

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012271.D
 Acq On : 10 Sep 2019 23:23
 Operator : SY/SP
 Sample : VX0910SBSD03
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 8:59:37 AM

Quant Time: Sep 11 03:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	97983	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	75174	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.71	98	285737	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	121503	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23959	21.240	ug/l	98
3) Chloromethane	1.31	50	21695	21.337	ug/l	100
4) Vinyl Chloride	1.40	62	22118	21.938	ug/l	99
5) Bromomethane	1.62	94	10276	22.610	ug/l	97
6) Chloroethane	1.70	64	14753	21.884	ug/l	98
7) Trichlorofluoromethane	1.91	101	38464	21.080	ug/l	97
8) Diethyl Ether	2.17	74	13791	22.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26430	21.492	ug/l	99
10) Methyl Iodide	2.50	142	20502	17.517	ug/l	99
11) Tert butyl alcohol	3.03	59	20357m	92.460	ug/l	
12) 1,1-Dichloroethene	2.36	96	23017	22.047	ug/l	95
13) Acrolein	2.28	56	9360	91.793	ug/l	98
14) Allyl chloride	2.71	41	44233	20.781	ug/l	100
15) Acrylonitrile	3.13	53	42720	110.998	ug/l	99
16) Acetone	2.44	43	40369	87.422	ug/l	99
17) Carbon Disulfide	2.55	76	46248	21.095	ug/l	99
18) Methyl Acetate	2.76	43	22756	23.446	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	89504	21.709	ug/l	97
20) Methylene Chloride	2.84	84	33732	21.935	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26712	21.445	ug/l	97
22) Diisopropyl ether	3.84	45	104554	21.478	ug/l #	89
23) Vinyl Acetate	3.80	43	310409	103.932	ug/l	99
24) 1,1-Dichloroethane	3.68	63	57194	21.935	ug/l	100
25) 2-Butanone	4.66	43	61762	104.626	ug/l	94
26) 2,2-Dichloropropane	4.56	77	43925	17.943	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34574	21.500	ug/l	98
28) Bromochloromethane	5.00	49	23180	18.955	ug/l	98
29) Tetrahydrofuran	5.12	42	35704	112.101	ug/l	98
30) Chloroform	5.20	83	62350	21.205	ug/l	98
31) Cyclohexane	5.56	56	38444	21.225	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52743	20.891	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38243	21.193	ug/l	97
37) Ethyl Acetate	4.82	43	24746	22.184	ug/l	97
38) Carbon Tetrachloride	5.77	117	42746	20.190	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	39559	19.976	ug/l	95
40) Benzene	6.13	78	117462	21.508	ug/l	97
41) Methacrylonitrile	5.03	41	15334	22.298	ug/l	96
42) 1,2-Dichloroethane	6.18	62	47186	21.860	ug/l	100
43) Isopropyl Acetate	6.43	43	50856	21.625	ug/l	99
44) Trichloroethene	7.20	130	31001	20.975	ug/l	98
45) 1,2-Dichloropropane	7.51	63	32595	21.561	ug/l	96
46) Dibromomethane	7.65	93	18086	21.890	ug/l	99
47) Bromodichloromethane	7.89	83	46323	20.545	ug/l	93
48) Methyl methacrylate	7.76	41	24113	21.421	ug/l	97
49) 1,4-Dioxane	7.73	88	7316	481.635	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	132612	106.841	ug/l	99
52) Toluene	8.78	92	77359	21.445	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44172	19.628	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49846	19.975	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	27909	21.804	ug/l	96
56) Ethyl methacrylate	9.17	69	37081	21.396	ug/l	99
57) 1,3-Dichloropropane	9.37	76	47801	21.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	93749	105.541	ug/l	99
59) 2-Hexanone	9.49	43	93168	107.956	ug/l	99
60) Dibromochloromethane	9.57	129	30812	20.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	25995	21.817	ug/l	98
64) Tetrachloroethene	9.33	164	29152	23.726	ug/l	97
65) Chlorobenzene	10.14	112	88356	20.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	33703	21.061	ug/l	99
67) Ethyl Benzene	10.25	91	156860	20.776	ug/l	97
68) m/p-Xylenes	10.35	106	116354	41.864	ug/l	100
69) o-Xylene	10.70	106	57370	21.071	ug/l	98
70) Styrene	10.71	104	99991	20.708	ug/l	99
71) Bromoform	10.85	173	16533	19.924	ug/l #	98
73) Isopropylbenzene	11.01	105	156549	20.938	ug/l	98
74) N-amyl acetate	10.89	43	45807	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34293	21.357	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	27004m	18.509	ug/l	
77) Bromobenzene	11.25	156	36358	21.121	ug/l	98
78) n-propylbenzene	11.35	91	186467	20.653	ug/l	100
79) 2-Chlorotoluene	11.42	91	118867	21.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	141159	20.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8774	18.019	ug/l	94
82) 4-Chlorotoluene	11.51	91	142586	21.210	ug/l	100
83) tert-Butylbenzene	11.76	119	134210	20.557	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143224	20.606	ug/l	99
85) sec-Butylbenzene	11.94	105	161587	20.743	ug/l	98
86) p-Isopropyltoluene	12.06	119	145009	20.146	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73240	20.887	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	72142	20.346	ug/l	97
89) n-Butylbenzene	12.39	91	139079	19.714	ug/l	99
90) Hexachloroethane	12.59	117	25884	19.524	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	68708	21.182	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6554	19.997	ug/l	95

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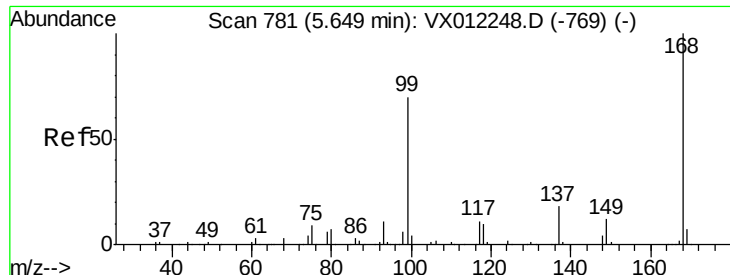
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QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43794	19.550	ug/l	98
94) Hexachlorobutadiene	13.78	225	22201	19.922	ug/l	97
95) Naphthalene	13.83	128	101209	21.053	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39440	19.899	ug/l	98

(#) = 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: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:168 Resp: 137971

Ion Ratio Lower Upper

168 100

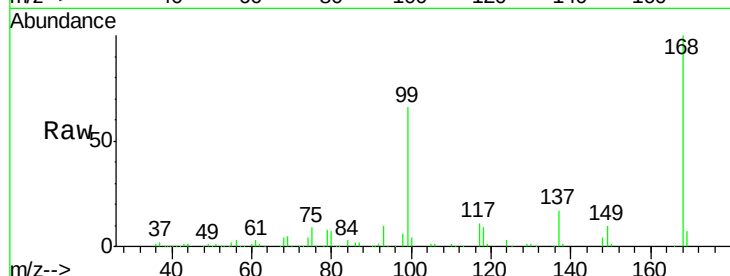
99 66.1 55.8 83.6

Manual Integrations

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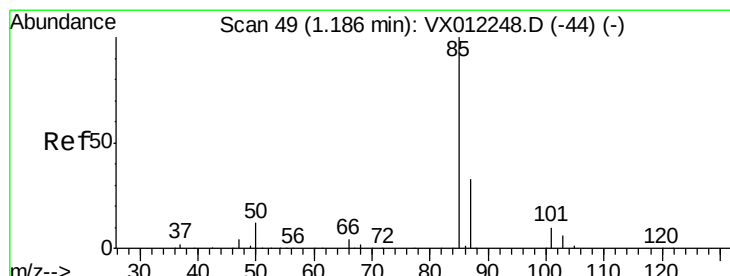
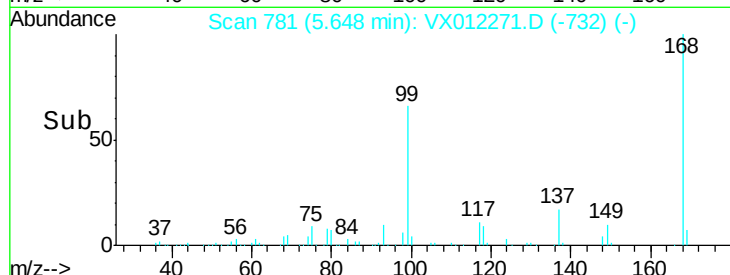
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.240 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012271.D

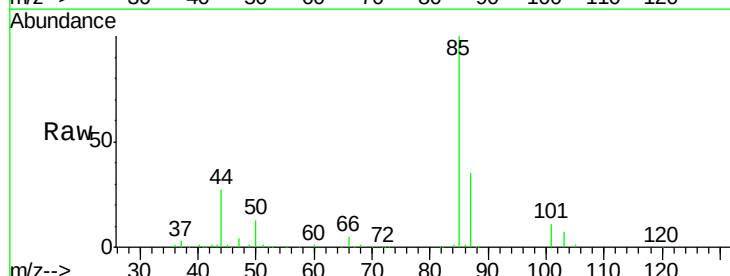
Acq: 10 Sep 2019 23:23

Tgt Ion: 85 Resp: 23959

Ion Ratio Lower Upper

85 100

87 34.6 16.7 50.0



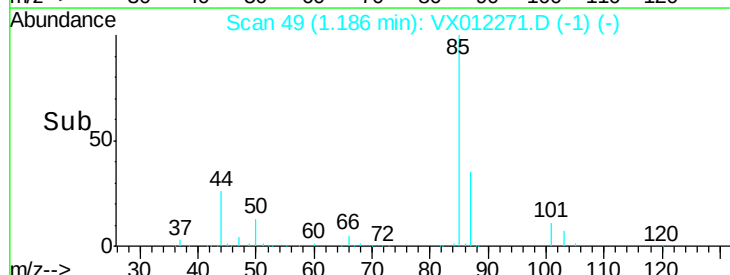
Abundance Ion 84.90 (84.60 to 85.60): VX0

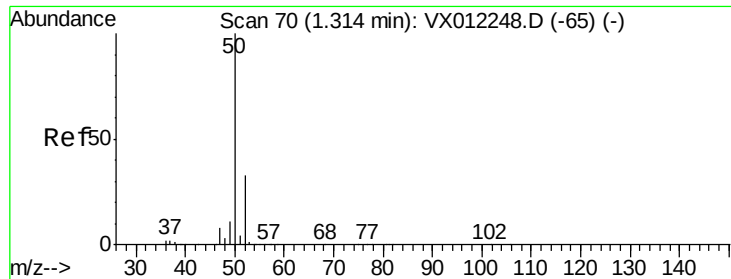
Ion 86.90 (86.60 to 87.60): VX0

1.19

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.337 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 50 Resp: 21695

Ion Ratio Lower Upper

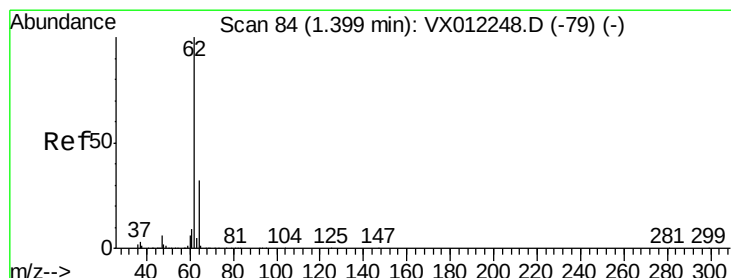
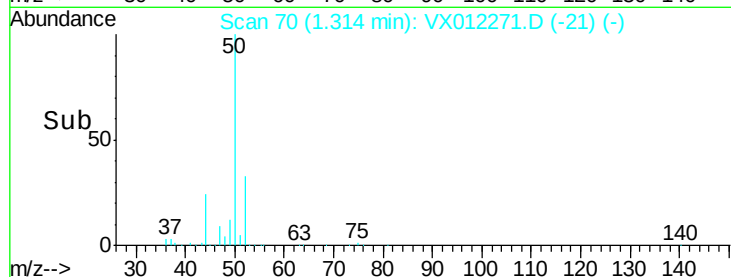
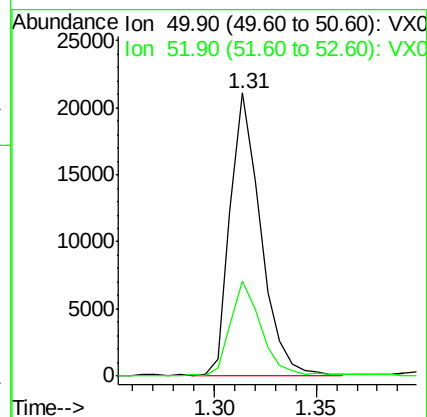
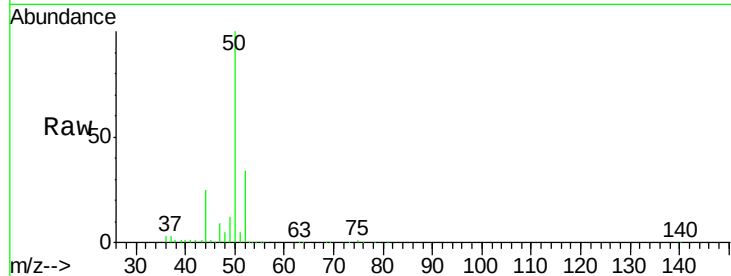
50 100

52 33.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.938 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012271.D

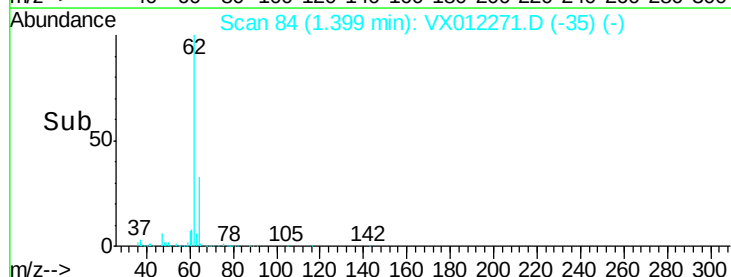
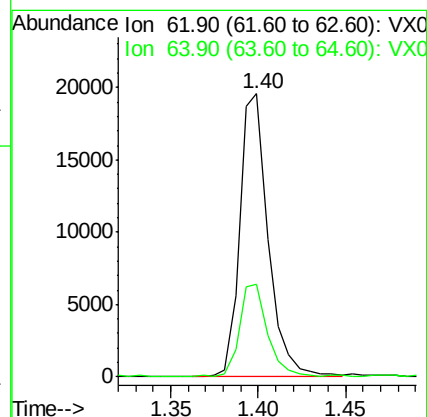
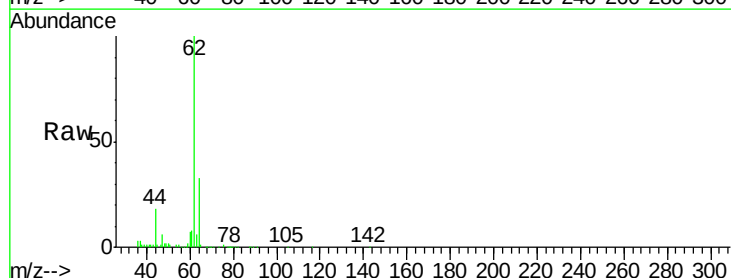
Acq: 10 Sep 2019 23:23

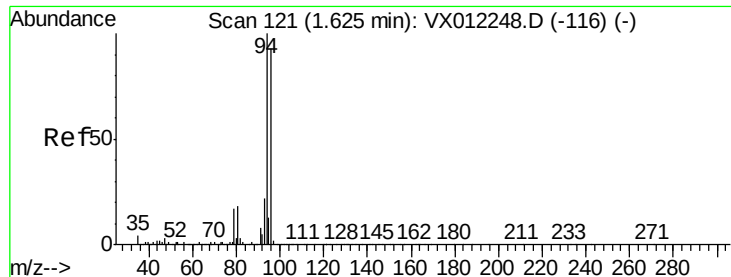
Tgt Ion: 62 Resp: 22118

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 22.610 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 94 Resp: 10276

Ion Ratio Lower Upper

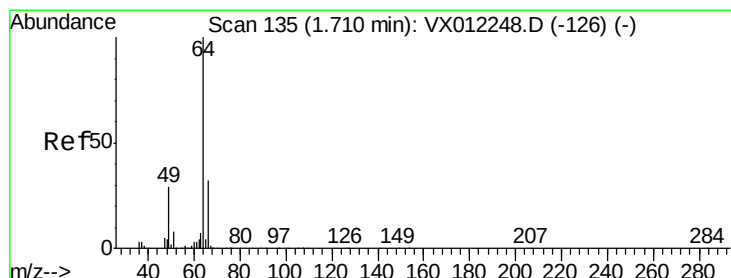
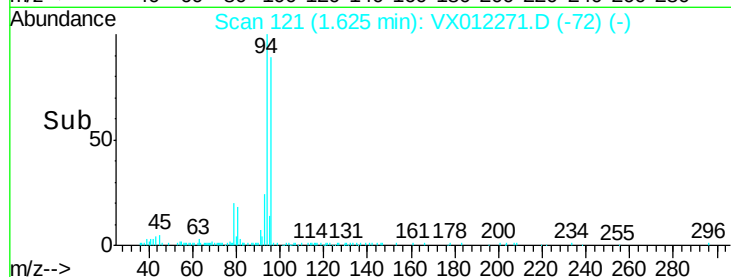
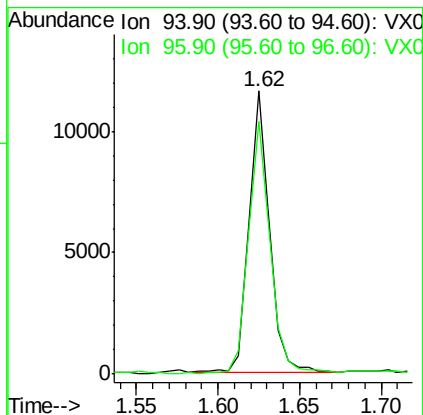
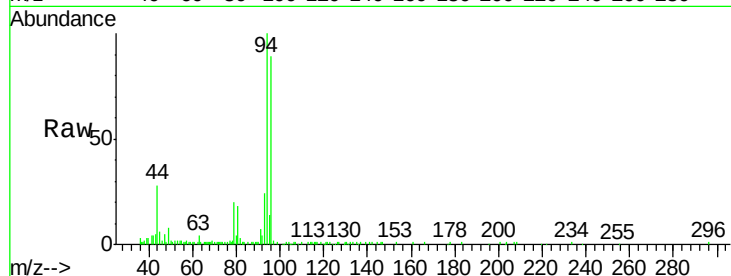
94 100

96 89.2 74.0 111.0

Manual Integrations
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#6

Chloroethane

Concen: 21.884 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012271.D

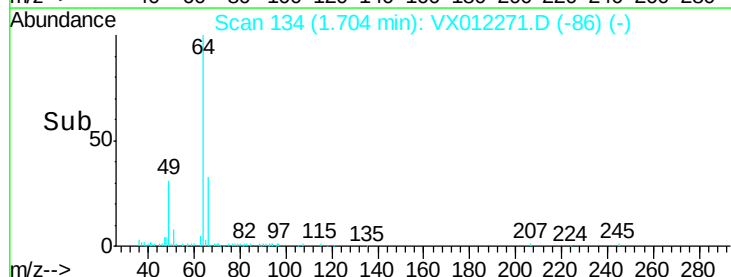
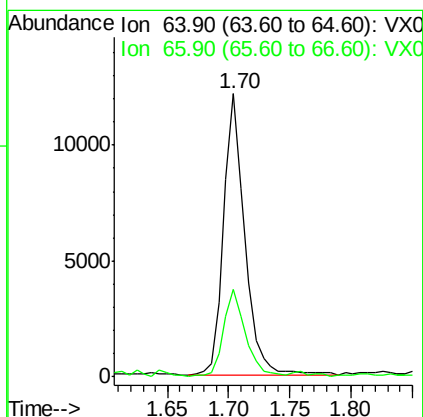
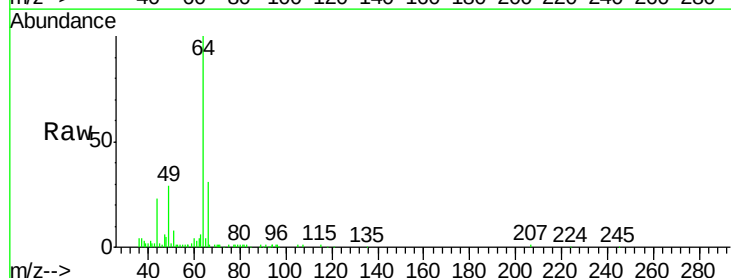
Acq: 10 Sep 2019 23:23

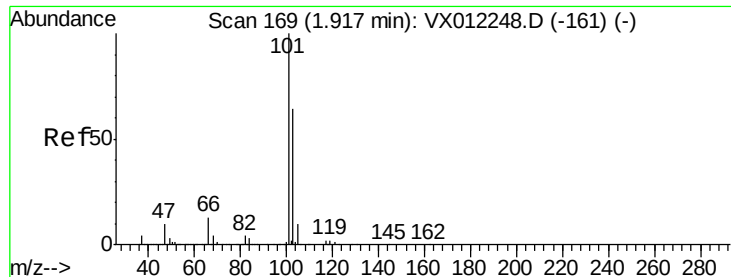
Tgt Ion: 64 Resp: 14753

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.6





#7

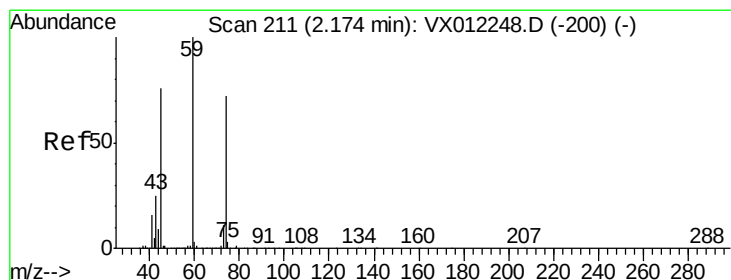
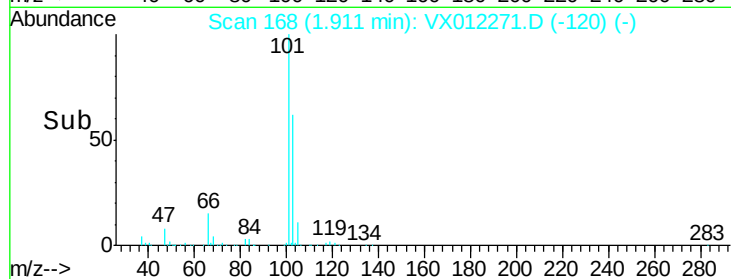
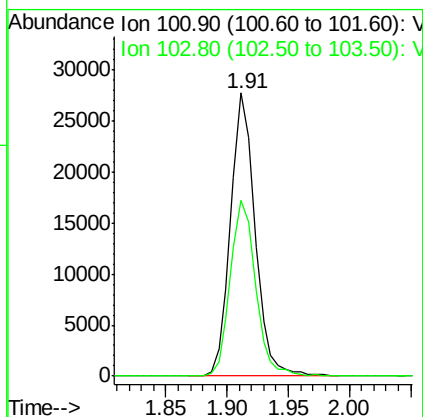
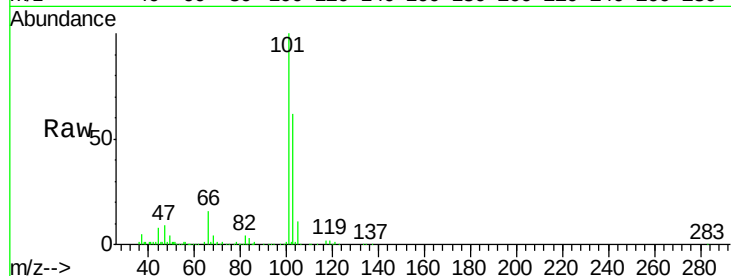
Trichlorofluoromethane
 Concen: 21.080 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
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 ClientSampleId :
 VX0910SBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.4	77.2

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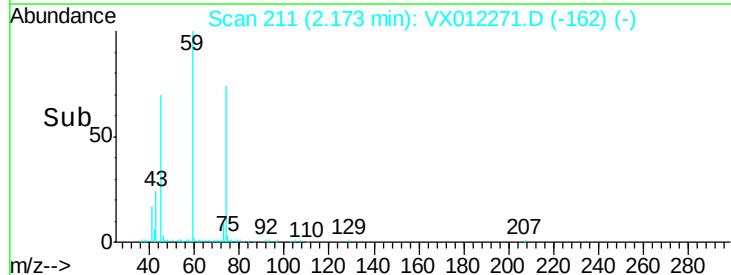
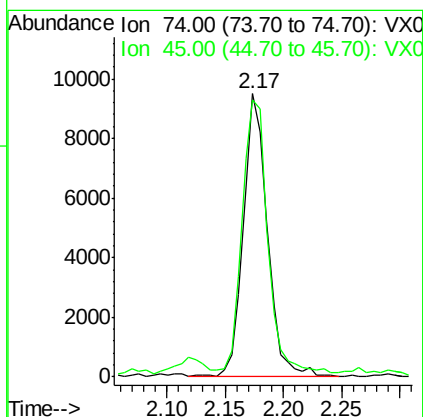
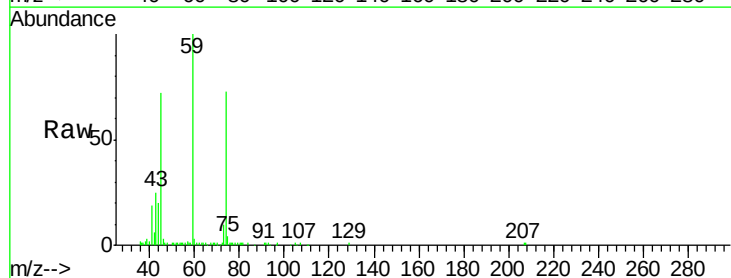
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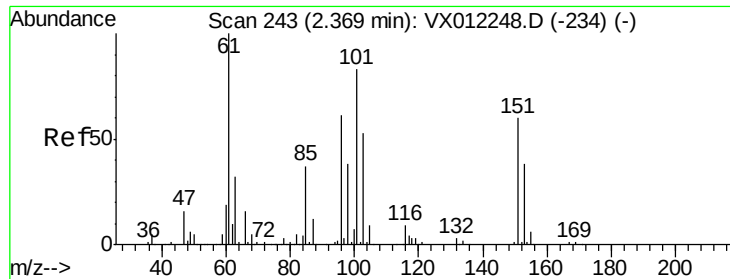


#8

Diethyl Ether
 Concen: 22.150 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.492 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

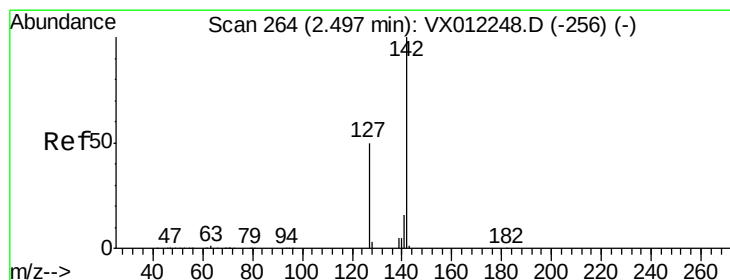
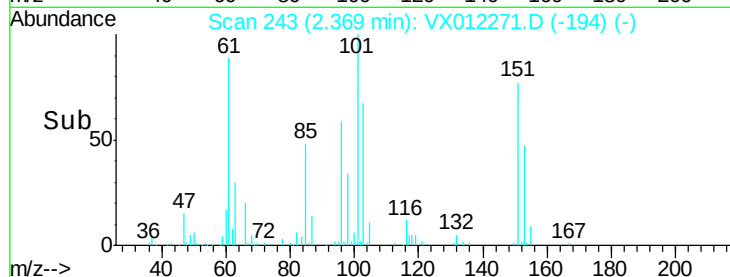
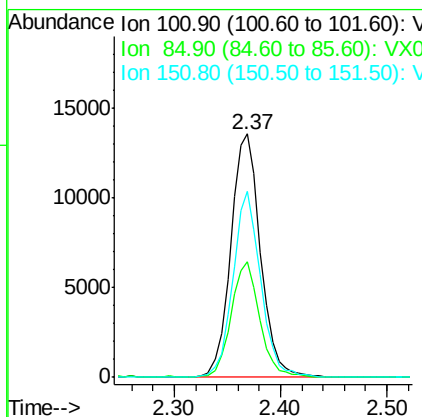
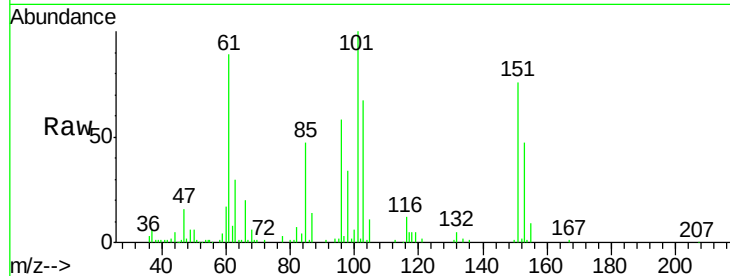
ClientSampleId :

VX0910SBS03

Tot Ion:	101	Resp:	26430
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.0	55.6
151	71.8	58.6	87.8

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#10

Methyl Iodide

Concen: 17.517 ug/l

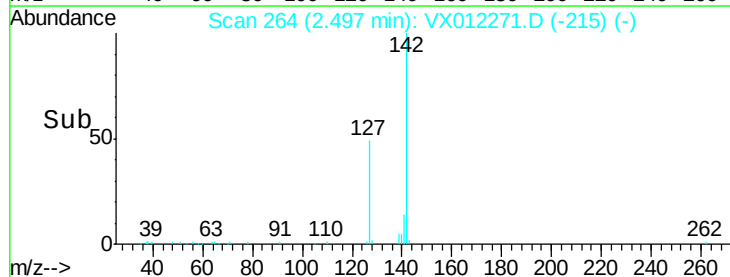
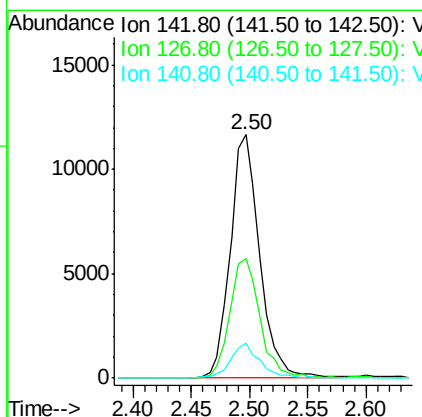
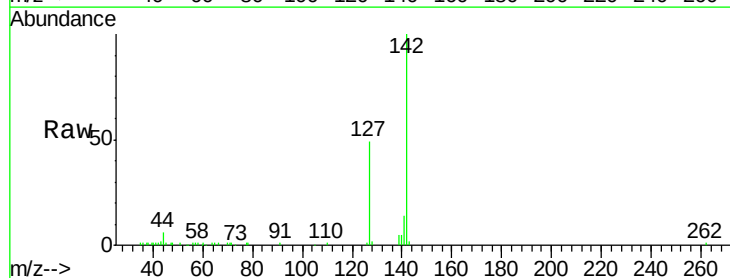
RT: 2.50 min Scan# 264

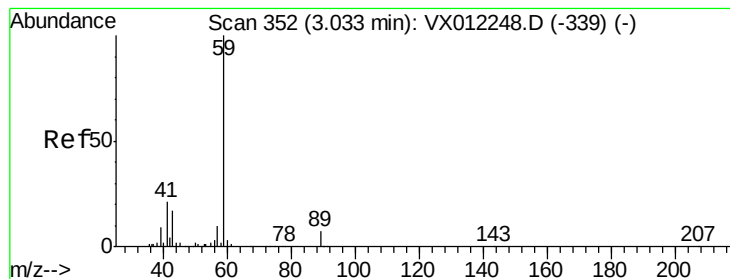
Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	142	Resp:	20502
Ion Ratio	Lower	Upper	
142	100		
127	50.3	40.6	61.0
141	14.4	12.0	18.0





