

Data File : VX013188.D
Acq On : 23 Oct 2019 14:21
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Oct 23 15:40:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 15:31:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	92588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	132085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	133578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92454	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	5.48	113	73820	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	270627	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	107164	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	88792	46.642	ug/l	99
3) Chloromethane	1.32	50	74274	44.828	ug/l	97
4) Vinyl Chloride	1.40	62	78427	45.776	ug/l	97
5) Bromomethane	1.63	94	39430	43.060	ug/l	98
6) Chloroethane	1.71	64	47998	41.271	ug/l	94
7) Trichlorofluoromethane	1.92	101	130123	46.667	ug/l	98
8) Diethyl Ether	2.18	74	42925	44.854	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80717	47.890	ug/l	99
10) Methyl Iodide	2.50	142	101781	50.169	ug/l	99
11) Tert butyl alcohol	3.03	59	101545	207.968	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74786	46.695	ug/l	98
13) Acrolein	2.28	56	54296	193.619	ug/l	94
14) Allyl chloride	2.72	41	116656	46.644	ug/l	99
15) Acrylonitrile	3.13	53	200406	225.857	ug/l	99
16) Acetone	2.44	43	225750	243.077	ug/l	97
17) Carbon Disulfide	2.56	76	198550	46.332	ug/l	100
18) Methyl Acetate	2.76	43	97011	45.826	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	261850	47.186	ug/l	97
20) Methylene Chloride	2.84	84	84187	43.308	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	80551	45.778	ug/l	91
22) Diisopropyl ether	3.84	45	227829	46.736	ug/l	97
23) Vinyl Acetate	3.80	43	1009458	237.956	ug/l	99
24) 1,1-Dichloroethane	3.69	63	139972	46.866	ug/l	99
25) 2-Butanone	4.66	43	292510	230.925	ug/l	97
26) 2,2-Dichloropropane	4.57	77	133154	49.485	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	90459	45.981	ug/l	99
28) Bromochloromethane	5.00	49	39202	49.096	ug/l	100
29) Tetrahydrofuran	5.11	42	169525	223.071	ug/l	98
30) Chloroform	5.20	83	149451	46.303	ug/l	99
31) Cyclohexane	5.57	56	124921	48.221	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	138598	47.866	ug/l	100
36) 1,1-Dichloropropene	5.79	75	112784	47.654	ug/l	99
37) Ethyl Acetate	4.82	43	104183	44.552	ug/l	99
38) Carbon Tetrachloride	5.78	117	118139	48.938	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139502	49.708	ug/l	99
40) Benzene	6.13	78	320860	47.676	ug/l	96
41) Methacrylonitrile	5.03	41	58054	46.865	ug/l	98
42) 1,2-Dichloroethane	6.18	62	122348	48.386	ug/l	99
43) Isopropyl Acetate	6.44	43	178986	47.974	ug/l	100
44) Trichloroethene	7.20	130	90881	47.667	ug/l	99
45) 1,2-Dichloropropane	7.51	63	78399	46.935	ug/l	99
46) Dibromomethane	7.65	93	57197	48.515	ug/l	98
47) Bromodichloromethane	7.89	83	114460	49.272	ug/l	100
48) Methyl methacrylate	7.76	41	86893	48.026	ug/l	99
49) 1,4-Dioxane	7.73	88	44653	906.144	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	534802	233.904	ug/l	99
52) Toluene	8.78	92	208506	48.017	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129855	52.200	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139486	50.831	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	83095	47.328	ug/l	97
56) Ethyl methacrylate	9.17	69	130270	48.475	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139683	48.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	267094	253.238	ug/l	99
59) 2-Hexanone	9.48	43	428140	238.721	ug/l	99
60) Dibromochloromethane	9.57	129	92659	51.422	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89908	47.905	ug/l	99
64) Tetrachloroethene	9.33	164	87940	48.474	ug/l	99
65) Chlorobenzene	10.14	112	222903	47.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	84622	49.507	ug/l	98
67) Ethyl Benzene	10.25	91	412148	49.409	ug/l	98
68) m/p-Xylenes	10.36	106	308425	97.822	ug/l	100
69) o-Xylene	10.70	106	147493	48.018	ug/l	99
70) Styrene	10.71	104	261833	50.664	ug/l	100
71) Bromoform	10.85	173	65450	53.008	ug/l #	99
73) Isopropylbenzene	11.01	105	405227	48.312	ug/l	100
74) N-amyl acetate	10.89	43	156311	49.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	126209	48.590	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142441	65.726	ug/l	80
77) Bromobenzene	11.25	156	96313	48.538	ug/l	99
78) n-propylbenzene	11.35	91	452518	50.350	ug/l	100
79) 2-Chlorotoluene	11.42	91	280864	48.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	353869	50.420	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41599	49.085	ug/l	98
82) 4-Chlorotoluene	11.51	91	317733	48.197	ug/l	100
83) tert-Butylbenzene	11.76	119	333872	48.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	349754	48.626	ug/l	100
85) sec-Butylbenzene	11.94	105	390376	49.485	ug/l	99
86) p-Isopropyltoluene	12.06	119	379311	51.152	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182563	49.317	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	179179	47.669	ug/l	100
89) n-Butylbenzene	12.39	91	315255	51.424	ug/l	99
90) Hexachloroethane	12.59	117	64576	51.168	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	174882	48.588	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31996	50.990	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102419\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	116618	51.045	ug/l	99
94) Hexachlorobutadiene	13.78	225	59747	51.579	ug/l	95
95) Naphthalene	13.83	128	359521	50.342	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	112598	49.073	ug/l	98

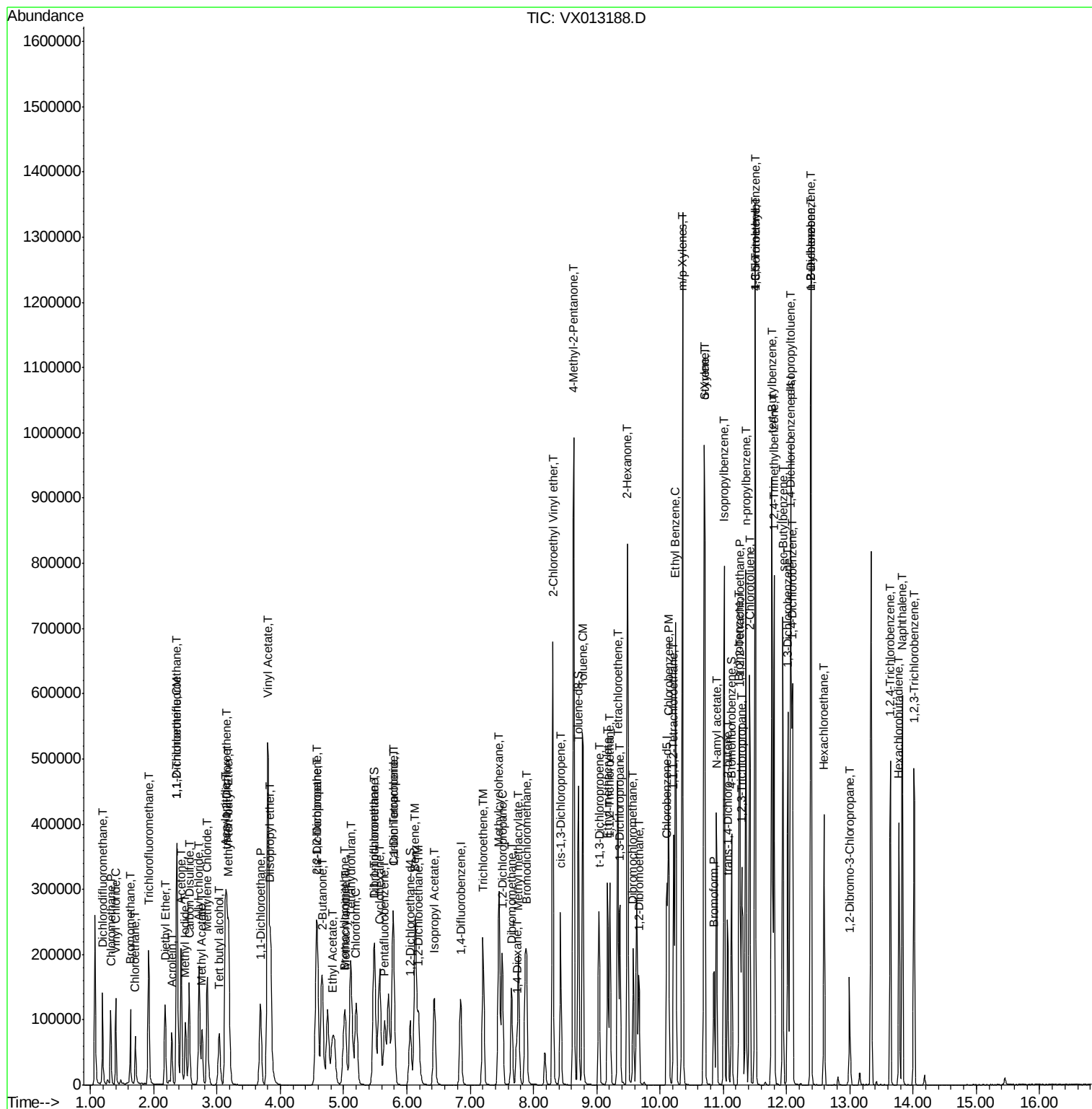
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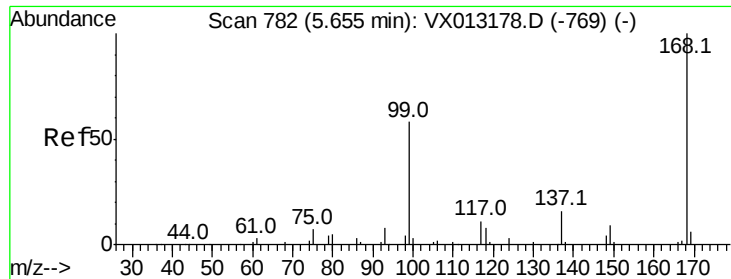
Data File : VX013188.D

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Acq On       : 23 Oct 2019   14:21
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ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
VSTDICCC050

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

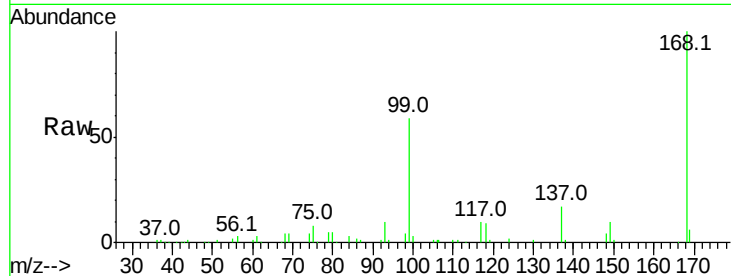
VSTDICCC050

Tgt Ion:168 Resp: 92588

Ion Ratio Lower Upper

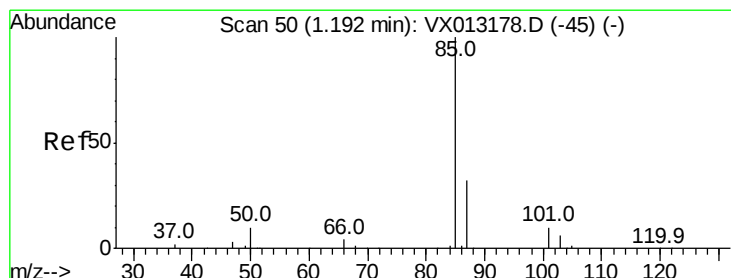
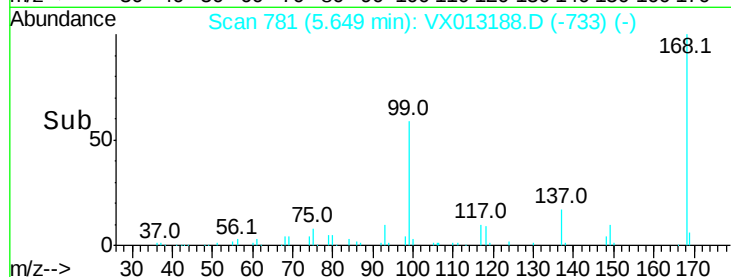
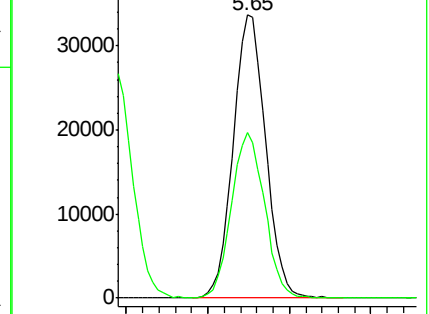
168 100

99 58.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.642 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013188.D

