

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012092.D
 Acq On : 05 Sep 2019 10:54
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 12:31:26 PM

Quant Time: Sep 06 05:52:13 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	5.65	168	137590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	245241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	93101	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.48	113	74361	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	284766	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	121073	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66176	52.156	ug/l	98
3) Chloromethane	1.31	50	69159	53.223	ug/l	99
4) Vinyl Chloride	1.39	62	65588	53.649	ug/l	100
5) Bromomethane	1.63	94	39361	64.902	ug/l	98
6) Chloroethane	1.71	64	42363	55.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	107494	56.610	ug/l	99
8) Diethyl Ether	2.17	74	34562	52.671	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76569	54.442	ug/l #	83
10) Methyl Iodide	2.50	142	61847	44.352	ug/l	94
11) Tert butyl alcohol	3.03	59	37688	206.681	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	72690	53.652	ug/l	89
13) Acrolein	2.28	56	8668	181.246	ug/l	93
14) Allyl chloride	2.72	41	134888	55.022	ug/l	97
15) Acrylonitrile	3.12	53	99287	240.790	ug/l	99
16) Acetone	2.43	43	112676	248.308	ug/l	99
17) Carbon Disulfide	2.56	76	222583	56.214	ug/l	99
18) Methyl Acetate	2.76	43	49580	46.381	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	221502	50.218	ug/l	100
20) Methylene Chloride	2.84	84	86372	47.400	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	84489	53.142	ug/l	94
22) Diisopropyl ether	3.84	45	262046	52.442	ug/l	97
23) Vinyl Acetate	3.80	43	856803	265.066	ug/l	99
24) 1,1-Dichloroethane	3.68	63	154791	53.412	ug/l	99
25) 2-Butanone	4.65	43	144359	249.920	ug/l	99
26) 2,2-Dichloropropane	4.56	77	149699	55.949	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	98027	52.599	ug/l	92
28) Bromochloromethane	5.00	49	47978	41.474	ug/l #	79
29) Tetrahydrofuran	5.11	42	81844	235.173	ug/l	99
30) Chloroform	5.19	83	163881	52.701	ug/l	100
31) Cyclohexane	5.56	56	122273	52.534	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	149454	55.183	ug/l	97
36) 1,1-Dichloropropene	5.78	75	119122	55.150	ug/l	95
37) Ethyl Acetate	4.81	43	59484	50.644	ug/l	99
38) Carbon Tetrachloride	5.77	117	128235	56.342	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	134673	53.721	ug/l	95
40) Benzene	6.13	78	338078	54.522	ug/l	99
41) Methacrylonitrile	5.02	41	36842	52.597	ug/l	96
42) 1,2-Dichloroethane	6.18	62	124270	55.690	ug/l	96
43) Isopropyl Acetate	6.43	43	124254	52.027	ug/l	97
44) Trichloroethene	7.20	130	90817	54.301	ug/l	81
45) 1,2-Dichloropropane	7.50	63	84620	52.819	ug/l	97
46) Dibromomethane	7.65	93	49793	53.242	ug/l #	74
47) Bromodichloromethane	7.89	83	126314	53.135	ug/l #	95
48) Methyl methacrylate	7.76	41	61932	51.574	ug/l	94
49) 1,4-Dioxane	7.73	88	14561	889.487	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	305574	251.549	ug/l	97
52) Toluene	8.78	92	219170	54.323	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	128864	52.360	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144695	52.870	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	68328	51.103	ug/l	96
56) Ethyl methacrylate	9.17	69	96399	50.334	ug/l	95
57) 1,3-Dichloropropane	9.37	76	119909	51.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	198328	229.697	ug/l	94
59) 2-Hexanone	9.48	43	225674	254.599	ug/l	98
60) Dibromochloromethane	9.57	129	83947	52.680	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66887	51.770	ug/l	97
64) Tetrachloroethene	9.33	164	74800	54.169	ug/l #	86
65) Chlorobenzene	10.14	112	233339	53.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86375	54.054	ug/l	98
67) Ethyl Benzene	10.25	91	436184	54.756	ug/l	96
68) m/p-Xylenes	10.35	106	319005	108.691	ug/l	90
69) o-Xylene	10.70	106	151907	53.376	ug/l	90
70) Styrene	10.71	104	266024	53.815	ug/l	95
71) Bromoform	10.85	173	44749	50.986	ug/l #	98
73) Isopropylbenzene	11.01	105	423587	54.097	ug/l	97
74) N-amyl acetate	10.89	43	116373	50.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	79058	48.432	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62749m	48.123	ug/l	
77) Bromobenzene	11.25	156	91850	52.450	ug/l #	68
78) n-propylbenzene	11.35	91	515281	54.472	ug/l	93
79) 2-Chlorotoluene	11.42	91	312441	54.519	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	374474	54.574	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	26328	47.735	ug/l	93
82) 4-Chlorotoluene	11.51	91	369429	54.084	ug/l	90
83) tert-Butylbenzene	11.77	119	361910	55.337	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	378074	53.609	ug/l	94
85) sec-Butylbenzene	11.94	105	434978	53.547	ug/l	95
86) p-Isopropyltoluene	12.06	119	395853	53.583	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	183581	52.316	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	186313	53.100	ug/l	94
89) n-Butylbenzene	12.39	91	392333	54.669	ug/l	95
90) Hexachloroethane	12.59	117	75183	50.969	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	167937	53.139	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16352	47.870	ug/l	64

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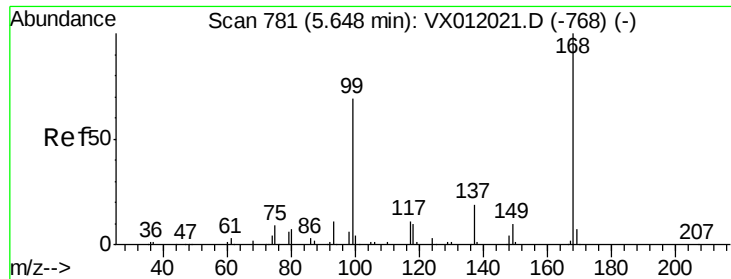
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112202	49.880	ug/l	96
94) Hexachlorobutadiene	13.78	225	59846	52.779	ug/l	98
95) Naphthalene	13.83	128	235598	48.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97204	49.118	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 137590

Ion Ratio Lower Upper

168 100

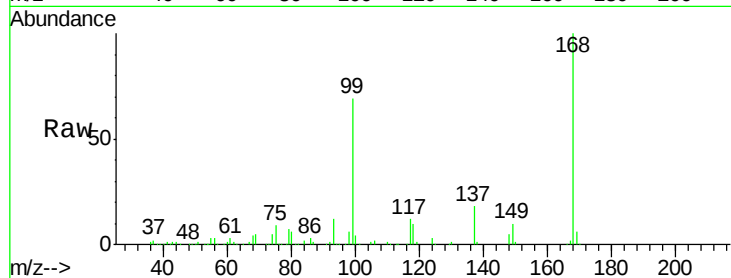
99 68.6 37.6 56.4#

Manual Integrations

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9/6/2019 12:31:26 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

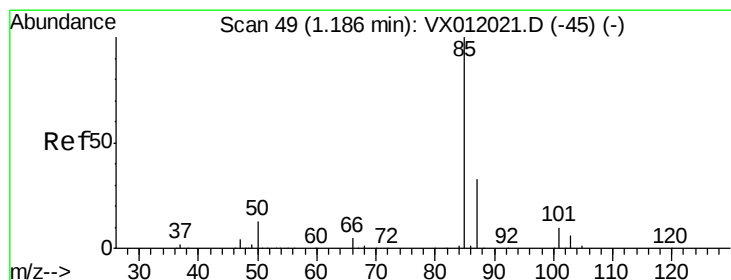
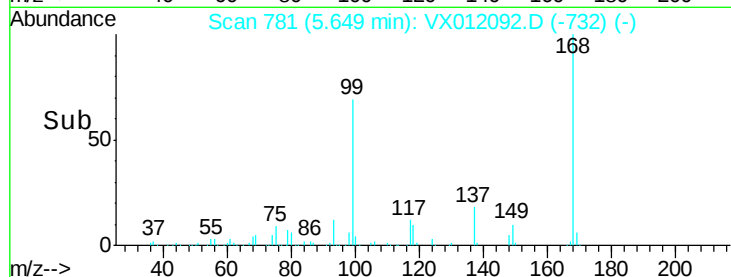
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.156 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012092.D

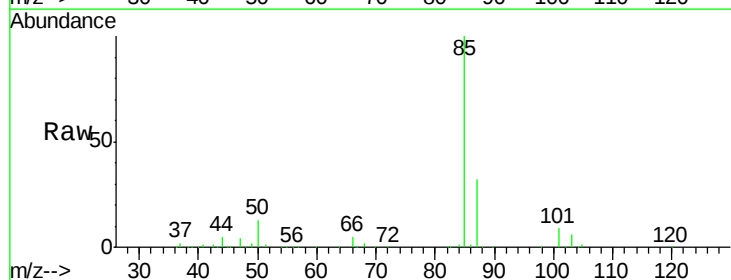
Acq: 05 Sep 2019 10:54

Tgt Ion: 85 Resp: 66176

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

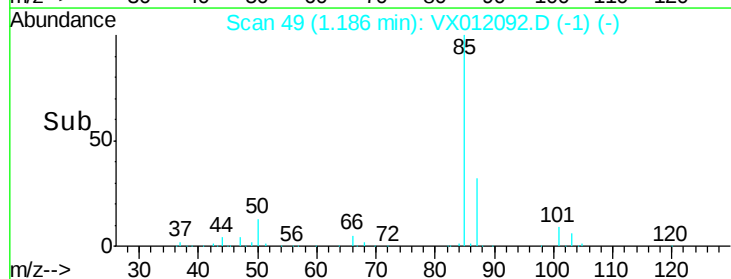
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 53.223 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 69159

Ion Ratio Lower Upper

50 100

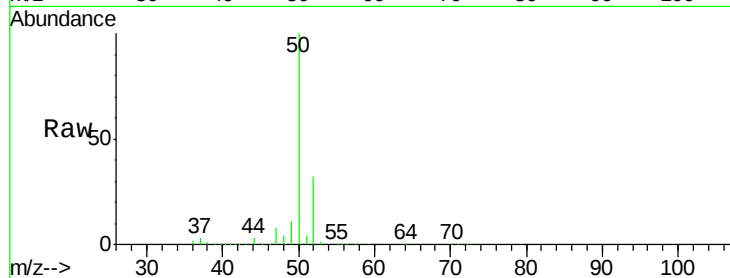
52 32.3 26.5 39.7

Manual Integrations

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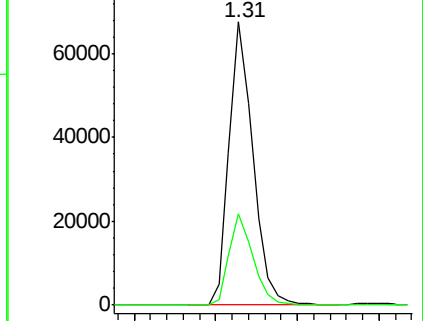
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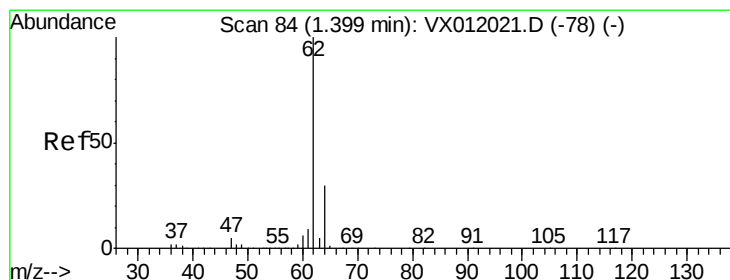
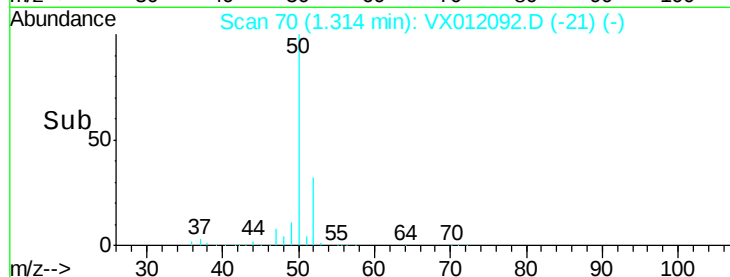


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 53.649 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012092.D

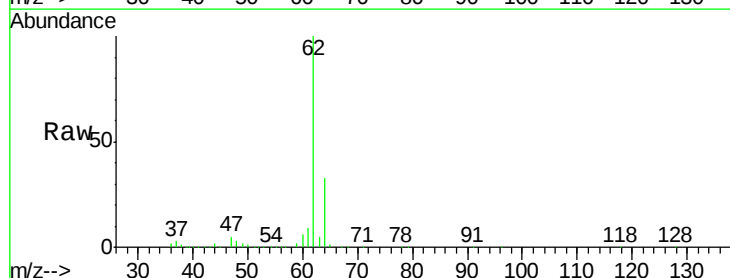
Acq: 05 Sep 2019 10:54

Tgt Ion: 62 Resp: 65588

Ion Ratio Lower Upper

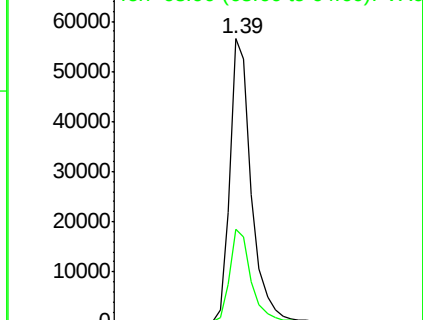
62 100

64 32.6 26.2 39.4

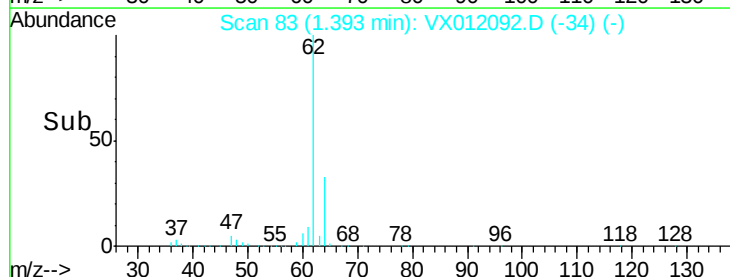


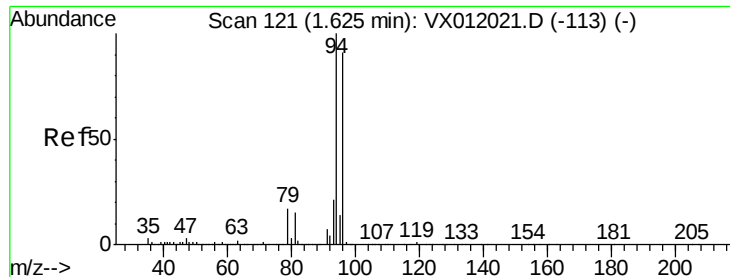
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 64.902 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 39361

Ion Ratio Lower Upper

94 100

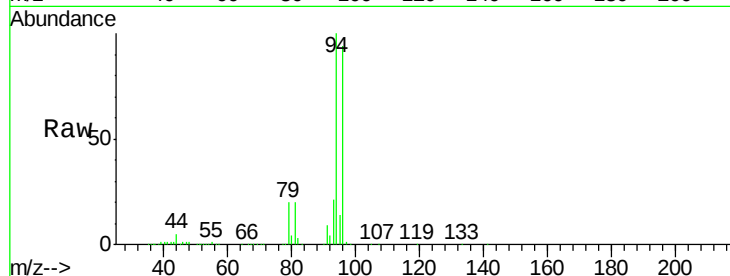
96 93.8 76.3 114.5

Manual Integrations

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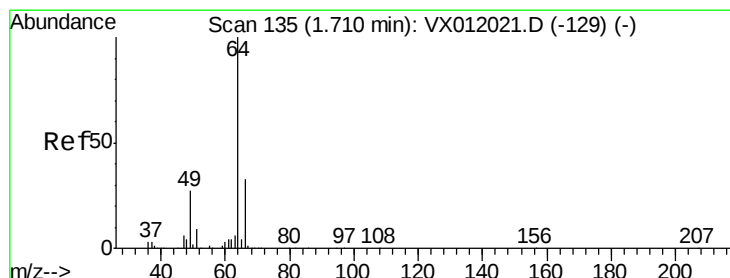
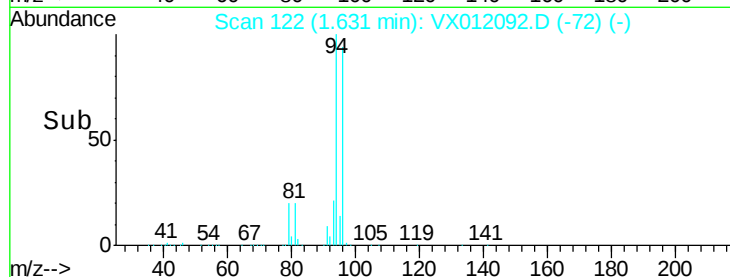
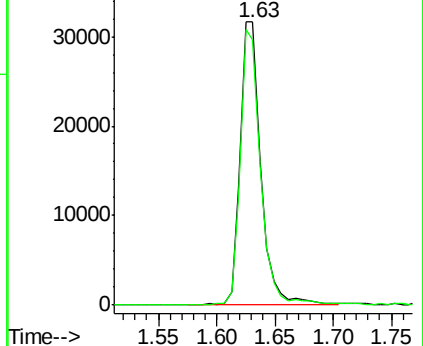
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.741 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012092.D

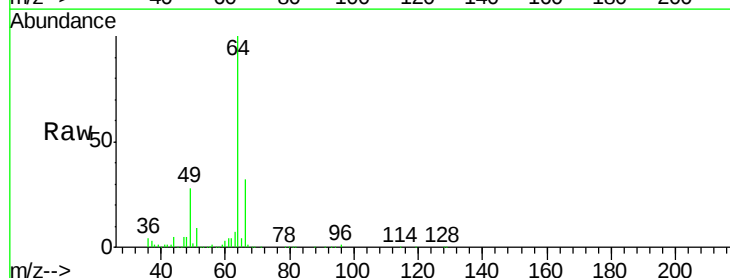
Acq: 05 Sep 2019 10:54

Tgt Ion: 64 Resp: 42363

Ion Ratio Lower Upper

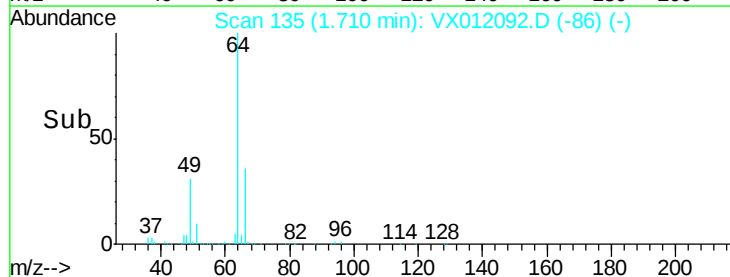
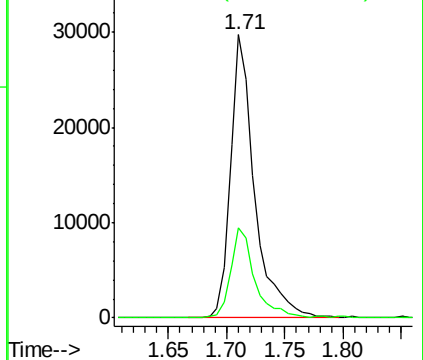
64 100

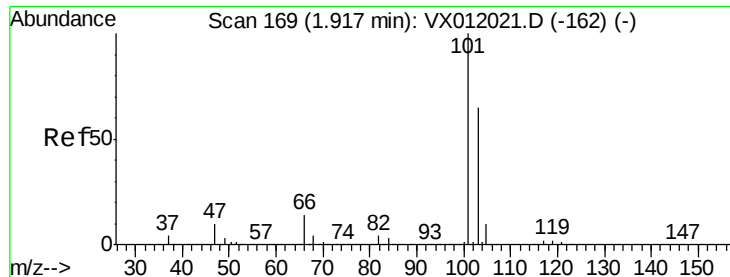
66 31.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

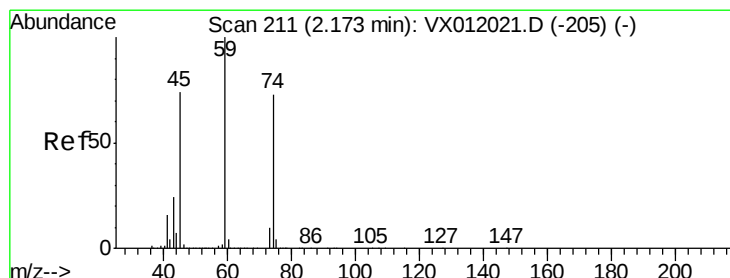
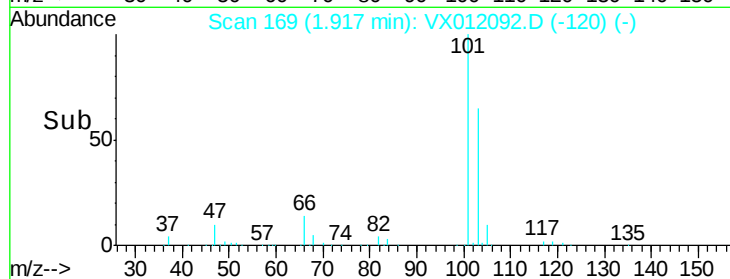
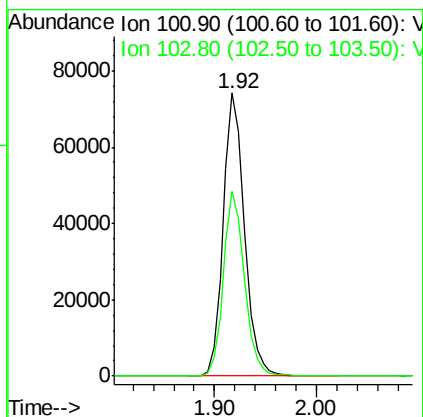
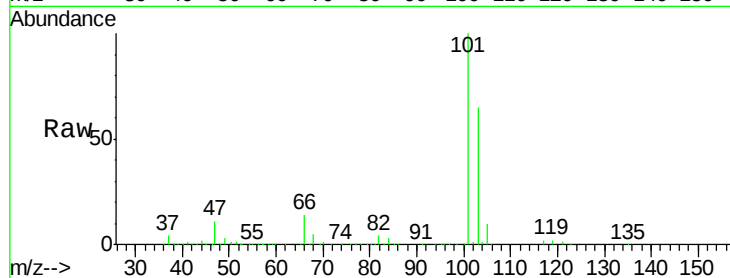
Trichlorofluoromethane
 Concen: 56.610 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.6	77.4

Manual Integrations
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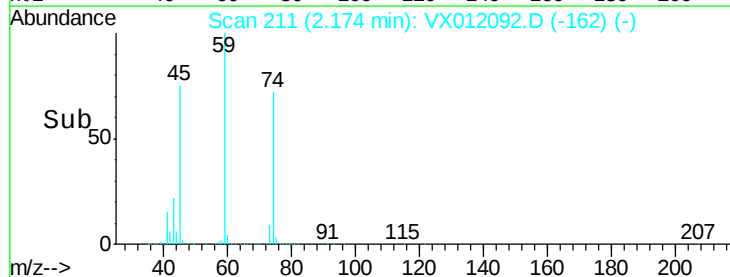
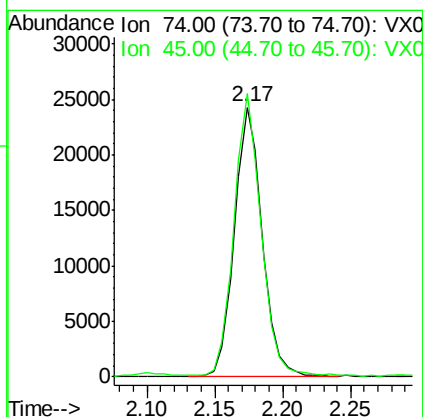
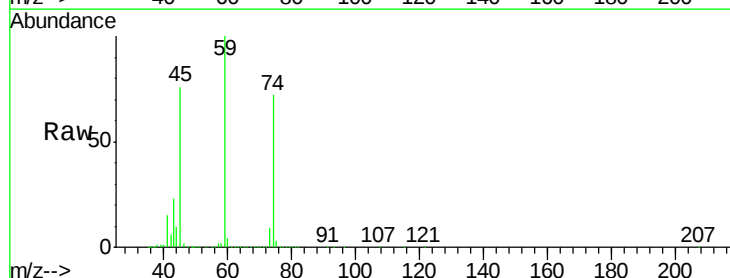
MMDadoda
 9/6/2019 12:31:26 PM

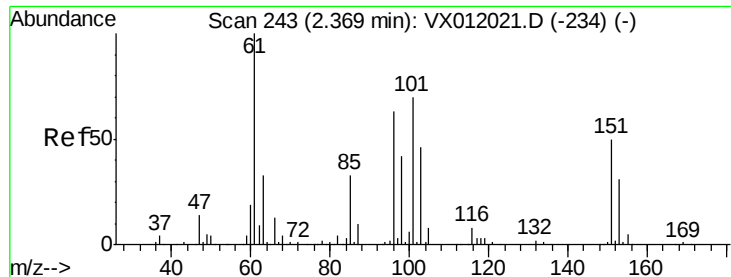


#8

Diethyl Ether
 Concen: 52.671 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.442 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

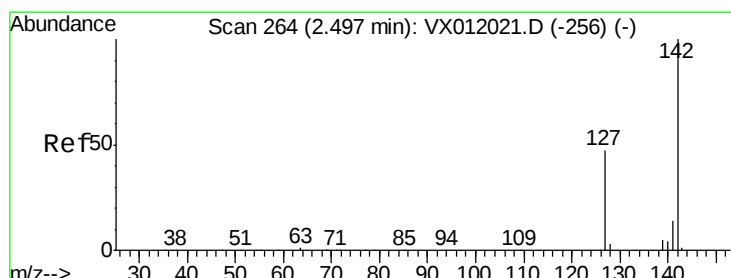
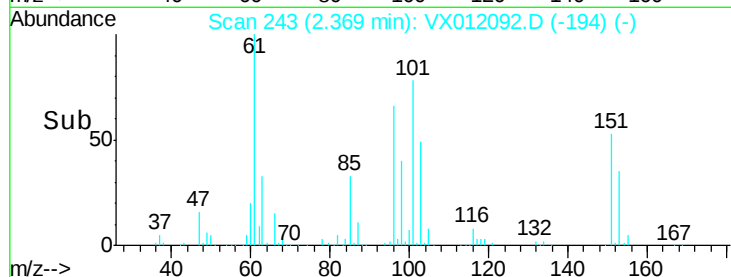
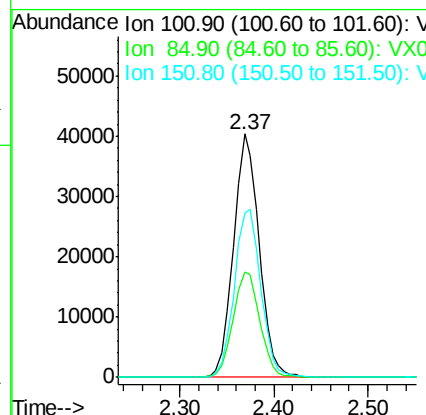
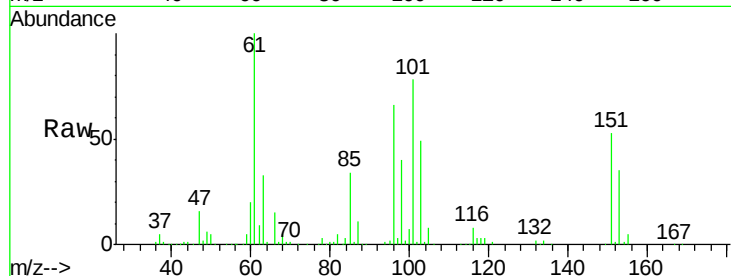
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	76569
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.5	51.7
151	71.1	75.0	112.4#

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#10

Methyl Iodide

Concen: 44.352 ug/l

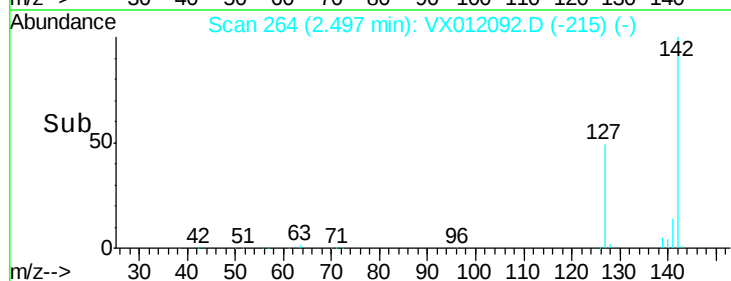
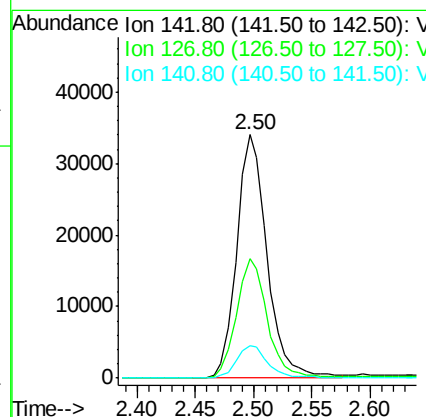
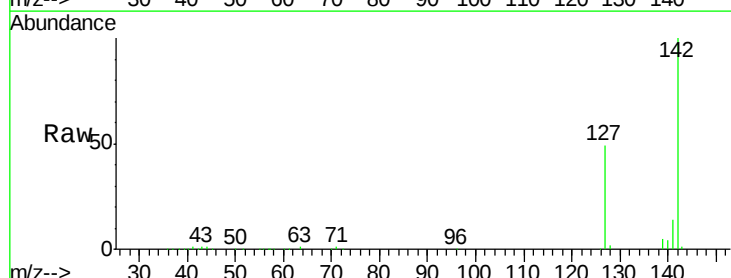
RT: 2.50 min Scan# 264

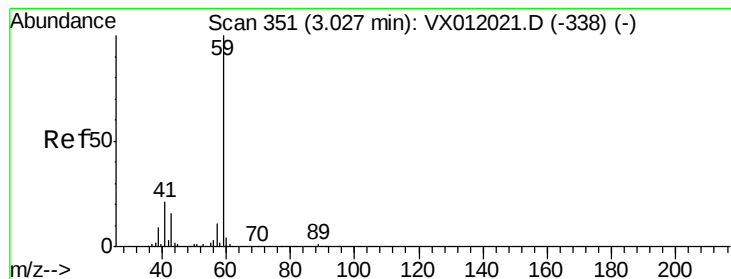
Delta R.T. 0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	142	Resp:	61847
Ion Ratio	Lower	Upper	
142	100		
127	49.8	35.4	53.2
141	14.2	11.4	17.2