#11

Tert butyl alcohol

Concen: 92.460 ug/l m

RT: 3.03 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 59 Resp: 20357

Ion Ratio Lower Upper

59 100

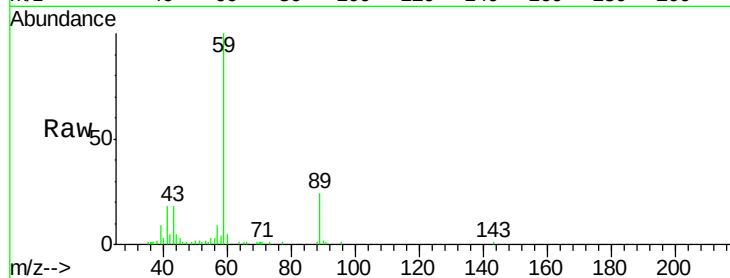
57 11.9 7.8 11.6#

Manual Integrations

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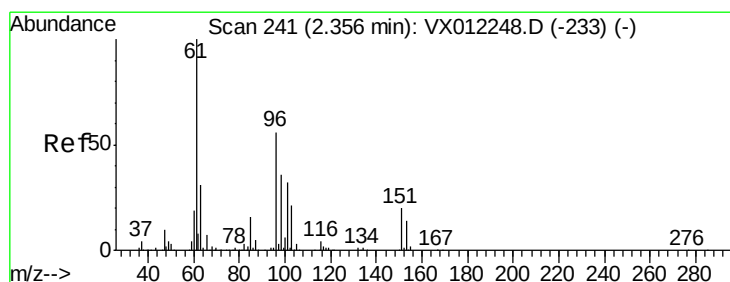
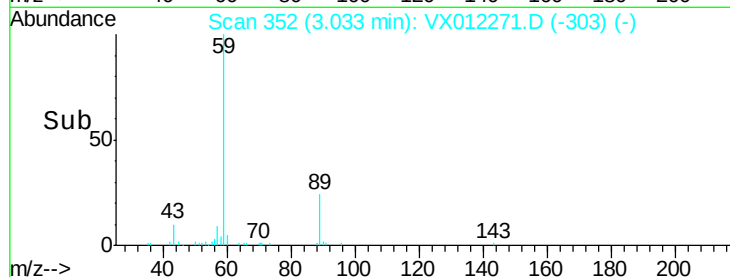
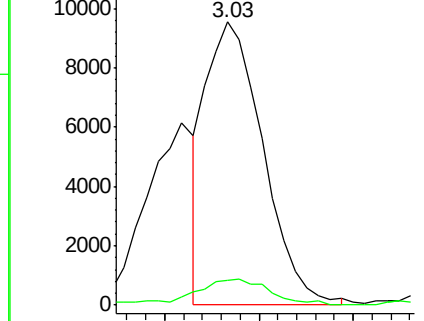
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Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 22.047 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

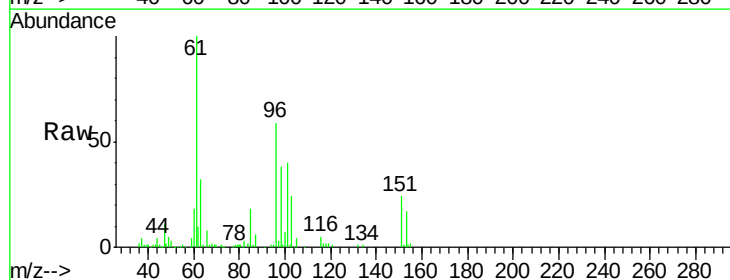
Tgt Ion: 96 Resp: 23017

Ion Ratio Lower Upper

96 100

61 168.3 142.2 213.2

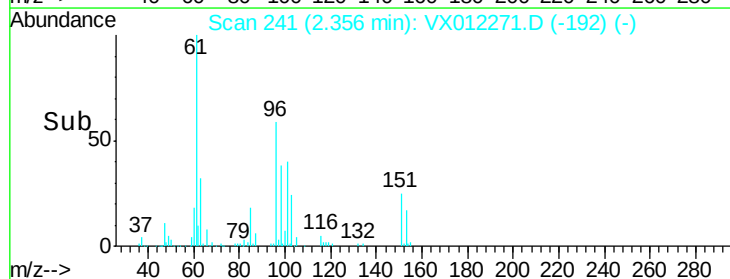
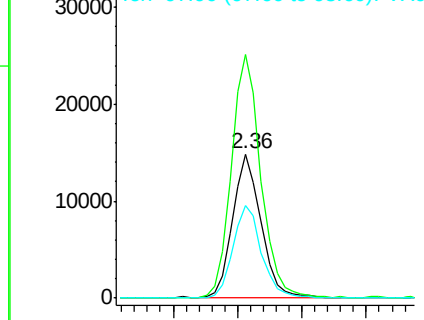
98 64.5 51.3 76.9

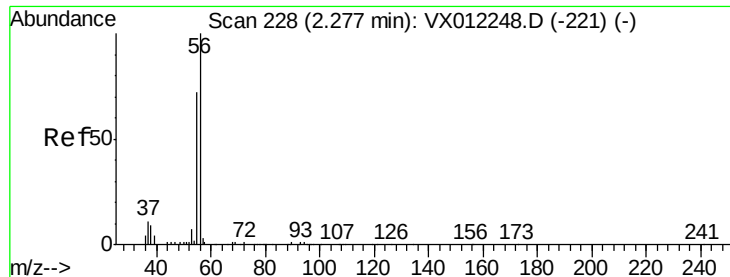


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





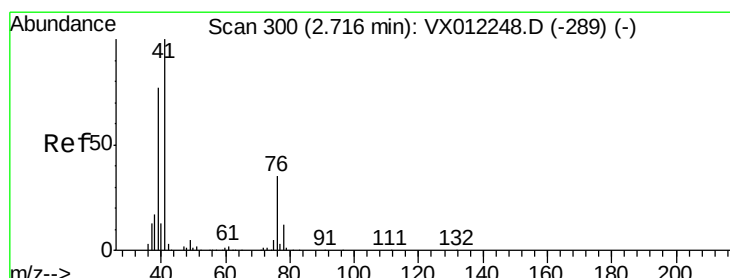
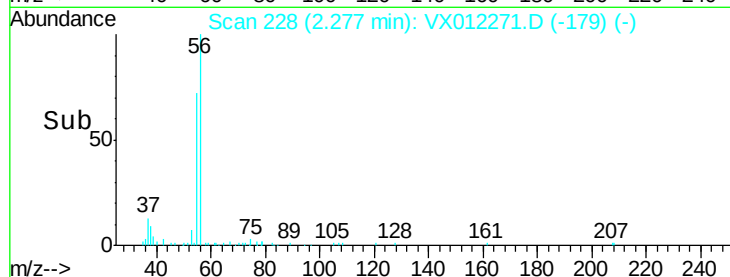
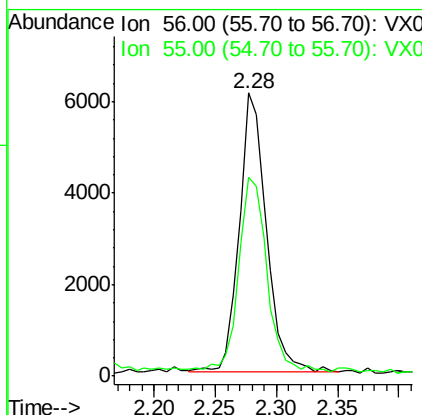
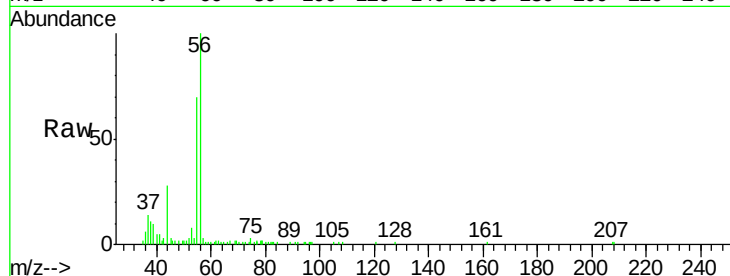
#13
 Acrolein
 Concen: 91.793 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.7	59.8	89.6

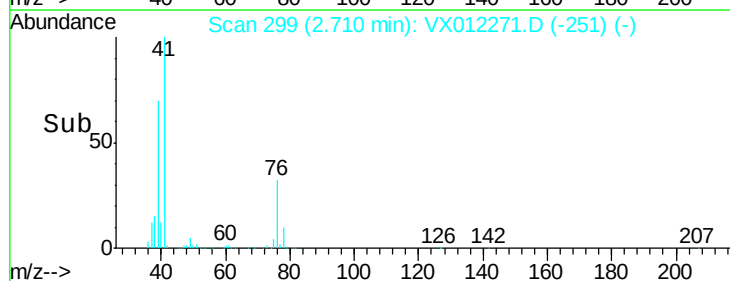
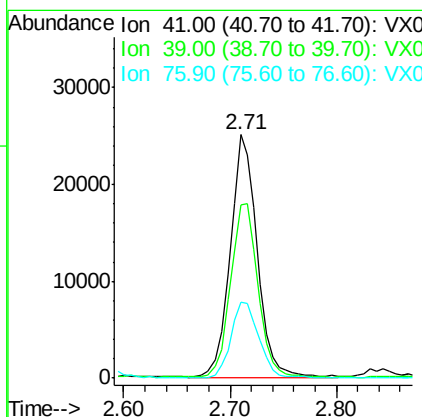
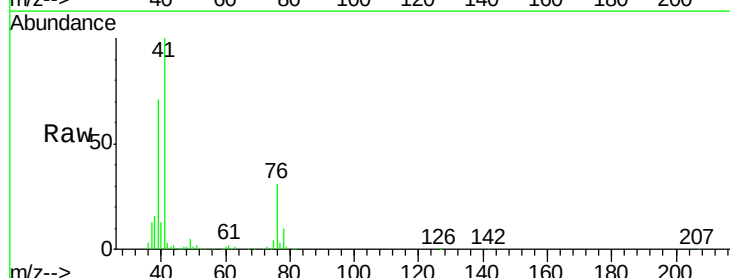
Manual Integrations
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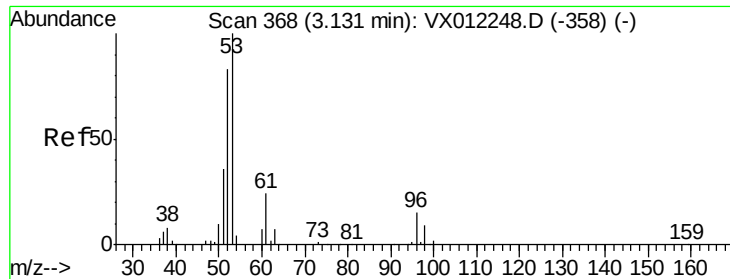
MMDadoda
 9/12/2019 8:59:37 AM



#14
 Allyl chloride
 Concen: 20.781 ug/l
 RT: 2.71 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.4	58.6	87.8
76	33.0	26.3	39.5





#15

Acrylonitrile

Concen: 110.998 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

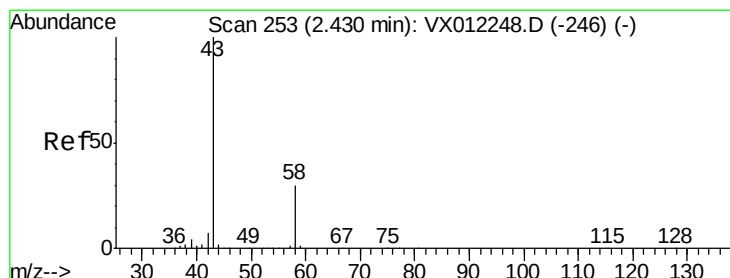
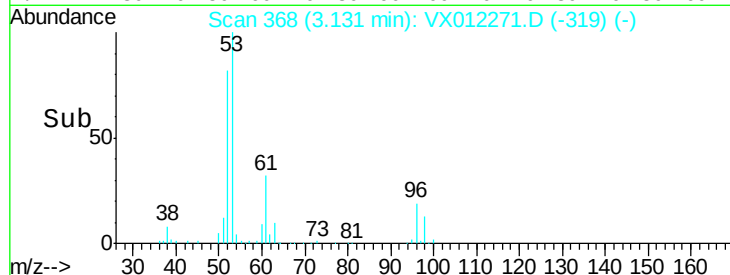
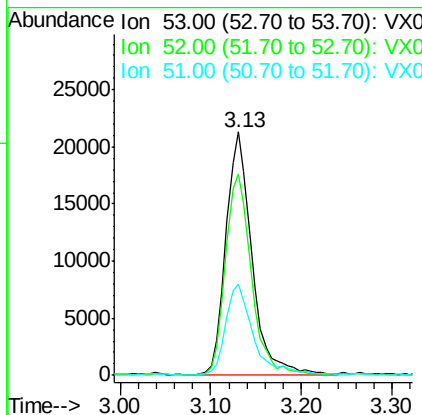
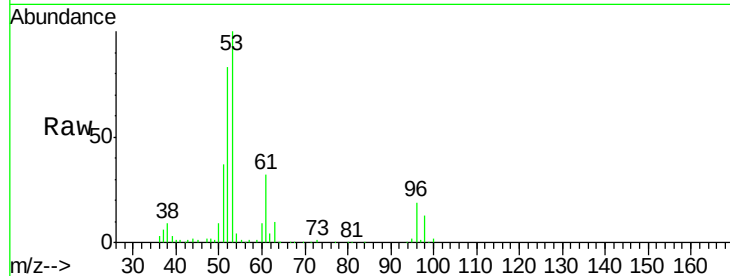
ClientSampleId :

VX0910SBS03

Tot Ion:	53	Resp:	42720
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.8	100.2
51	40.3	30.7	46.1

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#16

Acetone

Concen: 87.422 ug/l

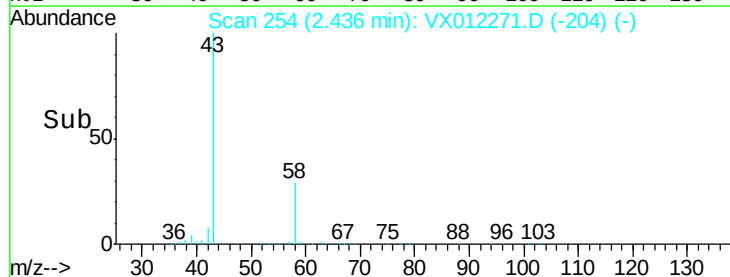
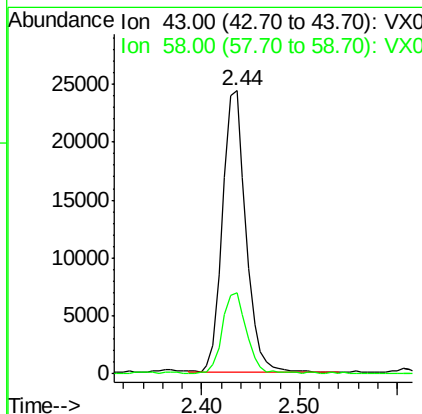
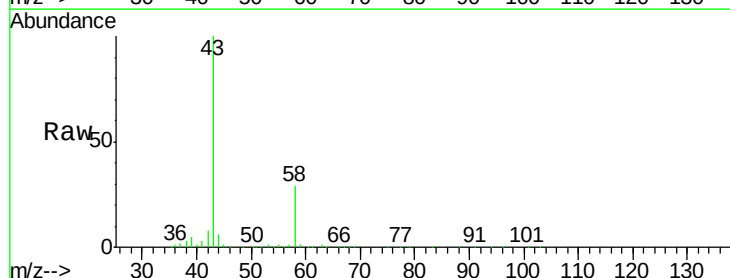
RT: 2.44 min Scan# 254

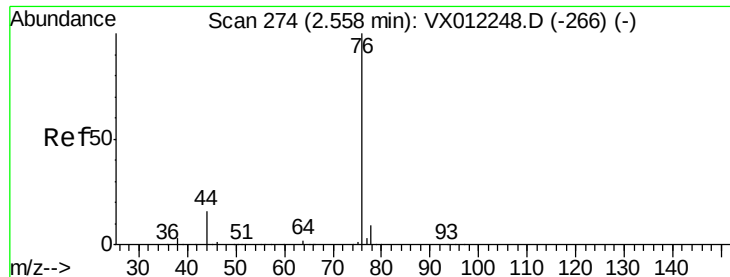
Delta R.T. 0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	43	Resp:	40369
Ion Ratio	Lower	Upper	
43	100		
58	28.8	23.6	35.4





#17

Carbon Disulfide

Concen: 21.095 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 76 Resp: 46248

Ion Ratio Lower Upper

76 100

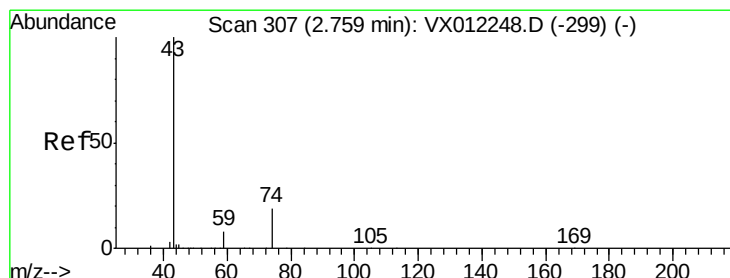
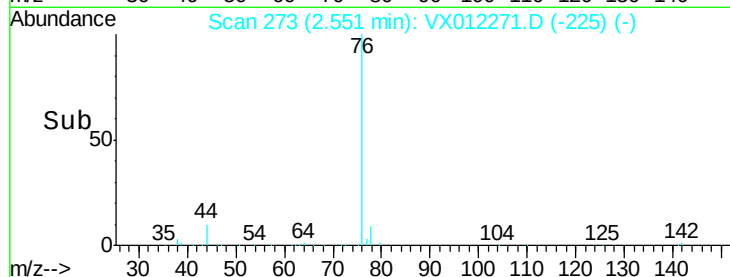
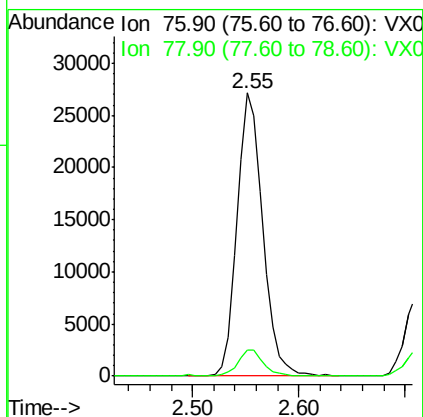
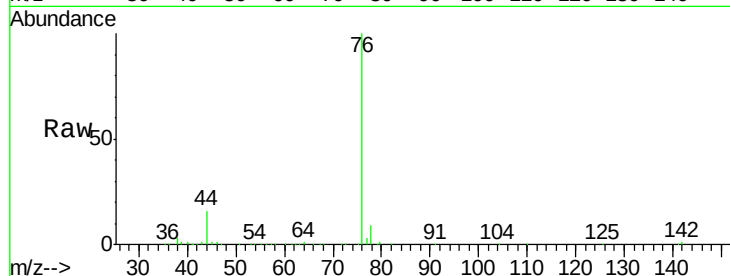
78 9.1 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 23.446 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012271.D

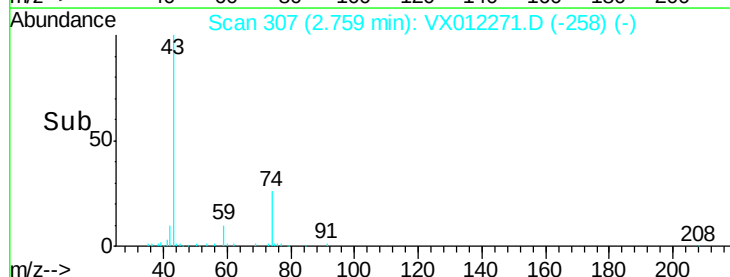
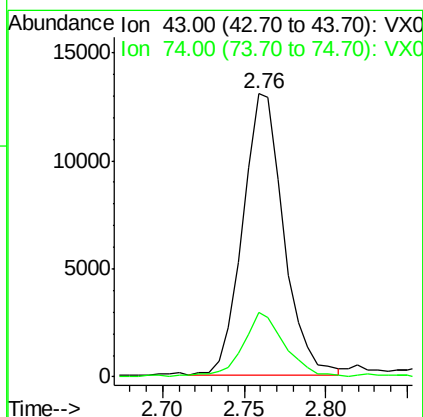
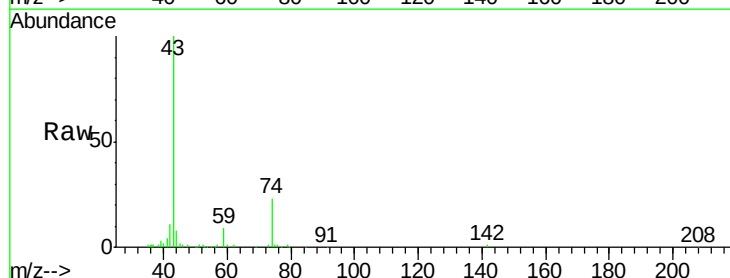
Acq: 10 Sep 2019 23:23

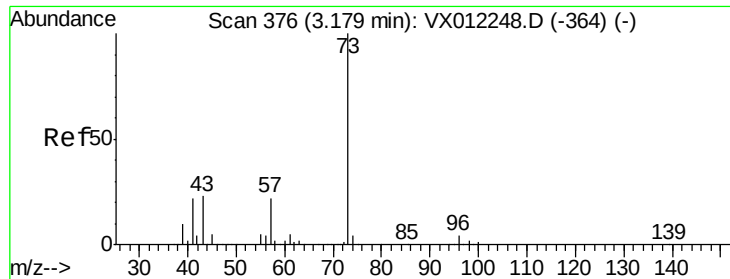
Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

43 100

74 23.7 18.3 27.5





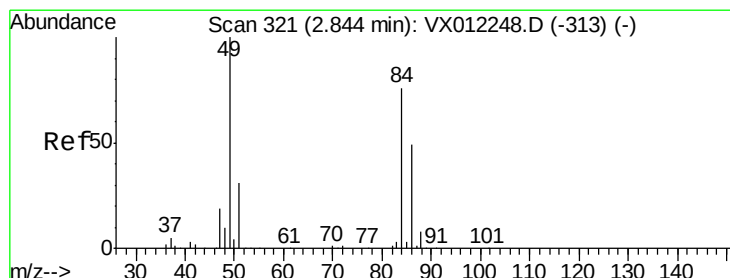
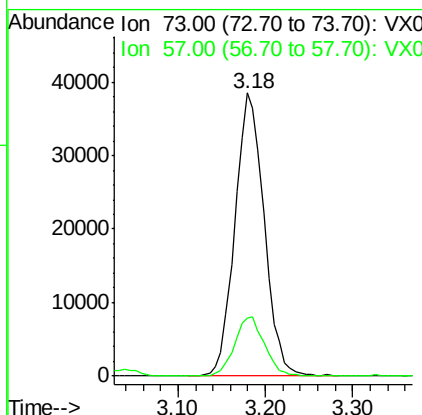
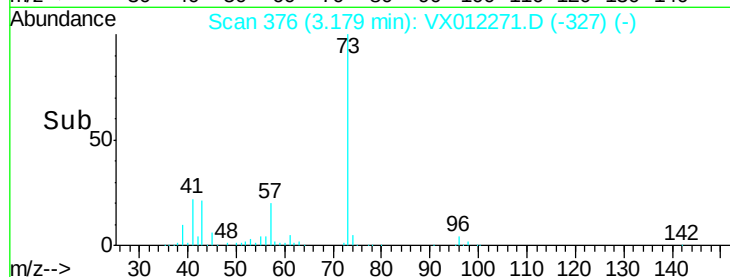
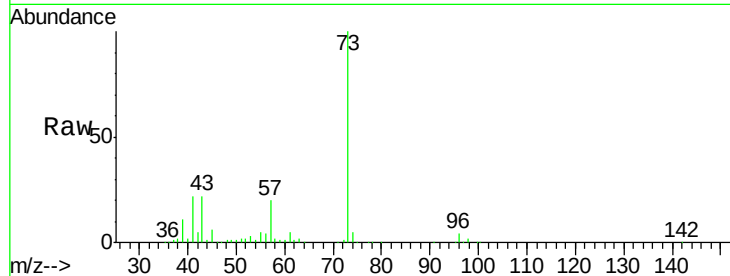
#19
Methyl tert-butyl Ether
Concen: 21.709 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 73 Resp: 89504
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

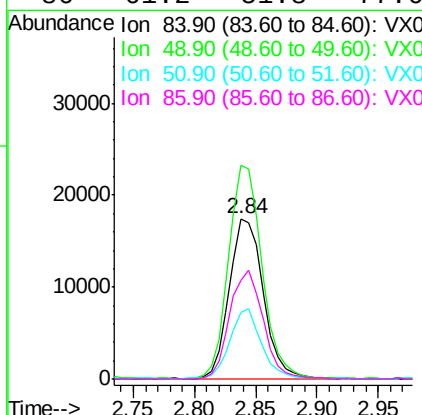
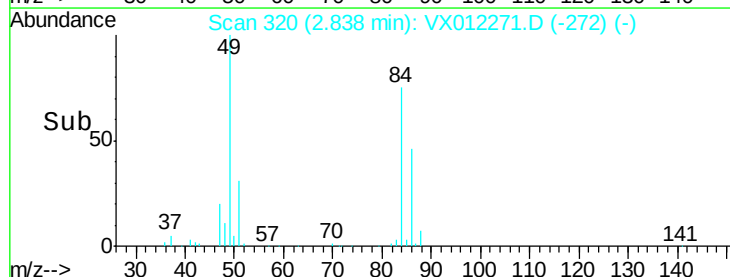
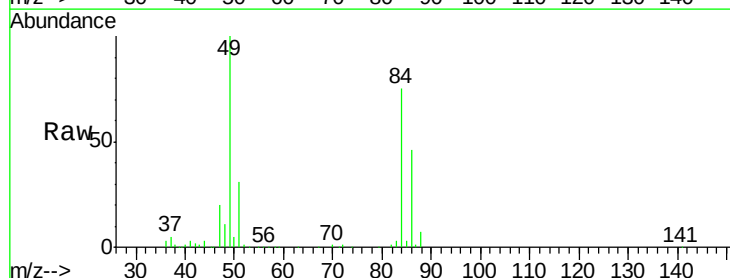
Manual Integrations
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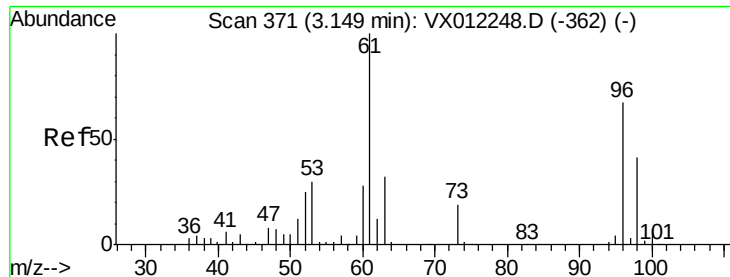
MMDadoda
9/12/2019 8:59:37 AM



#20
Methylene Chloride
Concen: 21.935 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 84 Resp: 33732
Ion Ratio Lower Upper
84 100
49 133.0 105.0 157.6
51 41.2 32.6 48.8
86 61.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 21.445 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

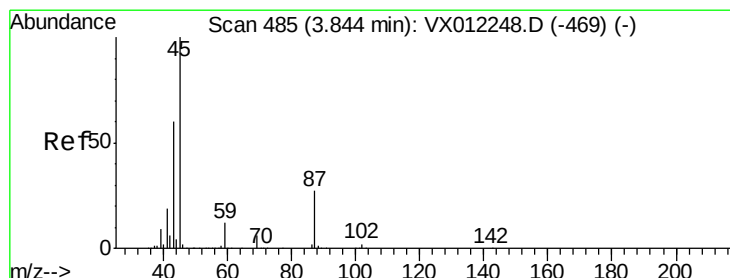
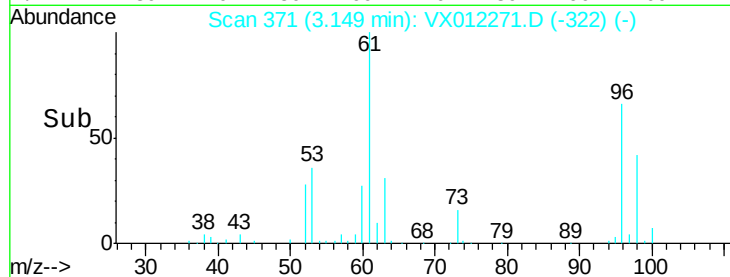
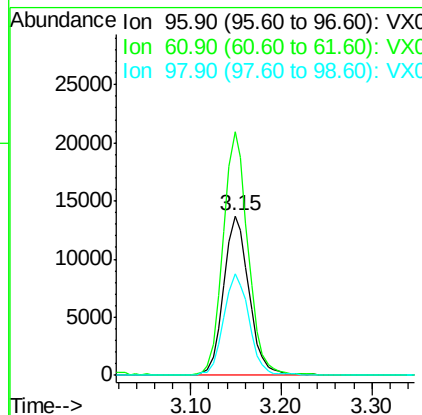
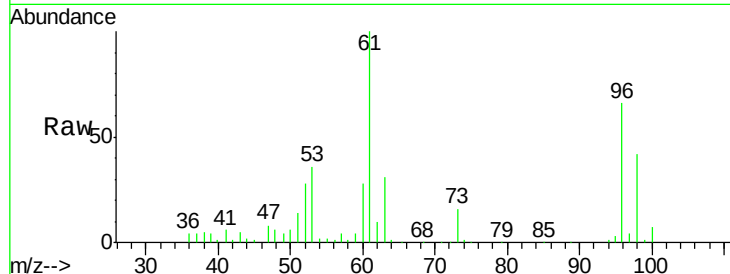
ClientSampleId :

VX0910SBS03

Tot Ion:	96	Resp:	26712
Ion	Ratio	Lower	Upper
96	100		
61	152.5	119.4	179.2
98	63.7	48.4	72.6

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 21.478 ug/l

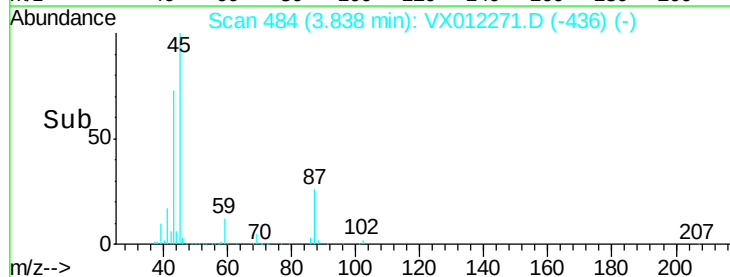
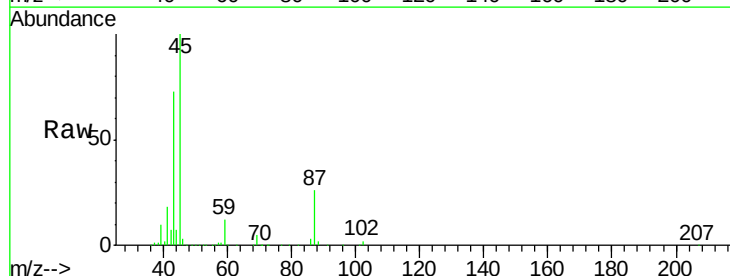
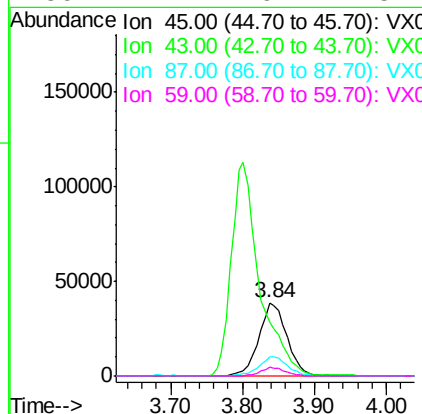
RT: 3.84 min Scan# 484

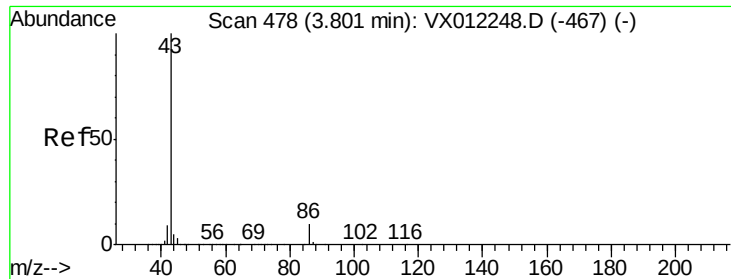
Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	45	Resp:	104554
Ion	Ratio	Lower	Upper
45	100		
43	73.2	48.3	72.5#
87	25.9	21.8	32.8
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 103.932 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 43 Resp: 310409

