

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012172.D
 Acq On : 07 Sep 2019 13:15
 Operator : SY/SP
 Sample : VX0907SBSD01
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:19:00 AM

Quant Time: Sep 08 08:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	139676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	101287	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	5.48	113	81879	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	8.71	98	310403	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
62) 4-Bromofluorobenzene	11.14	95	133618	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	27202	21.119	ug/l	94
3) Chloromethane	1.31	50	23675	17.947	ug/l	99
4) Vinyl Chloride	1.39	62	23599	19.015	ug/l	98
5) Bromomethane	1.62	94	10478	17.019	ug/l	92
6) Chloroethane	1.70	64	14476	18.763	ug/l	99
7) Trichlorofluoromethane	1.91	101	40687	21.107	ug/l	96
8) Diethyl Ether	2.17	74	12695	19.058	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28952	20.278	ug/l #	83
10) Methyl Iodide	2.50	142	19240	18.438	ug/l	92
11) Tert butyl alcohol	3.03	59	16346	88.303	ug/l	95
12) 1,1-Dichloroethene	2.36	96	25641	18.643	ug/l	92
13) Acrolein	2.28	56	5276	90.938	ug/l	89
14) Allyl chloride	2.72	41	46776	18.795	ug/l	95
15) Acrylonitrile	3.12	53	38333	91.577	ug/l	98
16) Acetone	2.43	43	43815	95.115	ug/l	100
17) Carbon Disulfide	2.55	76	56605	14.082	ug/l	99
18) Methyl Acetate	2.76	43	19714	18.167	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	85757	19.152	ug/l	99
20) Methylene Chloride	2.84	84	32373	17.501	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	29135	18.052	ug/l	86
22) Diisopropyl ether	3.84	45	101464	20.002	ug/l	94
23) Vinyl Acetate	3.80	43	306070	93.274	ug/l	98
24) 1,1-Dichloroethane	3.68	63	57244	19.458	ug/l	98
25) 2-Butanone	4.66	43	54904	93.632	ug/l	95
26) 2,2-Dichloropropane	4.56	77	57192	21.056	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	35166	18.588	ug/l	90
28) Bromochloromethane	5.00	49	24133	20.550	ug/l #	78
29) Tetrahydrofuran	5.12	42	32881	93.070	ug/l	99
30) Chloroform	5.20	83	63337	20.064	ug/l	94
31) Cyclohexane	5.56	56	44024	18.632	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	57394	20.875	ug/l	97
36) 1,1-Dichloropropene	5.78	75	42227	19.530	ug/l	95
37) Ethyl Acetate	4.81	43	22115	18.809	ug/l	98
38) Carbon Tetrachloride	5.77	117	47342	20.779	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	46740	18.626	ug/l	92
40) Benzene	6.13	78	120777	19.458	ug/l	99
41) Methacrylonitrile	5.03	41	14160	20.195	ug/l	96
42) 1,2-Dichloroethane	6.18	62	45641	20.433	ug/l	97
43) Isopropyl Acetate	6.44	43	46220	19.333	ug/l	99
44) Trichloroethene	7.20	130	32876	19.637	ug/l	84
45) 1,2-Dichloropropane	7.51	63	31575	19.689	ug/l	95
46) Dibromomethane	7.65	93	18195	19.435	ug/l #	72
47) Bromodichloromethane	7.89	83	47724	20.055	ug/l #	99
48) Methyl methacrylate	7.76	41	22737	18.915	ug/l	94
49) 1,4-Dioxane	7.73	88	5802	354.064	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	118337	97.315	ug/l	98
52) Toluene	8.78	92	79633	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	47372	19.228	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53421	19.499	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	26957	20.141	ug/l	95
56) Ethyl methacrylate	9.17	69	34988	18.250	ug/l	91
57) 1,3-Dichloropropane	9.37	76	45679	19.778	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	84211	97.431	ug/l	93
59) 2-Hexanone	9.48	43	88239	99.447	ug/l	96
60) Dibromochloromethane	9.57	129	30674	19.230	ug/l	96
61) 1,2-Dibromoethane	9.67	107	25011	19.339	ug/l	97
64) Tetrachloroethene	9.33	164	27581	19.707	ug/l #	88
65) Chlorobenzene	10.14	112	88348	19.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	32625	20.145	ug/l	97
67) Ethyl Benzene	10.25	91	164524	20.378	ug/l	96
68) m/p-Xylenes	10.36	106	119552	40.190	ug/l	91
69) o-Xylene	10.70	106	57454	19.918	ug/l	88
70) Styrene	10.71	104	102814	20.521	ug/l	95
71) Bromoform	10.86	173	16411	18.449	ug/l #	98
73) Isopropylbenzene	11.01	105	164770	20.001	ug/l	95
74) N-amyl acetate	10.89	43	44436	18.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	31755	18.490	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	30283m	22.074	ug/l	
77) Bromobenzene	11.25	156	35632	19.339	ug/l	68
78) n-propylbenzene	11.35	91	200502	20.146	ug/l	94
79) 2-Chlorotoluene	11.42	91	119738	19.858	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	146084	20.235	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9535	16.432	ug/l	92
82) 4-Chlorotoluene	11.51	91	144984	20.174	ug/l	91
83) tert-Butylbenzene	11.76	119	141380	20.546	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	146217	19.706	ug/l	95
85) sec-Butylbenzene	11.94	105	172225	20.151	ug/l	94
86) p-Isopropyltoluene	12.06	119	156014	20.072	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	72375	19.603	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	72638	19.677	ug/l	93
89) n-Butylbenzene	12.39	91	149298	19.773	ug/l	96
90) Hexachloroethane	12.59	117	29085	18.741	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	67655	20.347	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6344	17.652	ug/l	63

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QLast Update : Tue Sep 03 15:26:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45315	19.147	ug/l	96
94) Hexachlorobutadiene	13.78	225	23527	19.721	ug/l	97
95) Naphthalene	13.83	128	90588	17.686	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39468	18.956	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

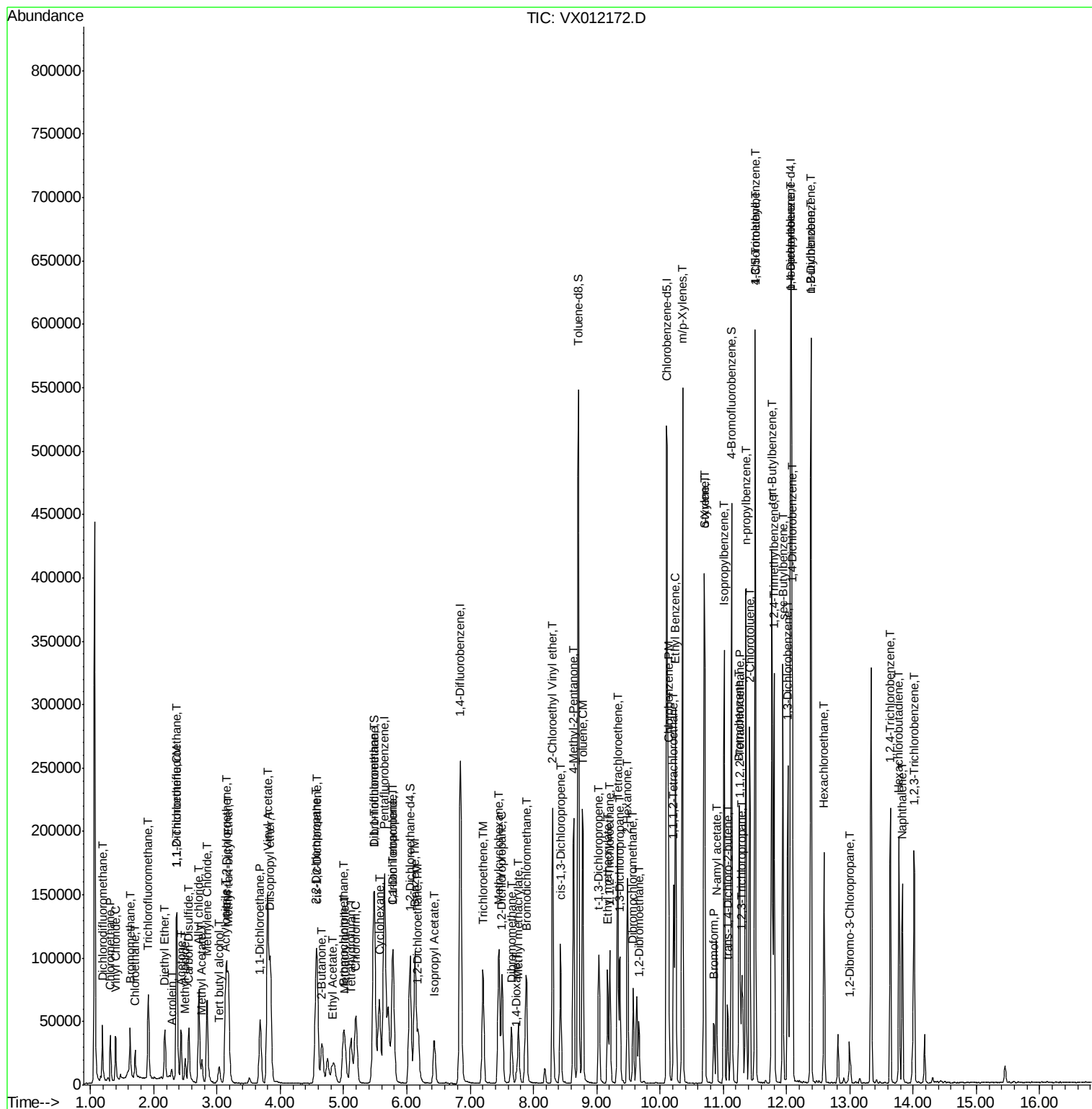
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012172.D
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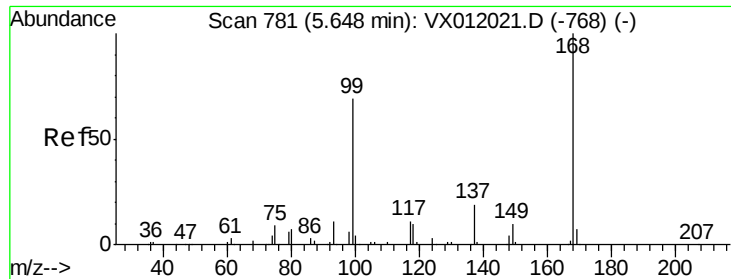
Instrument :
 MSVOA_X
 Client Sample Id :
 VX0907SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion:168 Resp: 139676

Ion Ratio Lower Upper

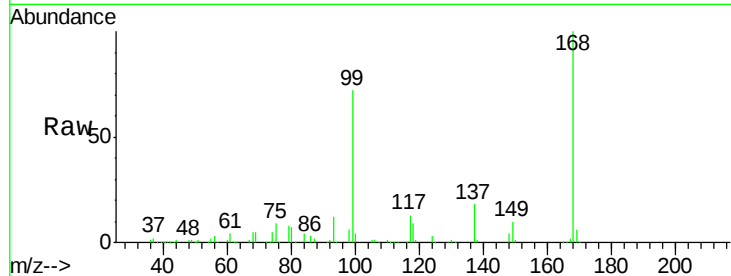
168 100

99 71.5 37.6 56.4#

Manual Integrations
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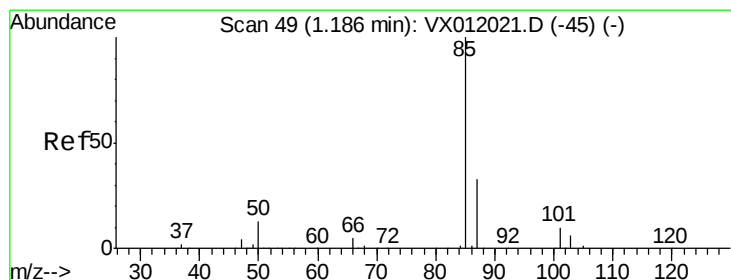
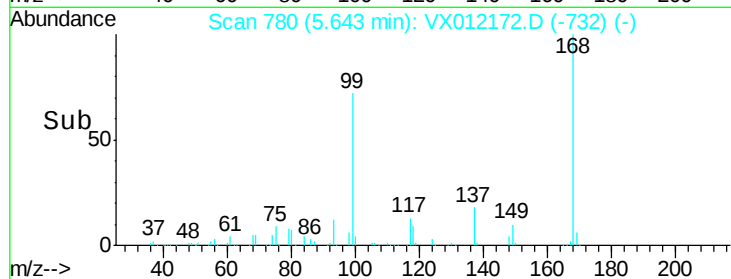
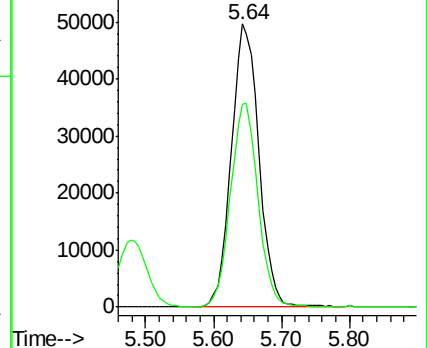
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.119 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012172.D

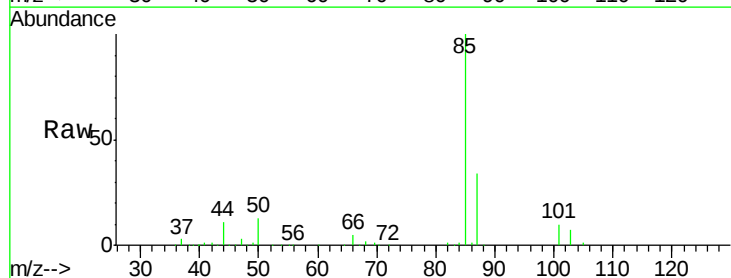
Acq: 07 Sep 2019 13:15

Tgt Ion: 85 Resp: 27202

Ion Ratio Lower Upper

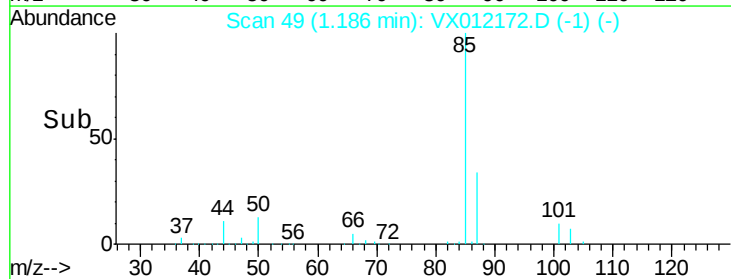
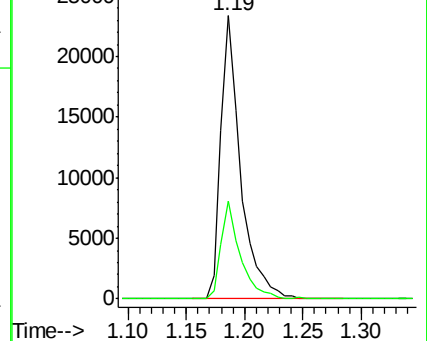
85 100

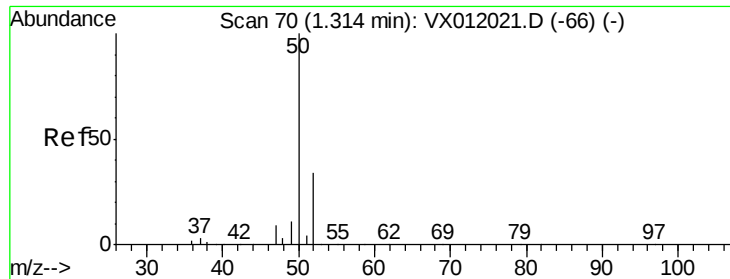
87 34.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.947 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

Tot Ion: 50 Resp: 23675

Ion Ratio Lower Upper

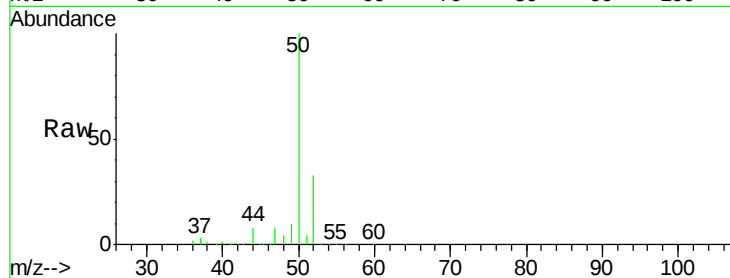
50 100

52 33.6 26.5 39.7

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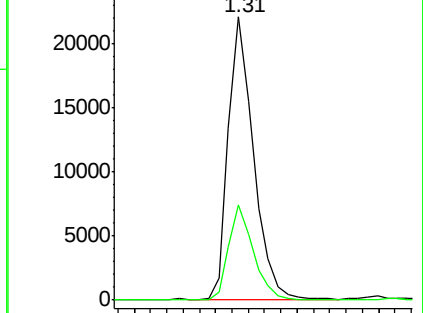
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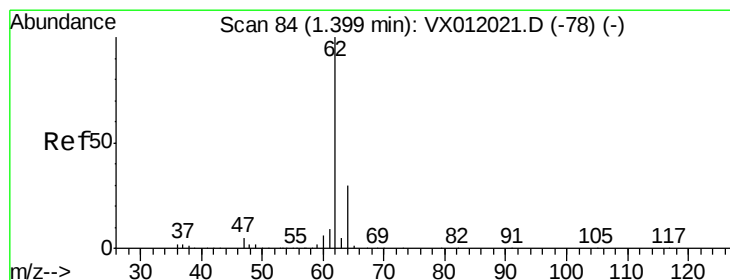
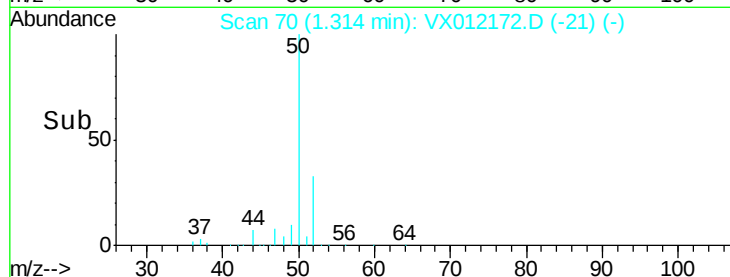


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.015 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012172.D

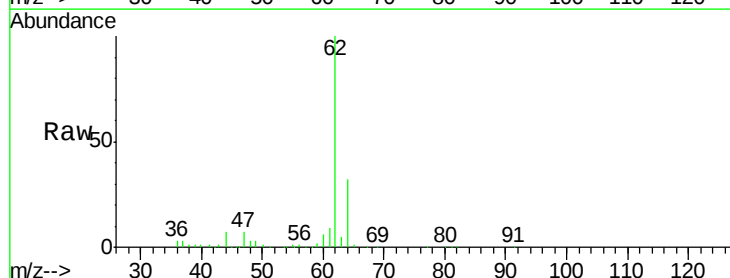
Acq: 07 Sep 2019 13:15

Tgt Ion: 62 Resp: 23599

Ion Ratio Lower Upper

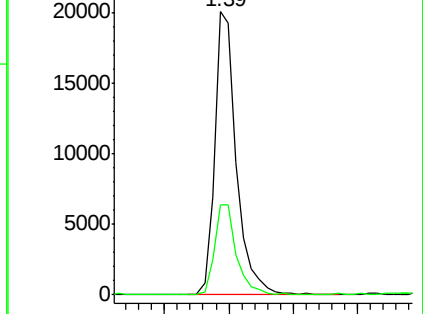
62 100

64 31.8 26.2 39.4

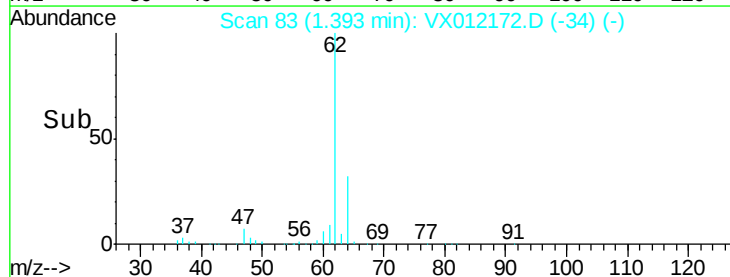


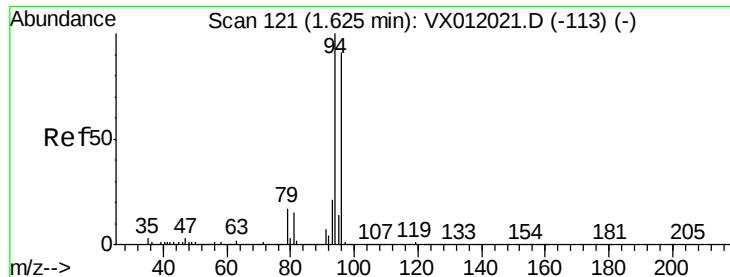
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 17.019 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS01

Tot Ion: 94 Resp: 10478

Ion Ratio Lower Upper

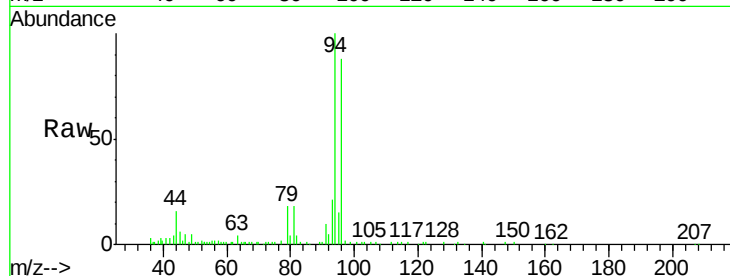
94 100

96 87.9 76.3 114.5

Manual Integrations
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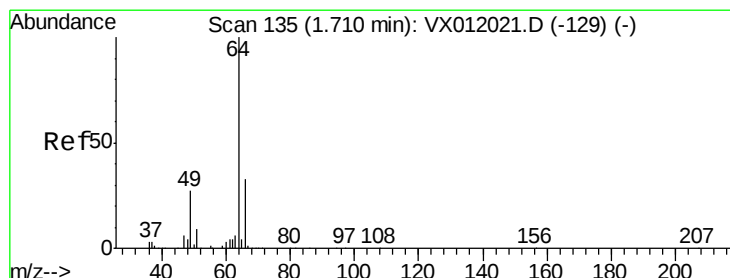
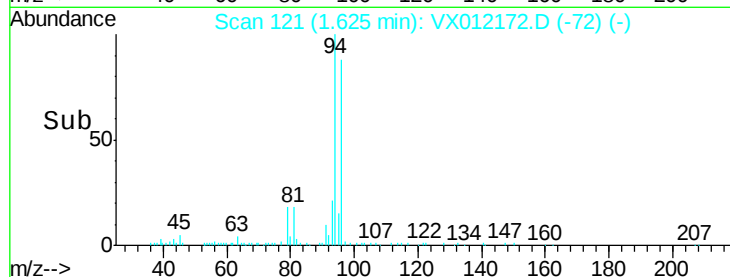
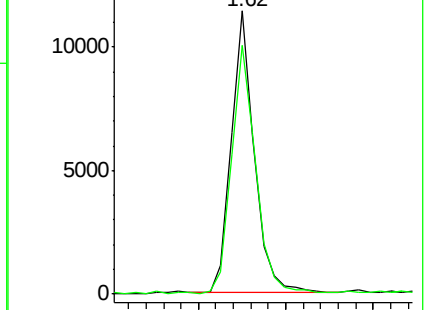
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.763 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012172.D

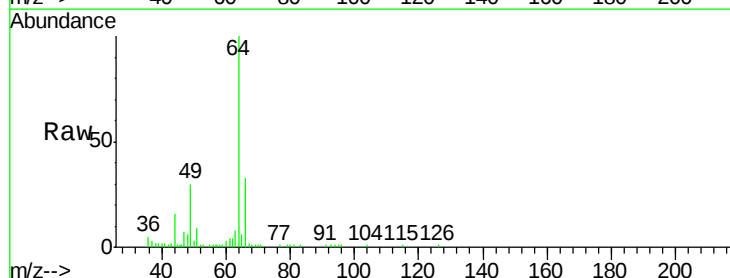
Acq: 07 Sep 2019 13:15

Tgt Ion: 64 Resp: 14476

Ion Ratio Lower Upper

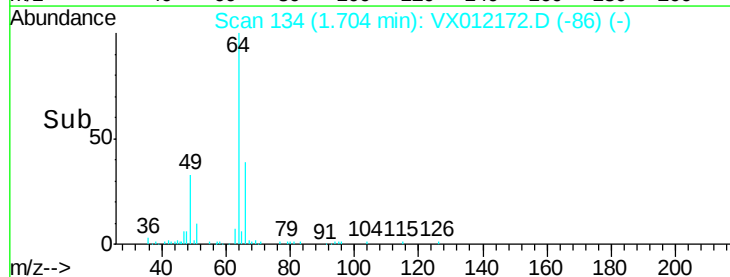
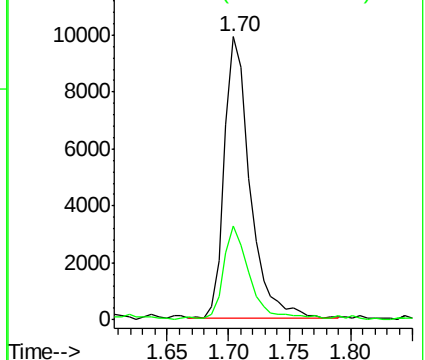
64 100

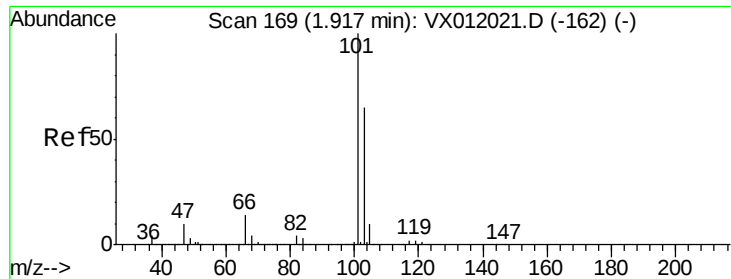
66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

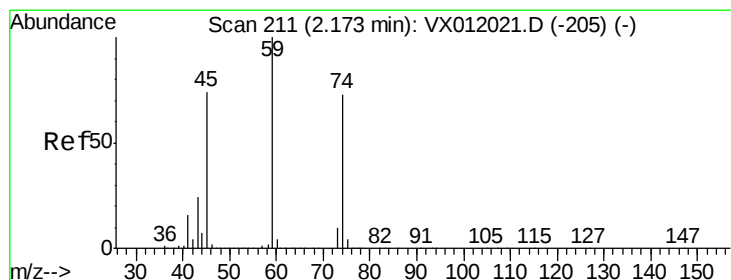
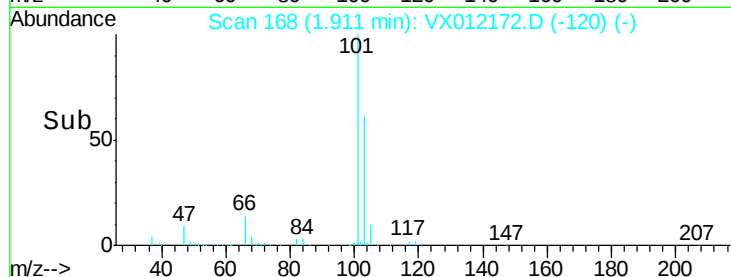
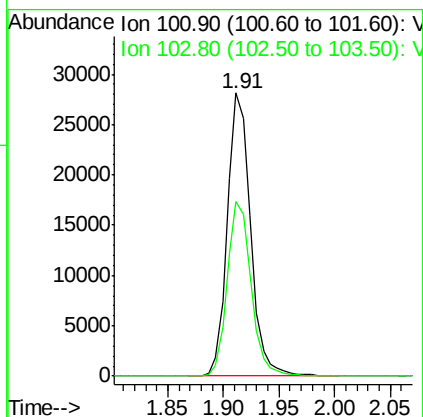
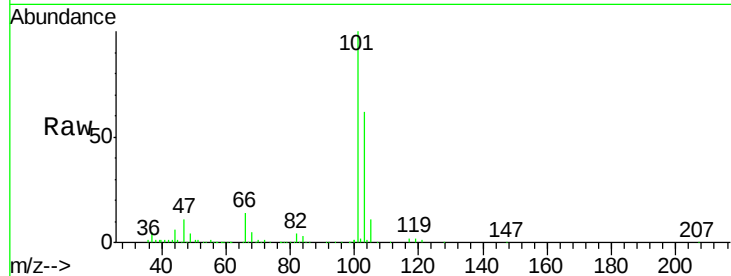
Trichlorofluoromethane
 Concen: 21.107 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
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 VX0907SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.6	77.4

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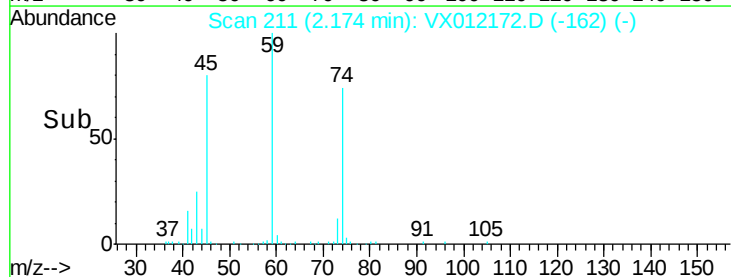
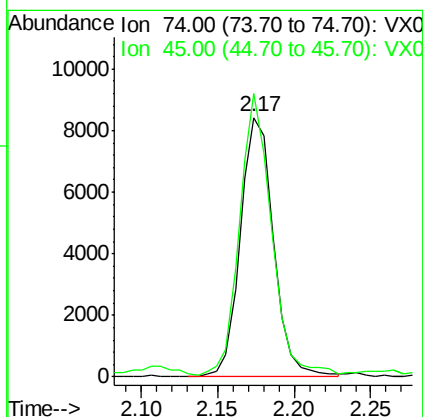
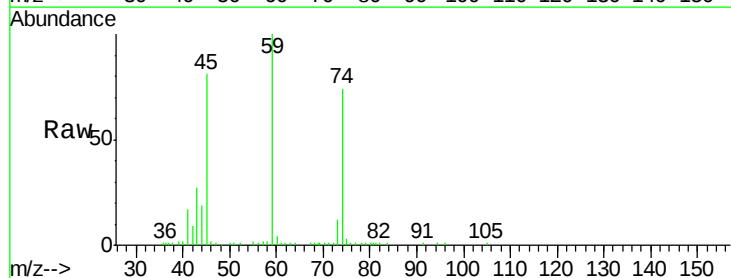
MMDadoda
 9/9/2019 9:19:00 AM

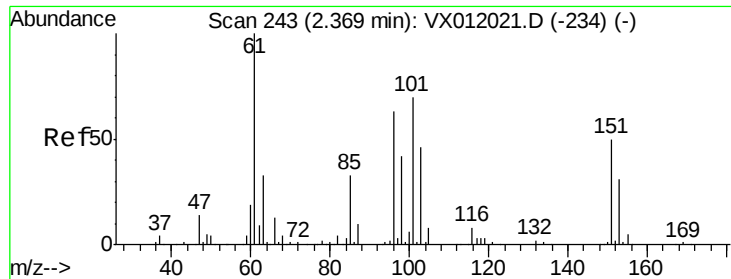


#8

Diethyl Ether
 Concen: 19.058 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.278 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

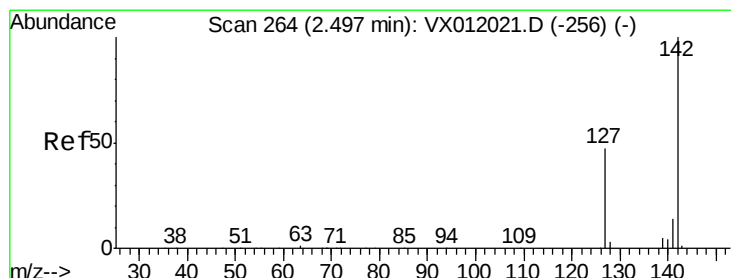
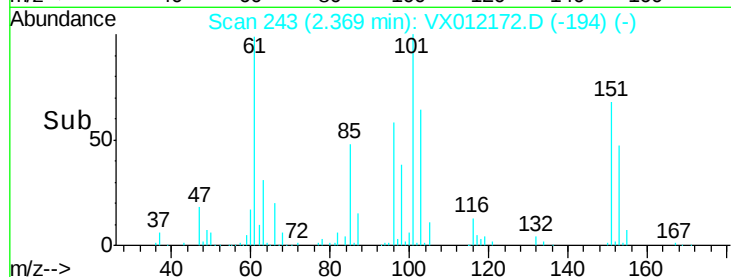
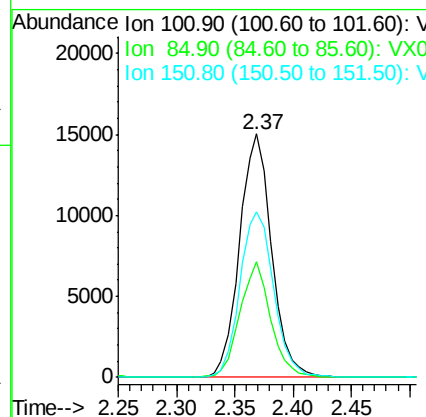
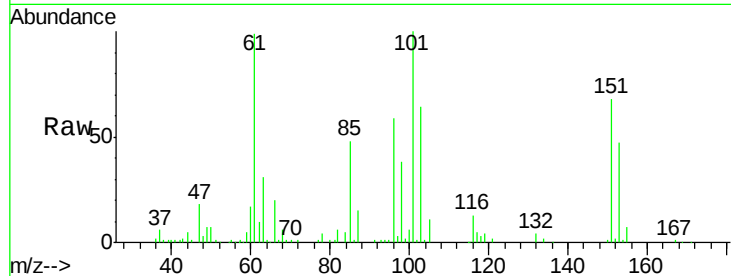
ClientSampleId :