#11

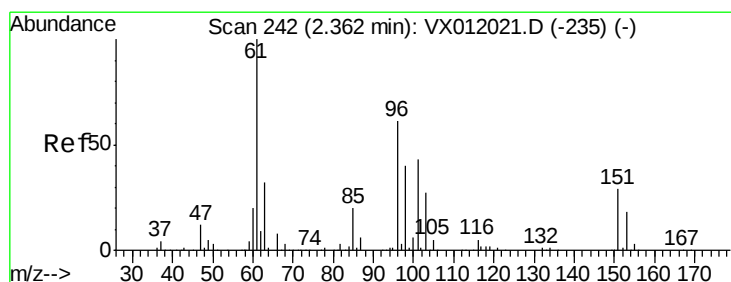
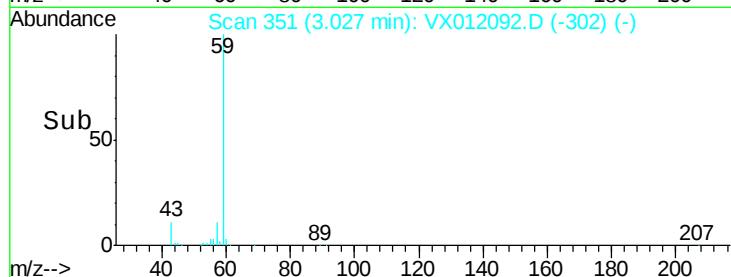
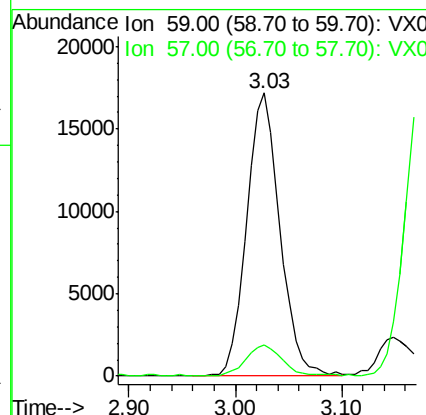
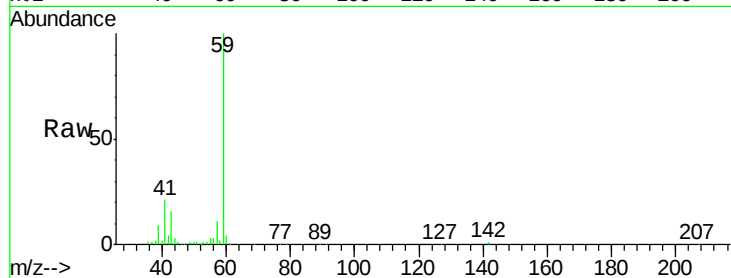
Tert butyl alcohol
Concen: 206.681 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.1	7.9	11.9#

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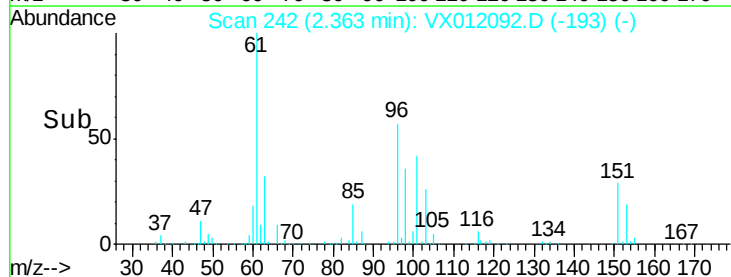
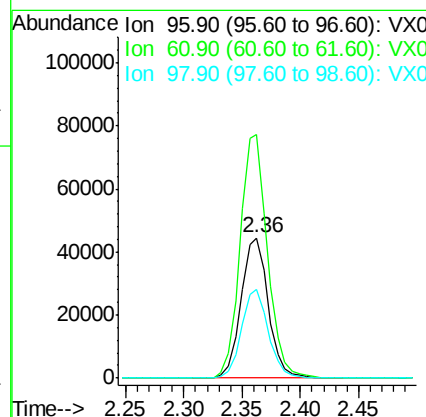
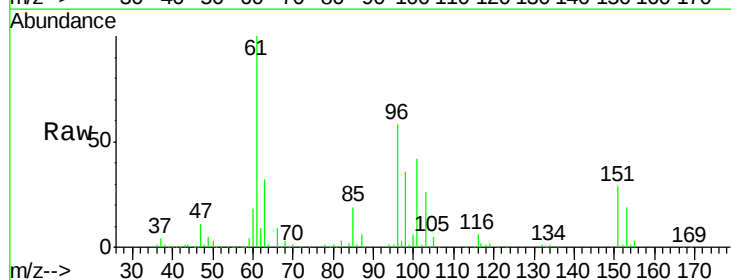
MMDadoda
9/6/2019 12:31:26 PM

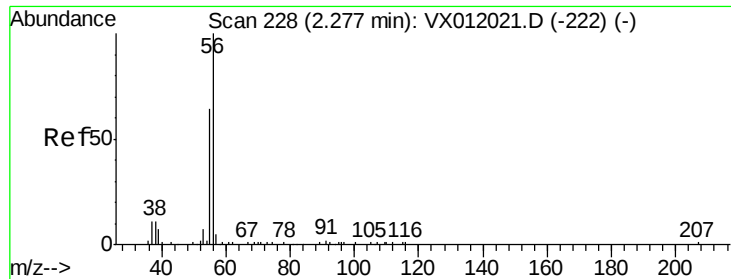


#12

1,1-Dichloroethene
Concen: 53.652 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.8	124.1	186.1
98	63.3	50.2	75.2





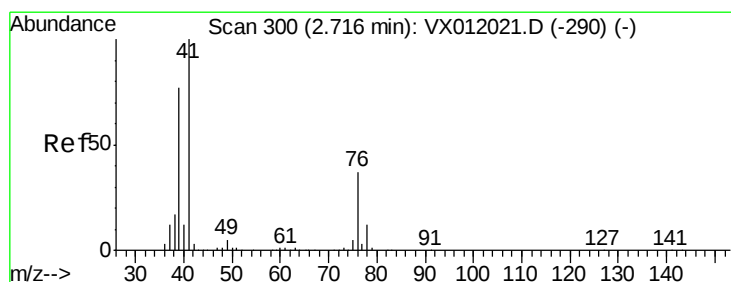
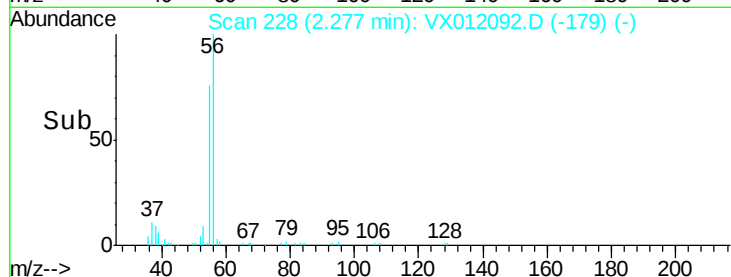
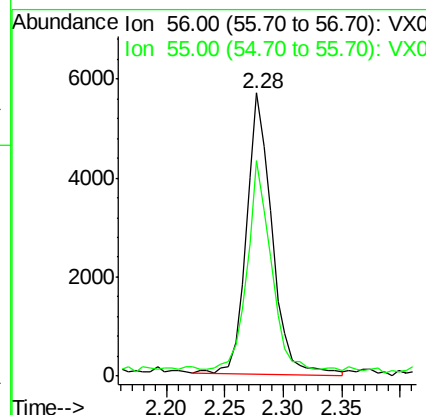
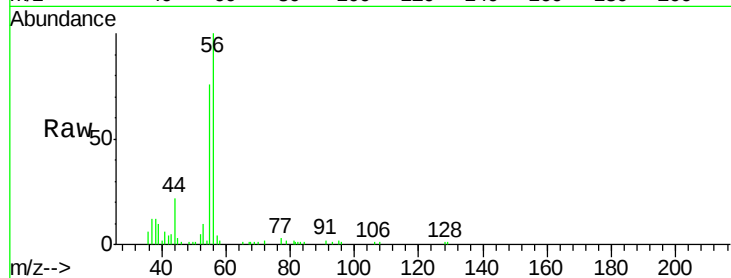
#13
Acrolein
Concen: 181.246 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	59.2	88.8

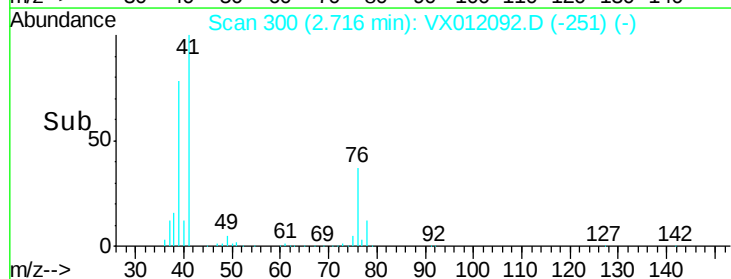
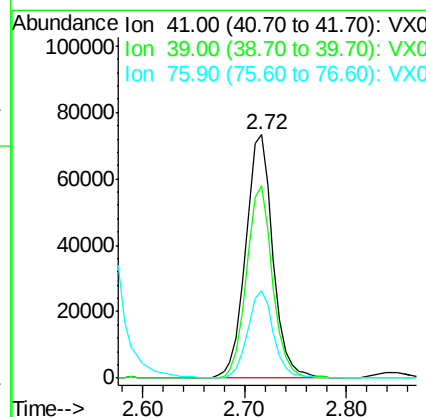
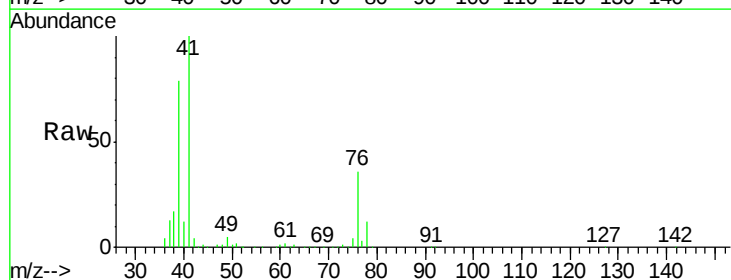
Manual Integrations
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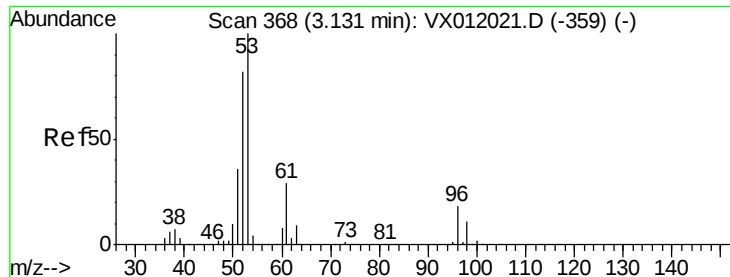
MMDadoda
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#14
Allyl chloride
Concen: 55.022 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.4	57.9	86.9
76	34.1	28.5	42.7





#15

Acrylonitrile

Concen: 240.790 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

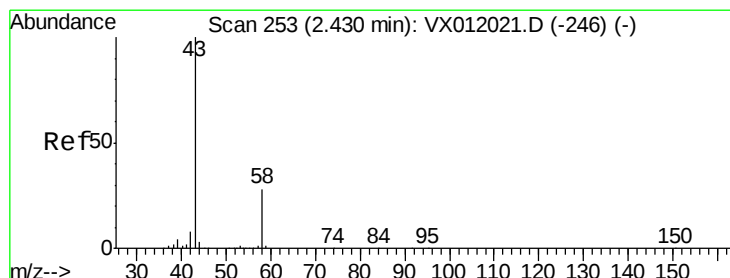
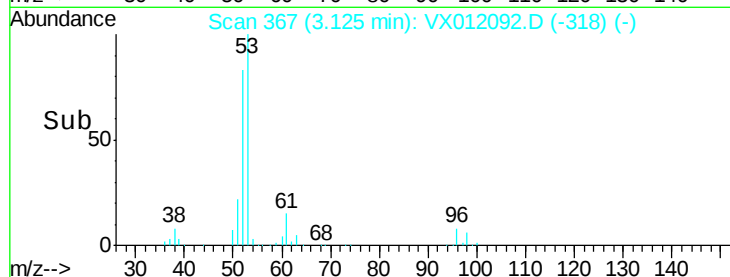
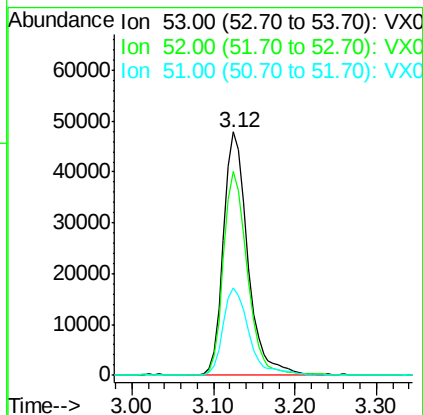
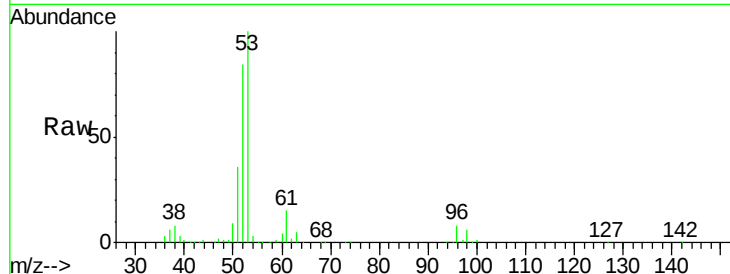
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	99287
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.6	98.4
51	38.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 248.308 ug/l

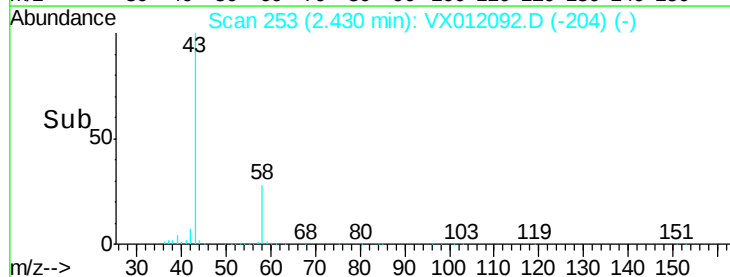
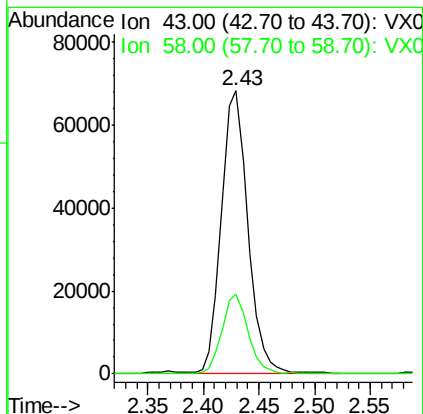
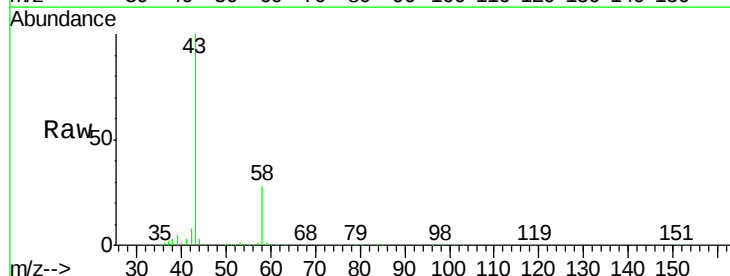
RT: 2.43 min Scan# 253

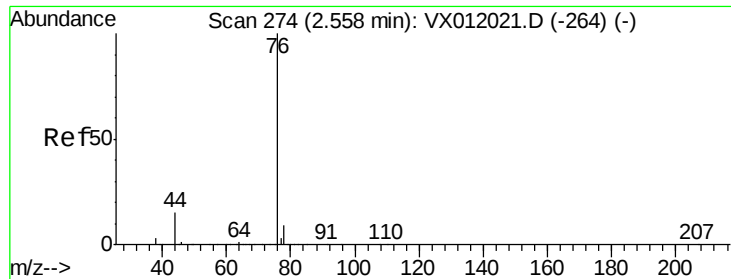
Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	43	Resp:	112676
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.8	34.2





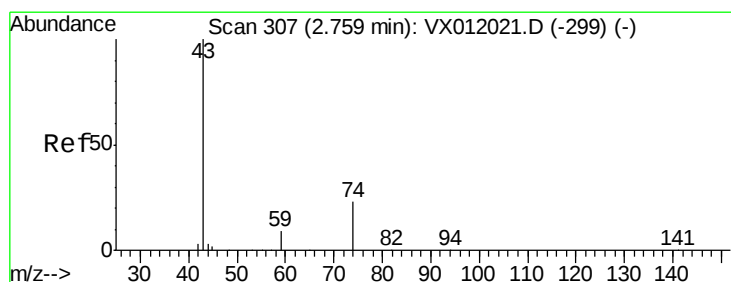
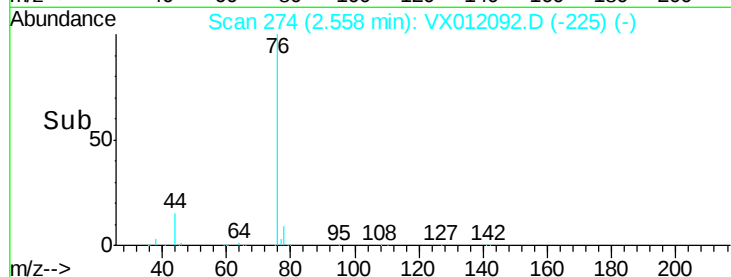
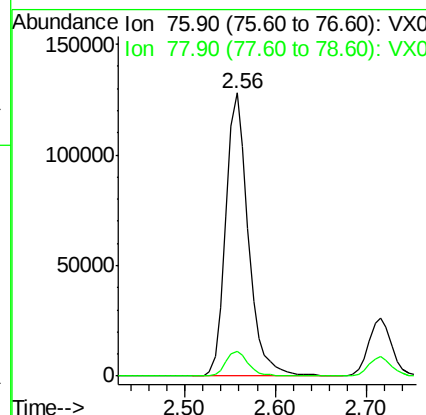
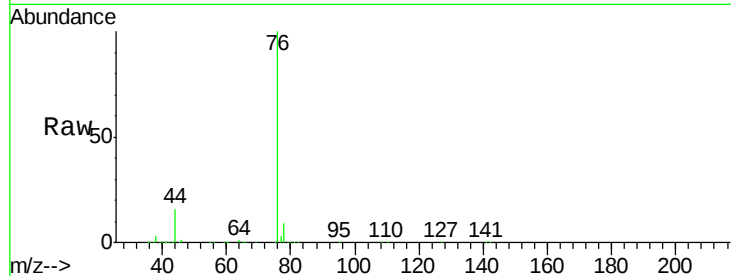
#17
Carbon Disulfide
Concen: 56.214 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

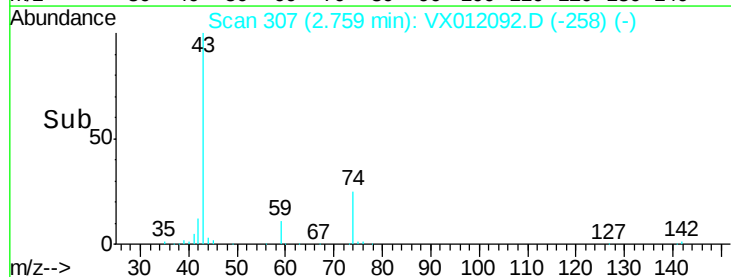
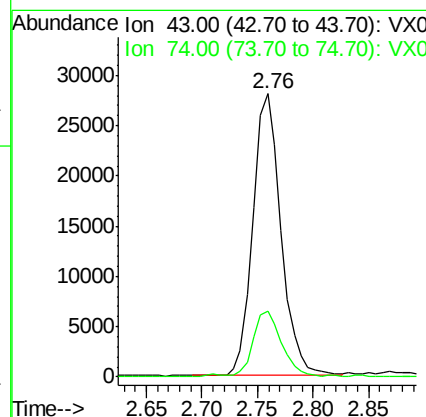
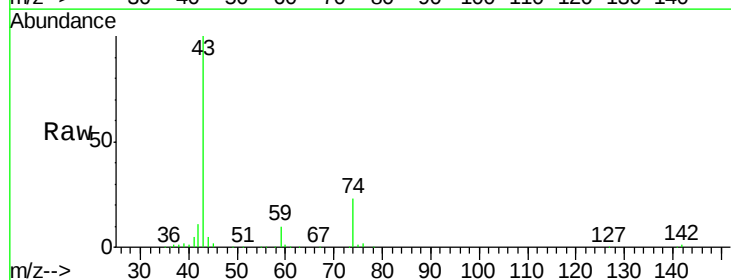
Manual Integrations
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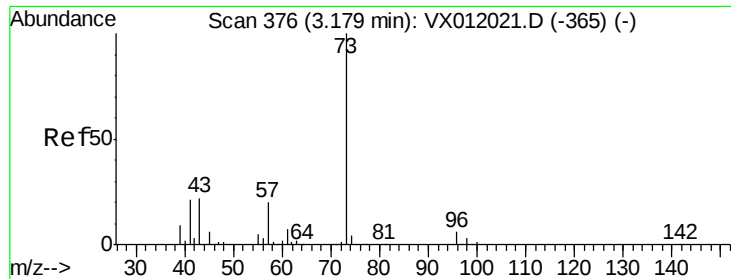
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#18
Methyl Acetate
Concen: 46.381 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.5	29.3





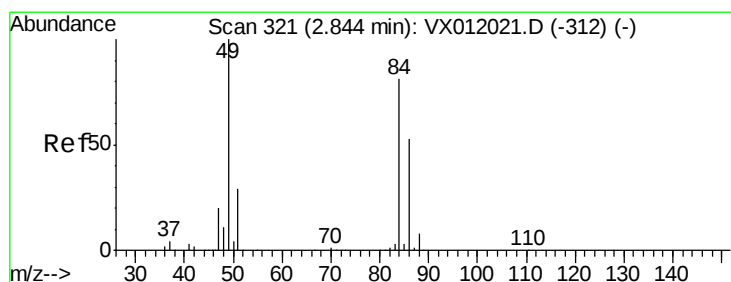
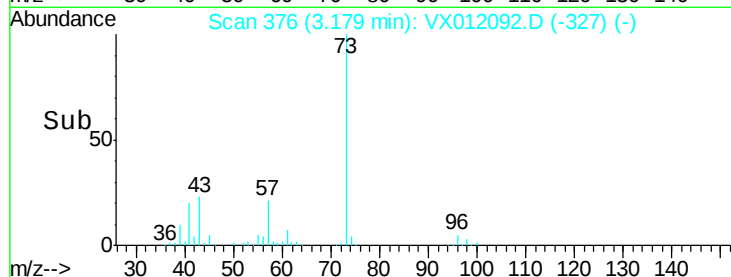
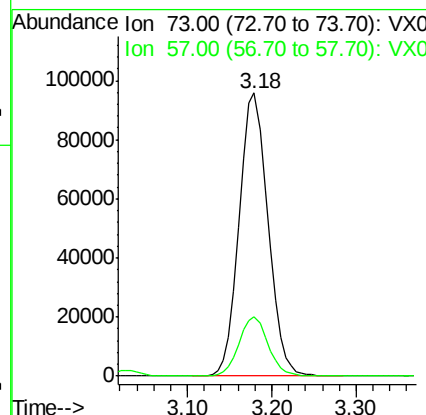
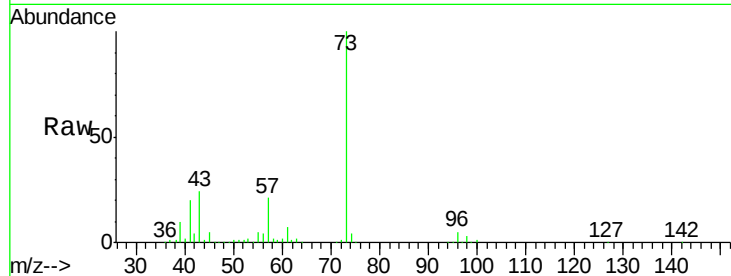
#19
Methyl tert-butyl Ether
Concen: 50.218 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 221502
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

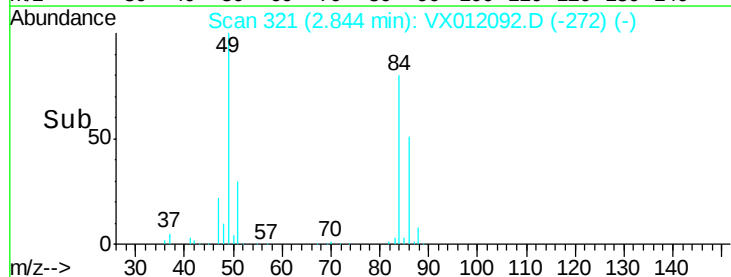
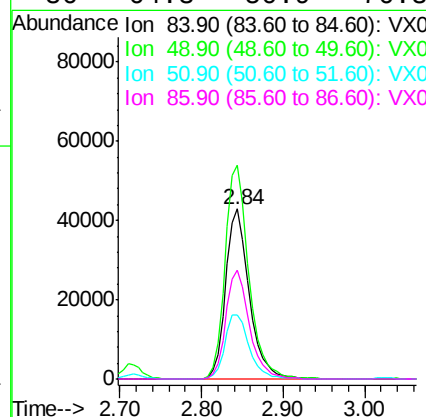
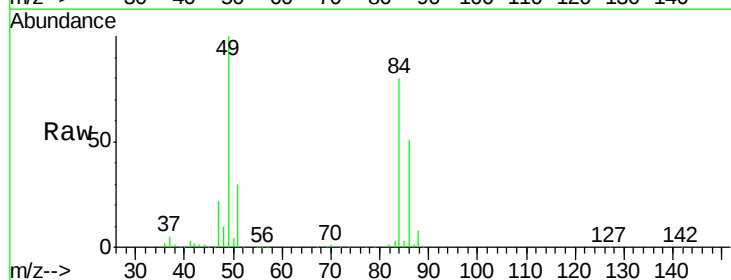
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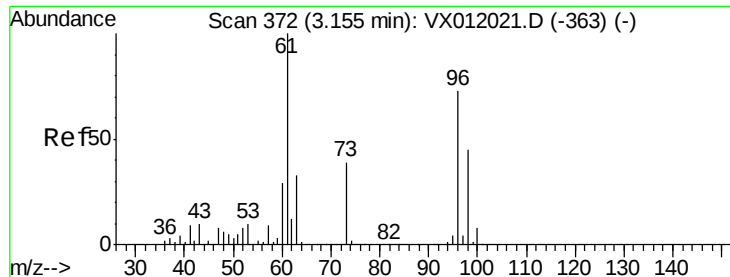
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#20
Methylene Chloride
Concen: 47.400 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion: 84 Resp: 86372
Ion Ratio Lower Upper
84 100
49 125.4 95.8 143.8
51 37.5 28.6 43.0
86 64.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 53.142 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 84489

Ion Ratio Lower Upper

96 100

61 143.4 107.0 160.6

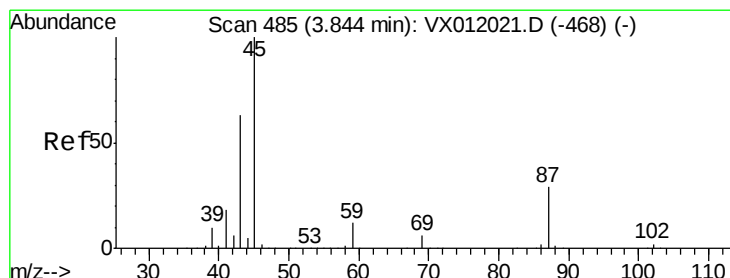
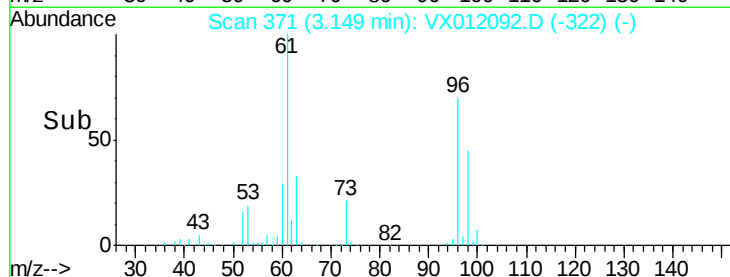
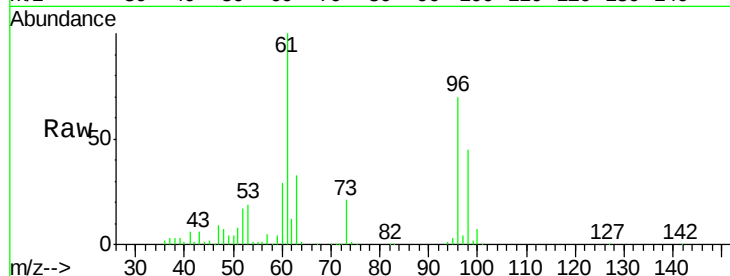
98 64.0 49.8 74.6

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#22

Diisopropyl ether

Concen: 52.442 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion: 45 Resp: 262046

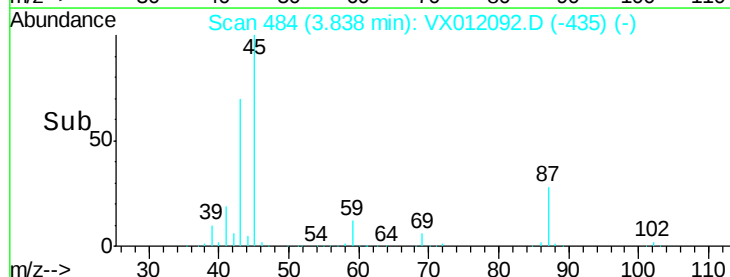
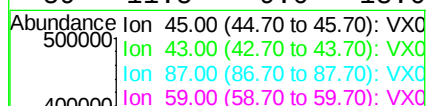
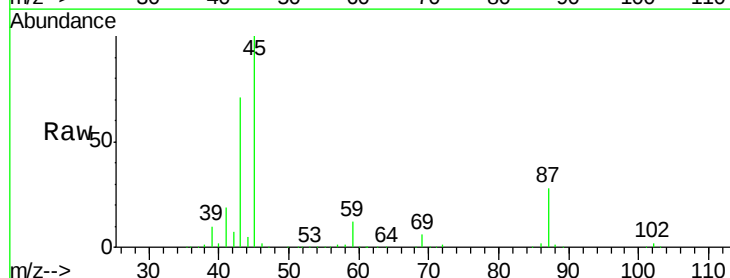
Ion Ratio Lower Upper

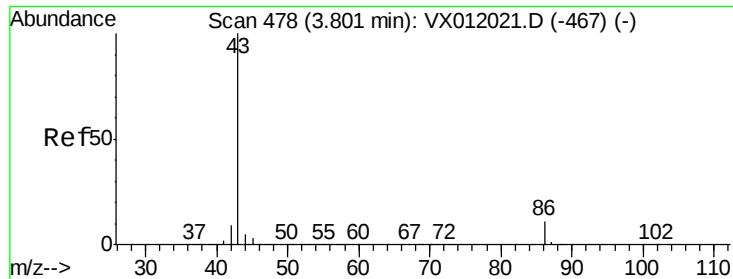
45 100

43 70.2 54.2 81.4

87 27.7 23.4 35.0

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 265.066 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 856803

Ion Ratio Lower Upper

43 100

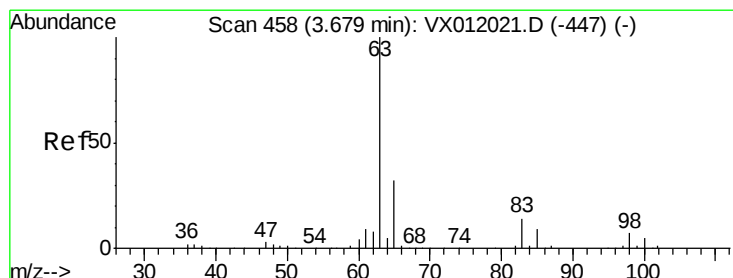
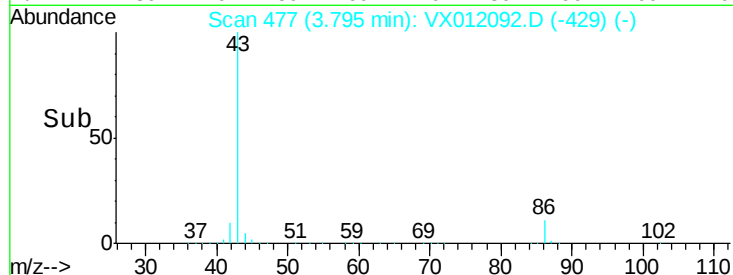
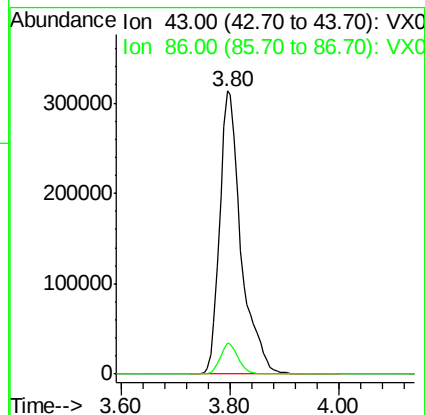
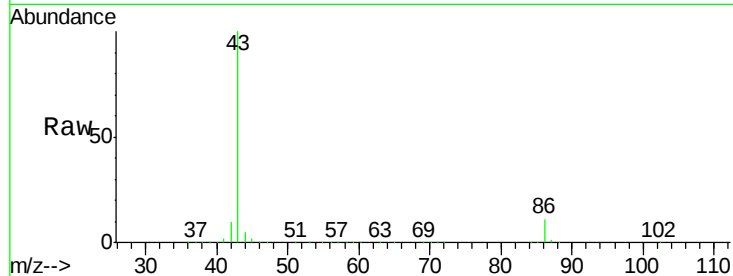
86 10.9 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.412 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