Ion Ratio Lower Upper

43 100

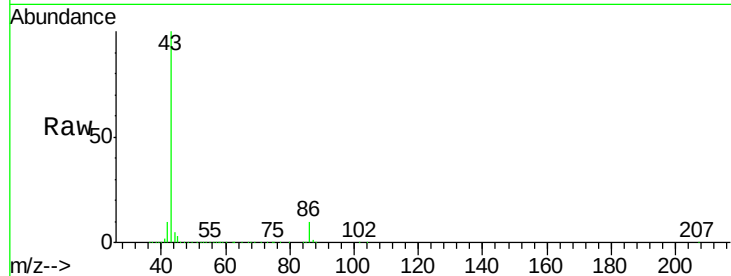
86 10.1 8.3 12.5

Manual Integrations

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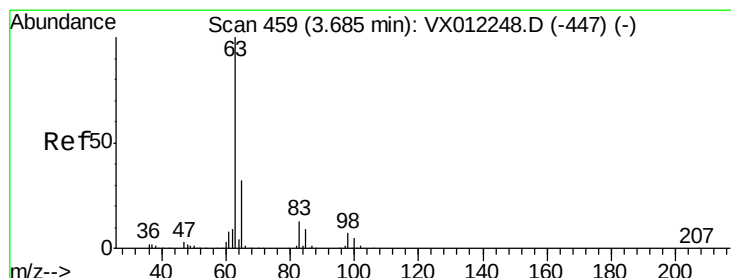
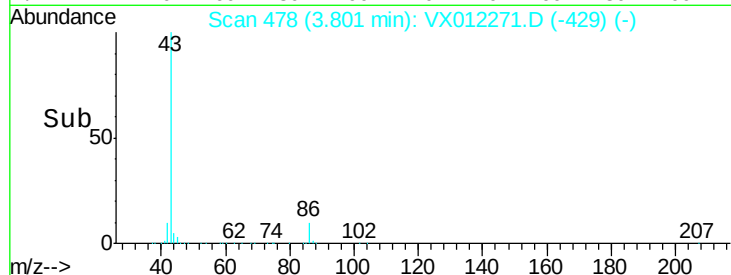
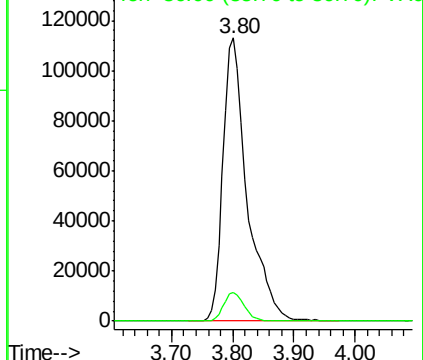
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.935 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

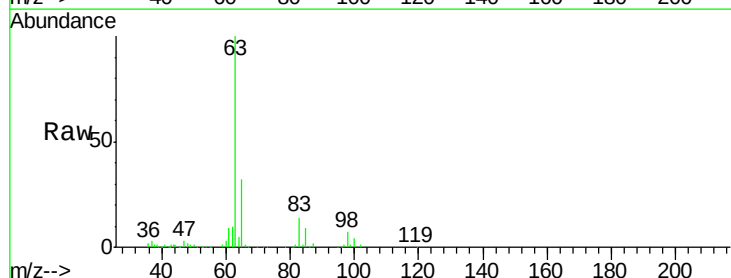
Tgt Ion: 63 Resp: 57194

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

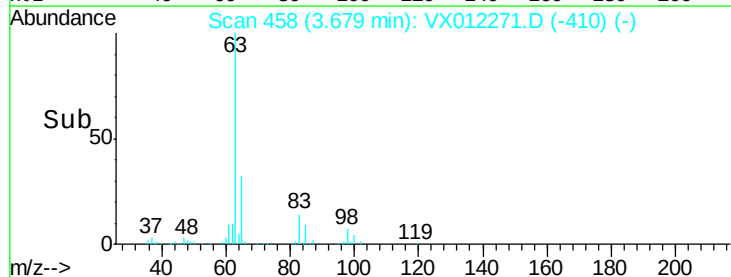
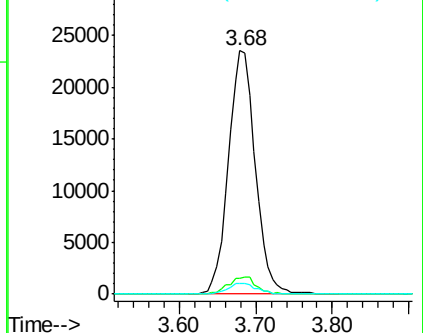
100 4.5 2.4 7.2

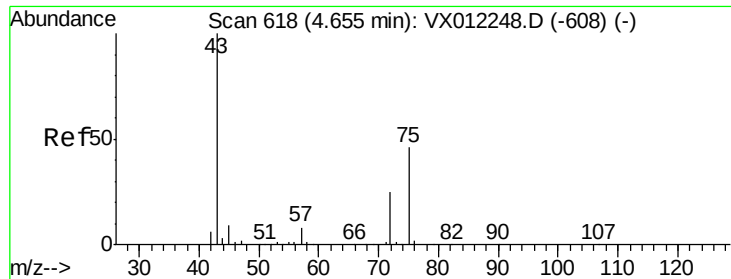


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.626 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tot Ion: 43 Resp: 61762

Ion Ratio Lower Upper

43 100

72 22.4 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

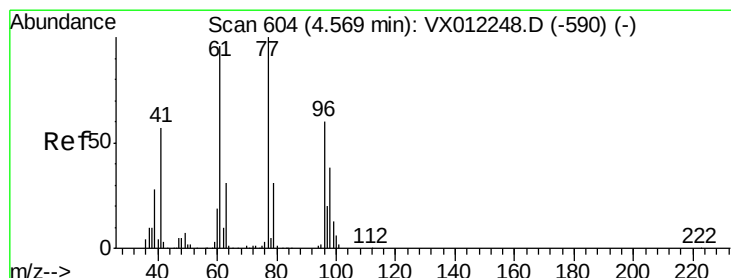
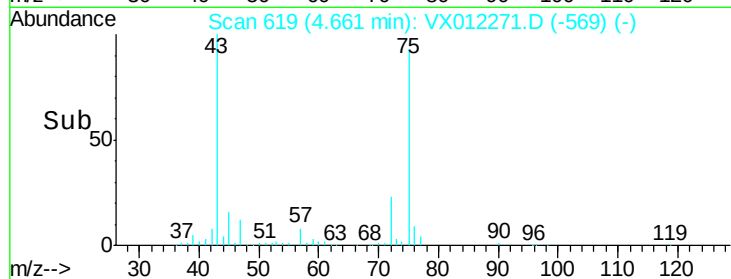
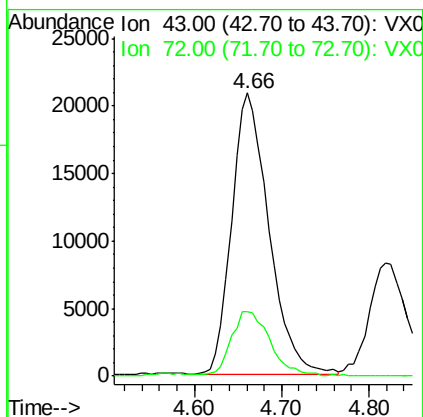
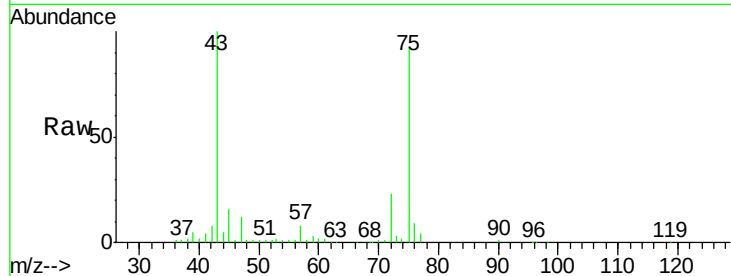
VX0910SBS03

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.943 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012271.D

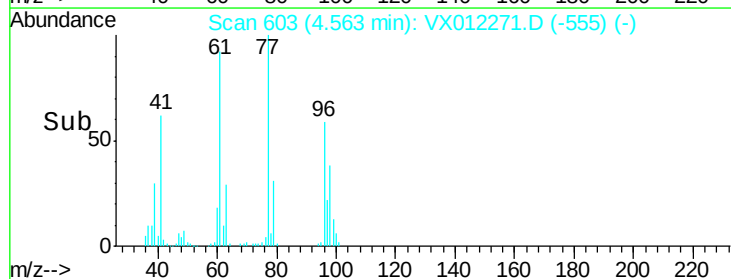
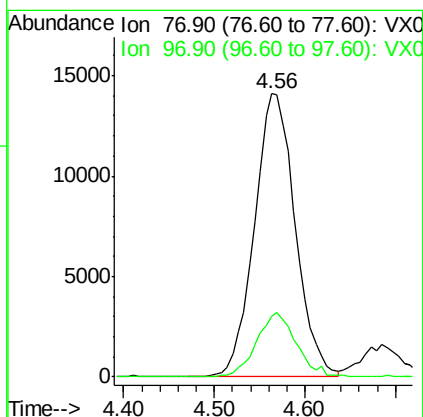
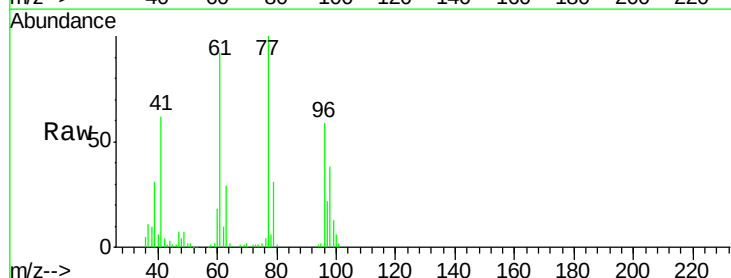
Acq: 10 Sep 2019 23:23

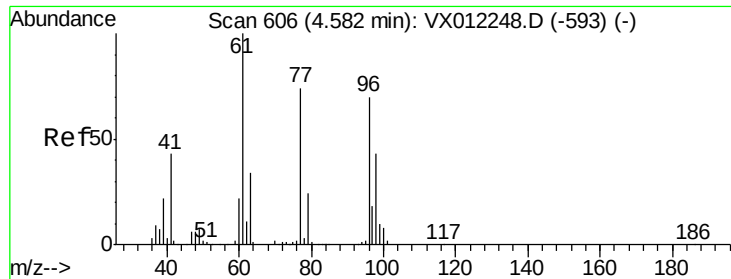
Tgt Ion: 77 Resp: 43925

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1





#27

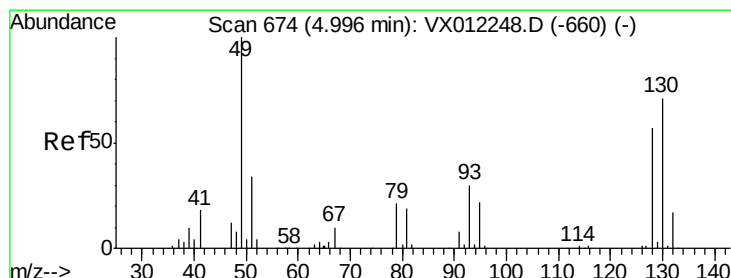
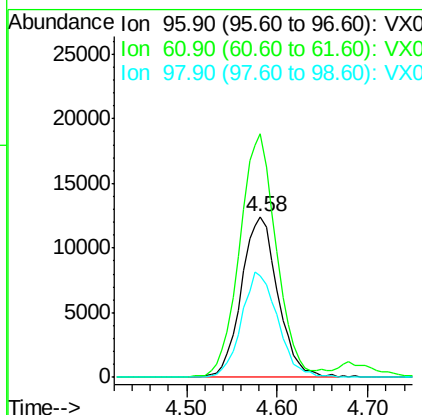
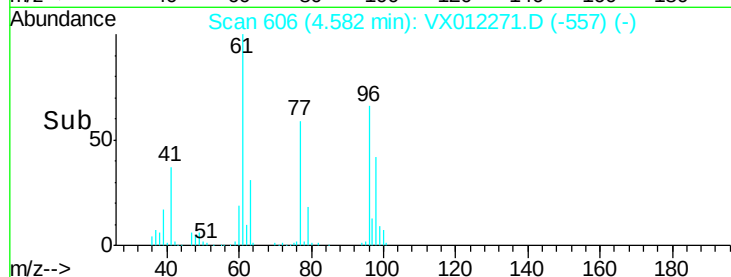
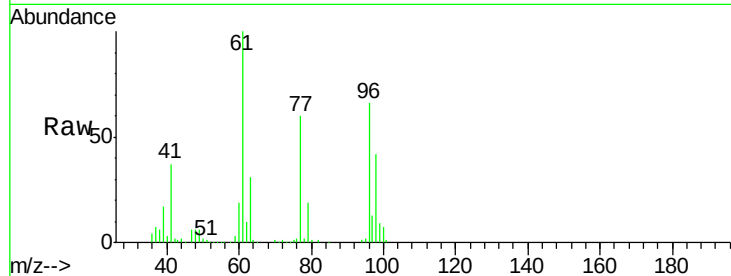
cis-1,2-Dichloroethene
Concen: 21.500 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	310.4
98	65.3	0.0	128.8

Manual Integrations
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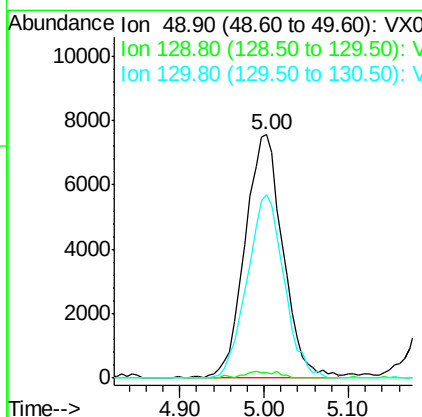
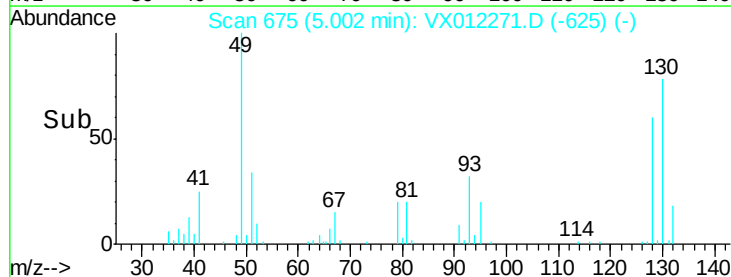
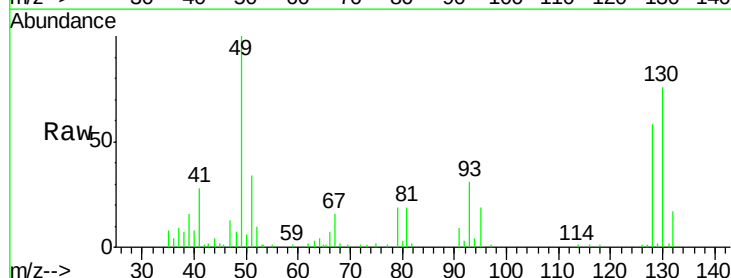
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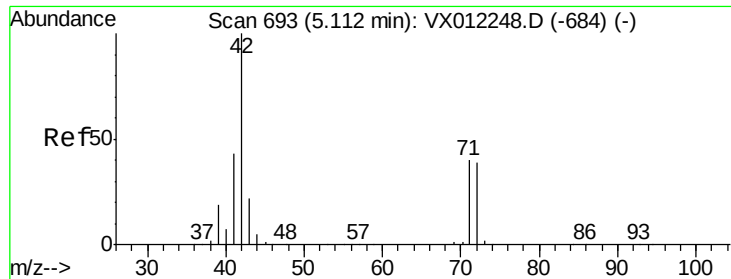


#28

Bromochloromethane
Concen: 18.955 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	73.0	60.1	90.1





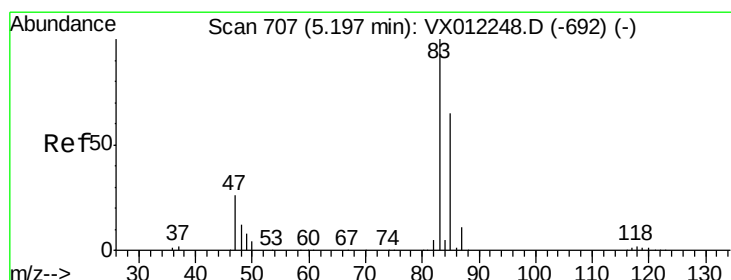
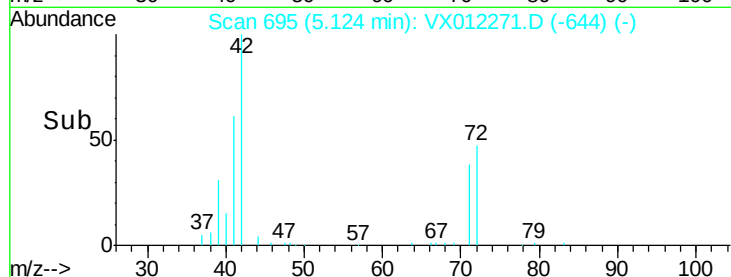
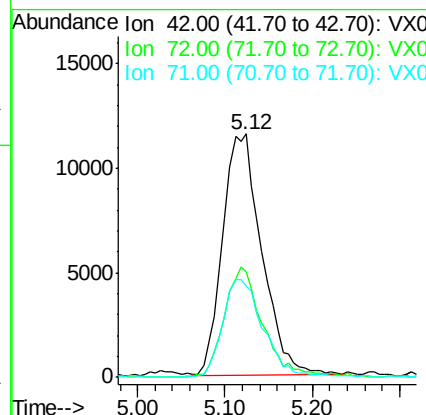
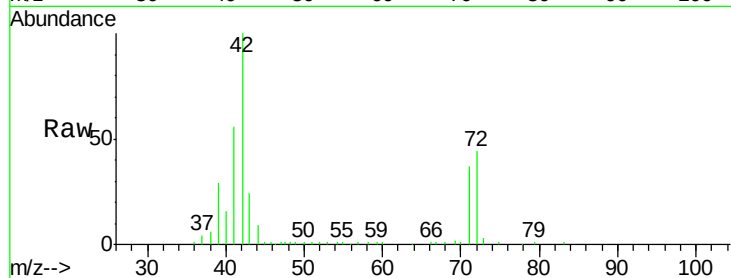
#29
Tetrahydrofuran
Concen: 112.101 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.2	52.8
71	41.8	32.5	48.7

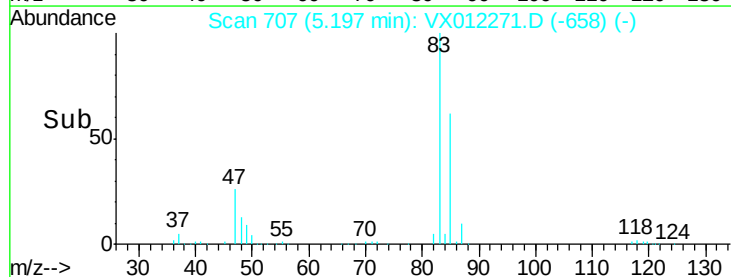
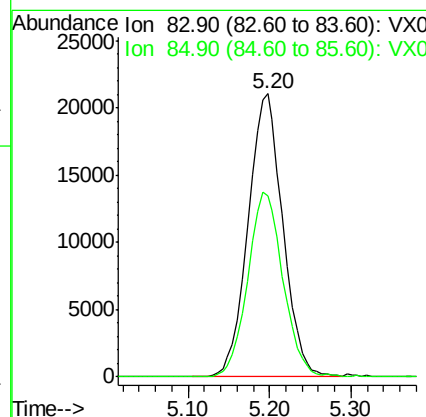
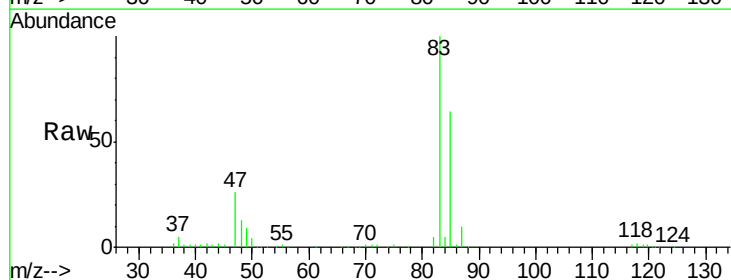
Manual Integrations
APPROVED

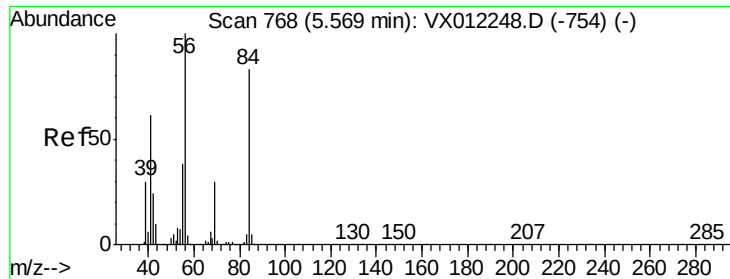
MMDadoda
9/12/2019 8:59:37 AM



#30
Chloroform
Concen: 21.205 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.3	78.5





#31

Cyclohexane

Concen: 21.225 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

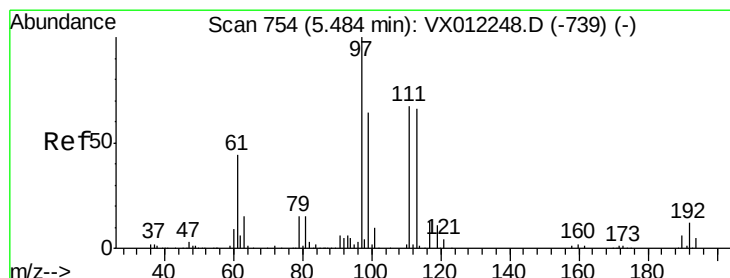
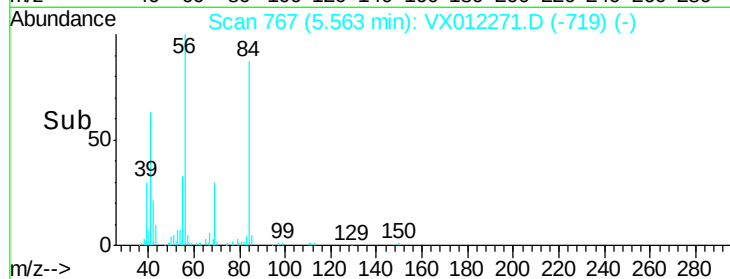
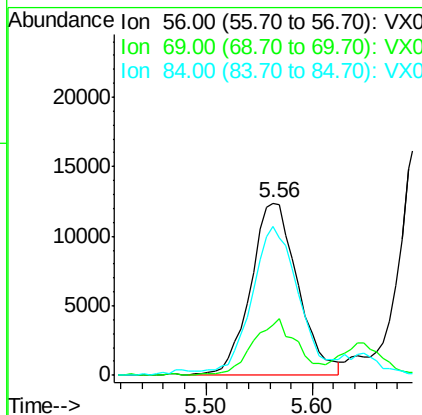
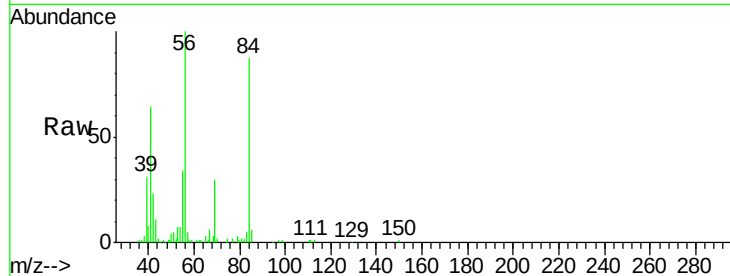
ClientSampleId :

VX0910SBS03

Tot Ion:	56	Resp:	38444
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.8	35.6
84	84.4	66.6	100.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.891 ug/l

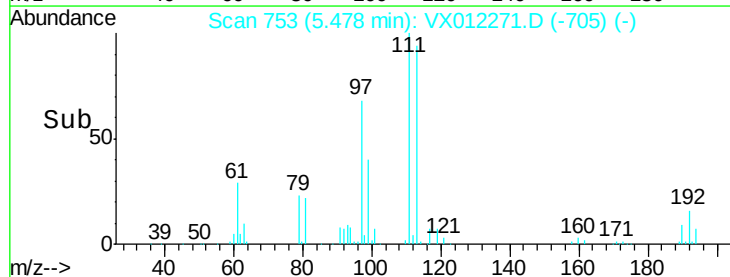
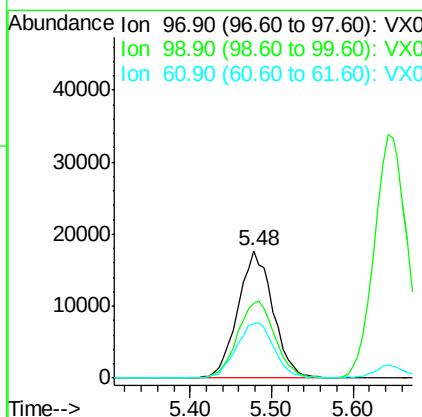
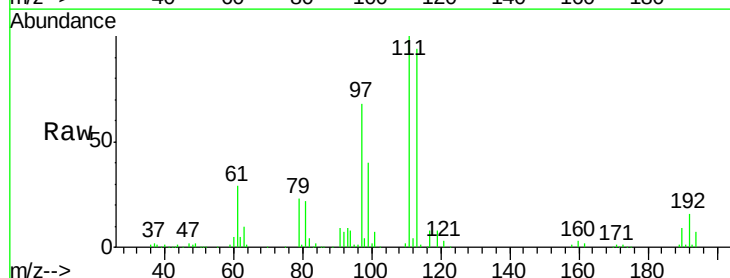
RT: 5.48 min Scan# 753

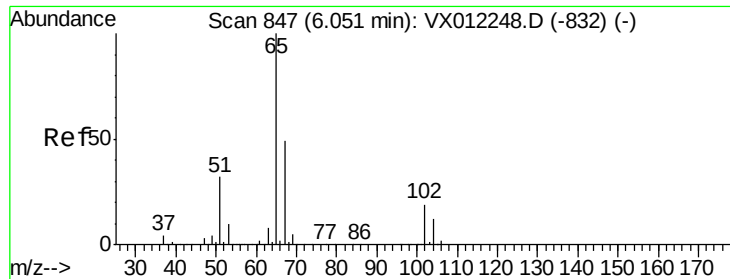
Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	97	Resp:	52743
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	46.6	35.4	53.0





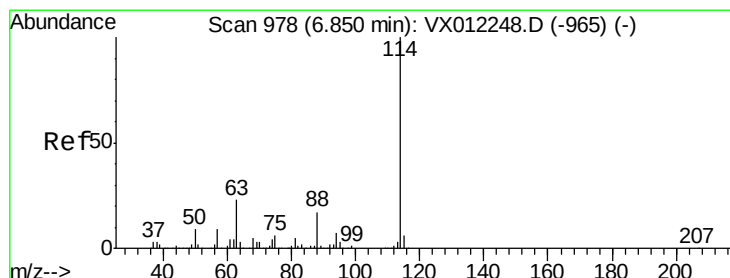
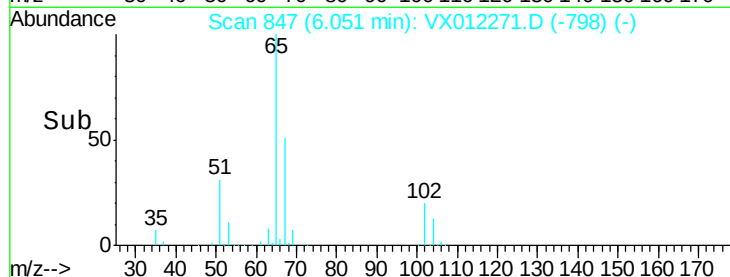
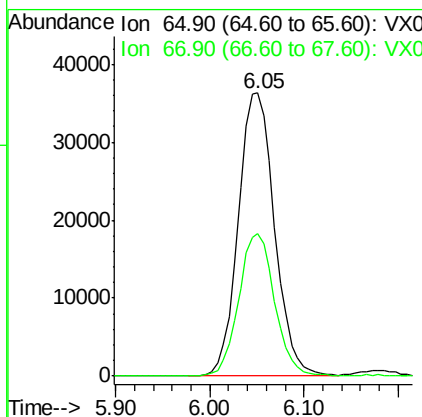
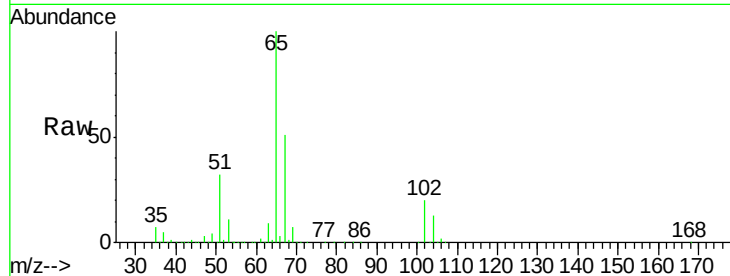
#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.8

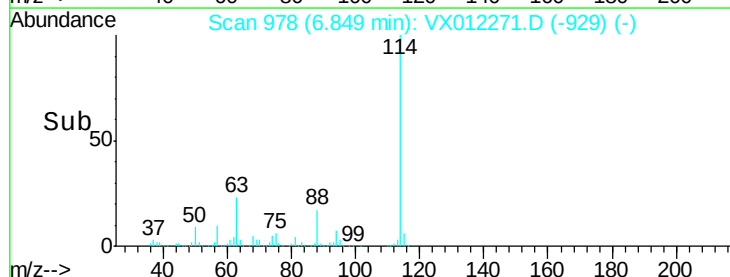
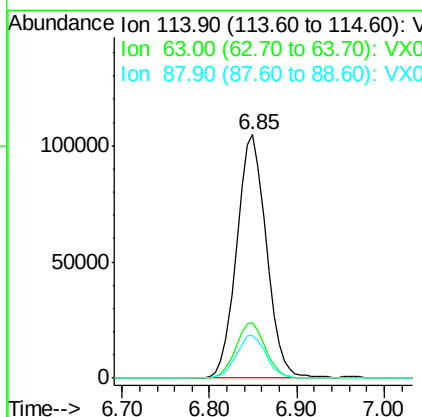
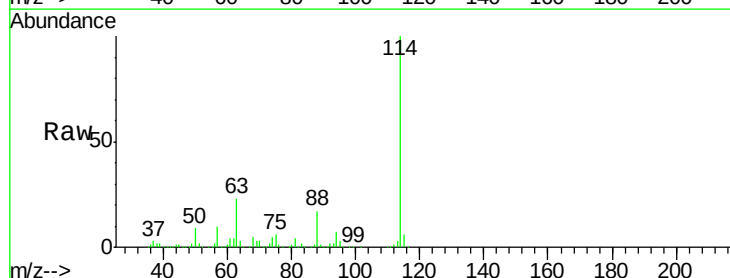
Manual Integrations
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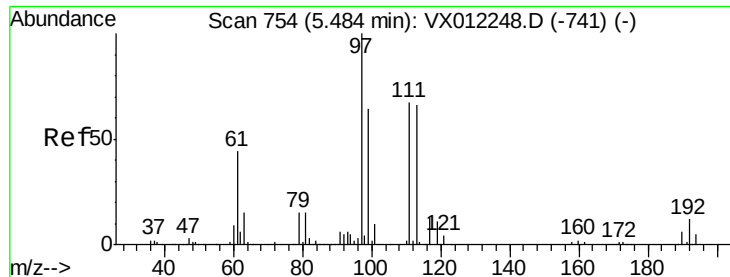
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.2
88	17.4	0.0	34.8