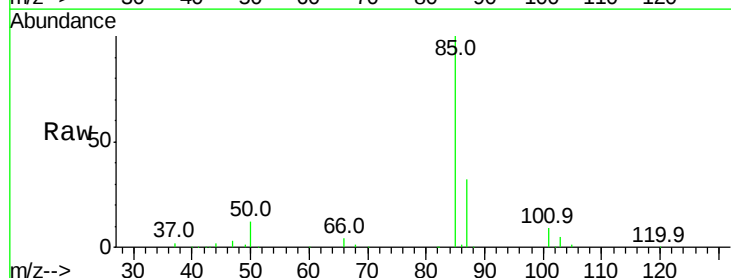
Acq: 23 Oct 2019 14:21

Tgt Ion: 85 Resp: 88792

Ion Ratio Lower Upper

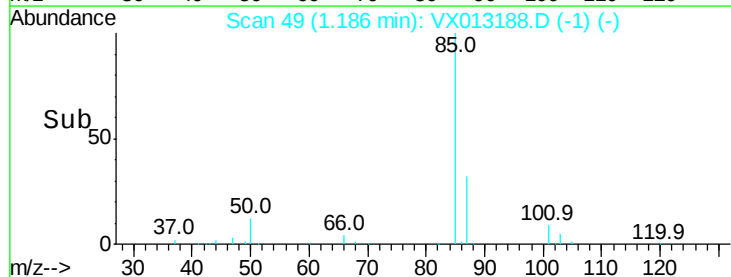
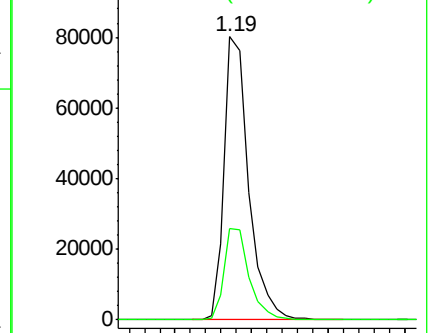
85 100

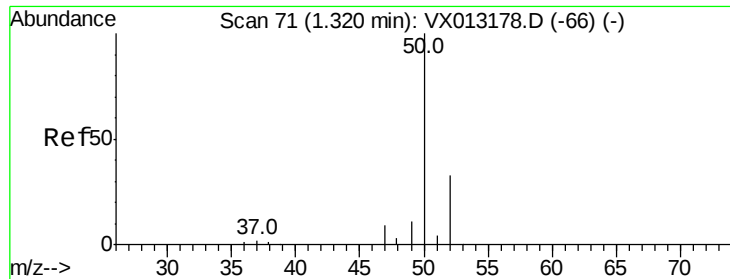
87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.828 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

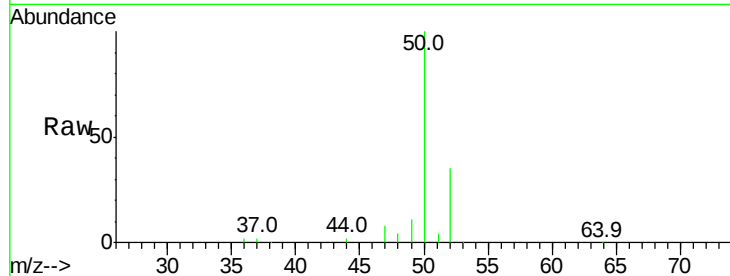
VSTDICCC050

Tgt Ion: 50 Resp: 74274

Ion Ratio Lower Upper

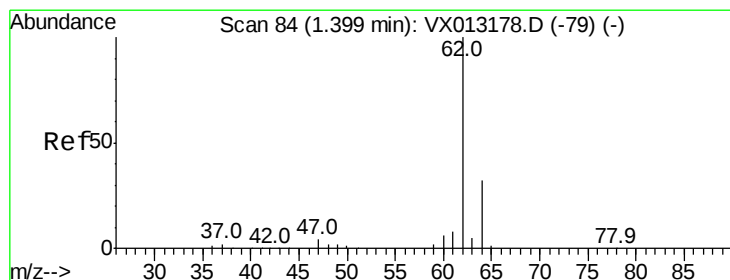
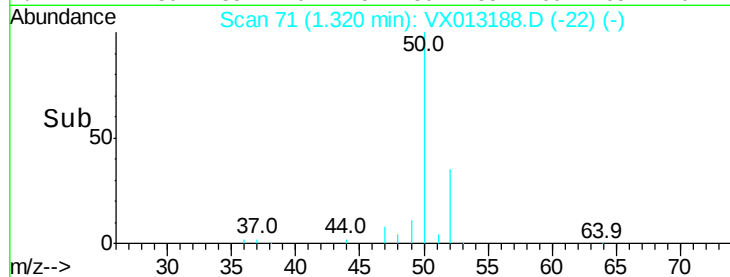
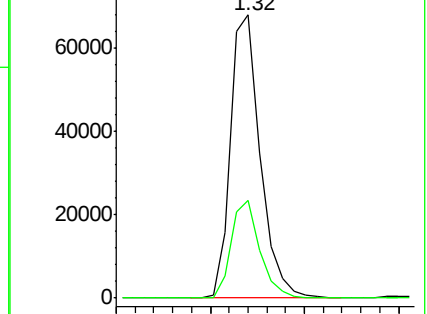
50 100

52 34.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.776 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013188.D

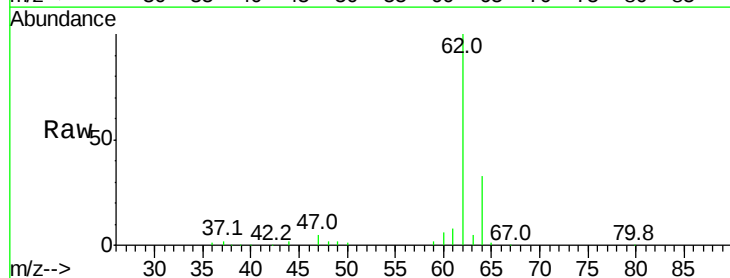
Acq: 23 Oct 2019 14:21

Tgt Ion: 62 Resp: 78427

Ion Ratio Lower Upper

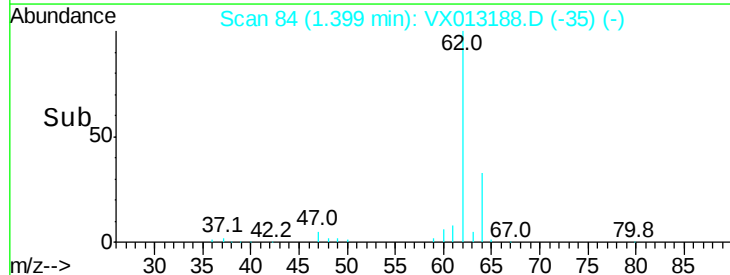
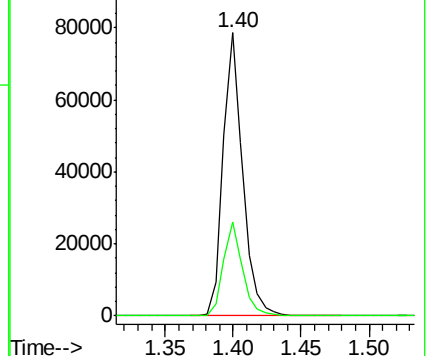
62 100

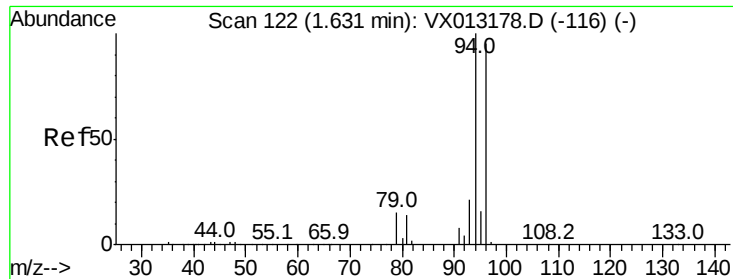
64 33.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.060 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

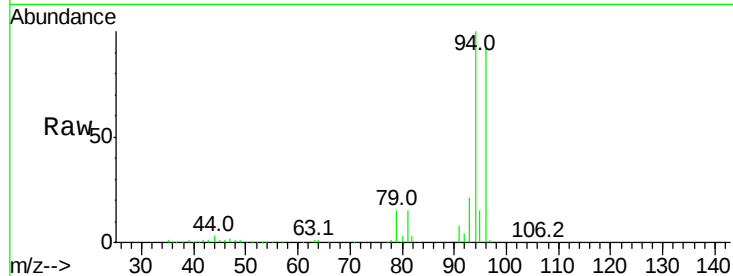
VSTDICCC050

Tgt Ion: 94 Resp: 39430

Ion Ratio Lower Upper

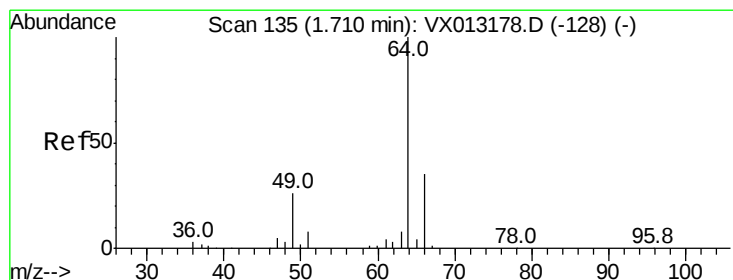
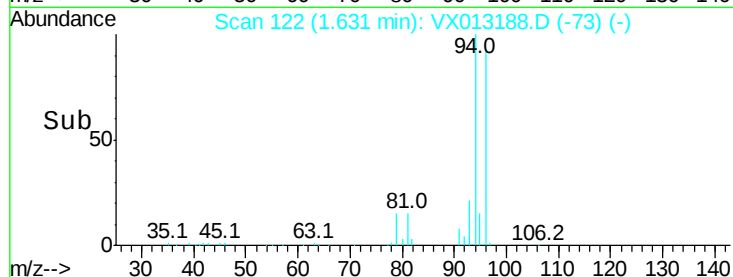
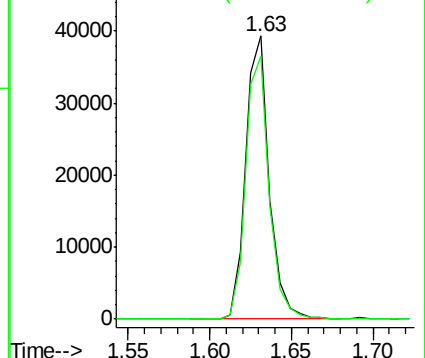
94 100

96 92.7 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.271 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013188.D

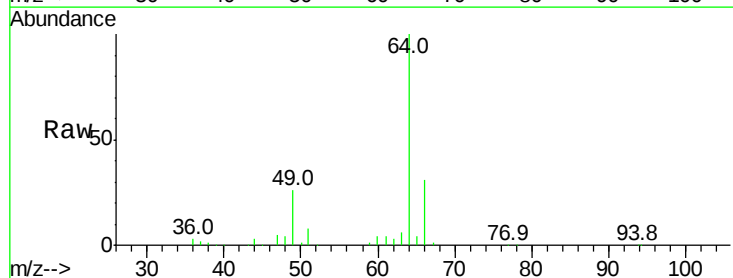
Acq: 23 Oct 2019 14:21

Tgt Ion: 64 Resp: 47998

Ion Ratio Lower Upper

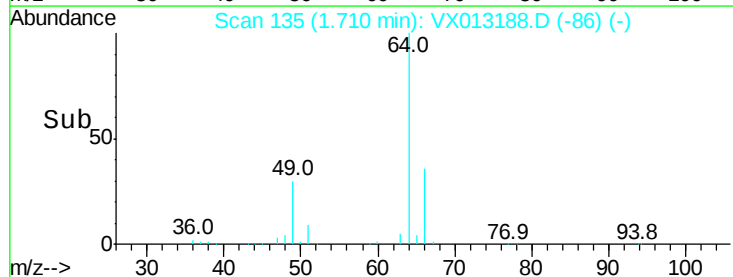
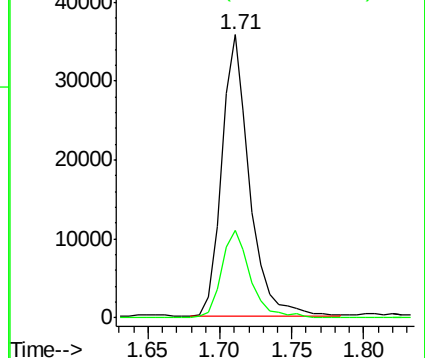
64 100

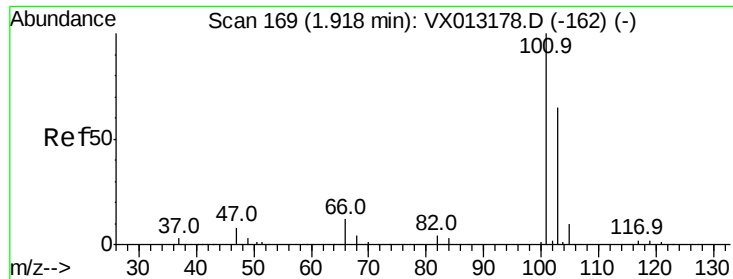
66 31.3 27.8 41.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