VX0907SBS01

Tot Ion:	101	Resp:	28952
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.5	51.7
151	71.6	75.0	112.4#

Manual Integrations
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#10

Methyl Iodide

Concen: 18.438 ug/l

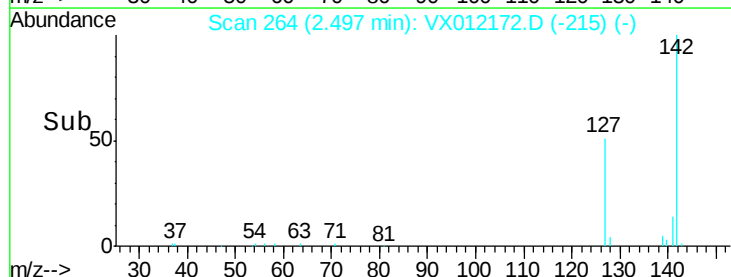
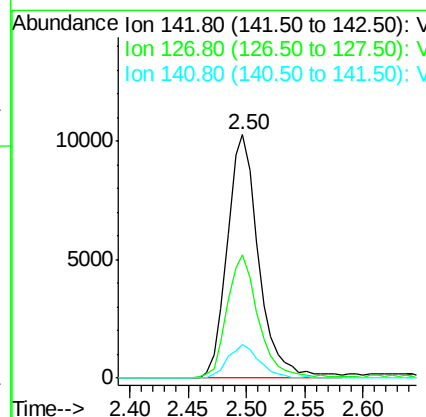
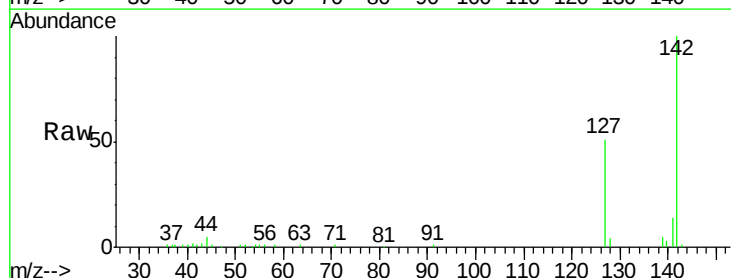
RT: 2.50 min Scan# 264

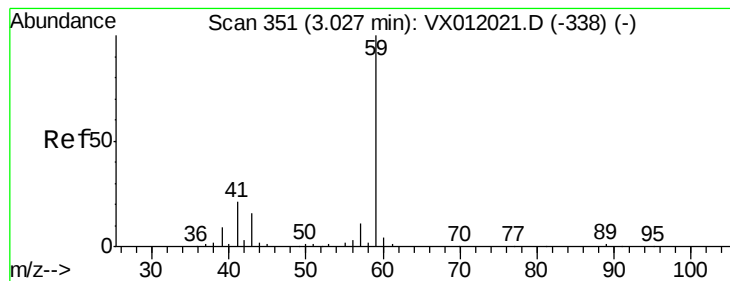
Delta R.T. 0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	142	Resp:	19240
Ion Ratio	Lower	Upper	
142	100		
127	50.7	35.4	53.2
141	13.8	11.4	17.2





#11

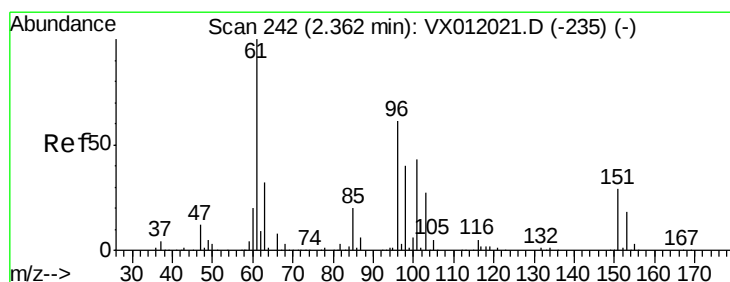
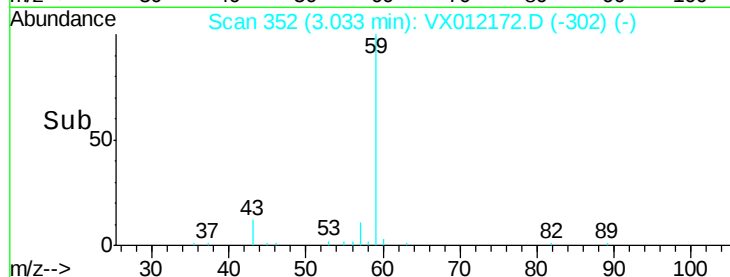
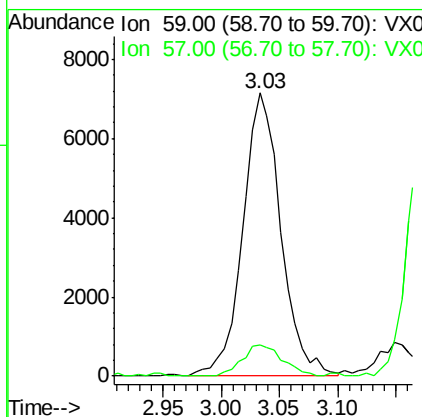
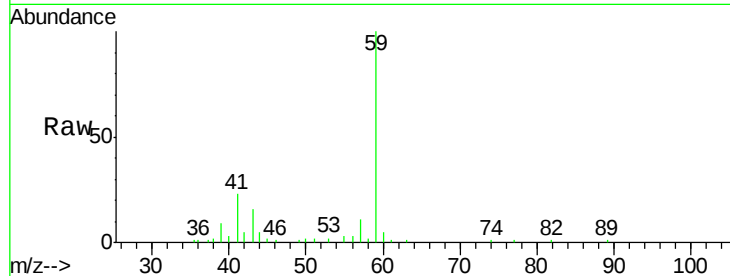
Tert butyl alcohol
 Concen: 88.303 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion	59	57	Ratio	100	11.7	Resp	16346	Lower	7.9	Upper	11.9
Ion	59	57	Ratio	100	11.7	Resp	16346	Lower	7.9	Upper	11.9

Manual Integrations
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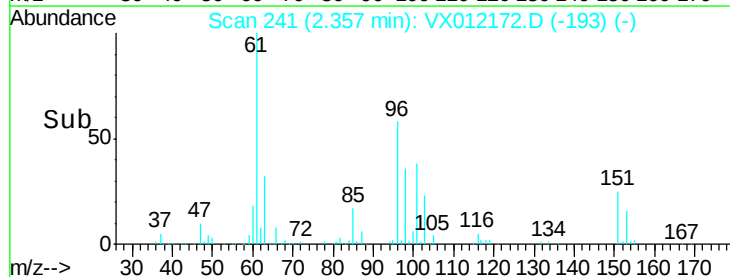
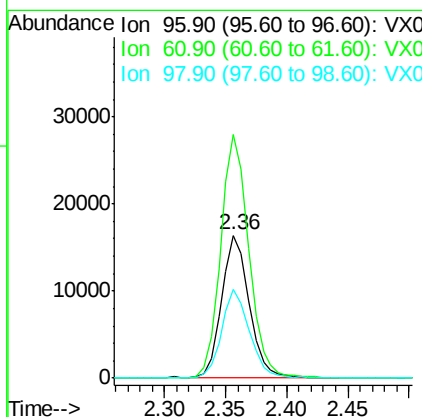
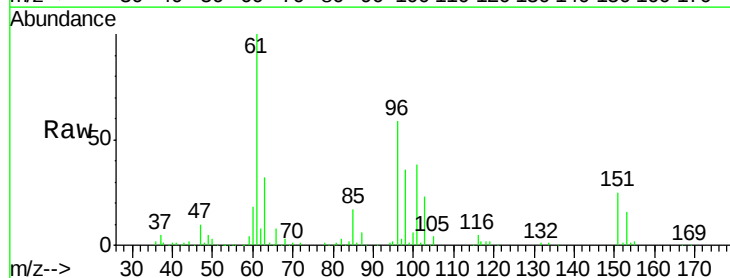
MMDadoda
 9/9/2019 9:19:00 AM

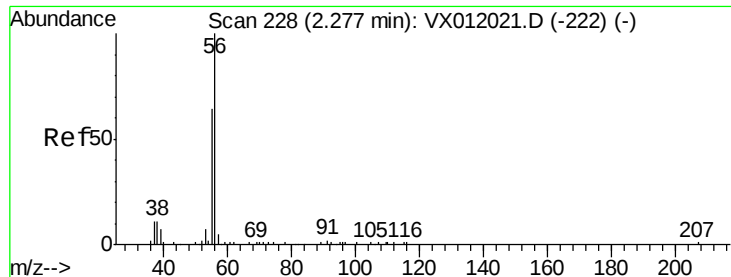


#12

1,1-Dichloroethene
 Concen: 18.643 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	96	61	98	Ratio	100	170.3	62.3	Resp	25641	Lower	124.1	Upper	186.1	75.2
Ion	96	61	98	Ratio	100	170.3	62.3	Resp	25641	Lower	124.1	Upper	186.1	75.2





#13

Acrolein

Concen: 90.938 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS01

Tot Ion: 56 Resp: 5276

Ion Ratio Lower Upper

56 100

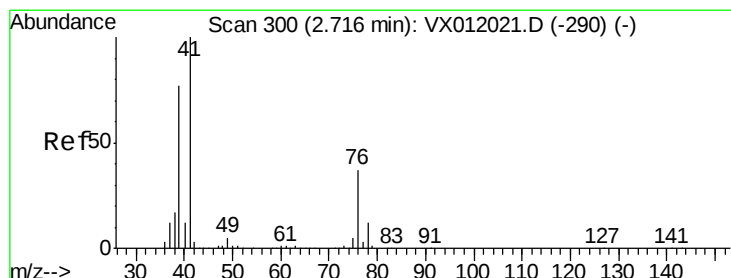
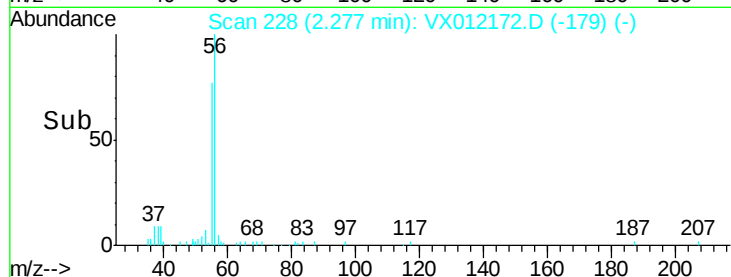
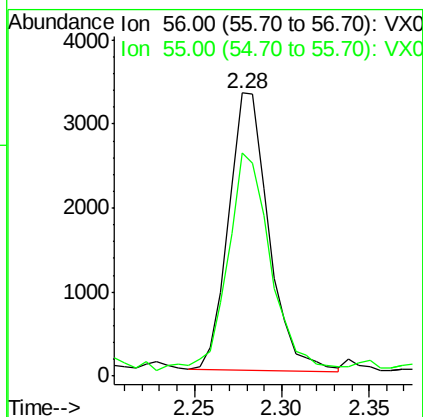
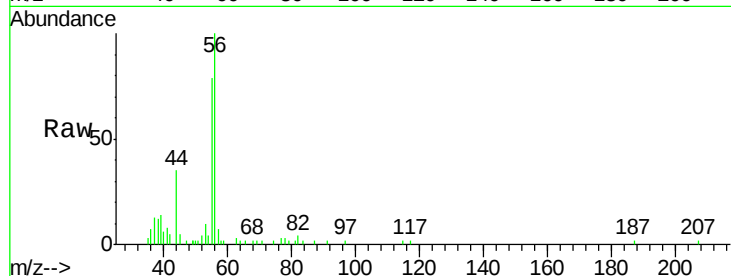
55 83.5 59.2 88.8

Manual Integrations

APPROVED

MMDadoda

9/9/2019 9:19:00 AM



#14

Allyl chloride

Concen: 18.795 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

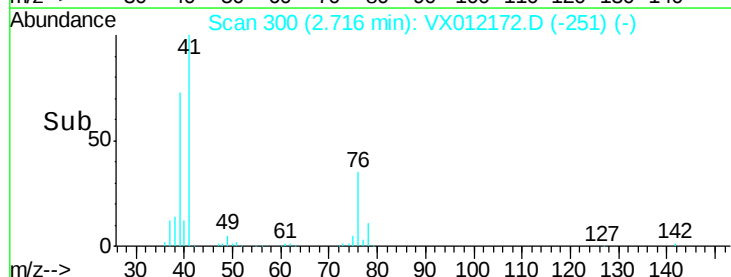
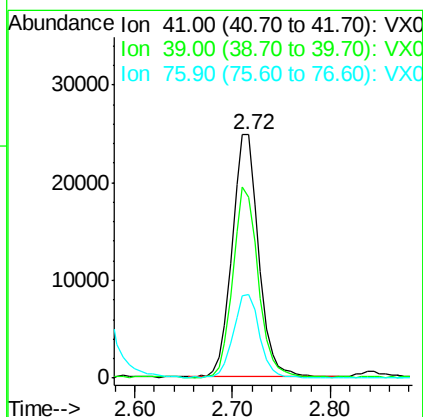
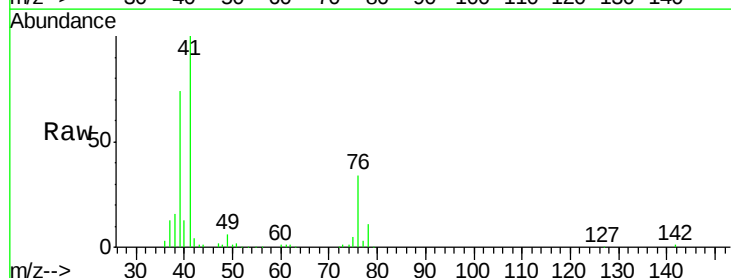
Tgt Ion: 41 Resp: 46776

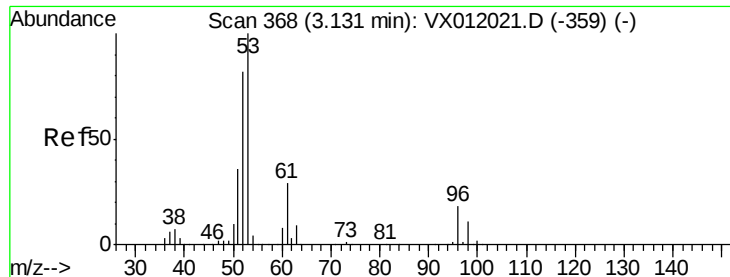
Ion Ratio Lower Upper

41 100

39 76.8 57.9 86.9

76 33.8 28.5 42.7





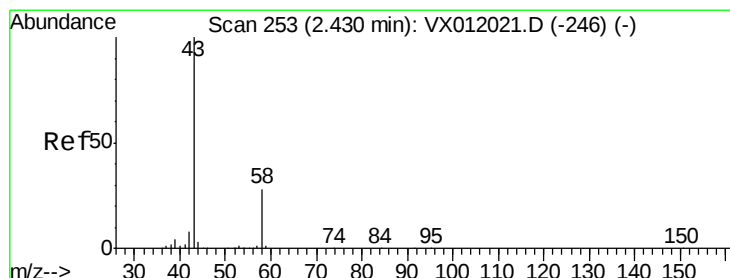
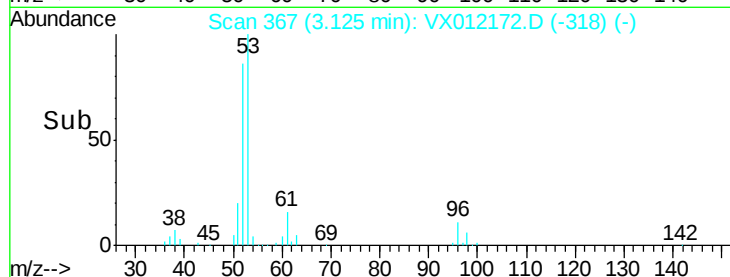
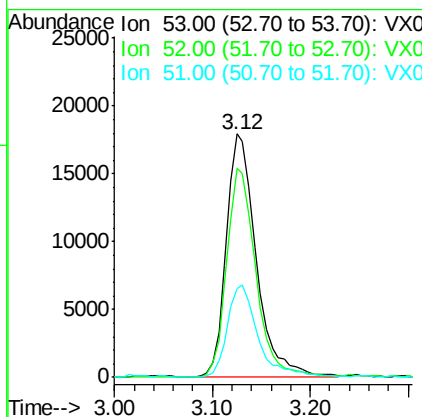
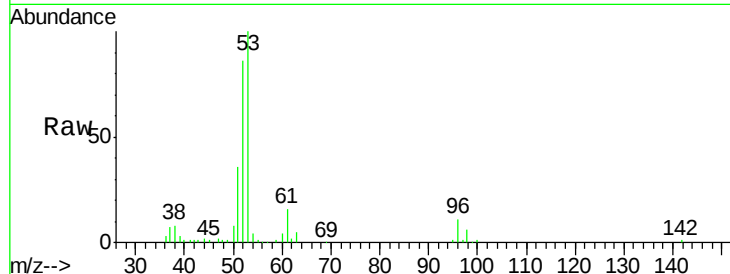
#15
 Acrylonitrile
 Concen: 91.577 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion:	53	Resp:	38333
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.6	98.4
51	38.8	29.8	44.6

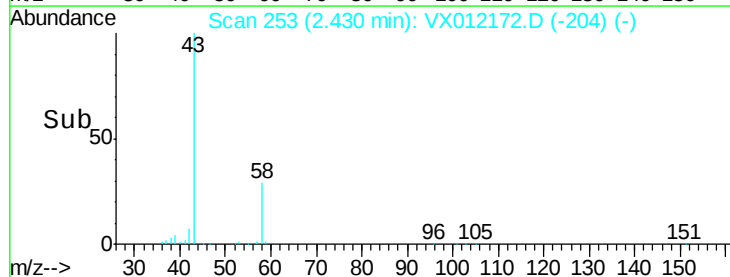
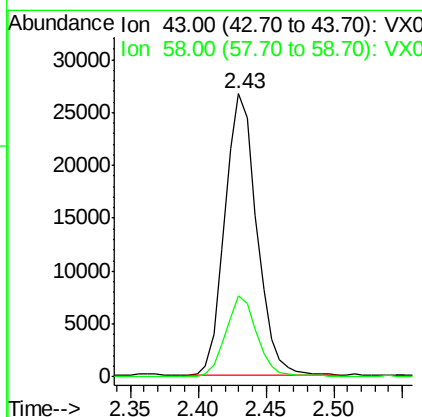
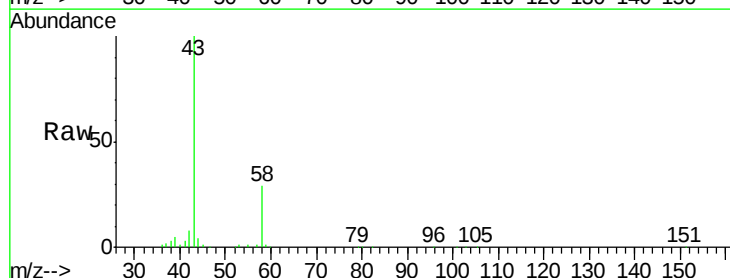
Manual Integrations
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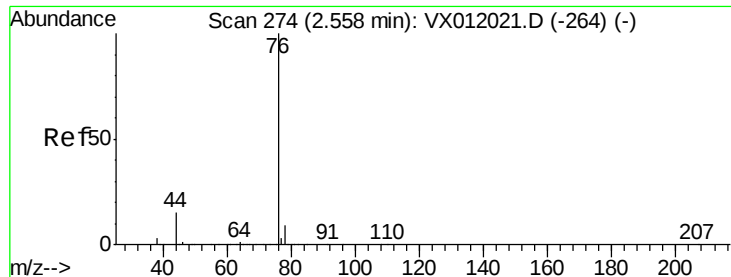
MMDadoda
 9/9/2019 9:19:00 AM



#16
 Acetone
 Concen: 95.115 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:	43	Resp:	43815
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.8	34.2





#17

Carbon Disulfide

Concen: 14.082 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS01

Tot Ion: 76 Resp: 56605

Ion Ratio Lower Upper

76 100

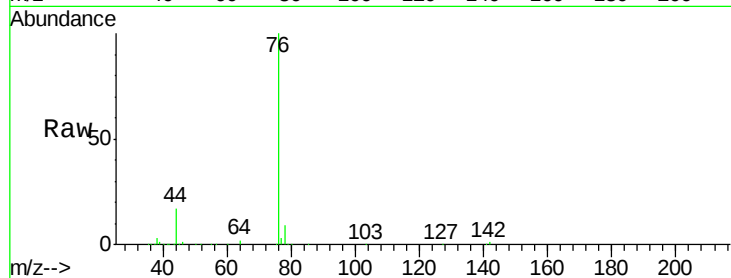
78 9.5 7.4 11.2

Manual Integrations

APPROVED

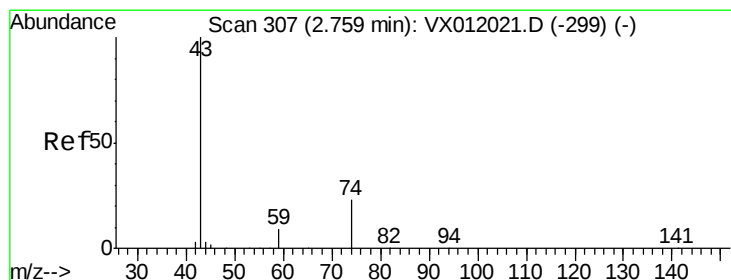
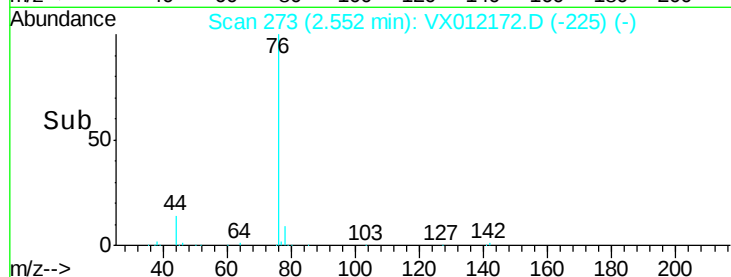
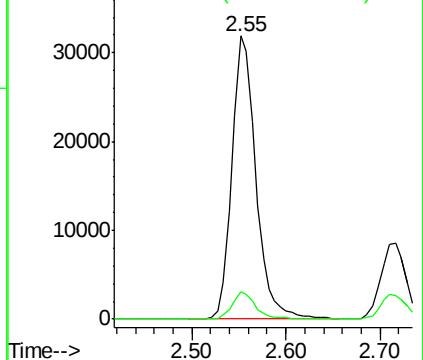
MMDadoda

9/9/2019 9:19:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.167 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012172.D

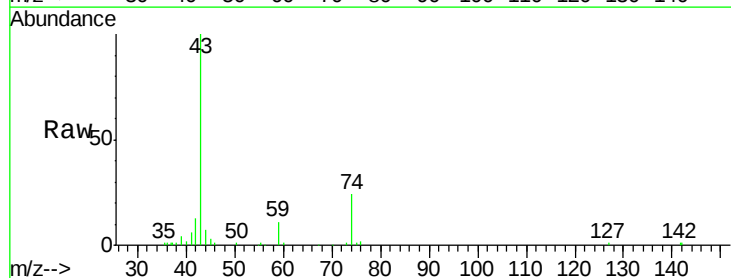
Acq: 07 Sep 2019 13:15

Tgt Ion: 43 Resp: 19714

Ion Ratio Lower Upper

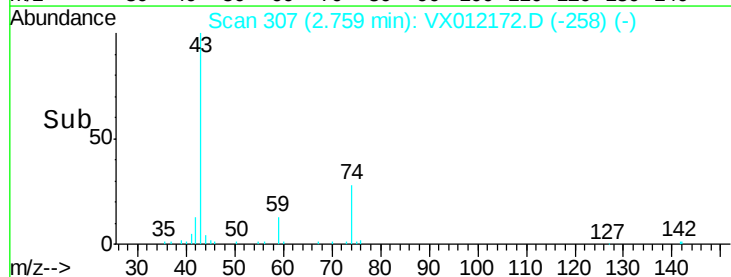
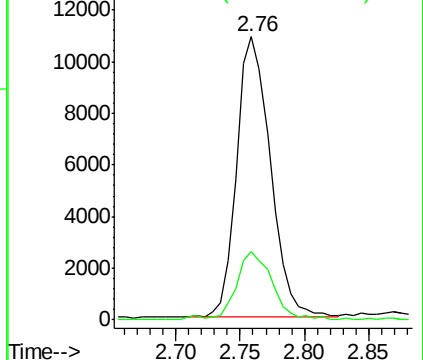
43 100

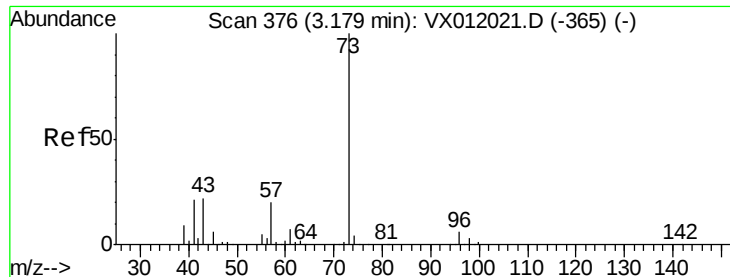
74 25.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





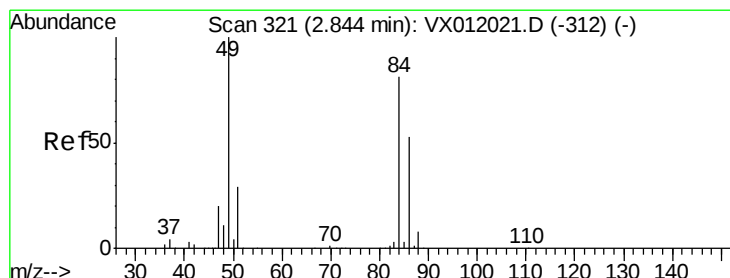
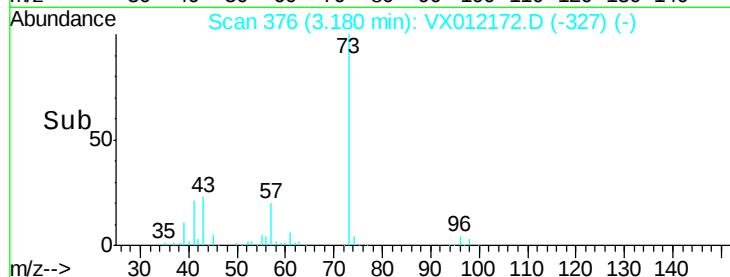
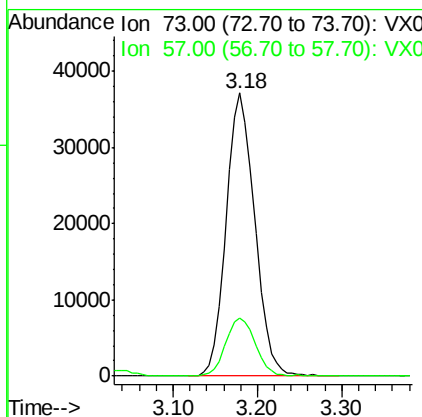
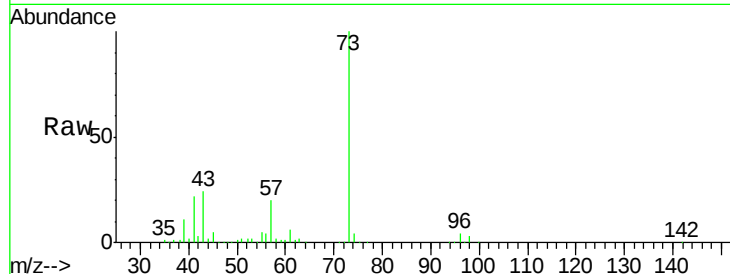
#19
Methvl tert-butvl Ether
Concen: 19.152 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0

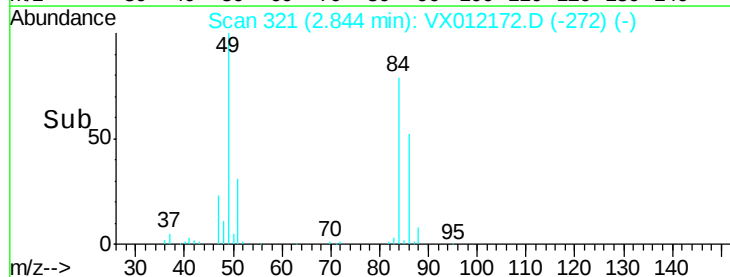
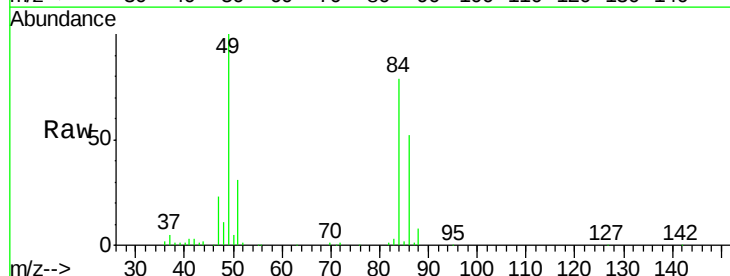
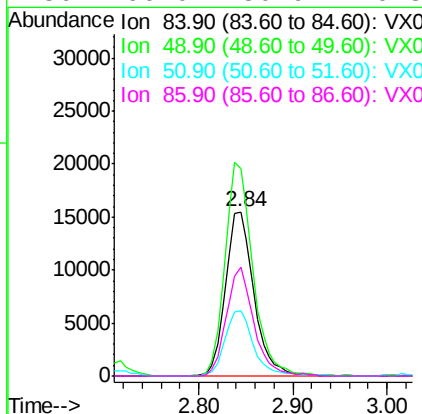
Manual Integrations
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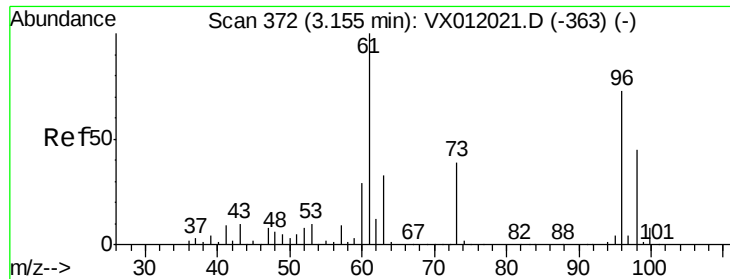
MMDadoda
9/9/2019 9:19:00 AM



#20
Methylene Chloride
Concen: 17.501 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.2	95.8	143.8
51	39.4	28.6	43.0
86	66.0	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 18.052 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion: 96 Resp: 29135

Ion Ratio Lower Upper

96 100

61 153.9 107.0 160.6

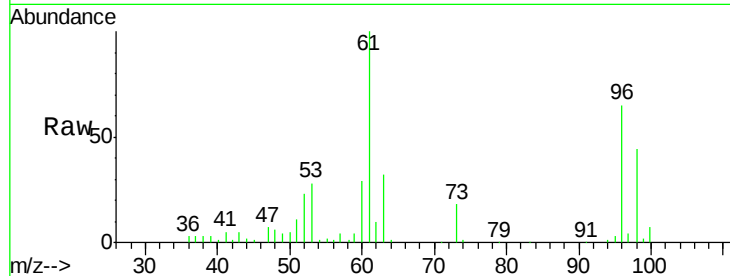
98 67.4 49.8 74.6

Manual Integrations

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MMDadoda

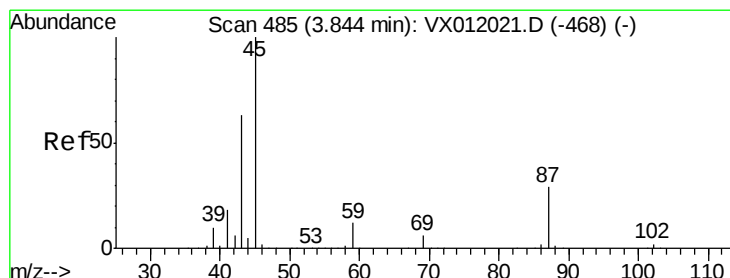
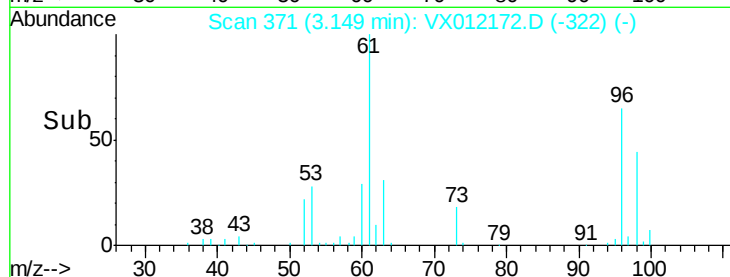
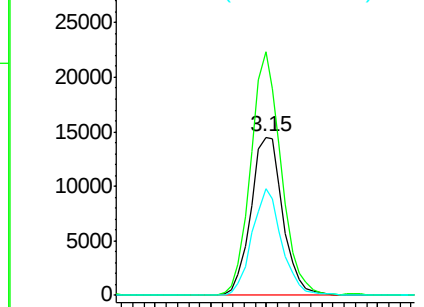
9/9/2019 9:19:00 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.002 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion: 45 Resp: 101464