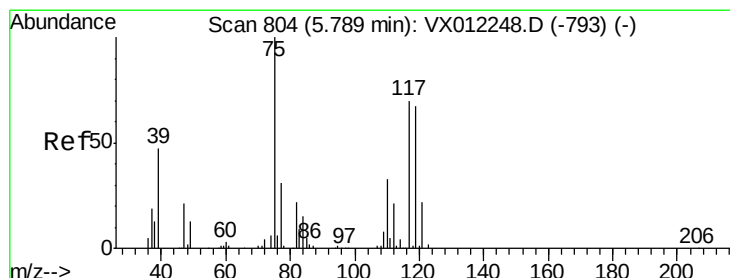
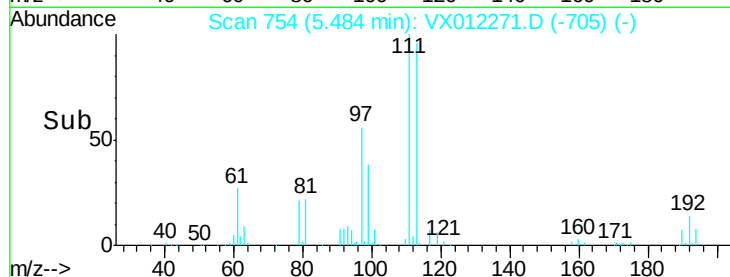
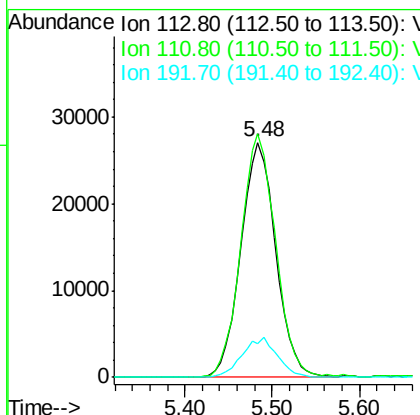
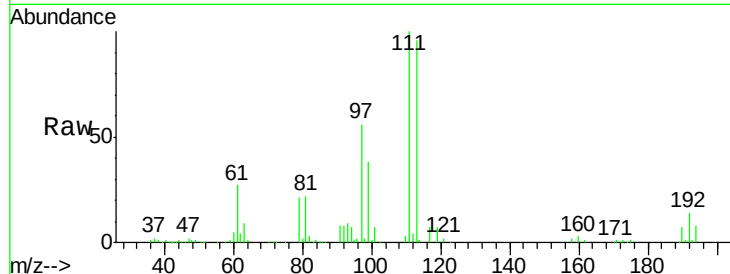
#35
 Dibromofluoromethane
 Concen: 47.386 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	75174		
111	103.5	83.0	124.6	
192	17.0	14.3	21.5	

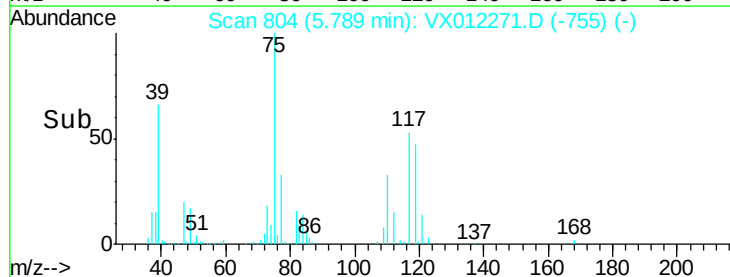
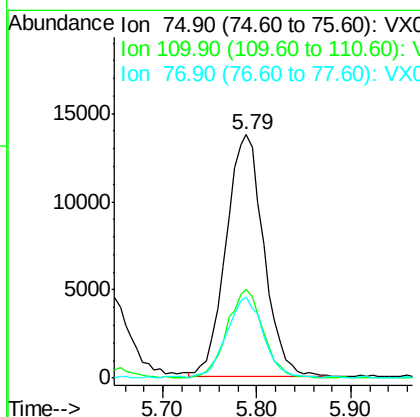
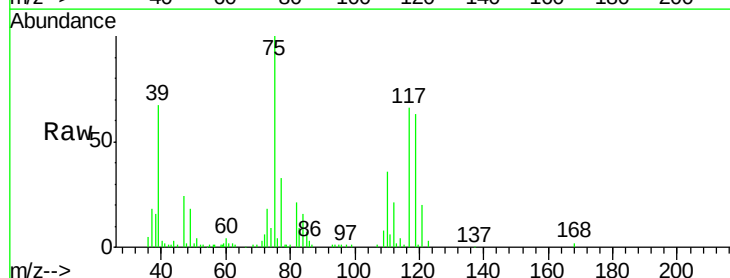
Manual Integrations
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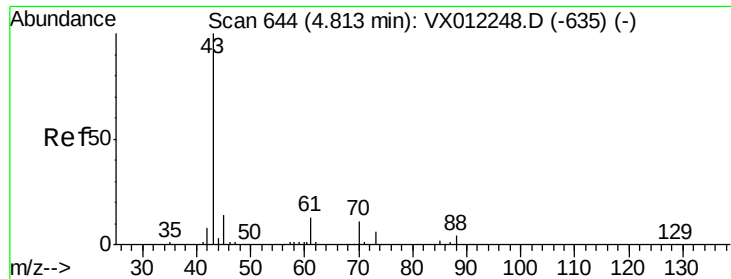
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#36
 1,1-Dichloropropene
 Concen: 21.193 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38243		
110	35.1	16.8	50.4	
77	32.2	24.5	36.7	





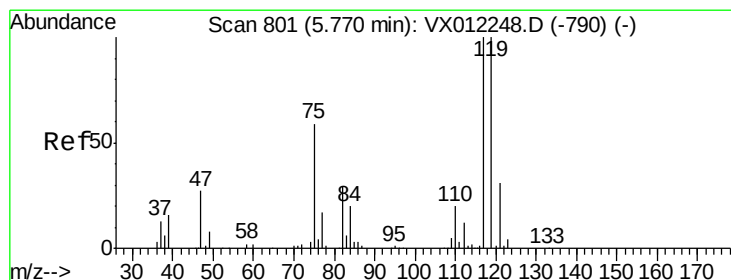
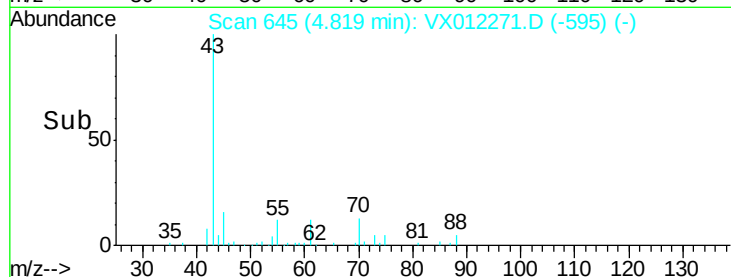
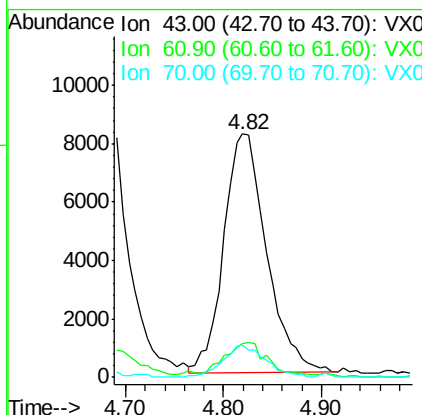
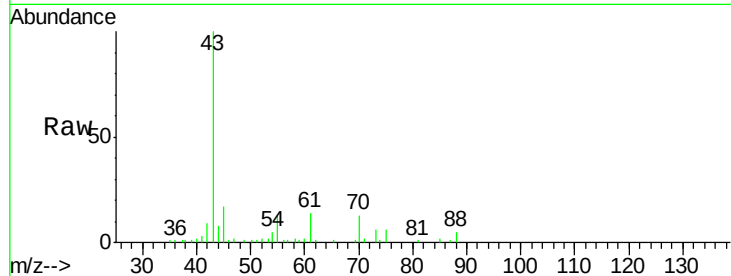
#37
Ethyl Acetate
Concen: 22.184 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	43	Resp	24746
Ion Ratio	100	Lower	Upper
43	100		
61	12.3	10.3	15.5
70	13.5	9.1	13.7

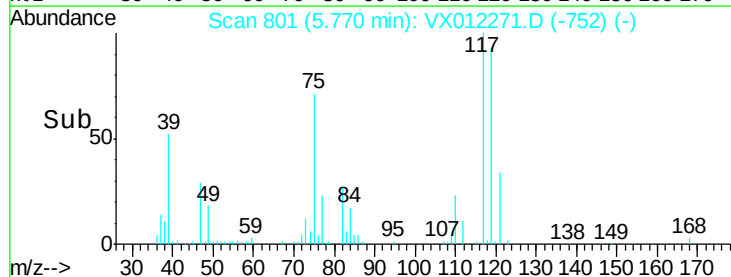
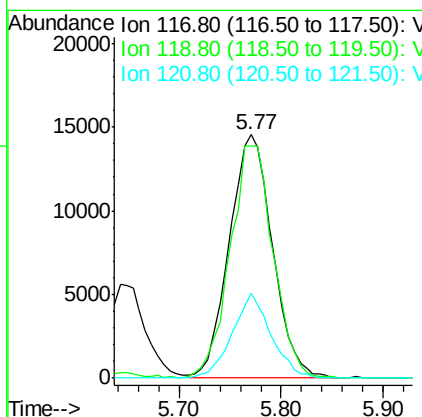
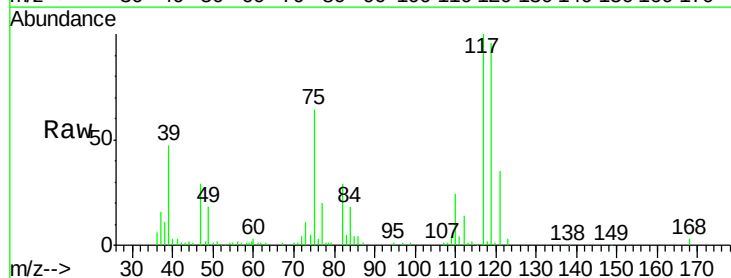
Manual Integrations
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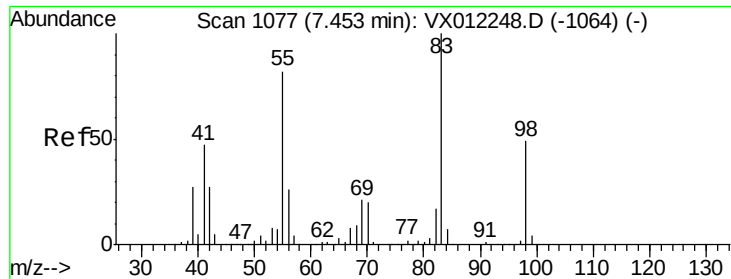
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#38
Carbon Tetrachloride
Concen: 20.190 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	117	Resp	42746
Ion Ratio	100	Lower	Upper
117	100		
119	95.5	79.6	119.4
121	34.7	24.7	37.1





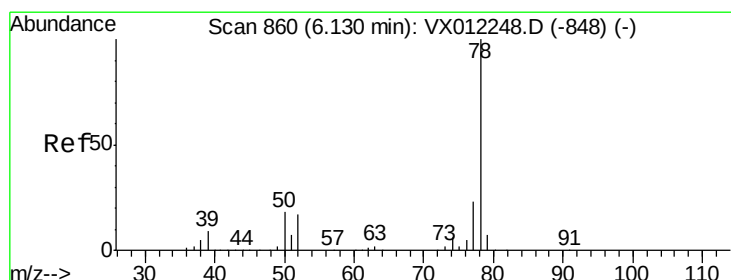
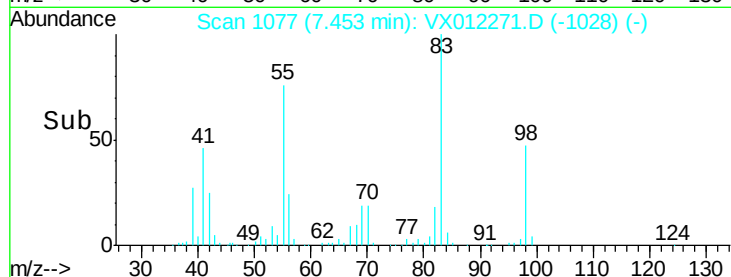
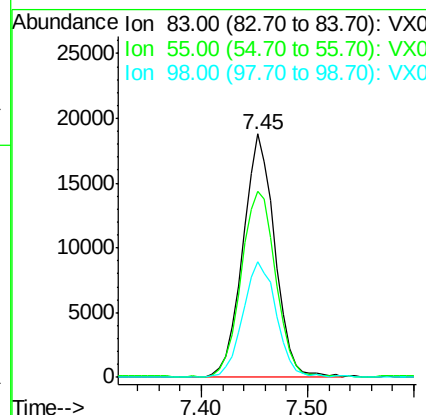
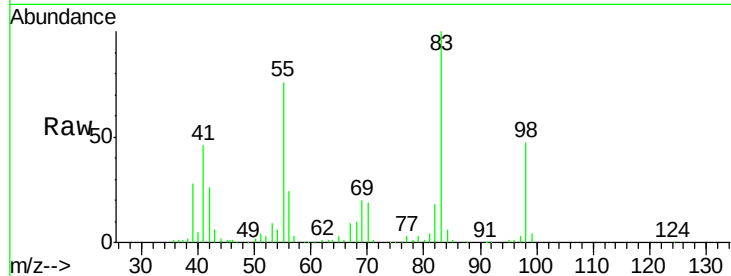
#39
Methylvlcyclohexane
Concen: 19.976 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	83	Resp	39559
Ion	Ratio	Lower	Upper
83	100		
55	76.0	65.4	98.2
98	47.2	39.6	59.4

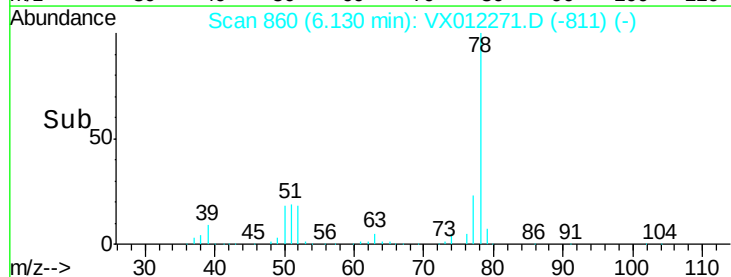
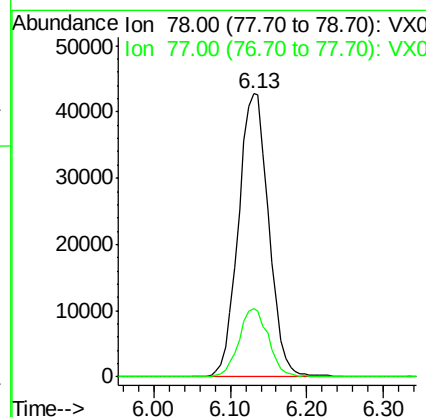
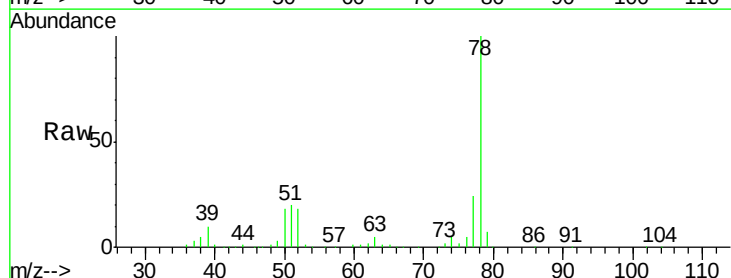
Manual Integrations
APPROVED

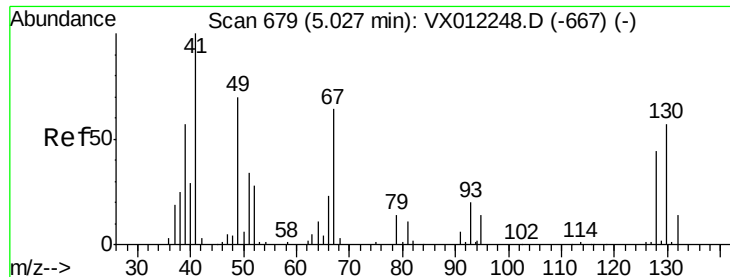
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#40
Benzene
Concen: 21.508 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	78	Resp	117462
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.0	27.0





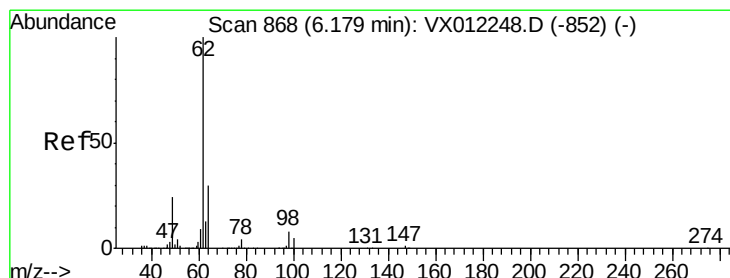
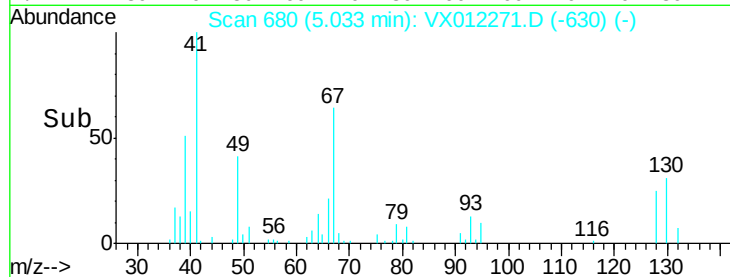
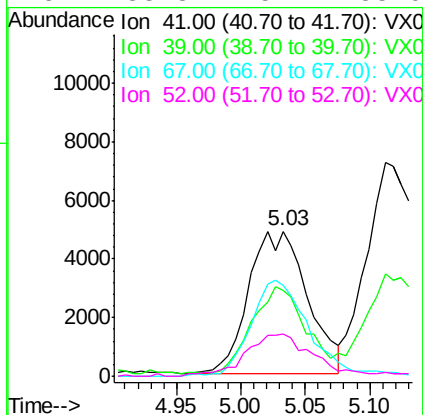
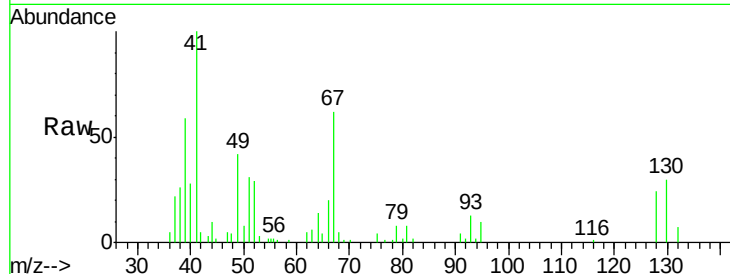
#41
Methacrylonitrile
Concen: 22.298 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

Tot Ion:	41	Resp:	15334
Ion	Ratio	Lower	Upper
41	100		
39	56.4	49.0	73.4
67	67.2	55.0	82.4
52	33.8	25.4	38.0

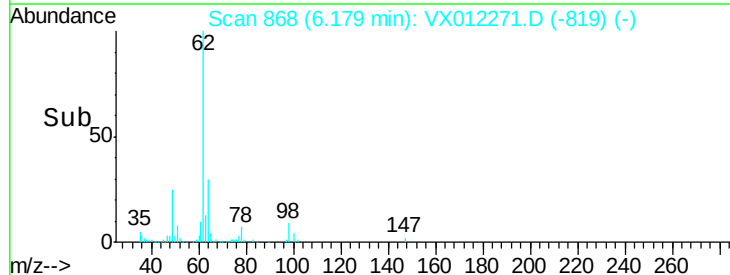
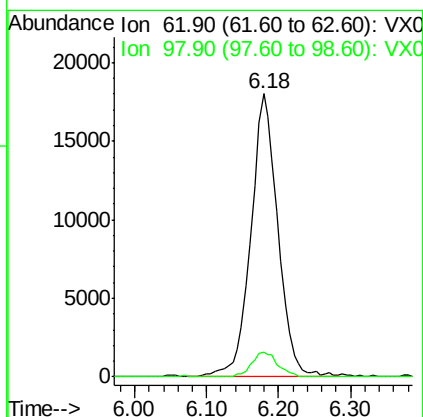
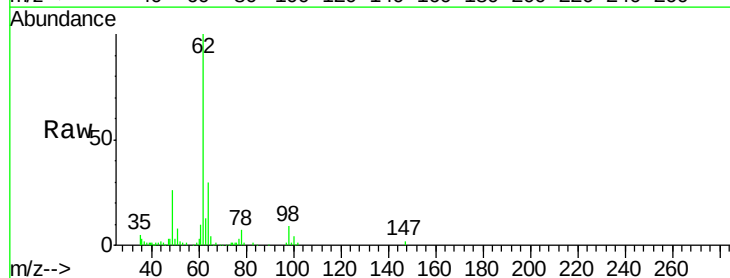
Manual Integrations
APPROVED

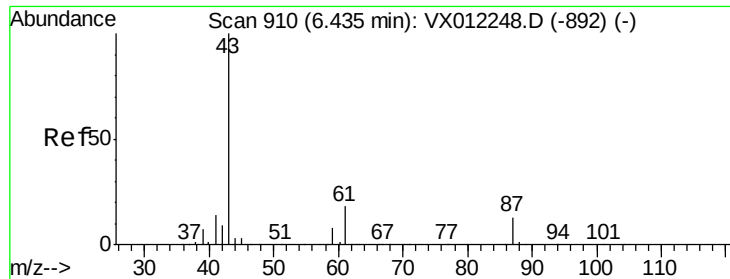
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#42
1,2-Dichloroethane
Concen: 21.860 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:	62	Resp:	47186
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.625 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

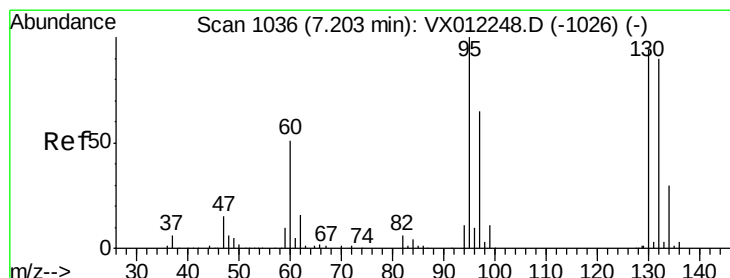
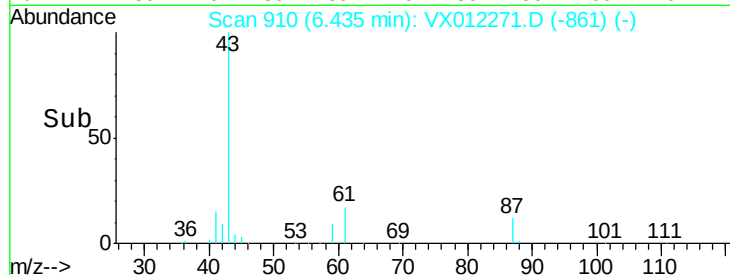
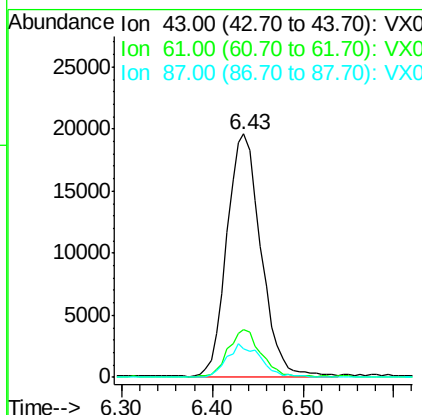
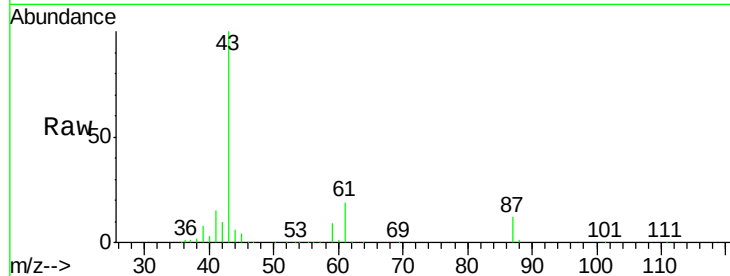
ClientSampleId :

VX0910SBS03

Tot Ion:	43	Resp:	50856
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	13.7	10.5	15.7

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#44

Trichloroethene

Concen: 20.975 ug/l

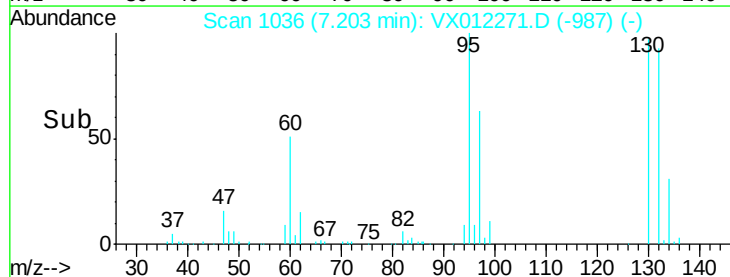
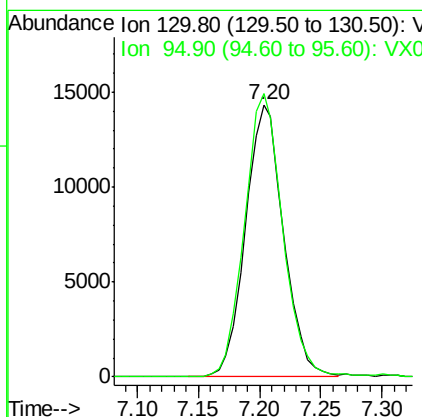
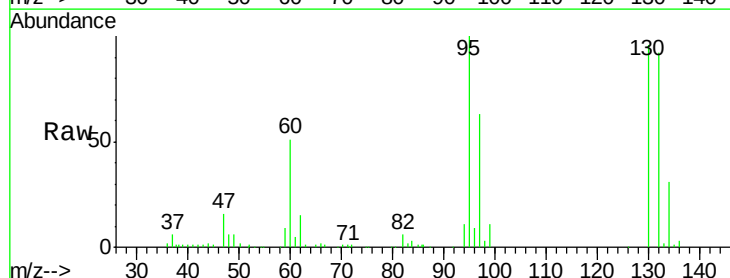
RT: 7.20 min Scan# 1036

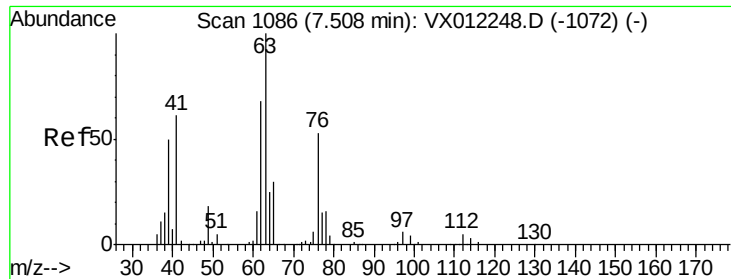
Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	130	Resp:	31001
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	212.0





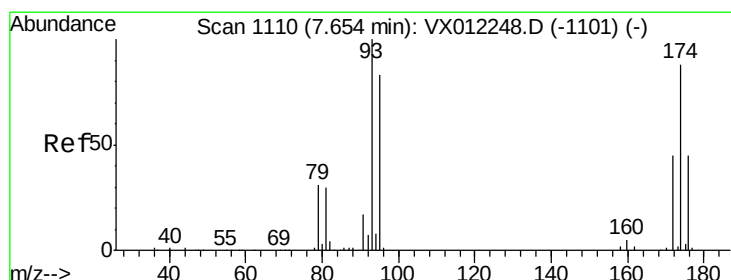
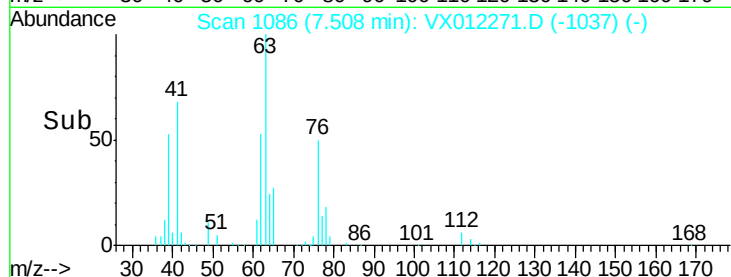
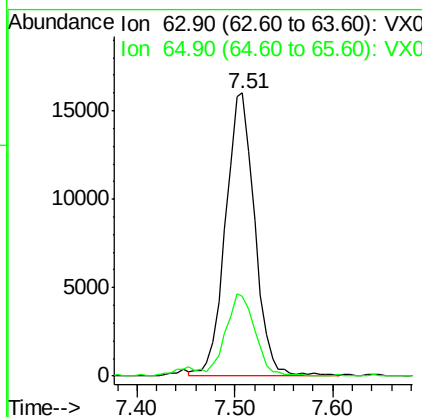
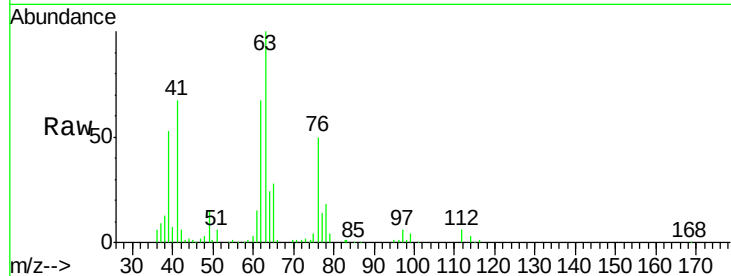
#45
 1,2-Dichloropropane
 Concen: 21.561 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.3	36.5

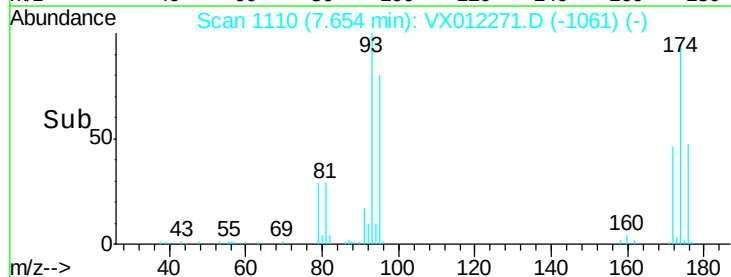
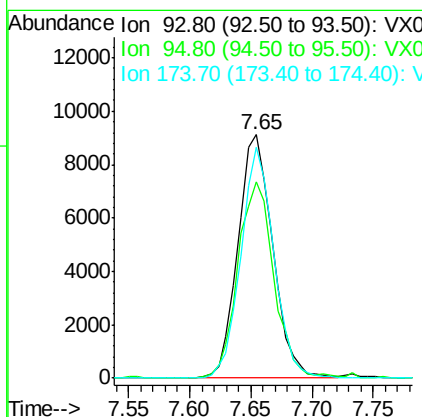
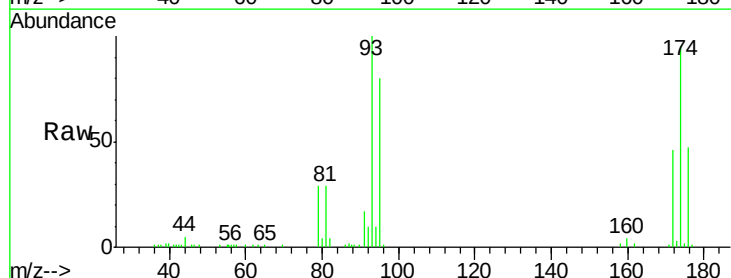
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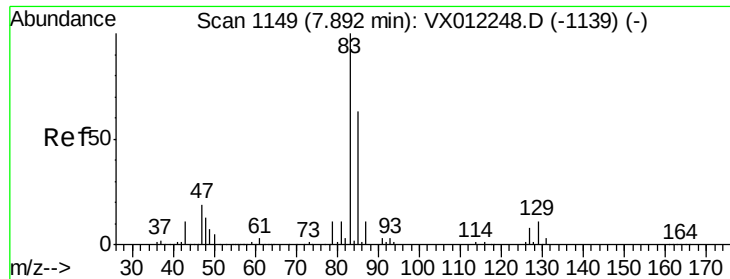
MMDadoda
 9/12/2019 8:59:37 AM



#46
 Dibromomethane
 Concen: 21.890 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.7	98.5
174	89.7	71.0	106.4