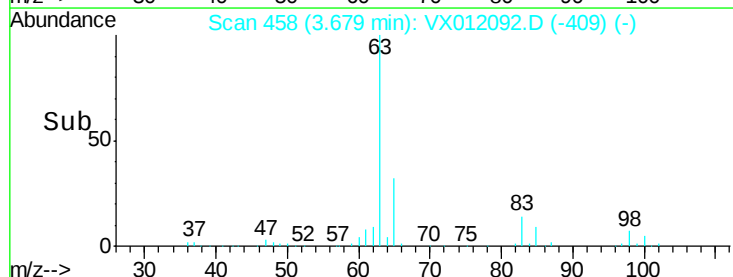
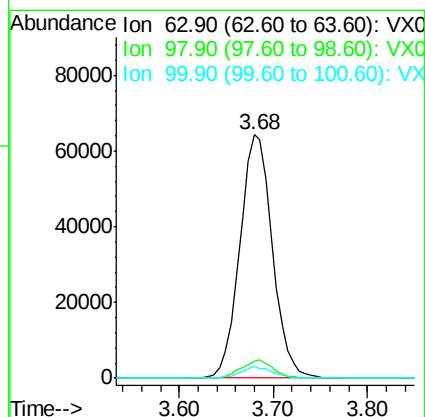
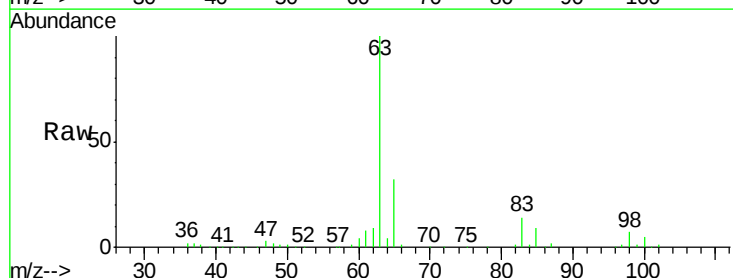
Tgt Ion: 63 Resp: 154791

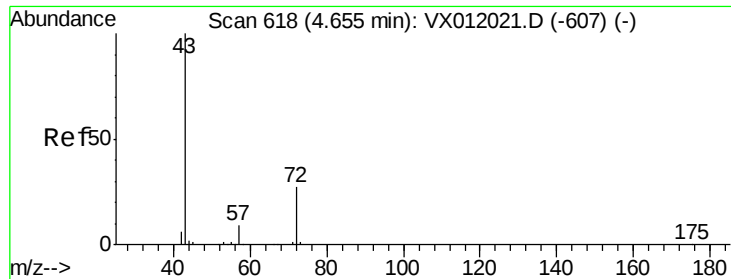
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 249.920 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 144359

Ion Ratio Lower Upper

43 100

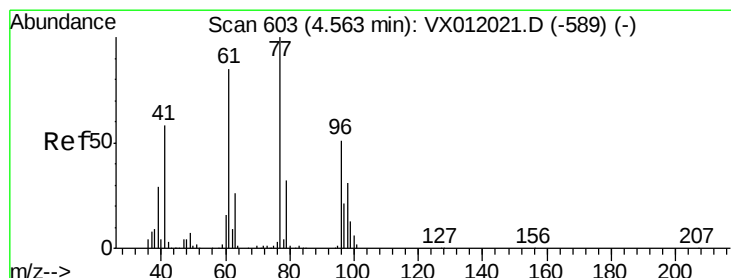
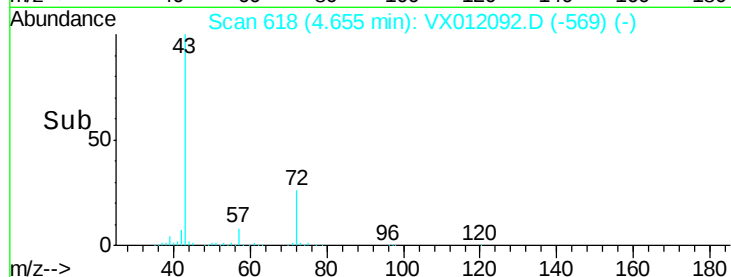
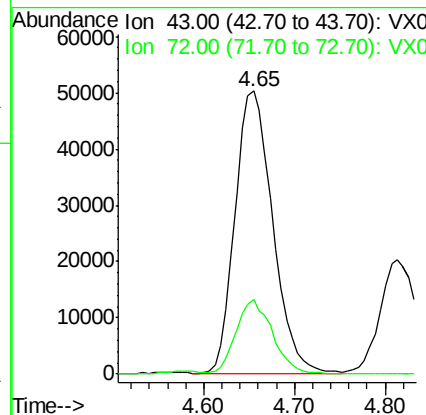
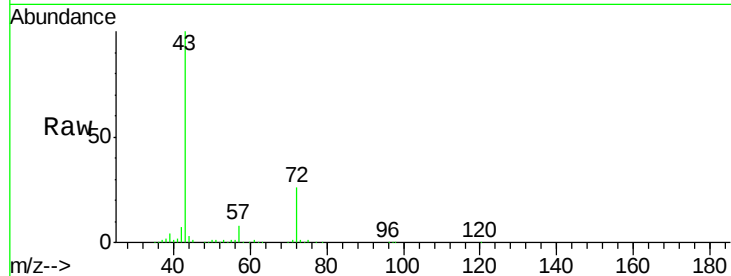
72 26.2 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.949 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012092.D

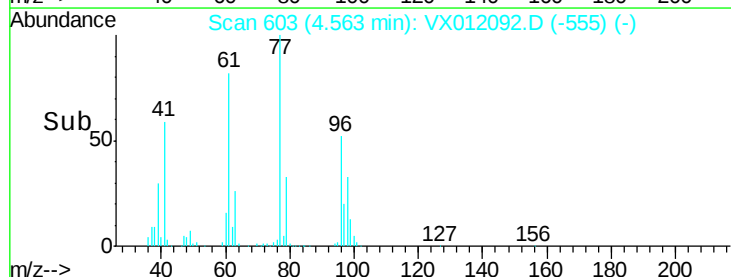
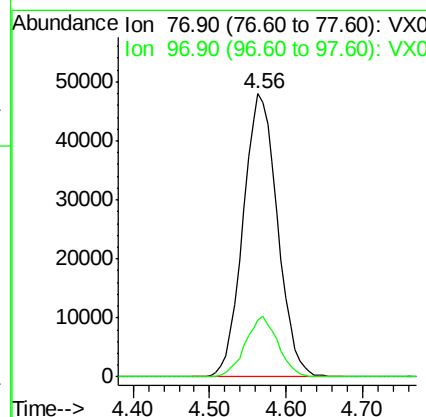
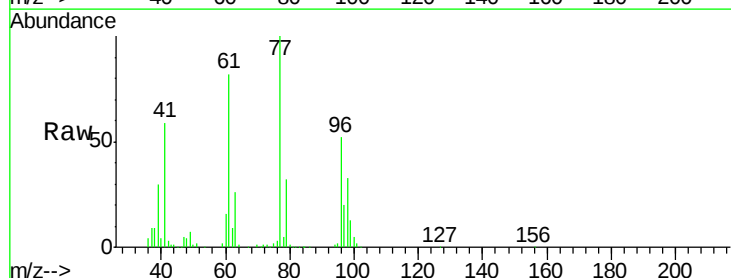
Acq: 05 Sep 2019 10:54

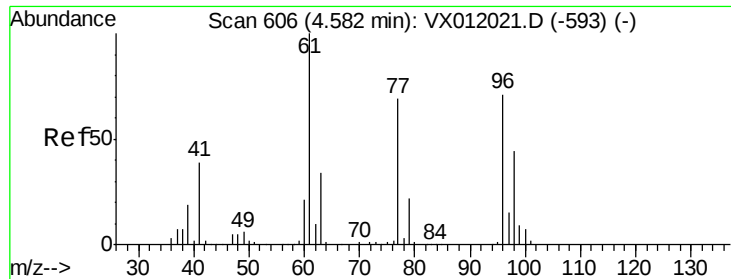
Tgt Ion: 77 Resp: 149699

Ion Ratio Lower Upper

77 100

97 20.4 11.5 34.5





#27

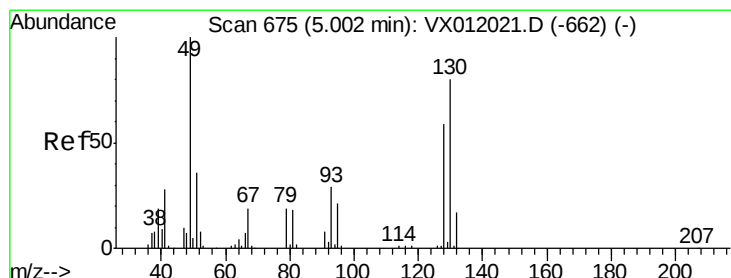
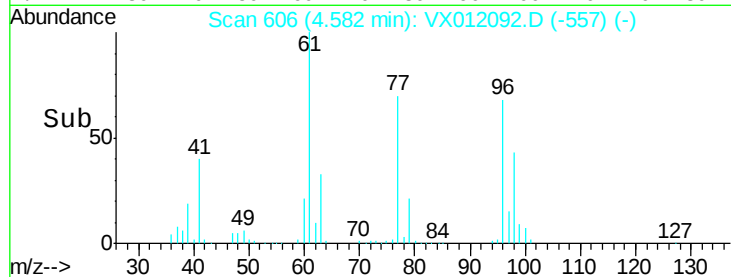
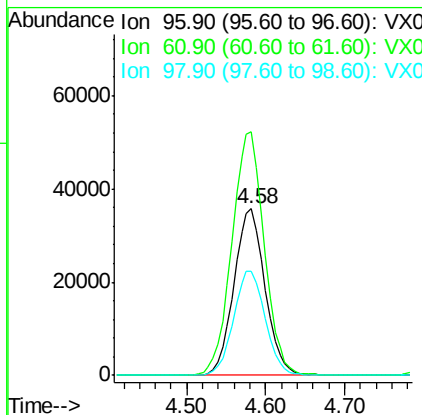
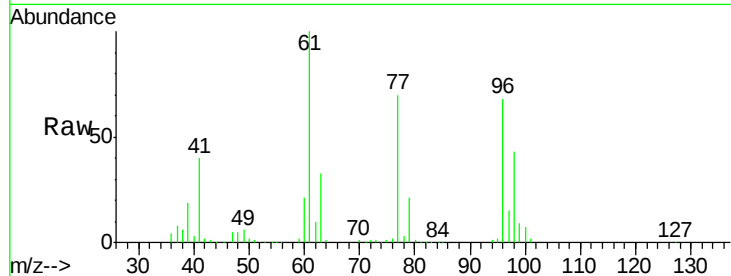
cis-1,2-Dichloroethene
 Concen: 52.599 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.4	0.0	277.0	
98	63.7	0.0	128.4	

Manual Integrations
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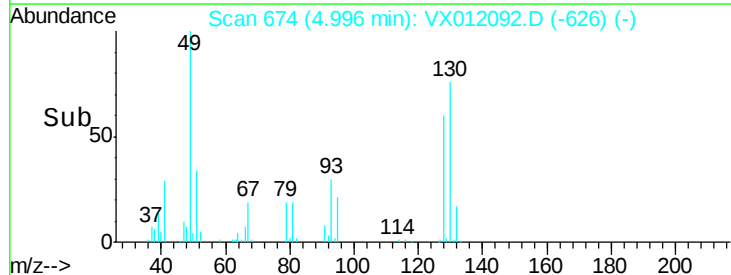
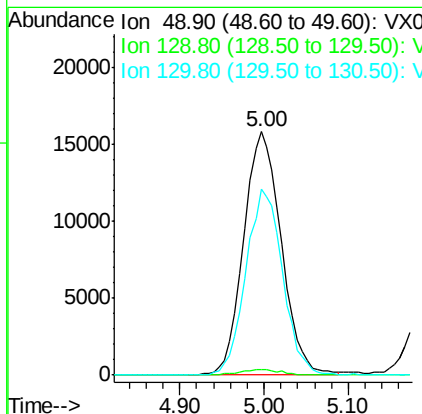
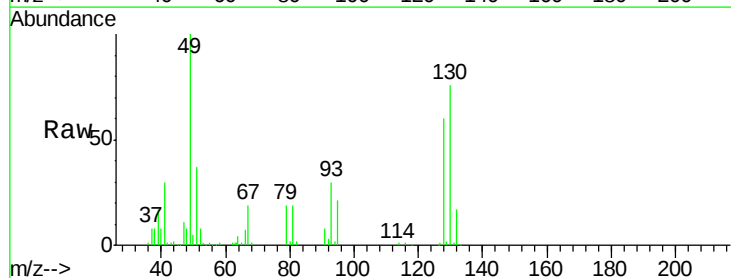
MMDadoda
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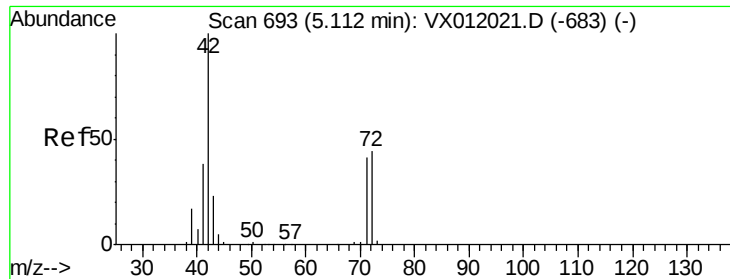


#28

Bromochloromethane
 Concen: 41.474 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.6	
130	74.6	76.7	115.1#	





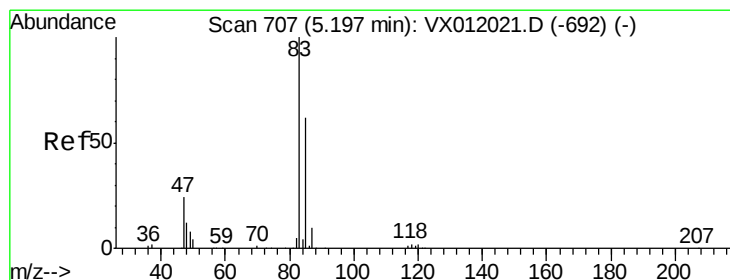
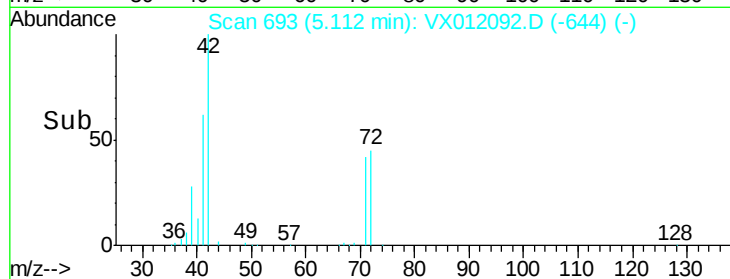
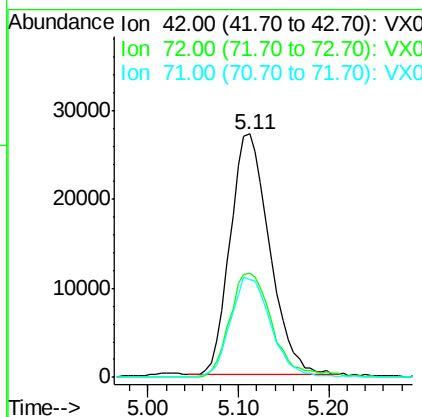
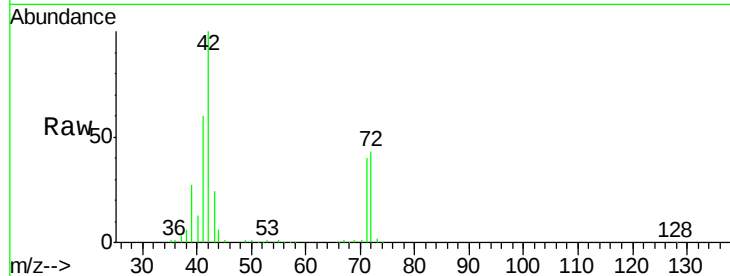
#29
Tetrahydrofuran
Concen: 235.173 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.0	55.4
71	42.5	33.8	50.8

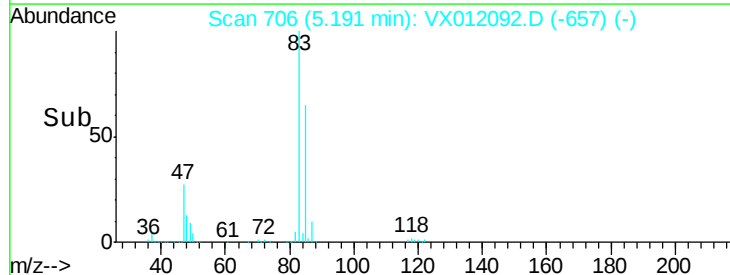
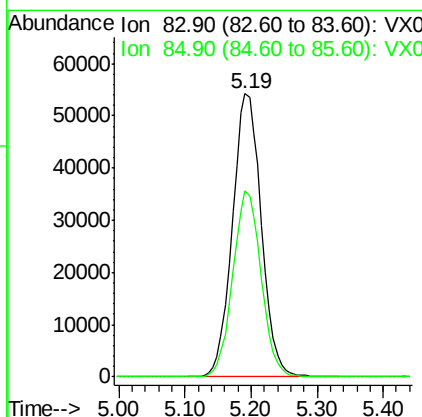
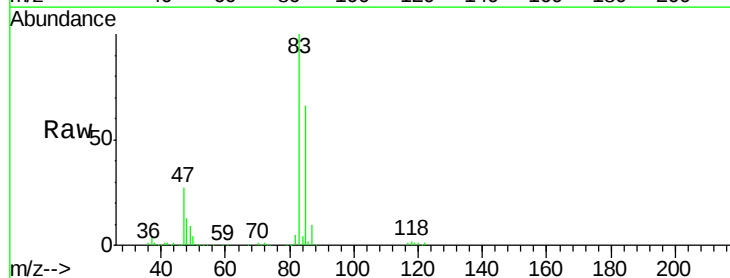
Manual Integrations
APPROVED

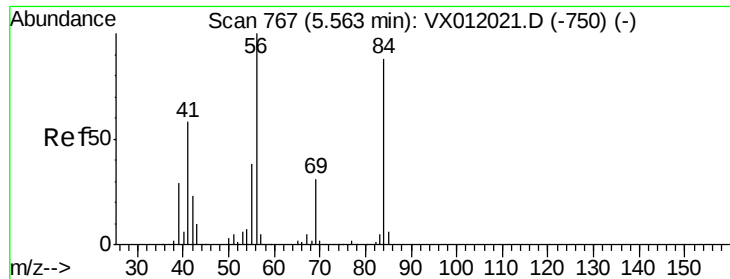
MMDadoda
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#30
Chloroform
Concen: 52.701 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.6	78.8





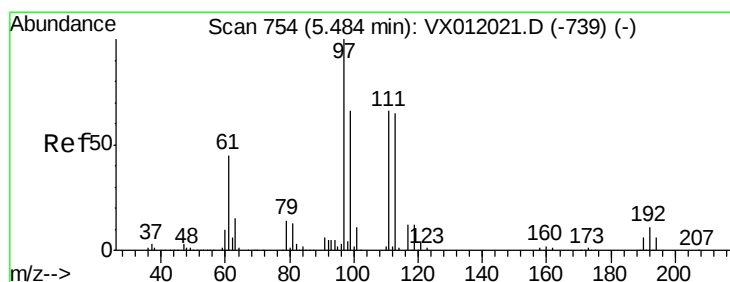
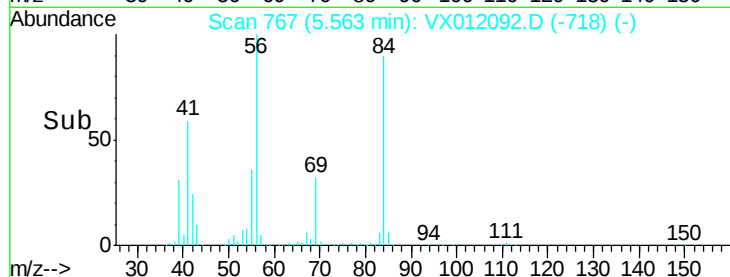
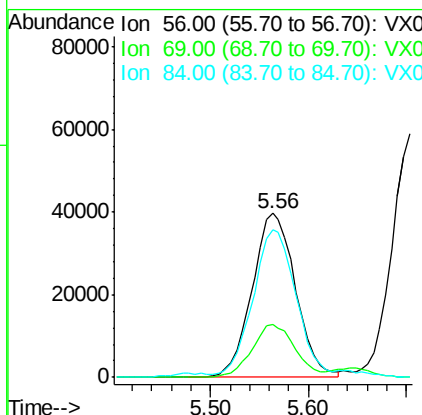
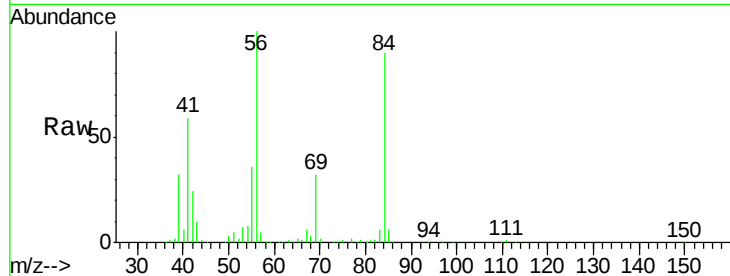
#31
Cyclohexane
Concen: 52.534 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.7	38.5
84	87.4	70.3	105.5

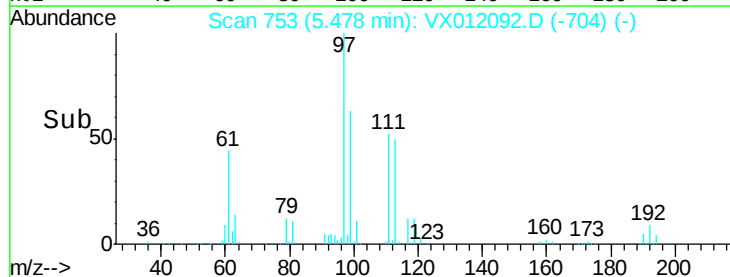
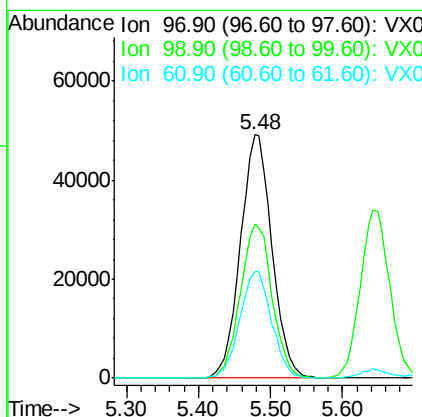
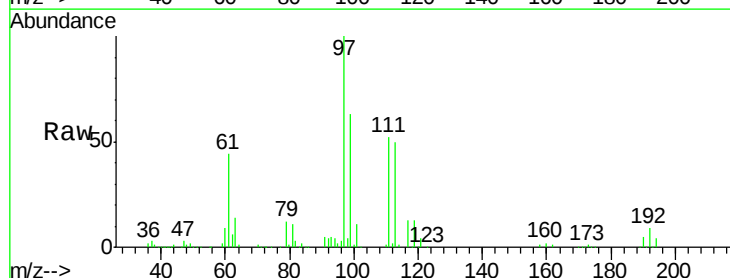
Manual Integrations
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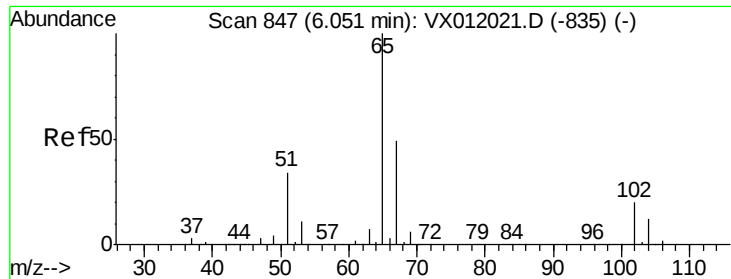
MMDadoda
9/6/2019 12:31:26 PM



#32
1,1,1-Trichloroethane
Concen: 55.183 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.1	78.1
61	44.3	32.8	49.2





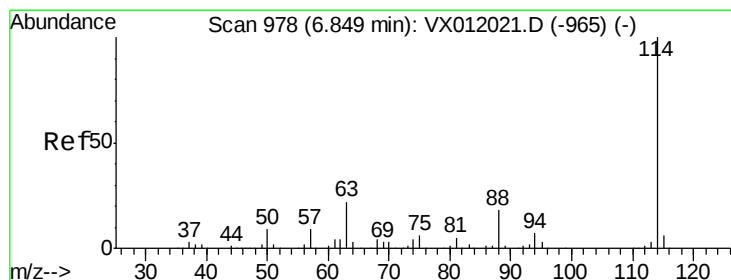
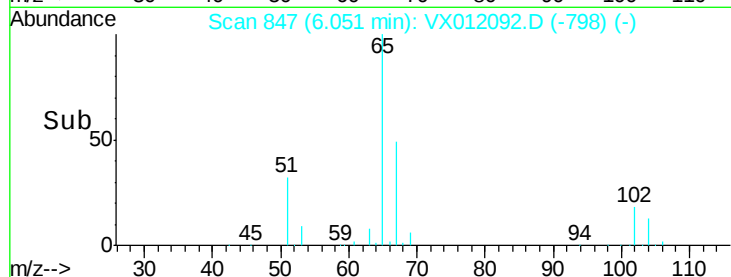
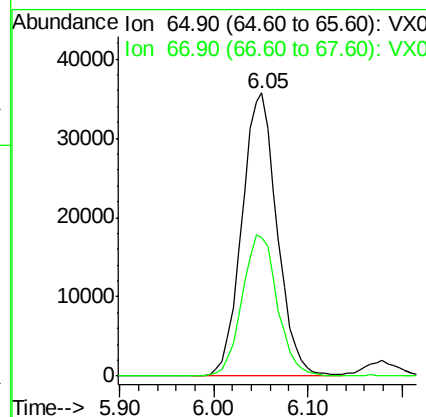
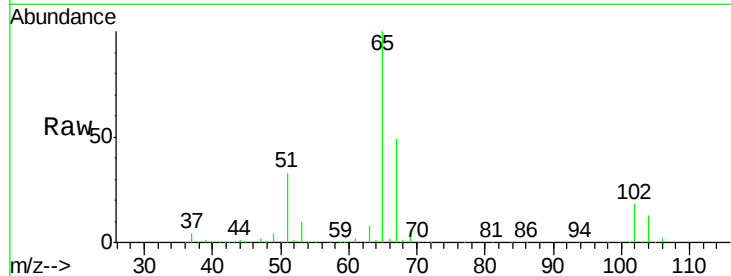
#33
 1,2-Dichloroethane-d4
 Concen: 49.040 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.0

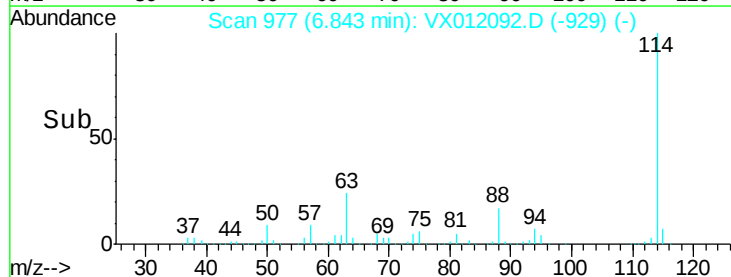
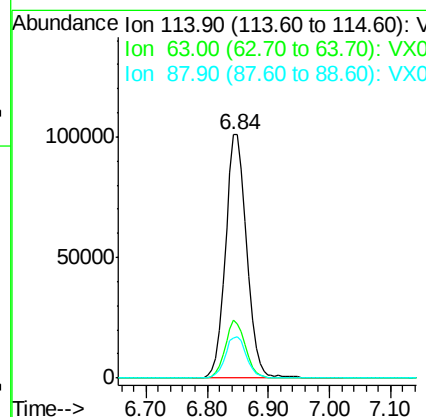
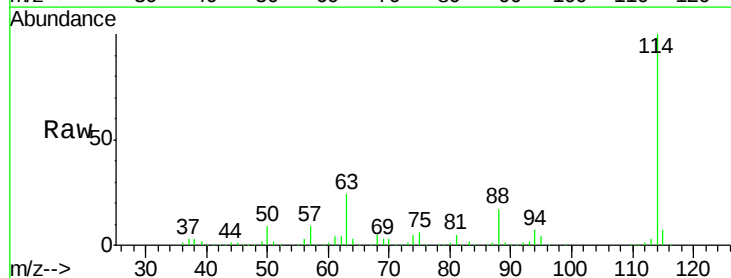
Manual Integrations
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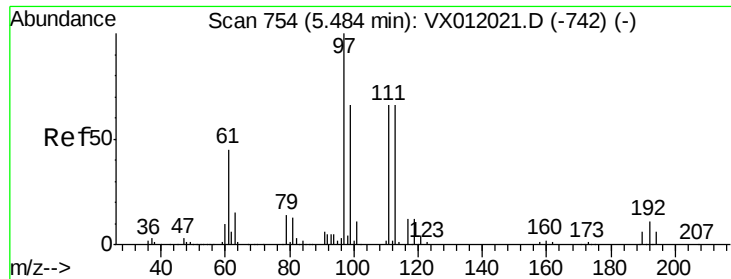
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.4
88	16.7	0.0	29.6





#35

Dibromofluoromethane

Concen: 49.306 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

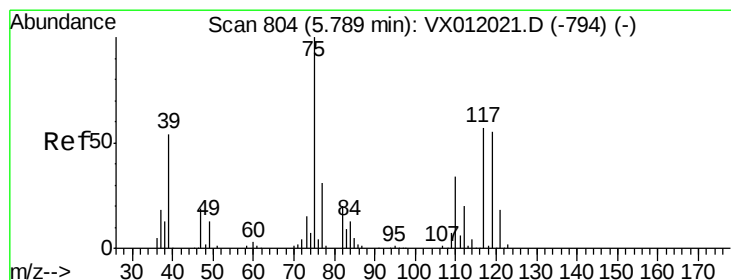
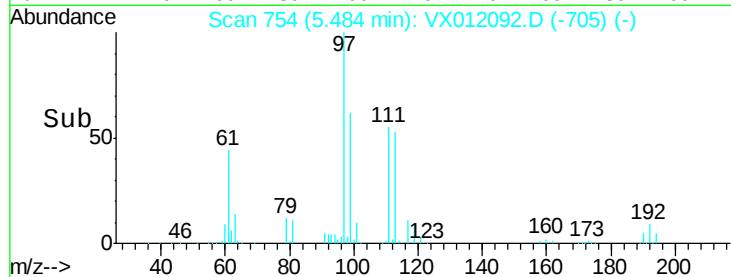
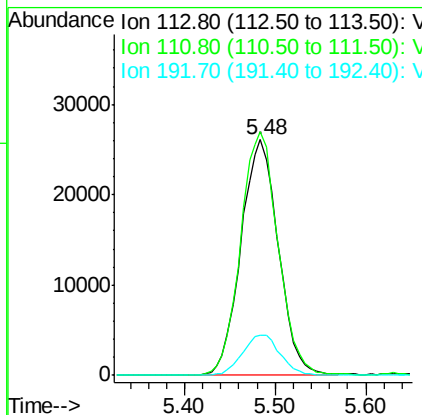
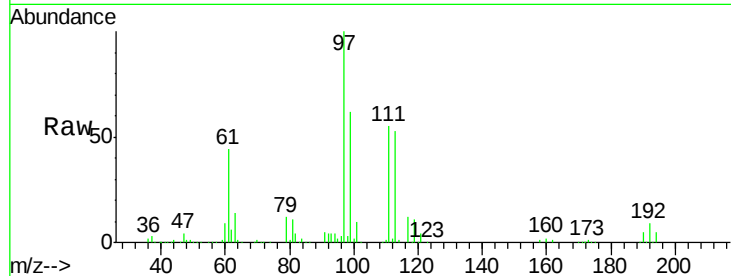
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	17.3	22.5	33.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 55.150 ug/l