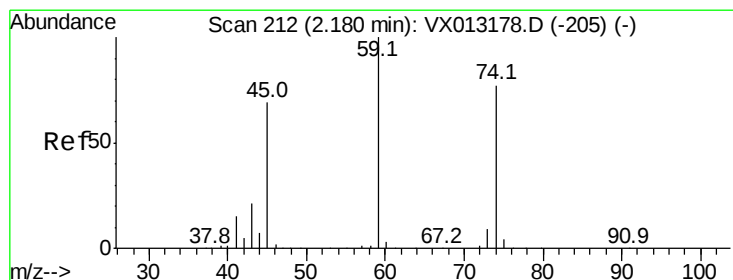
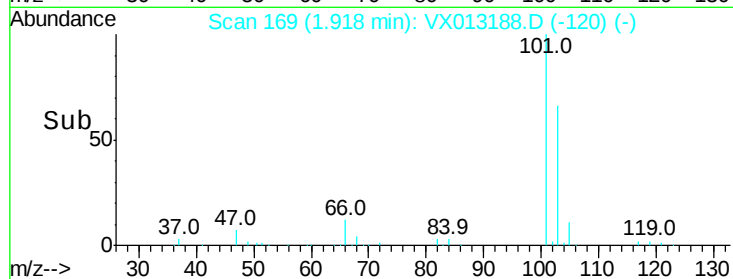
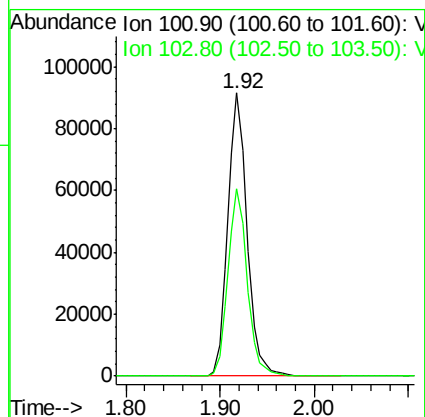
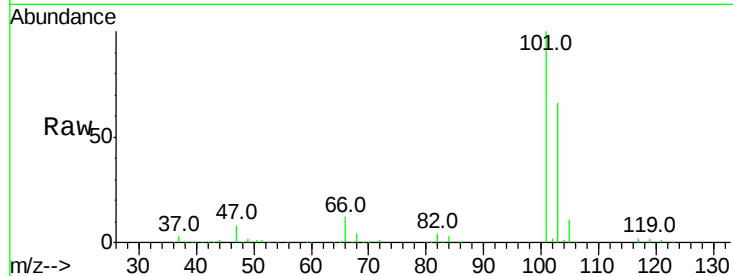


#7

Trichlorofluoromethane
Concen: 46.667 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

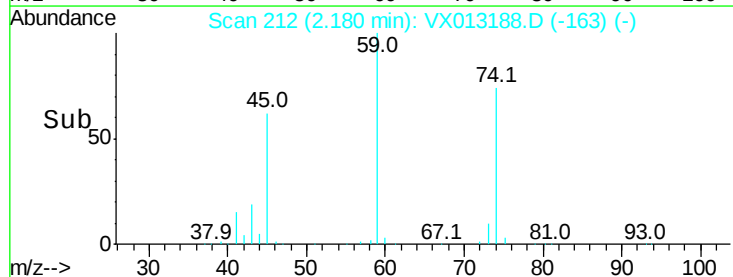
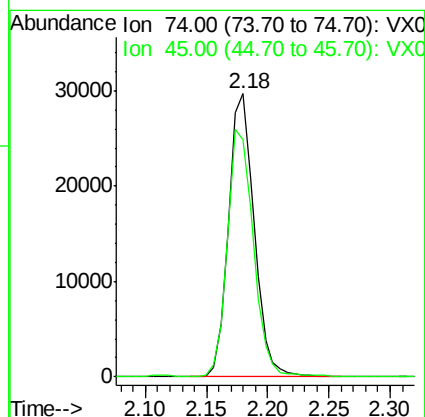
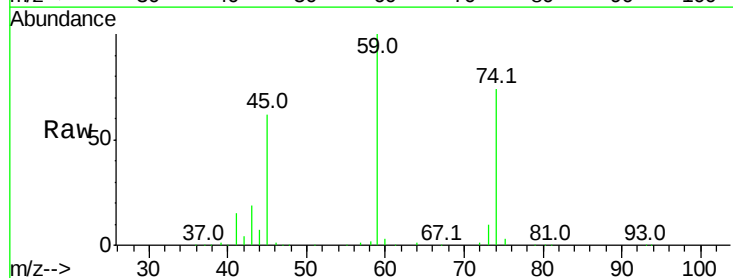
Tgt Ion:101 Resp: 130123
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9

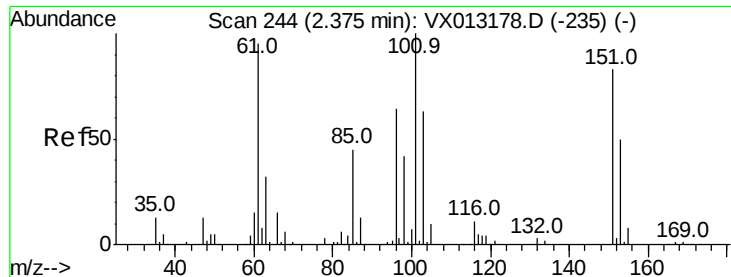


#8

Diethyl Ether
Concen: 44.854 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 74 Resp: 42925
Ion Ratio Lower Upper
74 100
45 89.5 44.1 132.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.890 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

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MSVOA_X

ClientSampleId :

VSTDICCC050

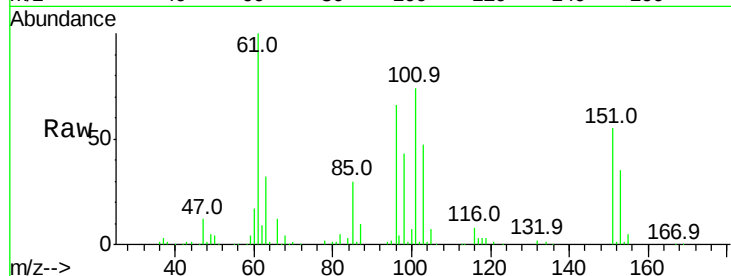
Tgt Ion:101 Resp: 80717

Ion Ratio Lower Upper

101 100

85 42.5 35.0 52.4

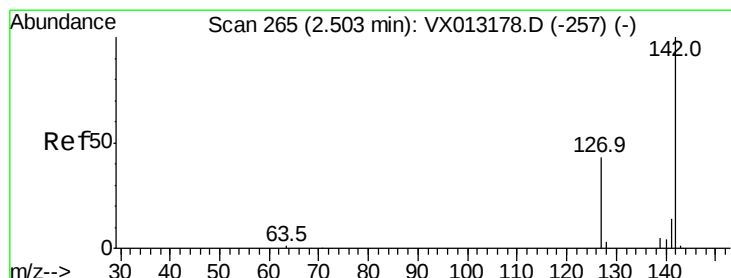
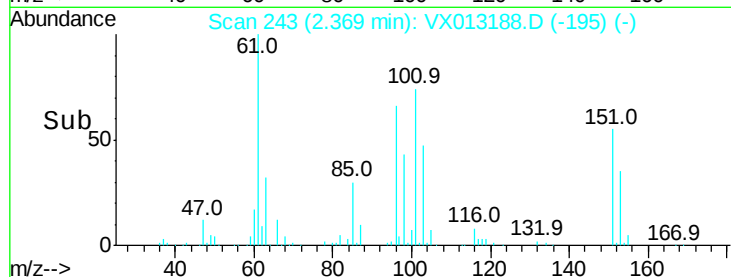
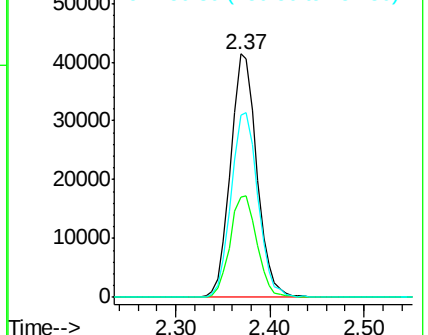
151 77.5 62.5 93.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.169 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

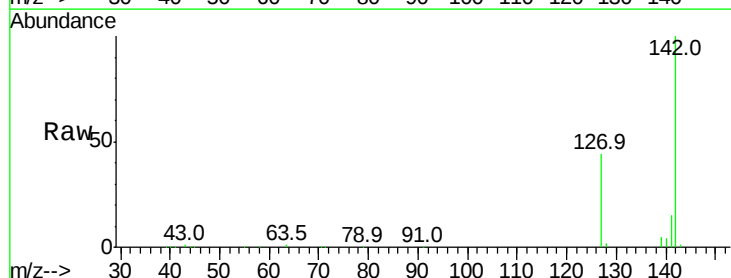
Tgt Ion:142 Resp: 101781

Ion Ratio Lower Upper

142 100

127 44.5 36.2 54.4

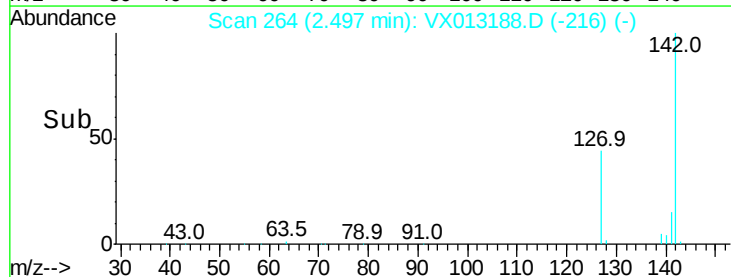
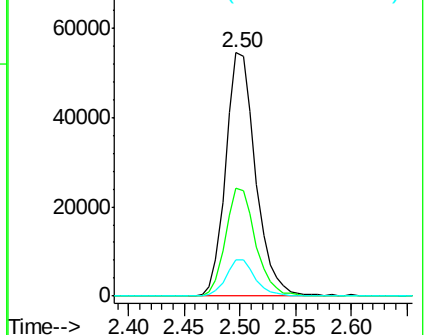
141 14.5 11.8 17.6

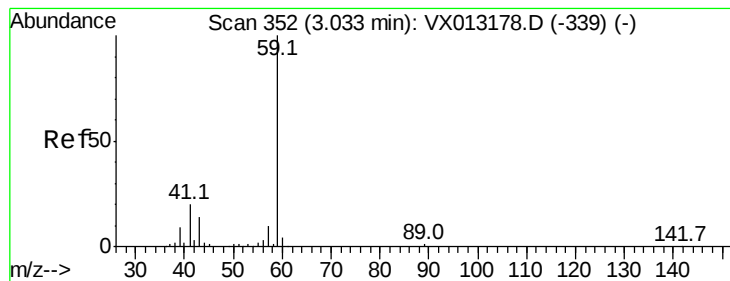


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



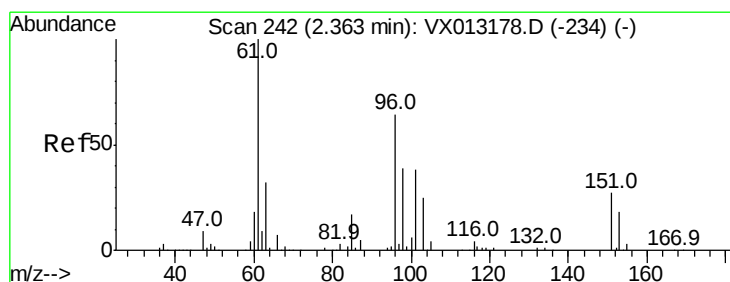
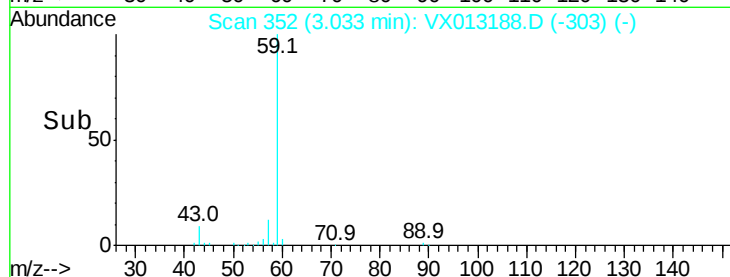
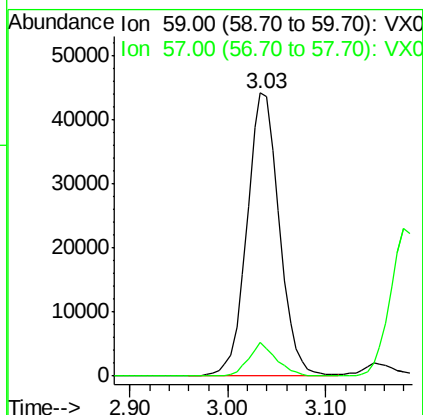
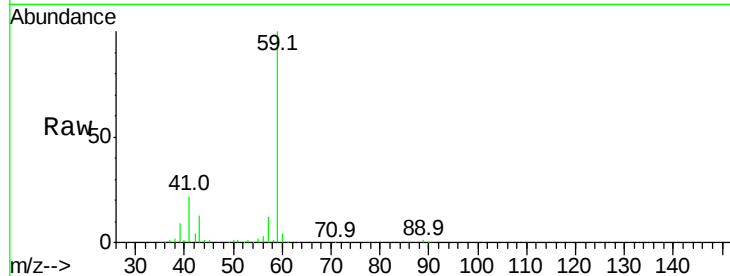


#11

Tert butyl alcohol
 Concen: 207.968 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