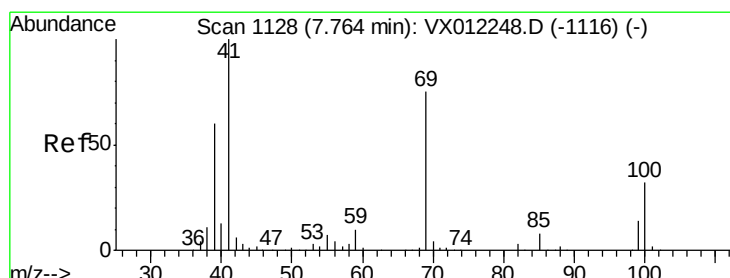
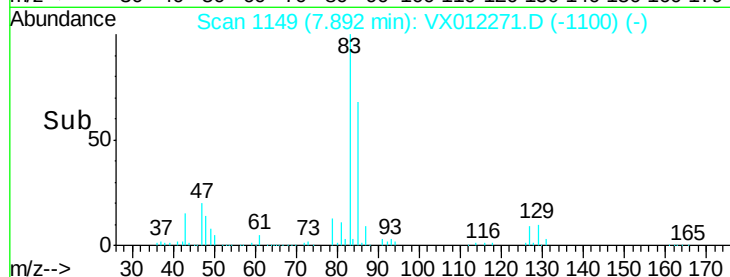
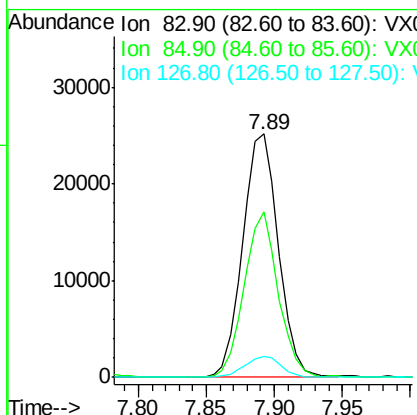
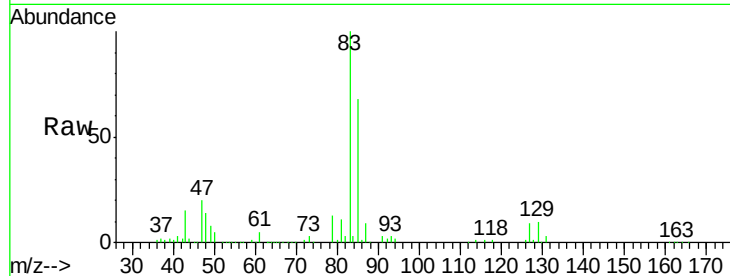
#47
Bromodichloromethane
Concen: 20.545 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	83	Resp	46323
Ion Ratio	100	Lower	Upper
83	100		
85	68.2	50.2	75.4
127	8.8	6.3	9.5

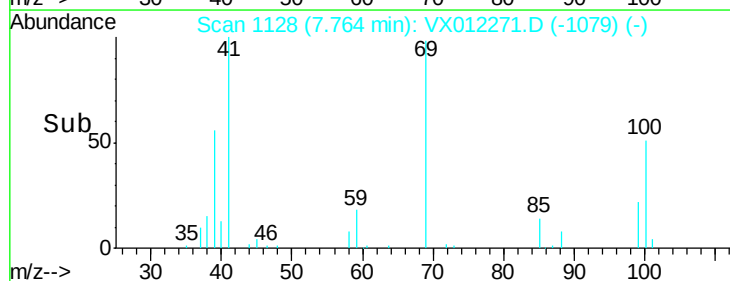
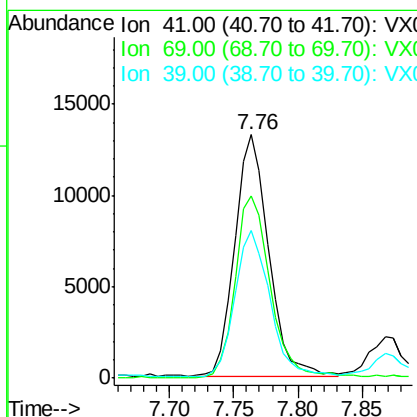
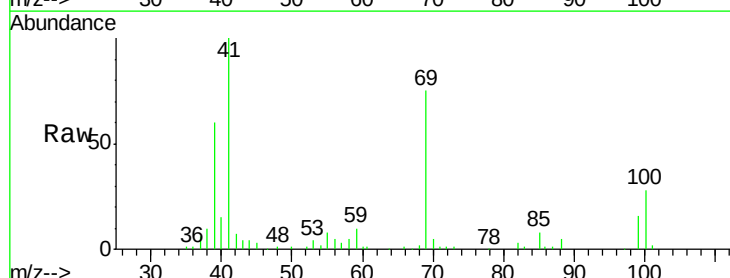
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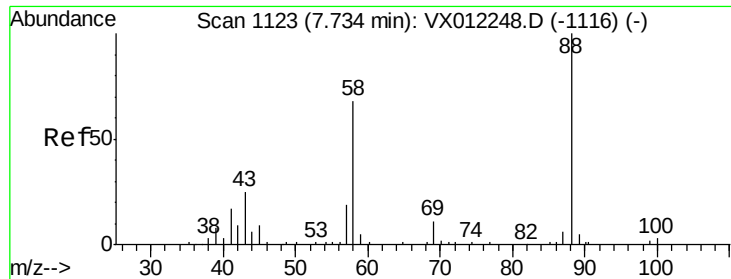
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#48
Methyl methacrylate
Concen: 21.421 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	41	Resp	24113
Ion Ratio	100	Lower	Upper
41	100		
69	78.8	61.8	92.6
39	63.4	48.6	73.0





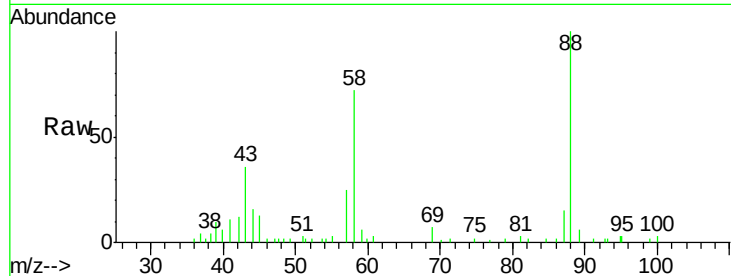
#49
1,4-Dioxane
Concen: 481.635 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

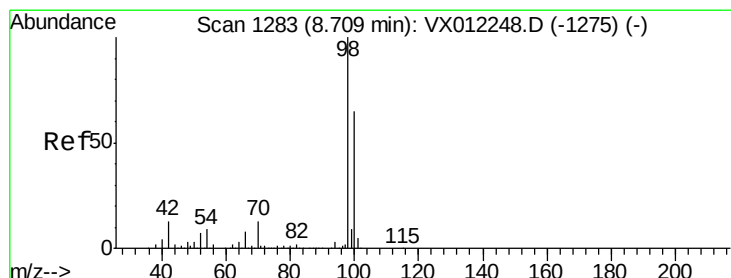
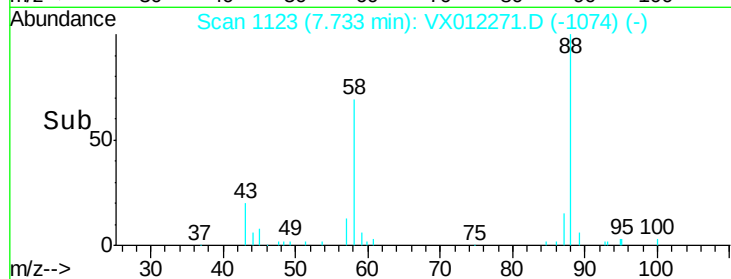
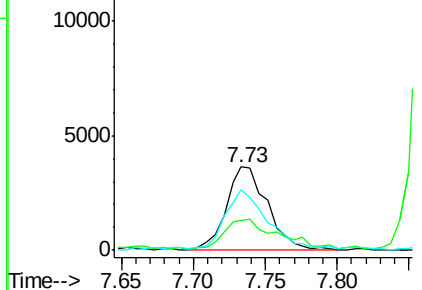
Tot Ion	Ratio	Lower	Upper
88	100		
43	51.0	31.0	46.4#
58	71.7	61.5	92.3

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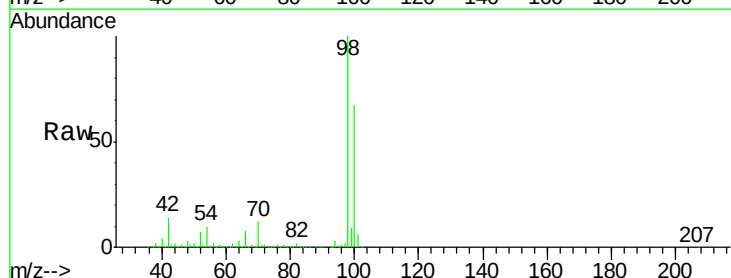


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

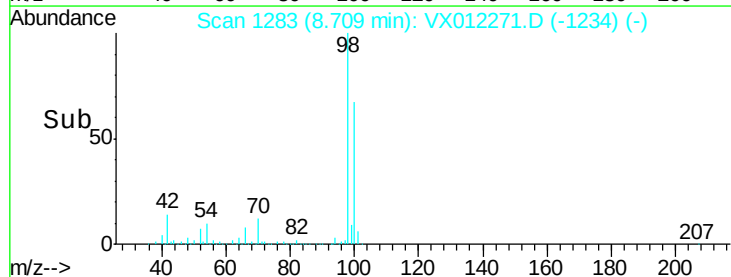
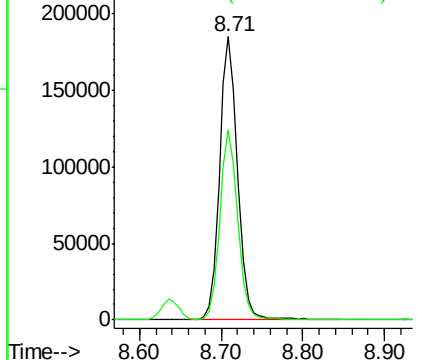


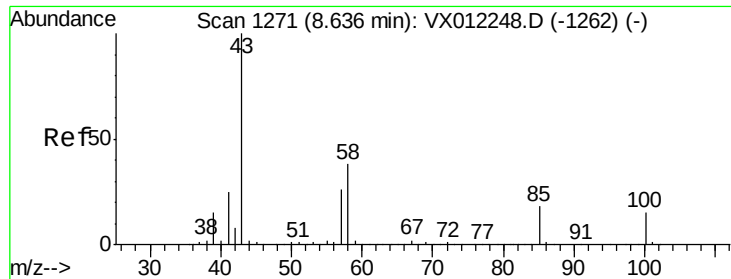
#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.1	81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.841 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 43 Resp: 132612

Ion Ratio Lower Upper

43 100

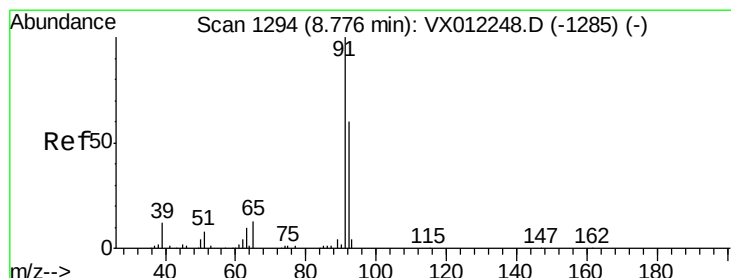
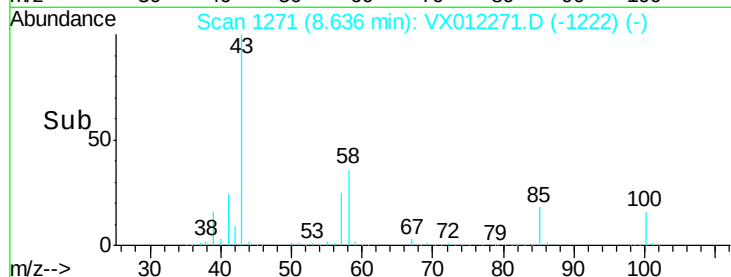
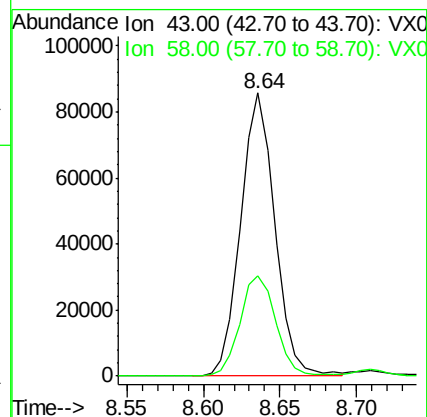
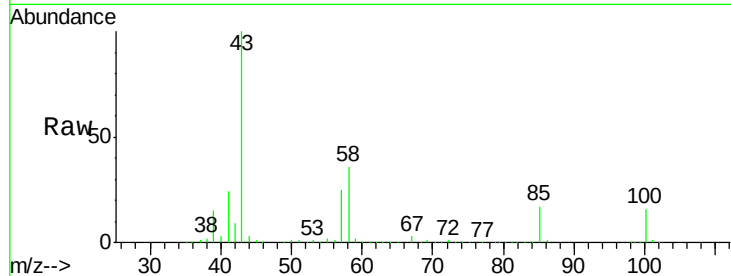
58 37.1 30.1 45.1

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#52

Toluene

Concen: 21.445 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012271.D

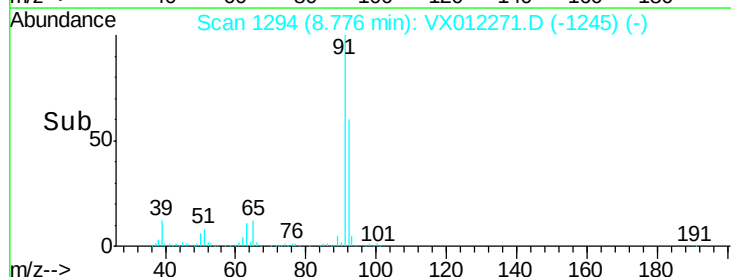
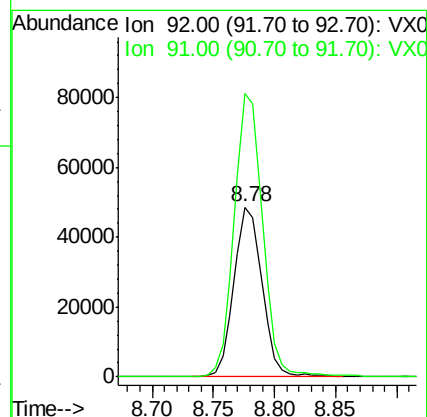
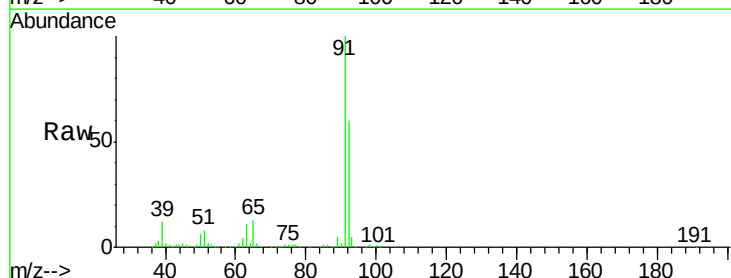
Acq: 10 Sep 2019 23:23

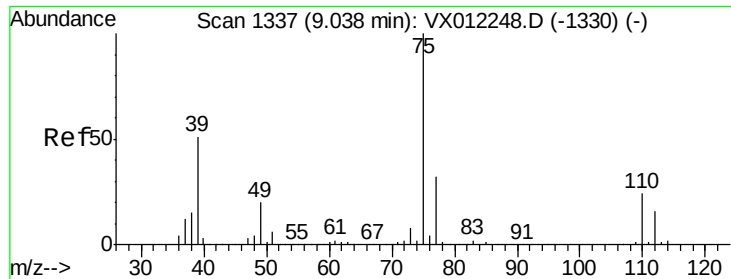
Tgt Ion: 92 Resp: 77359

Ion Ratio Lower Upper

92 100

91 169.3 133.6 200.4





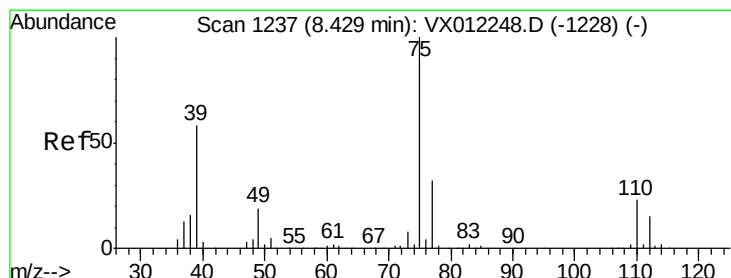
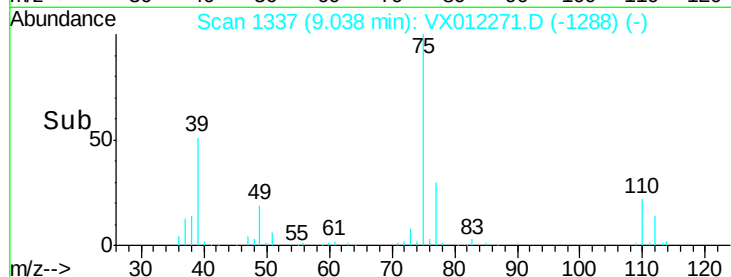
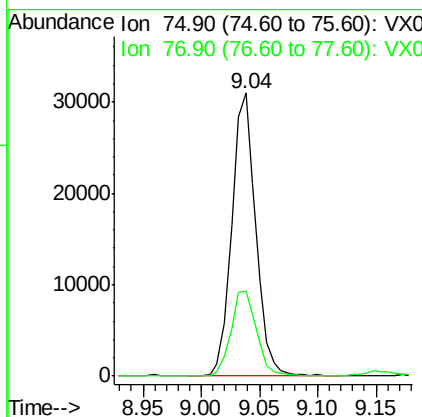
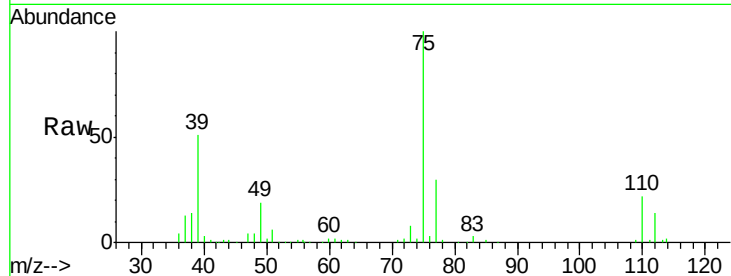
#53
 t-1,3-Dichloropropene
 Concen: 19.628 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion: 75 Resp: 44172
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.8 38.6

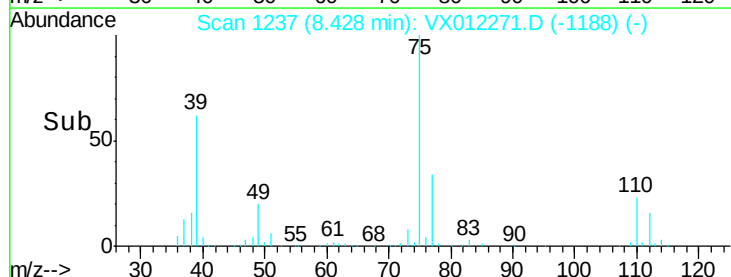
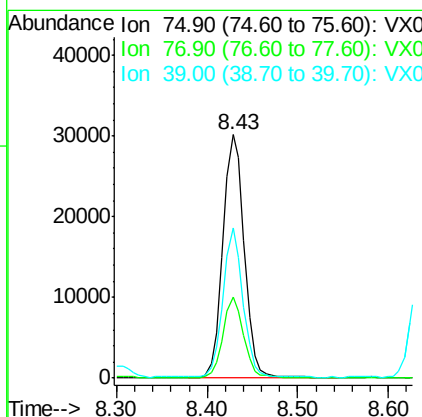
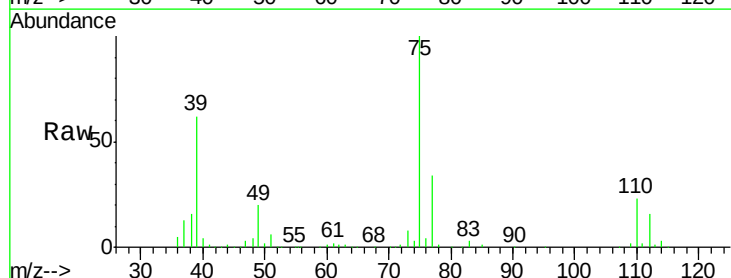
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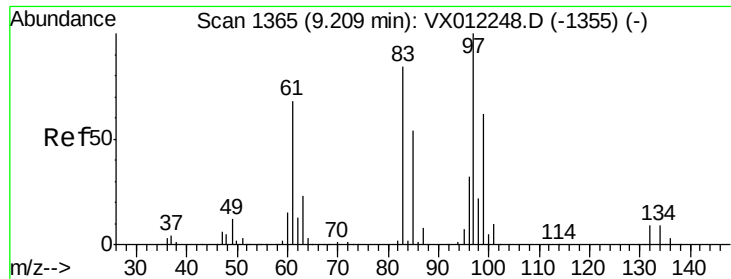
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#54
 cis-1,3-Dichloropropene
 Concen: 19.975 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 75 Resp: 49846
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.2
 39 61.6 46.5 69.7





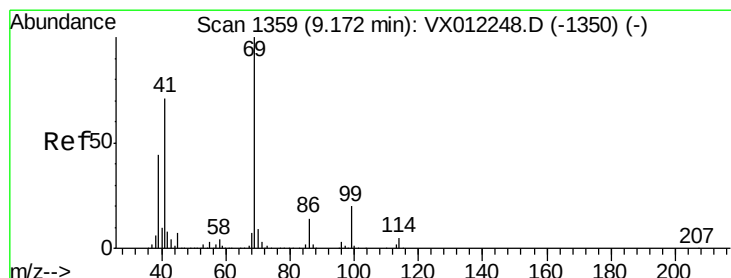
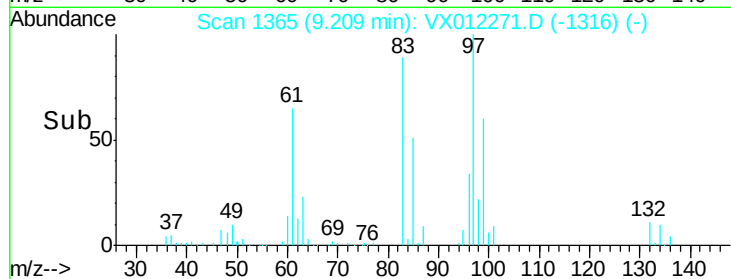
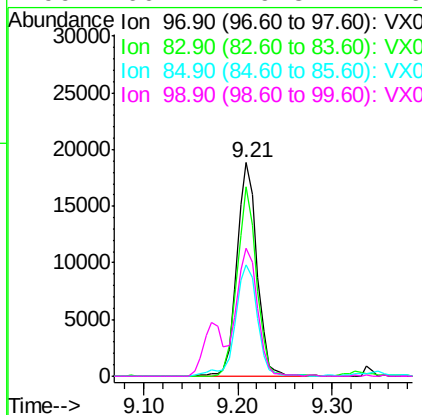
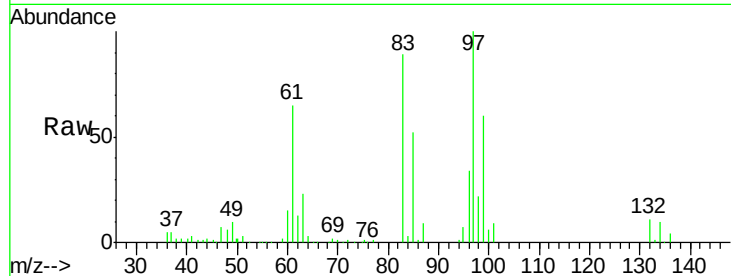
#55
 1,1,2-Trichloroethane
 Concen: 21.804 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	97	Resp	27909
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.4	101.2
85	52.1	43.4	65.2
99	60.2	49.8	74.6

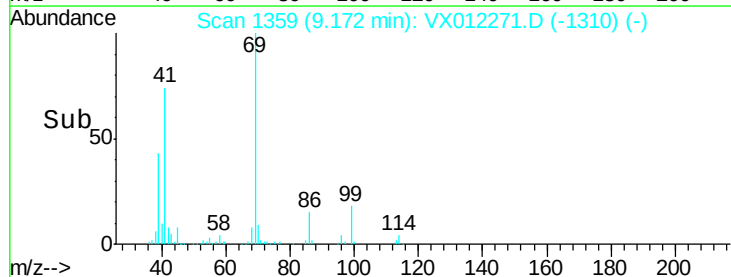
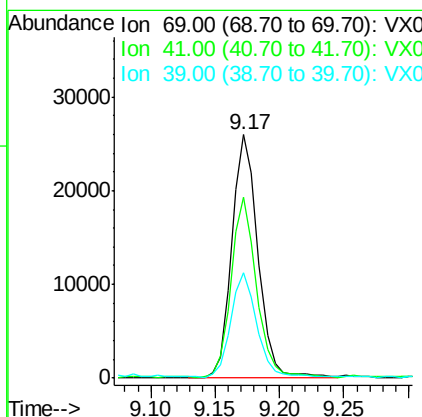
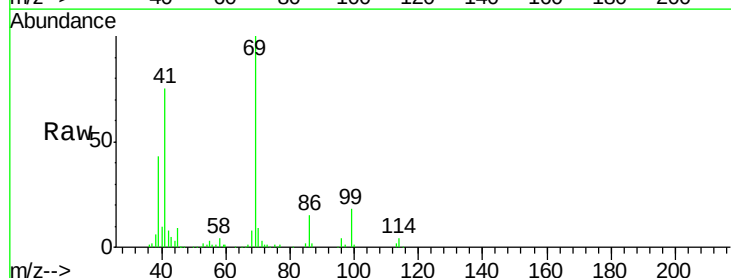
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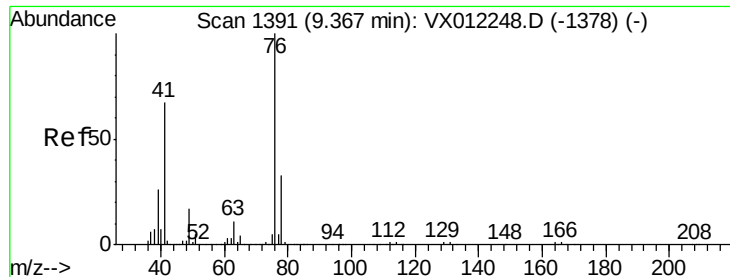
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#56
 Ethyl methacrylate
 Concen: 21.396 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	69	Resp	37081
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.7	86.5
39	42.2	34.0	51.0





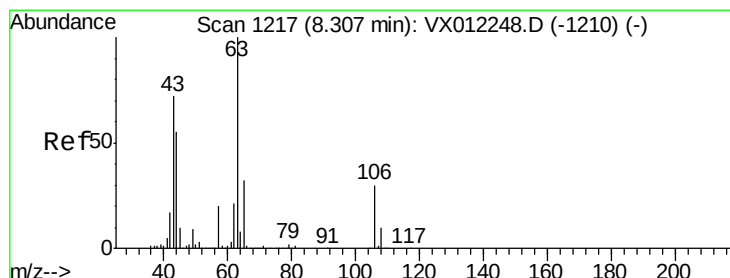
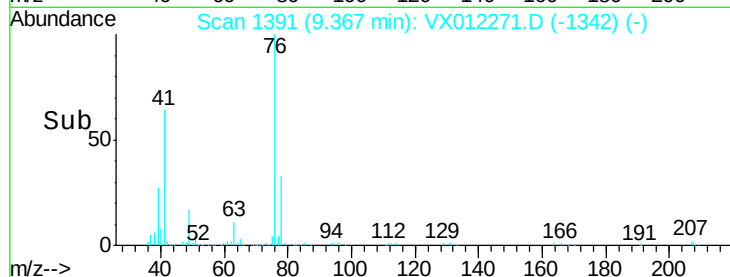
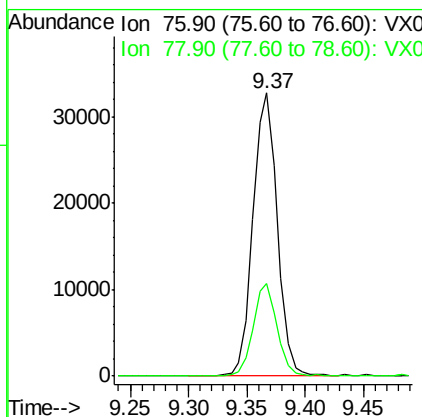
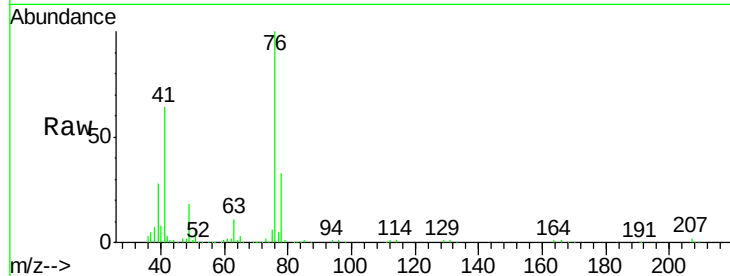
#57
 1,3-Dichloropropane
 Concen: 21.865 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

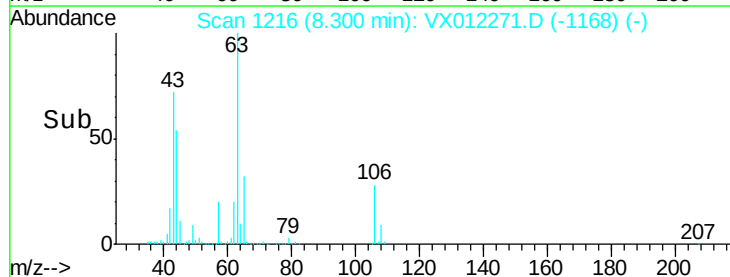
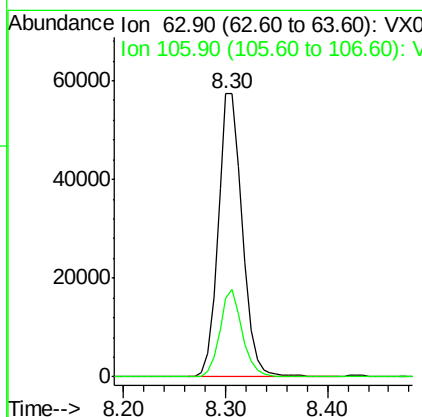
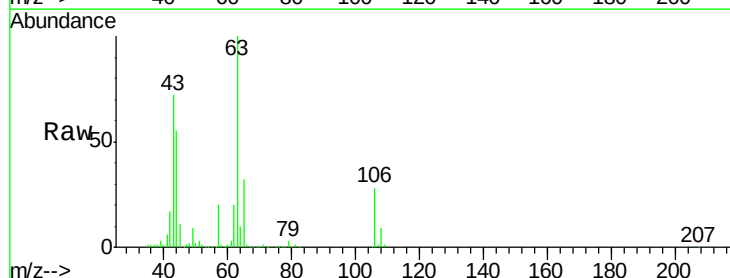
Manual Integrations
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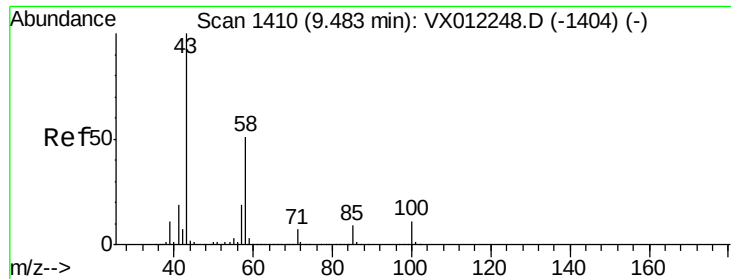
MMDadoda
 9/12/2019 8:59:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.541 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.4	35.2