Ion Ratio Lower Upper

45 100

43 74.9 54.2 81.4

87 27.3 23.4 35.0

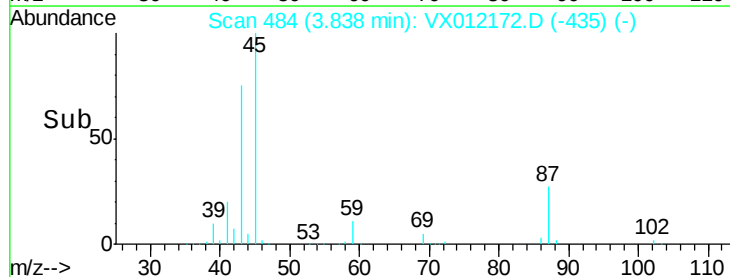
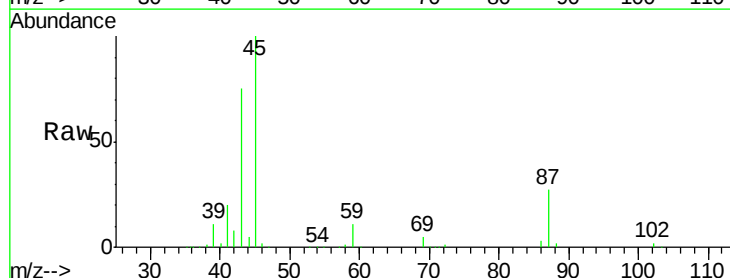
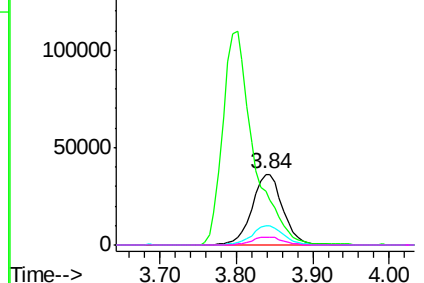
59 11.3 9.0 13.6

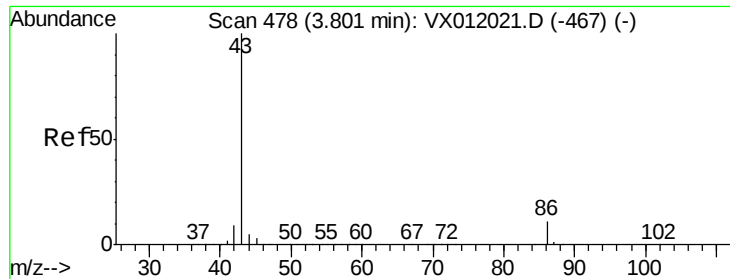
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.274 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

Tot Ion: 43 Resp: 306070

Ion Ratio Lower Upper

43 100

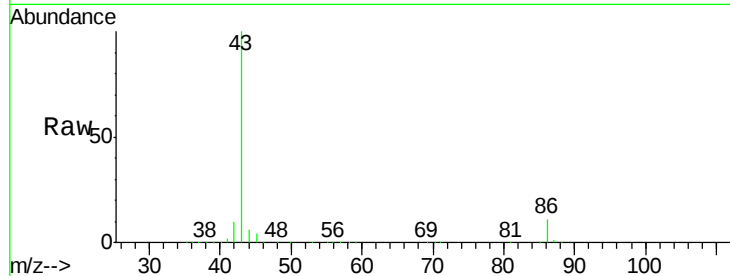
86 10.7 9.0 13.6

Manual Integrations

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MMDadoda

9/9/2019 9:19:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

120000

100000

80000

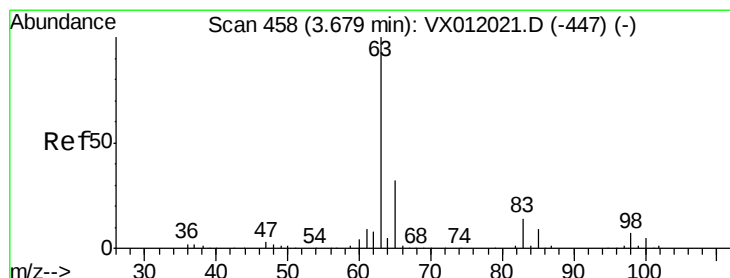
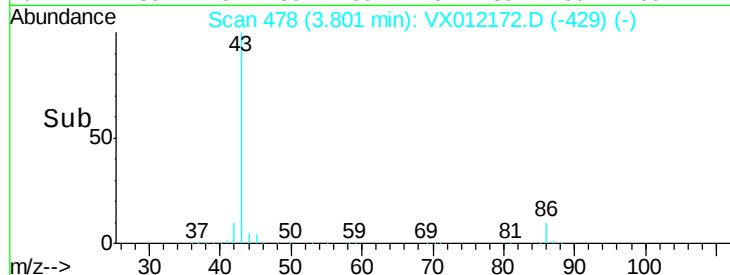
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

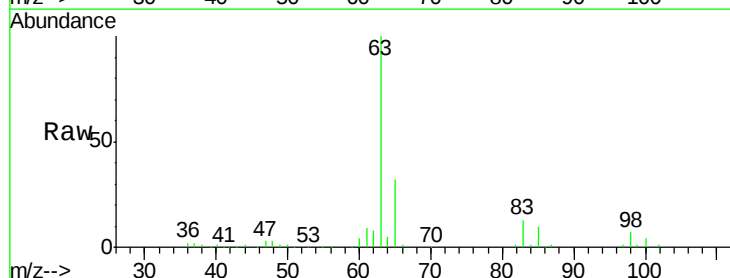
Tgt Ion: 63 Resp: 57244

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.68

30000

25000

20000

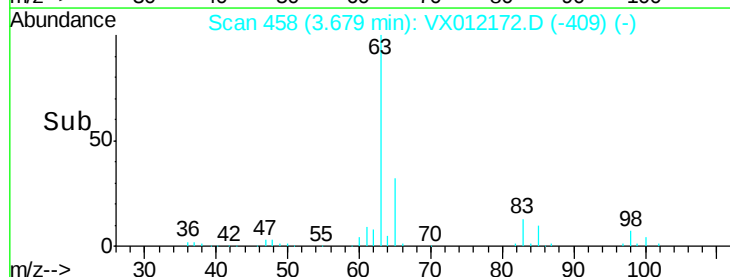
15000

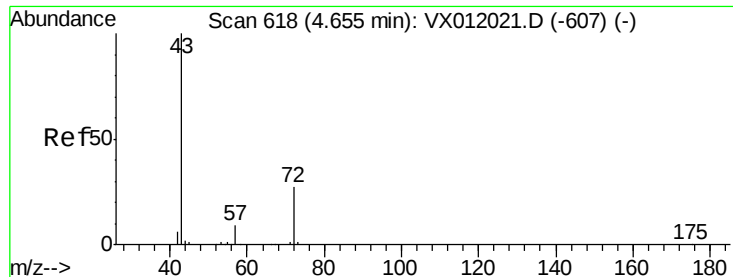
10000

5000

0

Time-->





#25

2-Butanone

Concen: 93.632 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion: 43 Resp: 54904

Ion Ratio Lower Upper

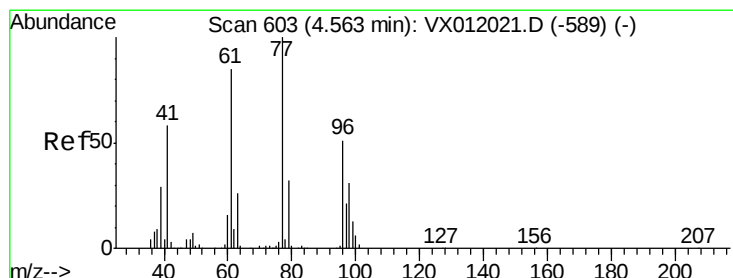
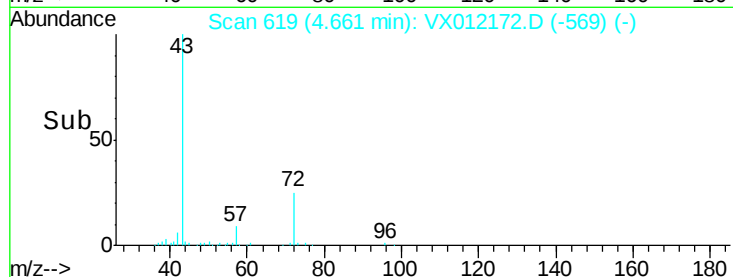
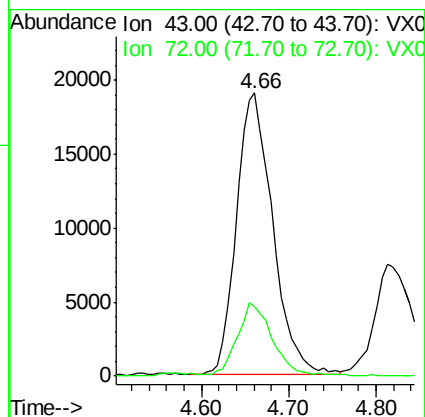
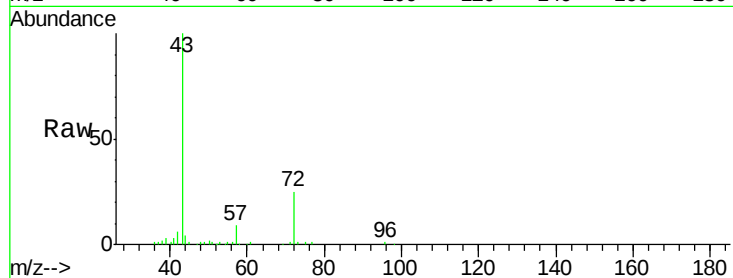
43 100

72 24.1 21.3 31.9

Manual Integrations
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9/9/2019 9:19:00 AM



#26

2,2-Dichloropropane

Concen: 21.056 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012172.D

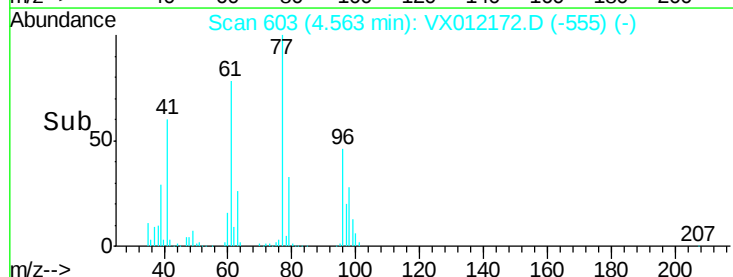
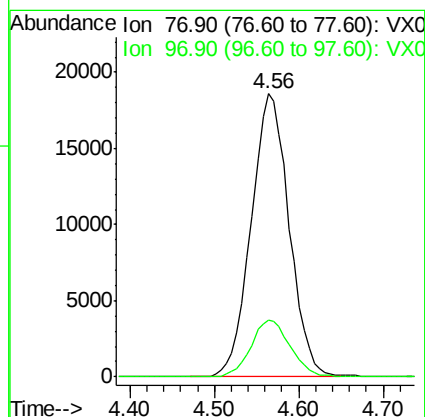
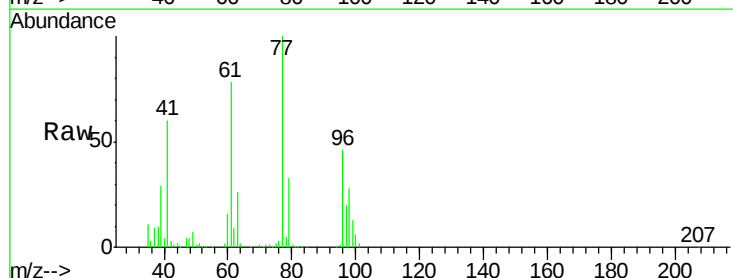
Acq: 07 Sep 2019 13:15

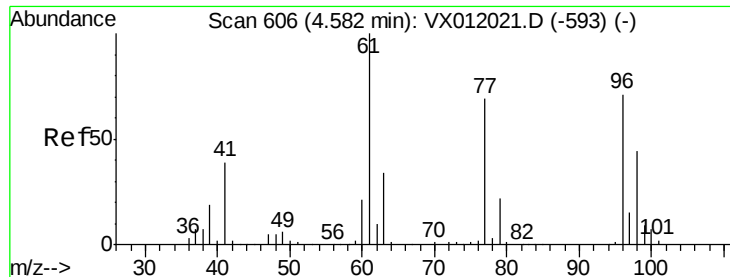
Tgt Ion: 77 Resp: 57192

Ion Ratio Lower Upper

77 100

97 20.6 11.5 34.5





#27

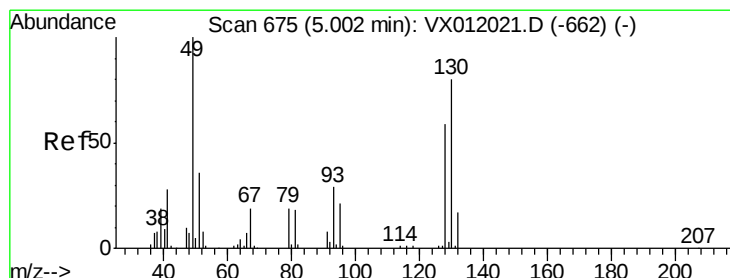
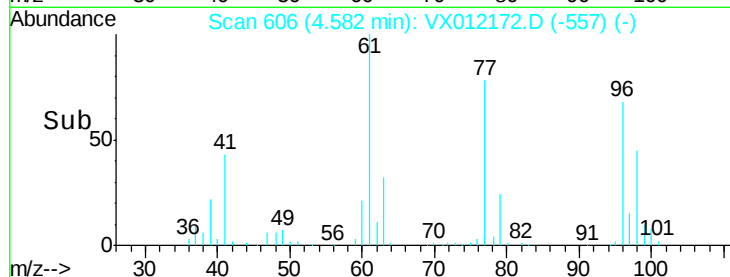
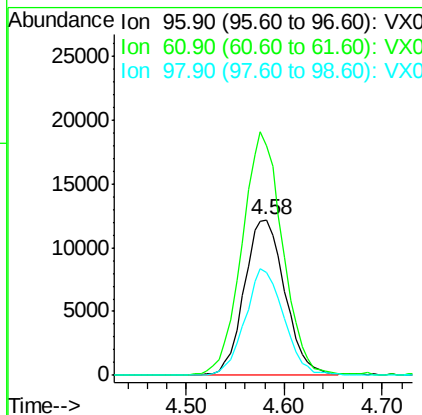
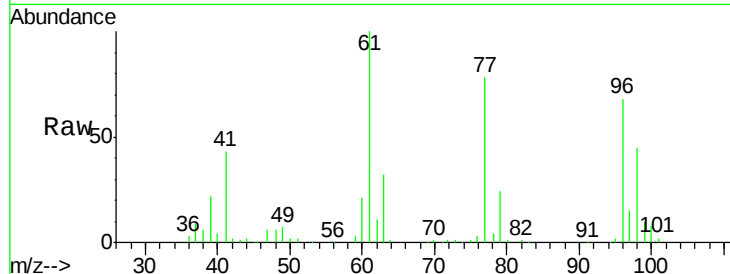
cis-1,2-Dichloroethene
Concen: 18.588 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	35166		
61	156.1	0.0	277.0	
98	65.4	0.0	128.4	

Manual Integrations
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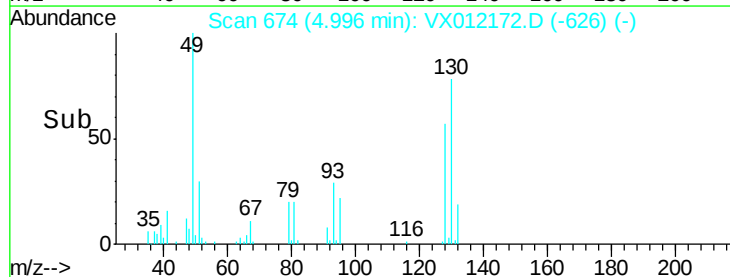
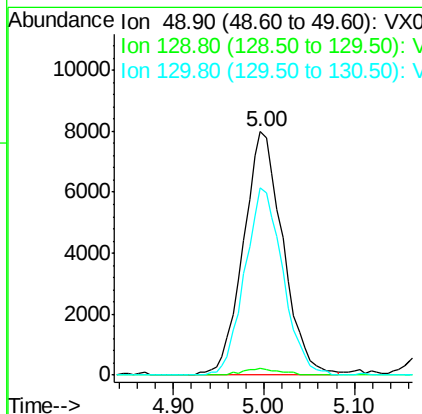
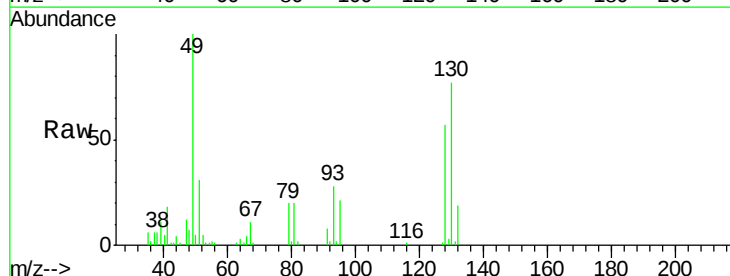
MMDadoda
9/9/2019 9:19:00 AM

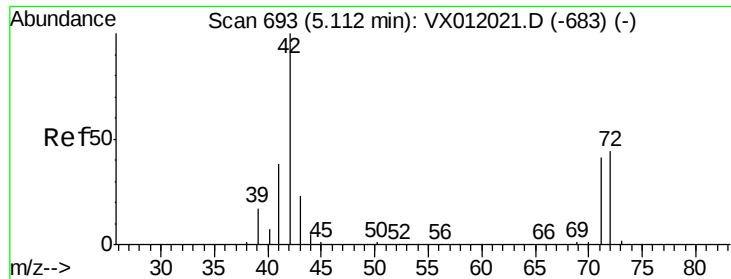


#28

Bromochloromethane
Concen: 20.550 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24133		
129	2.3	0.0	5.6	
130	74.0	76.7	115.1#	





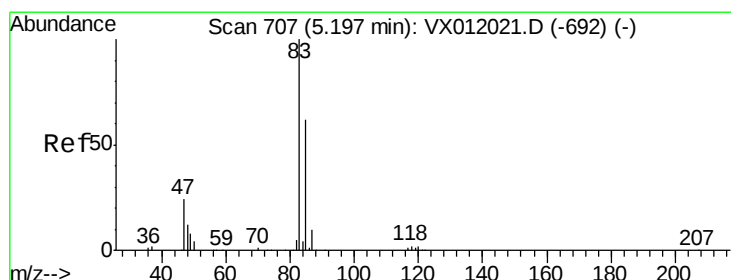
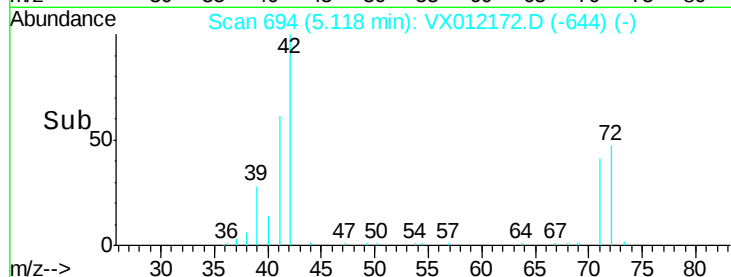
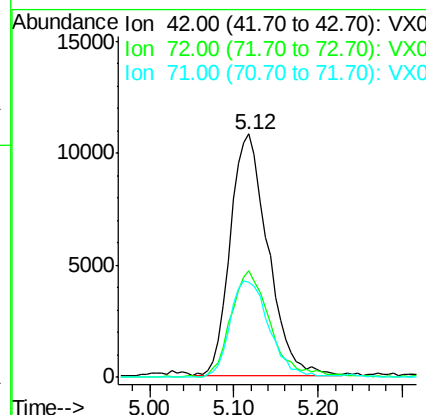
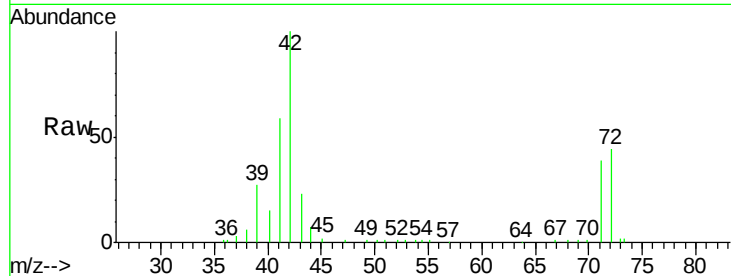
#29
Tetrahydrofuran
Concen: 93.070 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampled :
VX0907SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.0	55.4
71	41.4	33.8	50.8

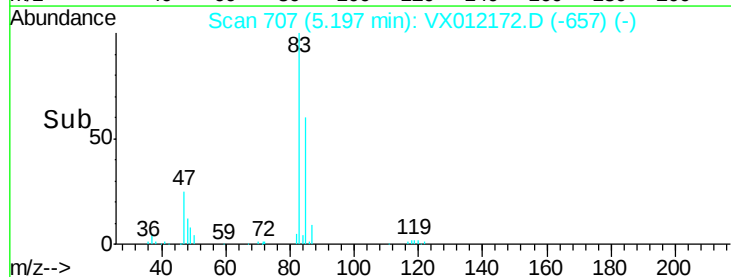
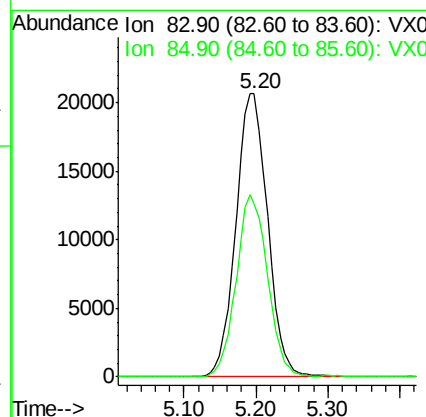
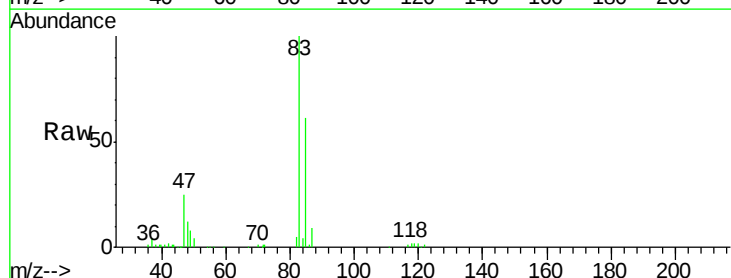
Manual Integrations
APPROVED

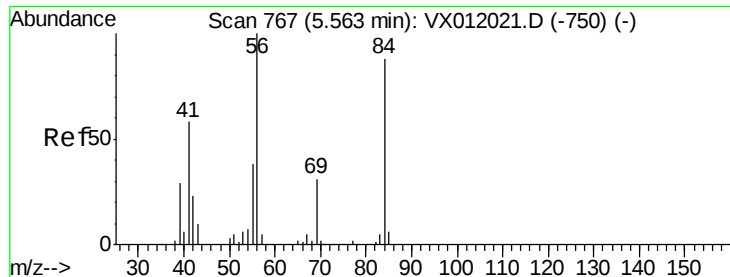
MMDadoda
9/9/2019 9:19:00 AM



#30
Chloroform
Concen: 20.064 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.6	78.8





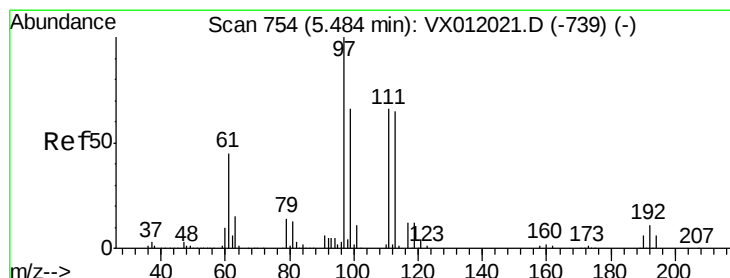
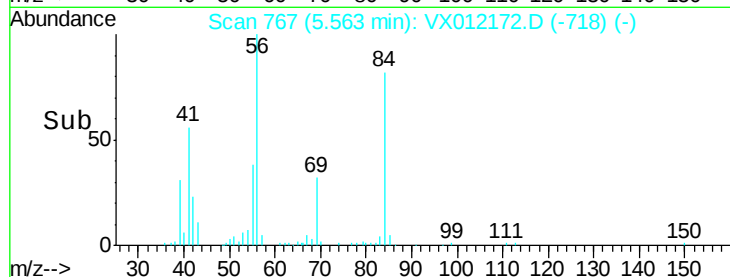
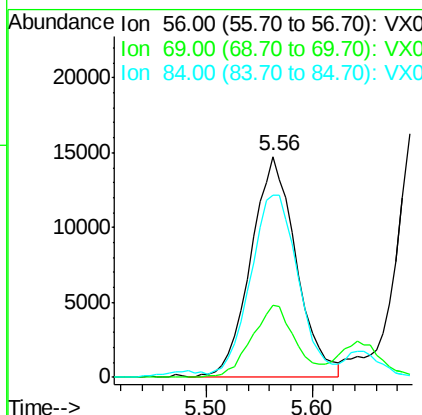
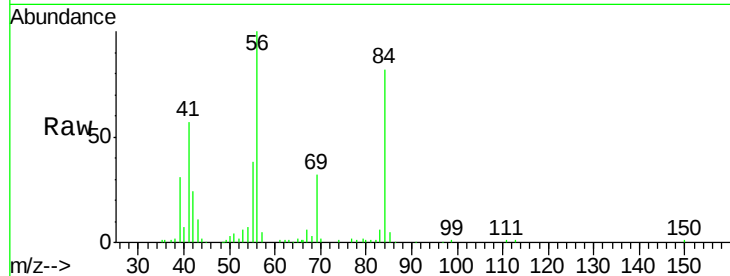
#31
Cyclohexane
Concen: 18.632 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.7	38.5
84	79.5	70.3	105.5

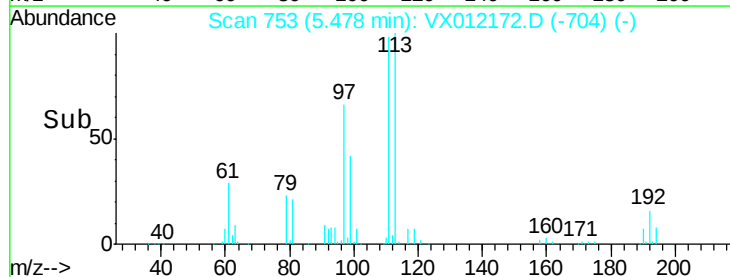
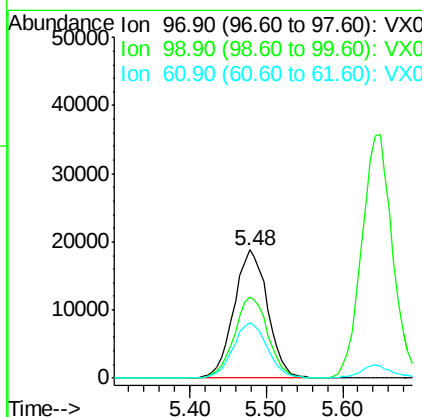
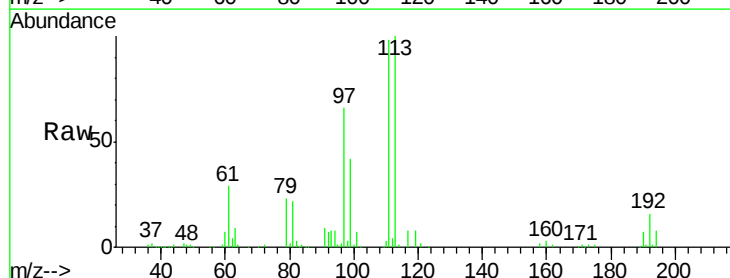
Manual Integrations
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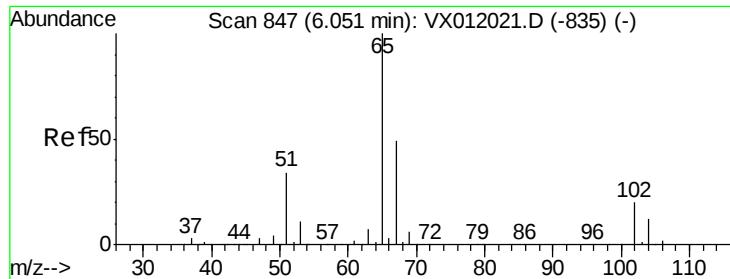
MMDadoda
9/9/2019 9:19:00 AM



#32
1,1,1-Trichloroethane
Concen: 20.875 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.1	78.1
61	44.2	32.8	49.2





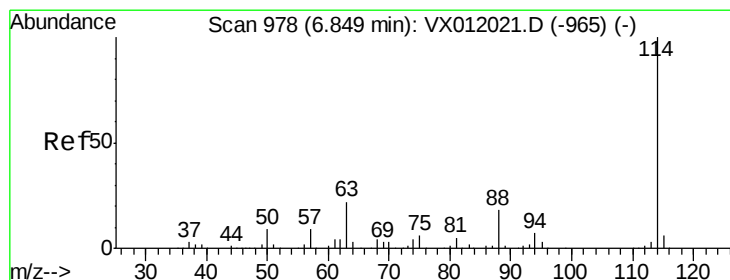
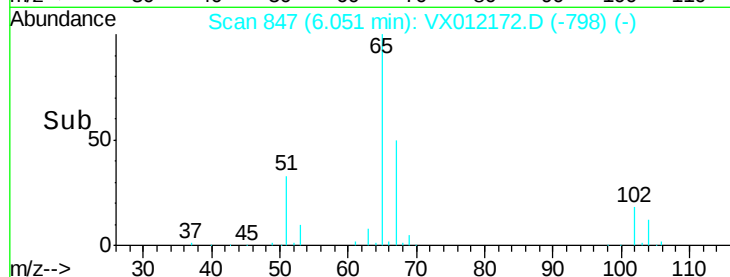
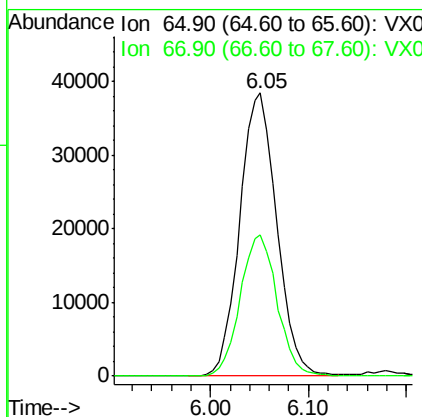
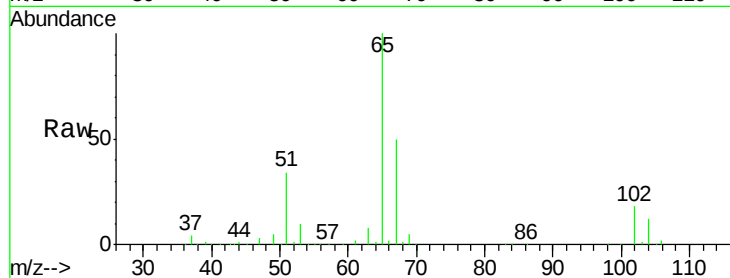
#33
 1,2-Dichloroethane-d4
 Concen: 52.555 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101287		
67	49.7	0.0	102.0	

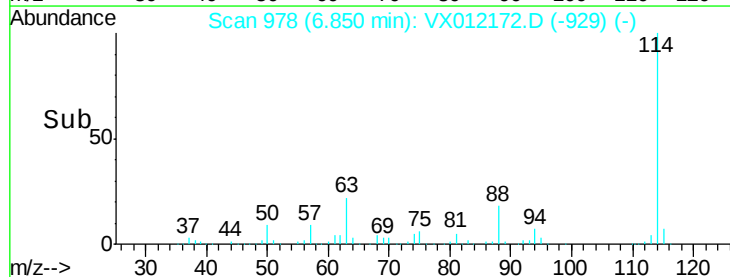
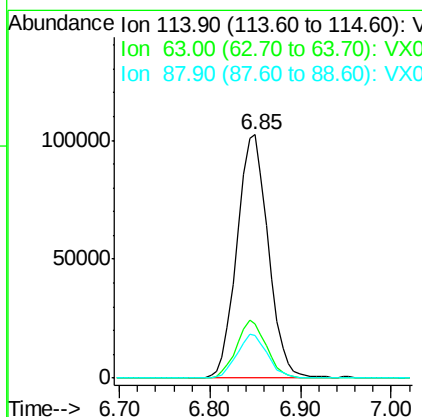
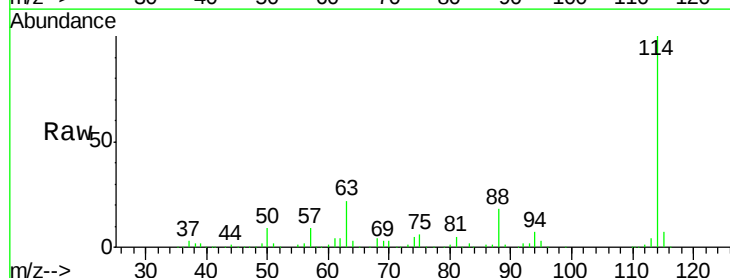
Manual Integrations
 APPROVED