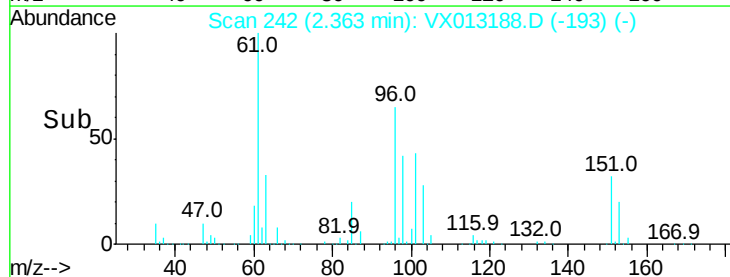
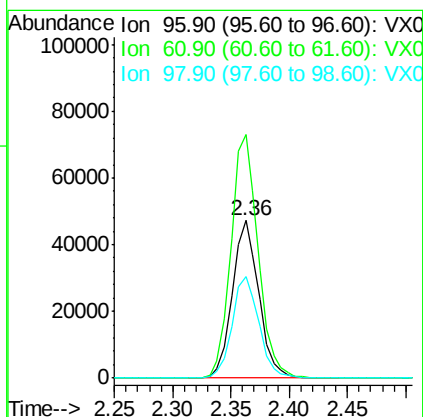
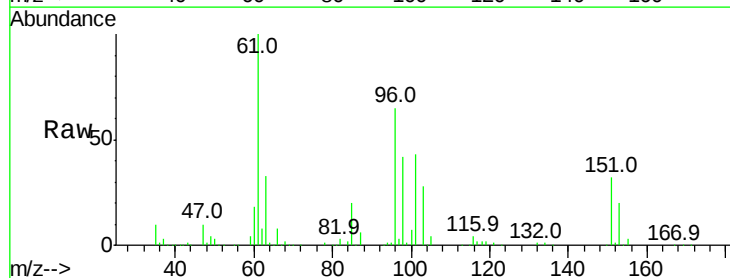
Tgt Ion: 59 Resp: 101545
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

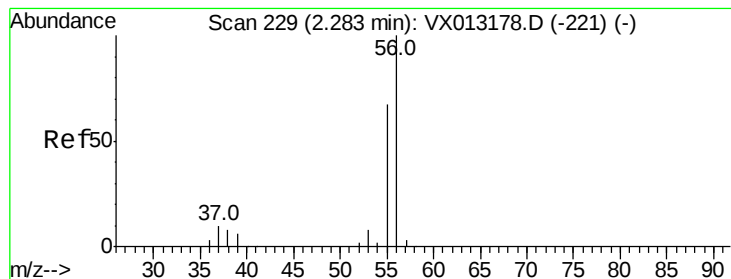


#12

1,1-Dichloroethene
 Concen: 46.695 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion: 96 Resp: 74786
 Ion Ratio Lower Upper
 96 100
 61 154.8 125.4 188.2
 98 64.5 49.0 73.6





#13

Acrolein

Concen: 193.619 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

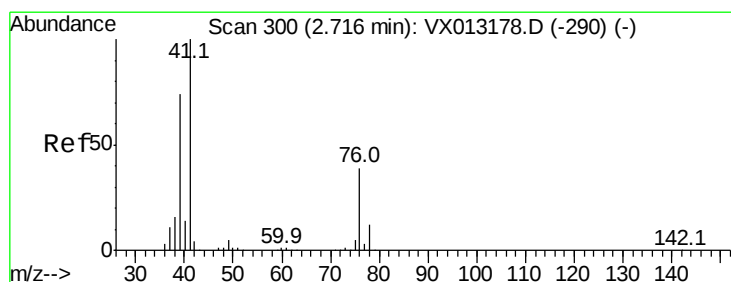
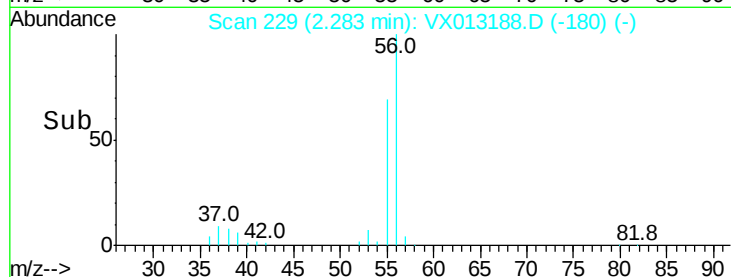
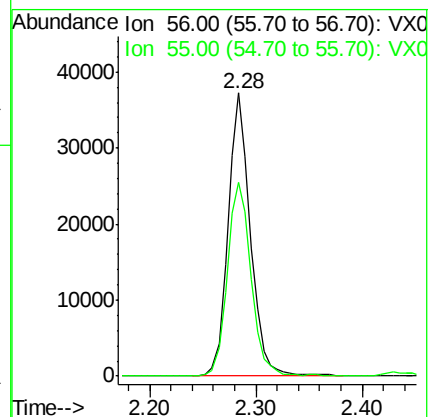
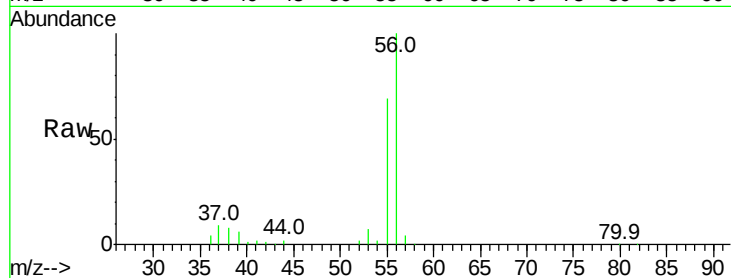
VSTDICCC050

Tgt Ion: 56 Resp: 54296

Ion Ratio Lower Upper

56 100

55 73.6 55.0 82.4



#14

Allyl chloride

Concen: 46.644 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

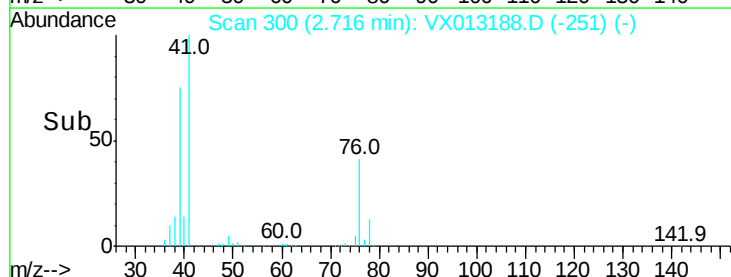
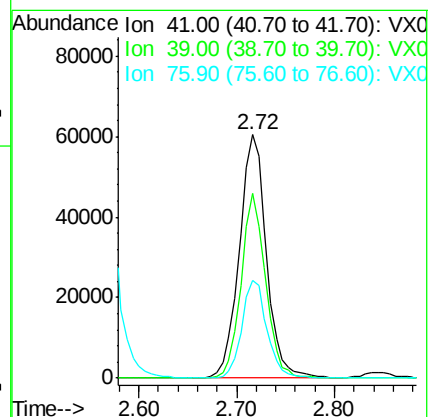
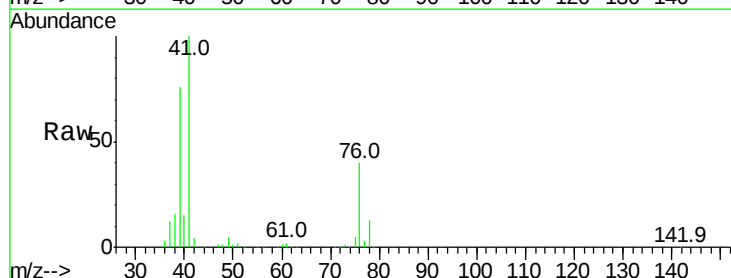
Tgt Ion: 41 Resp: 116656

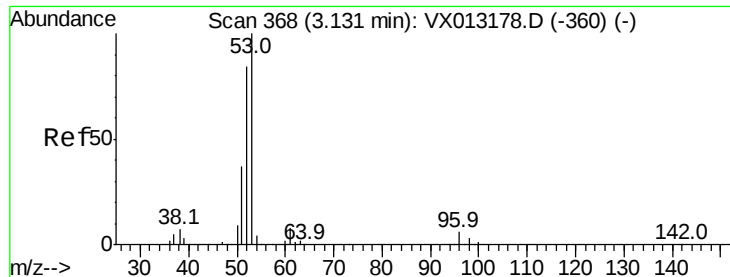
Ion Ratio Lower Upper

41 100

39 68.2 54.2 81.4

76 37.2 29.1 43.7





#15

Acrylonitrile

Concen: 225.857 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

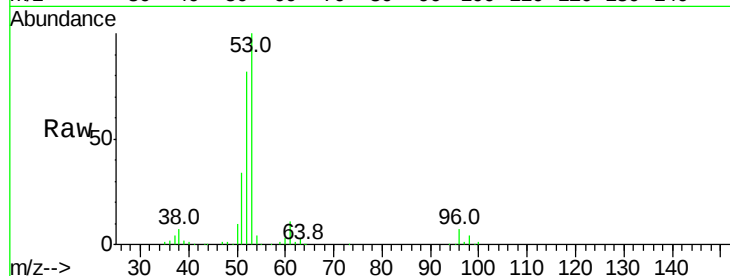
Tgt Ion: 53 Resp: 200406

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

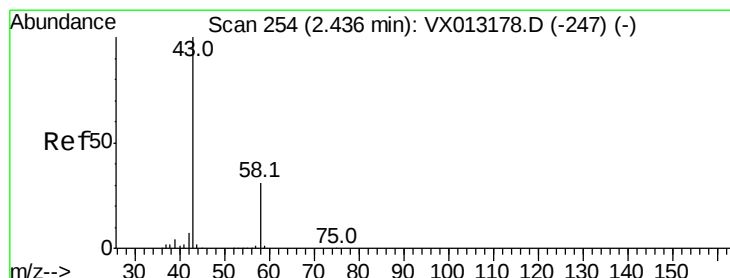
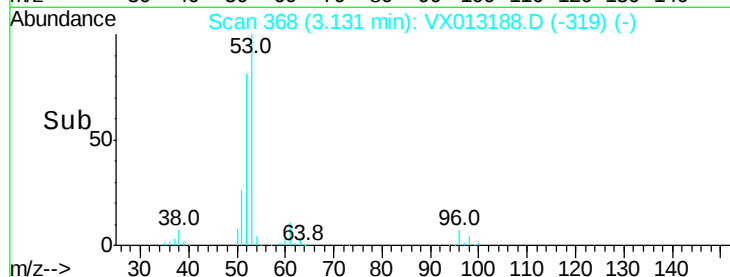
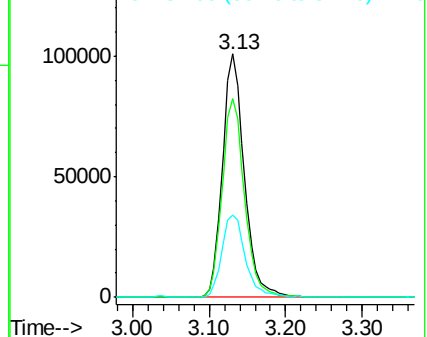
51 36.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.077 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013188.D

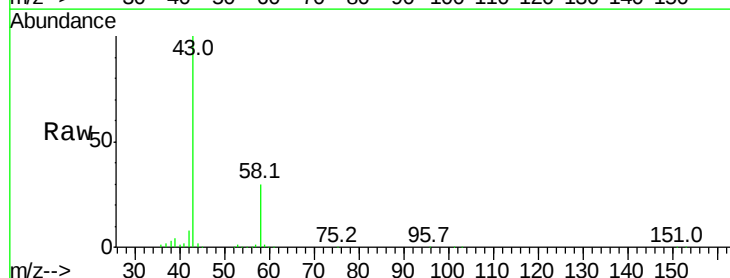
Acq: 23 Oct 2019 14:21

Tgt Ion: 43 Resp: 225750

Ion Ratio Lower Upper

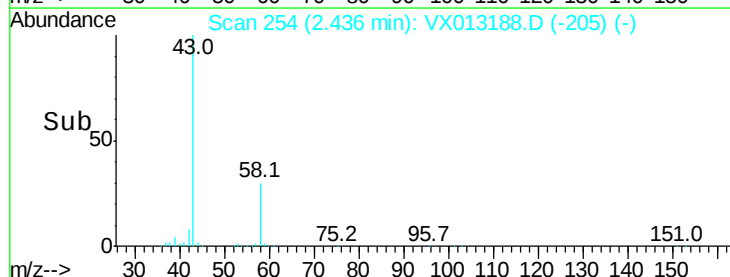
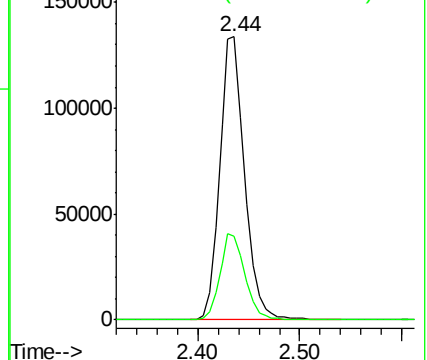
43 100

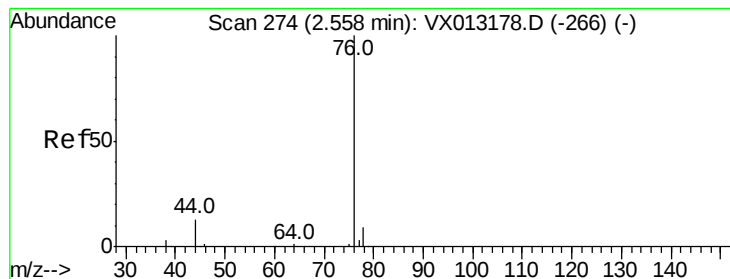
58 29.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.332 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