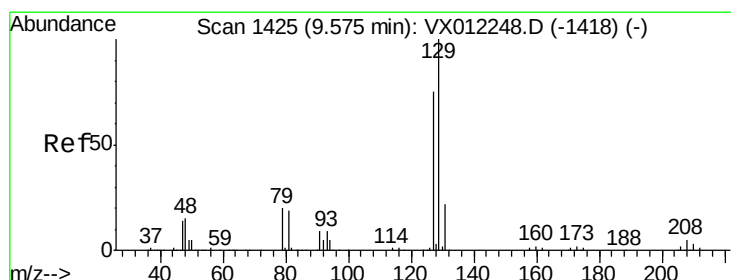
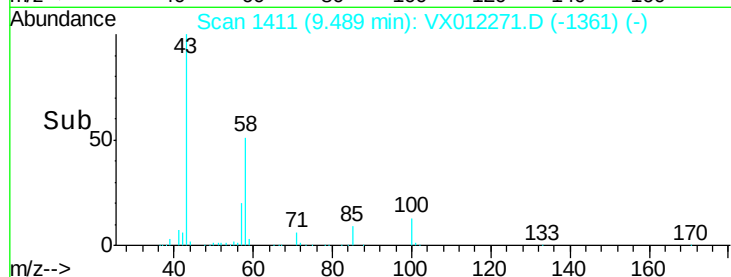
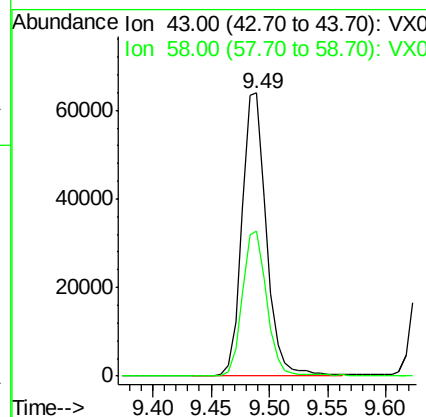
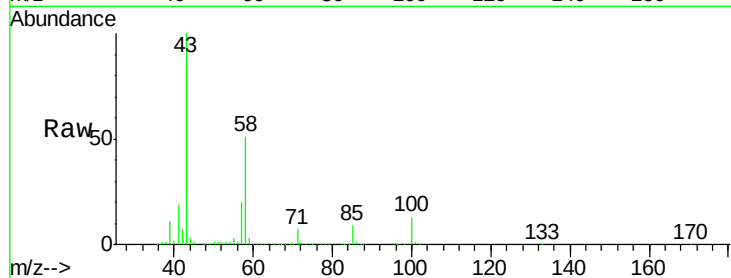
#59
2-Hexanone
Concen: 107.956 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 43 Resp: 93168
Ion Ratio Lower Upper
43 100
58 52.2 25.8 77.3

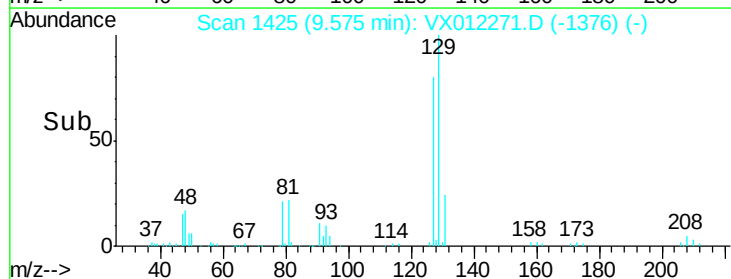
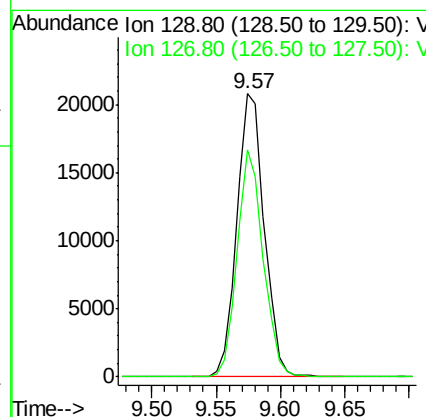
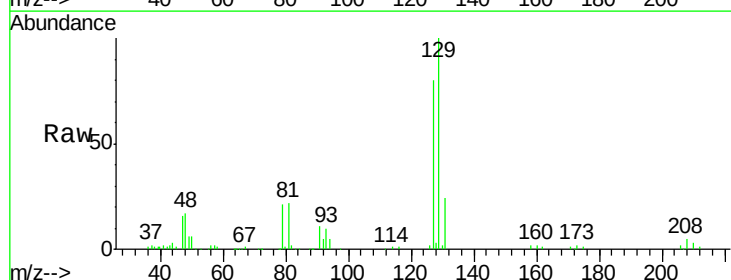
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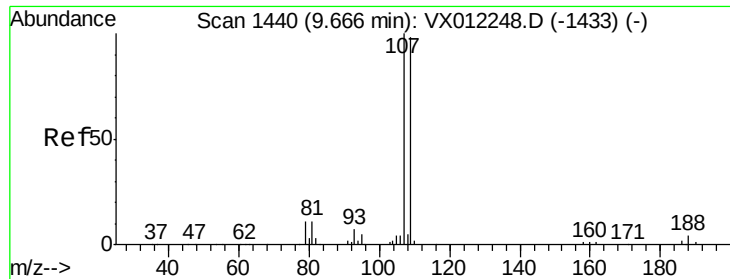
MMDadoda
9/12/2019 8:59:37 AM



#60
Dibromochloromethane
Concen: 20.619 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 129 Resp: 30812
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.817 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:107 Resp: 25995

Ion Ratio Lower Upper

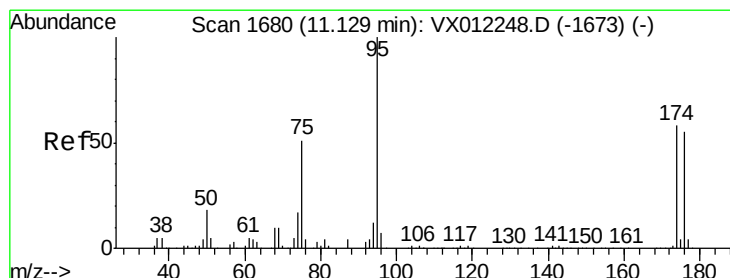
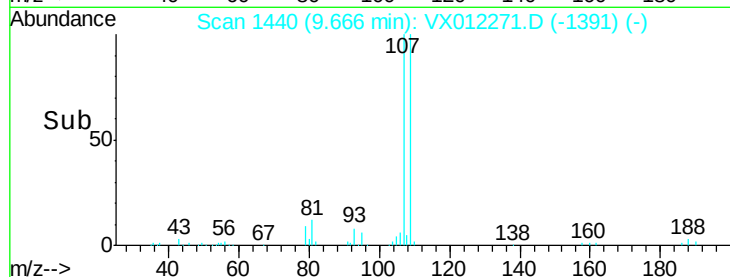
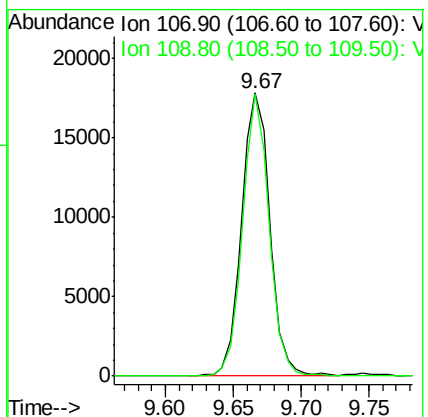
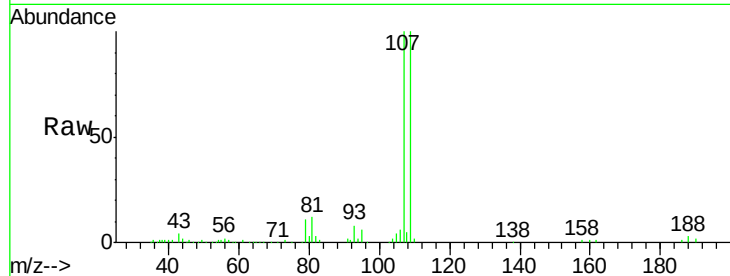
107 100

109 93.0 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 47.102 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

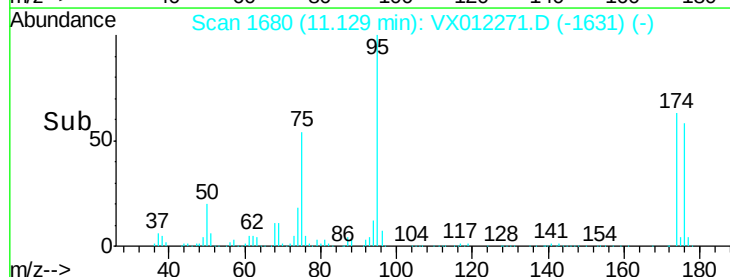
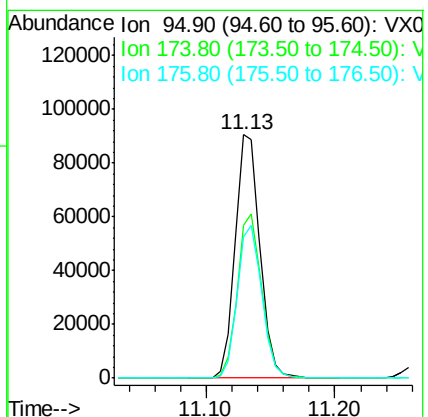
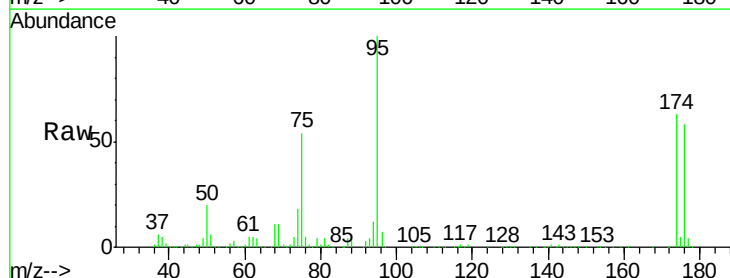
Tgt Ion: 95 Resp: 121503

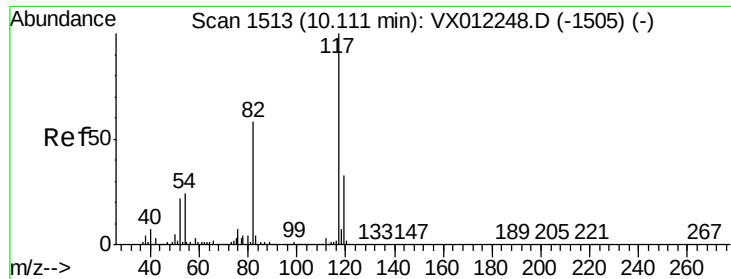
Ion Ratio Lower Upper

95 100

174 66.0 0.0 127.0

176 61.9 0.0 125.8





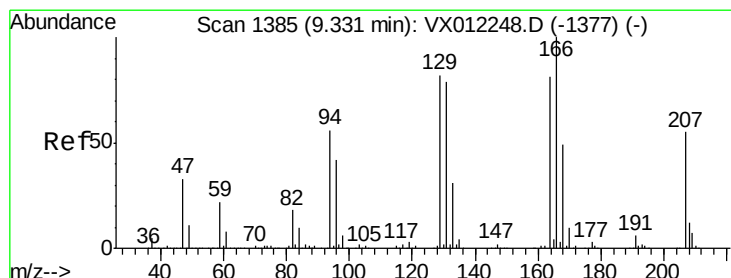
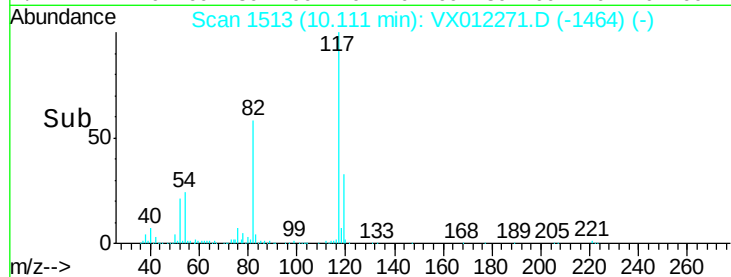
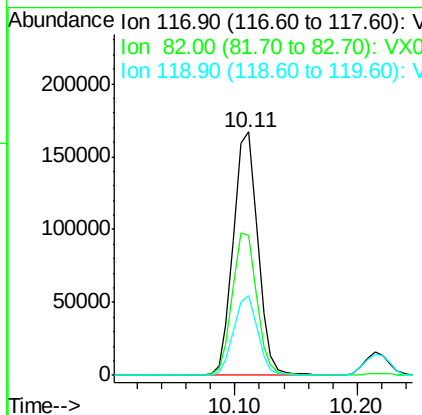
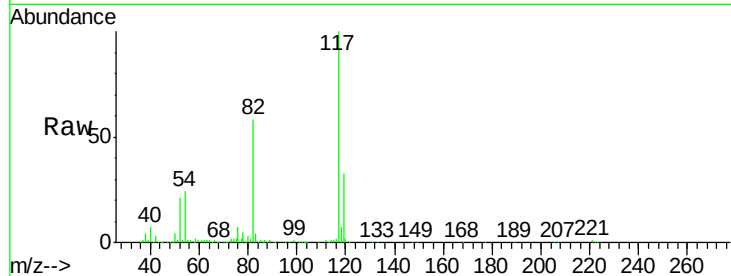
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	232329		
82	57.6	46.4	69.6	
119	32.8	26.6	39.8	

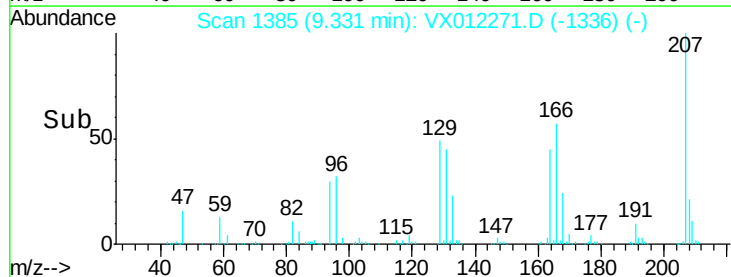
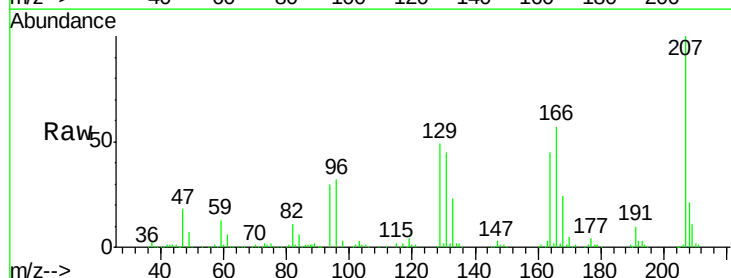
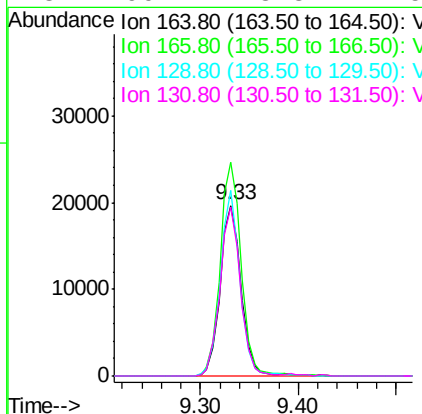
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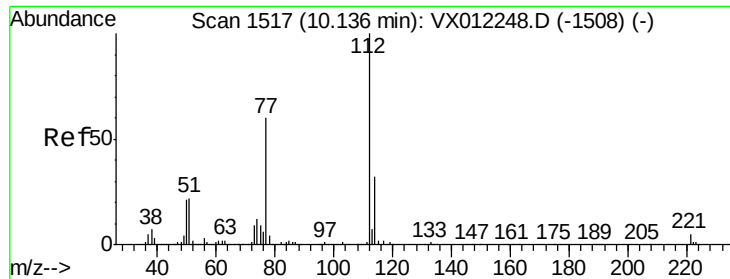
MMDadoda
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#64
Tetrachloroethene
Concen: 23.726 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	29152		
166	125.1	99.4	149.0	
129	108.5	81.8	122.8	
131	99.1	78.3	117.5	





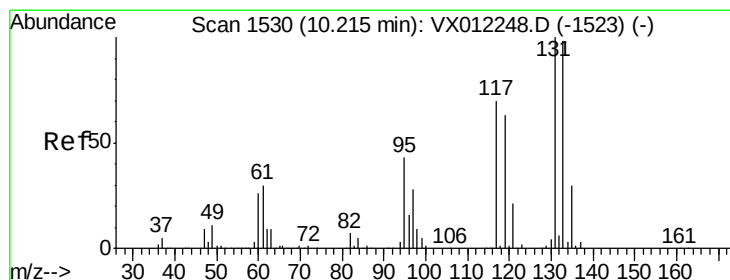
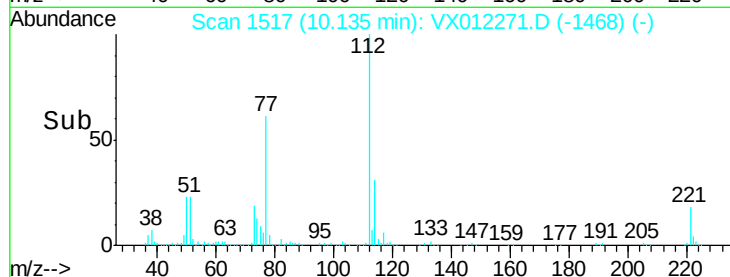
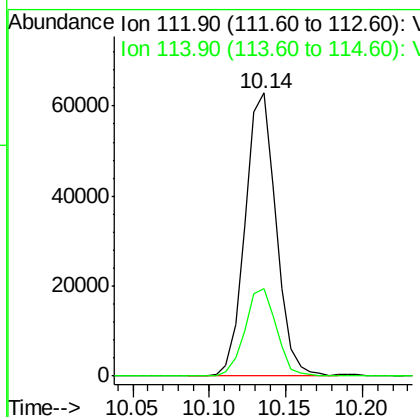
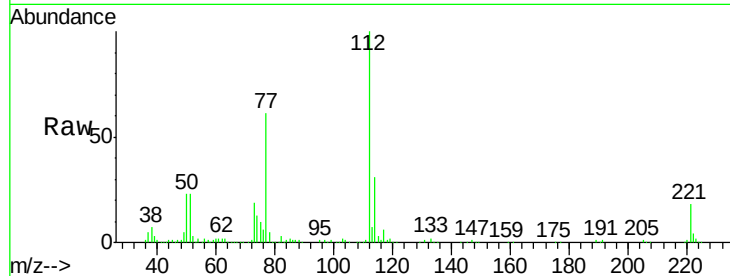
#65
Chlorobenzene
Concen: 20.814 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.4	38.0

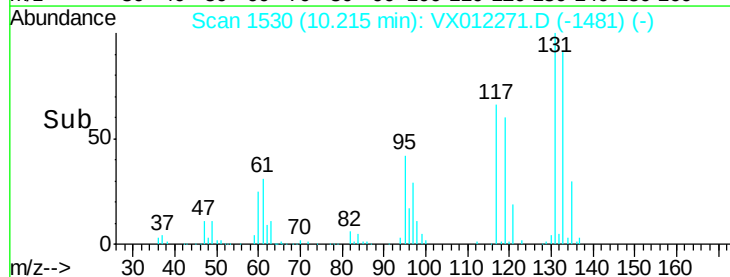
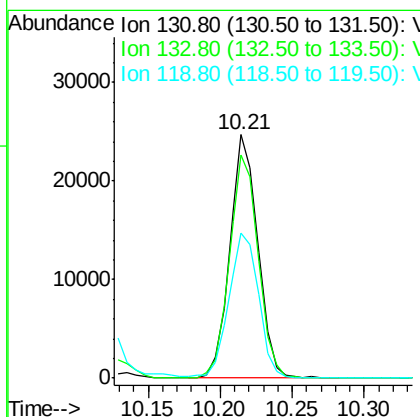
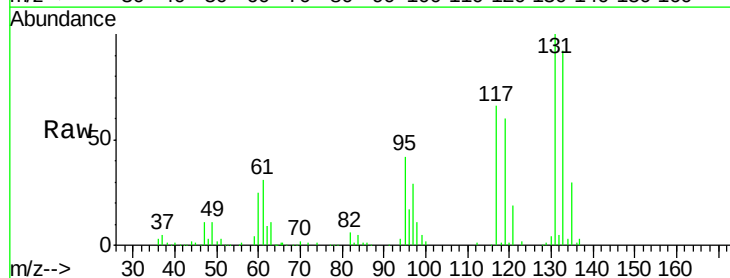
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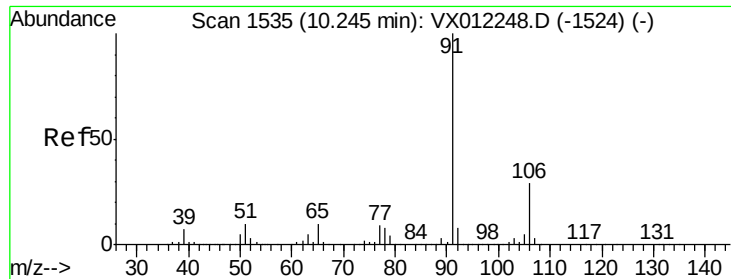
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.061 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.0	144.2
119	63.3	31.6	95.0





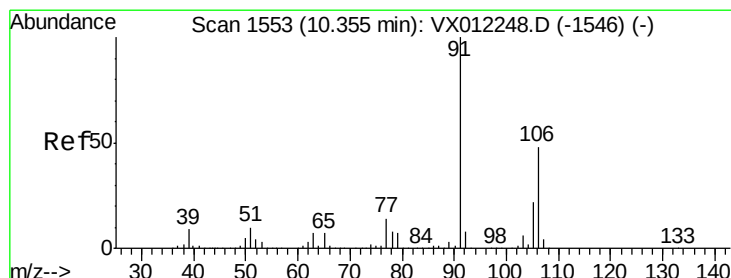
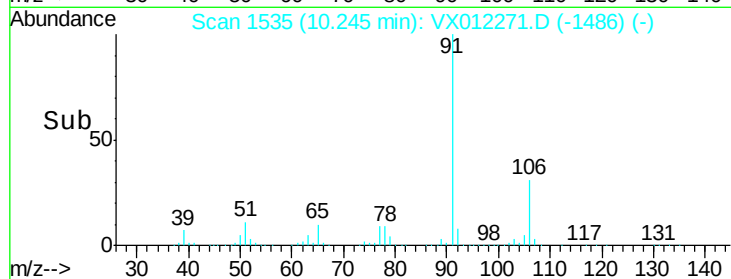
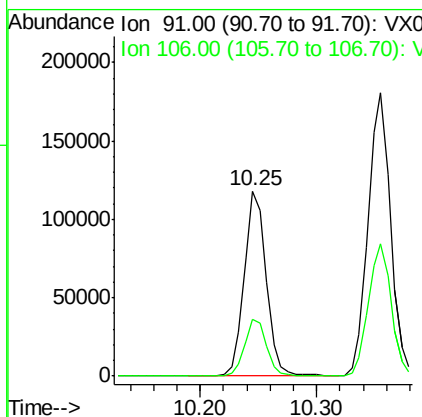
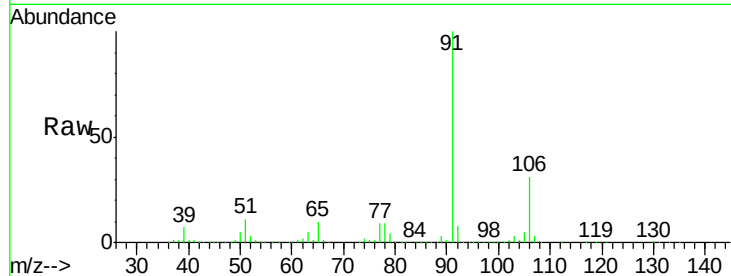
#67
Ethyl Benzene
Concen: 20.776 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion: 91 Resp: 156860
Ion Ratio Lower Upper
91 100
106 30.6 23.1 34.7

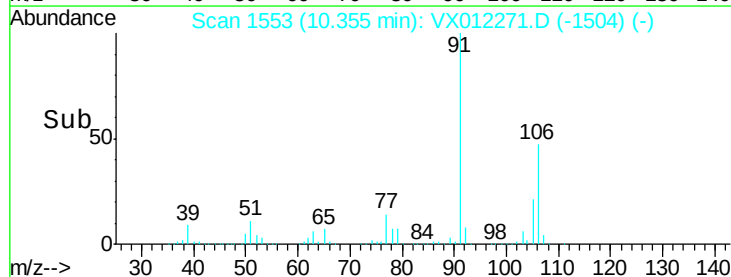
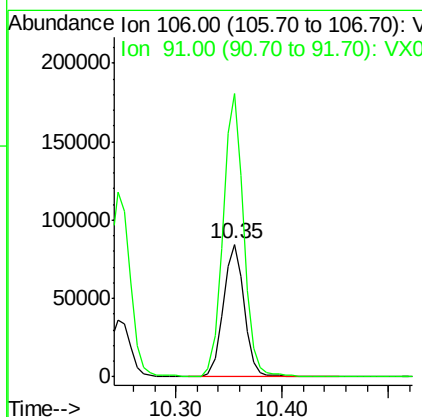
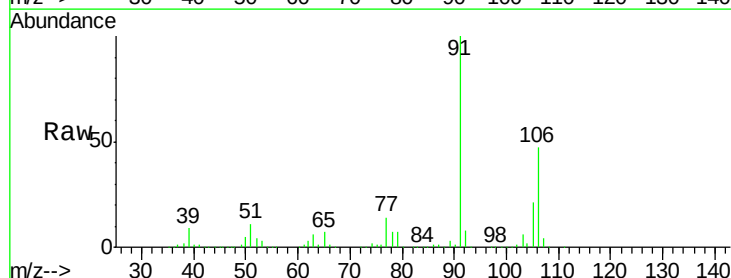
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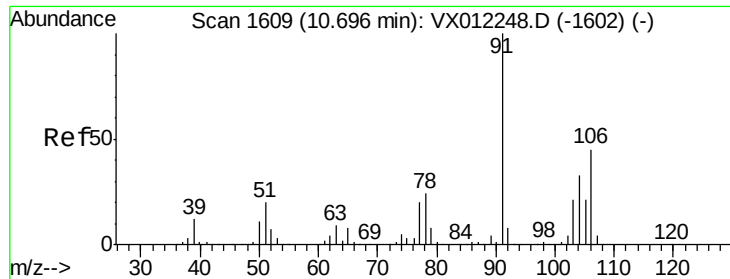
MMDadoda
9/12/2019 8:59:37 AM



#68
m/p-Xylenes
Concen: 41.864 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 106 Resp: 116354
Ion Ratio Lower Upper
106 100
91 209.0 167.0 250.6





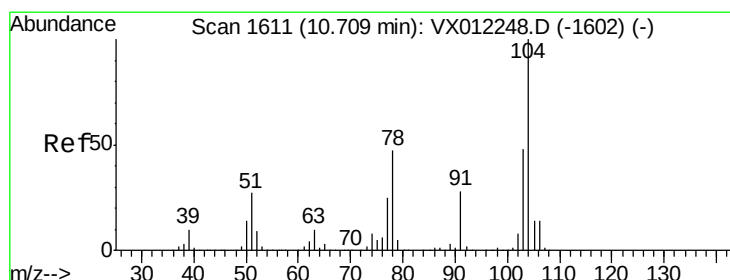
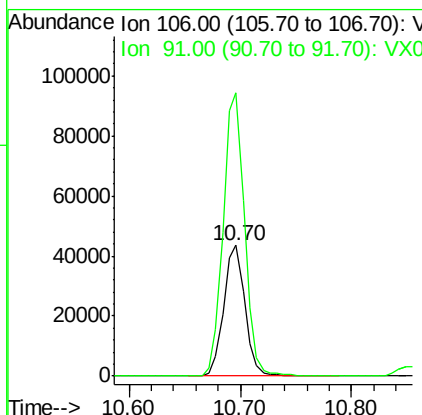
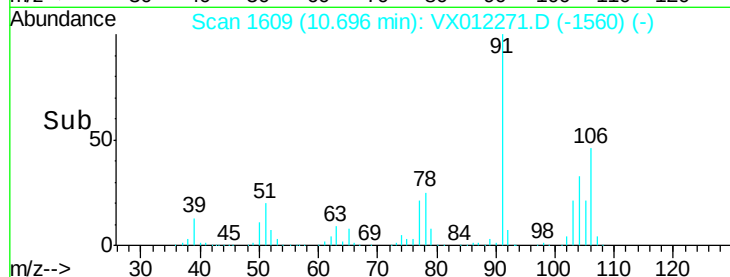
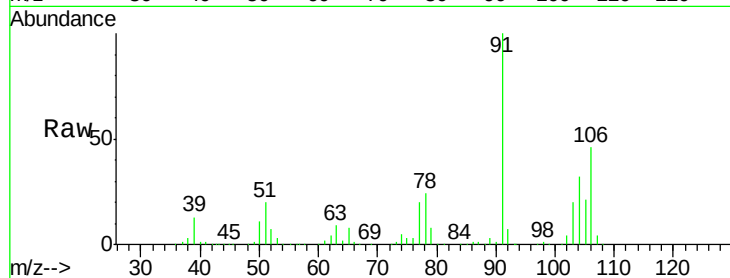
#69
o-Xylene
Concen: 21.071 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion:106 Resp: 57370
Ion Ratio Lower Upper
106 100
91 218.0 110.5 331.4

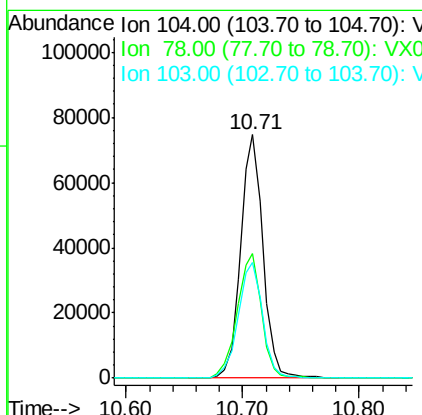
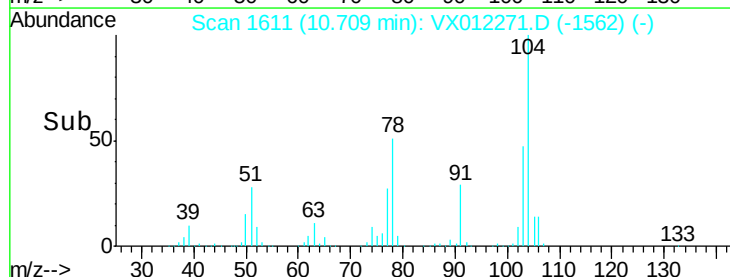
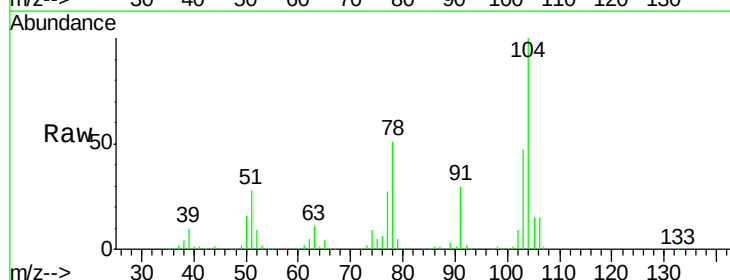
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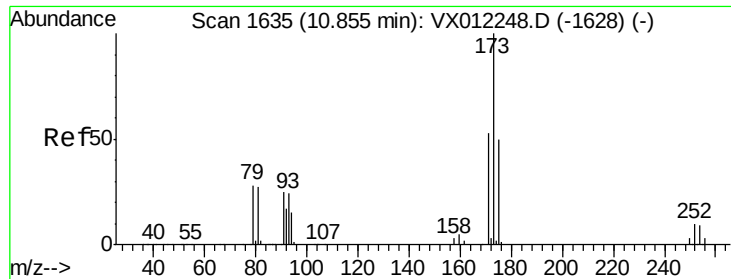
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#70
Styrene
Concen: 20.708 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:104 Resp: 99991
Ion Ratio Lower Upper
104 100
78 56.0 44.2 66.2
103 52.2 42.5 63.7