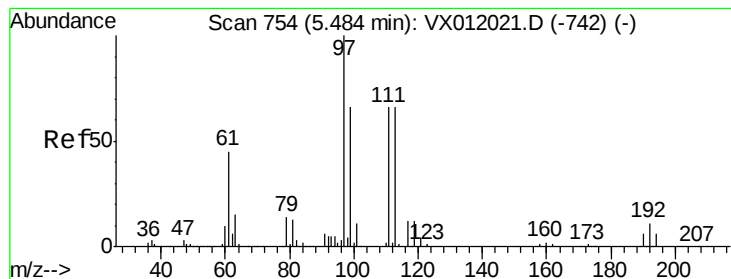
MMDadoda
 9/9/2019 9:19:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	245492		
63	22.4	0.0	37.4	
88	17.6	0.0	29.6	





#35

Dibromofluoromethane

Concen: 54.235 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

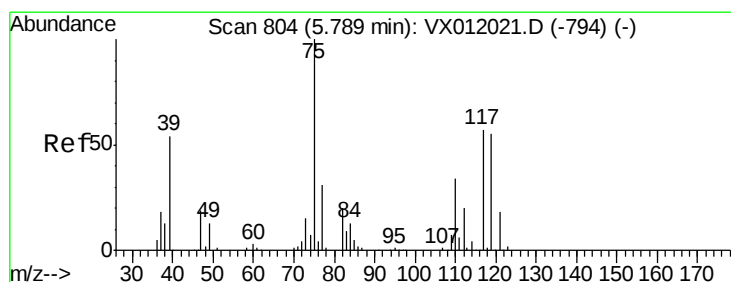
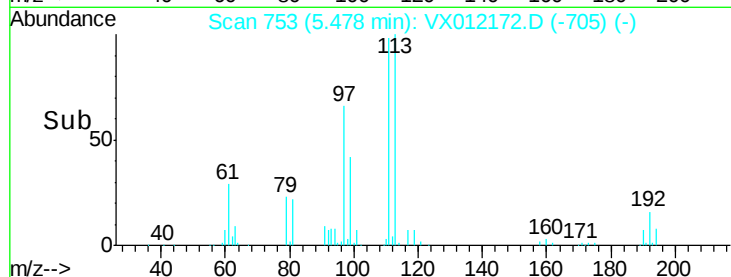
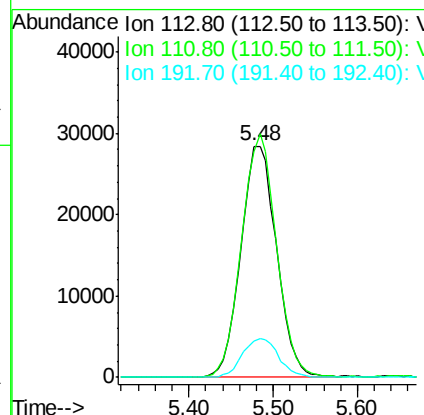
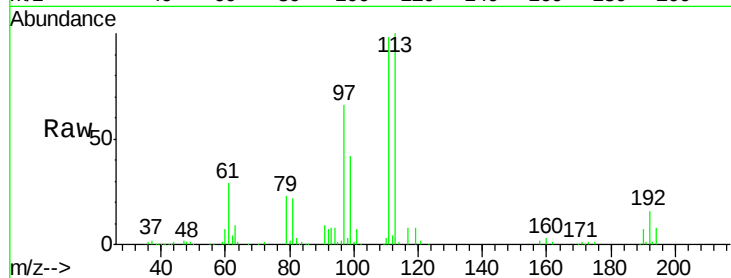
ClientSampleId :

VX0907SBS01

Tot Ion:	113	Resp:	81879
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	16.9	22.5	33.7#

Manual Integrations
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9/9/2019 9:19:00 AM



#36

1,1-Dichloropropene

Concen: 19.530 ug/l

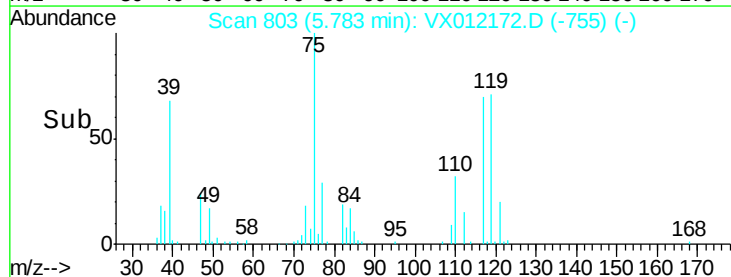
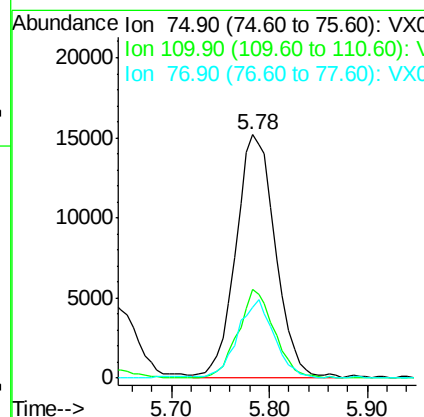
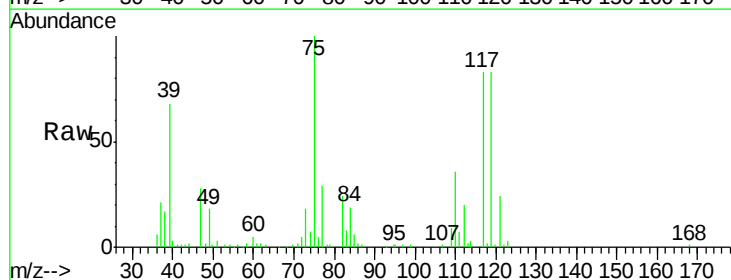
RT: 5.78 min Scan# 803

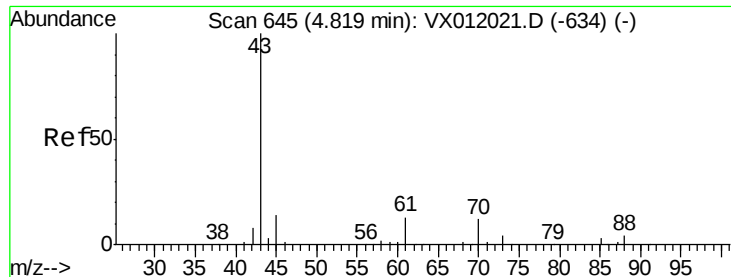
Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	75	Resp:	42227
Ion	Ratio	Lower	Upper
75	100		
110	33.8	19.5	58.5
77	30.4	24.6	37.0





#37

Ethyl Acetate

Concen: 18.809 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

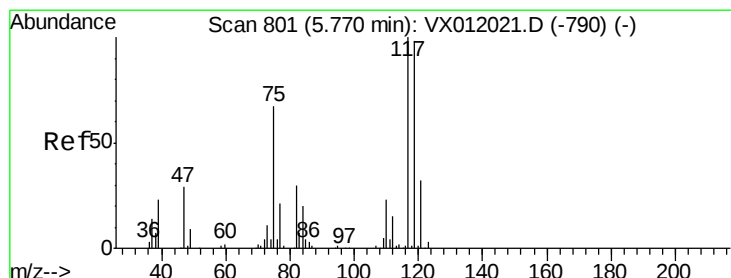
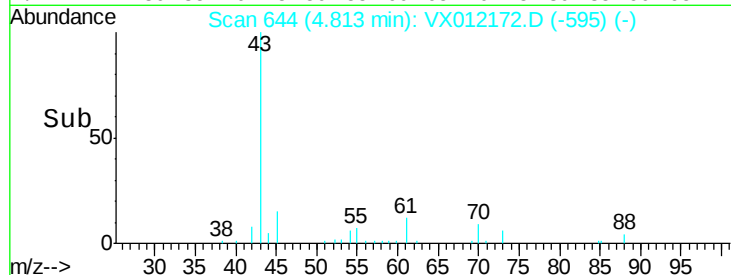
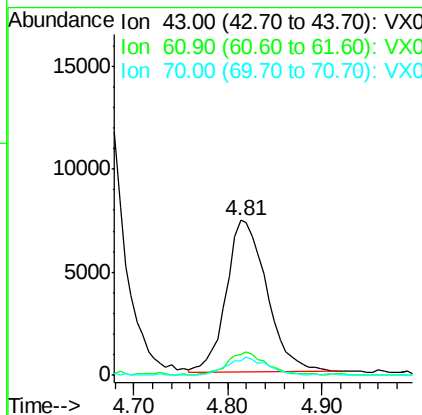
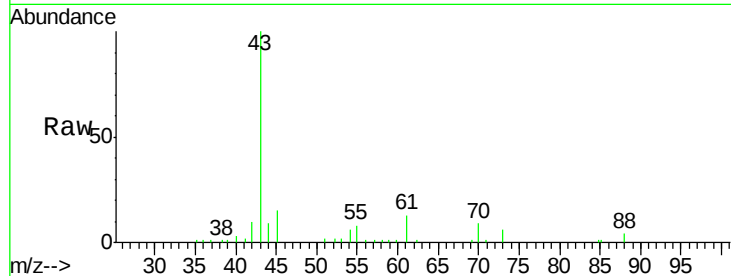
ClientSampleId :

VX0907SBS01

Tot Ion:	43	Resp:	22115
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.9	16.3
70	11.6	9.4	14.0

Manual Integrations
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9/9/2019 9:19:00 AM



#38

Carbon Tetrachloride

Concen: 20.779 ug/l

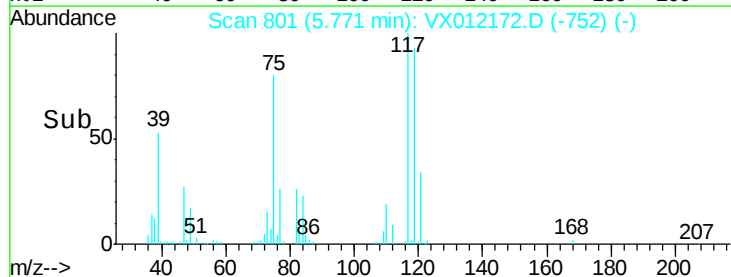
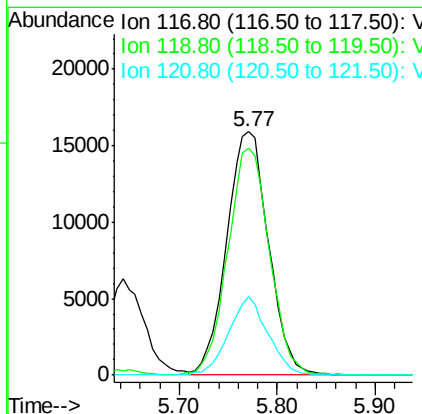
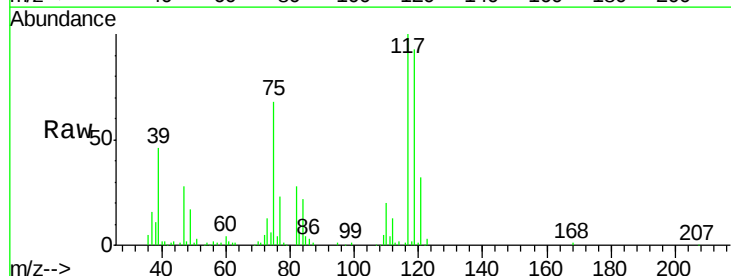
RT: 5.77 min Scan# 801

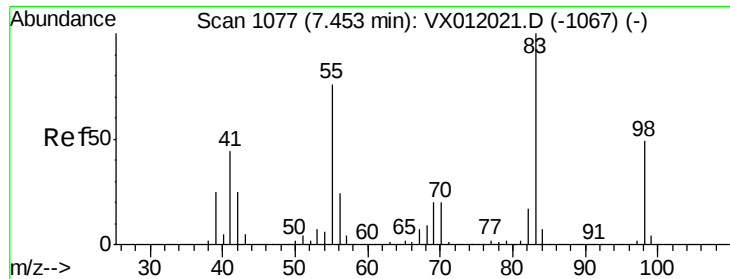
Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	117	Resp:	47342
Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.3	117.5
121	32.4	24.2	36.2





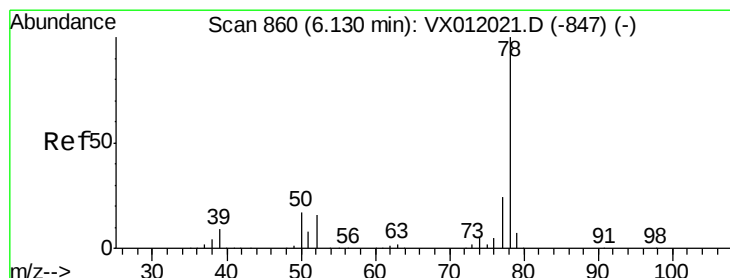
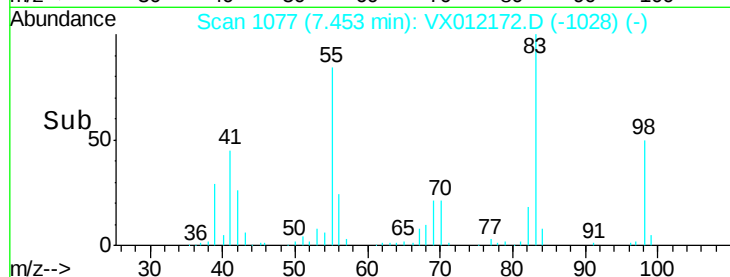
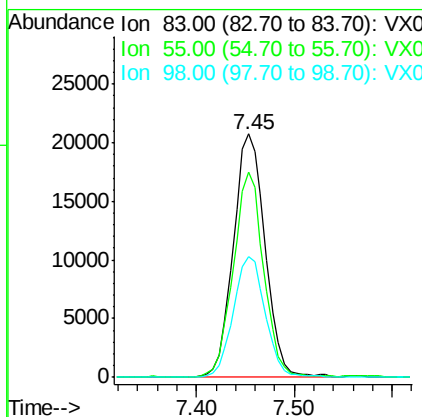
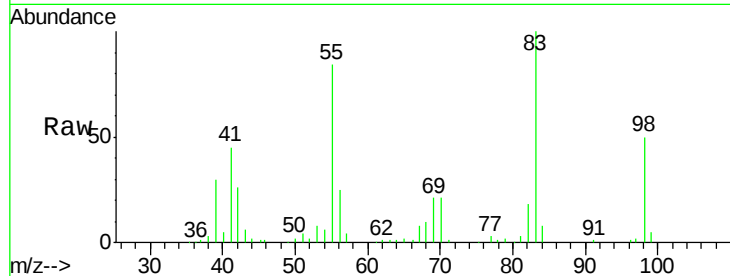
#39
Methvlcvclohexane
Concen: 18.626 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	59.6	89.4
98	49.8	41.4	62.0

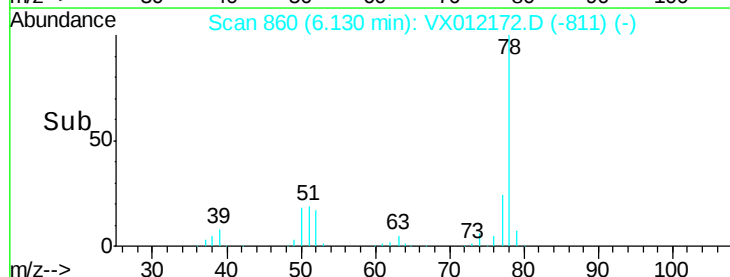
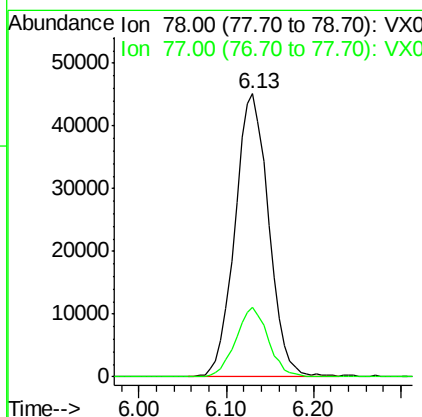
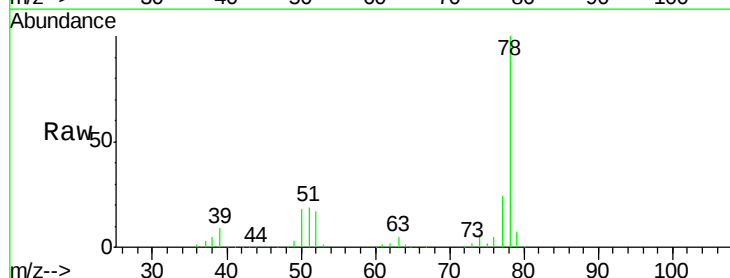
Manual Integrations
APPROVED

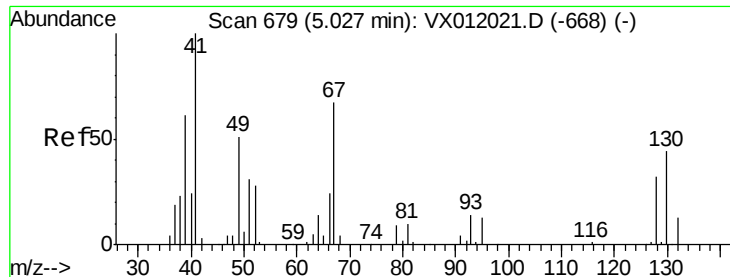
MMDadoda
9/9/2019 9:19:00 AM



#40
Benzene
Concen: 19.458 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41

Methacrylonitrile

Concen: 20.195 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

Tot Ion: 41 Resp: 14160

Ion Ratio Lower Upper

41 100

39 56.9 46.7 70.1

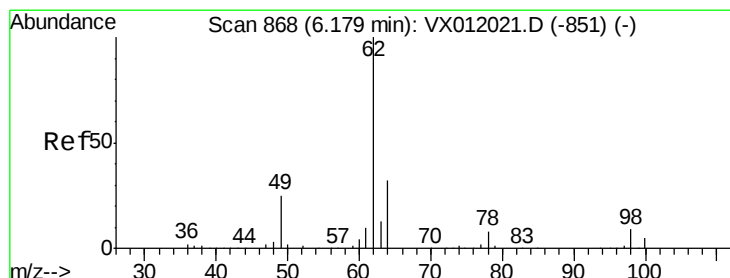
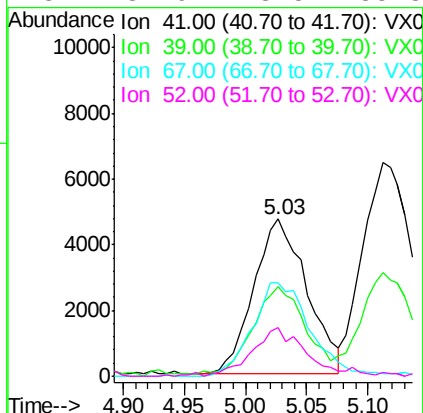
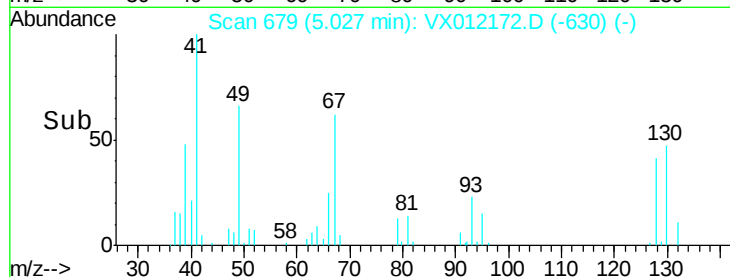
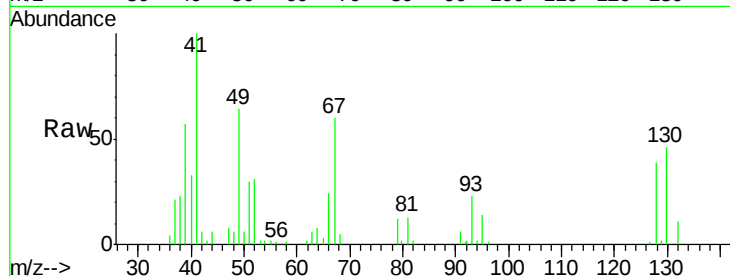
67 66.1 57.0 85.6

52 31.9 23.5 35.3

Manual Integrations
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9/9/2019 9:19:00 AM



#42

1,2-Dichloroethane

Concen: 20.433 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012172.D

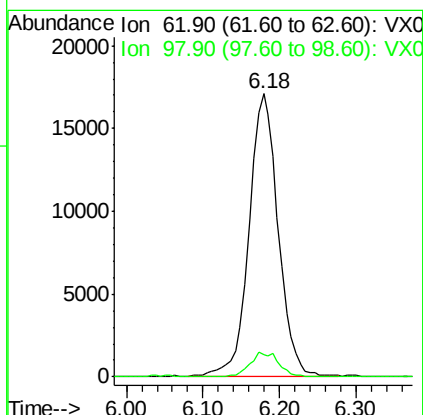
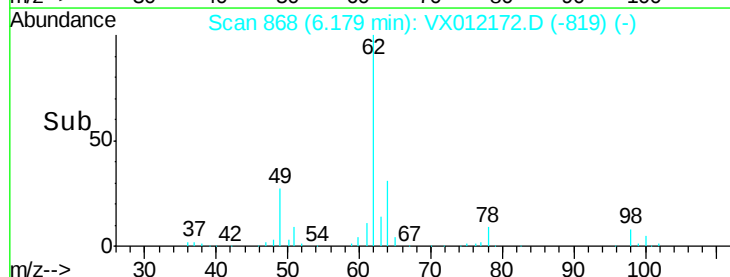
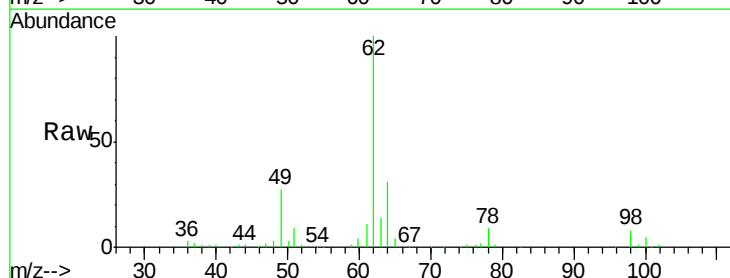
Acq: 07 Sep 2019 13:15

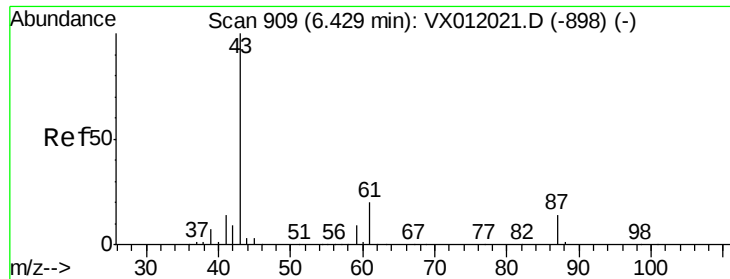
Tgt Ion: 62 Resp: 45641

Ion Ratio Lower Upper

62 100

98 8.5 0.0 19.2





#43

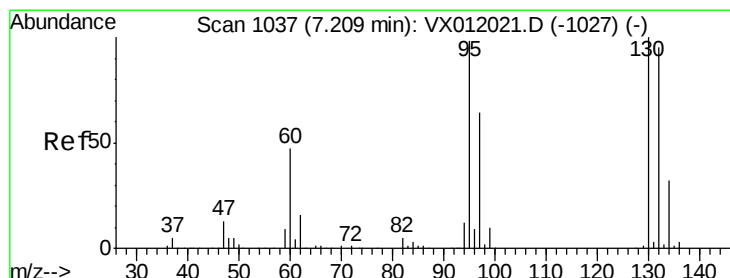
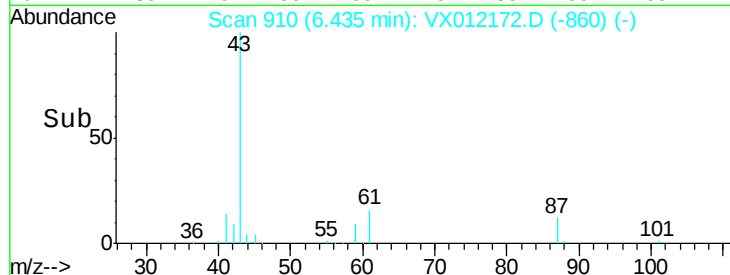
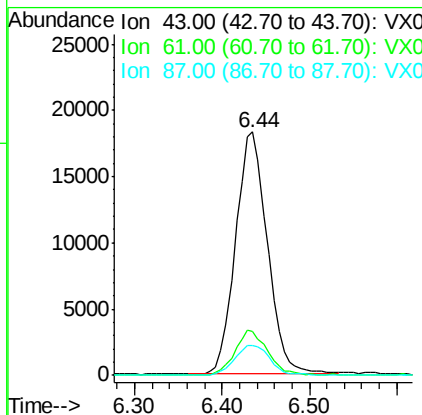
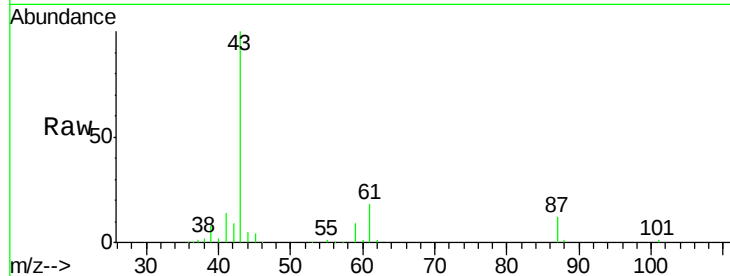
Isopropyl Acetate
 Concen: 19.333 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	13.6	11.3	16.9

Manual Integrations
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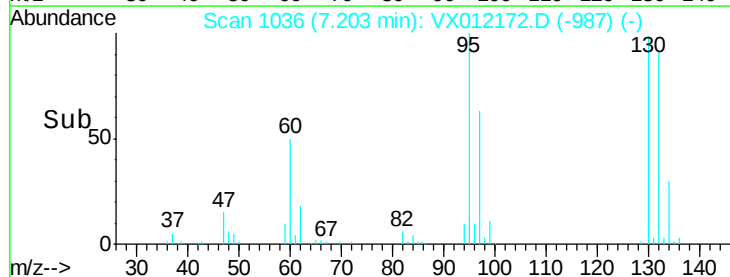
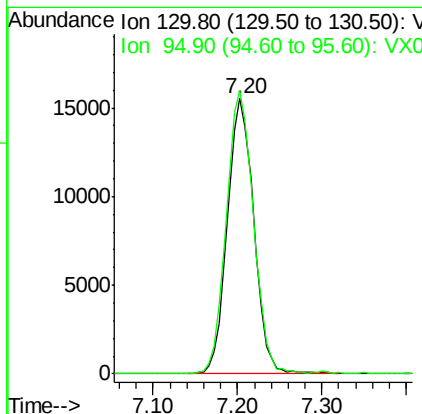
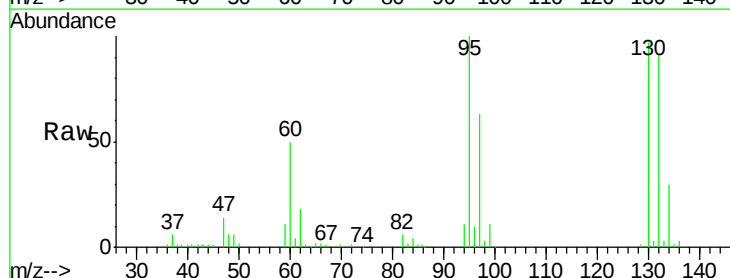
MMDadoda
 9/9/2019 9:19:00 AM

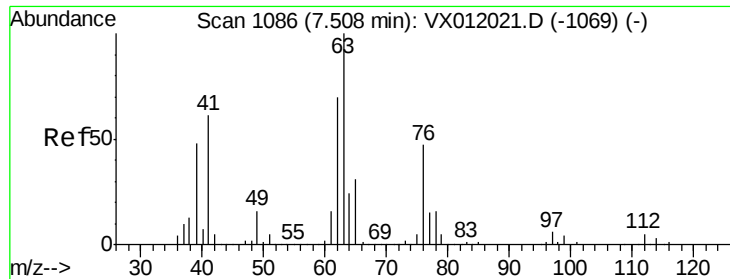


#44

Trichloroethene
 Concen: 19.637 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	176.4





#45

1,2-Dichloropropane

Concen: 19.689 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion: 63 Resp: 31575

Ion Ratio Lower Upper

63 100

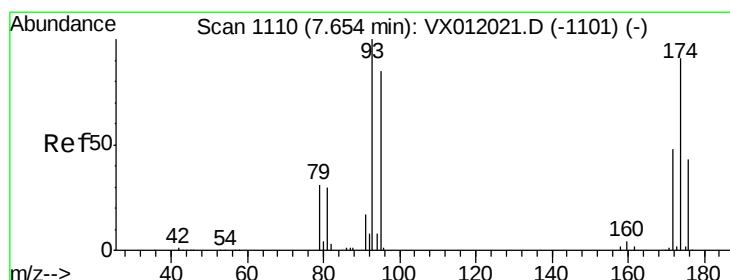
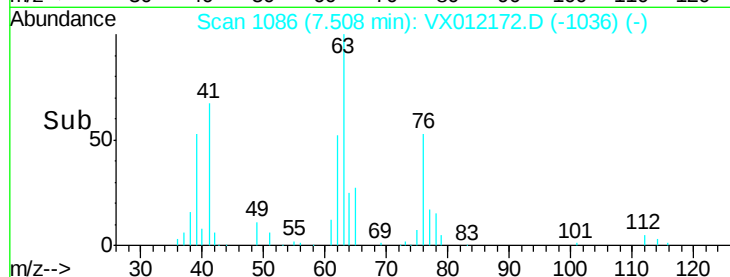
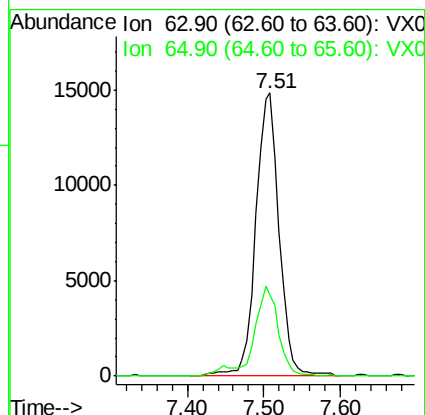
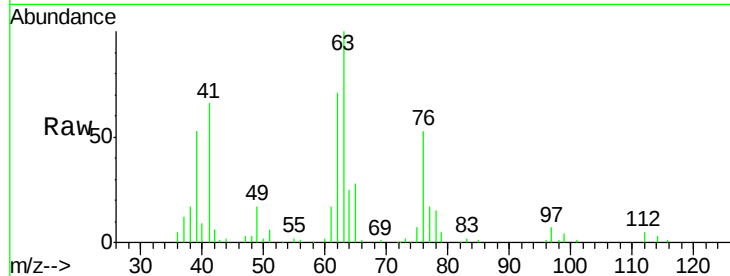
65 28.5 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.435 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

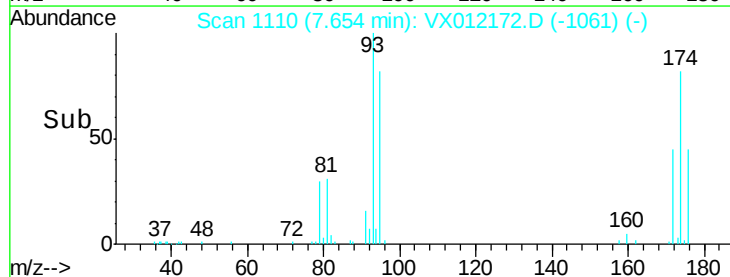
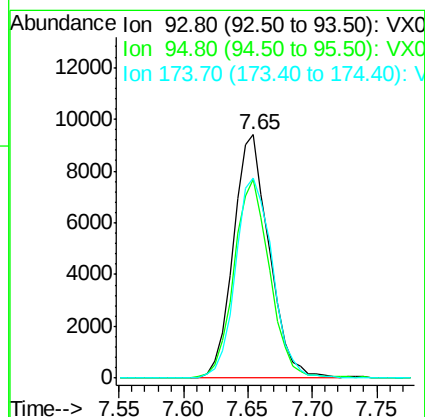
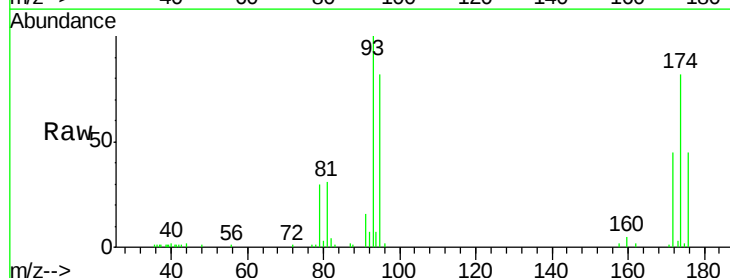
Tgt Ion: 93 Resp: 18195