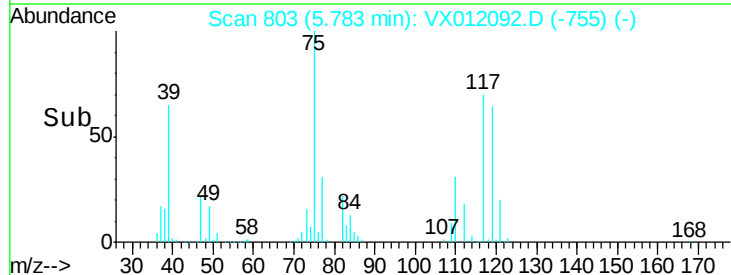
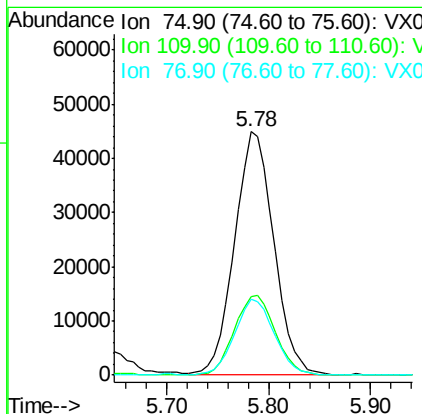
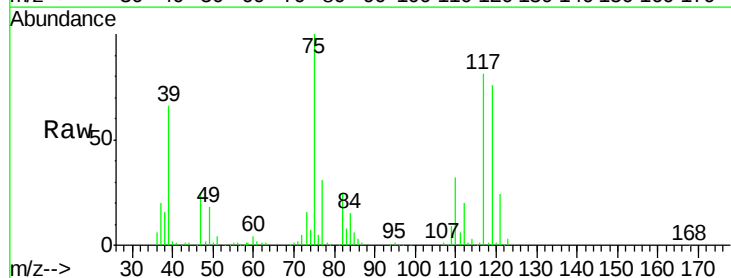
RT: 5.78 min Scan# 803

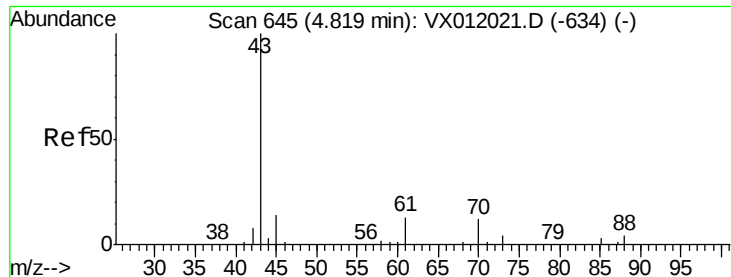
Delta R.T. -0.01 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.5	58.5
77	31.6	24.6	37.0





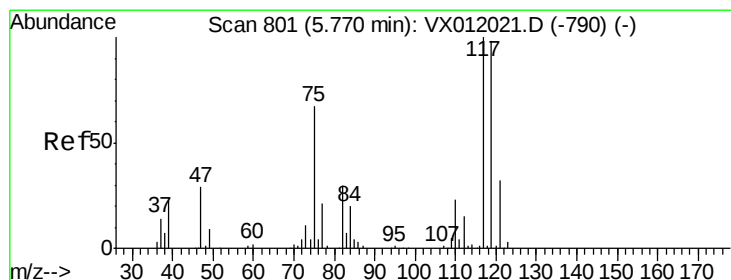
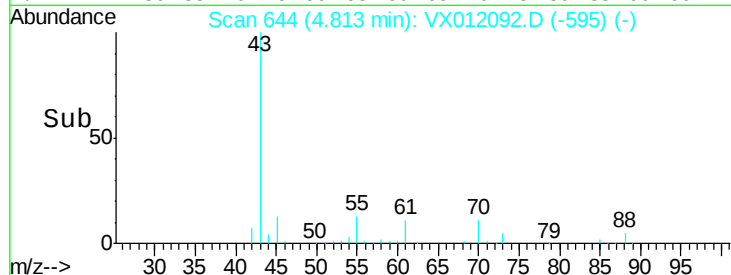
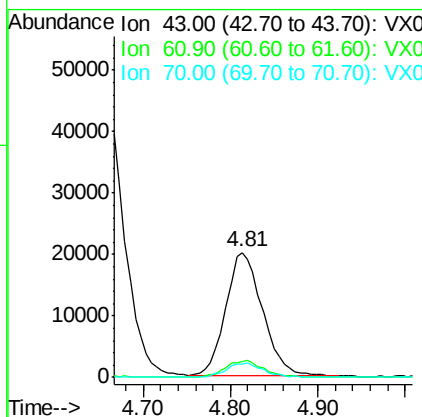
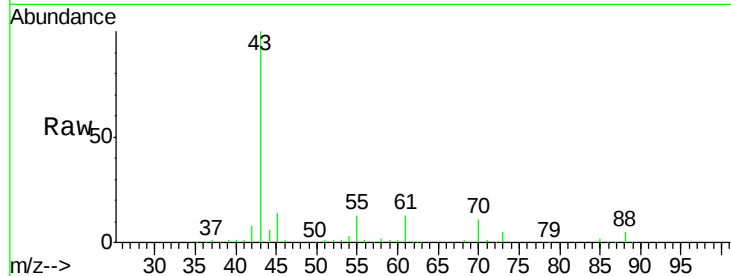
#37
Ethyl Acetate
Concen: 50.644 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	43	Resp:	59484
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	11.7	9.4	14.0

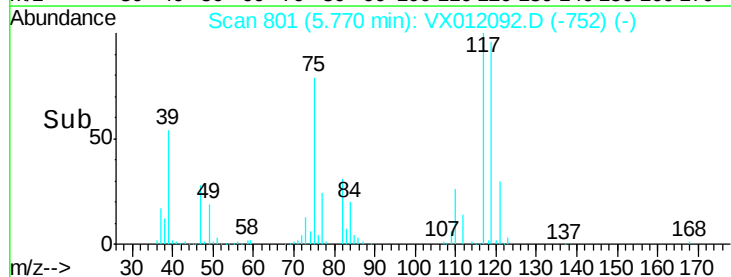
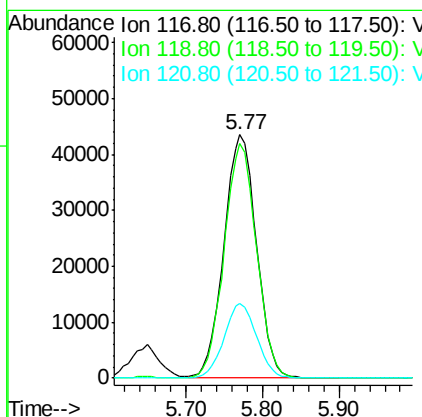
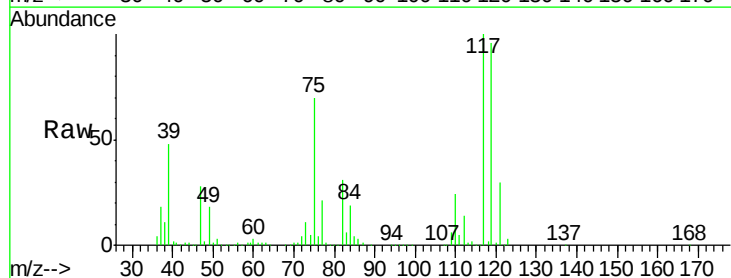
Manual Integrations
APPROVED

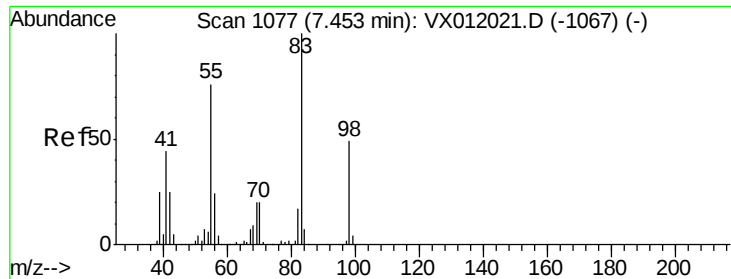
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#38
Carbon Tetrachloride
Concen: 56.342 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion:	117	Resp:	128235
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.3	117.5
121	30.4	24.2	36.2





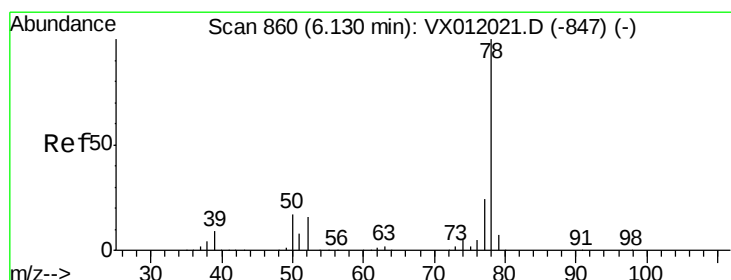
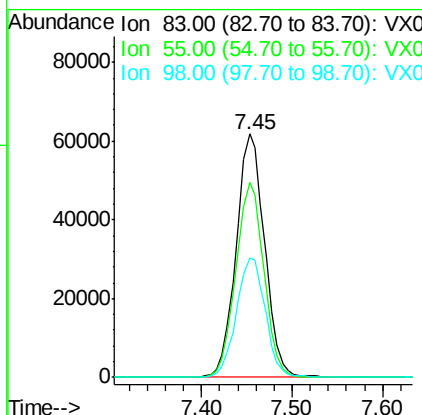
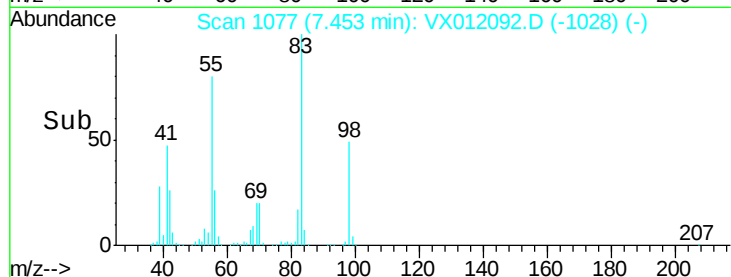
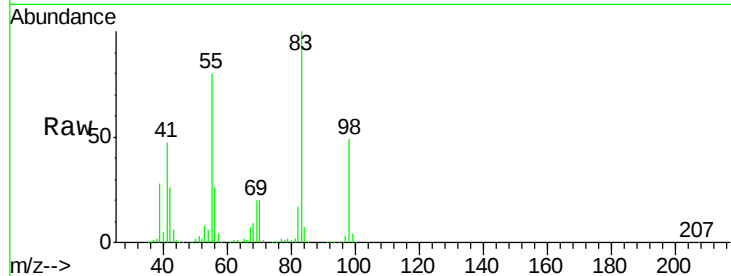
#39
Methvlcvclohexane
Concen: 53.721 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	134673		
55	79.9		59.6	89.4
98	49.3		41.4	62.0

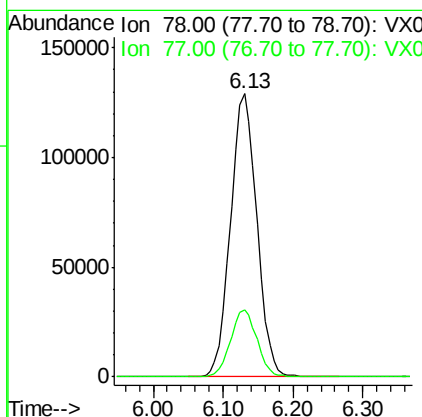
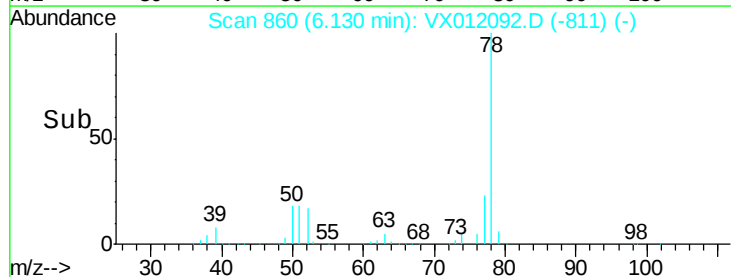
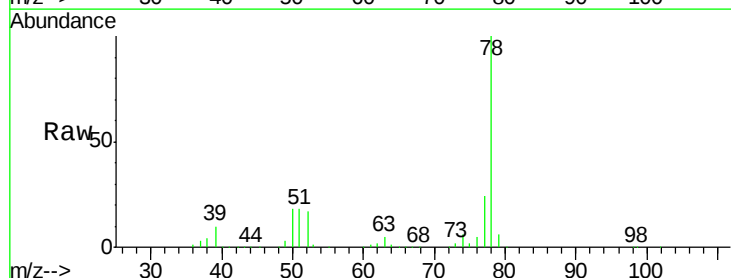
Manual Integrations
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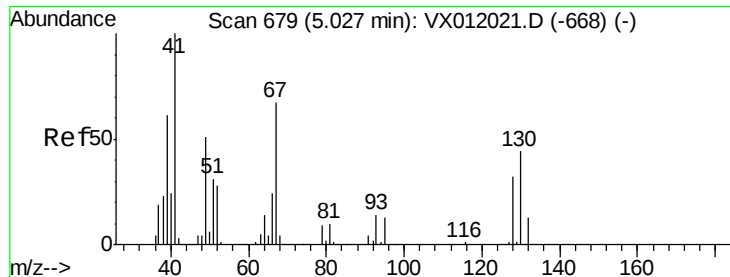
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#40
Benzene
Concen: 54.522 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	338078		
77	23.6		19.3	28.9





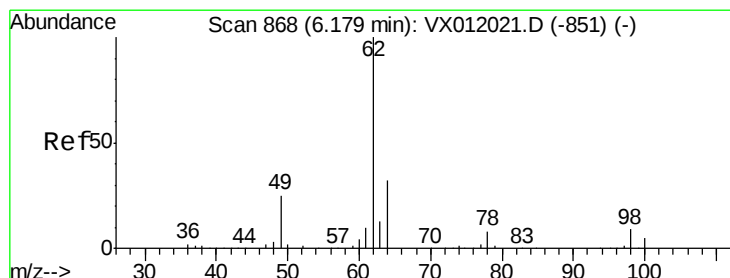
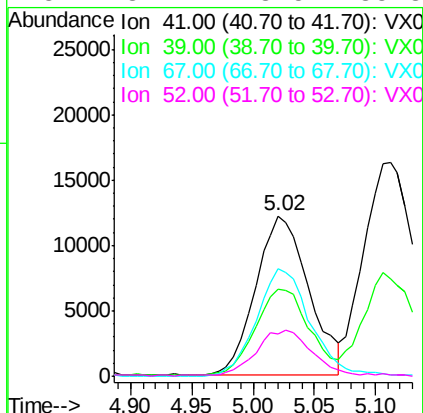
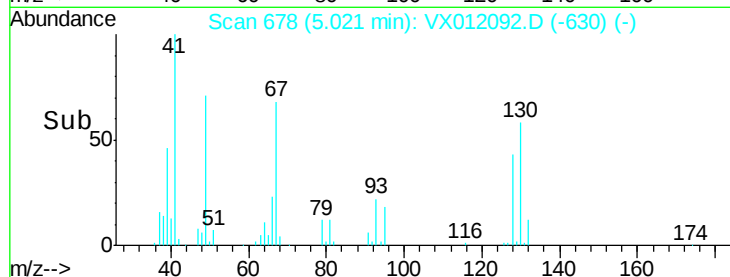
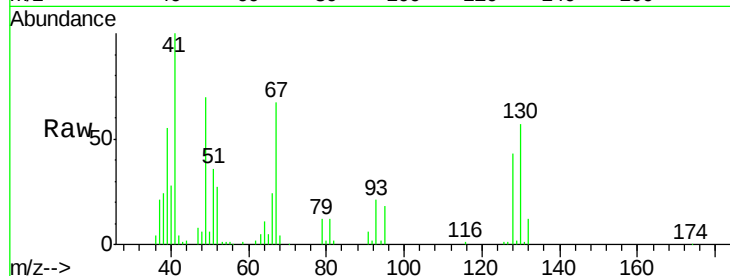
#41
Methacrylonitrile
Concen: 52.597 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36842		
39	55.5	46.7	70.1		
67	68.4	57.0	85.6		
52	31.7	23.5	35.3		

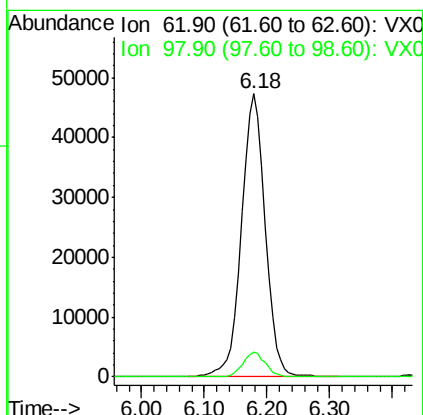
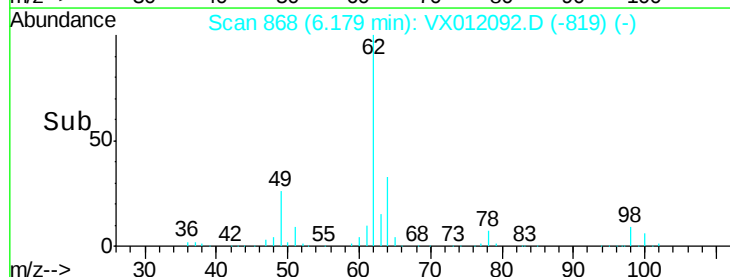
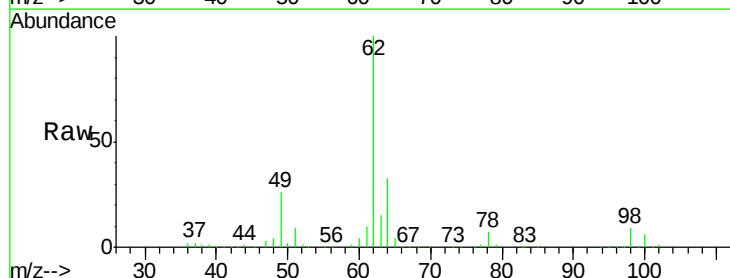
Manual Integrations
APPROVED

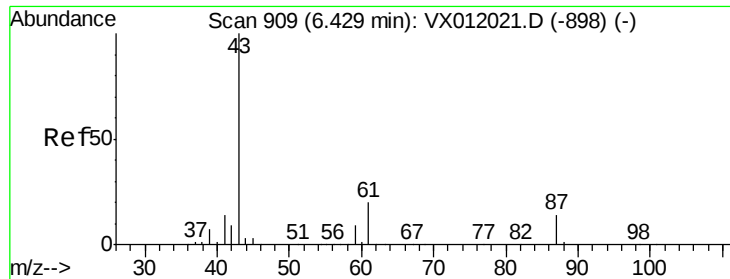
MMDadoda
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#42
1,2-Dichloroethane
Concen: 55.690 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		124270		
98	8.3	0.0	19.2		





#43

Isopropyl Acetate

Concen: 52.027 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

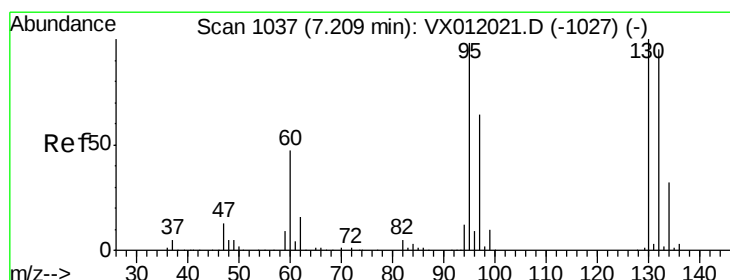
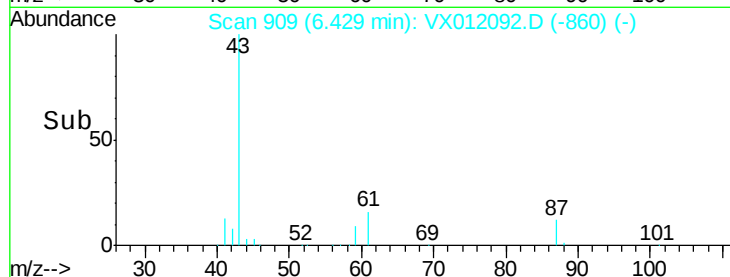
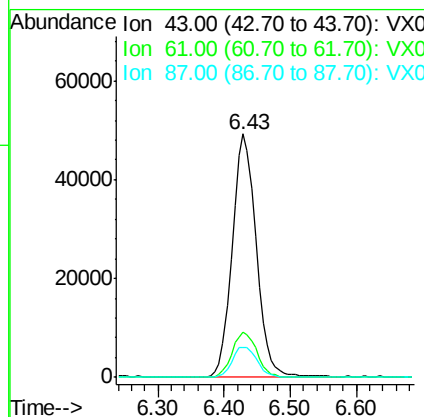
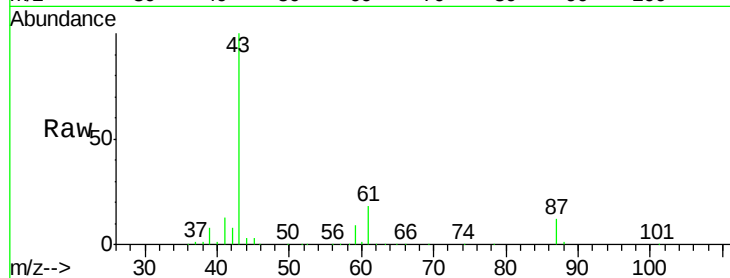
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	124254
Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.1	24.1
87	12.9	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 54.301 ug/l

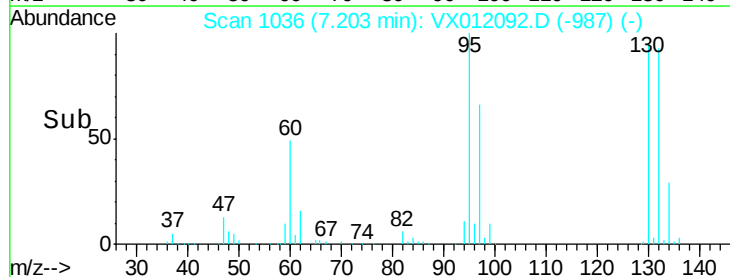
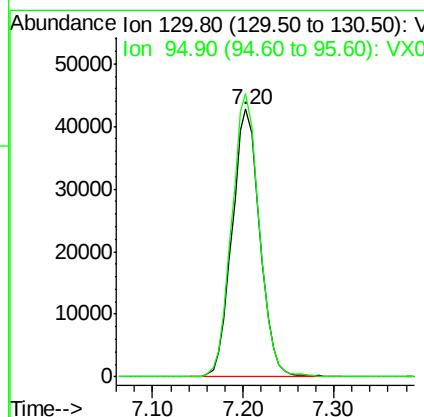
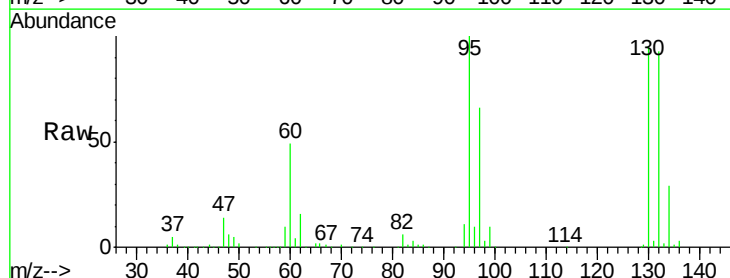
RT: 7.20 min Scan# 1036

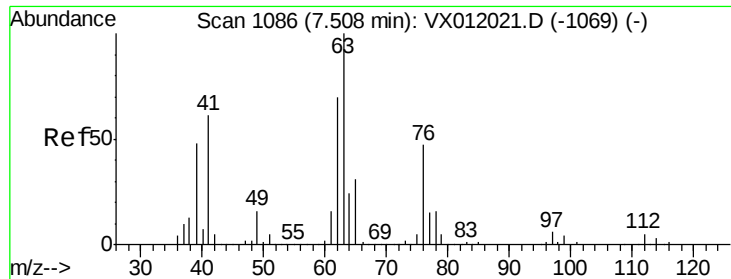
Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	130	Resp:	90817
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	176.4





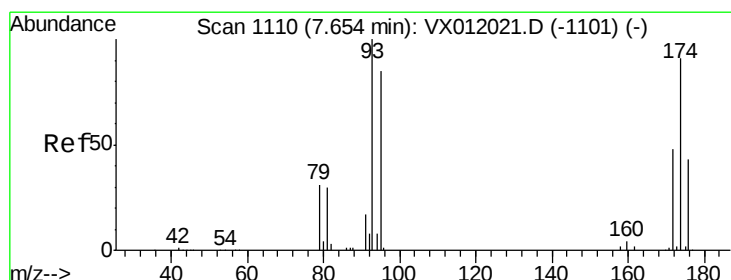
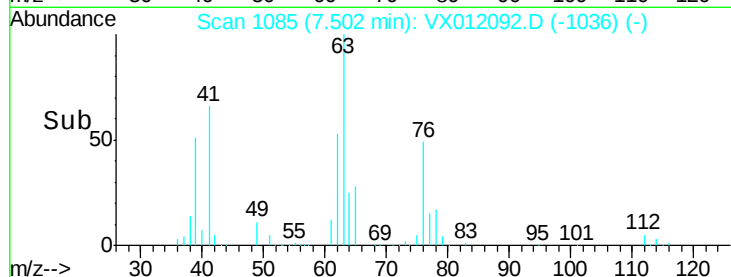
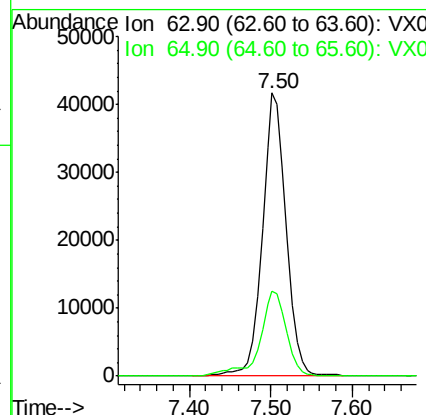
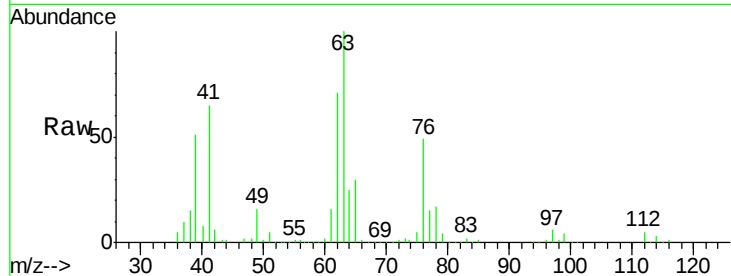
#45
 1,2-Dichloropropane
 Concen: 52.819 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 84620
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

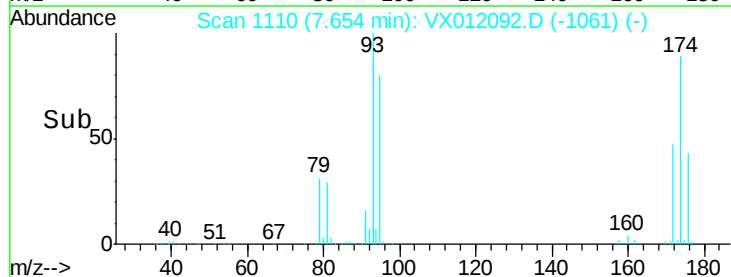
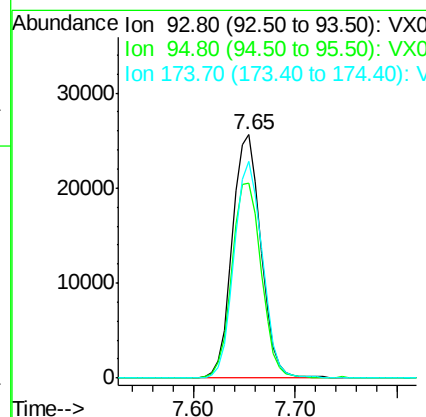
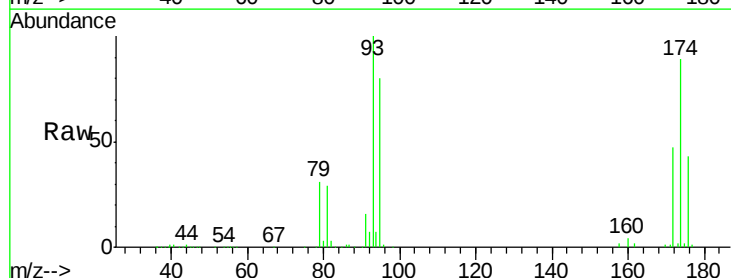
Manual Integrations
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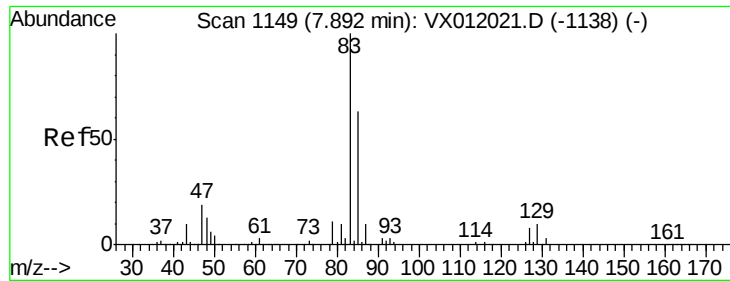
MMDadoda
 9/6/2019 12:31:26 PM



#46
 Dibromomethane
 Concen: 53.242 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion: 93 Resp: 49793
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.2 99.2
 174 87.7 110.2 165.4#