#71

Bromoform

Concen: 19.924 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD03

Tot Ion:173 Resp: 16533

Ion Ratio Lower Upper

173 100

175 47.7 24.5 73.5

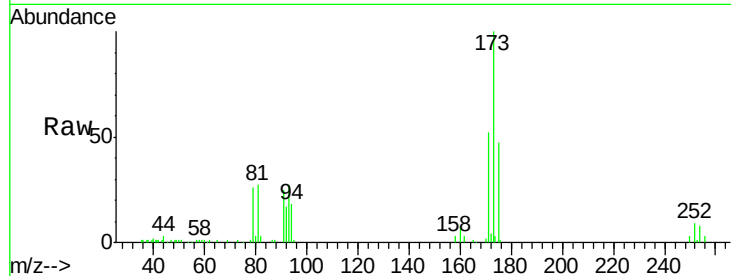
254 0.0 0.2 0.4#

Manual Integrations

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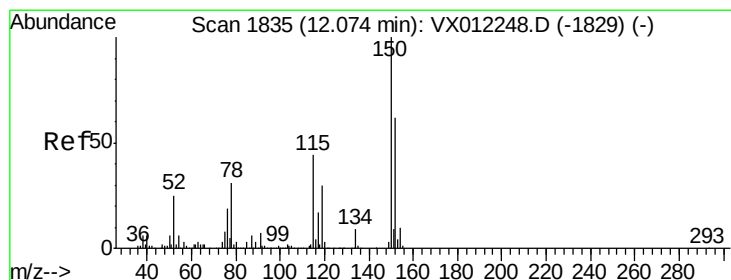
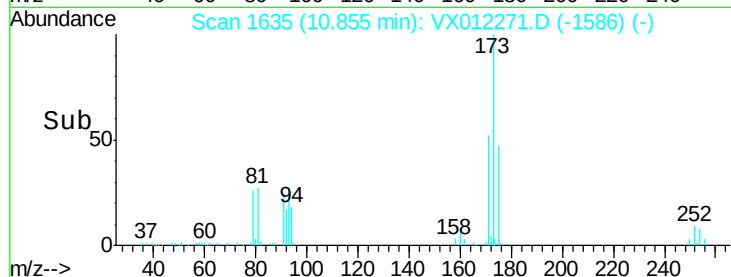
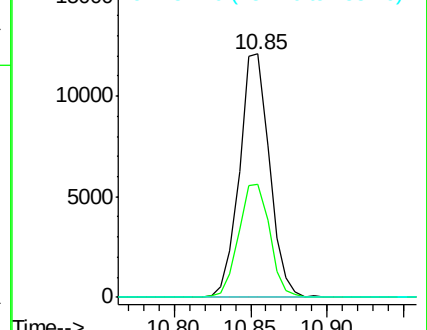
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

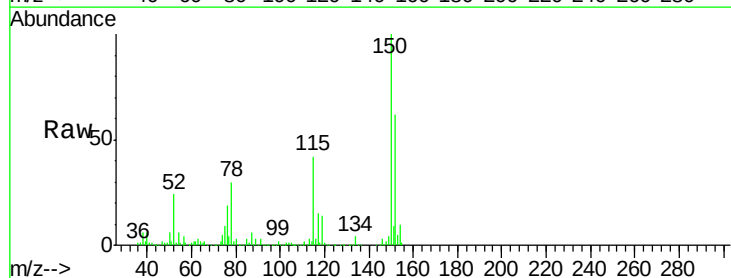
Tgt Ion:152 Resp: 113570

Ion Ratio Lower Upper

152 100

115 75.4 45.5 136.4

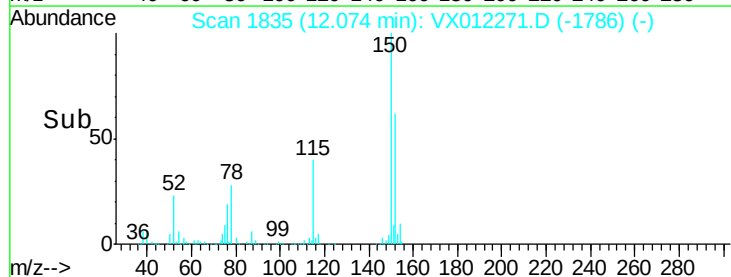
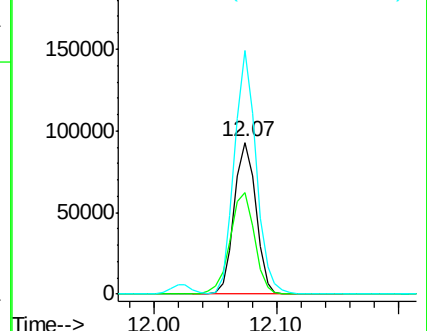
150 161.2 0.0 346.4

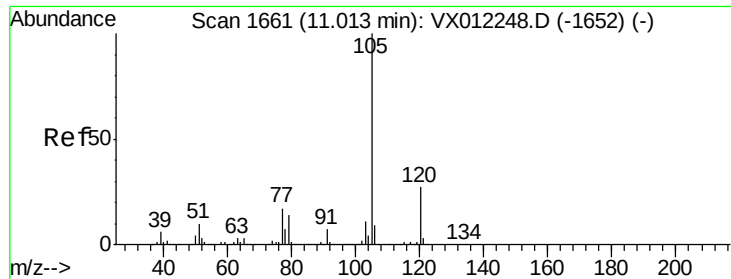


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.938 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:105 Resp: 156549

Ion Ratio Lower Upper

105 100

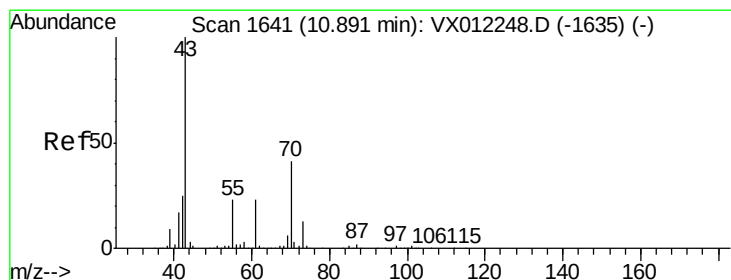
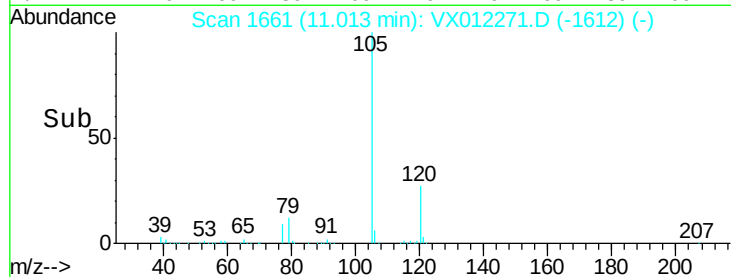
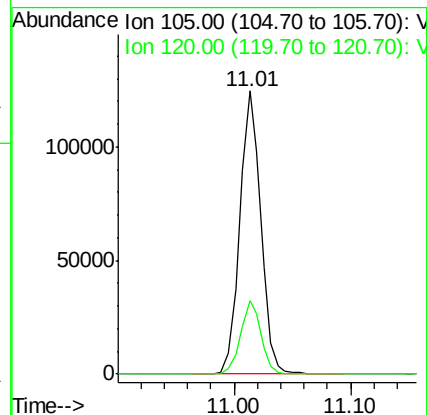
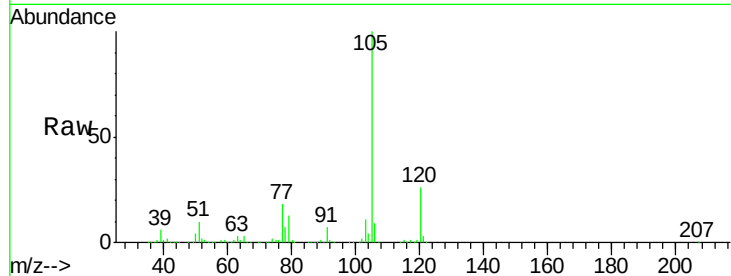
120 25.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 20.605 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion: 43 Resp: 45807

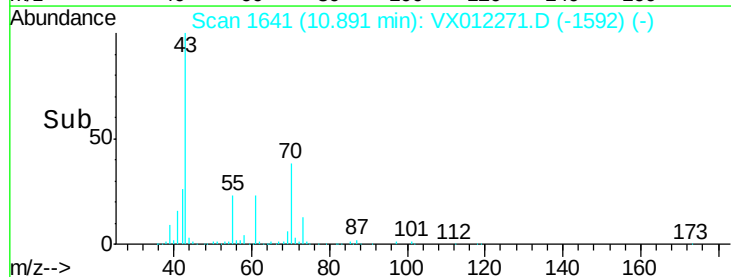
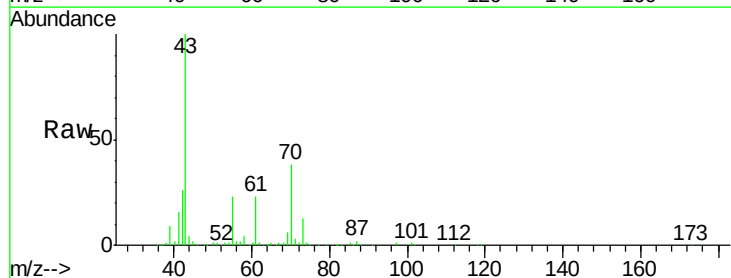
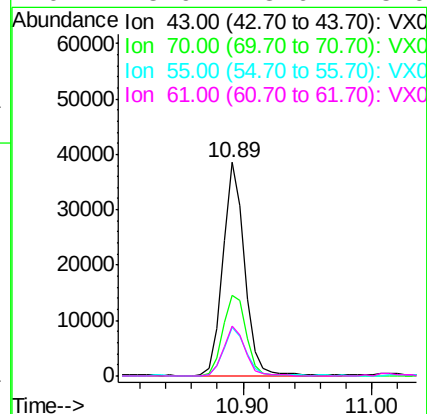
Ion Ratio Lower Upper

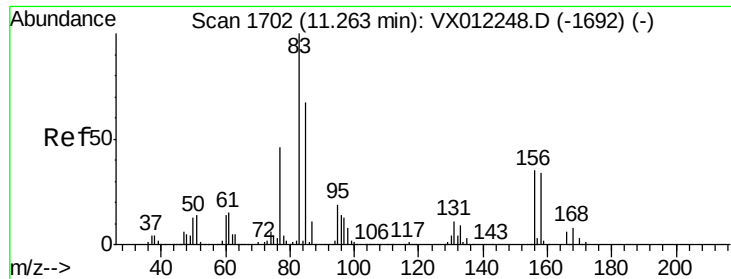
43 100

70 41.5 32.9 49.3

55 24.1 19.1 28.7

61 23.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.357 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

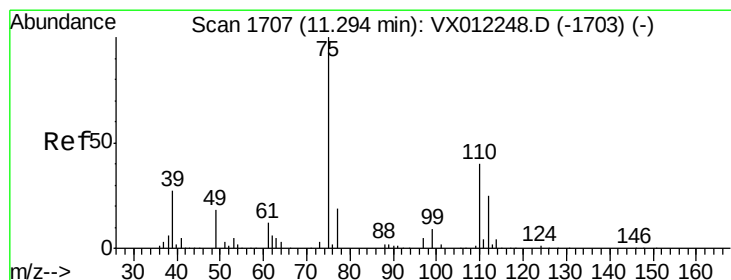
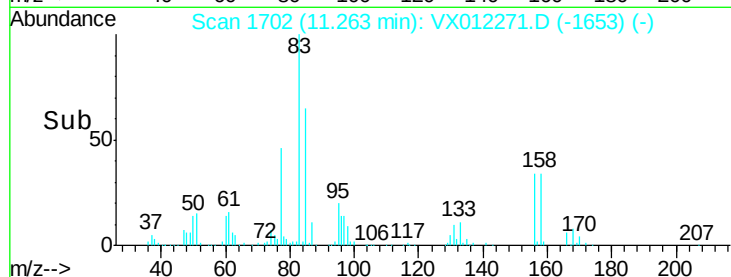
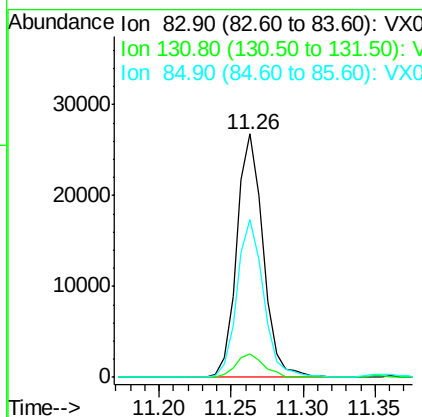
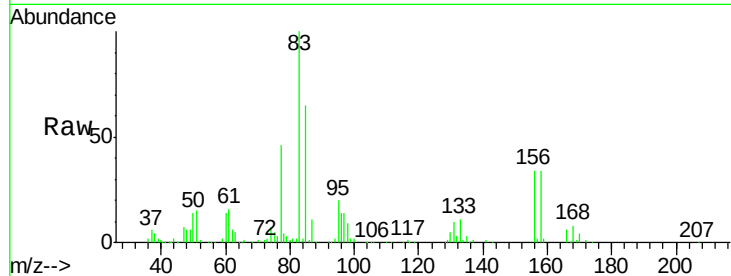
ClientSampleId :

VX0910SBS03

Tot Ion:	83	Resp:	34293
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.4
85	65.7	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 18.509 ug/l m

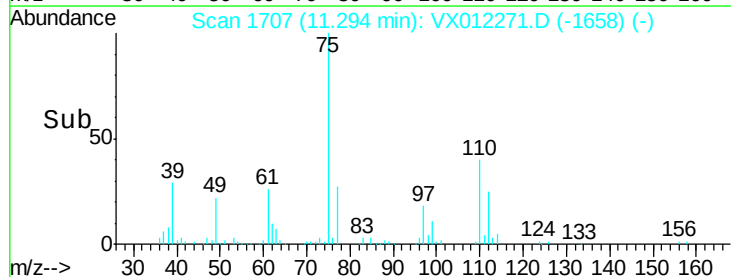
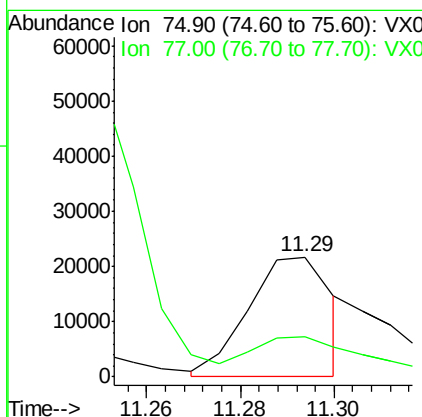
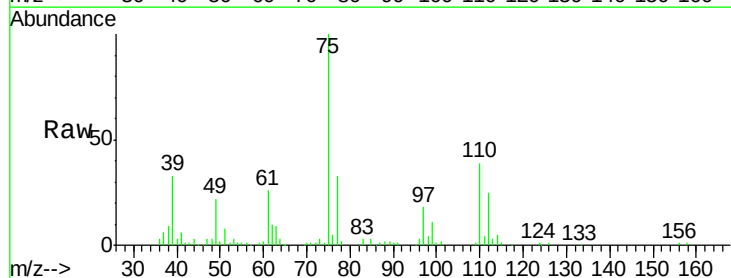
RT: 11.29 min Scan# 1707

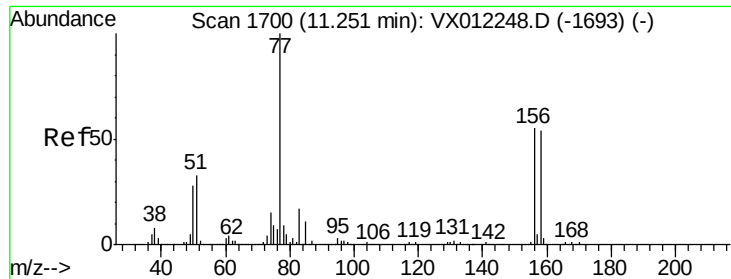
Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	75	Resp:	27004
Ion Ratio	Lower	Upper	
75	100		
77	44.7	19.7	59.0





#77

Bromobenzene

Concen: 21.121 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

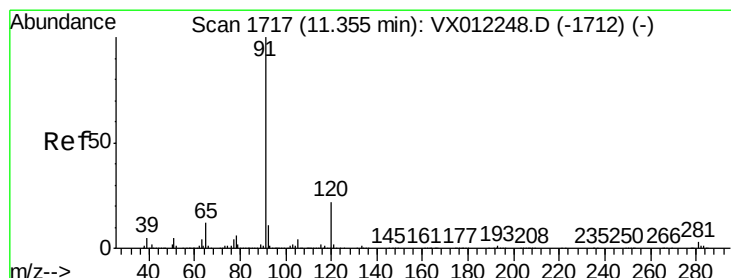
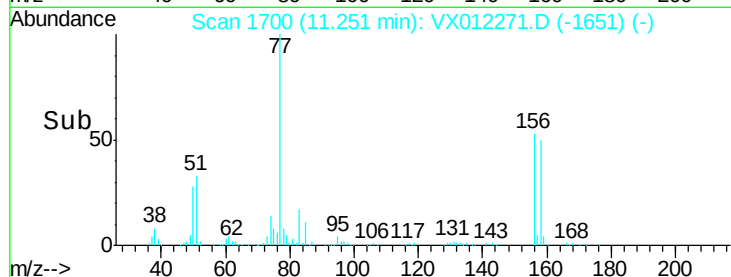
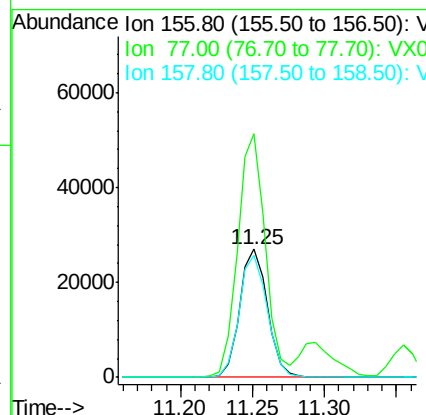
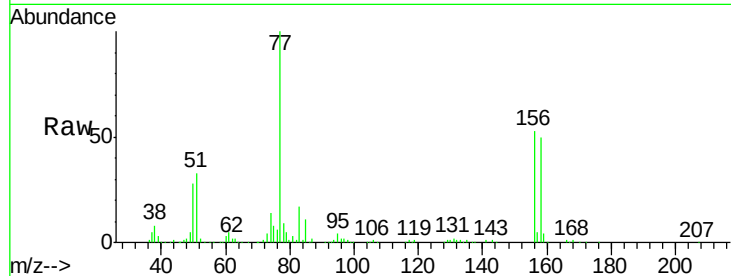
ClientSampleId :

VX0910SBSD03

Tot Ion:	156	Resp:	36358
Ion Ratio	Lower	Upper	
156	100		
77	188.7	92.2	276.6
158	96.5	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.653 ug/l

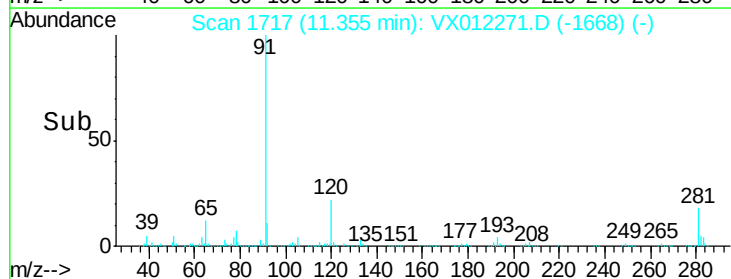
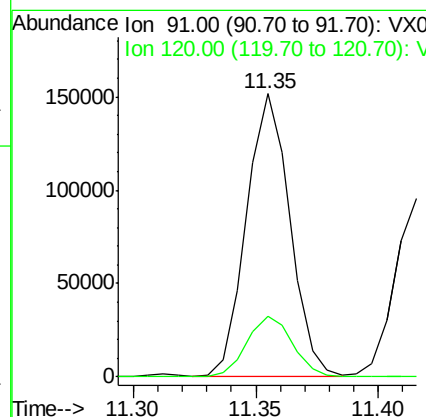
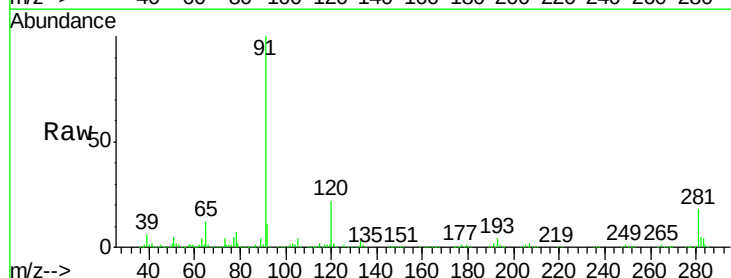
RT: 11.35 min Scan# 1717

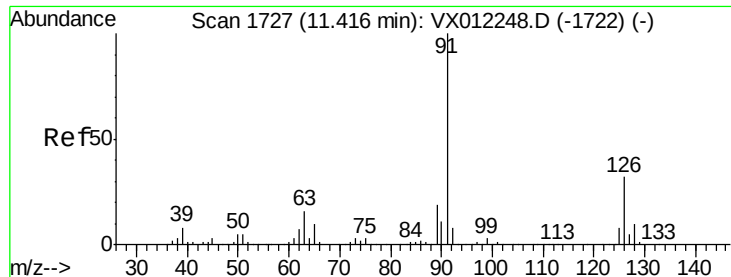
Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion:	91	Resp:	186467
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 21.250 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion: 91 Resp: 118867

Ion Ratio Lower Upper

91 100

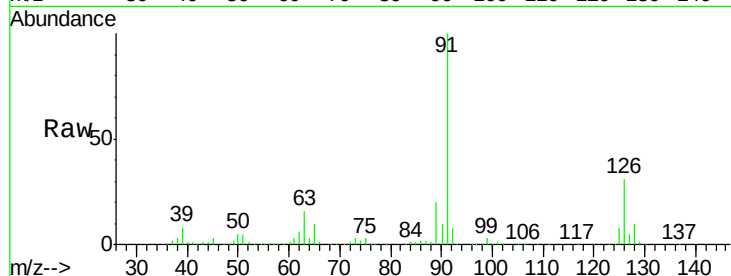
126 31.2 15.9 47.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012248.D (-1722) (-)

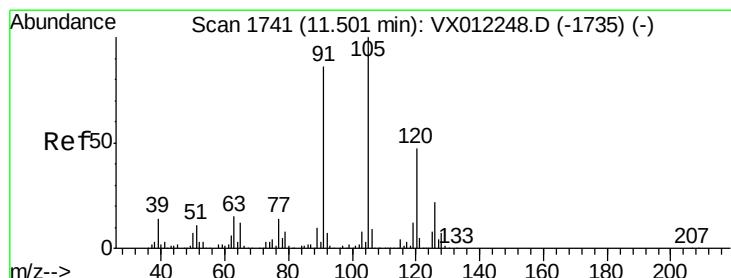
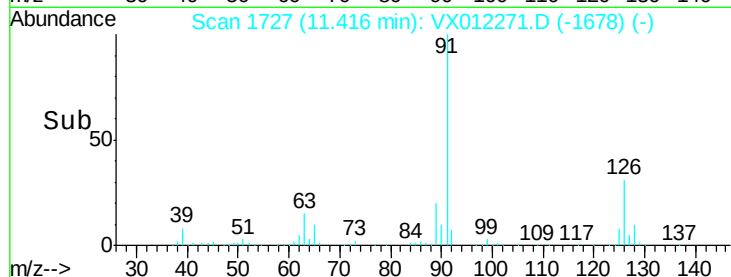
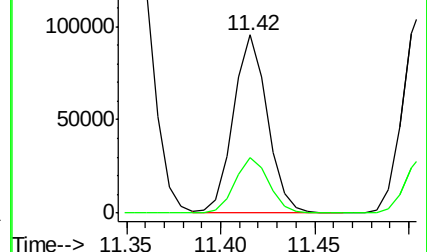
150000

100000

50000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 20.994 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012271.D

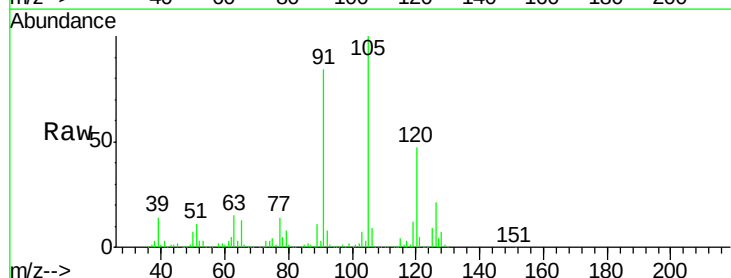
Acq: 10 Sep 2019 23:23

Tgt Ion: 105 Resp: 141159

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VX012248.D (-1735) (-)

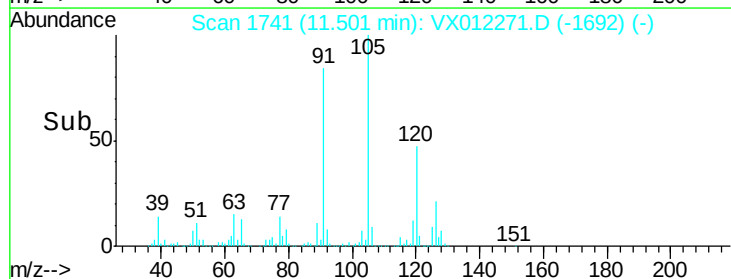
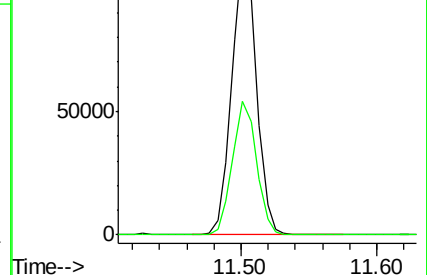
Ion 120.00 (119.70 to 120.70): VX012248.D (-1735) (-)

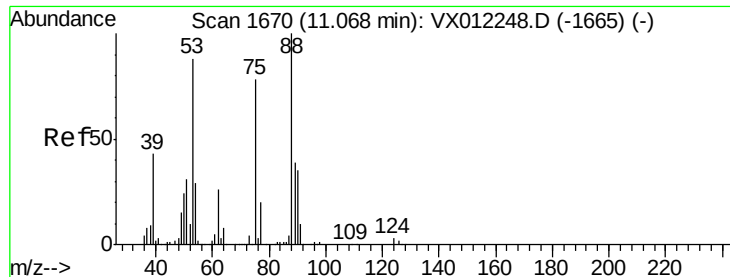
100000

50000

0

11.50 11.60





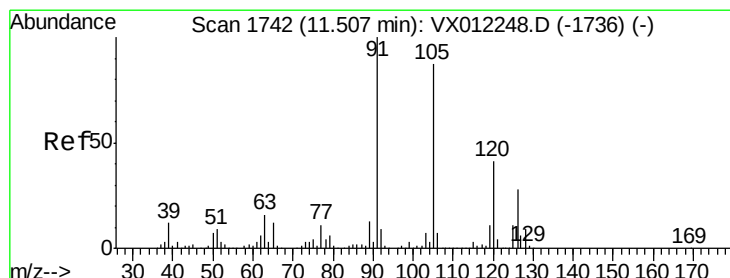
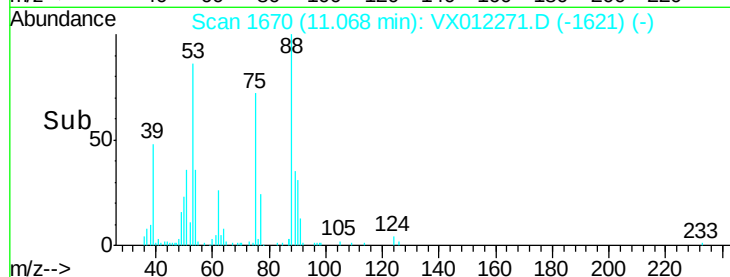
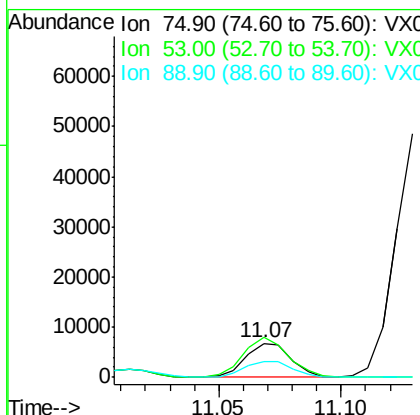
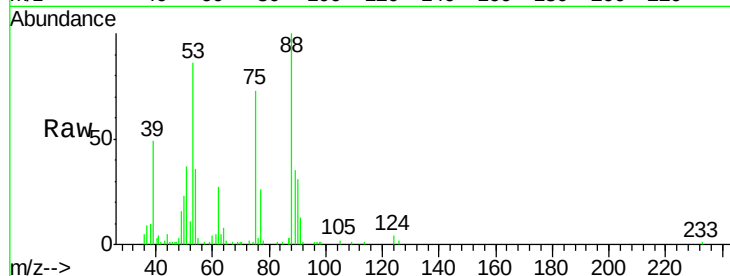
#81
trans-1,4-Dichloro-2-butene
Concen: 18.019 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.5	88.1	132.1
89	51.3	43.5	65.3

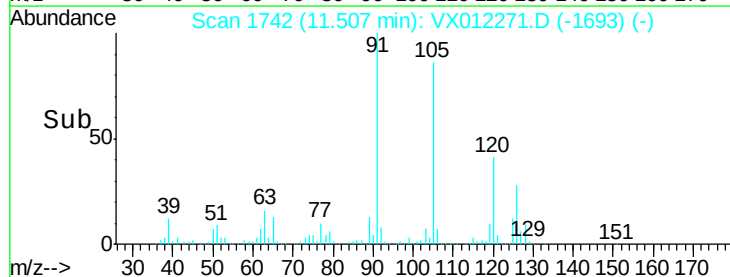
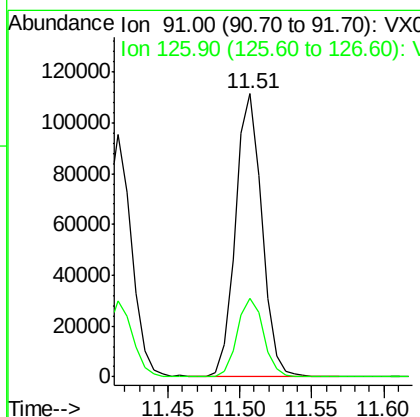
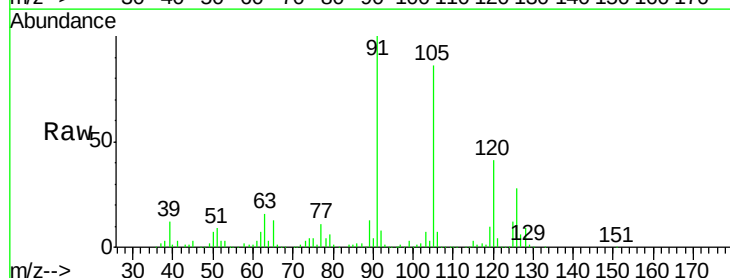
Manual Integrations
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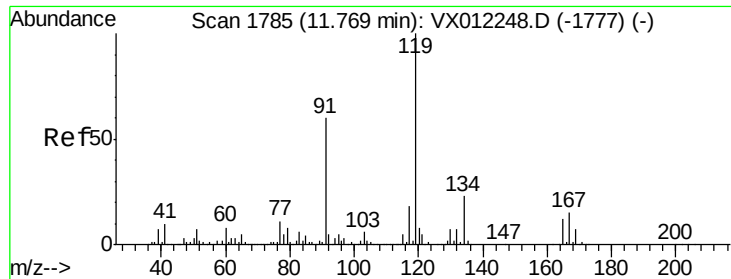
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9/12/2019 8:59:37 AM



#82
4-Chlorotoluene
Concen: 21.210 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	14.0	42.0





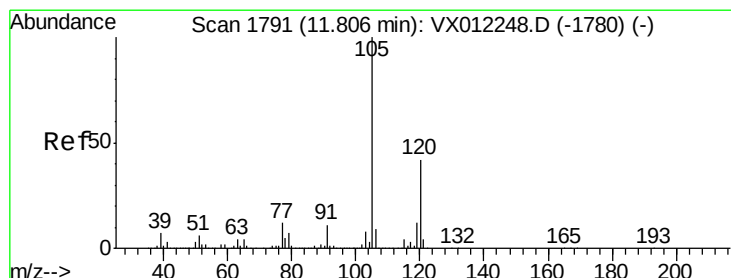
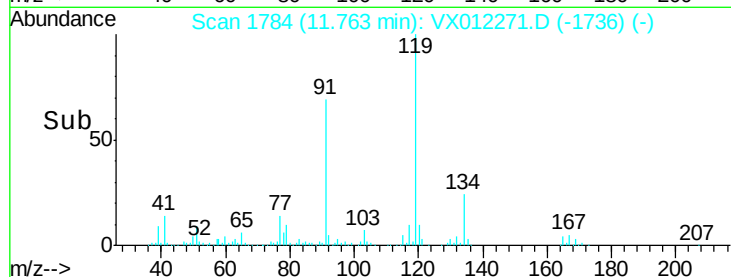
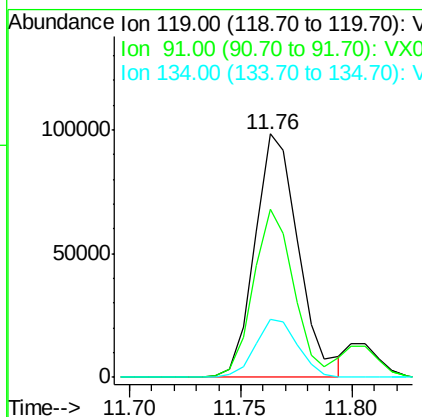
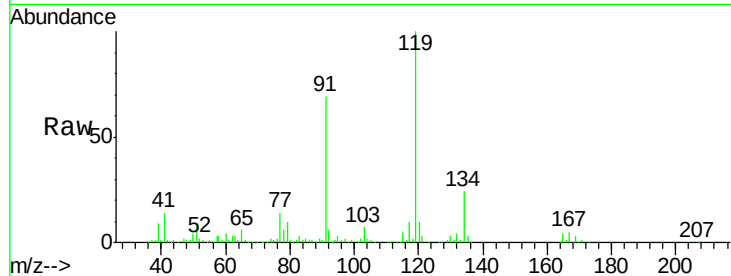
#83
 tert-Butylbenzene
 Concen: 20.557 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	134210		
91	64.0	30.9	92.8	
134	23.2	11.2	33.6	