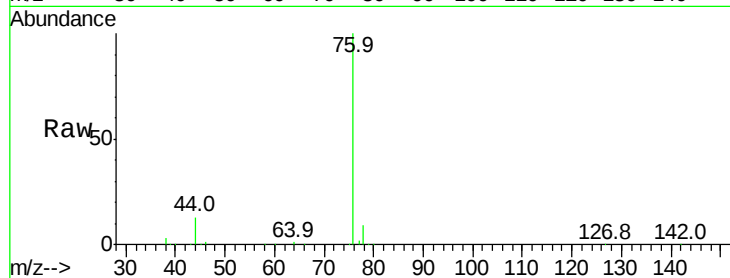
VSTDICCC050

Tgt Ion: 76 Resp: 198550

Ion Ratio Lower Upper

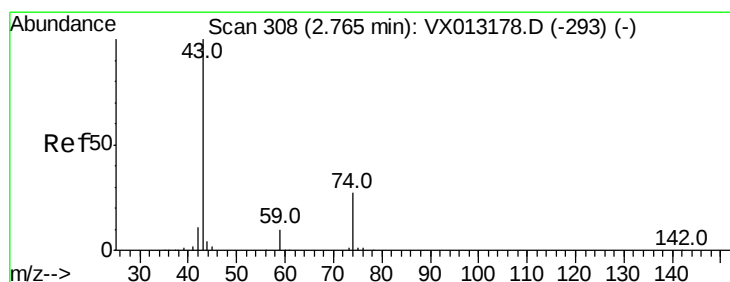
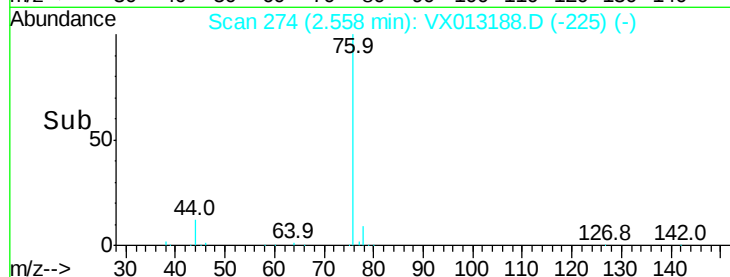
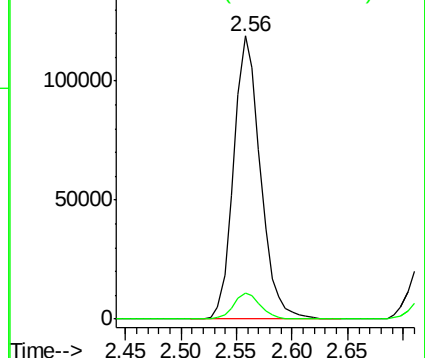
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.826 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013188.D

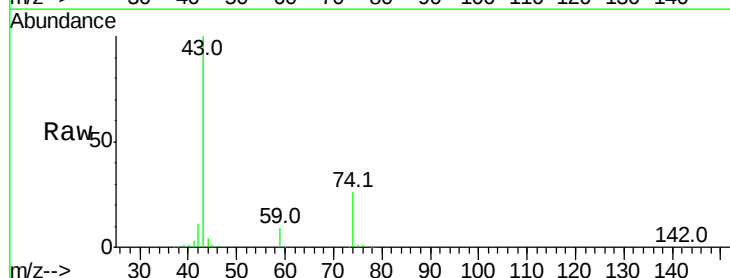
Acq: 23 Oct 2019 14:21

Tgt Ion: 43 Resp: 97011

Ion Ratio Lower Upper

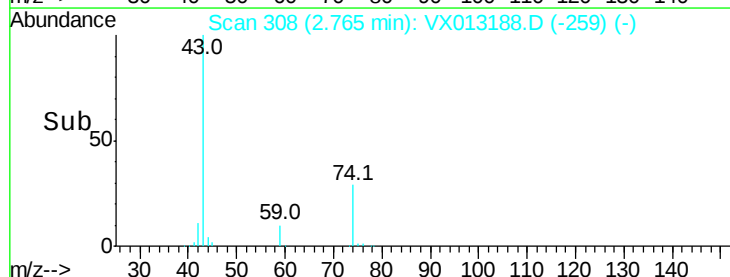
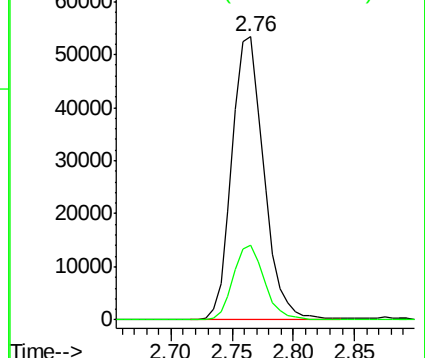
43 100

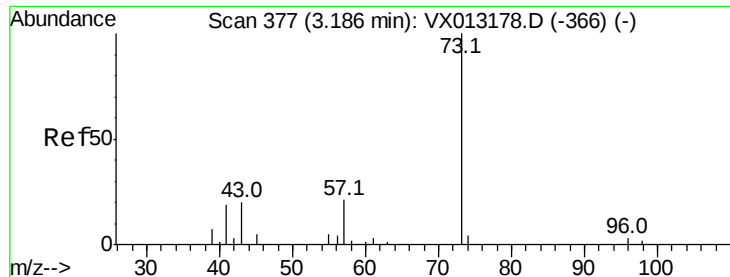
74 26.1 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

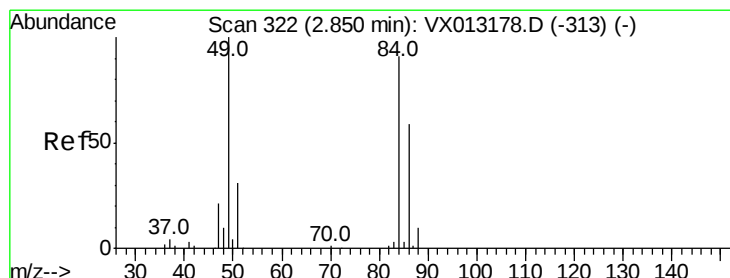
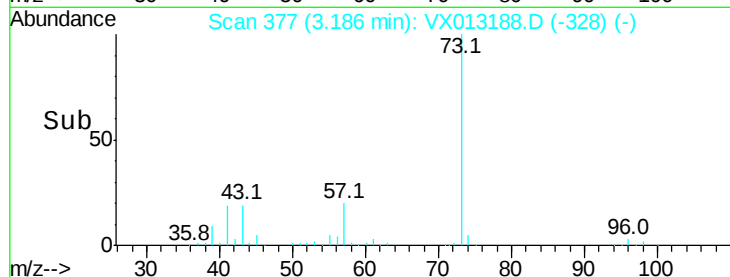
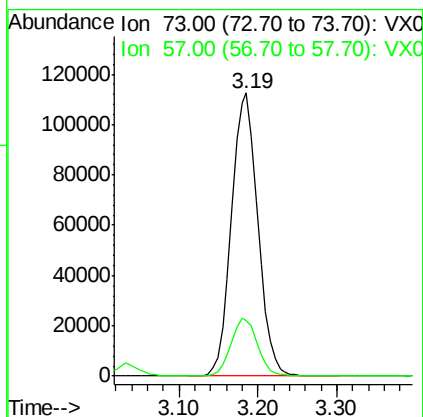
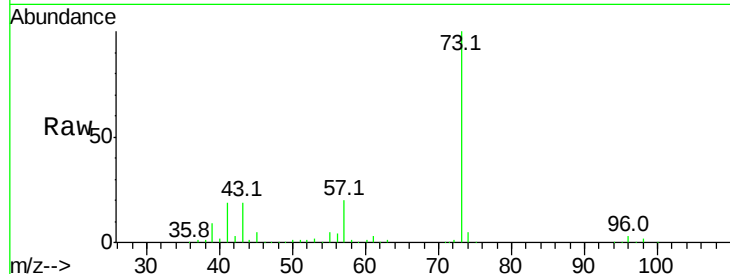




#19
Methyl tert-butyl Ether
Concen: 47.186 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

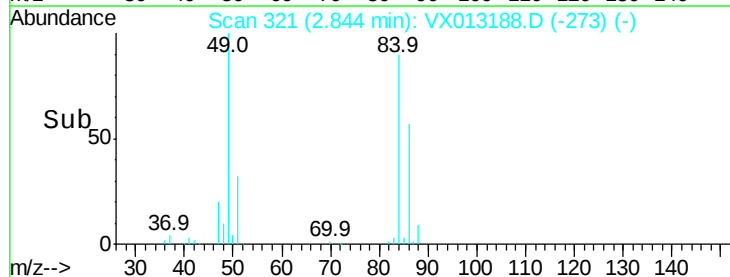
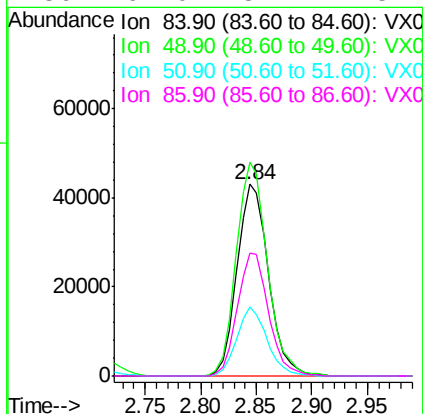
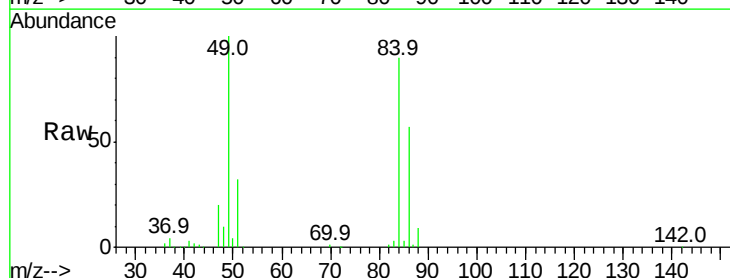
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

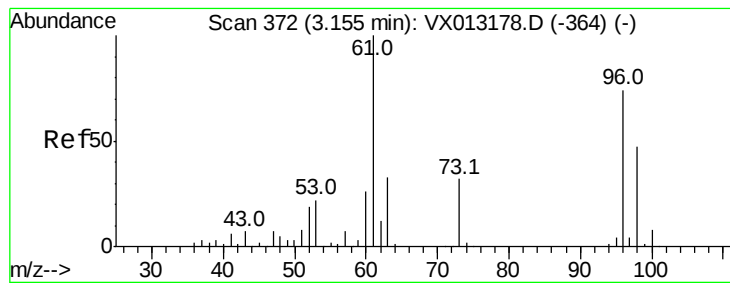
Tgt Ion: 73 Resp: 261850
Ion Ratio Lower Upper
73 100
57 19.8 17.1 25.7



#20
Methylene Chloride
Concen: 43.308 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 84 Resp: 84187
Ion Ratio Lower Upper
84 100
49 111.5 87.8 131.6
51 36.0 27.0 40.6
86 64.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 45.778 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

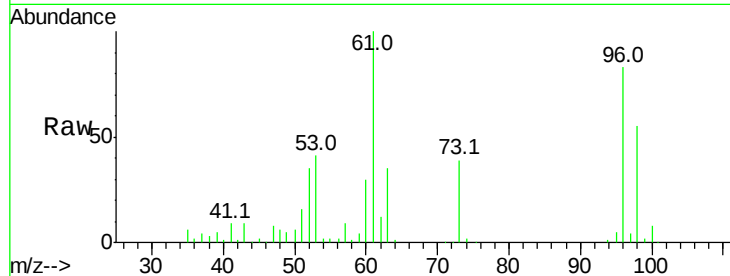
Tgt Ion: 96 Resp: 80551

Ion Ratio Lower Upper

96 100

61 121.1 108.1 162.1

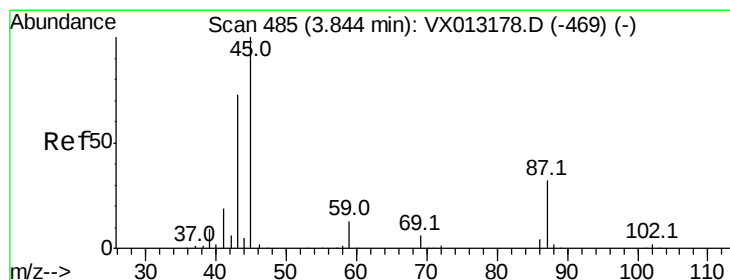
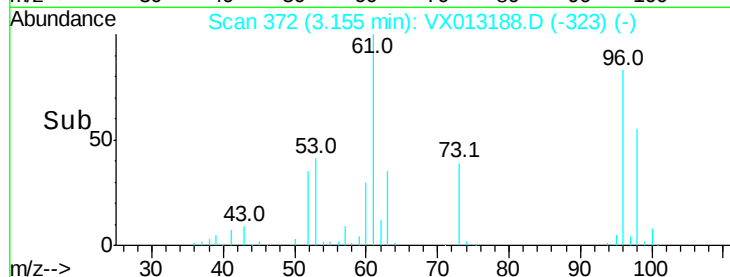
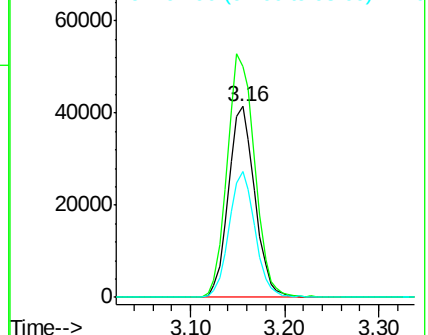
98 66.2 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.736 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Tgt Ion: 45 Resp: 227829