#47

Bromodichloromethane

Concen: 53.135 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

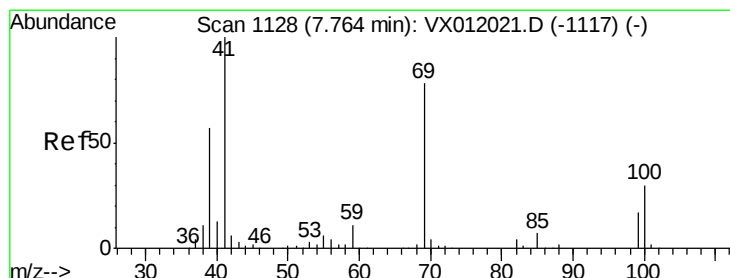
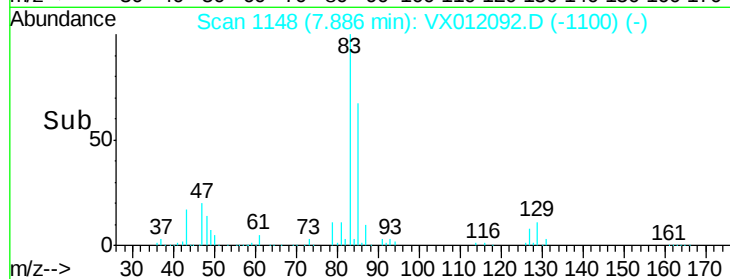
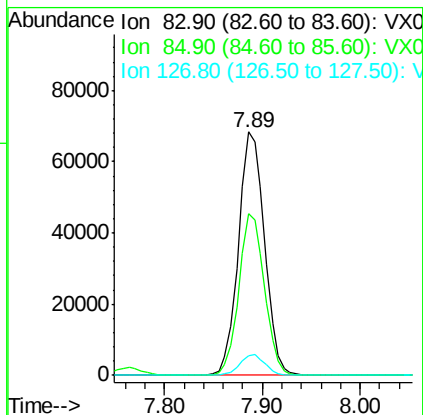
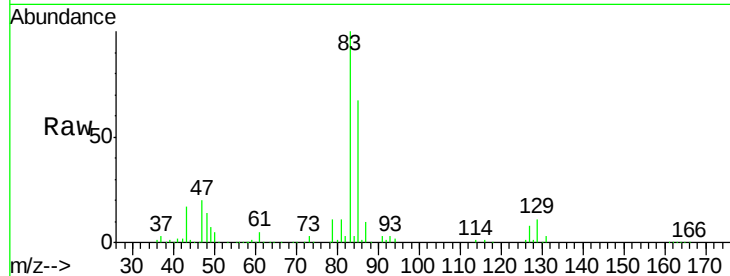
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	126314
Ion Ratio	Lower	Upper	
83	100		
85	66.5	50.3	75.5
127	7.8	8.1	12.1#

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 51.574 ug/l

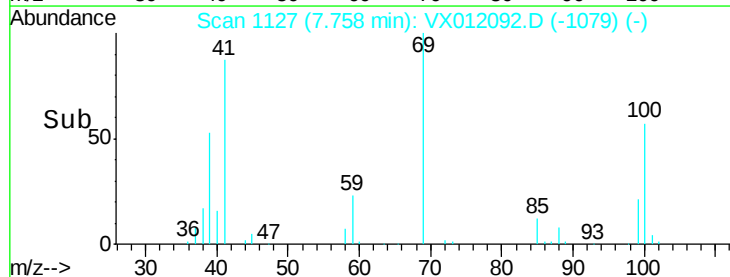
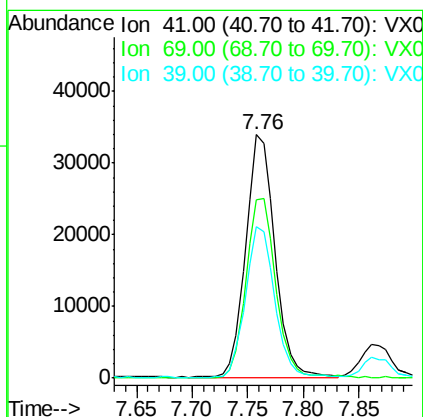
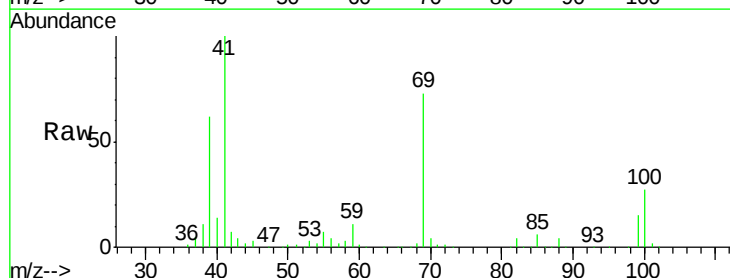
RT: 7.76 min Scan# 1127

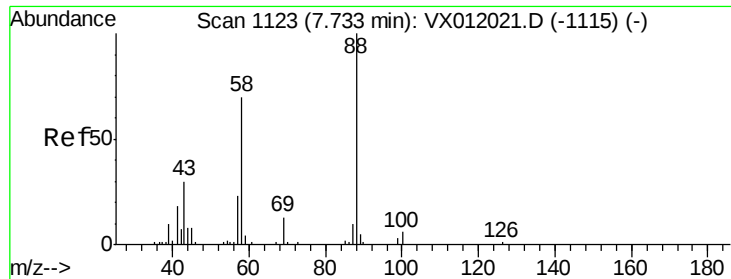
Delta R.T. -0.01 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	41	Resp:	61932
Ion Ratio	Lower	Upper	
41	100		
69	76.1	66.3	99.5
39	62.2	48.1	72.1





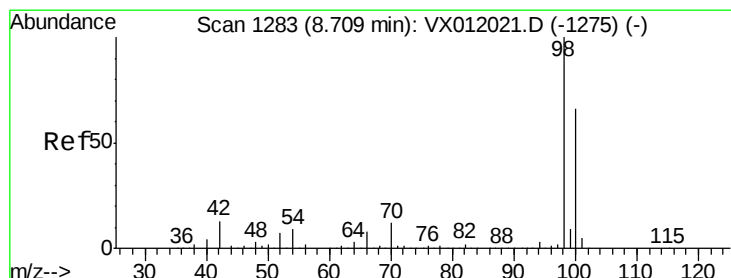
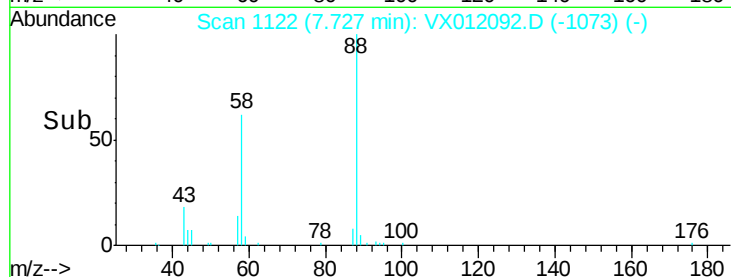
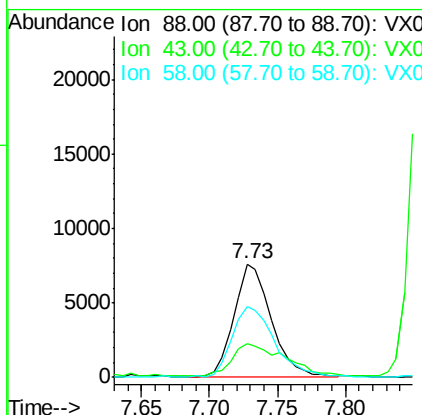
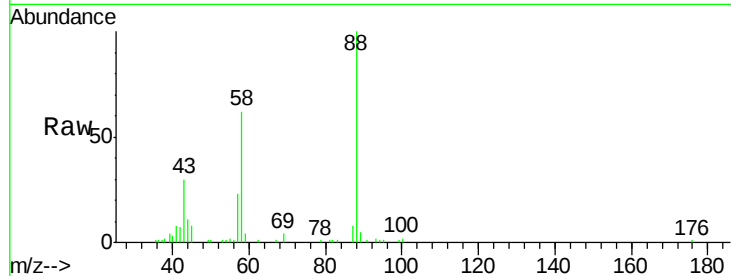
#49
1,4-Dioxane
Concen: 889.487 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	14561		
43	39.8		29.8	44.6
58	71.9		55.4	83.2

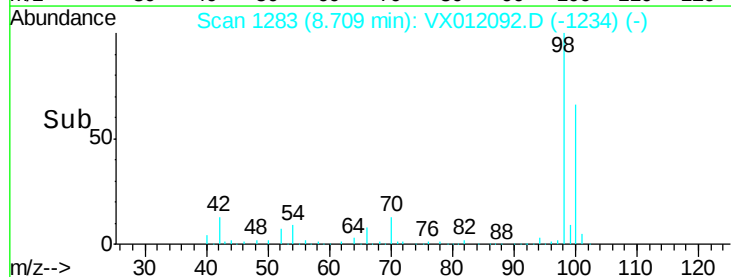
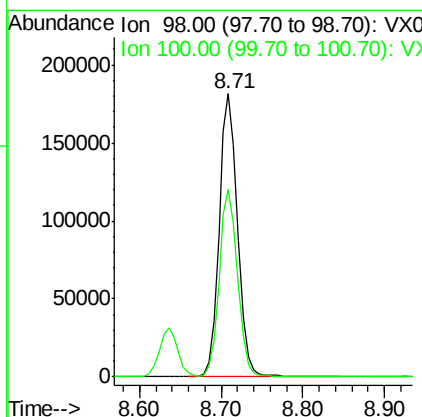
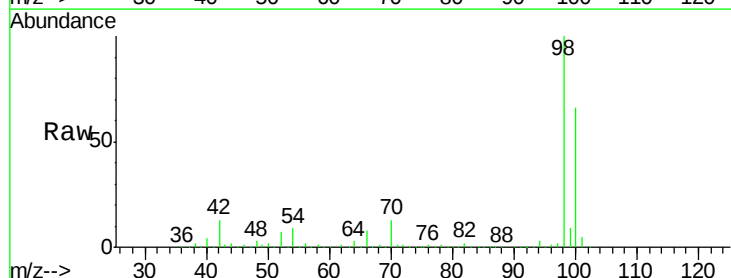
Manual Integrations
APPROVED

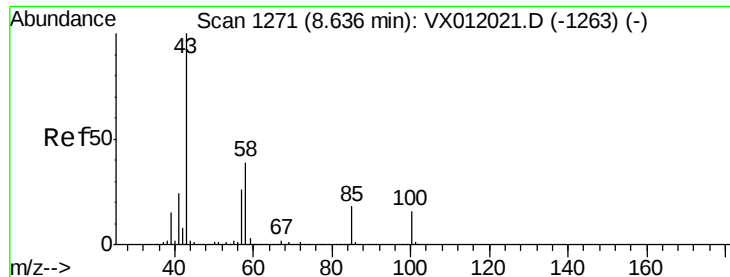
MMDadoda
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#50
Toluene-d8
Concen: 51.455 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	284766		
100	66.3		53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 251.549 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 305574

Ion Ratio Lower Upper

43 100

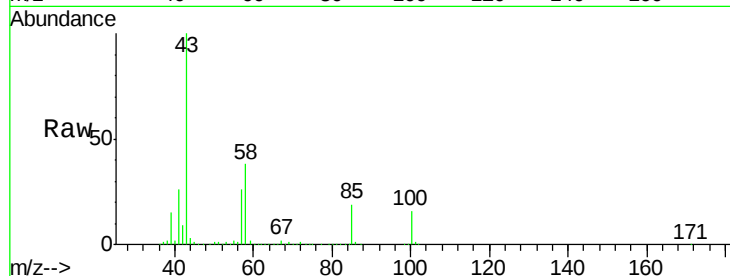
58 37.7 31.5 47.3

Manual Integrations

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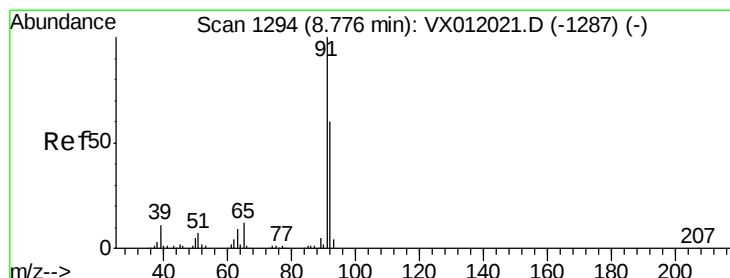
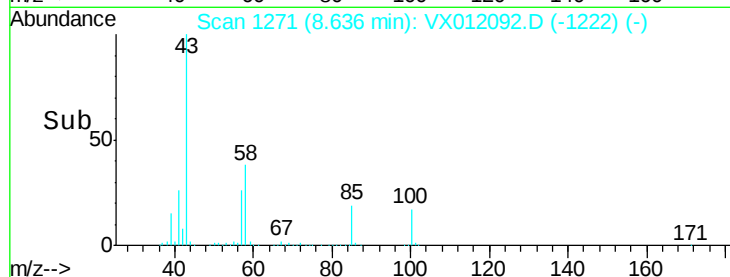
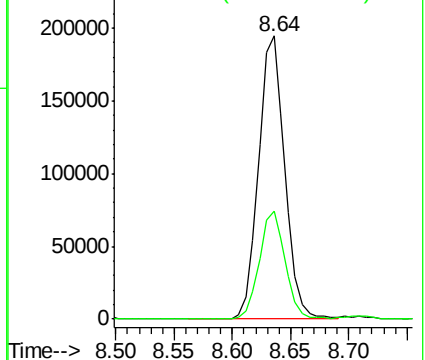
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.323 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012092.D

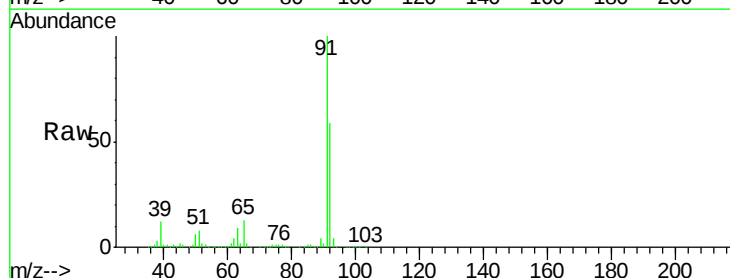
Acq: 05 Sep 2019 10:54

Tgt Ion: 92 Resp: 219170

Ion Ratio Lower Upper

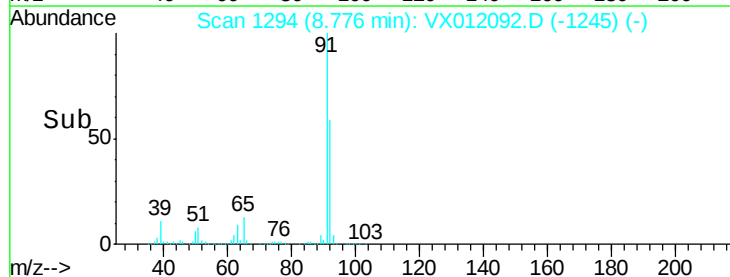
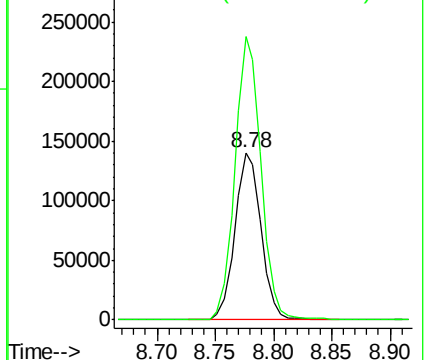
92 100

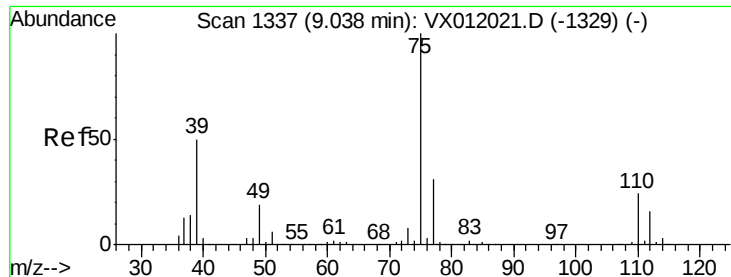
91 169.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





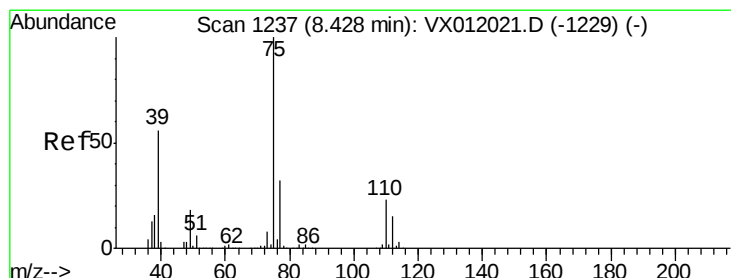
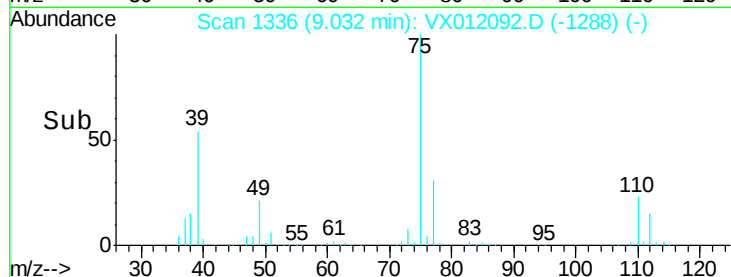
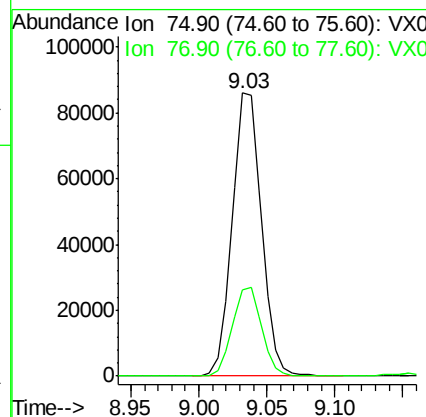
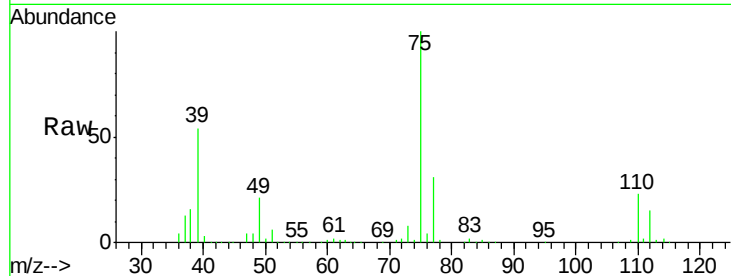
#53
 t-1,3-Dichloropropene
 Concen: 52.360 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 128864
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7

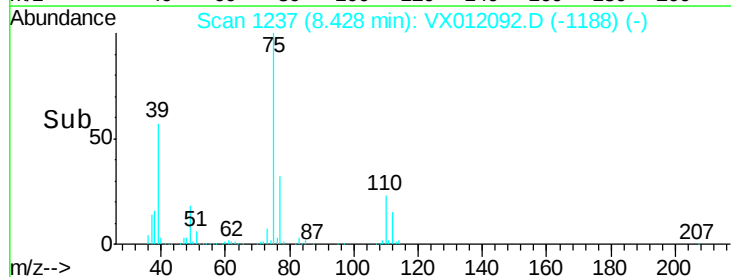
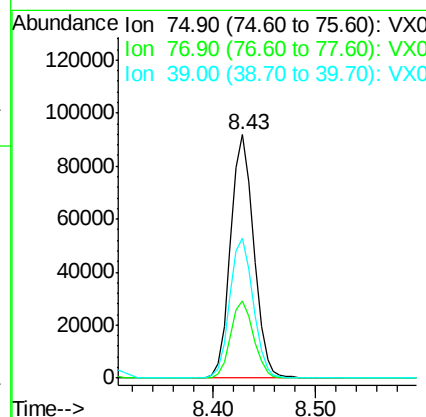
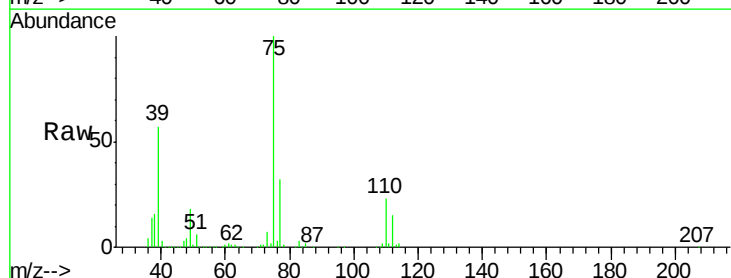
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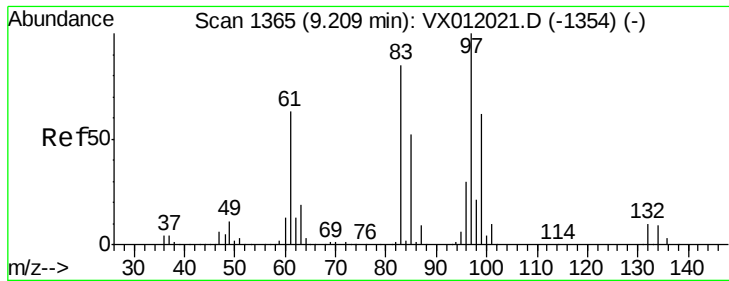
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 9/6/2019 12:31:26 PM



#54
 cis-1,3-Dichloropropene
 Concen: 52.870 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion: 75 Resp: 144695
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 57.3 43.0 64.4





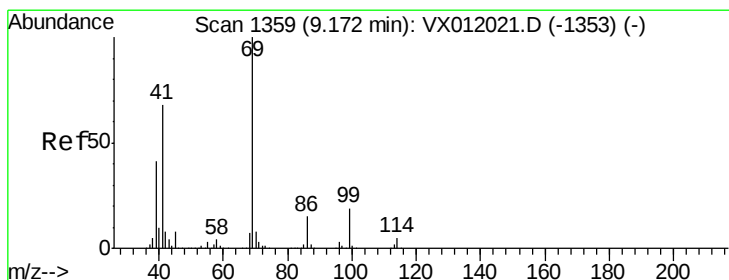
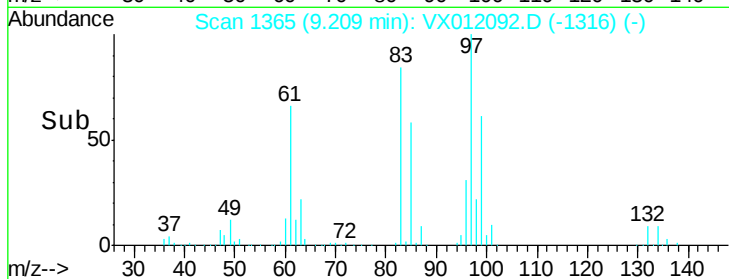
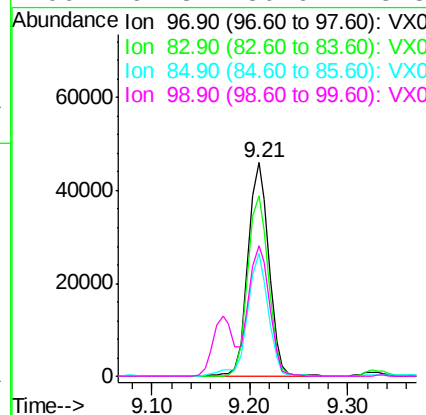
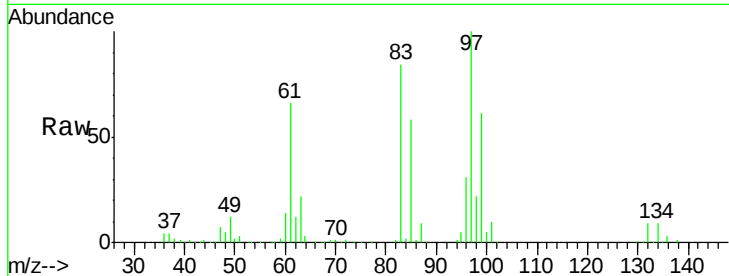
#55
 1,1,2-Trichloroethane
 Concen: 51.103 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	68328
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.0	99.0
85	57.6	41.0	61.6
99	61.3	50.6	75.8

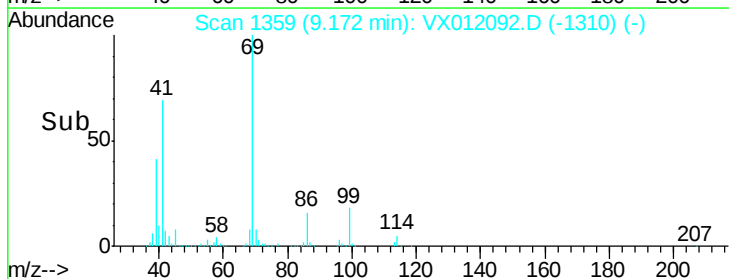
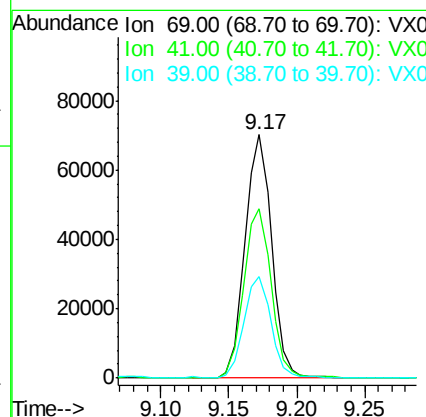
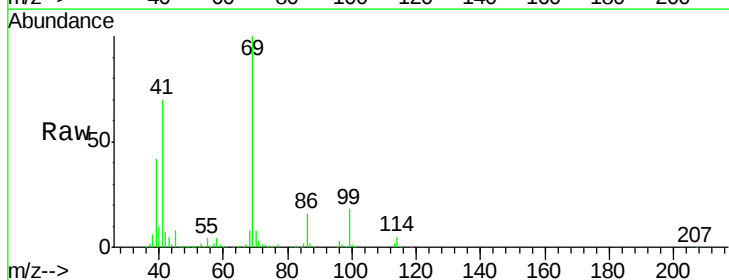
Manual Integrations
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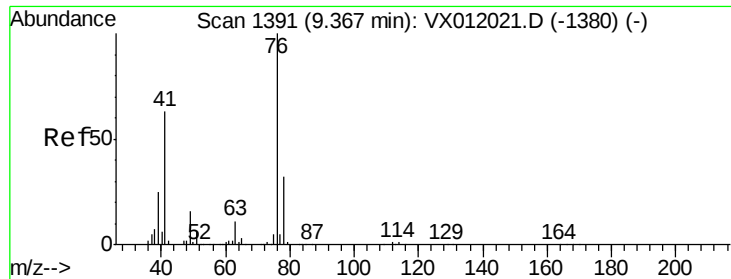
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 9/6/2019 12:31:26 PM



#56
 Ethyl methacrylate
 Concen: 50.334 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion:	69	Resp:	96399
Ion	Ratio	Lower	Upper
69	100		
41	71.0	53.9	80.9
39	42.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.971 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 119909

Ion Ratio Lower Upper

76 100

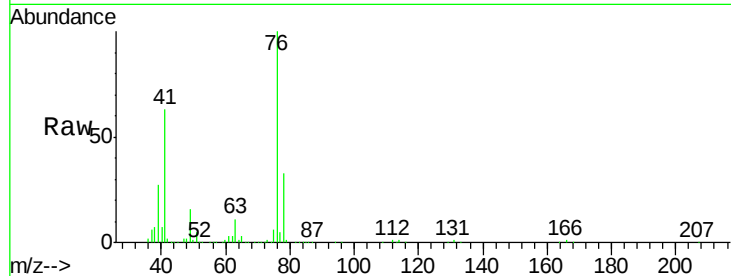
78 32.2 25.5 38.3

Manual Integrations

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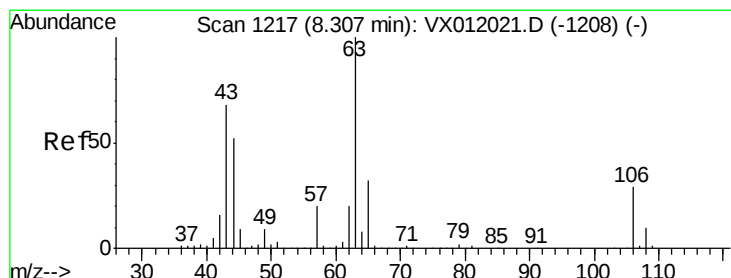
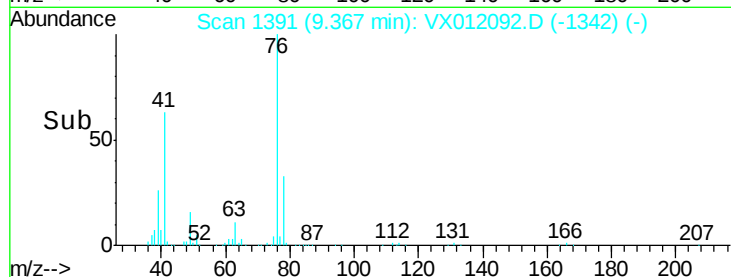
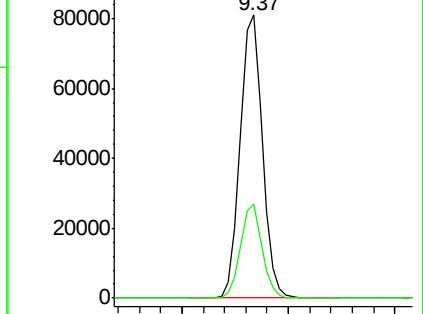
MMDadoda

9/6/2019 12:31:26 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 229.697 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012092.D

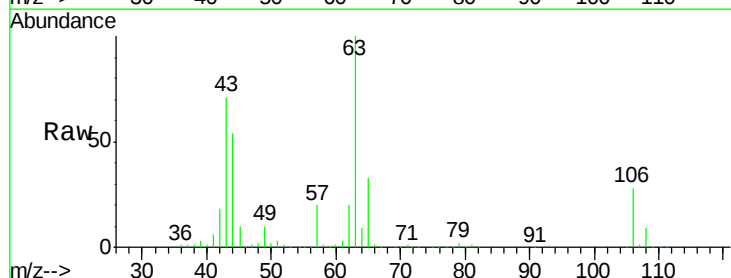
Acq: 05 Sep 2019 10:54

Tgt Ion: 63 Resp: 198328

Ion Ratio Lower Upper

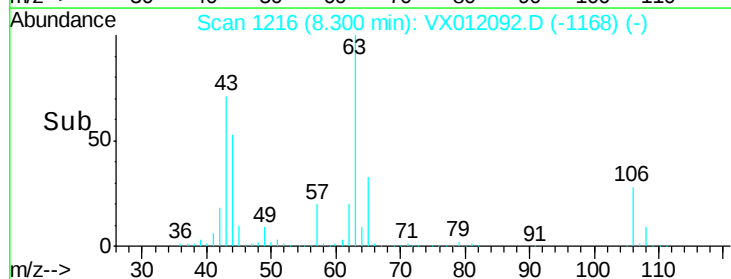
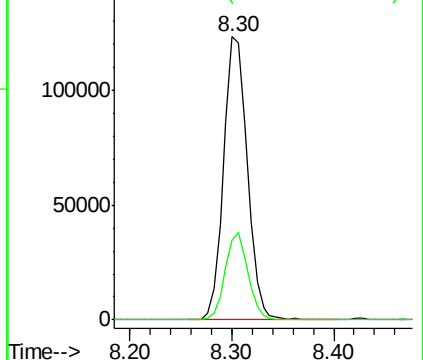
63 100

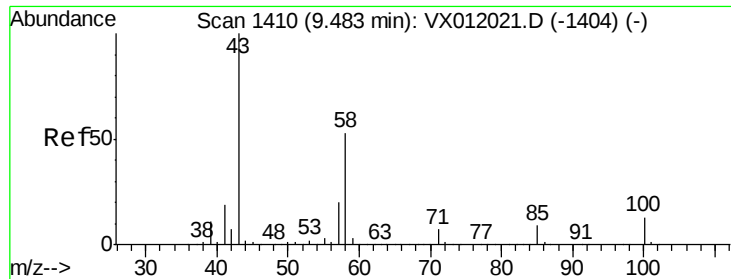
106 29.5 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