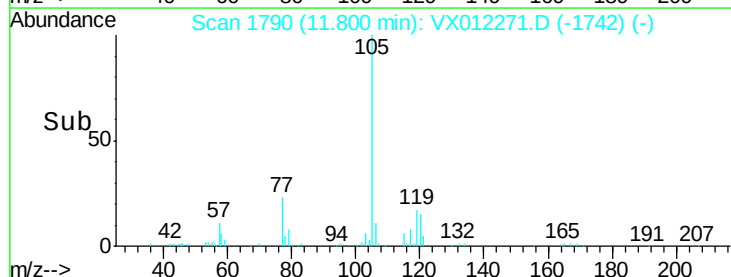
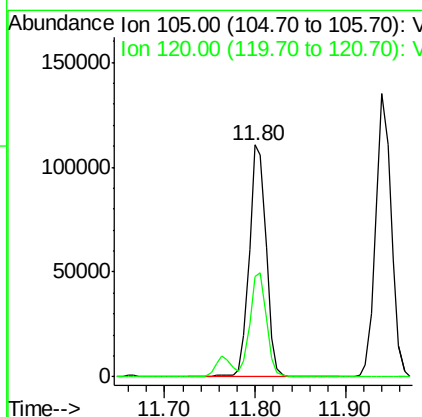
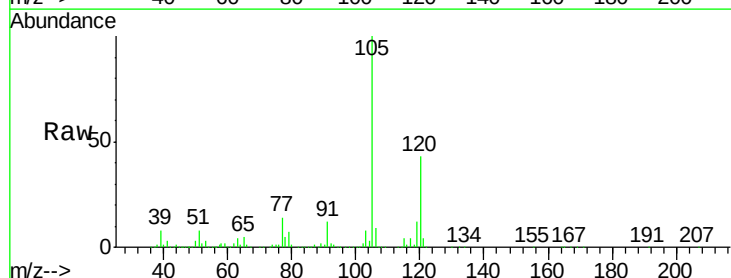
Manual Integrations
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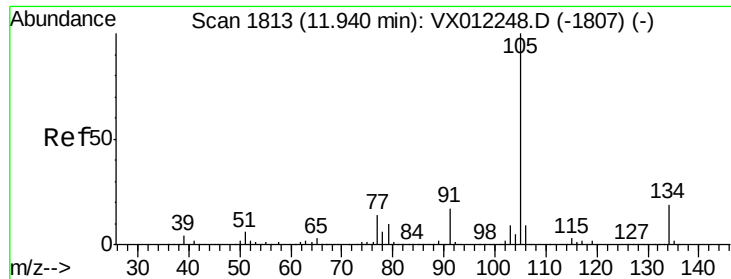
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.606 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143224		
120	43.4	21.3	63.9	





#85

sec-Butylbenzene

Concen: 20.743 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

Tot Ion:105 Resp: 161587

Ion Ratio Lower Upper

105 100

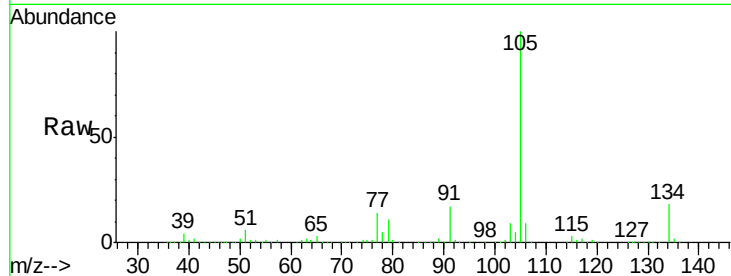
134 19.0 9.9 29.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

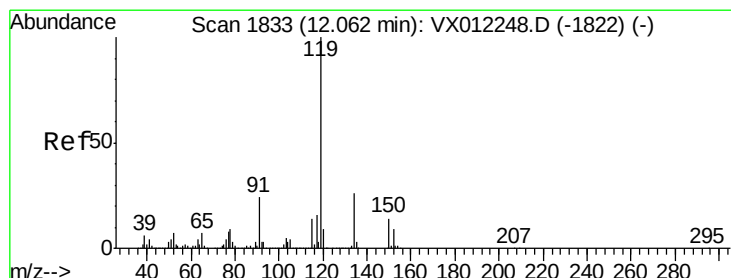
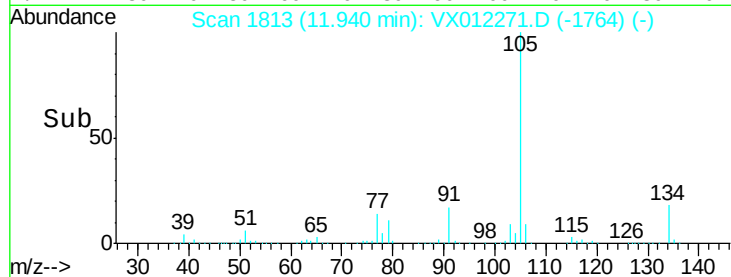
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.146 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

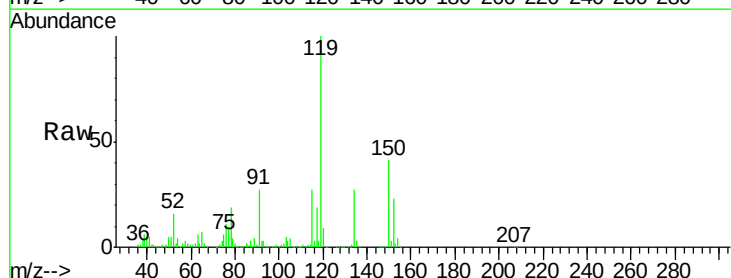
Tgt Ion:119 Resp: 145009

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 27.5 13.1 39.1



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): VX0

12.06

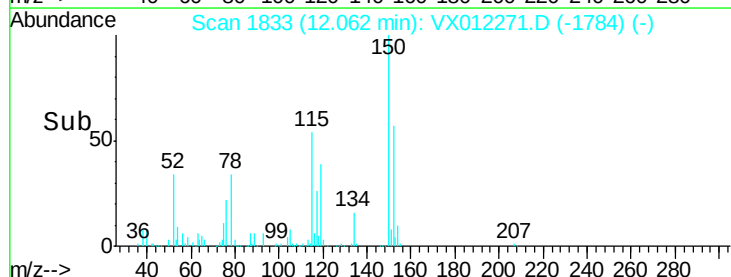
150000

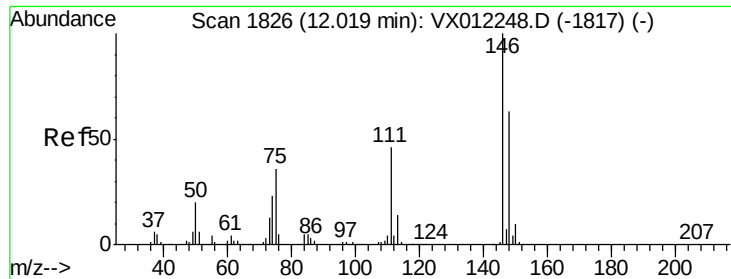
100000

50000

0

Time-->





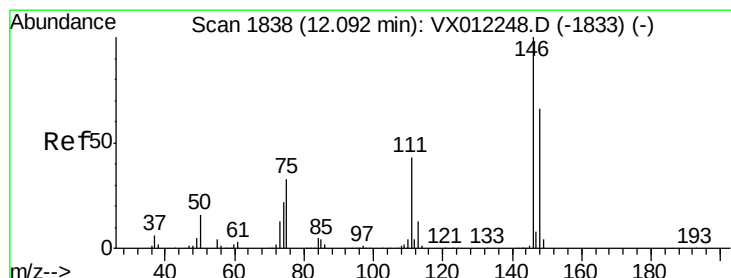
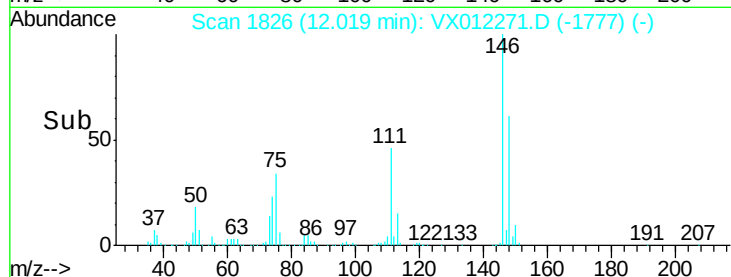
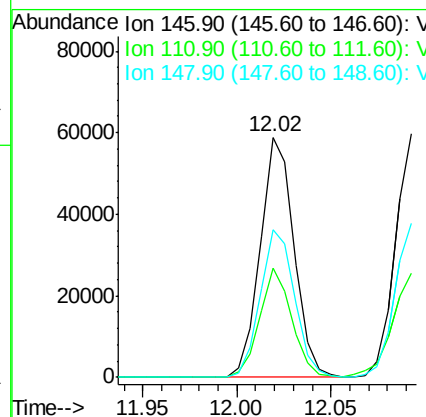
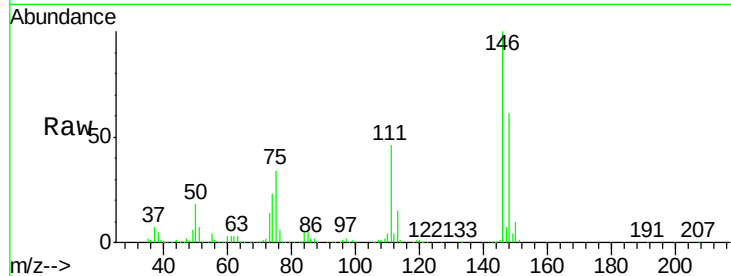
#87
 1,3-Dichlorobenzene
 Concen: 20.887 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.3	66.8
148	62.4	31.5	94.5

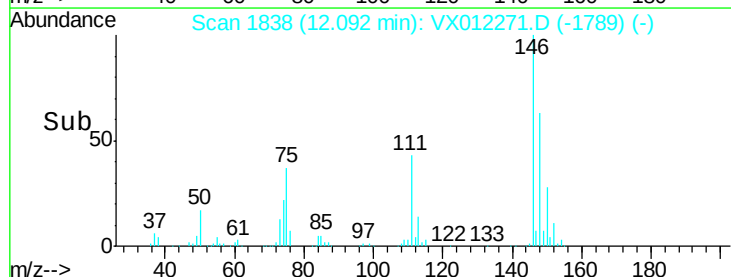
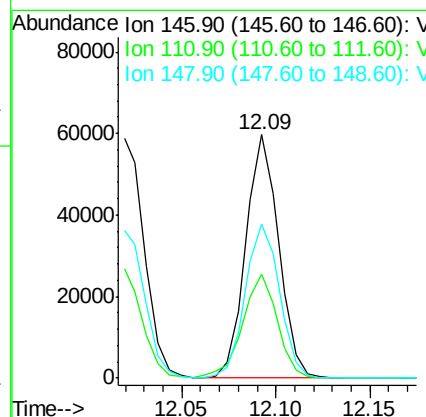
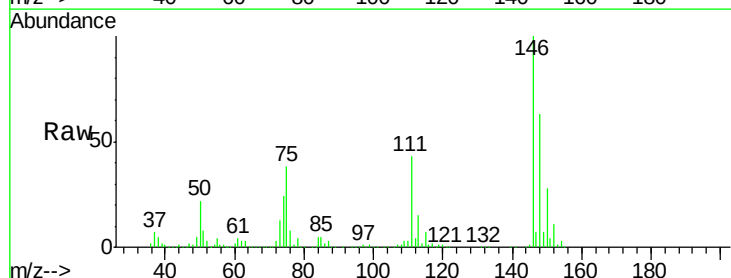
Manual Integrations
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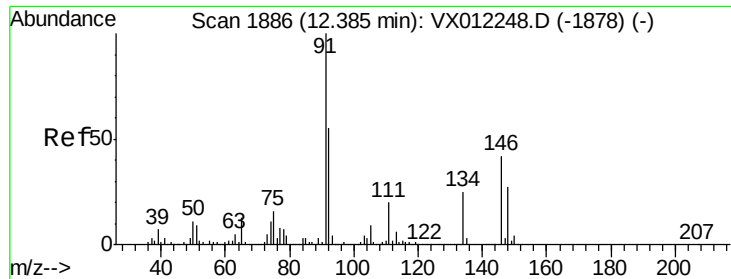
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 9/12/2019 8:59:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.346 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	21.6	64.8
148	66.5	32.4	97.2





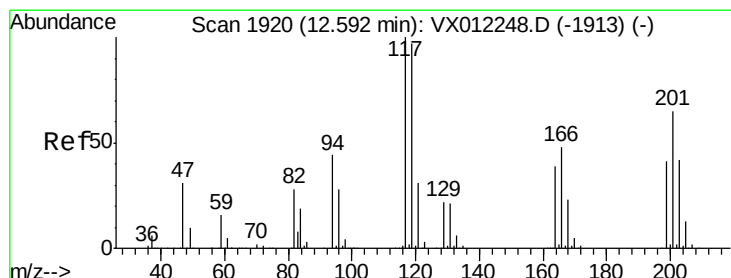
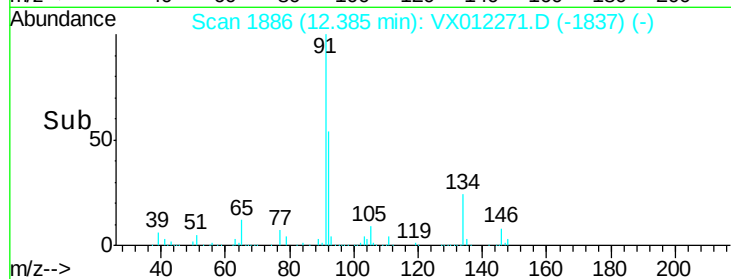
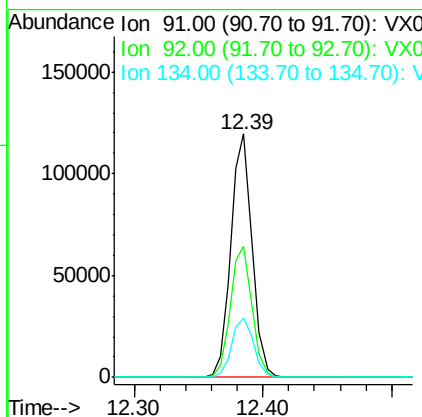
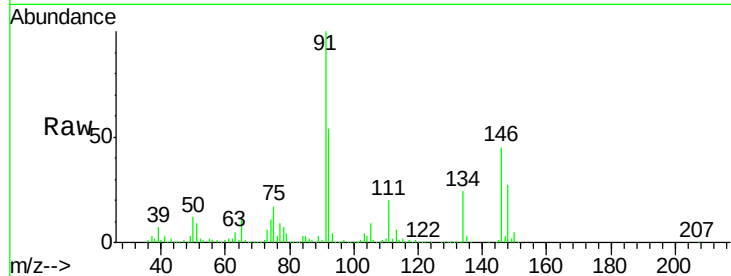
#89
n-Butylbenzene
Concen: 19.714 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	24.9	12.5	37.5

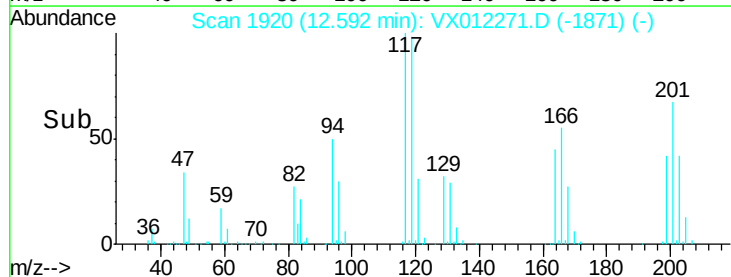
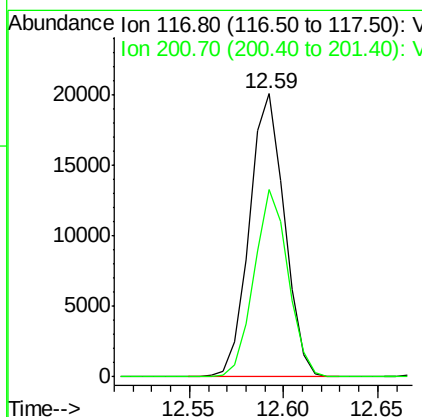
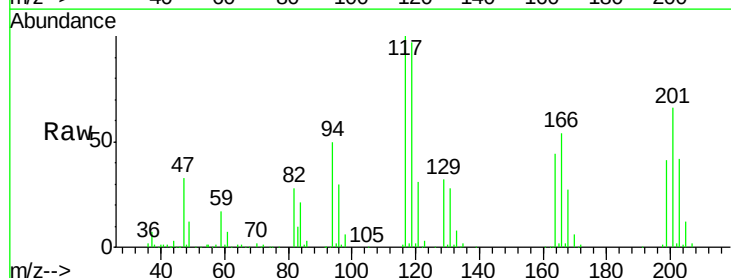
Manual Integrations
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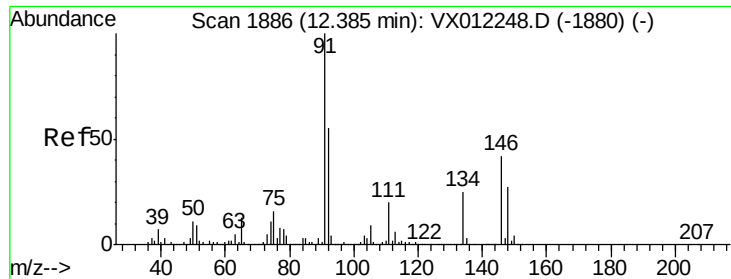
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#90
Hexachloroethane
Concen: 19.524 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.2	32.2	96.6





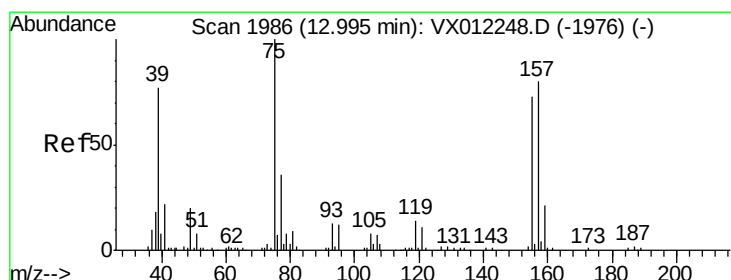
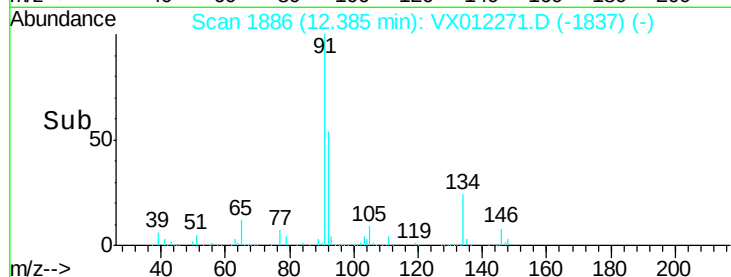
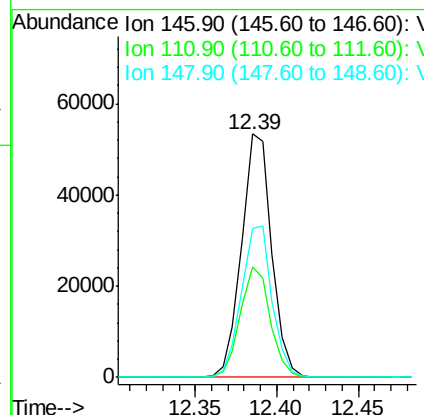
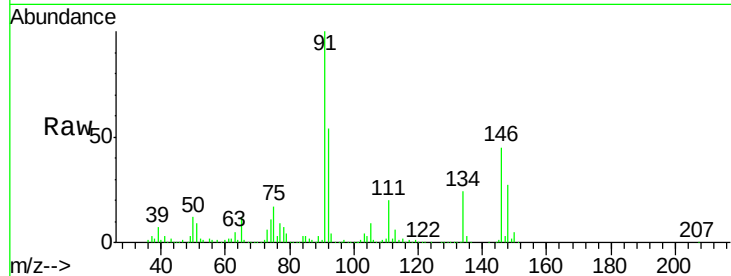
#91
 1,2-Dichlorobenzene
 Concen: 21.182 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	23.2	69.6
148	63.4	32.4	97.0

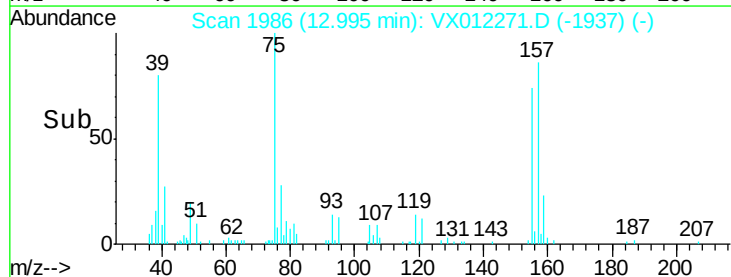
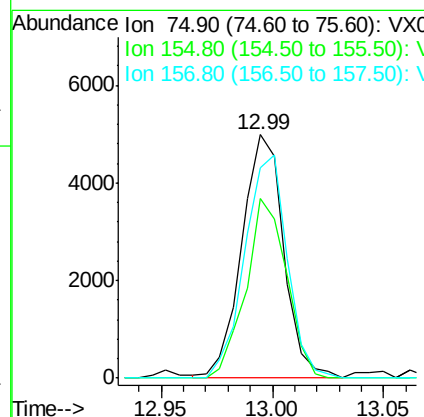
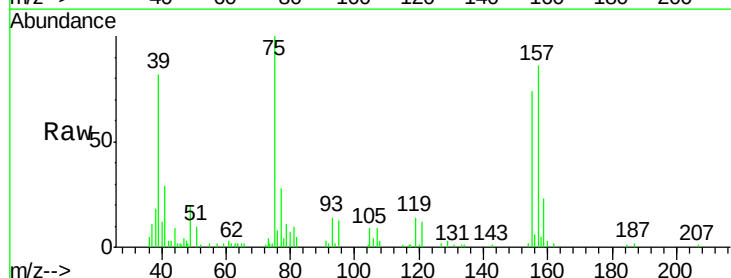
Manual Integrations
 APPROVED

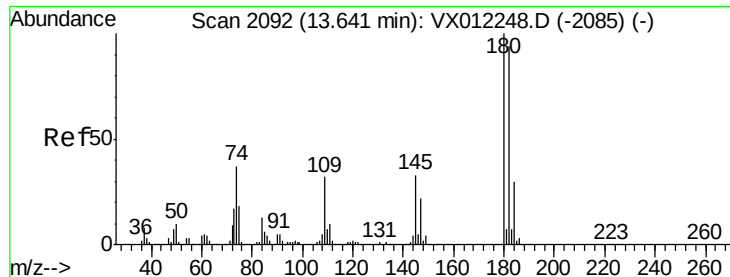
MMDadoda
 9/12/2019 8:59:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.997 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	35.3	105.7
157	93.2	43.2	129.6





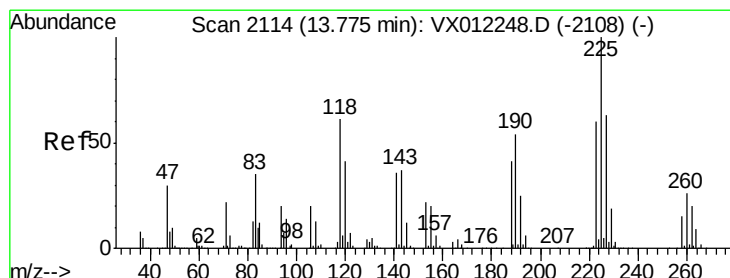
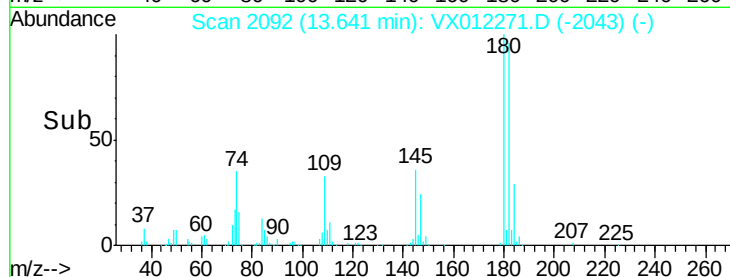
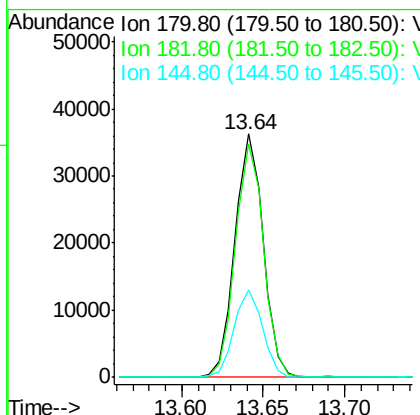
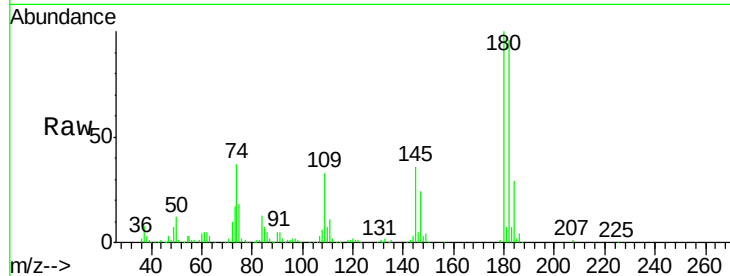
#93
1,2,4-Trichlorobenzene
Concen: 19.550 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	43794		
182	95.8	46.9	140.8	
145	36.3	17.1	51.2	

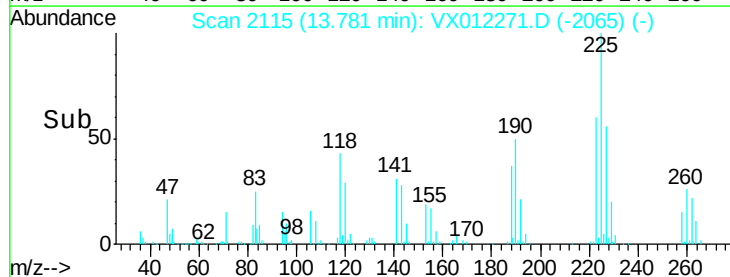
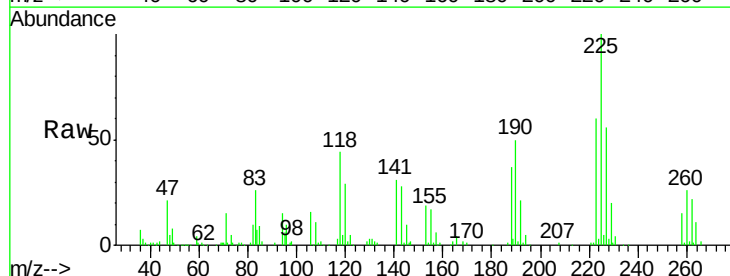
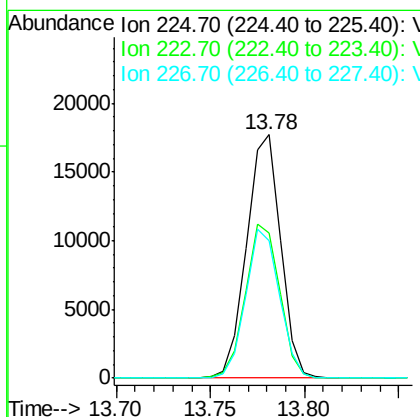
Manual Integrations
APPROVED

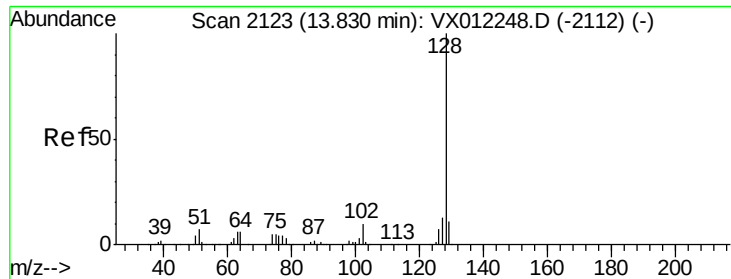
MMDadoda
9/12/2019 8:59:37 AM



#94
Hexachlorobutadiene
Concen: 19.922 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22201		
223	63.6	32.1	96.5	
227	60.8	32.5	97.5	





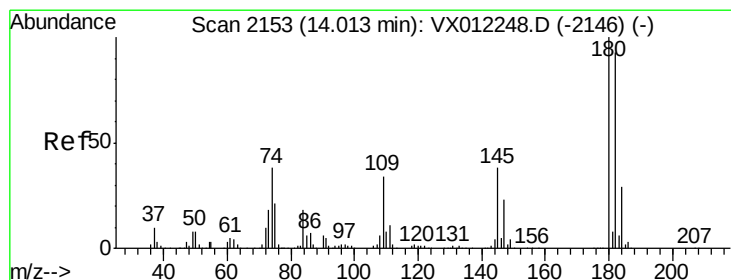
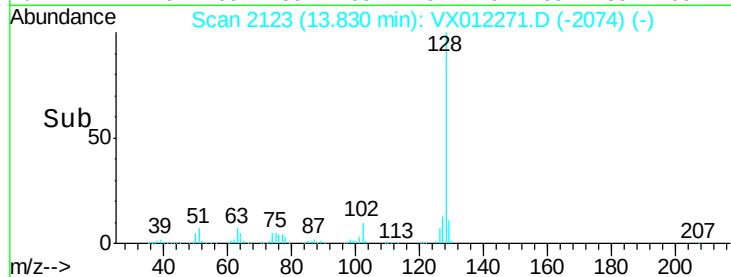
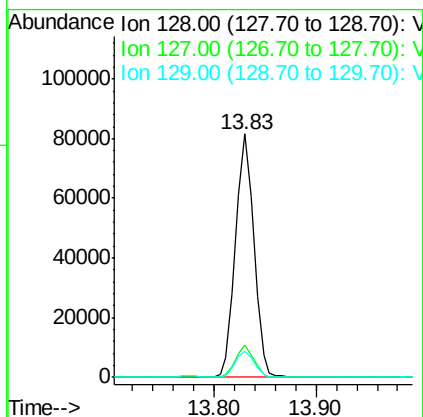
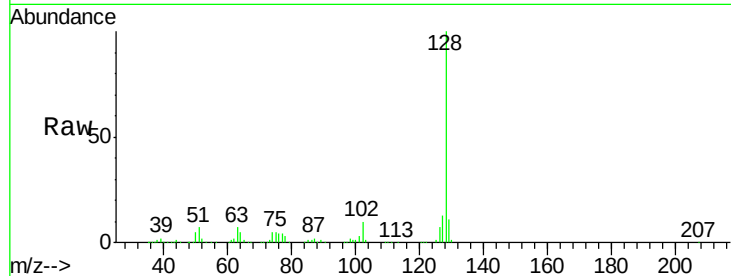
#95
Naphthalene
Concen: 21.053 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	101209		
127	13.3	10.2	15.2	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
9/12/2019 8:59:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.899 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	39440		
182	96.1	47.0	141.0	
145	38.0	18.6	55.8	