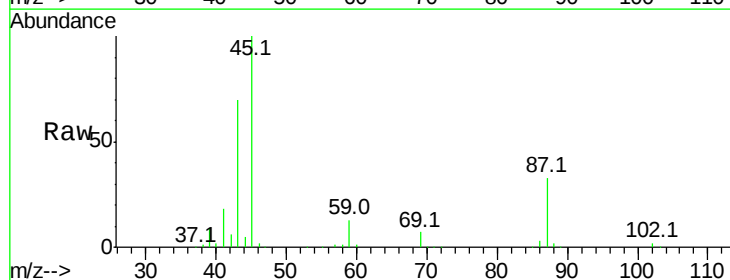
Ion Ratio Lower Upper

45 100

43 69.4 58.1 87.1

87 33.4 25.9 38.9

59 12.7 10.1 15.1

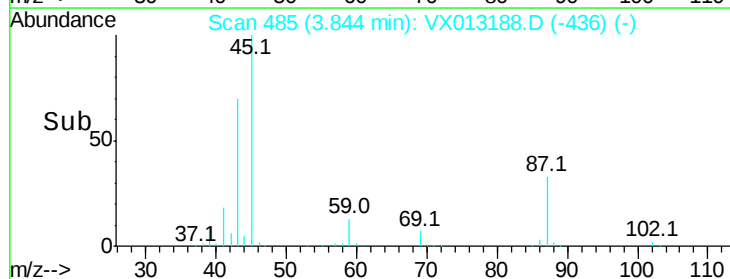
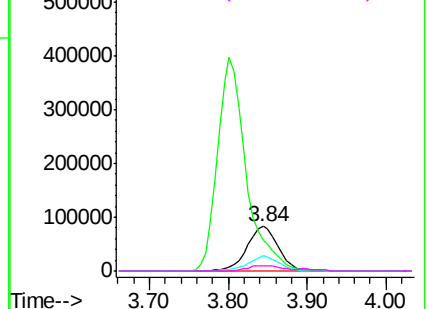


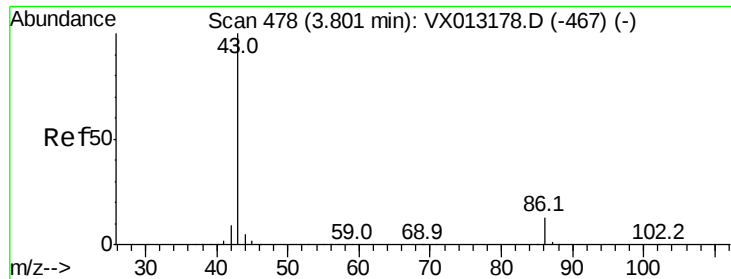
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.956 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

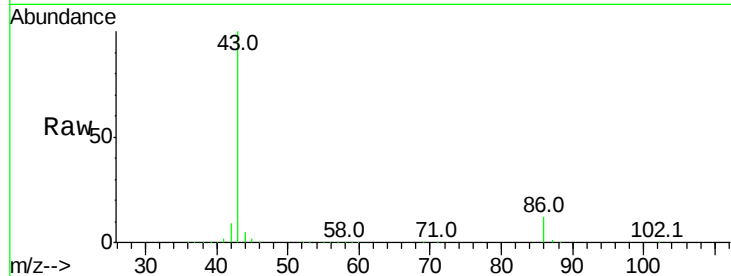
VSTDICCC050

Tgt Ion: 43 Resp: 1009458

Ion Ratio Lower Upper

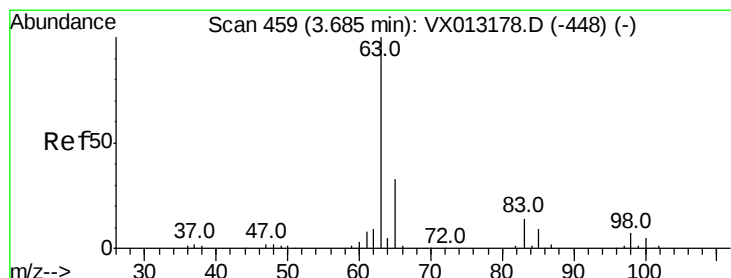
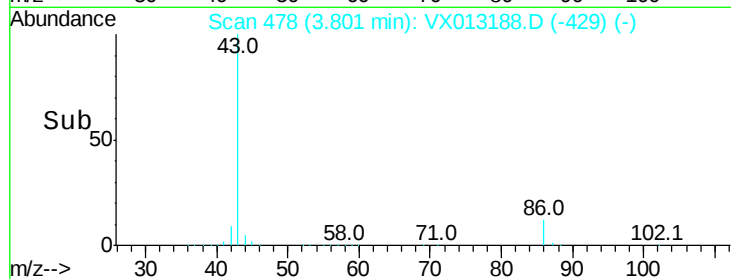
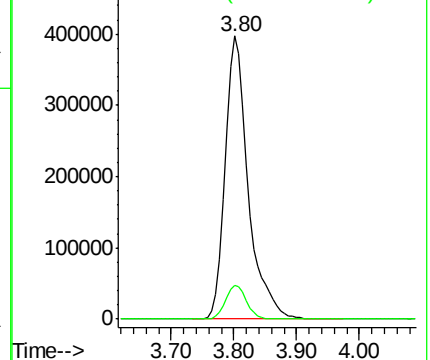
43 100

86 12.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.866 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

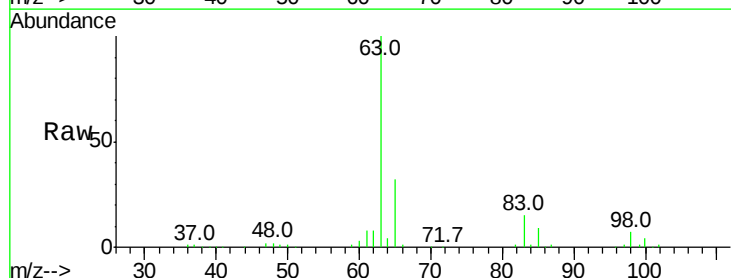
Tgt Ion: 63 Resp: 139972

Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

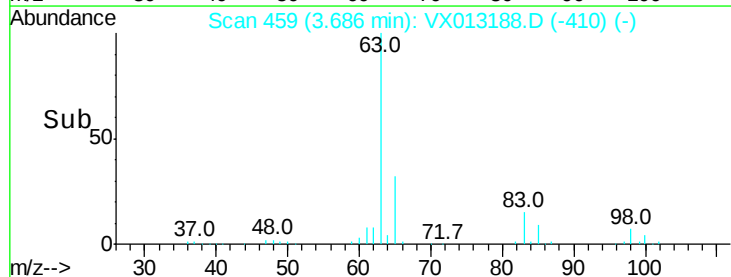
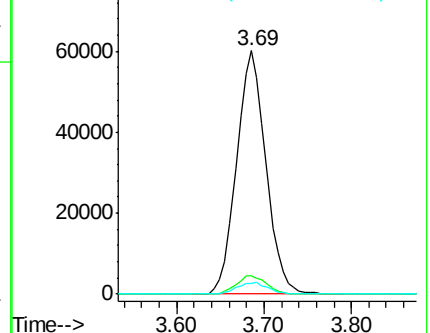
100 4.4 2.5 7.4

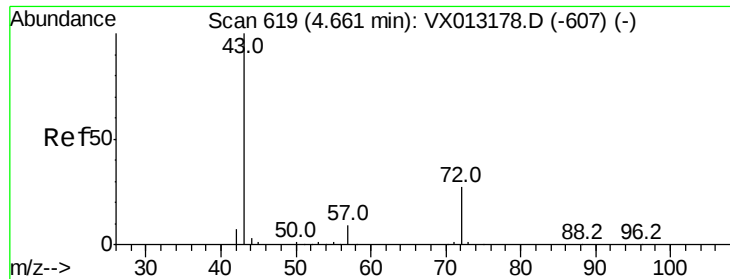


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.925 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

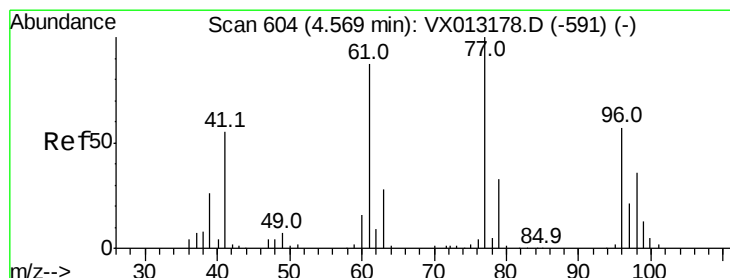
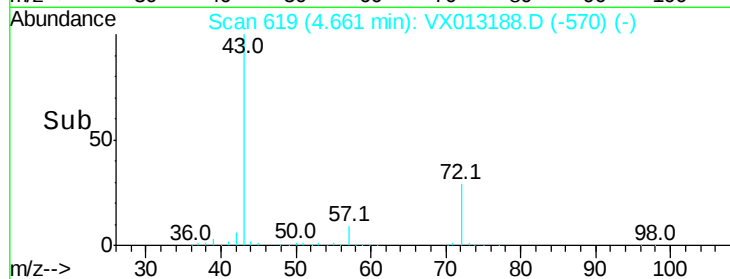
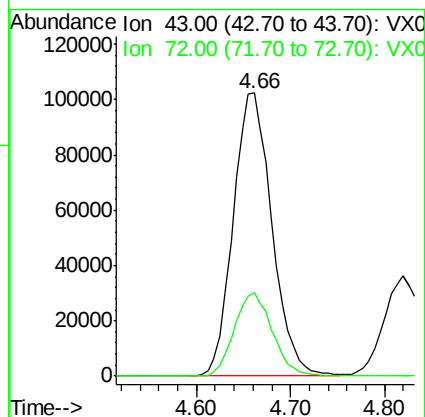
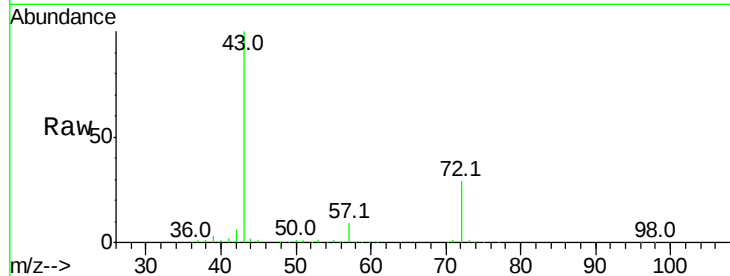
VSTDICCC050

Tgt Ion: 43 Resp: 292510

Ion Ratio Lower Upper

43 100

72 29.3 22.0 33.0



#26

2,2-Dichloropropane

Concen: 49.485 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013188.D

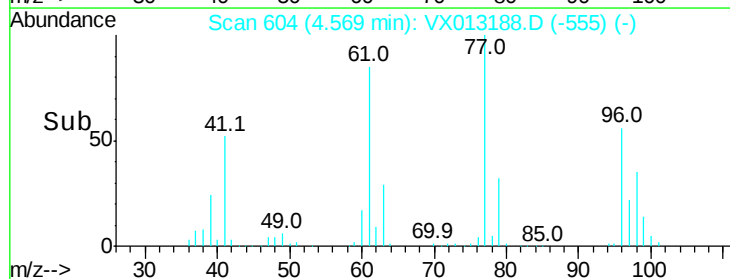
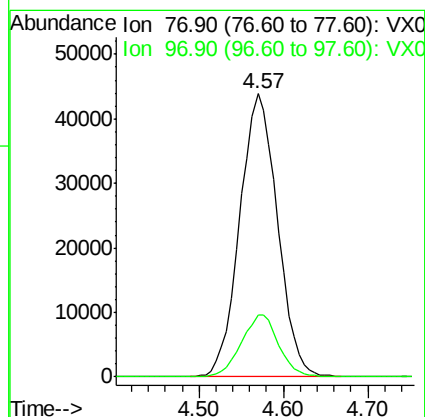
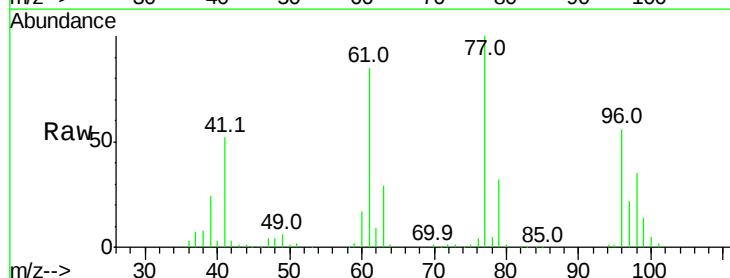
Acq: 23 Oct 2019 14:21