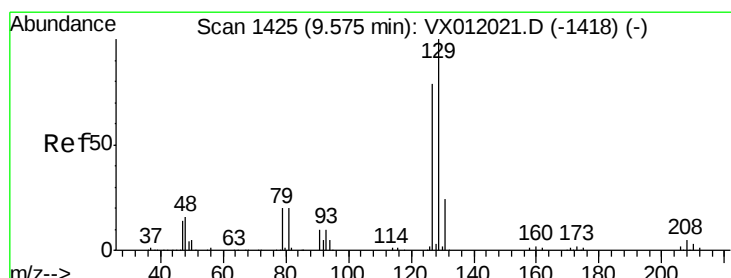
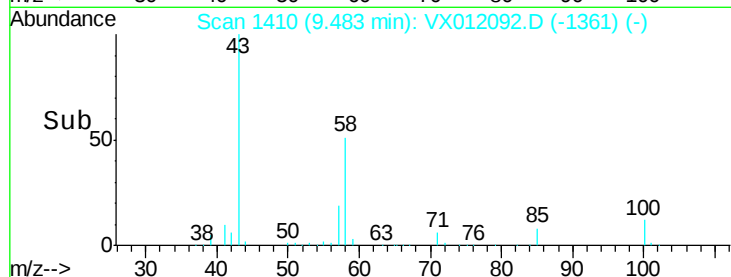
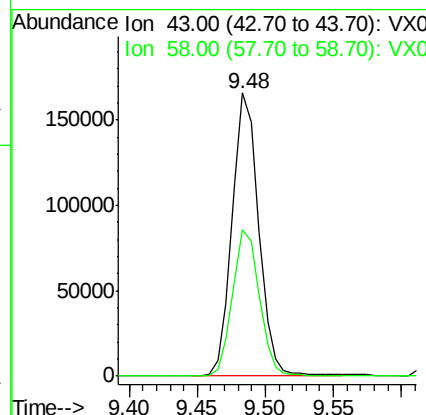
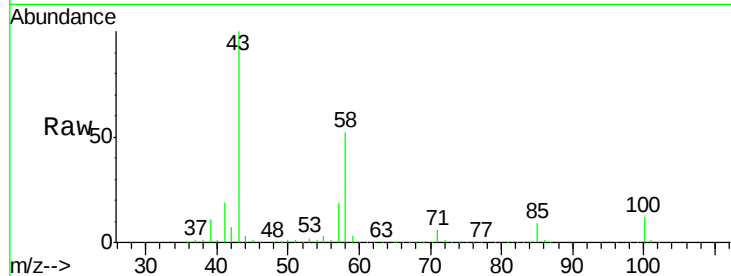
#59
2-Hexanone
Concen: 254.599 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 225674
Ion Ratio Lower Upper
43 100
58 52.9 27.2 81.6

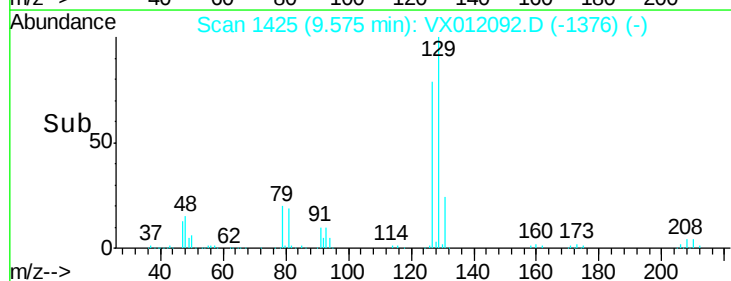
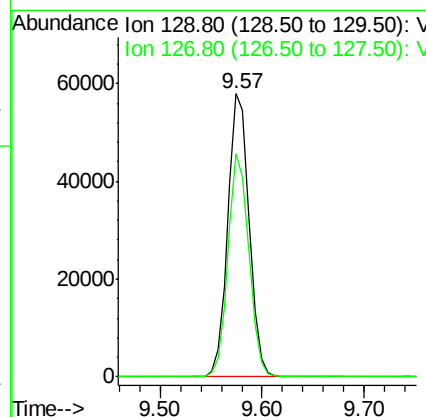
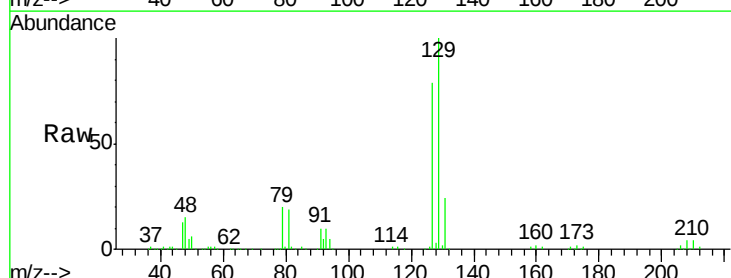
Manual Integrations
APPROVED

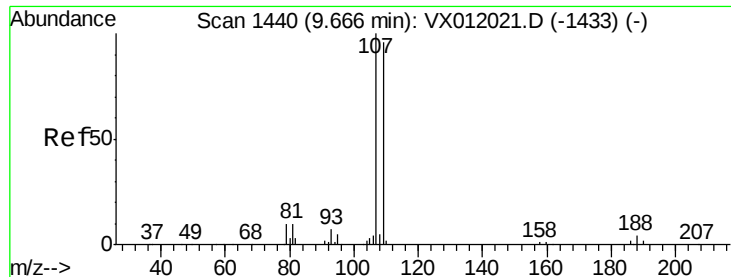
MMDadoda
9/6/2019 12:31:26 PM



#60
Dibromochloromethane
Concen: 52.680 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion: 129 Resp: 83947
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





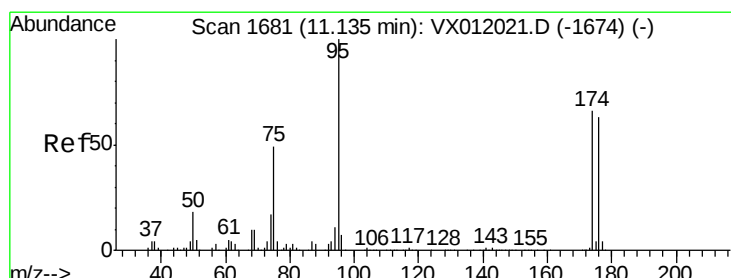
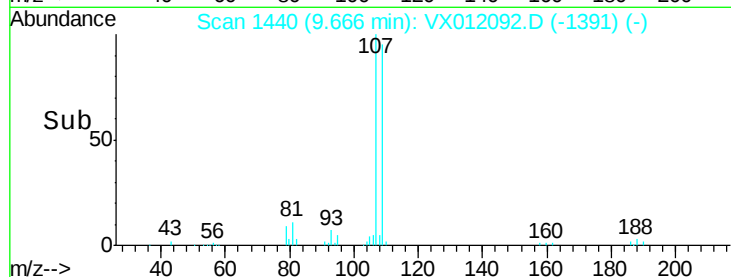
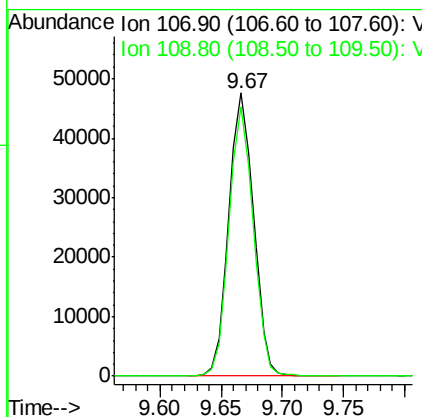
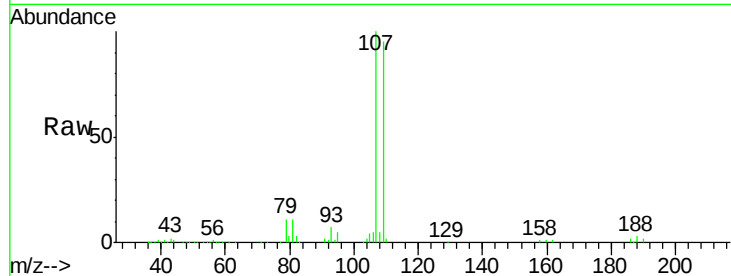
#61
 1,2-Dibromoethane
 Concen: 51.770 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	76.9	115.3

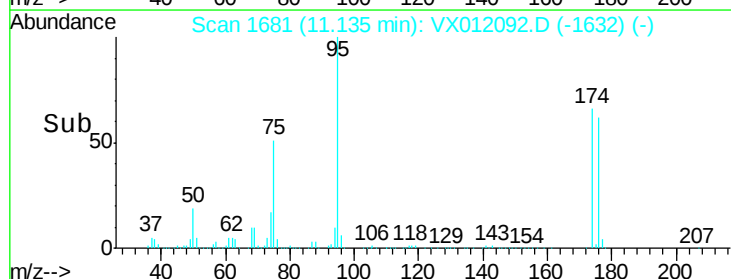
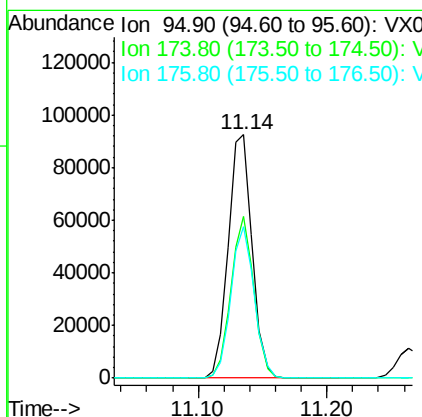
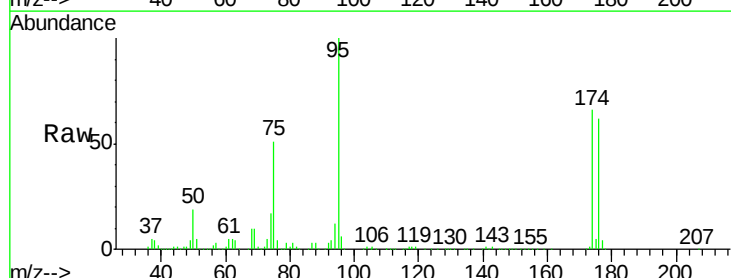
Manual Integrations
 APPROVED

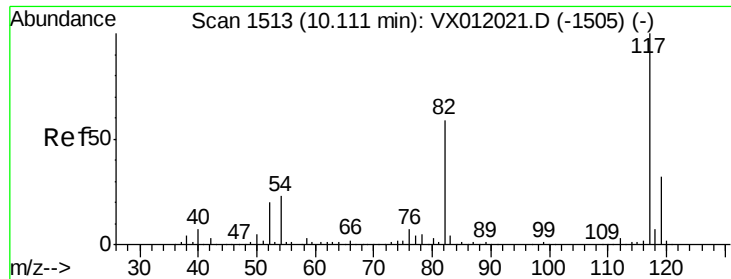
MMDadoda
 9/6/2019 12:31:26 PM



#62
 4-Bromofluorobenzene
 Concen: 47.041 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	205.4
176	60.6	0.0	201.8





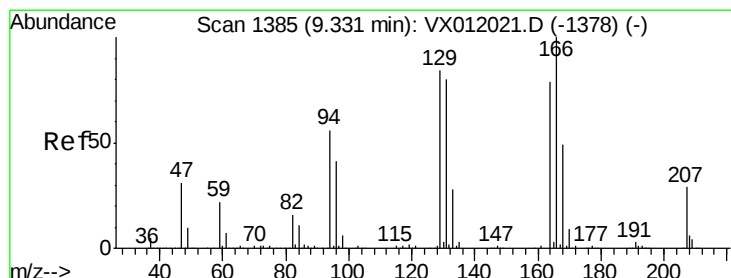
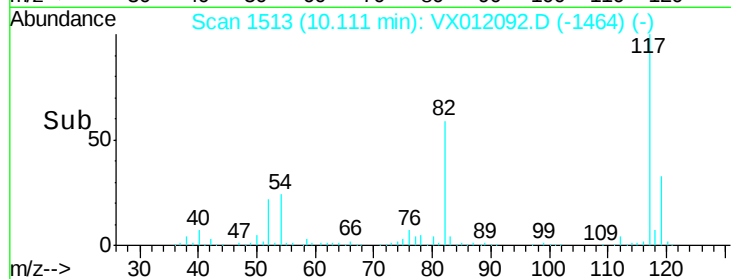
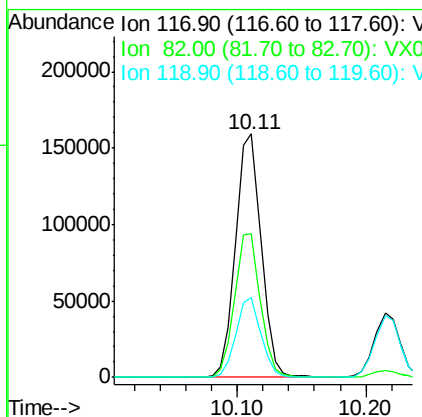
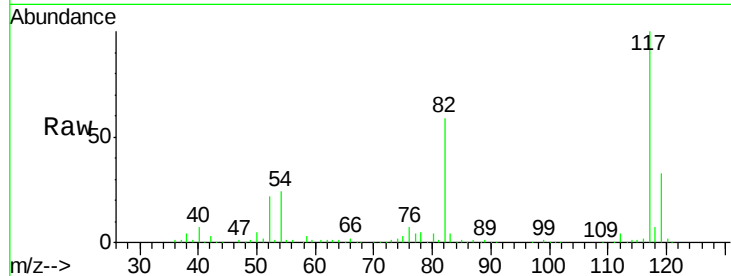
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	221491		
82	58.9	39.4	59.0	
119	32.9	26.1	39.1	

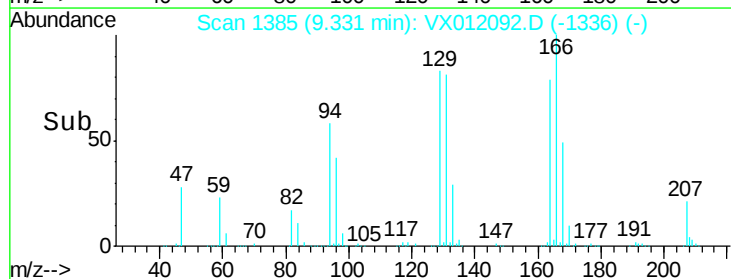
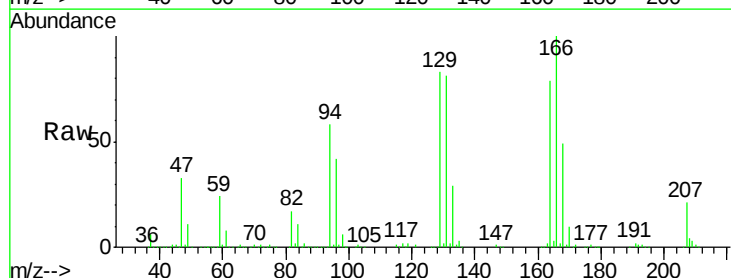
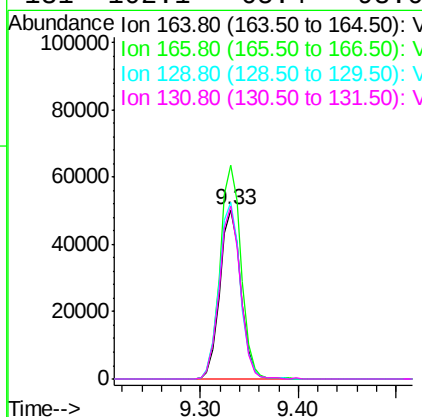
Manual Integrations
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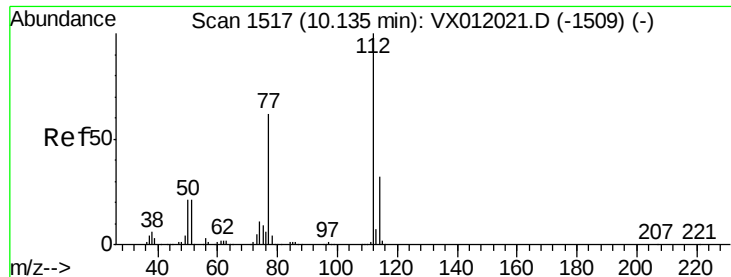
MMDadoda
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#64
Tetrachloroethene
Concen: 54.169 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74800		
166	126.0	104.3	156.5	
129	104.2	68.3	102.5#	
131	102.1	65.4	98.0#	





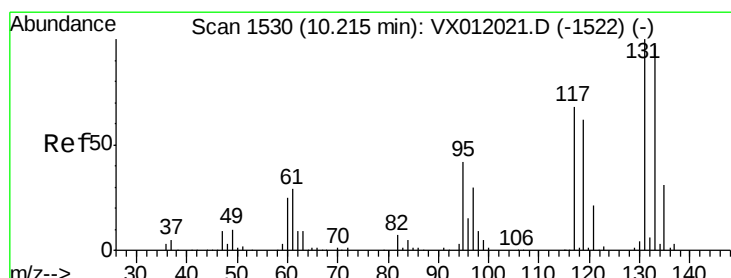
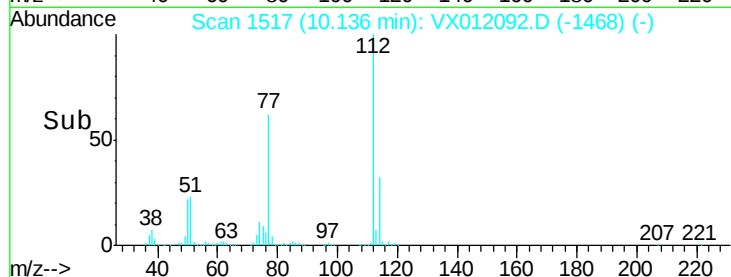
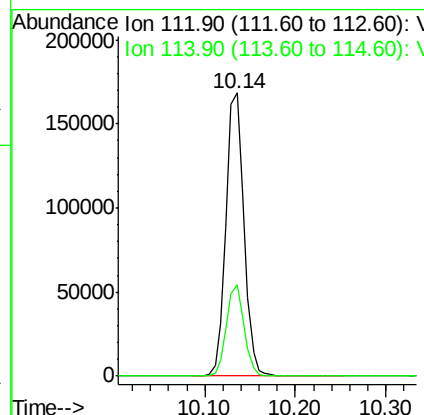
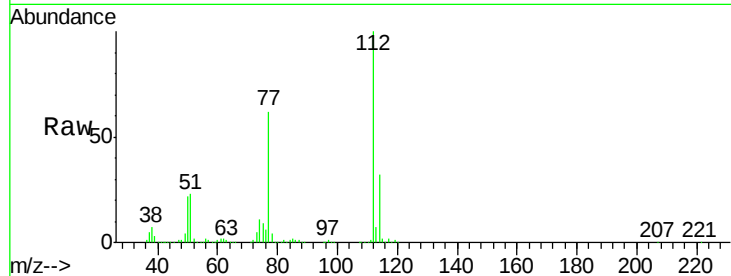
#65
Chlorobenzene
Concen: 53.394 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.2	39.2

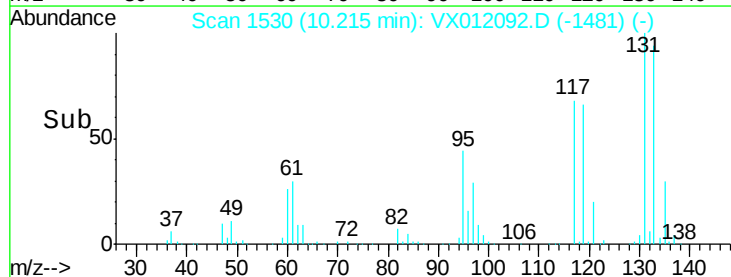
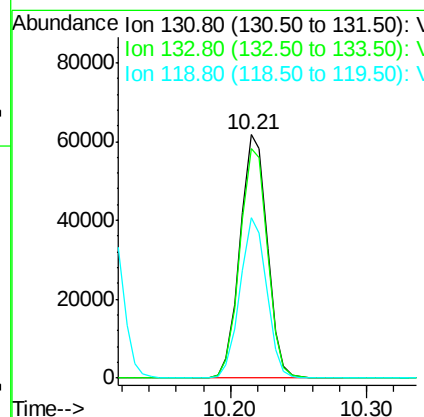
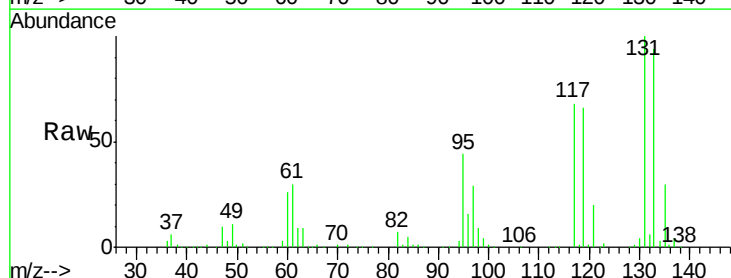
Manual Integrations
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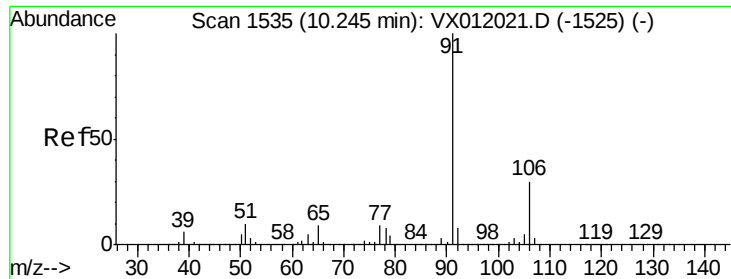
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.054 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.4	145.0
119	64.2	30.5	91.5





#67

Ethyl Benzene

Concen: 54.756 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 436184

Ion Ratio Lower Upper

91 100

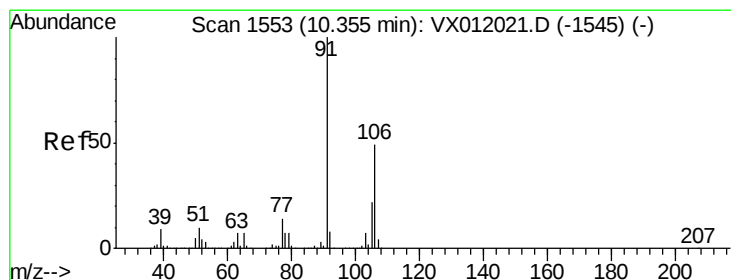
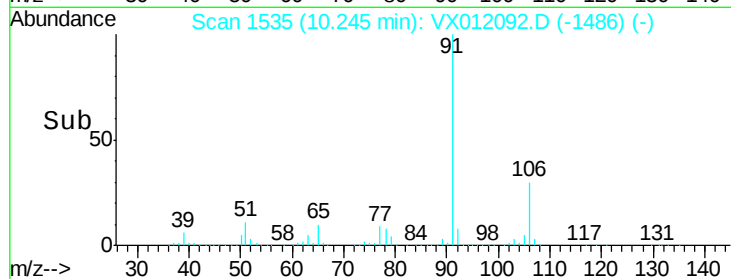
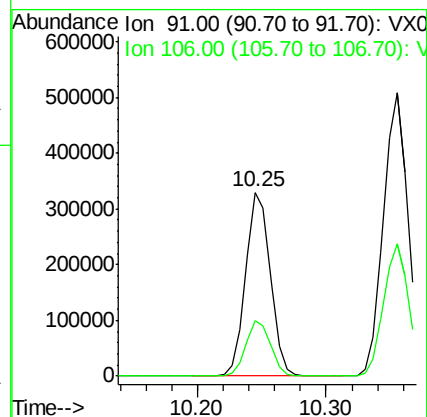
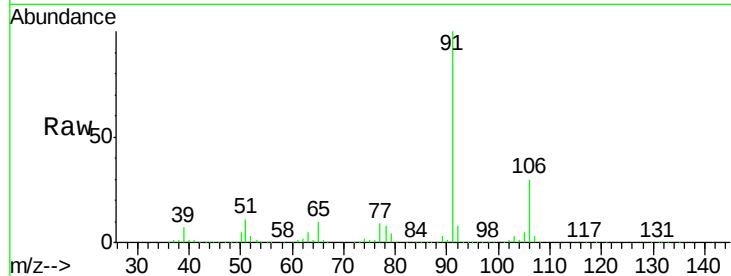
106 30.3 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 108.691 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012092.D

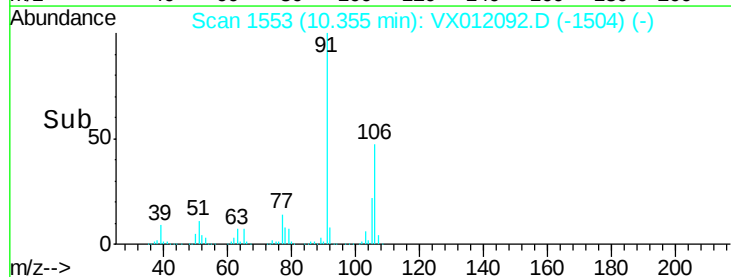
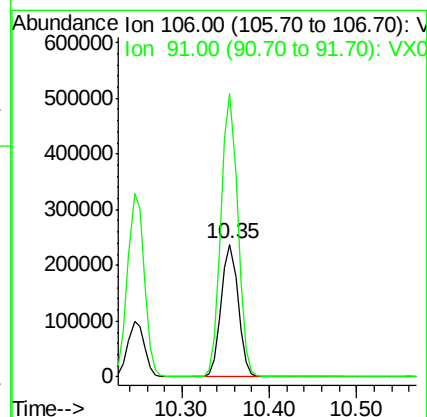
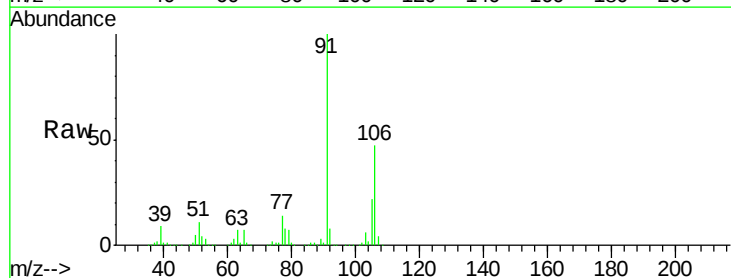
Acq: 05 Sep 2019 10:54

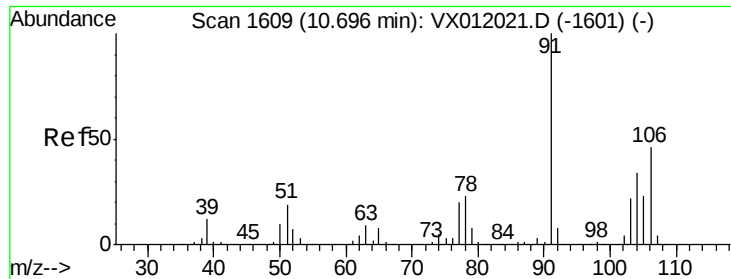
Tgt Ion: 106 Resp: 319005

Ion Ratio Lower Upper

106 100

91 211.7 157.5 236.3





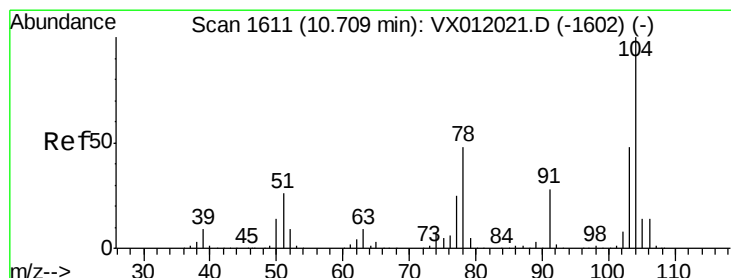
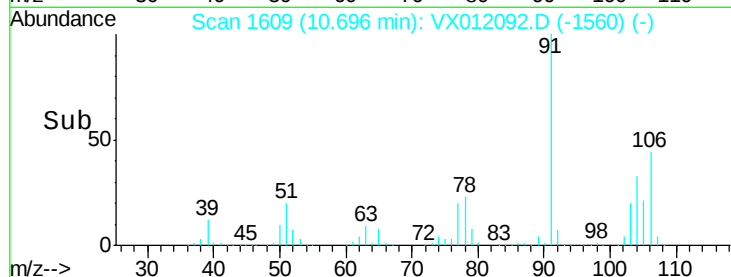
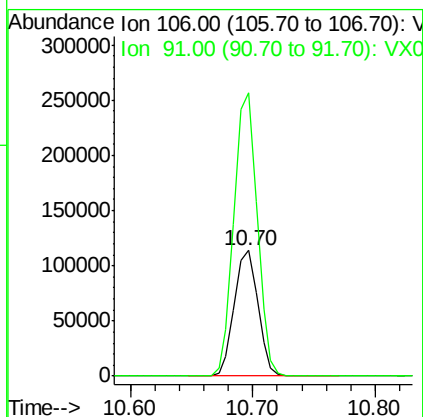
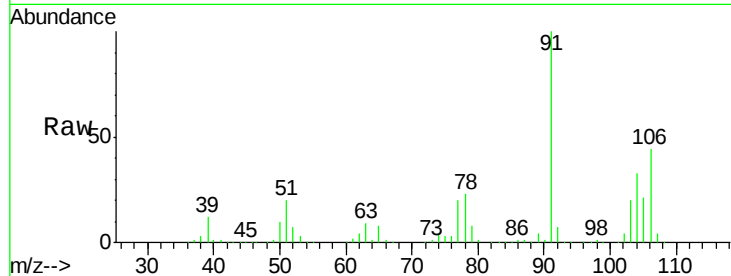
#69
o-Xylene
Concen: 53.376 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 151907
Ion Ratio Lower Upper
106 100
91 222.7 103.5 310.3

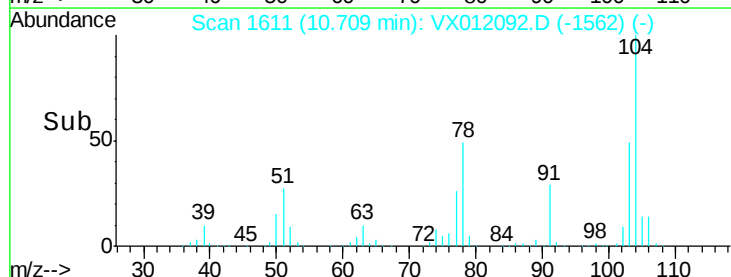
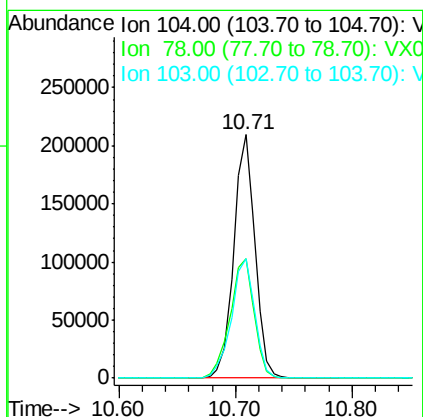
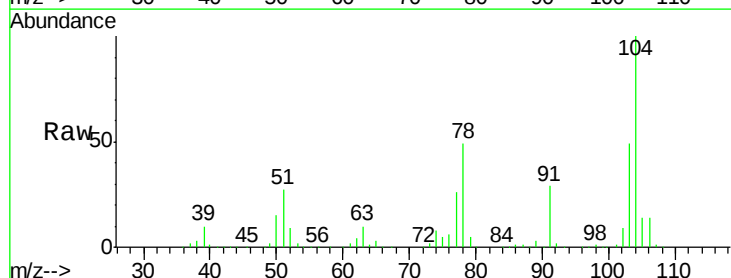
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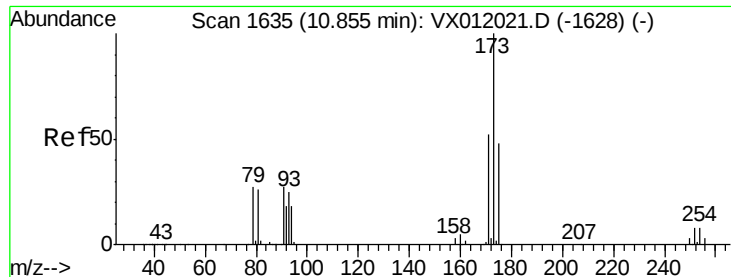
MMDadoda
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#70
Styrene
Concen: 53.815 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion:104 Resp: 266024
Ion Ratio Lower Upper
104 100
78 55.7 39.1 58.7
103 54.0 43.4 65.2