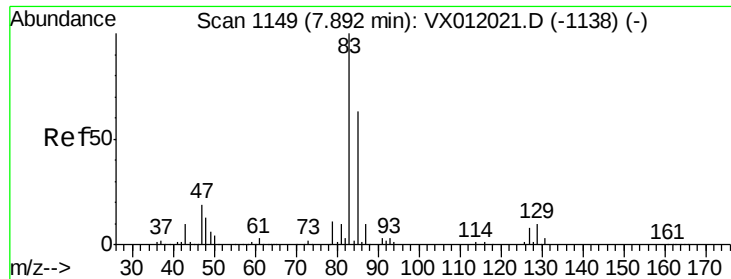
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 84.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.055 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

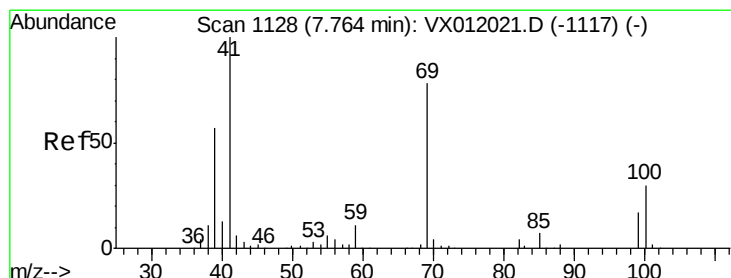
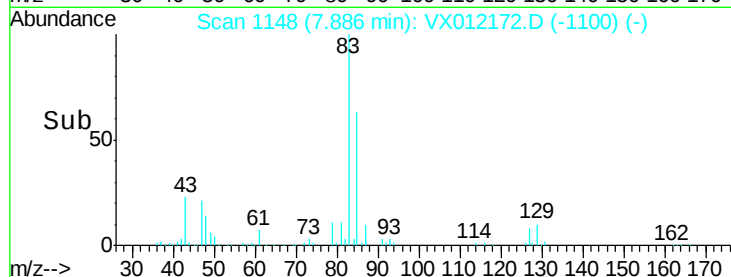
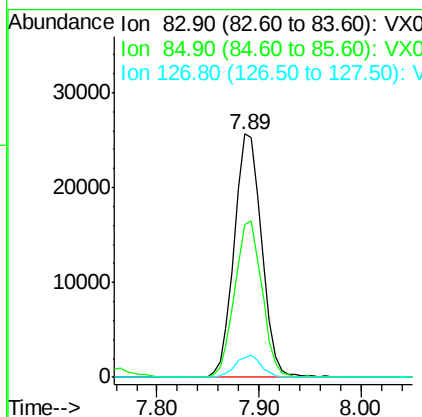
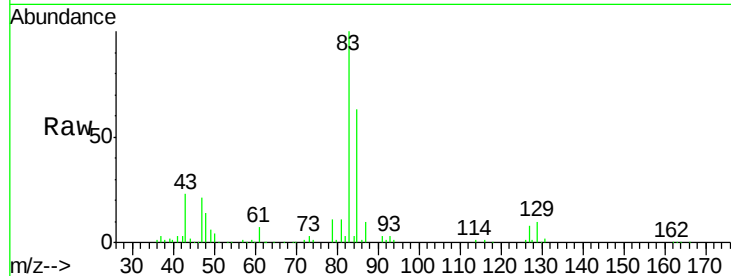
ClientSampled :

VX0907SBS01

Tot Ion:	83	Resp:	47724
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.3	75.5
127	7.9	8.1	12.1#

Manual Integrations
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9/9/2019 9:19:00 AM



#48

Methyl methacrylate

Concen: 18.915 ug/l

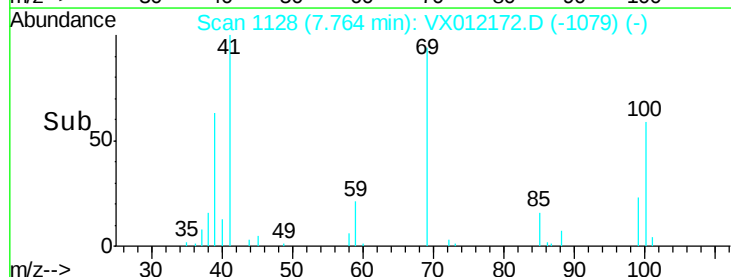
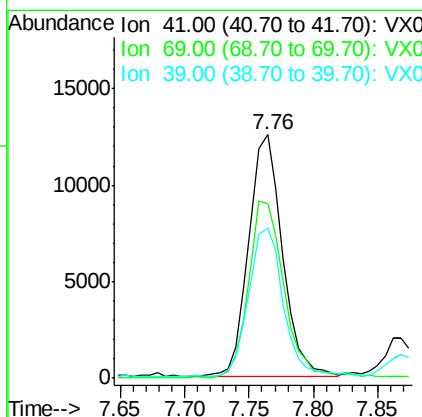
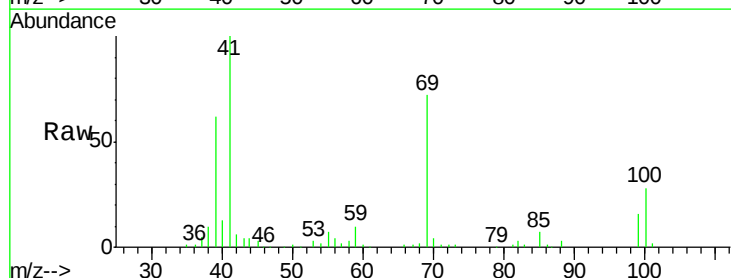
RT: 7.76 min Scan# 1128

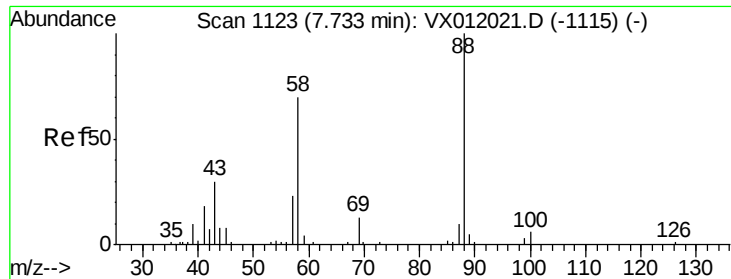
Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	41	Resp:	22737
Ion Ratio	Lower	Upper	
41	100		
69	76.4	66.3	99.5
39	62.7	48.1	72.1





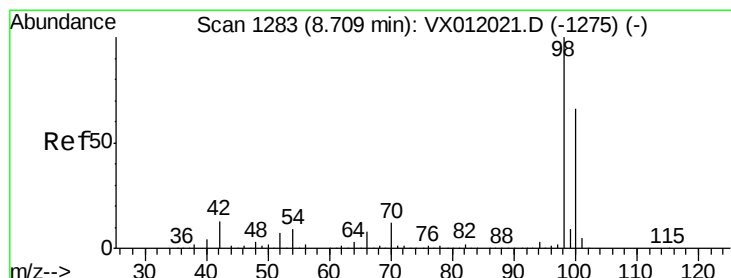
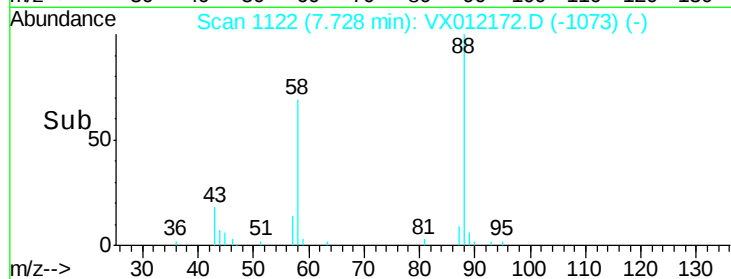
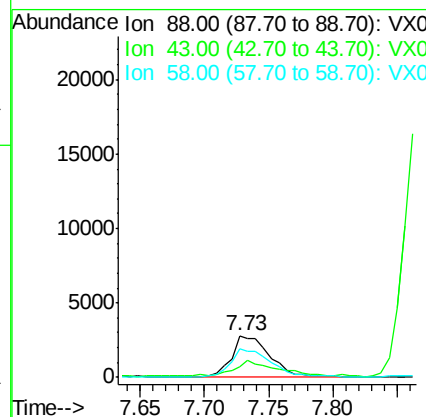
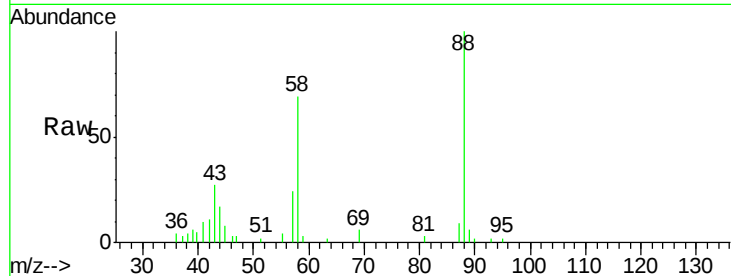
#49
1,4-Dioxane
Concen: 354.064 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.8	44.6
58	73.1	55.4	83.2

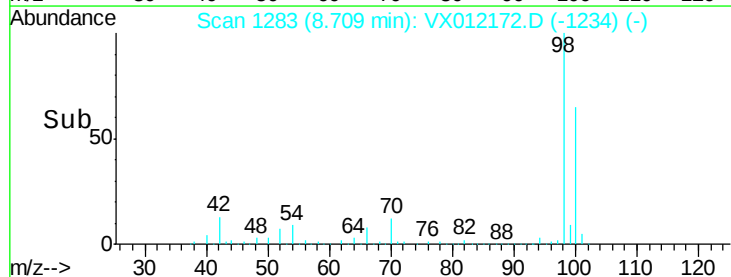
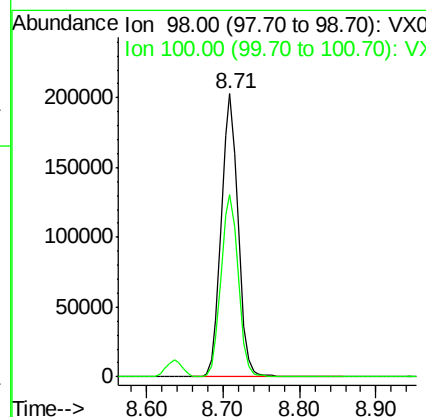
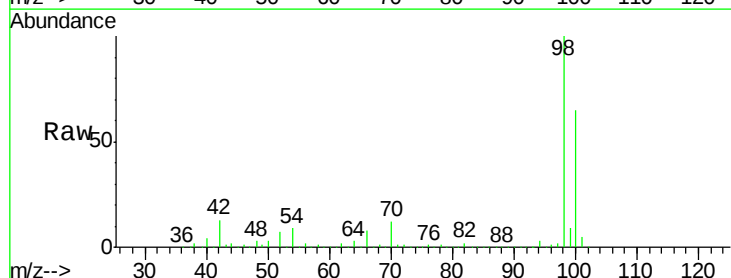
Manual Integrations
APPROVED

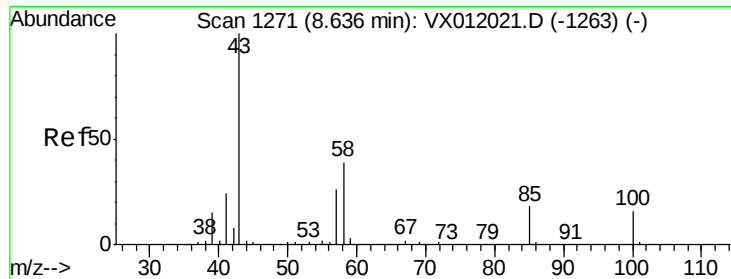
MMDadoda
9/9/2019 9:19:00 AM



#50
Toluene-d8
Concen: 56.030 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 97.315 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0907SBS01

Tot Ion: 43 Resp: 118337

Ion Ratio Lower Upper

43 100

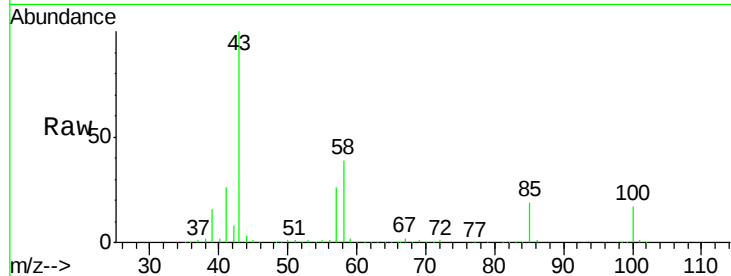
58 38.0 31.5 47.3

Manual Integrations

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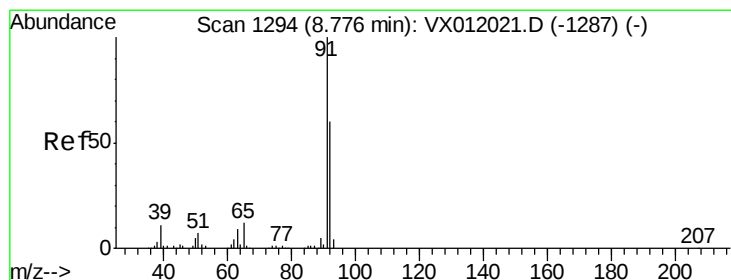
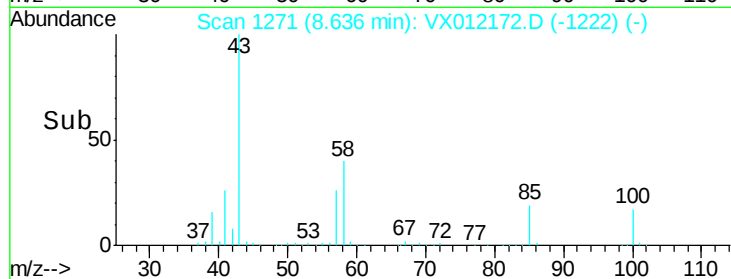
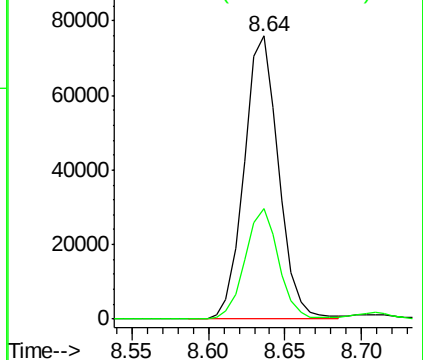
MMDadoda

9/9/2019 9:19:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.718 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012172.D

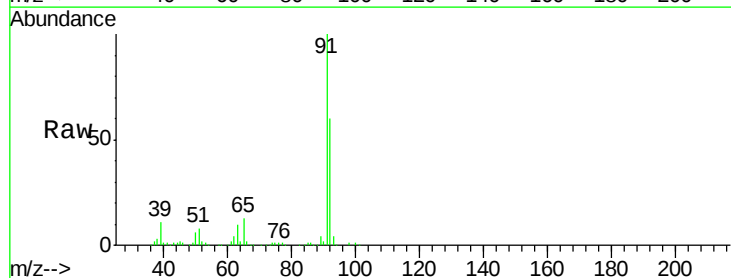
Acq: 07 Sep 2019 13:15

Tgt Ion: 92 Resp: 79633

Ion Ratio Lower Upper

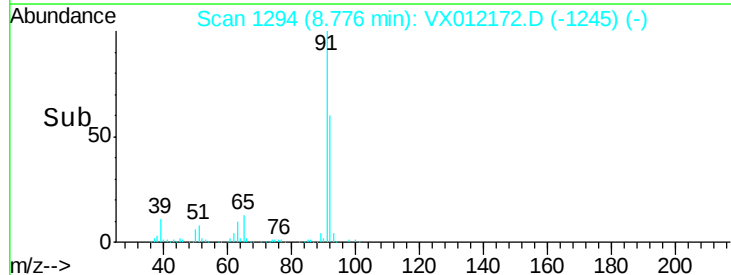
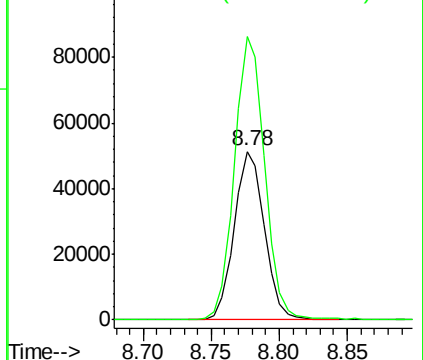
92 100

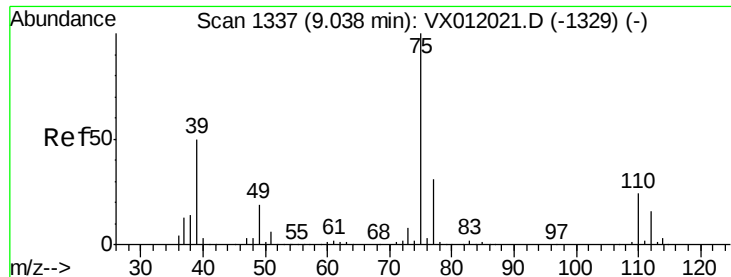
91 168.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





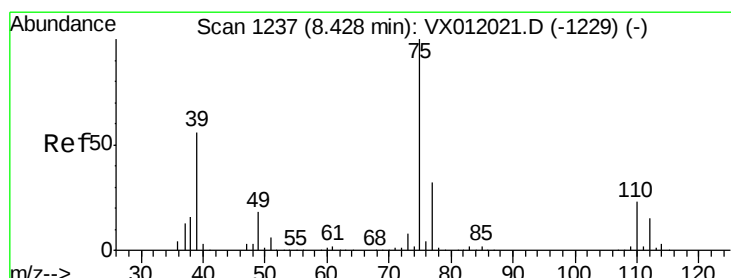
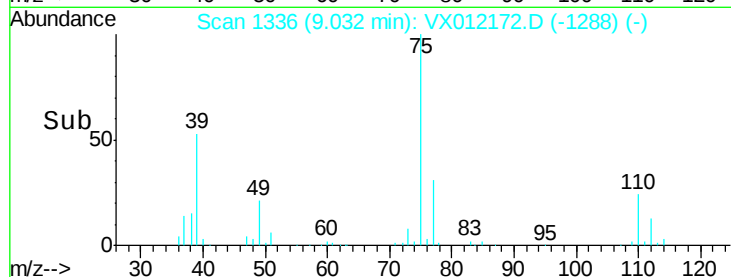
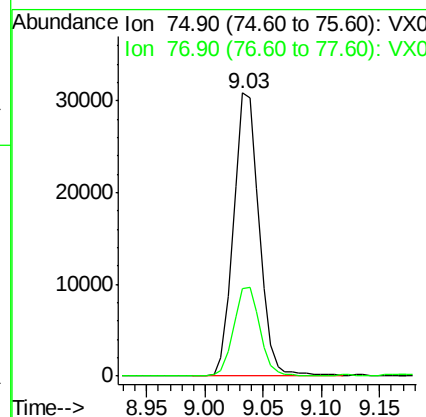
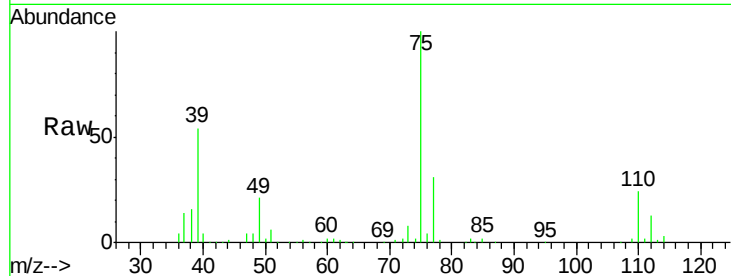
#53
t-1,3-Dichloropropene
Concen: 19.228 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion: 75 Resp: 47372
Ion Ratio Lower Upper
75 100
77 31.0 25.1 37.7

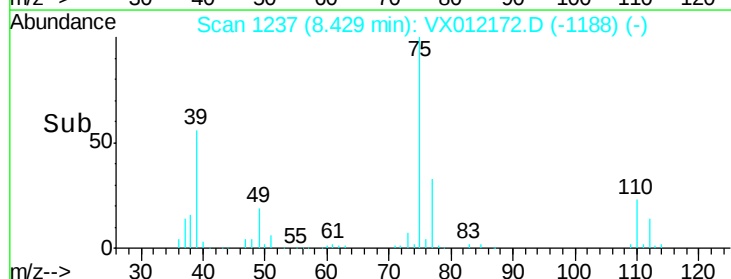
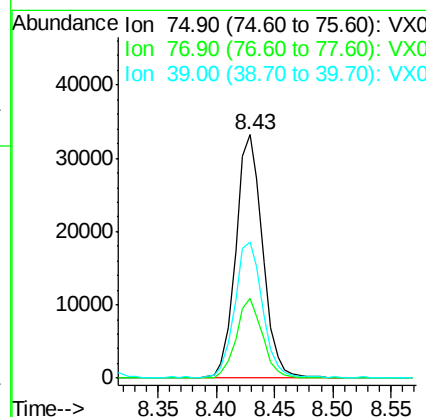
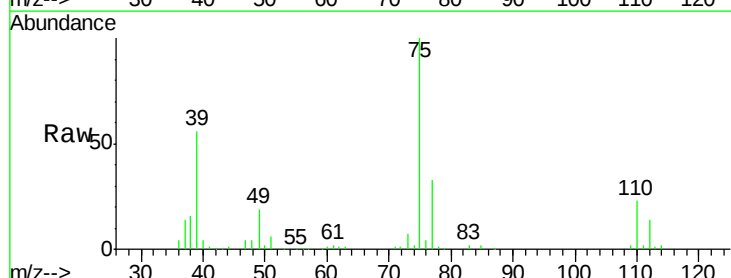
Manual Integrations
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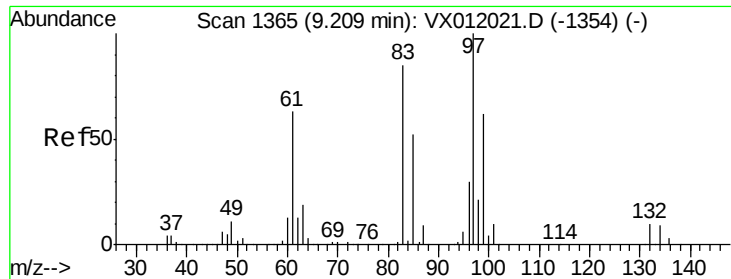
MMDadoda
9/9/2019 9:19:00 AM



#54
cis-1,3-Dichloropropene
Concen: 19.499 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 75 Resp: 53421
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 55.7 43.0 64.4





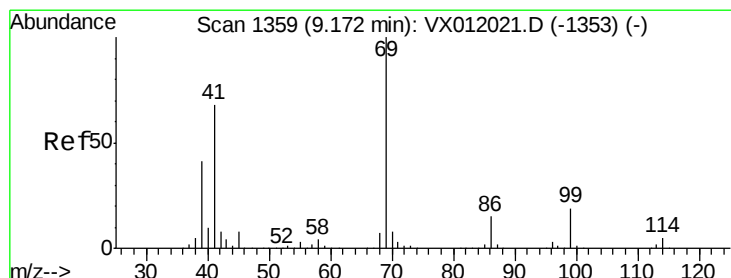
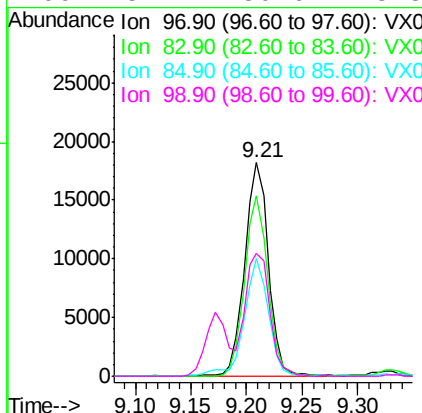
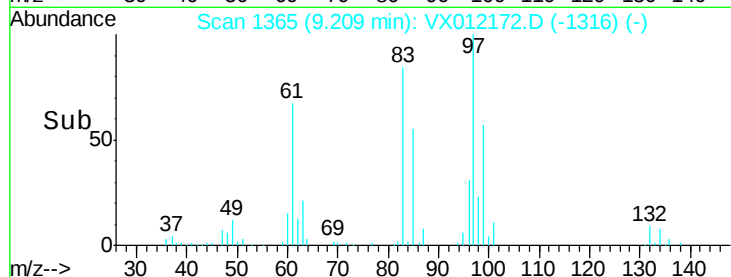
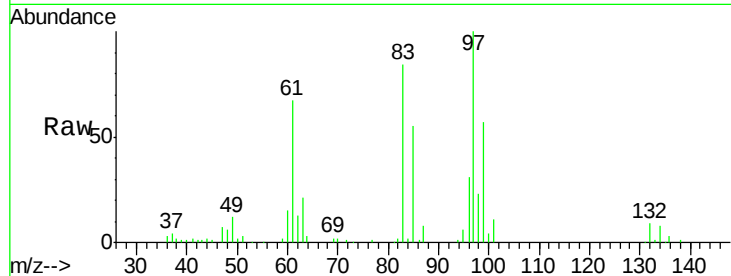
#55
 1,1,2-Trichloroethane
 Concen: 20.141 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion:	97	Resp:	26957
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.0	99.0
85	55.0	41.0	61.6
99	57.4	50.6	75.8

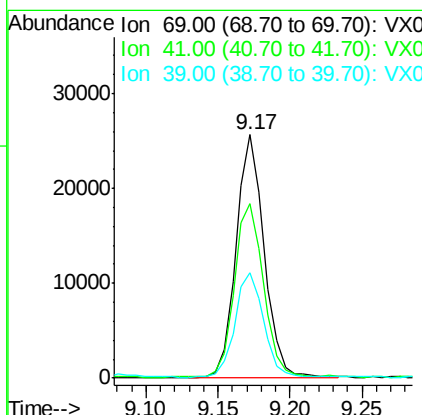
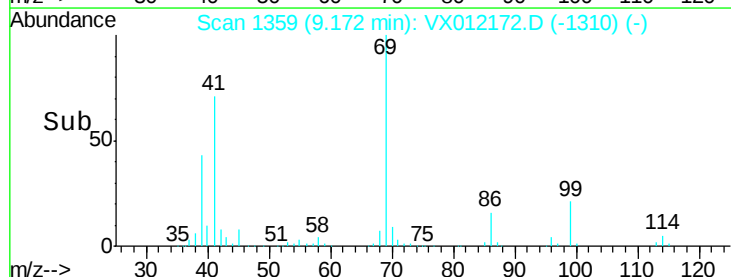
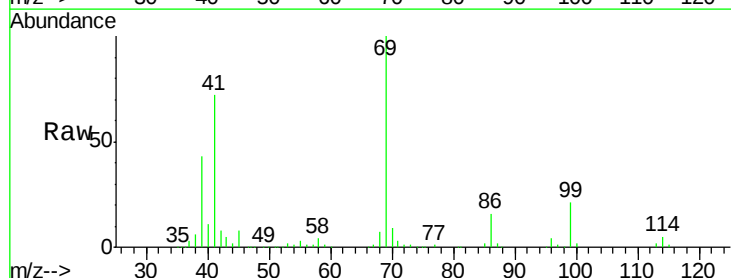
Manual Integrations
 APPROVED

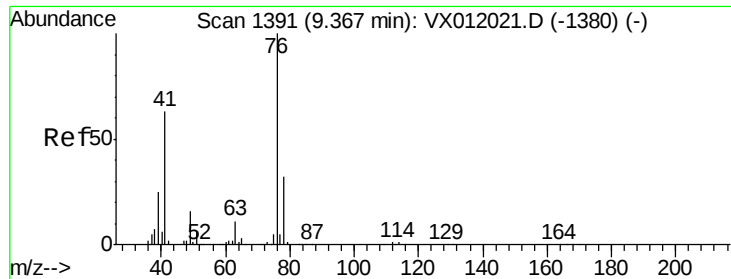
MMDadoda
 9/9/2019 9:19:00 AM



#56
 Ethyl methacrylate
 Concen: 18.250 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:	69	Resp:	34988
Ion	Ratio	Lower	Upper
69	100		
41	75.5	53.9	80.9
39	43.2	31.1	46.7





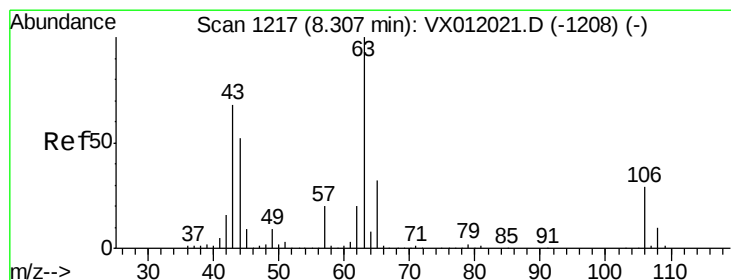
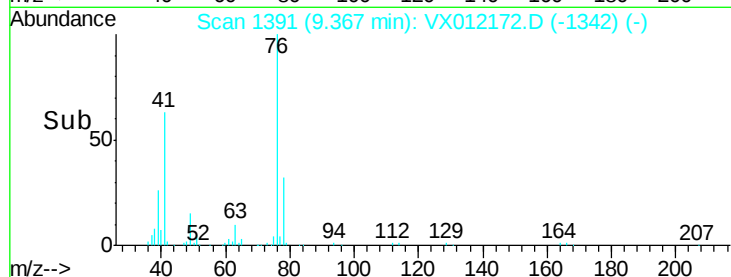
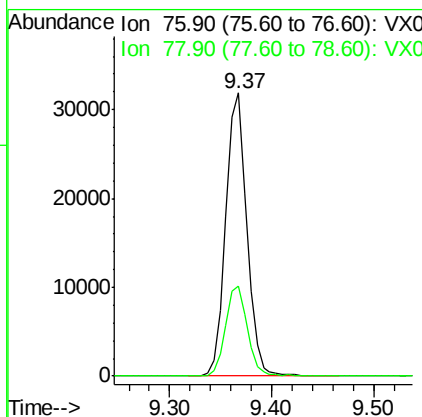
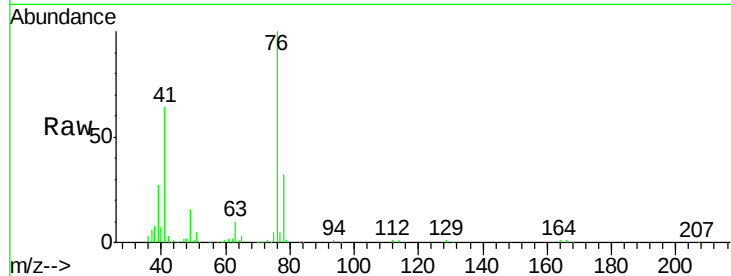
#57
 1,3-Dichloropropane
 Concen: 19.778 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.5	38.3

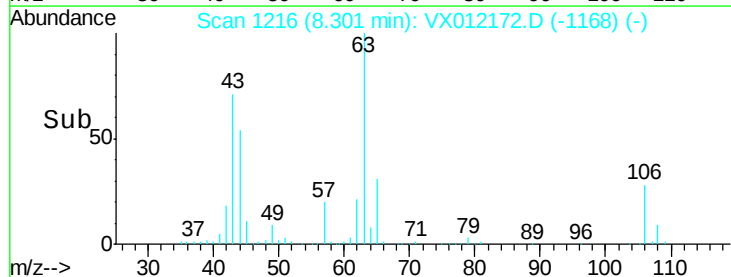
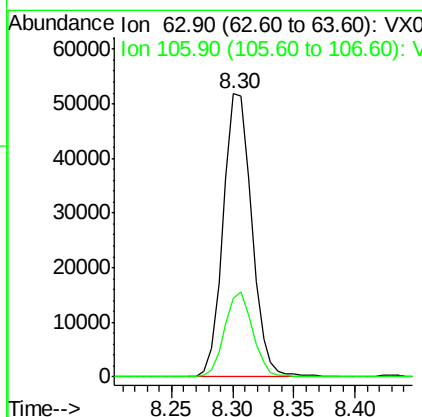
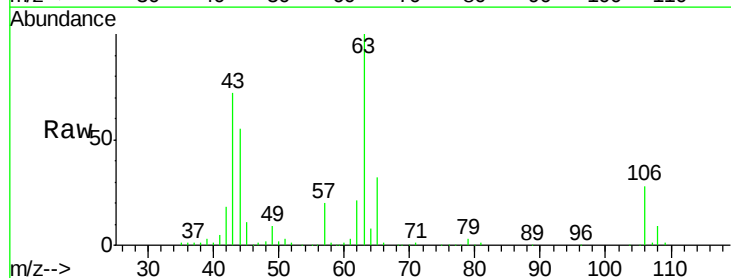
Manual Integrations
 APPROVED

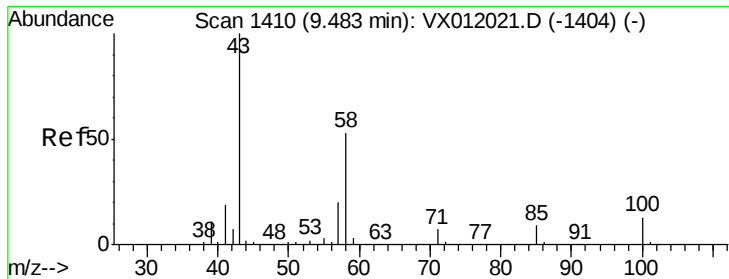
MMDadoda
 9/9/2019 9:19:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.431 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	26.5	39.7