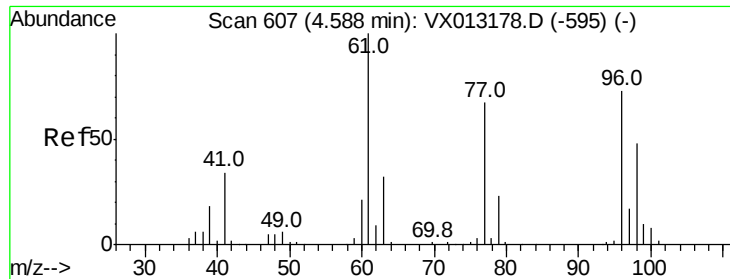
Tgt Ion: 77 Resp: 133154

Ion Ratio Lower Upper

77 100

97 21.7 11.1 33.3



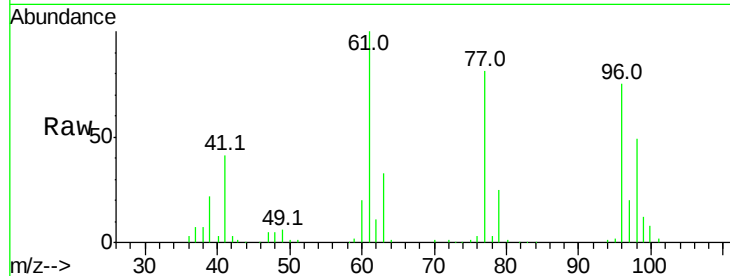


#27

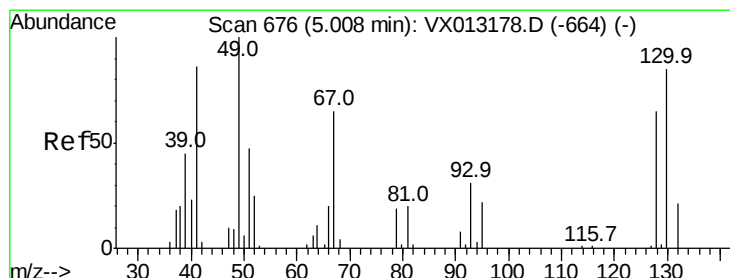
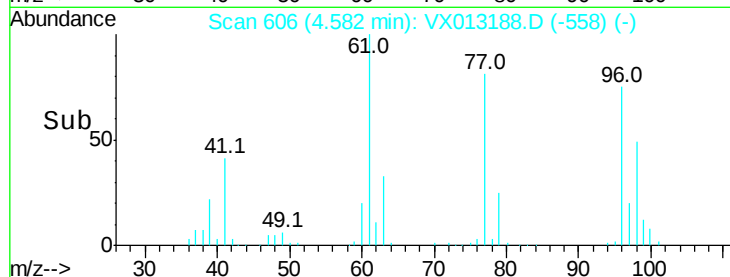
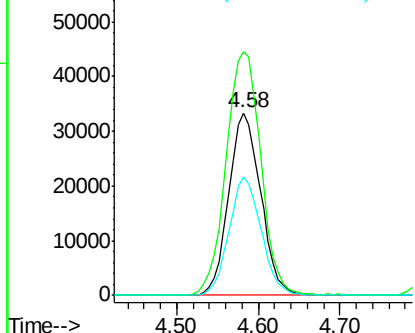
cis-1,2-Dichloroethene
Concen: 45.981 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 90459
Ion Ratio Lower Upper
96 100
61 145.2 0.0 288.0
98 65.2 0.0 131.2



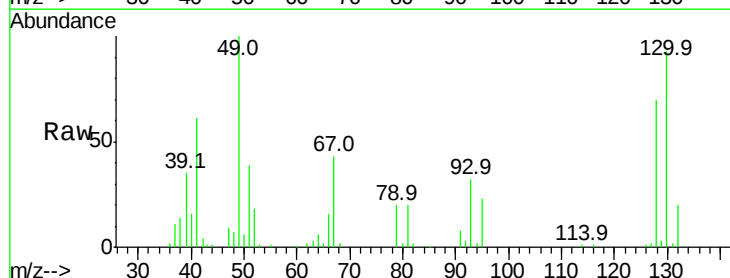
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



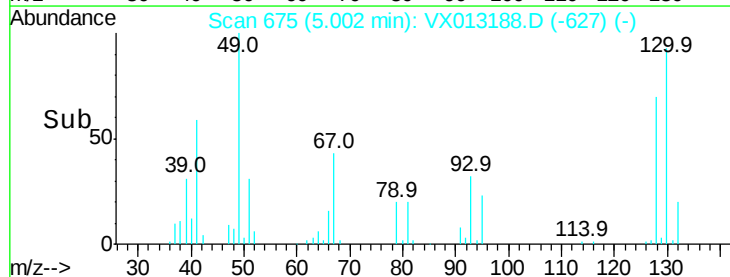
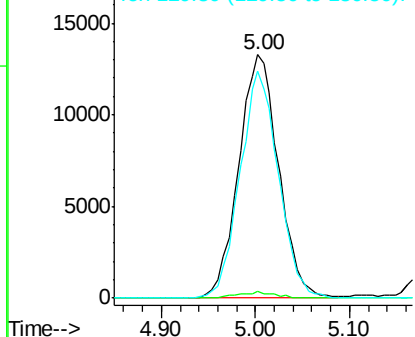
#28

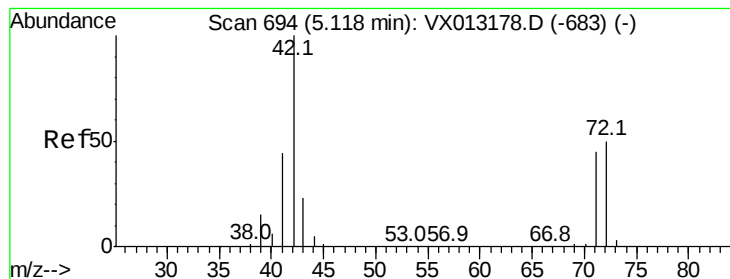
Bromochloromethane
Concen: 49.096 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 49 Resp: 39202
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.8
130 89.8 71.5 107.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 223.071 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

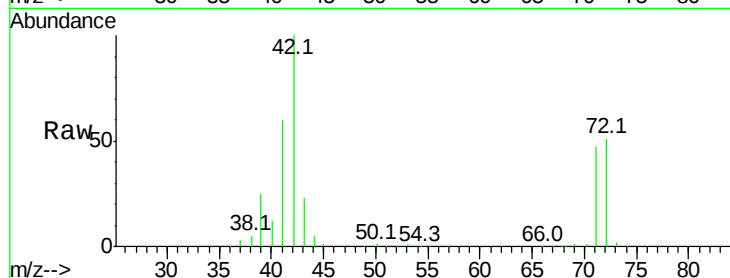
Tgt Ion: 42 Resp: 169525

Ion Ratio Lower Upper

42 100

72 51.1 40.2 60.2

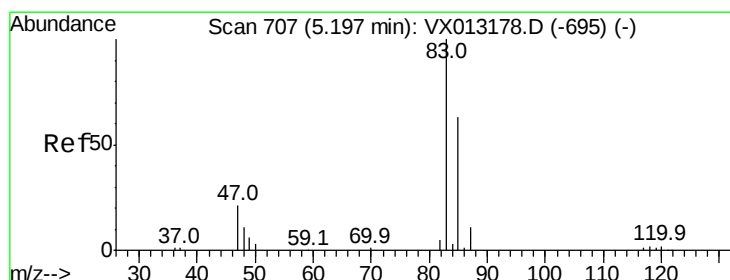
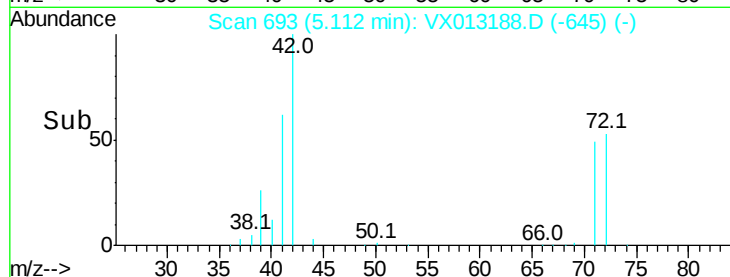
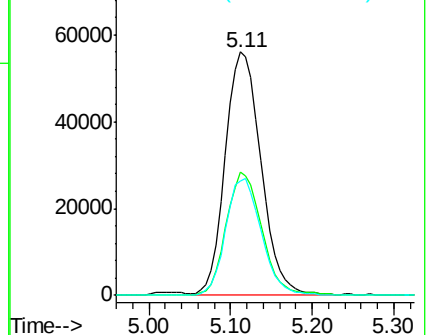
71 48.2 37.0 55.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.303 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013188.D

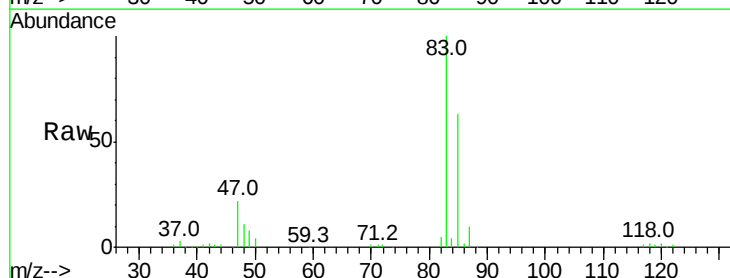
Acq: 23 Oct 2019 14:21

Tgt Ion: 83 Resp: 149451

Ion Ratio Lower Upper

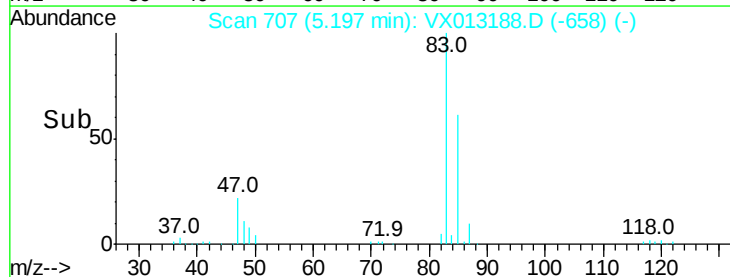
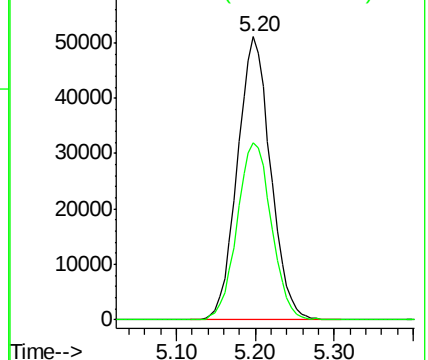
83 100

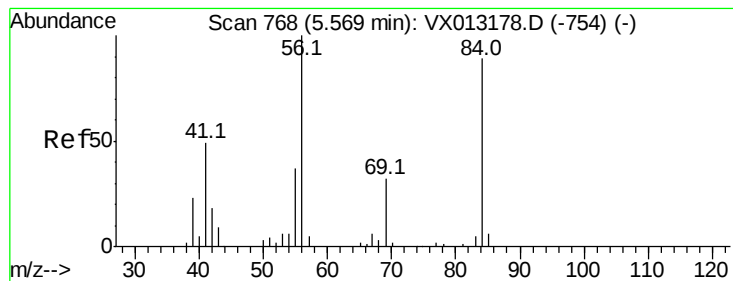
85 62.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.221 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

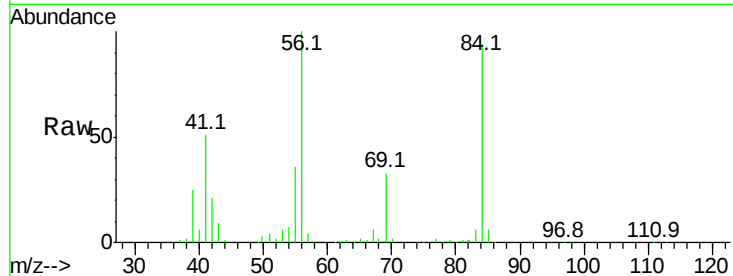
Tgt Ion: 56 Resp: 124921

Ion Ratio Lower Upper

56 100

69 32.9 25.9 38.9

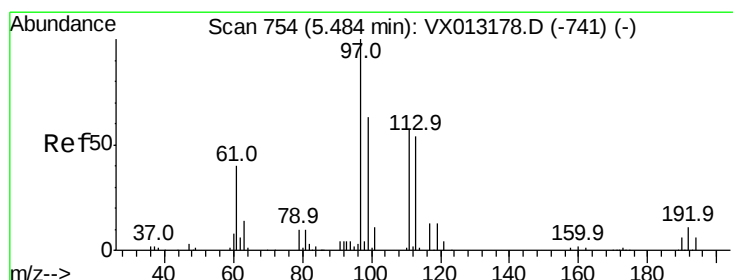
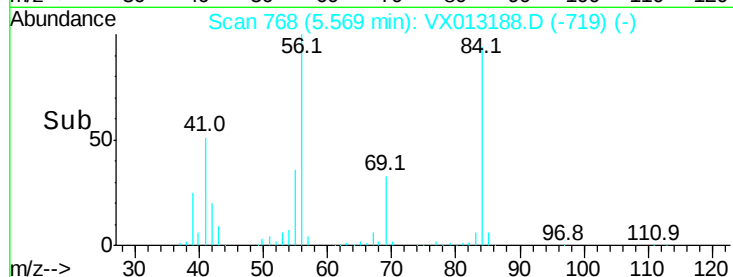
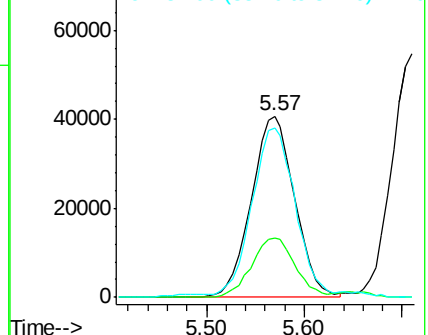
84 92.2 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.866 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