#71

Bromoform

Concen: 50.986 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 44749

Ion Ratio Lower Upper

173 100

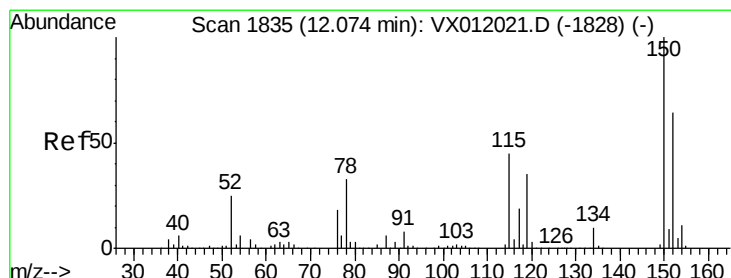
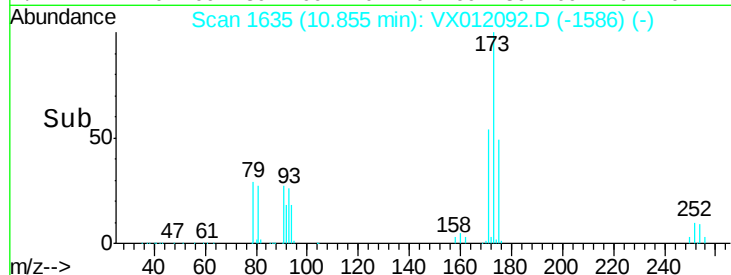
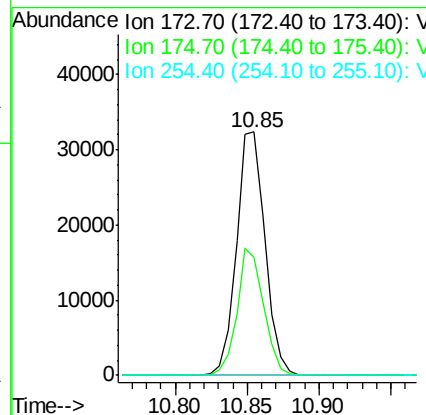
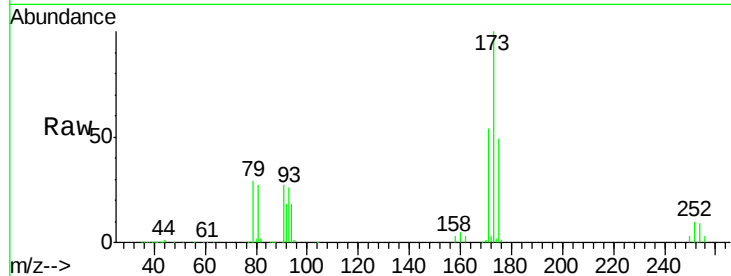
175 48.7 24.9 74.7

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

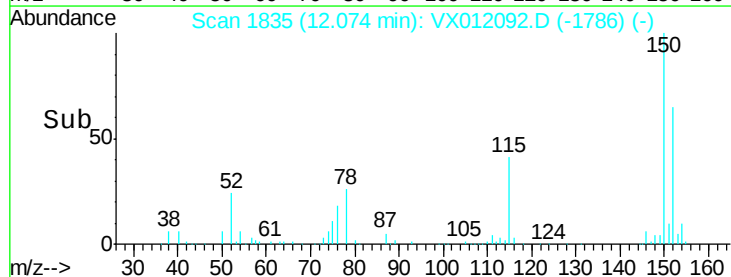
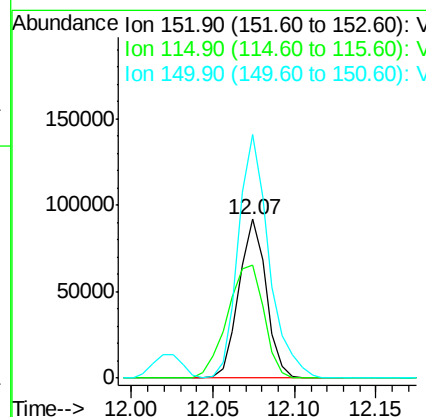
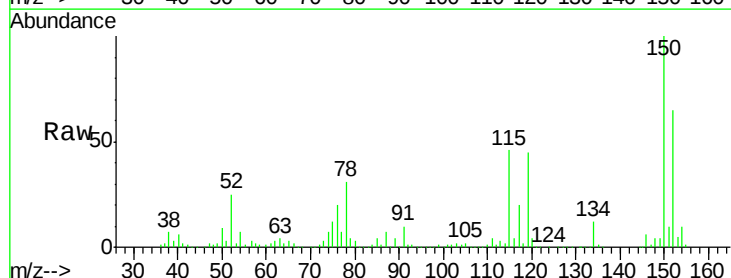
Tgt Ion:152 Resp: 106718

Ion Ratio Lower Upper

152 100

115 96.1 36.4 109.3

150 172.8 0.0 341.2





#73

Isopropylbenzene

Concen: 54.097 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 423587

Ion Ratio Lower Upper

105 100

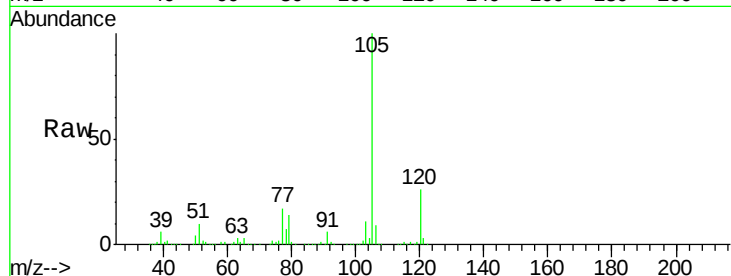
120 26.2 13.9 41.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

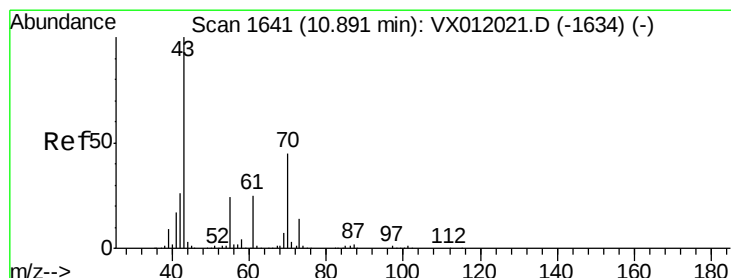
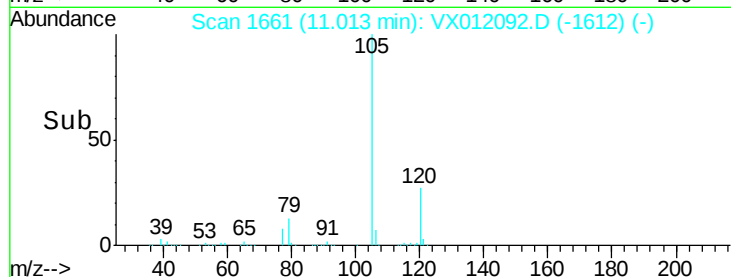
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.267 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion: 43 Resp: 116373

Ion Ratio Lower Upper

43 100

70 41.8 34.4 51.6

55 23.4 18.5 27.7

61 24.0 19.5 29.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

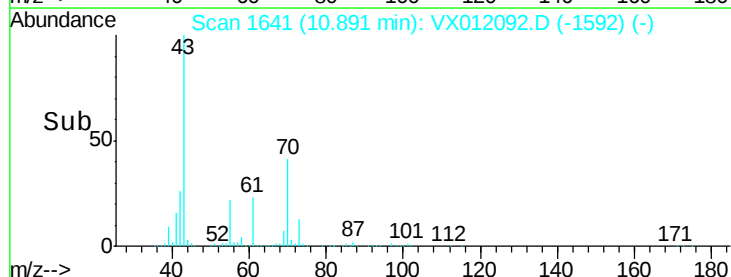
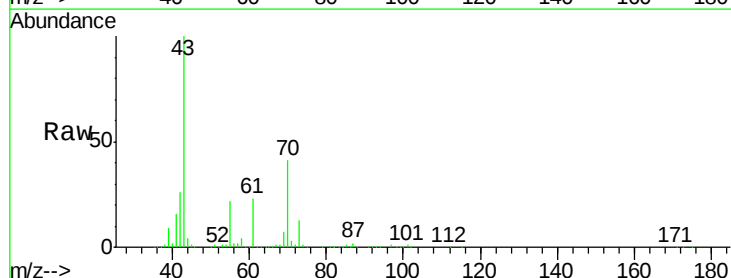
150000

100000

50000

0

Time-->





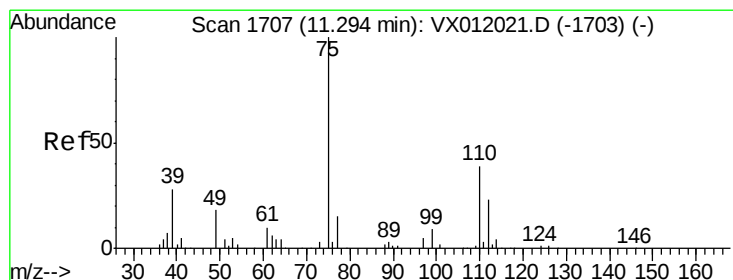
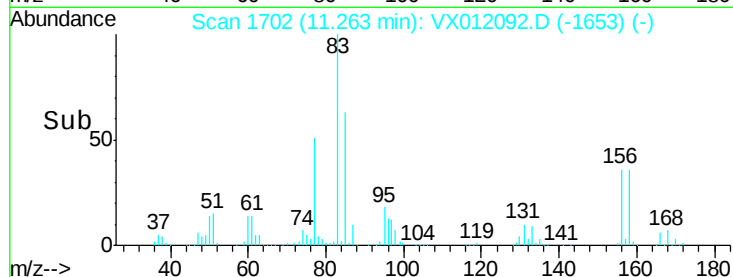
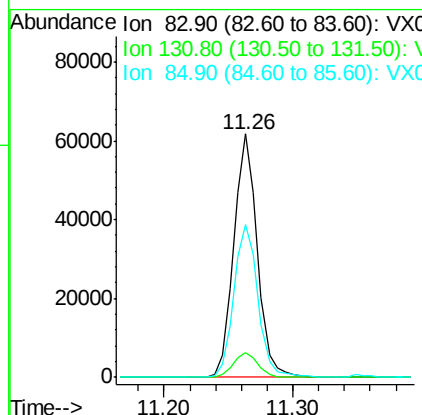
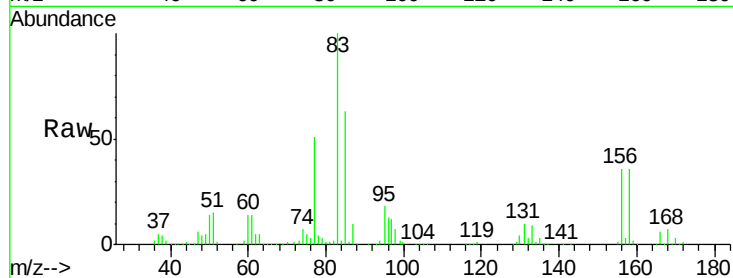
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.432 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.7	6.3	19.1	
85	64.5	32.5	97.4	

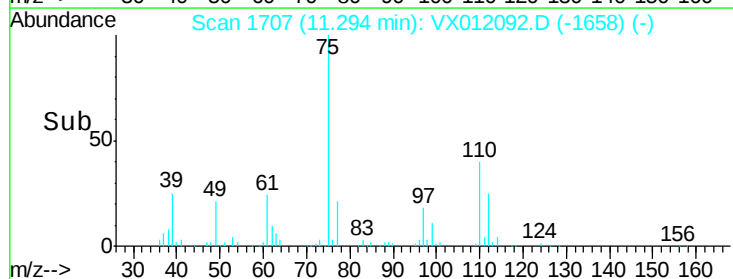
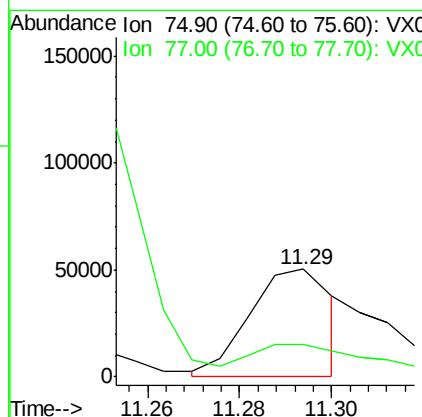
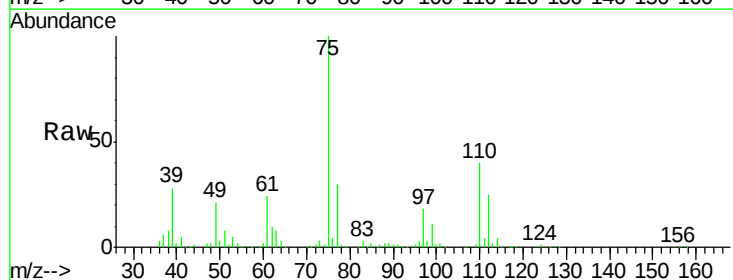
Manual Integrations
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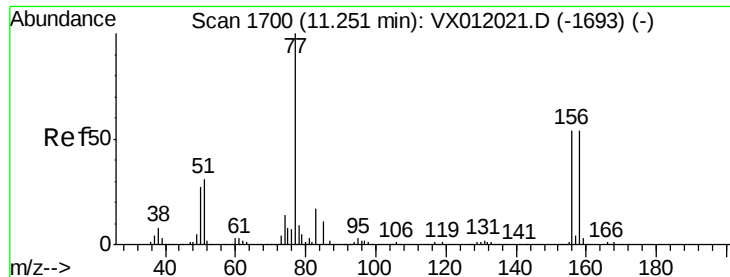
MMDadoda
 9/6/2019 12:31:26 PM



#76
 1,2,3-Trichloropropane
 Concen: 48.123 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	44.4	23.5	70.5	





#77

Bromobenzene

Concen: 52.450 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

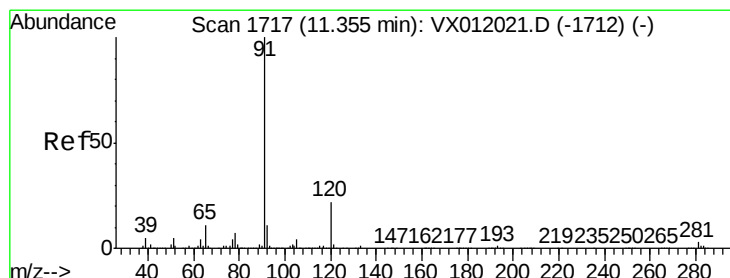
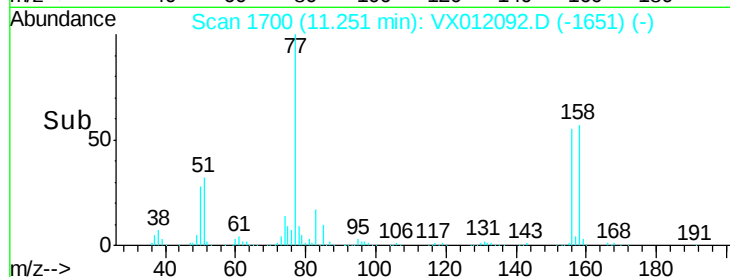
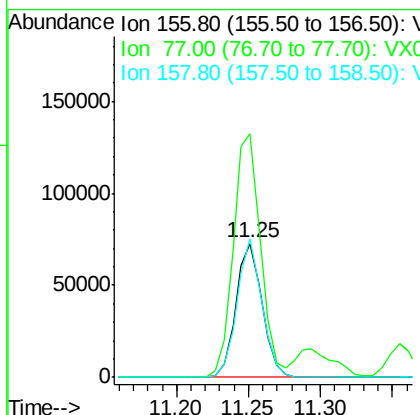
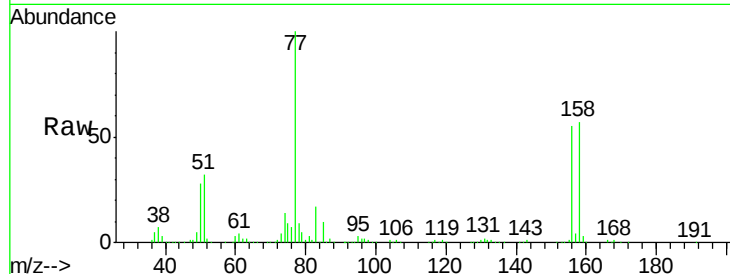
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	91850
Ion Ratio	Lower	Upper	
156	100		
77	191.0	63.4	190.2#
158	98.7	48.9	146.6

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#78

n-propylbenzene

Concen: 54.472 ug/l

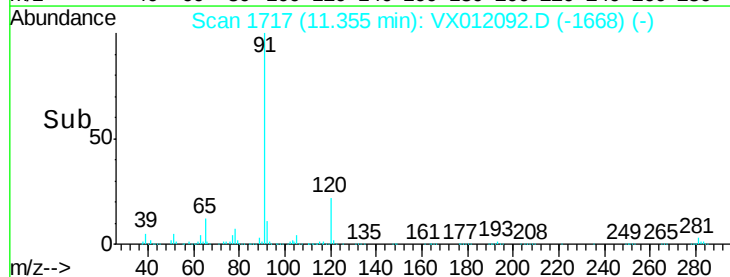
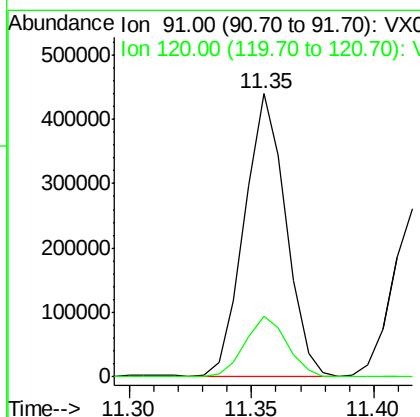
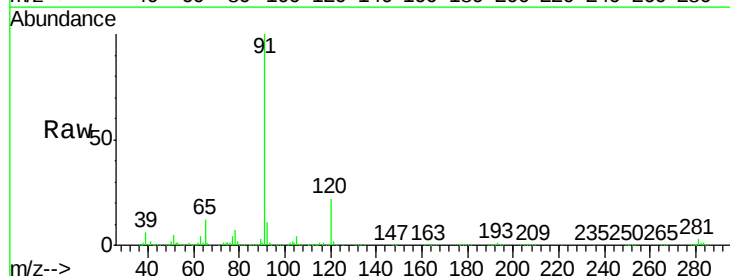
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	91	Resp:	515281
Ion Ratio	Lower	Upper	
91	100		
120	21.9	12.7	38.0





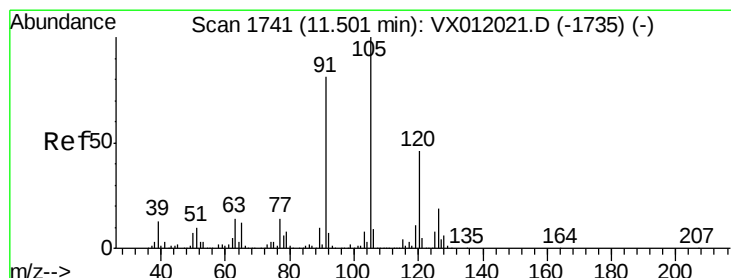
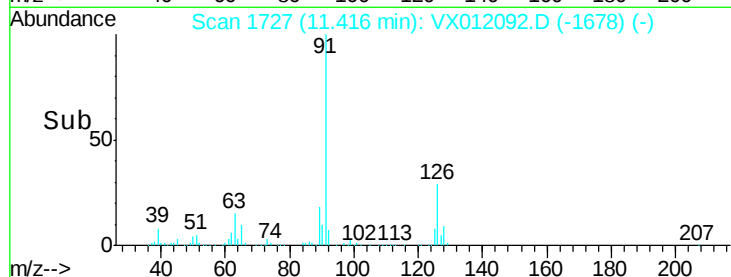
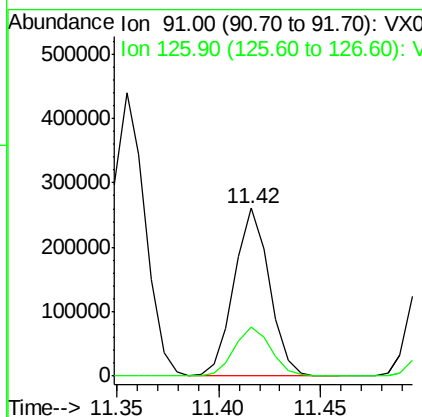
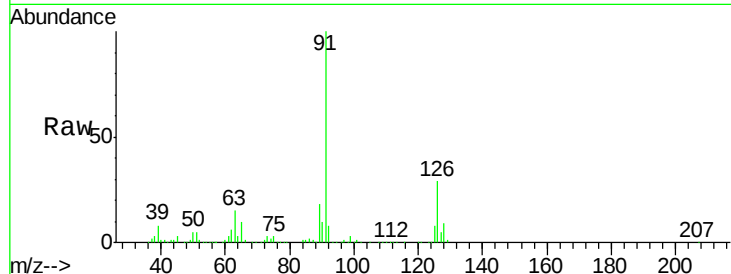
#79
 2-Chlorotoluene
 Concen: 54.519 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 312441
 Ion Ratio Lower Upper
 91 100
 126 30.4 18.6 55.8

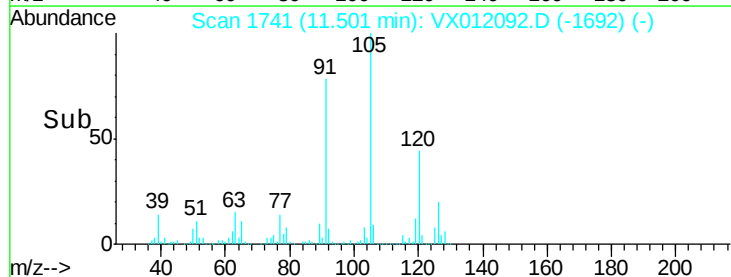
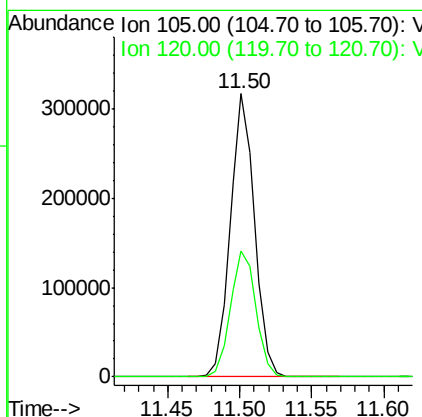
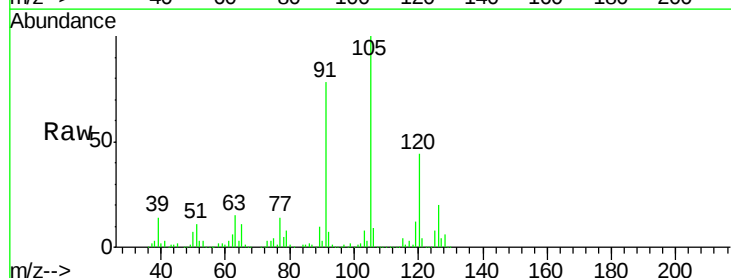
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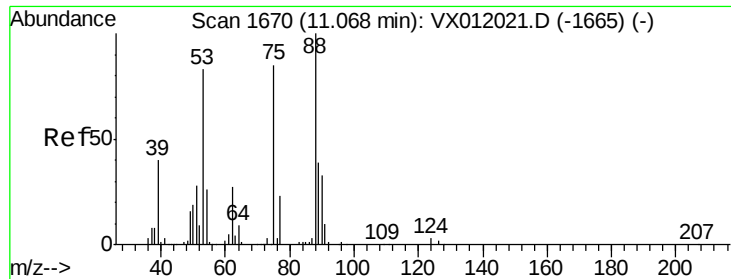
MMDadoda
 9/6/2019 12:31:26 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.574 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion: 105 Resp: 374474
 Ion Ratio Lower Upper
 105 100
 120 46.7 25.8 77.3





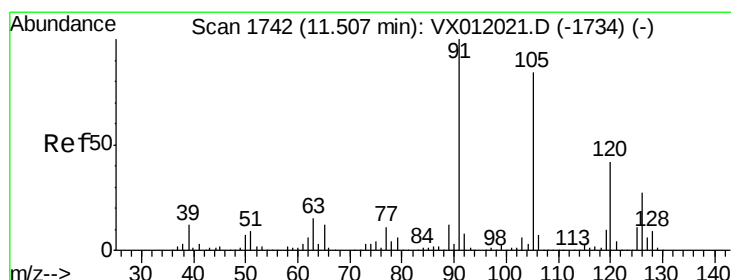
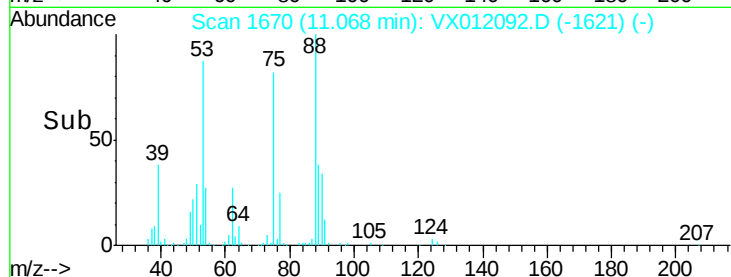
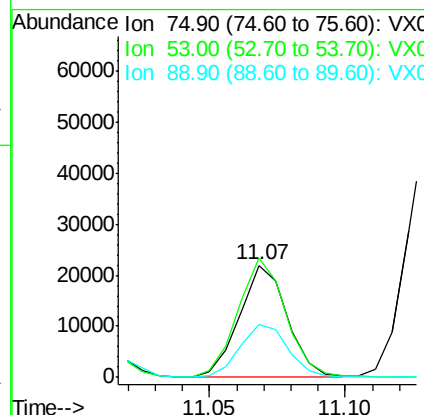
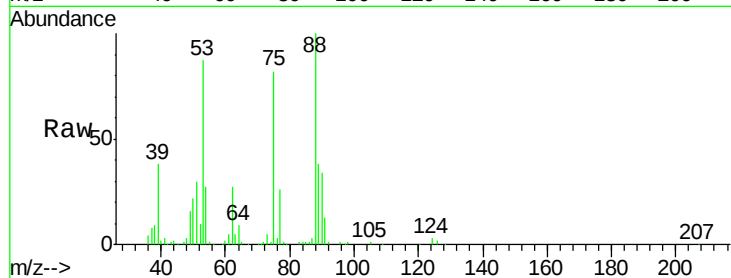
#81
trans-1,4-Dichloro-2-butene
Concen: 47.735 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.7	78.6	117.8
89	48.8	38.8	58.2

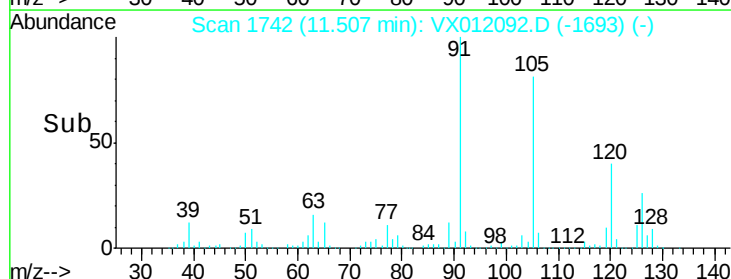
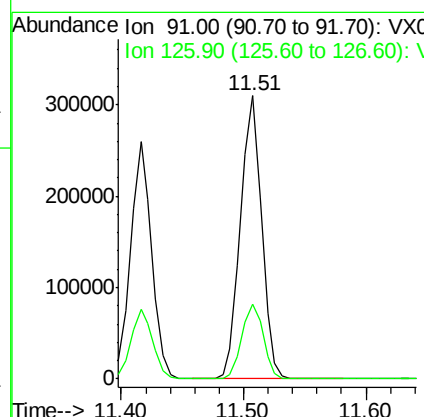
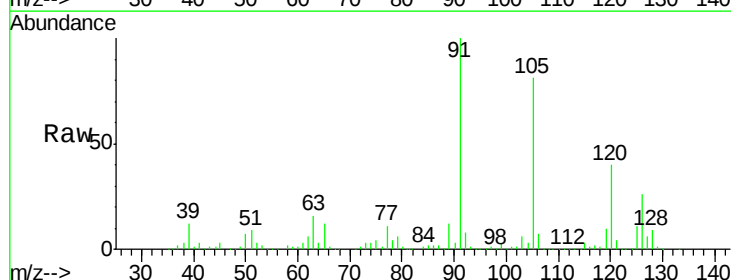
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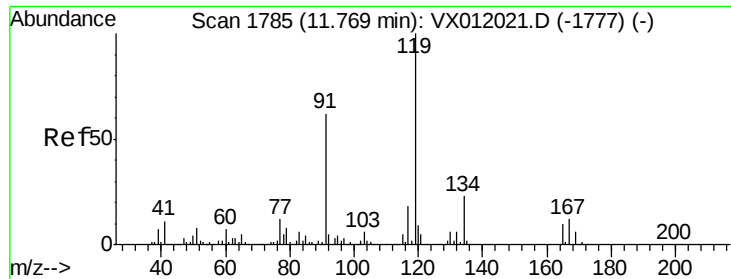
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#82
4-Chlorotoluene
Concen: 54.084 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.8	16.2	48.6





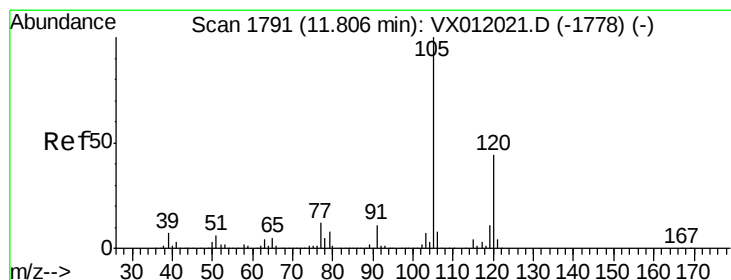
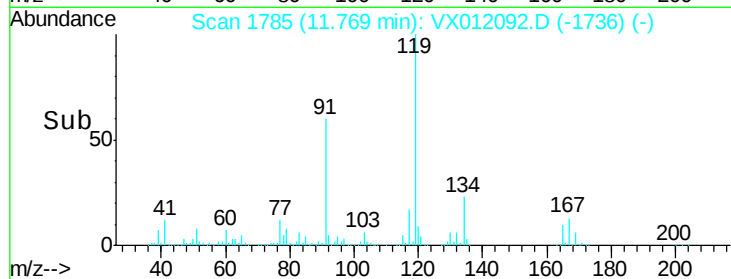
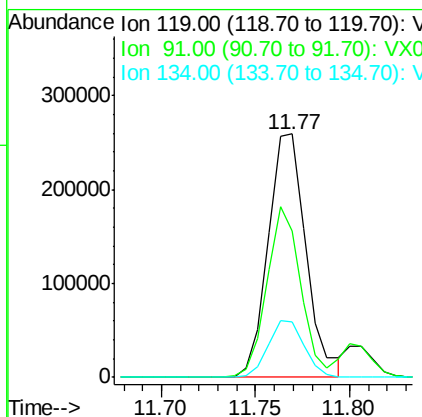
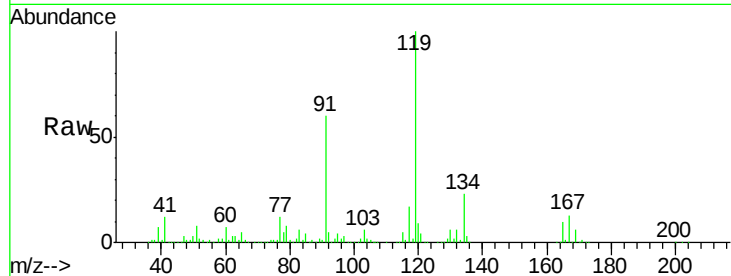
#83
 tert-Butylbenzene
 Concen: 55.337 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	361910		
91	62.3	27.1	81.2	
134	22.3	12.1	36.3	