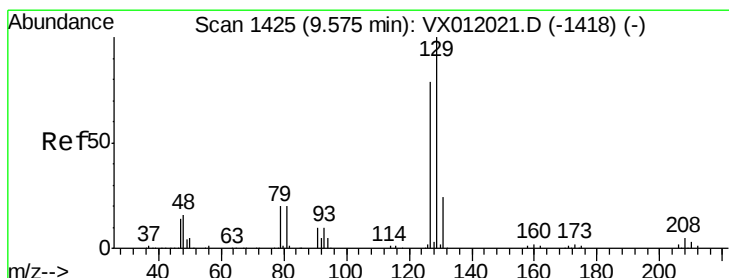
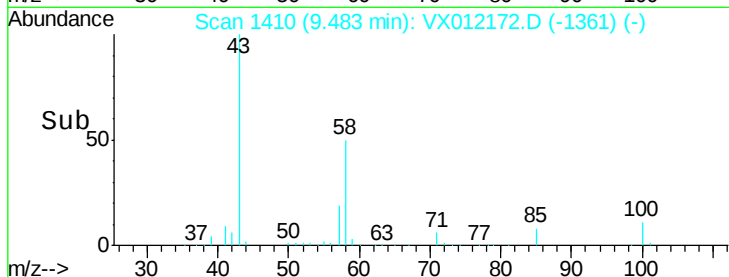
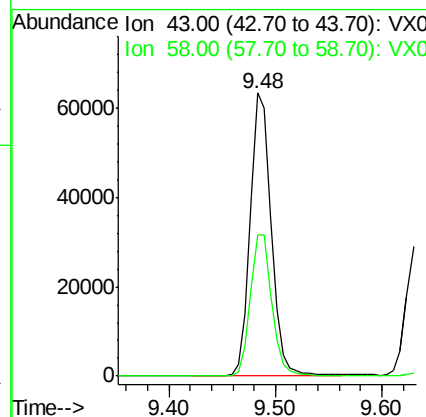
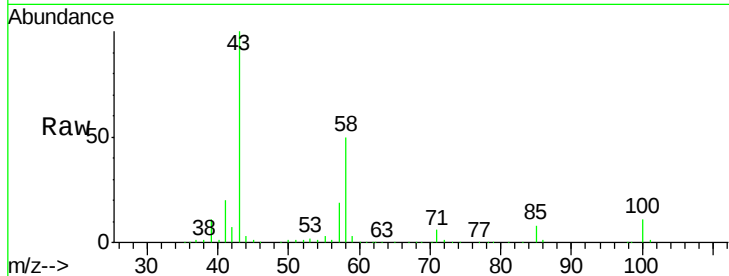
#59
2-Hexanone
Concen: 99.447 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion: 43 Resp: 88239
Ion Ratio Lower Upper
43 100
58 51.8 27.2 81.6

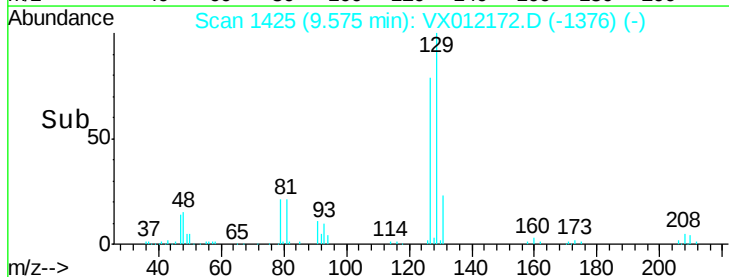
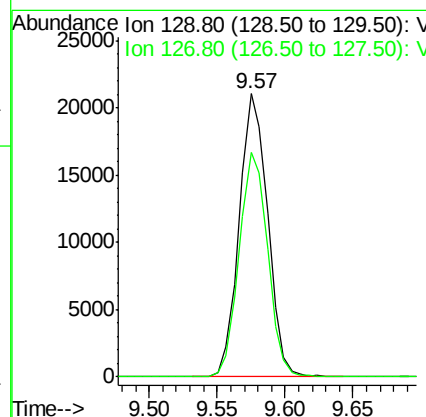
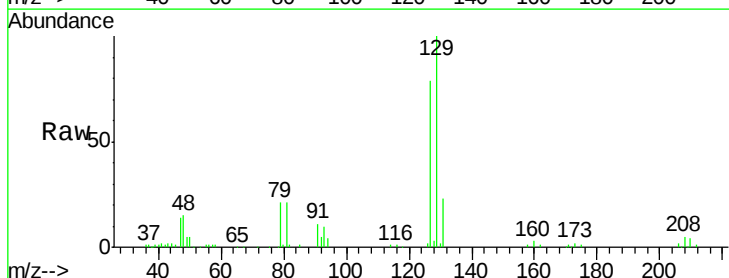
Manual Integrations
APPROVED

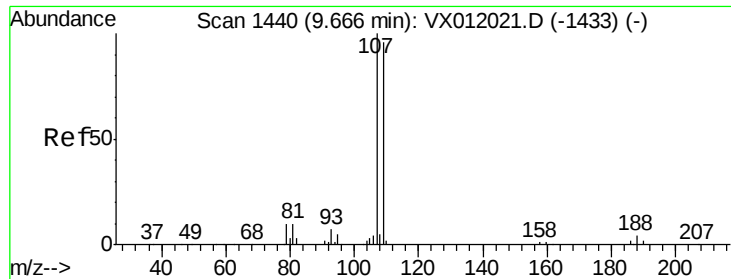
MMDadoda
9/9/2019 9:19:00 AM



#60
Dibromochloromethane
Concen: 19.230 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 129 Resp: 30674
Ion Ratio Lower Upper
129 100
127 79.7 38.1 114.5





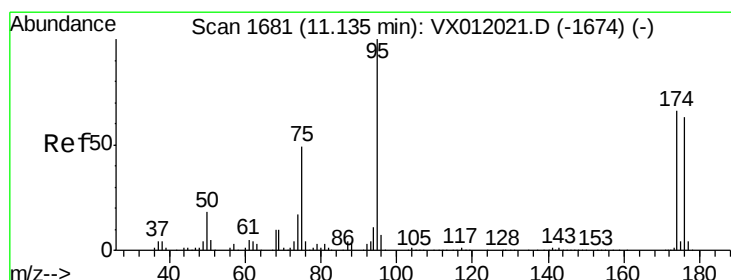
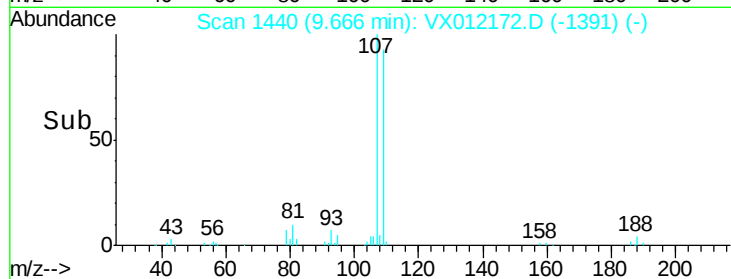
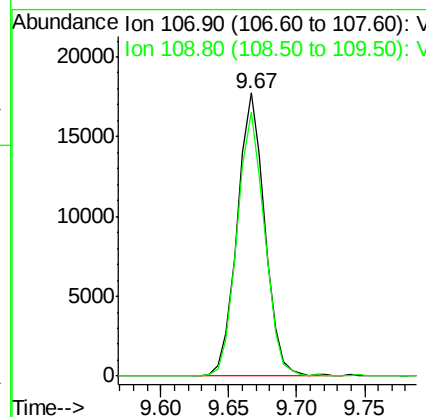
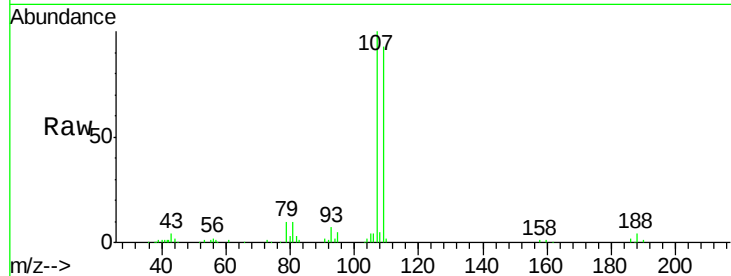
#61
 1,2-Dibromoethane
 Concen: 19.339 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.9	115.3

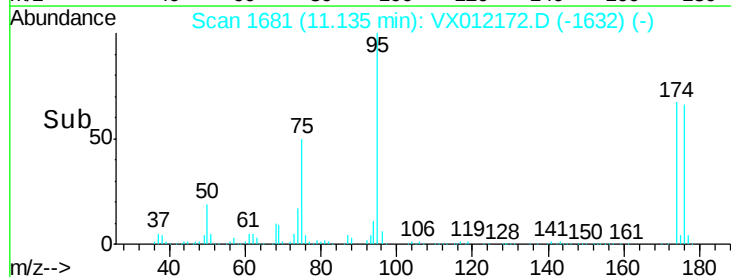
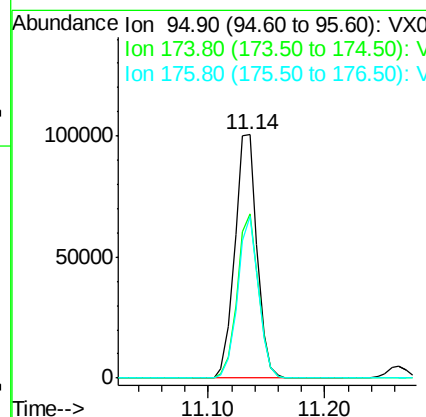
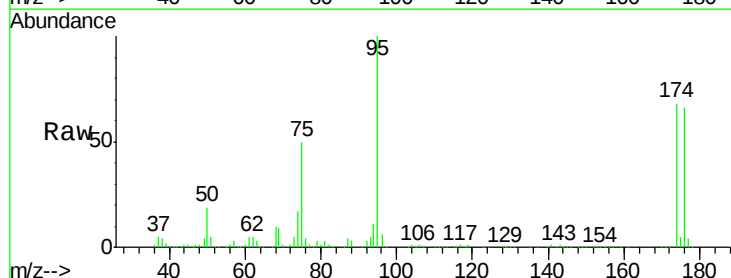
Manual Integrations
 APPROVED

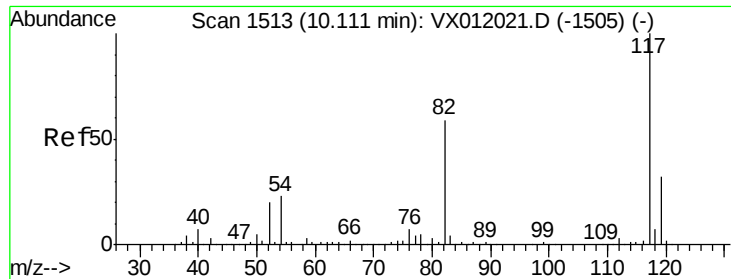
MMDadoda
 9/9/2019 9:19:00 AM



#62
 4-Bromofluorobenzene
 Concen: 51.862 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.7	0.0	205.4
176	62.3	0.0	201.8





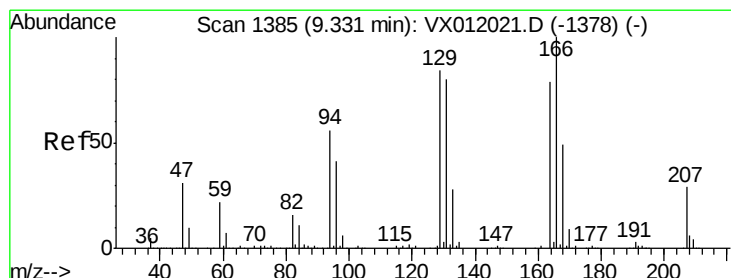
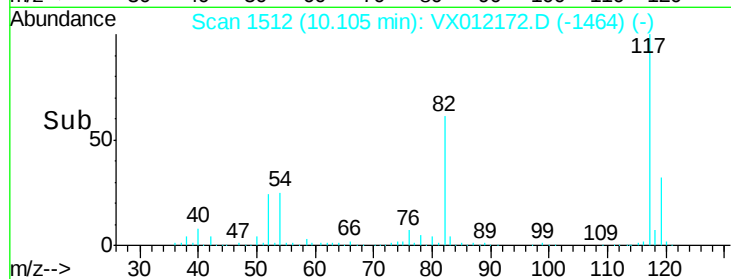
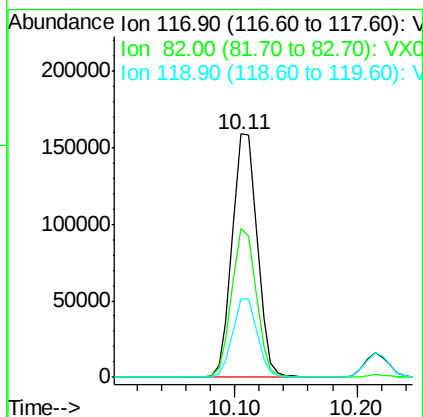
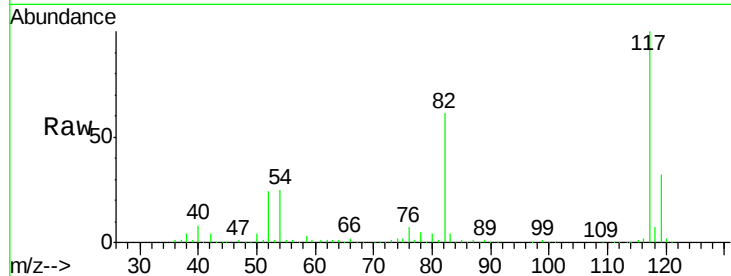
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	224485		
82	61.2	39.4	59.0#	
119	32.0	26.1	39.1	

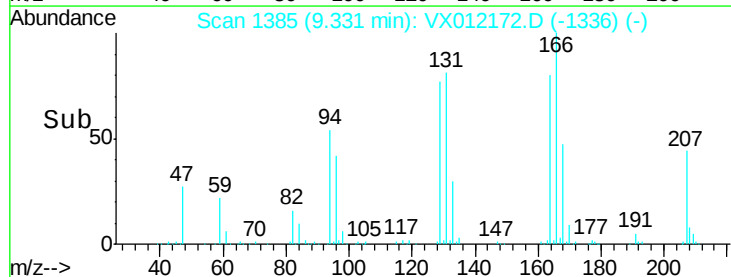
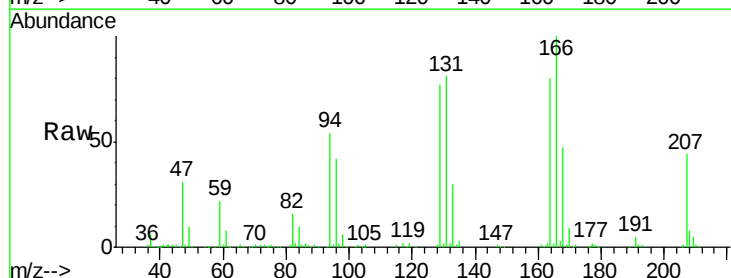
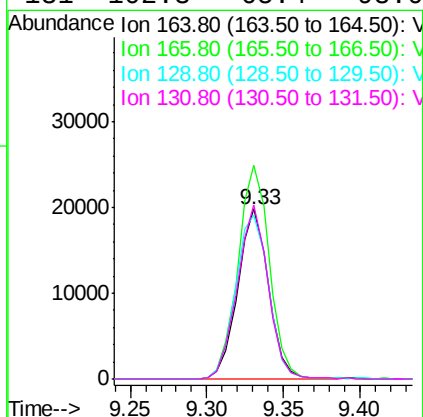
Manual Integrations
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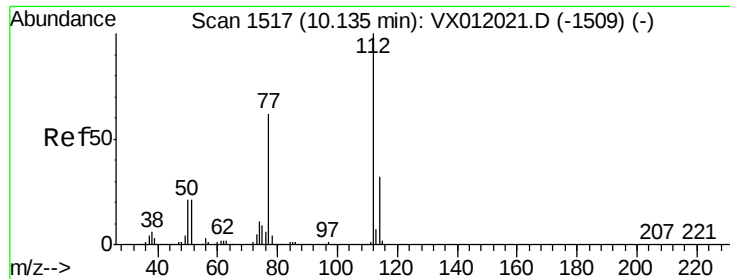
MMDadoda
9/9/2019 9:19:00 AM



#64
Tetrachloroethene
Concen: 19.707 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27581		
166	125.6	104.3	156.5	
129	96.7	68.3	102.5	
131	102.3	65.4	98.0#	





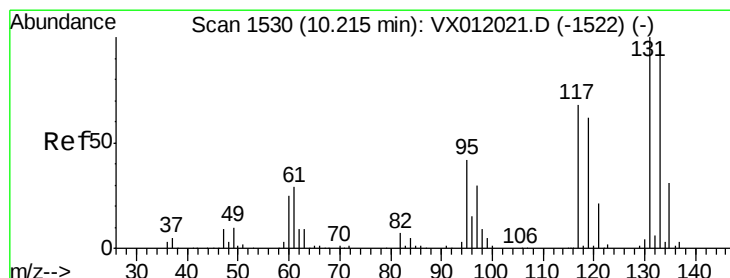
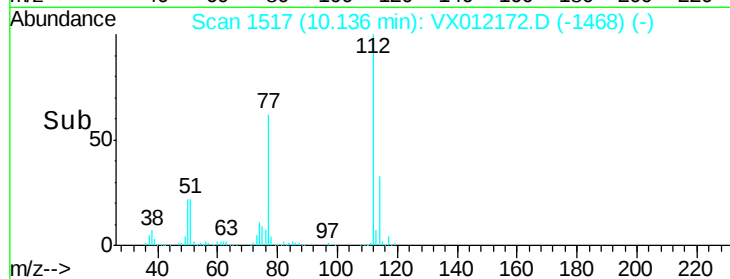
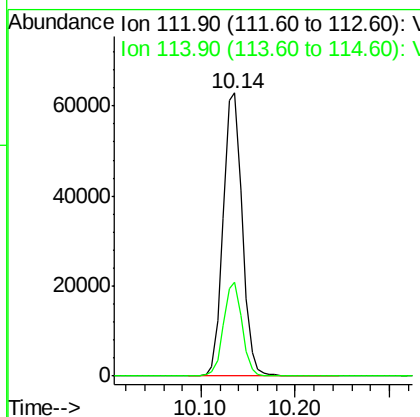
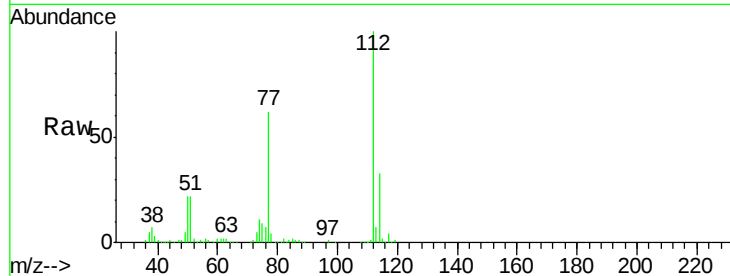
#65
Chlorobenzene
Concen: 19.947 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion:112 Resp: 88348
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2

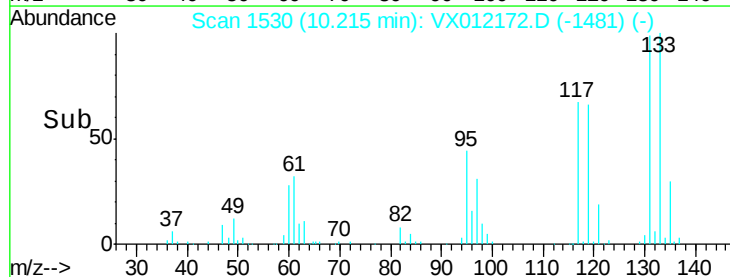
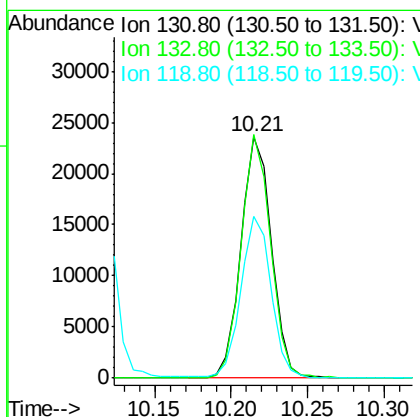
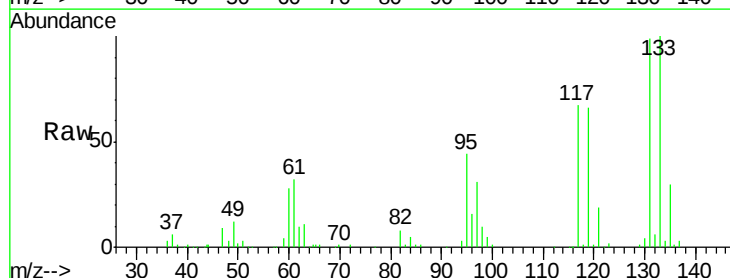
Manual Integrations
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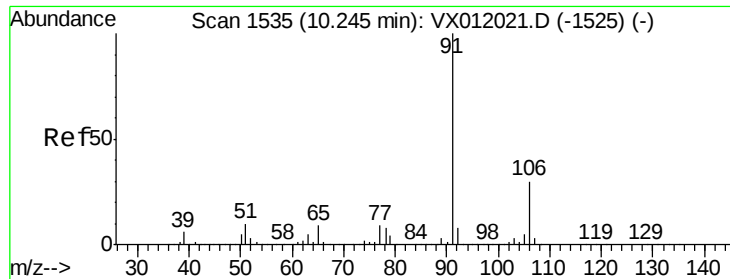
MMDadoda
9/9/2019 9:19:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.145 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:131 Resp: 32625
Ion Ratio Lower Upper
131 100
133 97.3 48.4 145.0
119 66.7 30.5 91.5





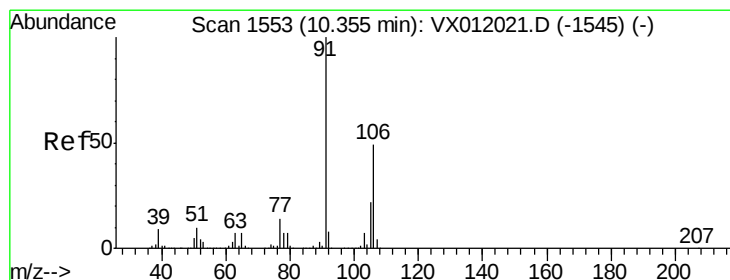
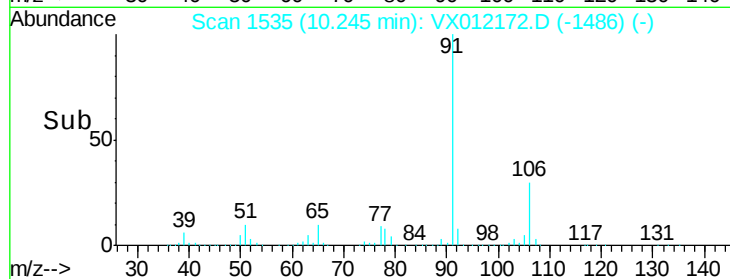
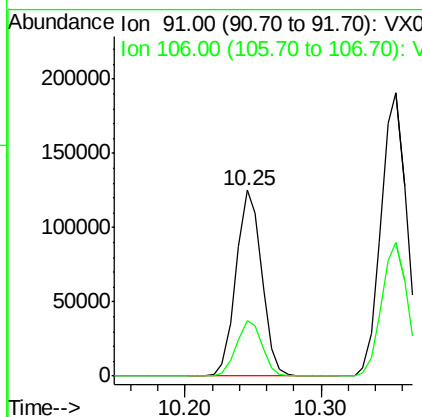
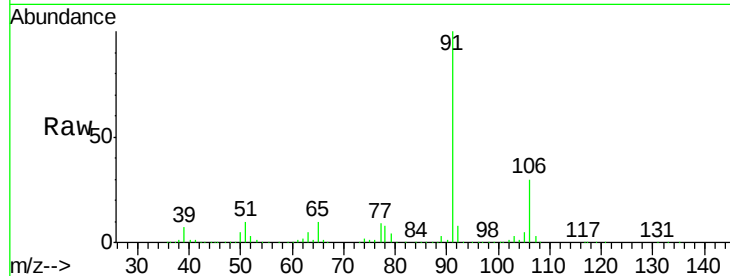
#67
Ethyl Benzene
Concen: 20.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampled :
VX0907SBS01

Tot Ion: 91 Resp: 164524
Ion Ratio Lower Upper
91 100
106 29.8 25.8 38.8

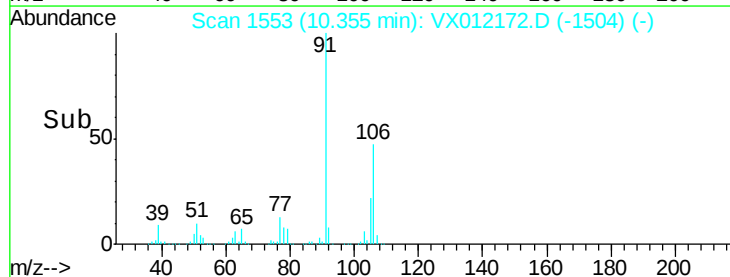
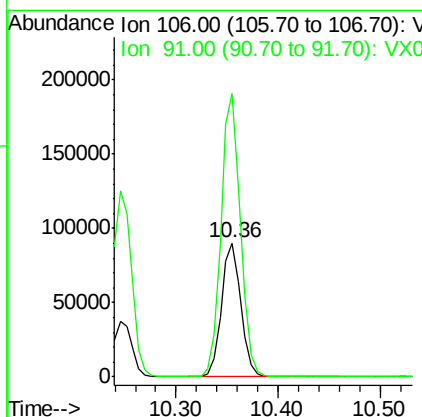
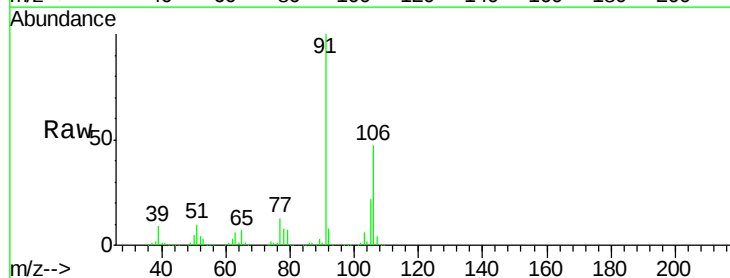
Manual Integrations
APPROVED

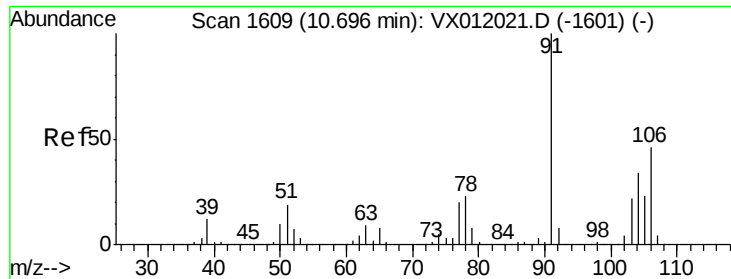
MMDadoda
9/9/2019 9:19:00 AM



#68
m/p-Xylenes
Concen: 40.190 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 106 Resp: 119552
Ion Ratio Lower Upper
106 100
91 210.5 157.5 236.3





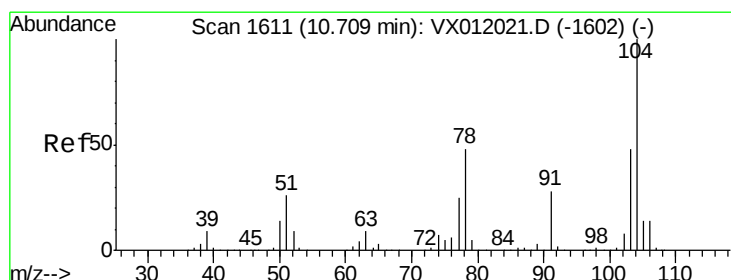
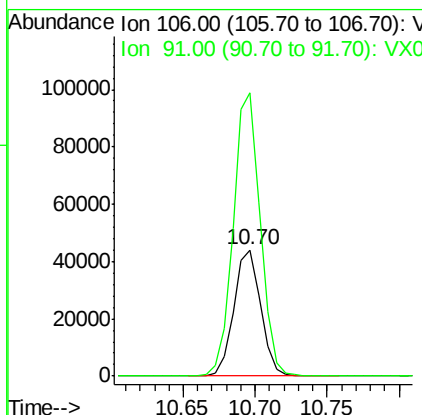
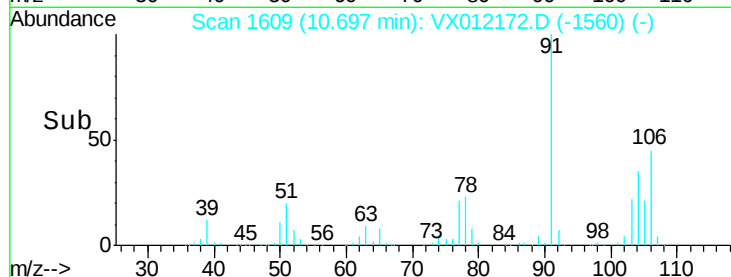
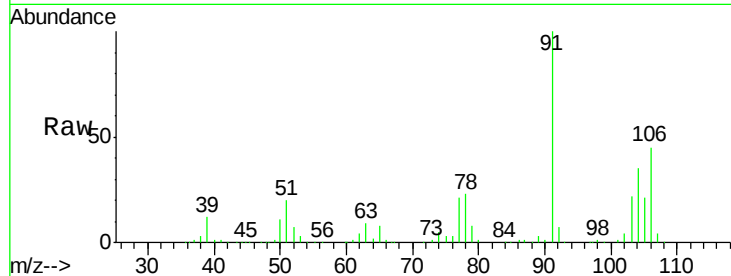
#69
o-Xylene
Concen: 19.918 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion:106 Resp: 57454
Ion Ratio Lower Upper
106 100
91 225.4 103.5 310.3

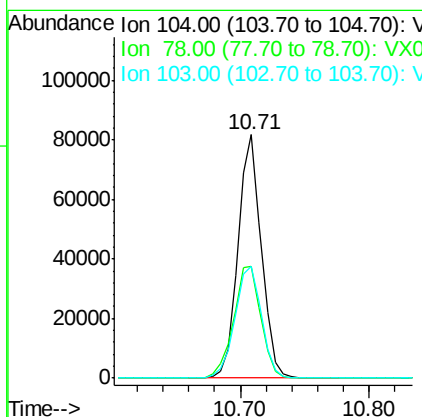
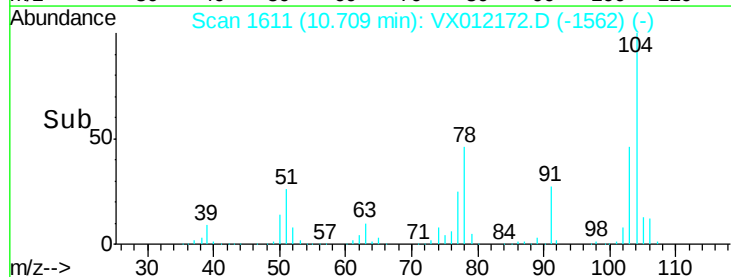
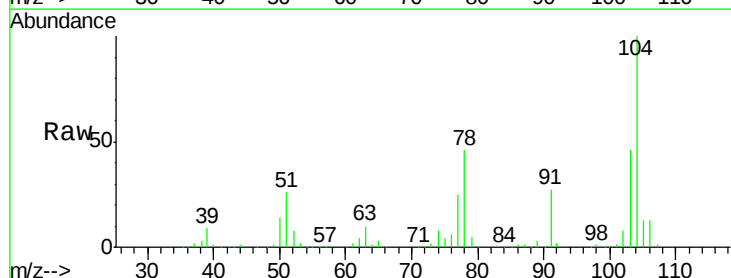
Manual Integrations
APPROVED

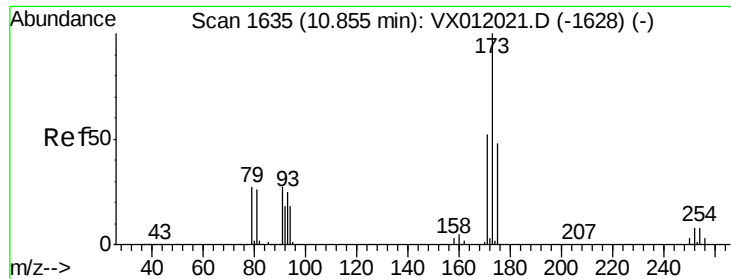
MMDadoda
9/9/2019 9:19:00 AM



#70
Styrene
Concen: 20.521 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:104 Resp: 102814
Ion Ratio Lower Upper
104 100
78 54.3 39.1 58.7
103 52.5 43.4 65.2





#71

Bromoform

Concen: 18.449 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

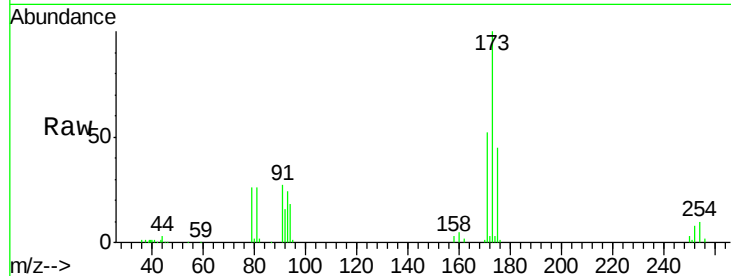
ClientSampleId :