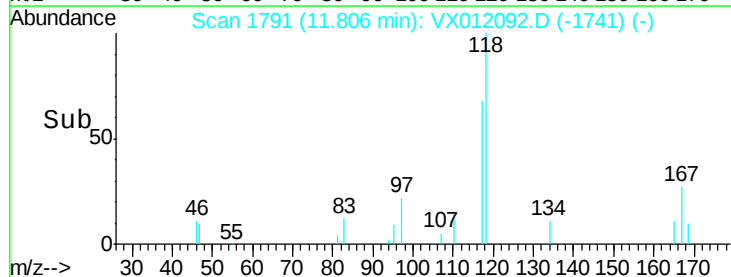
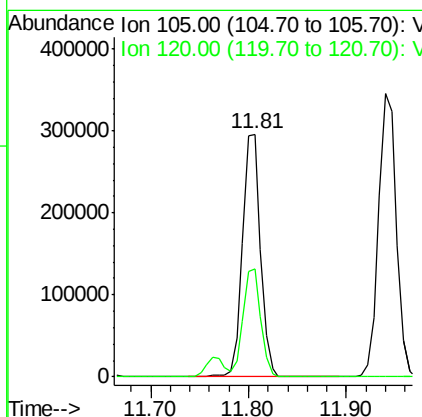
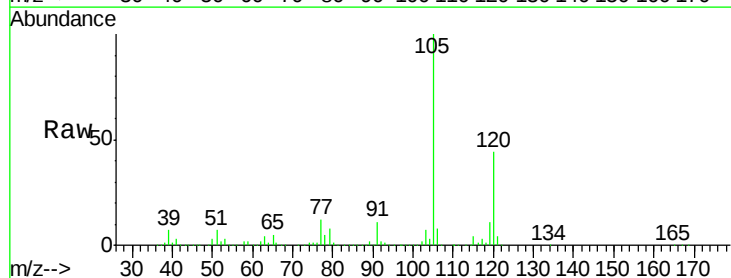
Manual Integrations
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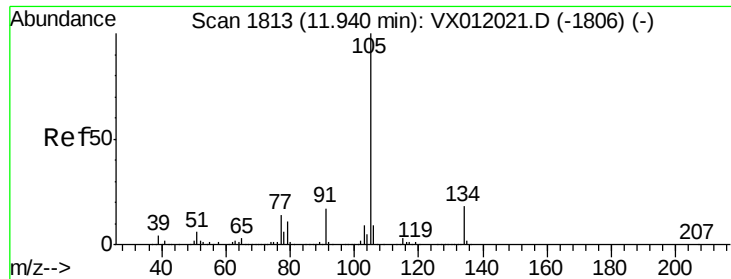
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.609 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	378074		
120	43.5	23.6	70.8	





#85

sec-Butylbenzene

Concen: 53.547 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 434978

Ion Ratio Lower Upper

105 100

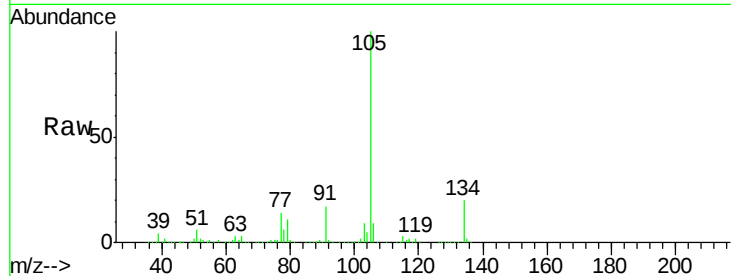
134 20.0 11.2 33.6

Manual Integrations

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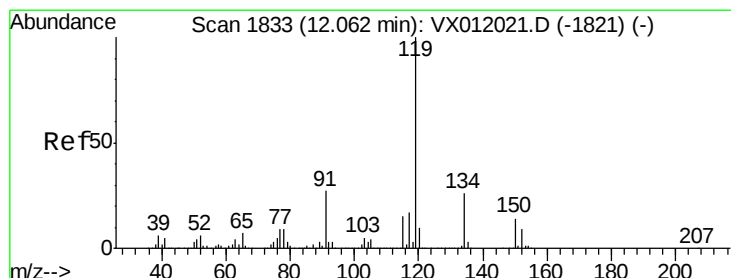
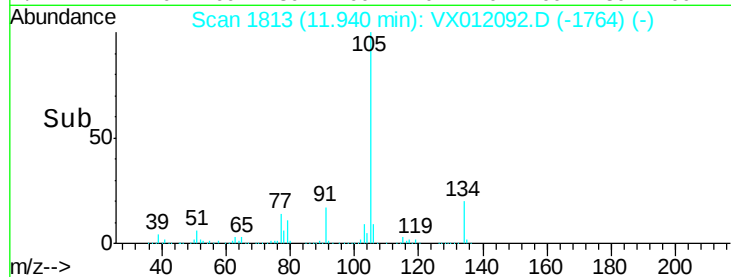
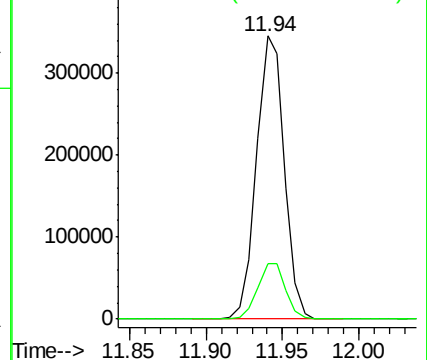
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.583 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

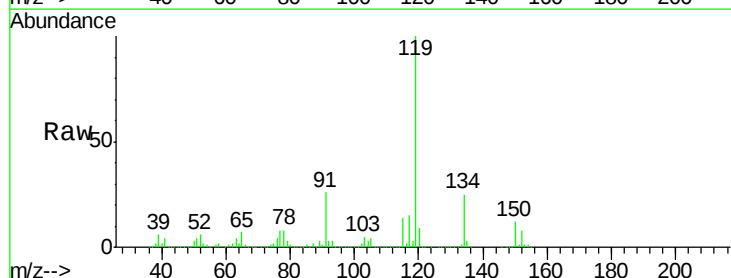
Tgt Ion:119 Resp: 395853

Ion Ratio Lower Upper

119 100

134 25.8 13.7 41.1

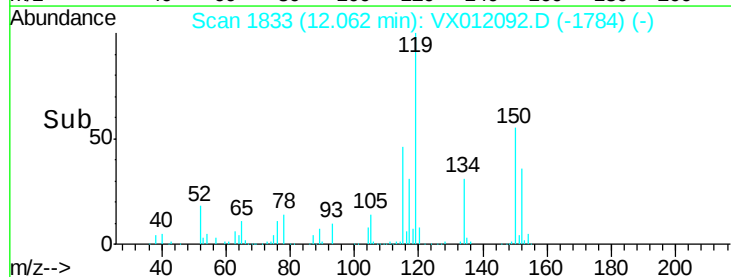
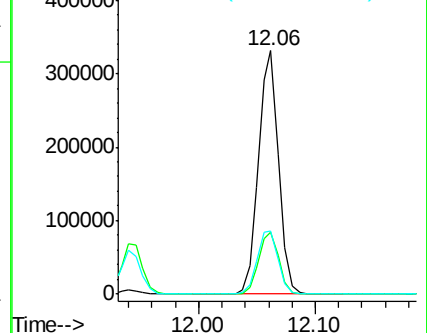
91 27.3 11.4 34.1

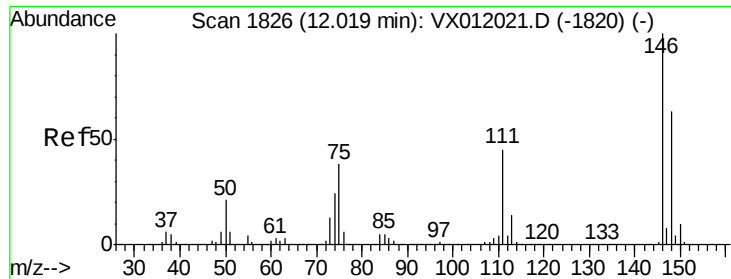


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





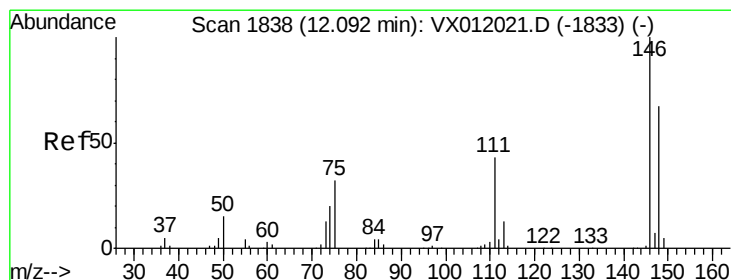
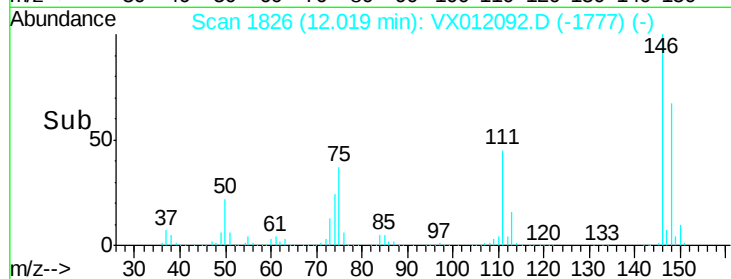
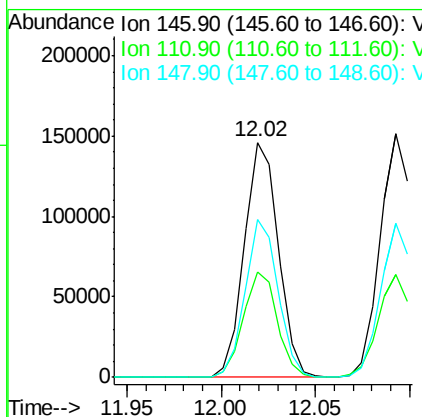
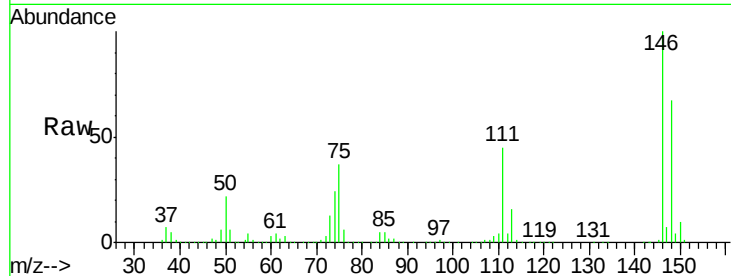
#87
 1,3-Dichlorobenzene
 Concen: 52.316 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	18.1	54.1
148	65.0	32.6	97.8

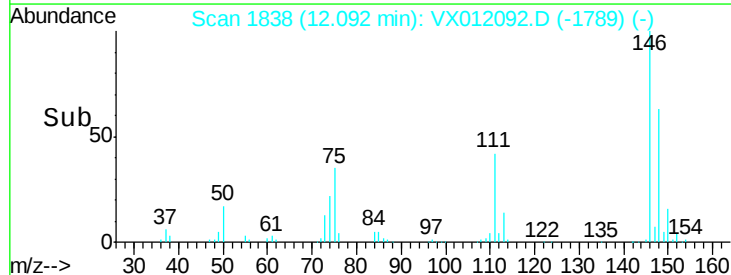
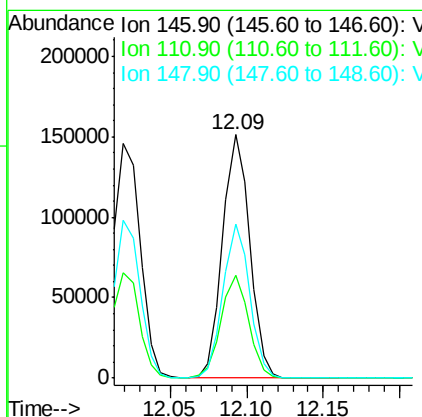
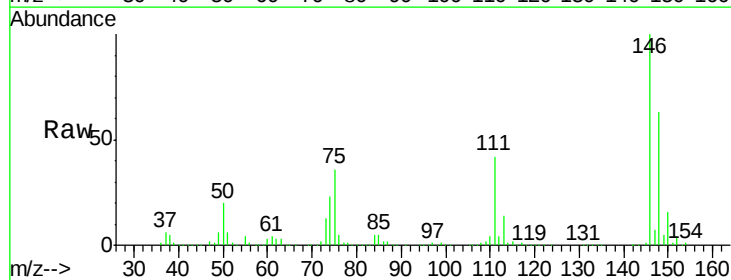
Manual Integrations
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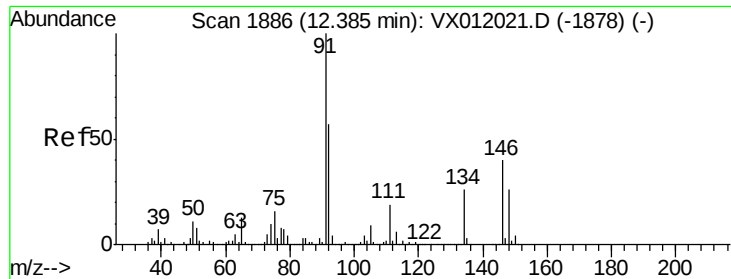
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#88
 1,4-Dichlorobenzene
 Concen: 53.100 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	17.7	53.1
148	62.4	32.4	97.0





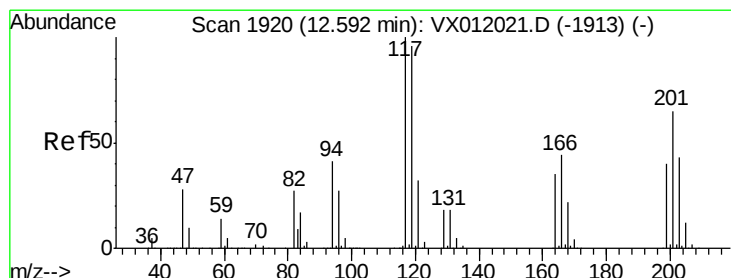
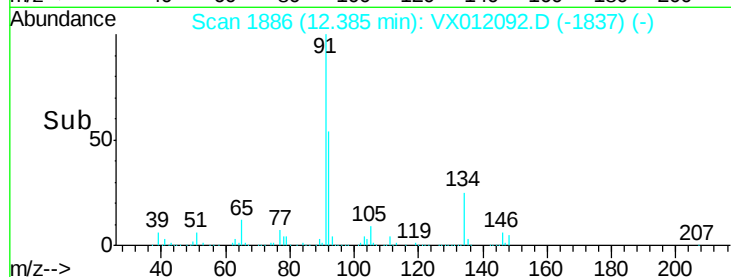
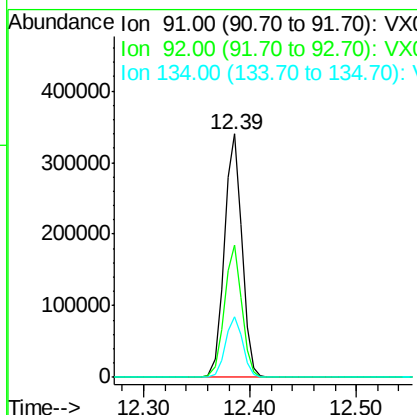
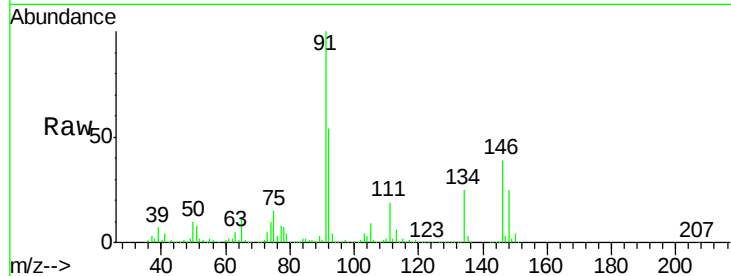
#89
n-Butylbenzene
Concen: 54.669 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	392333		
92	53.9	27.6	82.8	
134	24.7	15.4	46.1	

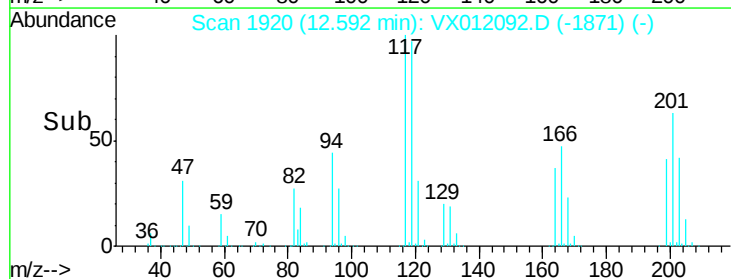
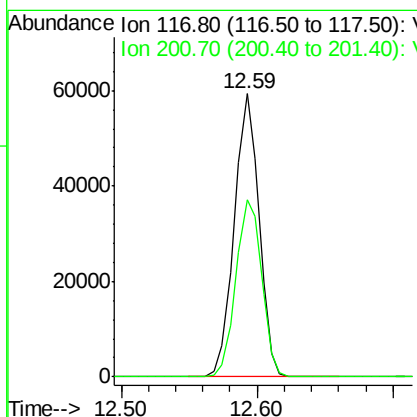
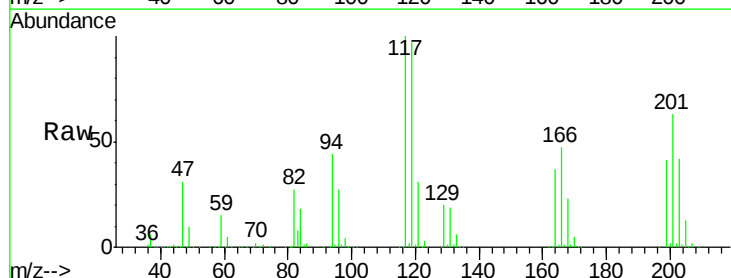
Manual Integrations
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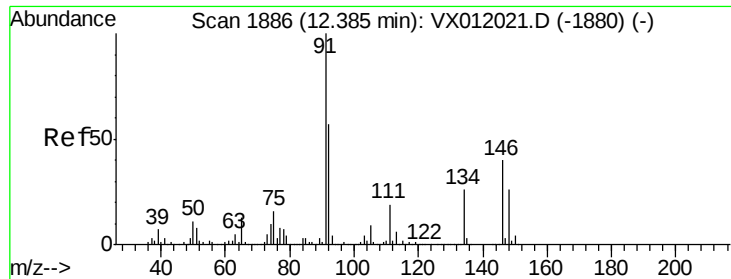
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#90
Hexachloroethane
Concen: 50.969 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012092.D
Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75183		
201	65.1	55.0	165.2	





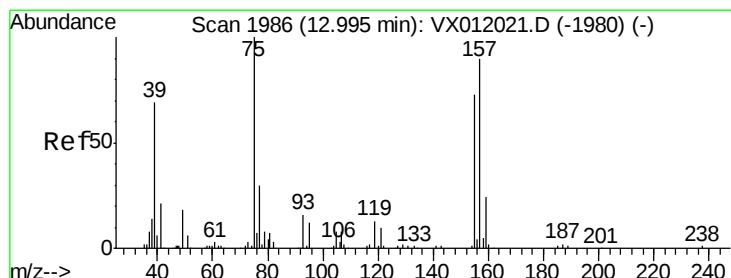
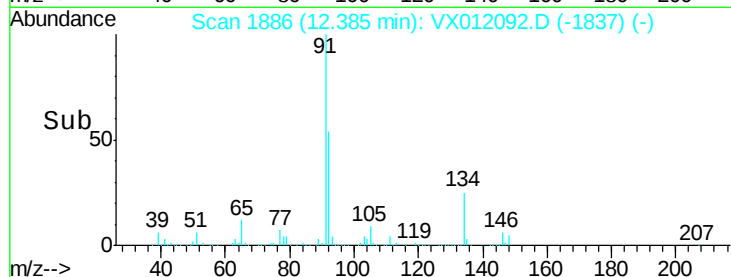
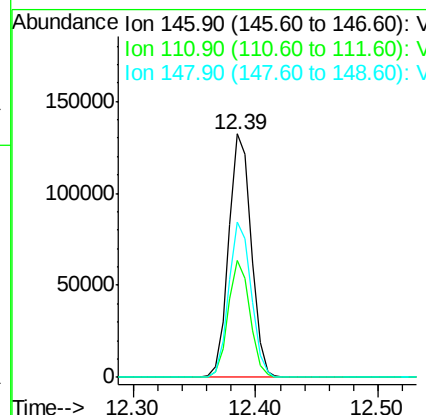
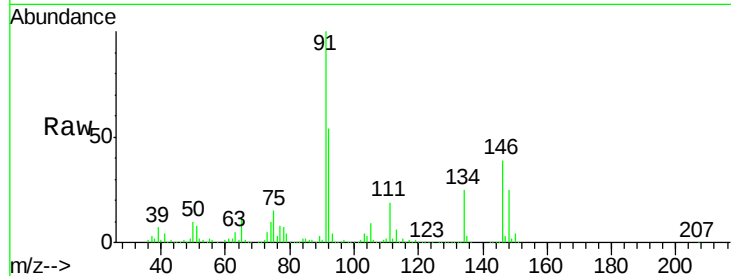
#91
 1,2-Dichlorobenzene
 Concen: 53.139 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167937		
111	46.6	18.6	56.0	
148	63.8	32.4	97.2	

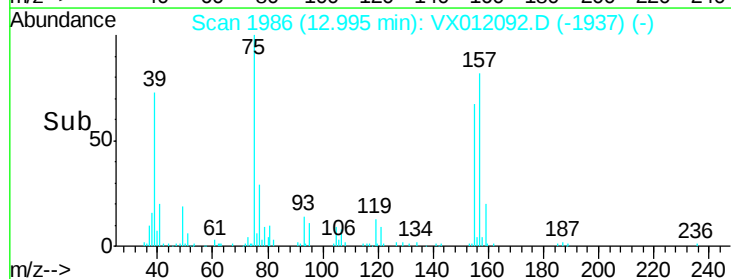
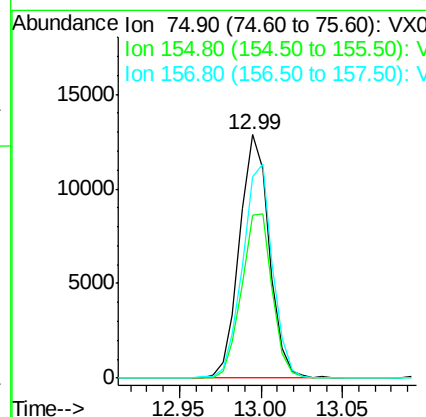
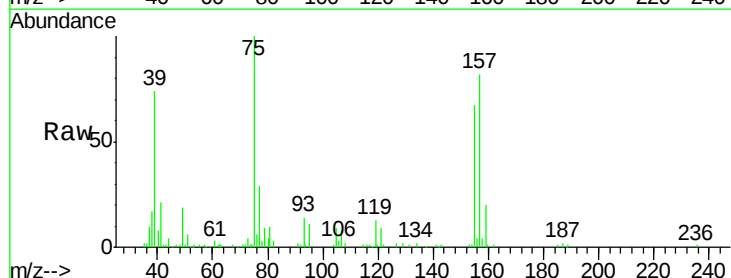
Manual Integrations
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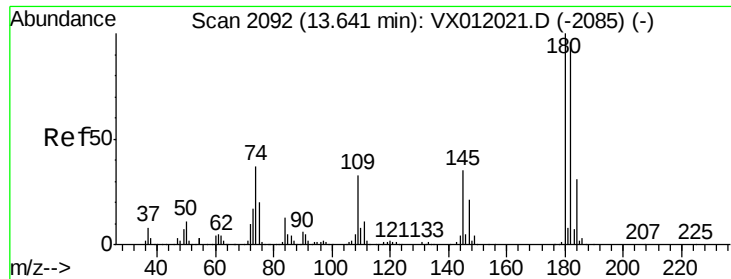
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.870 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16352		
155	69.5	51.7	155.2	
157	88.4	66.9	200.7	





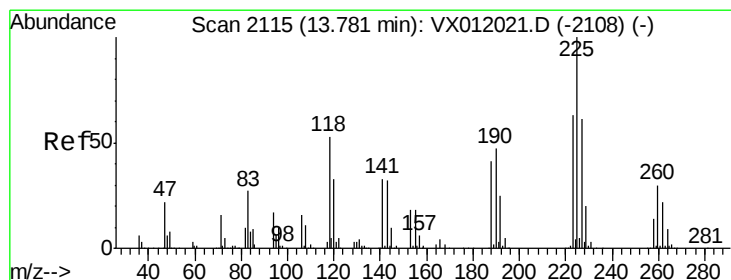
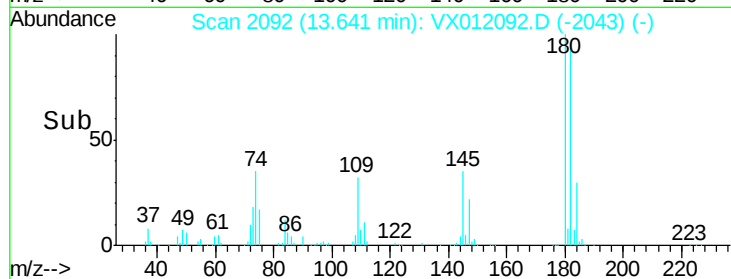
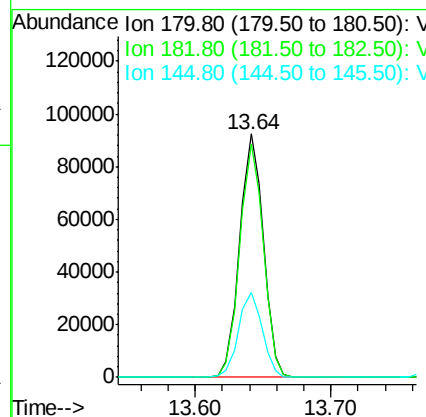
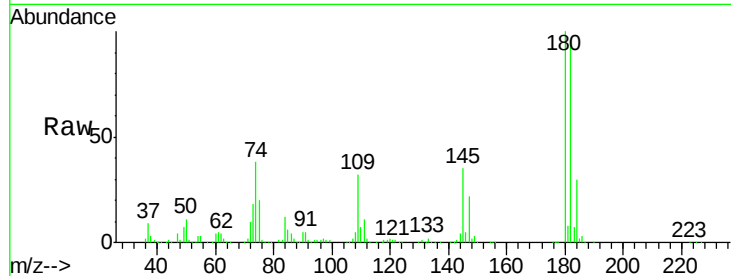
#93
 1,2,4-Trichlorobenzene
 Concen: 49.880 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112202		
182	95.6	47.3	142.0	
145	35.1	13.7	41.0	

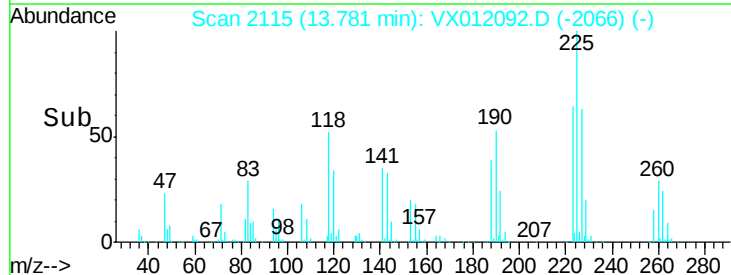
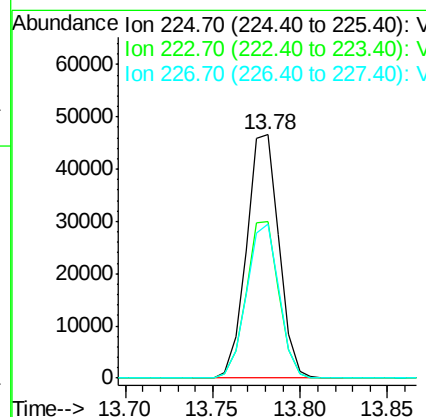
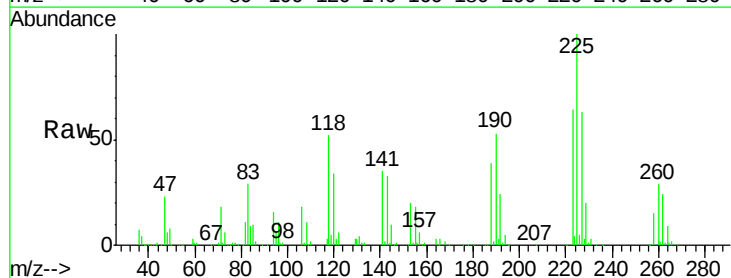
Manual Integrations
 APPROVED

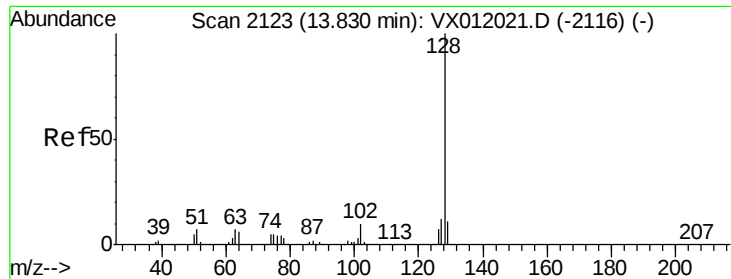
MMDadoda
 9/6/2019 12:31:26 PM



#94
 Hexachlorobutadiene
 Concen: 52.779 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012092.D
 Acq: 05 Sep 2019 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59846		
223	64.4	31.6	95.0	
227	63.4	32.5	97.5	





#95

Naphthalene

Concen: 48.393 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Instrument :

MSVOA_X

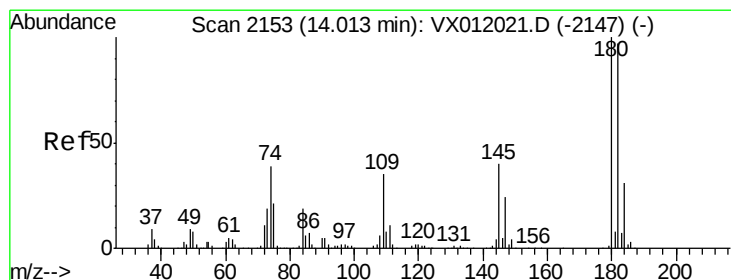
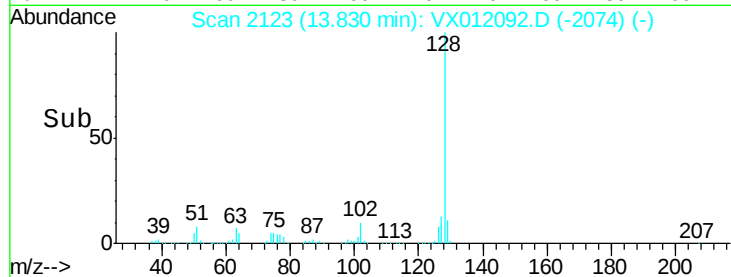
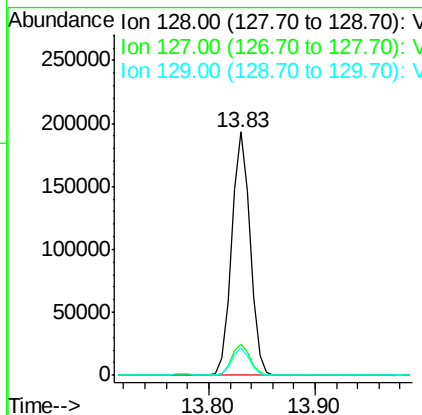
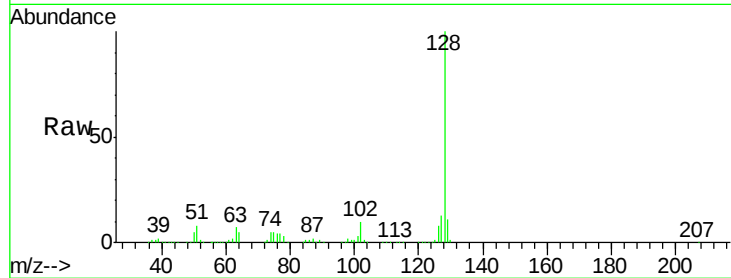
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	235598
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/6/2019 12:31:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.118 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012092.D

Acq: 05 Sep 2019 10:54

Tgt Ion:	180	Resp:	97204
Ion Ratio		Lower	Upper
180	100		
182	96.2	47.9	143.6
145	37.1	14.1	42.4