VX0907SBSD01

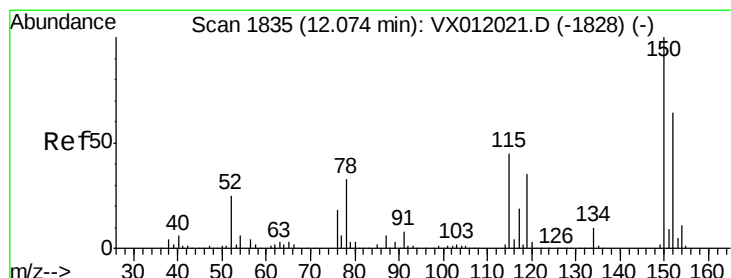
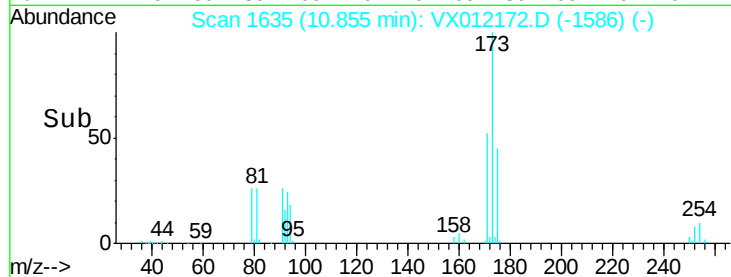
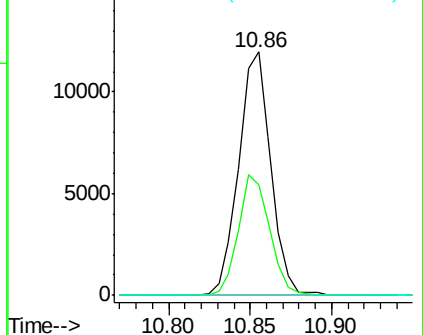
Tot Ion:	173	Resp:	16411
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.9	74.7
254	0.0	0.1	0.1#

Manual Integrations
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9/9/2019 9:19:00 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

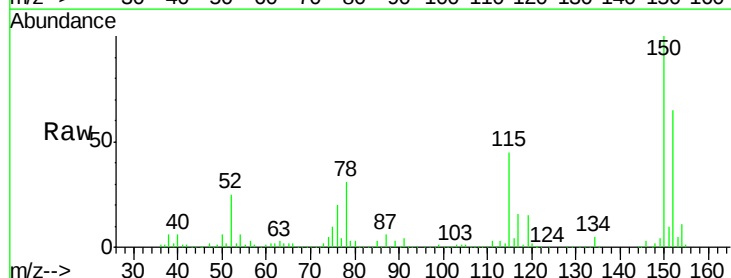
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

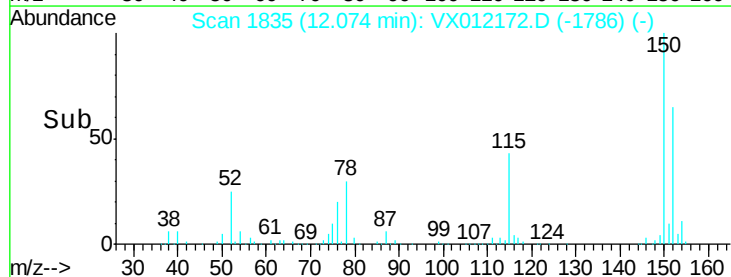
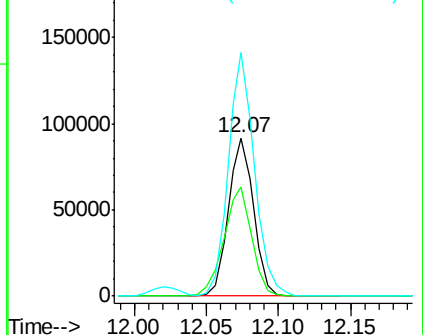
Lab File: VX012172.D

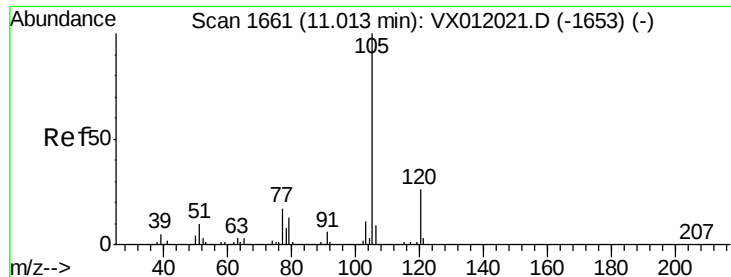
Acq: 07 Sep 2019 13:15

Tgt Ion:	152	Resp:	112280
Ion Ratio	Lower	Upper	
152	100		
115	76.2	36.4	109.3
150	159.9	0.0	341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.001 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion: 105 Resp: 164770

Ion Ratio Lower Upper

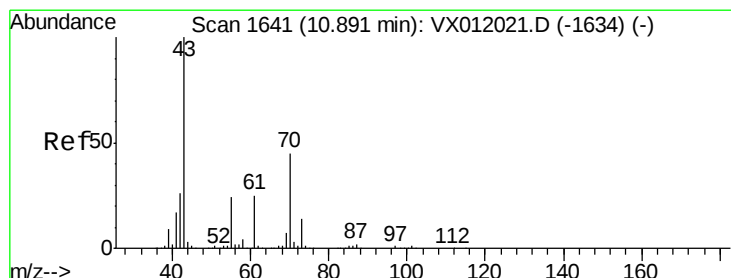
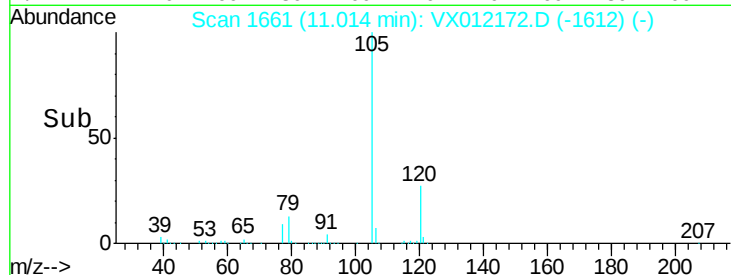
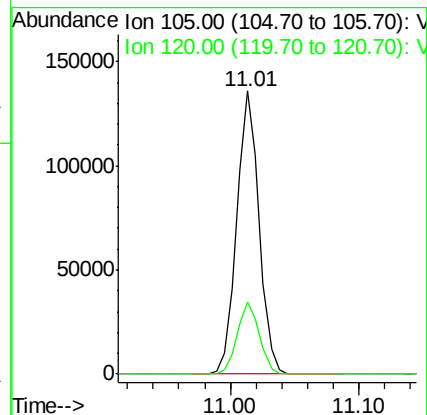
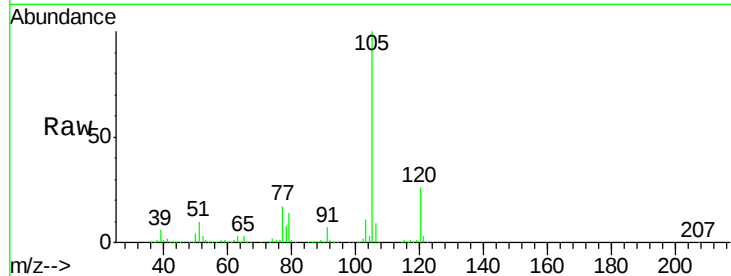
105 100

120 25.3 13.9 41.6

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.243 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion: 43 Resp: 44436

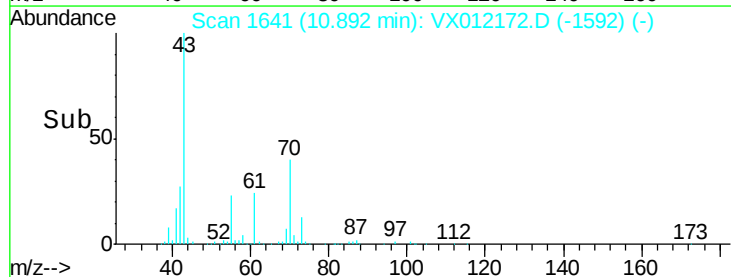
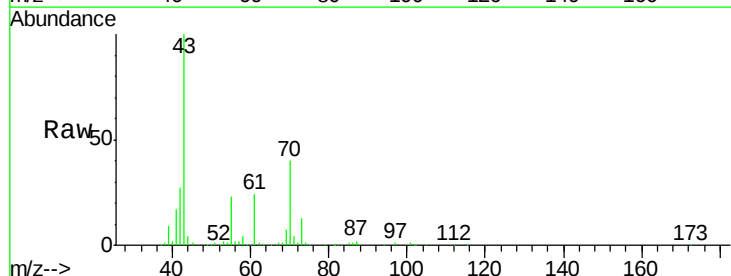
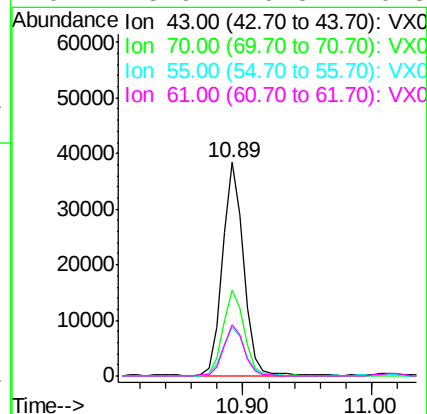
Ion Ratio Lower Upper

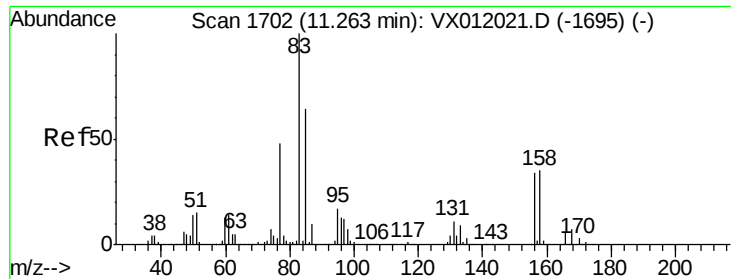
43 100

70 41.1 34.4 51.6

55 24.1 18.5 27.7

61 23.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.490 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

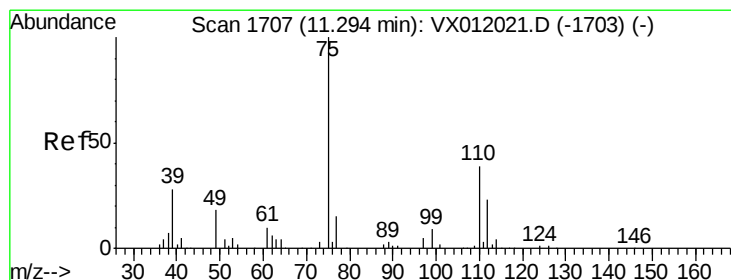
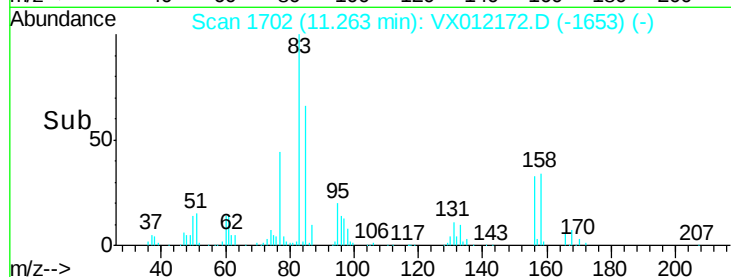
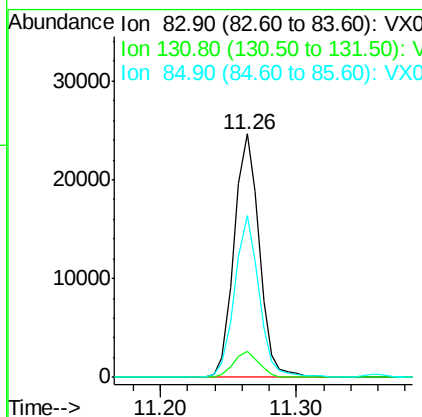
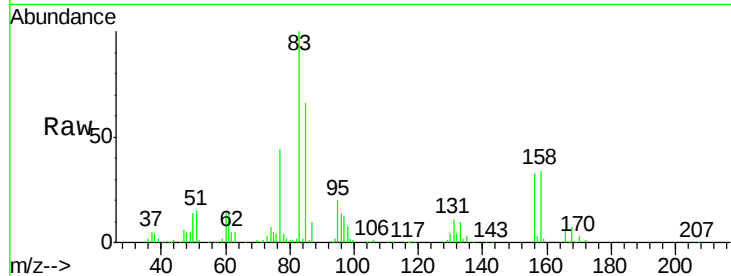
ClientSampleId :

VX0907SBS01

Tot Ion:	83	Resp:	31755
Ion Ratio	Lower	Upper	
83	100		
131	10.9	6.3	19.1
85	64.8	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.074 ug/l m

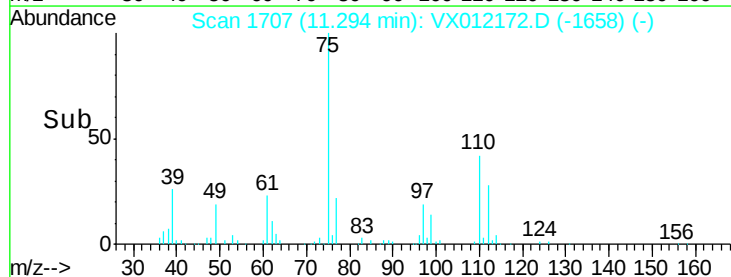
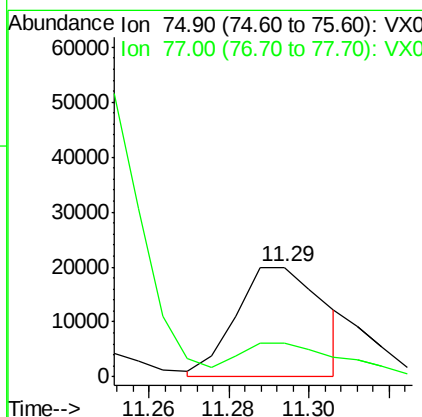
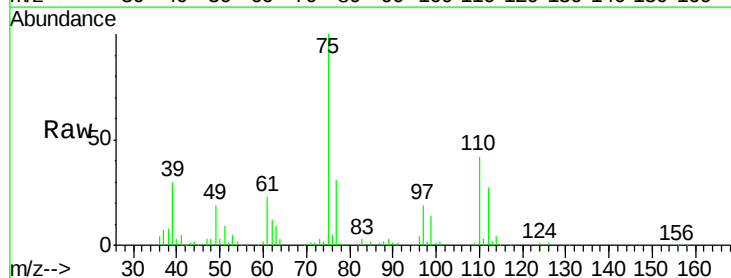
RT: 11.29 min Scan# 1707

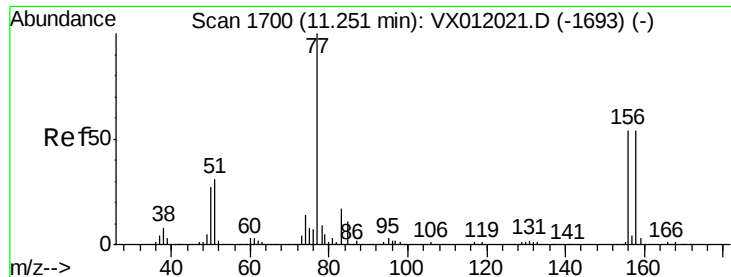
Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	75	Resp:	30283
Ion Ratio	Lower	Upper	
75	100		
77	37.0	23.5	70.5





#77

Bromobenzene

Concen: 19.339 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

Tot Ion:156 Resp: 35632

Ion Ratio Lower Upper

156 100

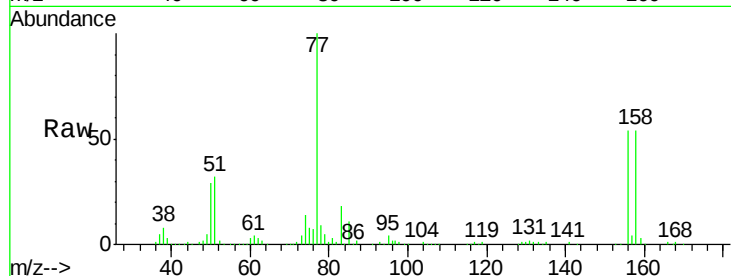
77 189.5 63.4 190.2

158 99.6 48.9 146.6

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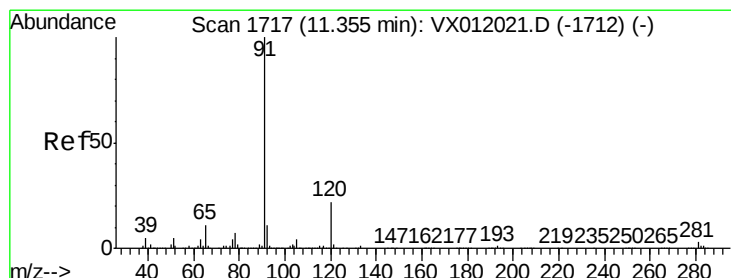
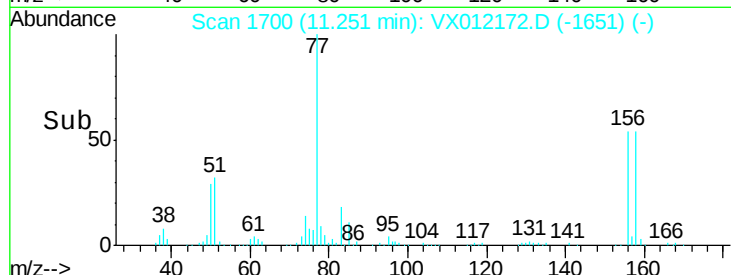
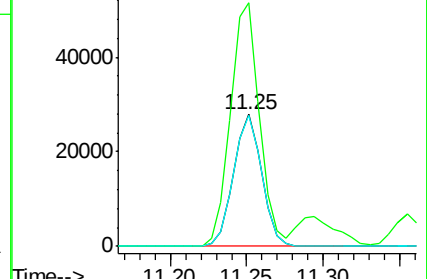
9/9/2019 9:19:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.146 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012172.D

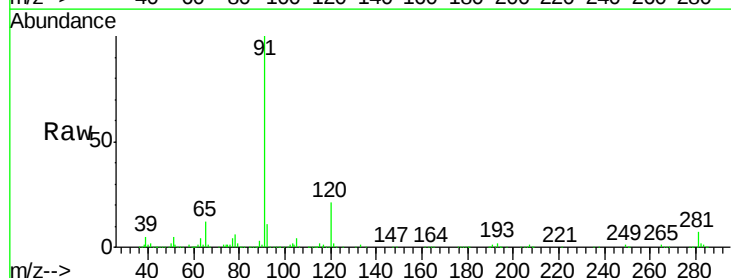
Acq: 07 Sep 2019 13:15

Tgt Ion: 91 Resp: 200502

Ion Ratio Lower Upper

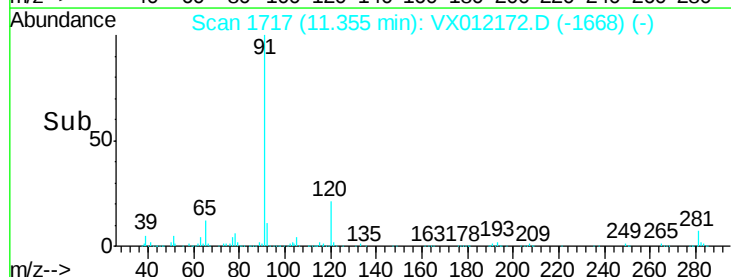
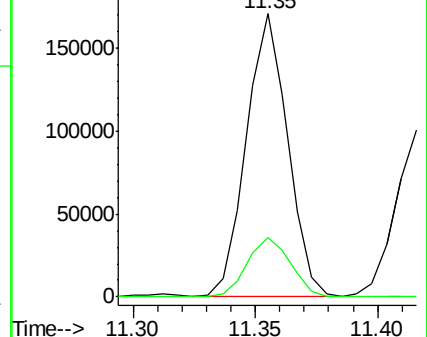
91 100

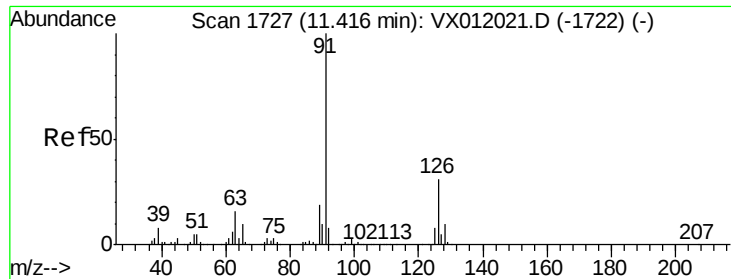
120 22.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





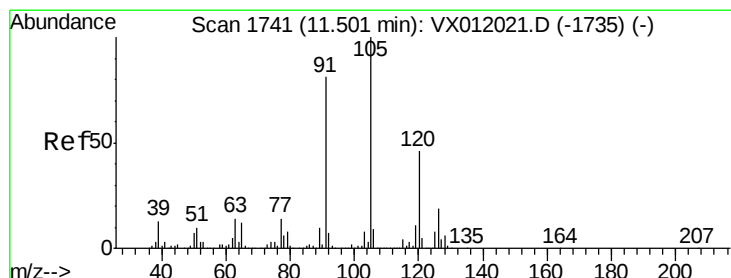
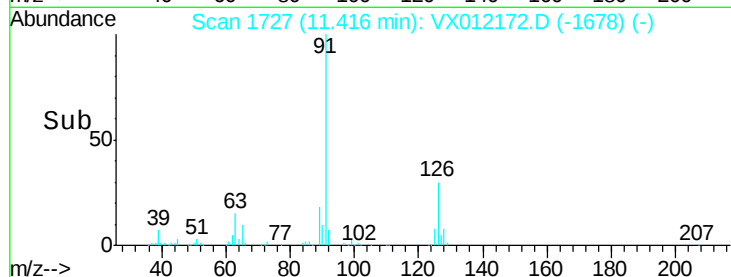
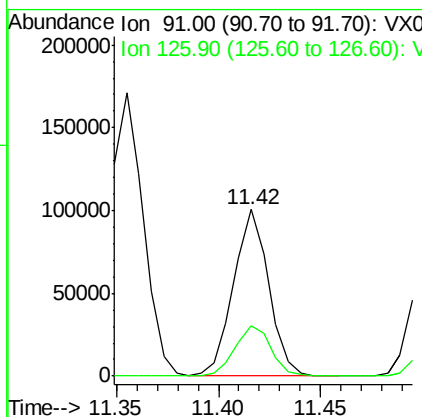
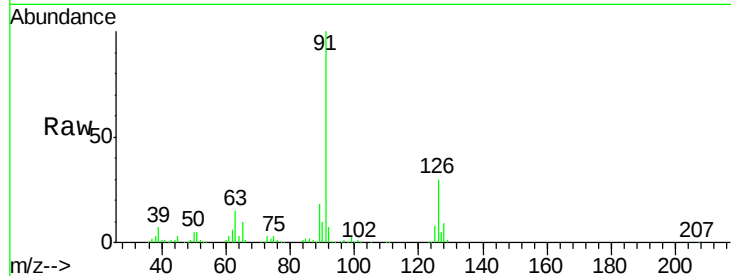
#79
 2-Chlorotoluene
 Concen: 19.858 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.0	18.6	55.8

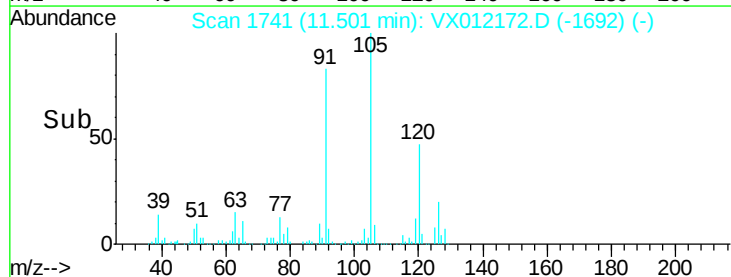
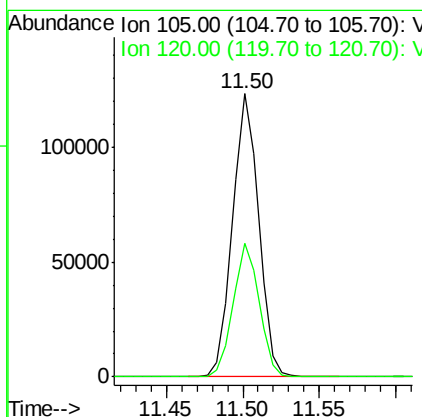
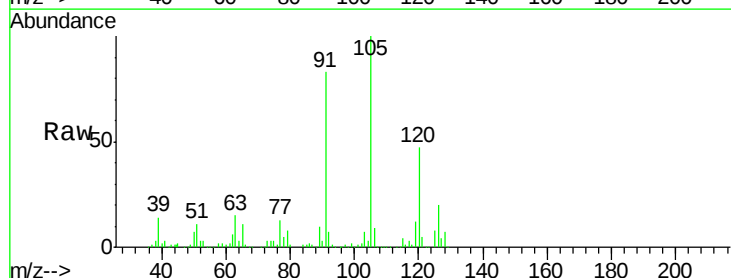
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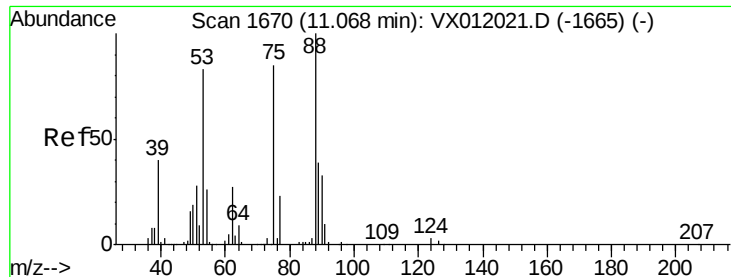
MMDadoda
 9/9/2019 9:19:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.235 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	25.8	77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.432 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

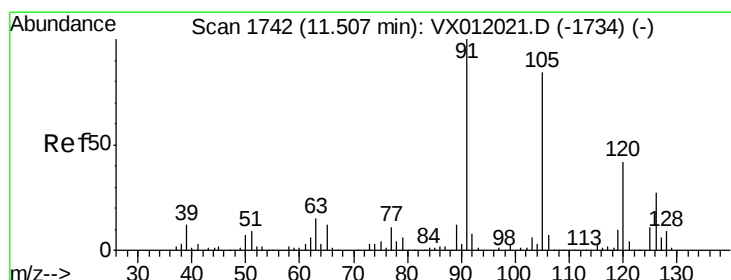
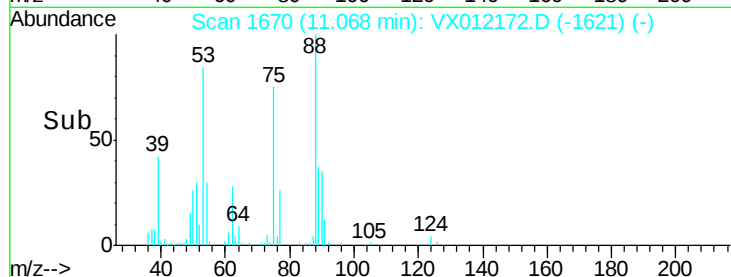
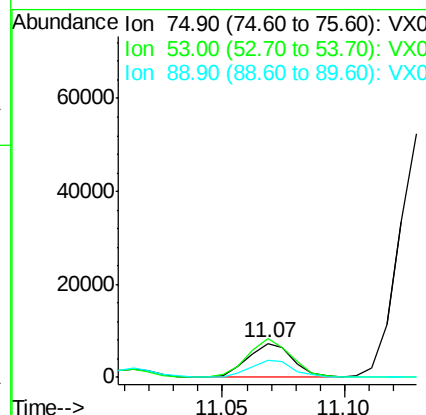
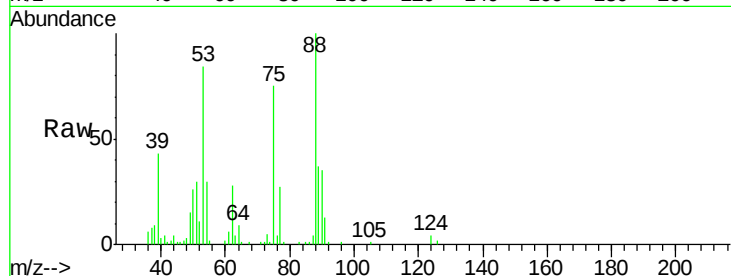
ClientSampled :

VX0907SBS01

Tot Ion:	75	Resp:	9535
Ion	Ratio	Lower	Upper
75	100		
53	109.5	78.6	117.8
89	49.3	38.8	58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.174 ug/l

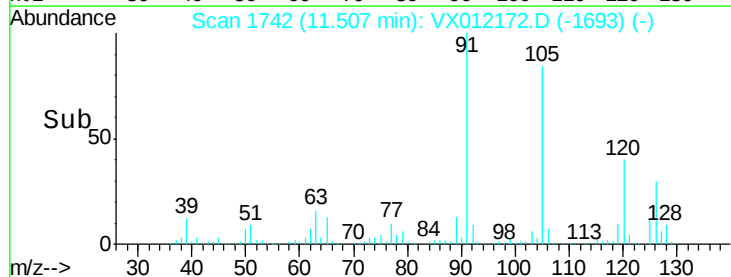
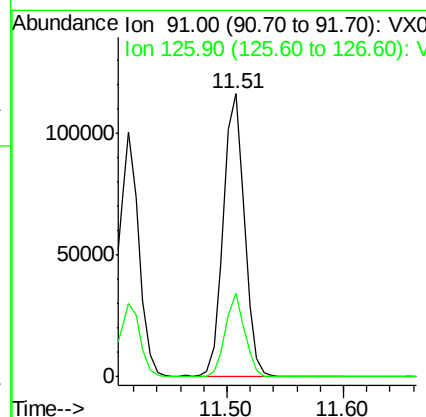
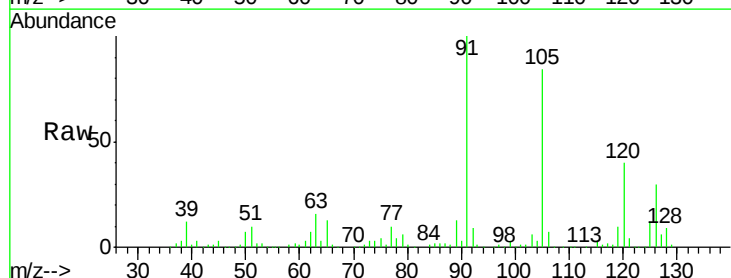
RT: 11.51 min Scan# 1742

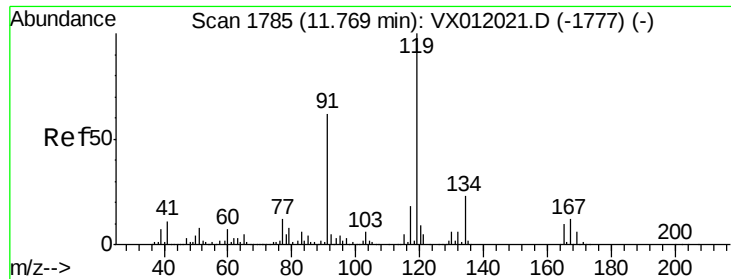
Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion:	91	Resp:	144984
Ion	Ratio	Lower	Upper
91	100		
126	27.3	16.2	48.6





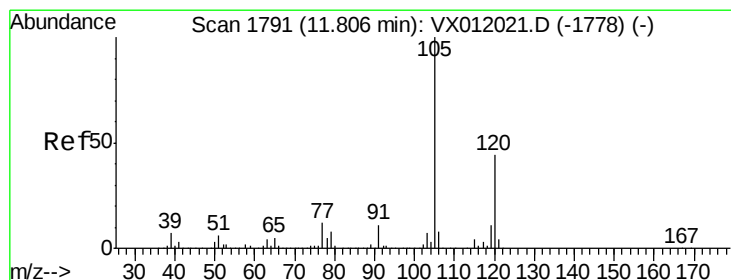
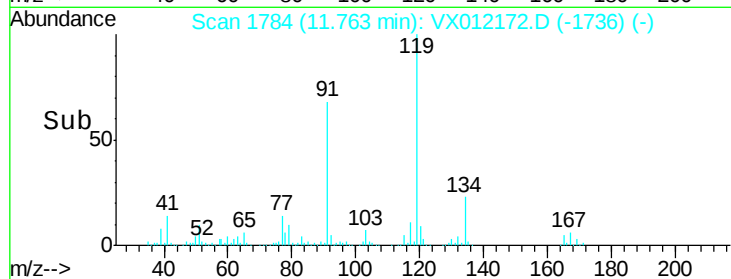
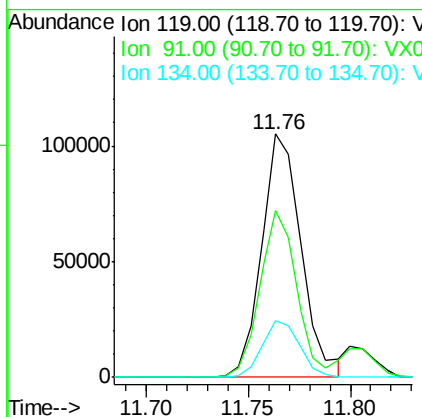
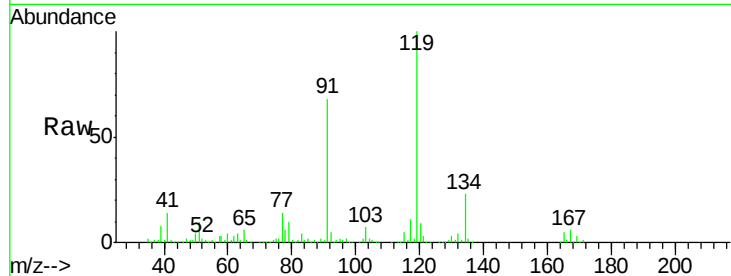
#83
tert-Butylbenzene
Concen: 20.546 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	141380		
91	63.4	27.1	81.2	
134	22.3	12.1	36.3	

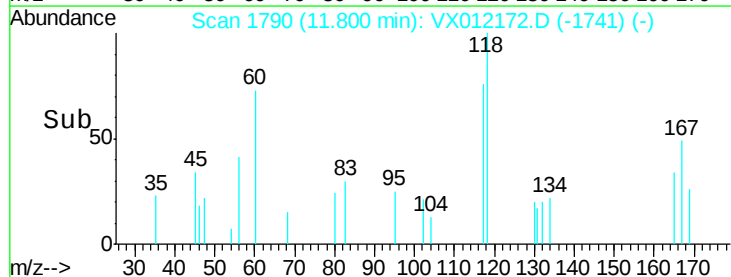
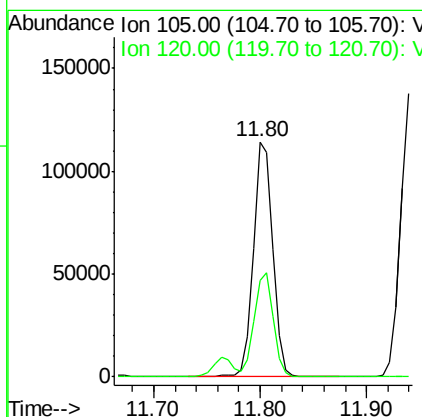
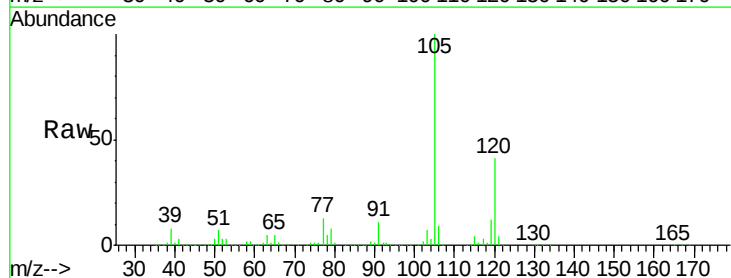
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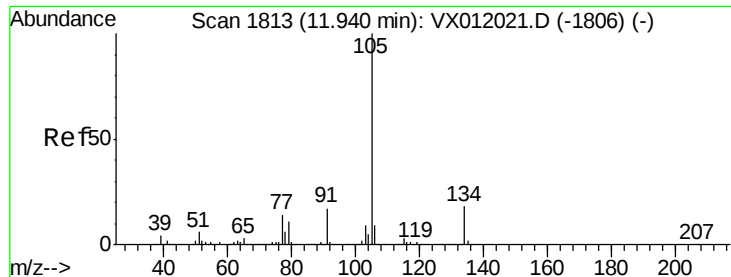
MMDadoda
9/9/2019 9:19:00 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.706 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146217		
120	43.6	23.6	70.8	





#85

sec-Butylbenzene

Concen: 20.151 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS01

Tot Ion:105 Resp: 172225

Ion Ratio Lower Upper

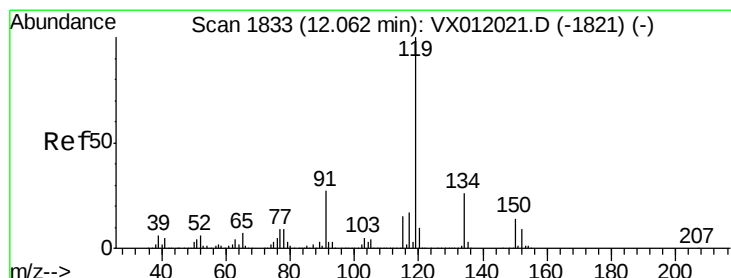
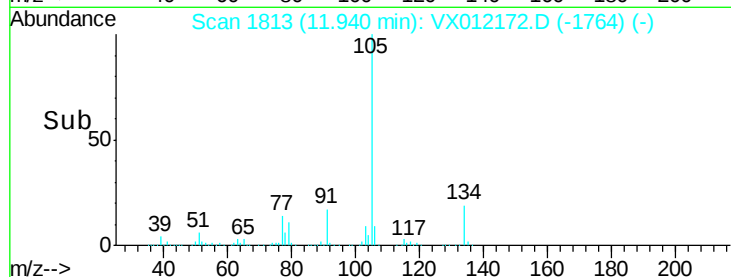
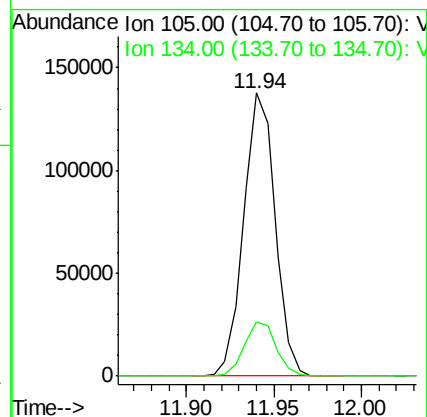
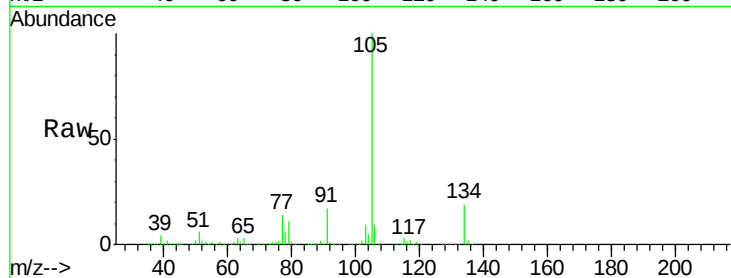
105 100

134 19.3 11.2 33.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.072 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

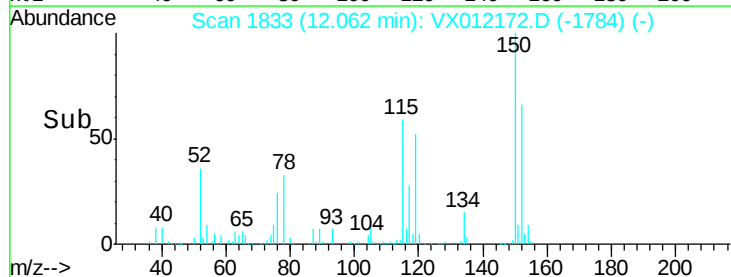
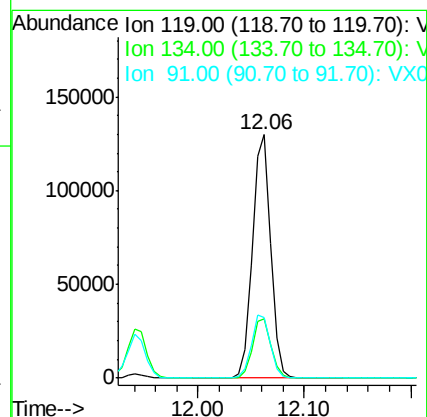
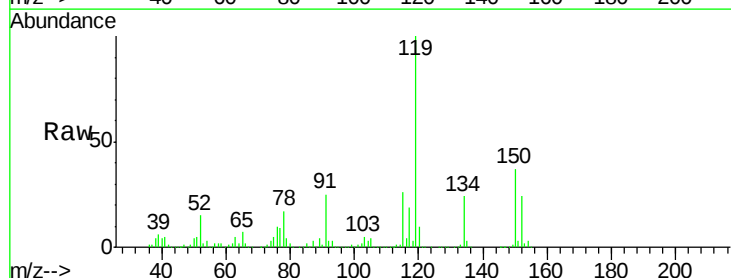
Tgt Ion:119 Resp: 156014

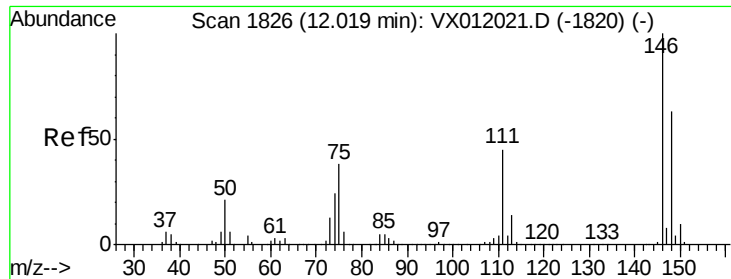
Ion Ratio Lower Upper

119 100

134 24.9 13.7 41.1

91 26.9 11.4 34.1





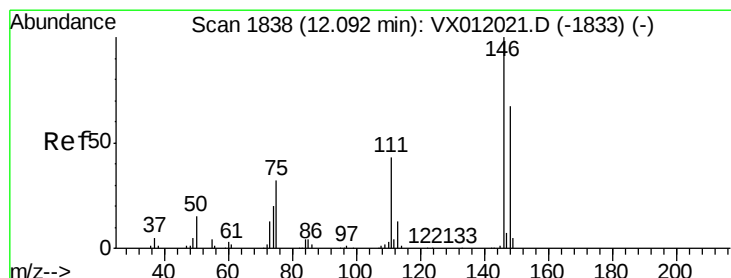
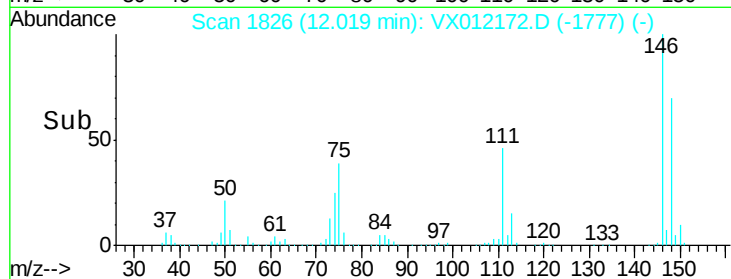
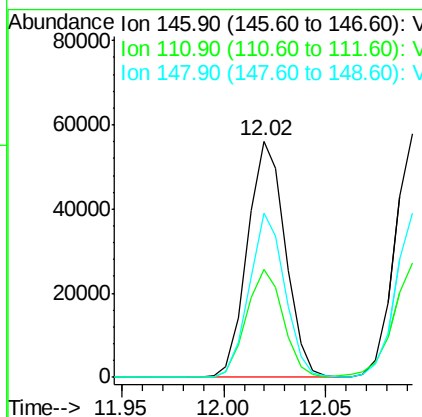
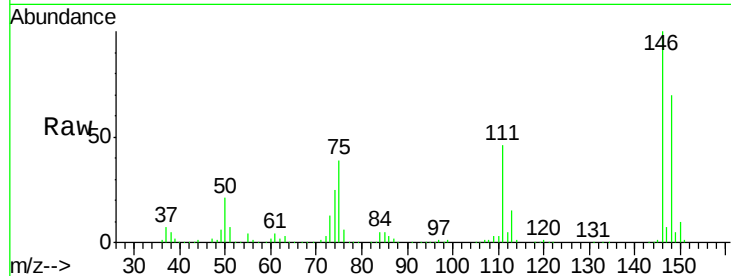
#87
 1,3-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	18.1	54.1
148	65.4	32.6	97.8

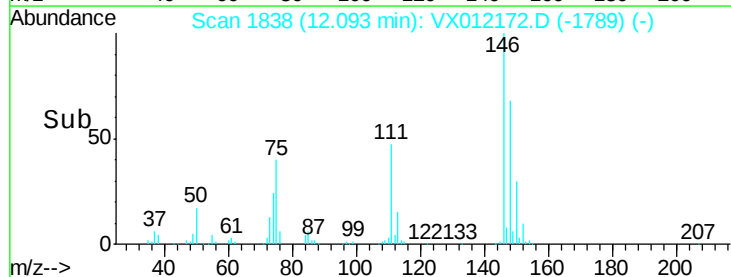
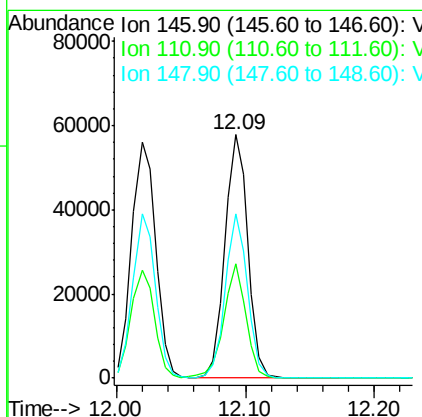
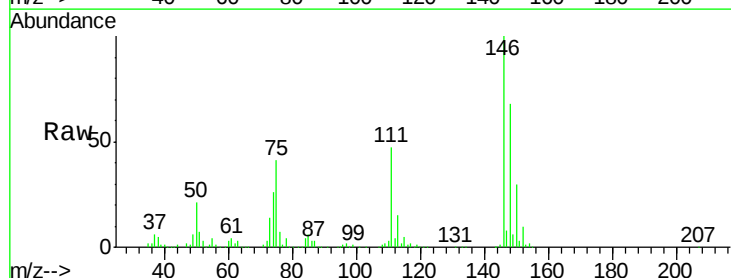
Manual Integrations
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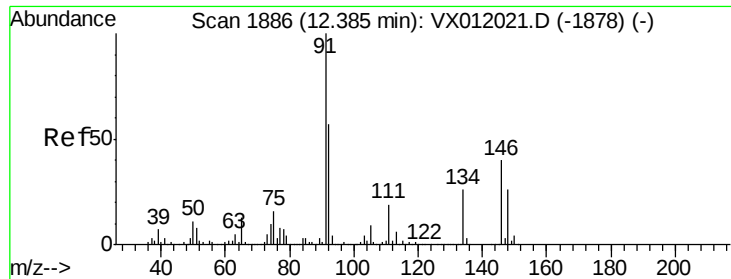
MMDadoda
 9/9/2019 9:19:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.677 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	17.7	53.1
148	65.2	32.4	97.0





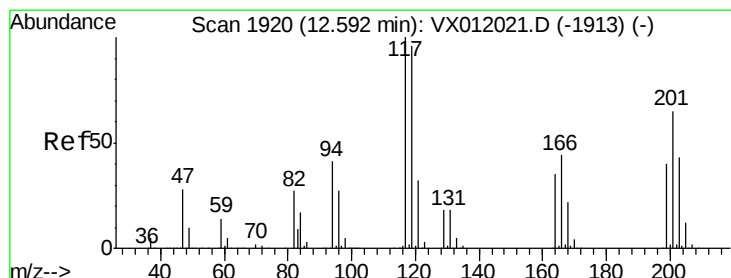
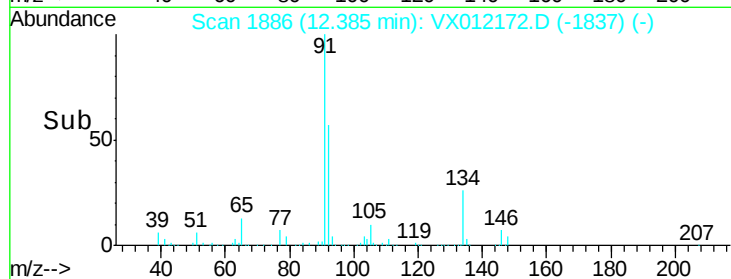
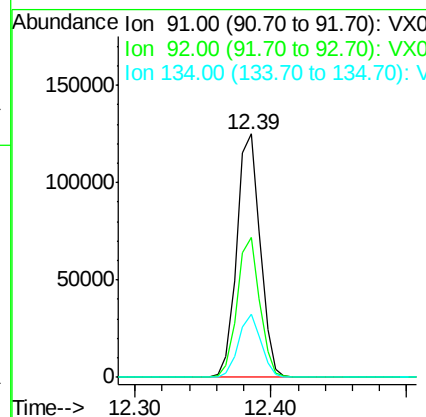
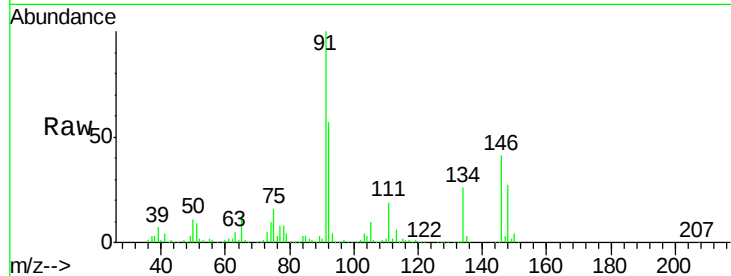
#89
n-Butylbenzene
Concen: 19.773 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	149298		
92	55.8	27.6	82.8	
134	25.2	15.4	46.1	

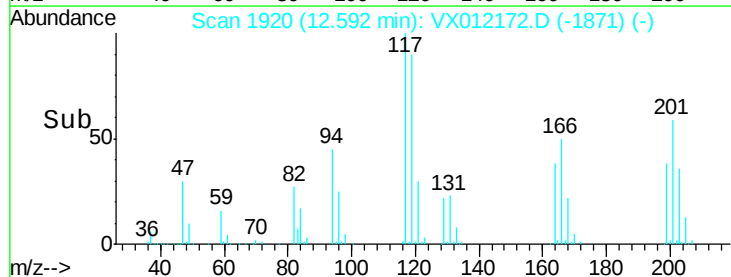
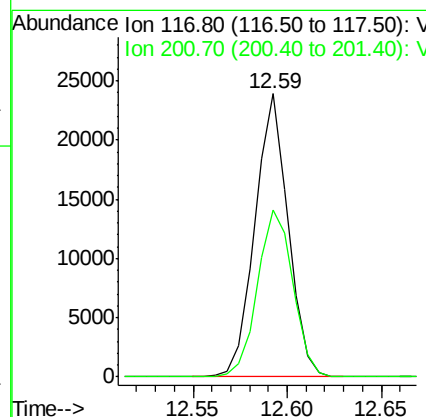
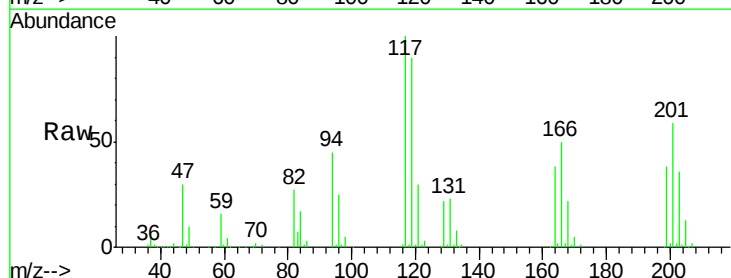
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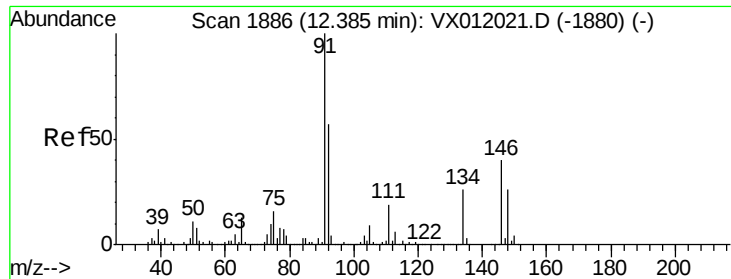
MMDadoda
9/9/2019 9:19:00 AM



#90
Hexachloroethane
Concen: 18.741 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29085		
201	63.1	55.0	165.2	





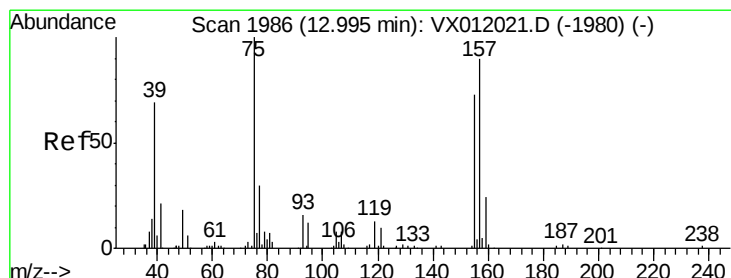
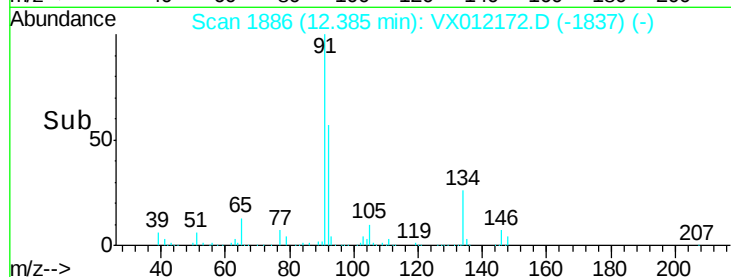
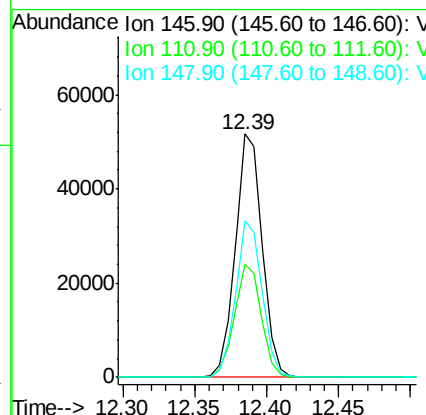
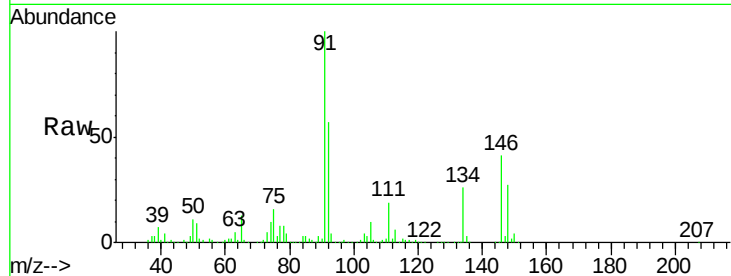
#91
 1,2-Dichlorobenzene
 Concen: 20.347 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	18.6	56.0
148	63.5	32.4	97.2

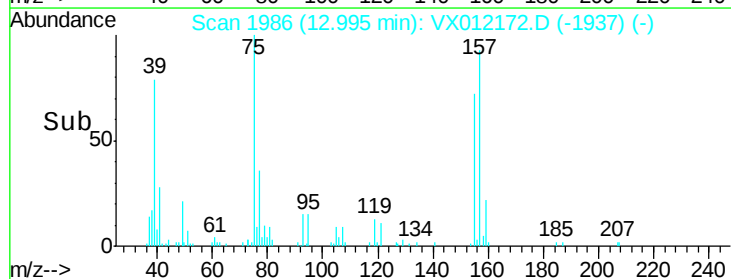
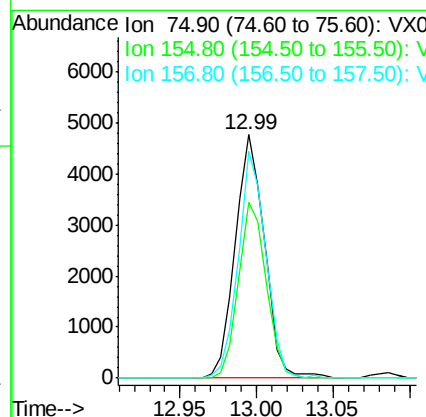
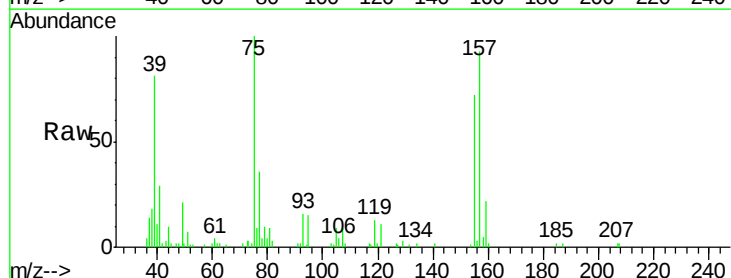
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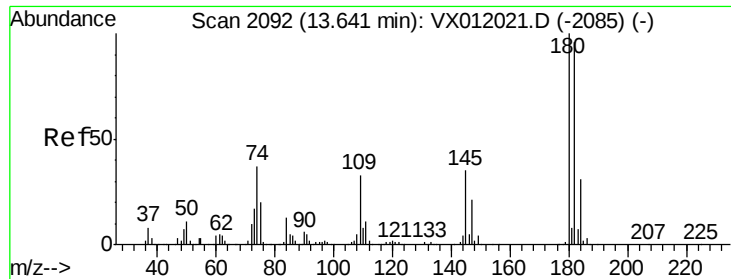
MMDadoda
 9/9/2019 9:19:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.652 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.4	51.7	155.2
157	87.3	66.9	200.7





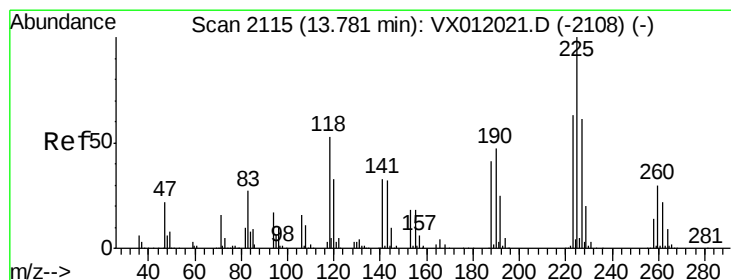
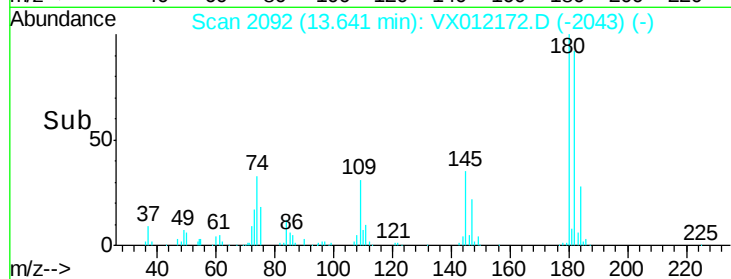
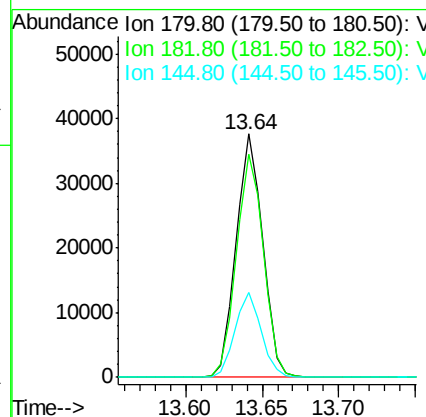
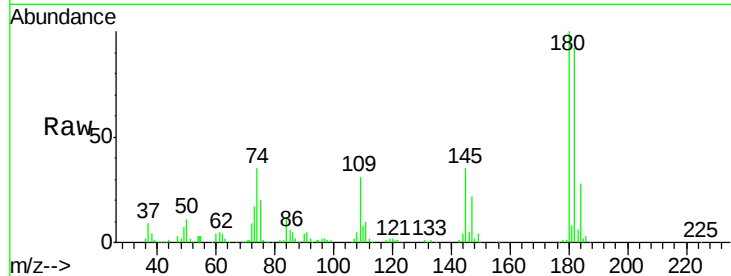
#93
1,2,4-Trichlorobenzene
Concen: 19.147 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	142.0
145	34.7	13.7	41.0

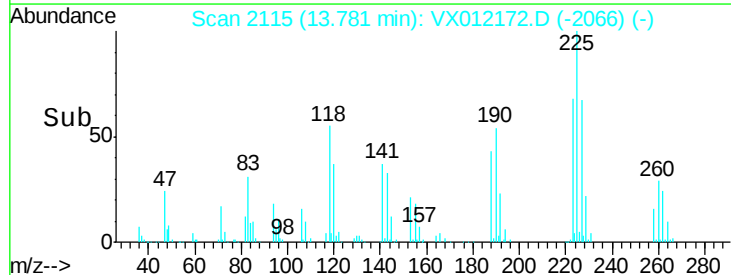
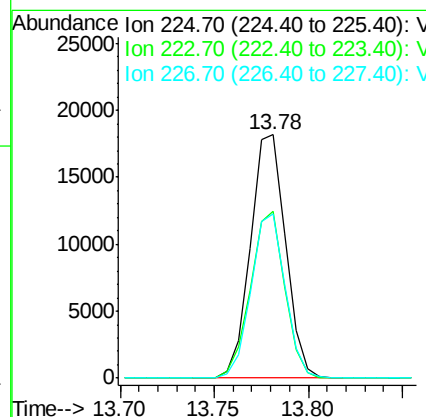
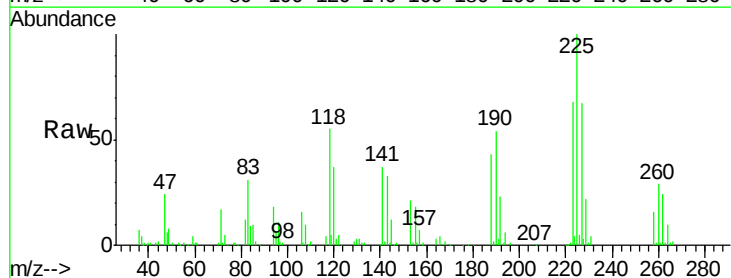
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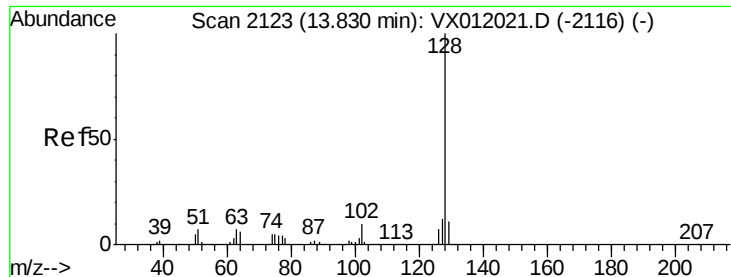
MMDadoda
9/9/2019 9:19:00 AM



#94
Hexachlorobutadiene
Concen: 19.721 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.6	95.0
227	65.6	32.5	97.5





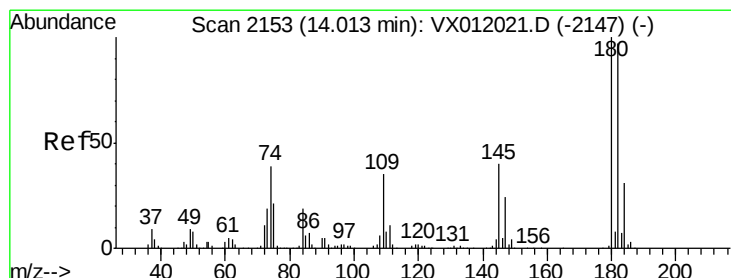
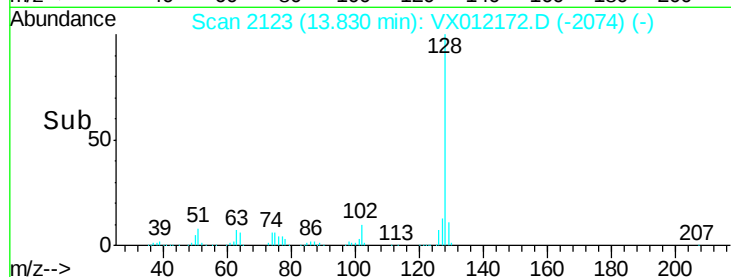
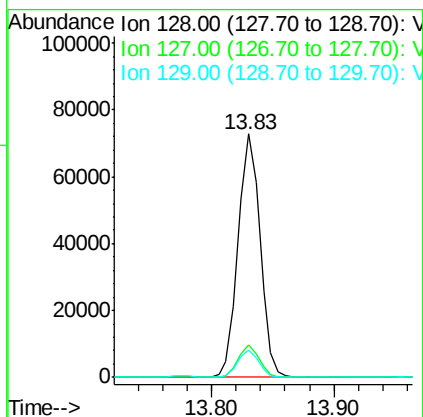
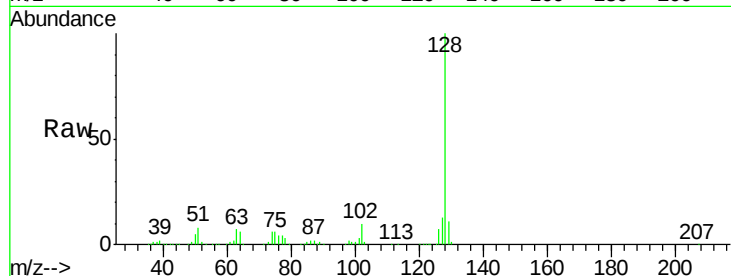
#95
Naphthalene
Concen: 17.686 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.8	13.2

Manual Integrations
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9/9/2019 9:19:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.956 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.9	143.6
145	36.4	14.1	42.4