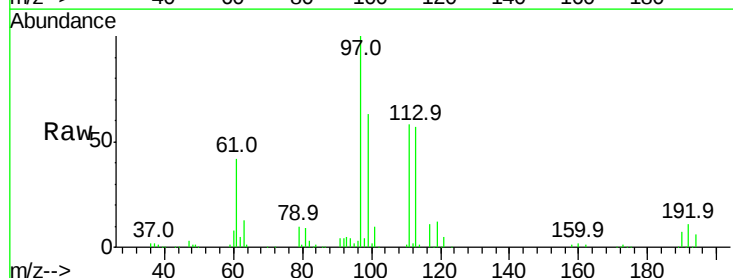
Tgt Ion: 97 Resp: 138598

Ion Ratio Lower Upper

97 100

99 63.5 50.9 76.3

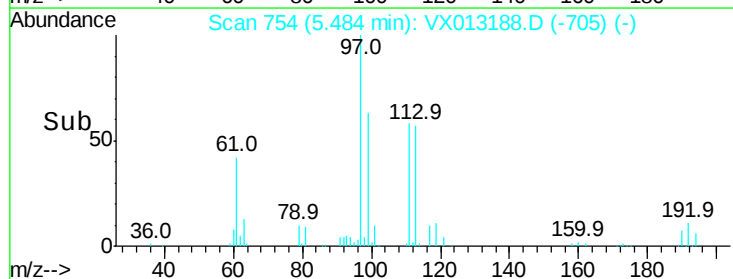
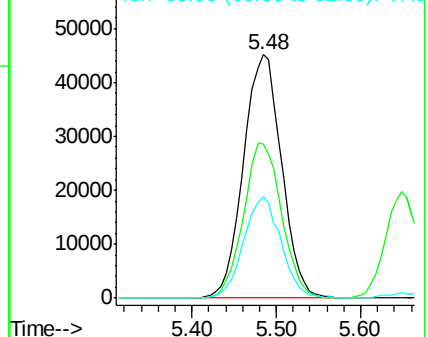
61 41.0 32.6 48.8

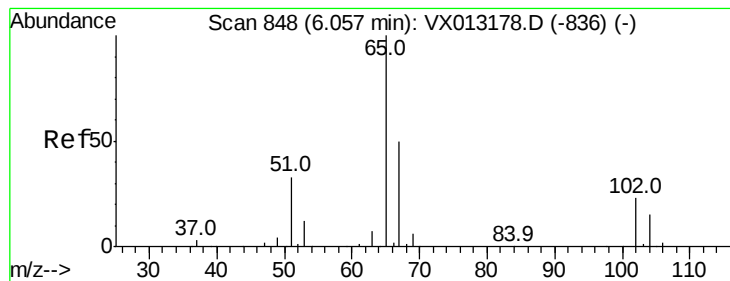


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.213 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

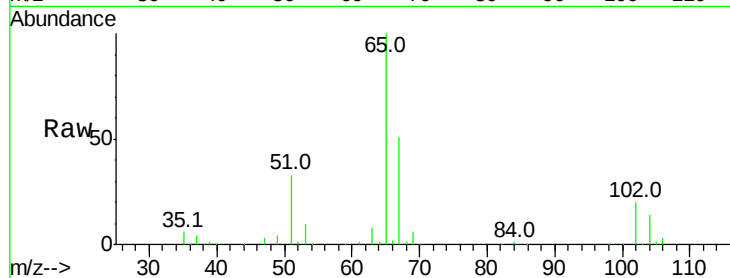
VSTDICCC050

Tgt Ion: 65 Resp: 92454

Ion Ratio Lower Upper

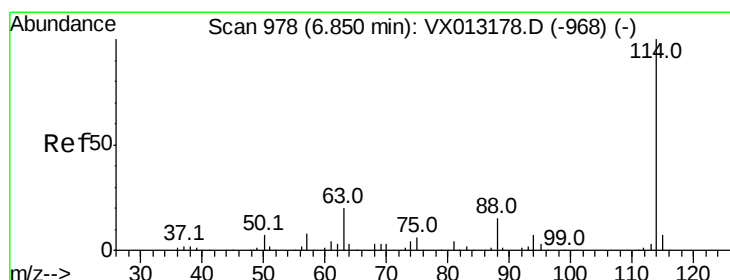
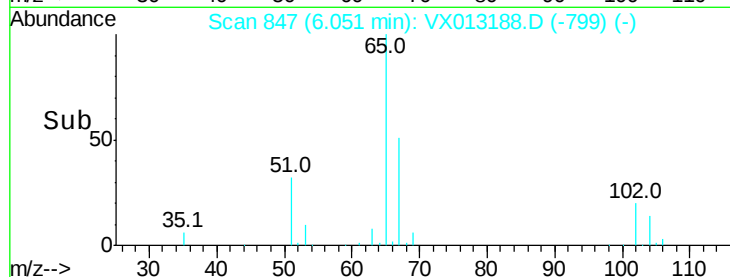
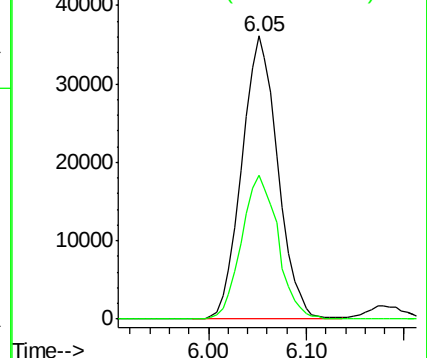
65 100

67 51.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

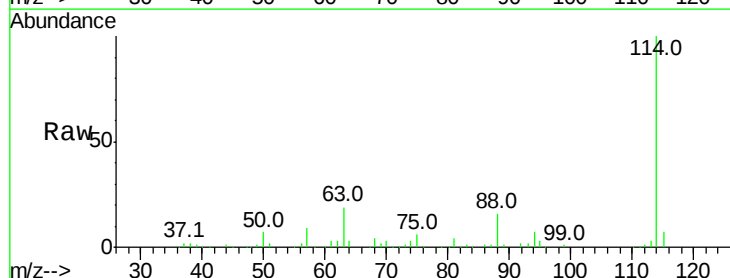
Tgt Ion: 114 Resp: 132085

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

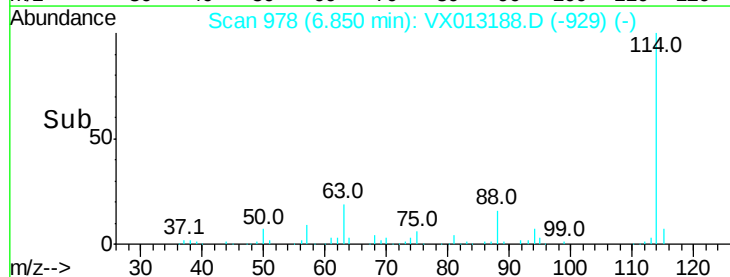
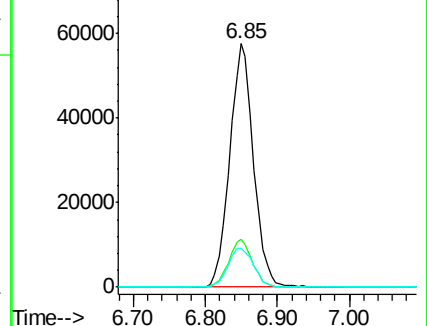
88 16.0 0.0 30.6

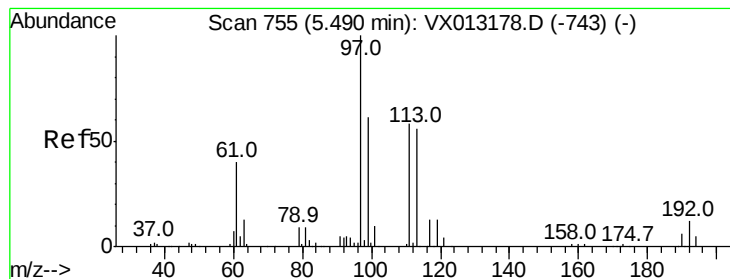


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.912 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

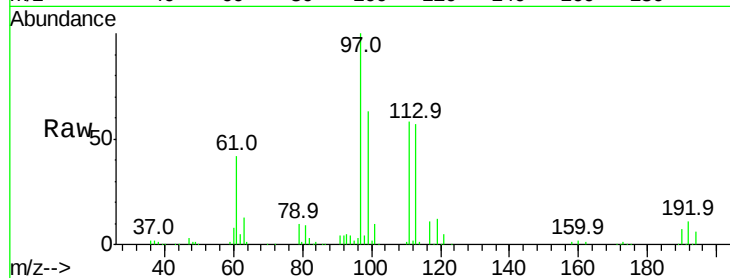
Tgt Ion:113 Resp: 73820

Ion Ratio Lower Upper

113 100

111 100.4 82.0 123.0

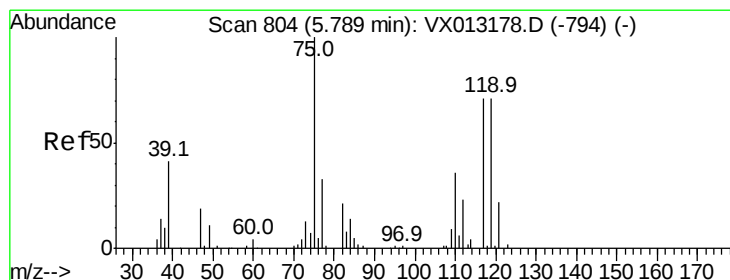
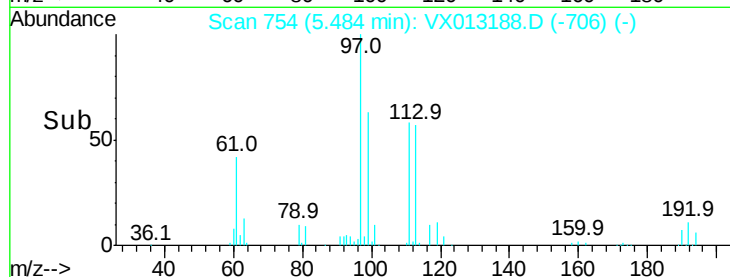
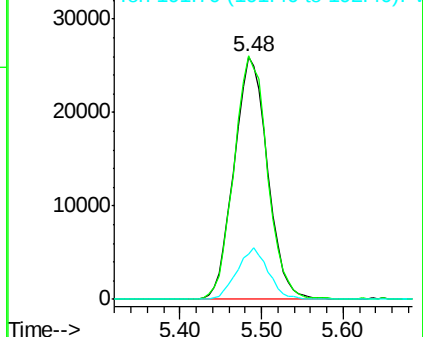
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.654 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

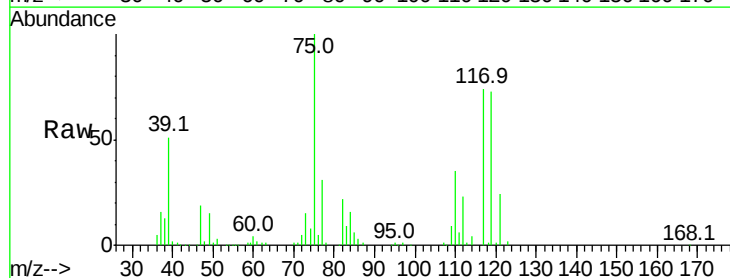
Tgt Ion: 75 Resp: 112784

Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.1

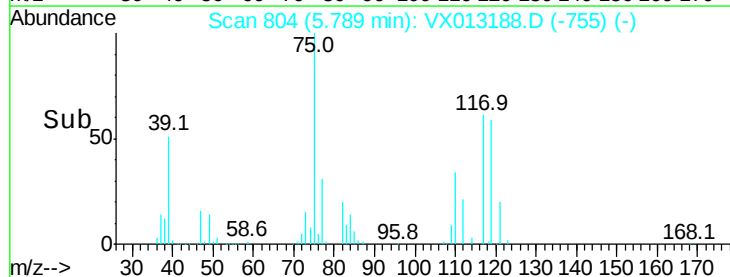
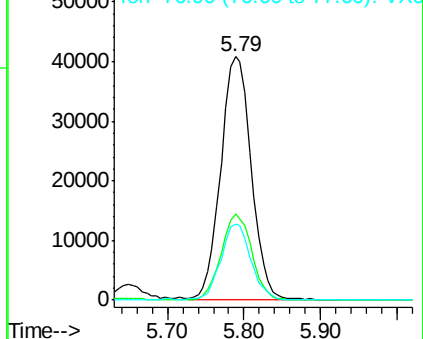
77 30.9 25.2 37.8

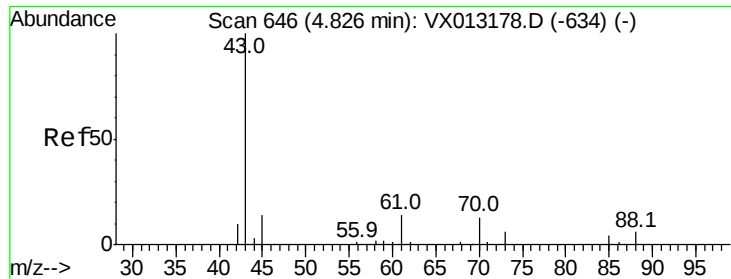


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

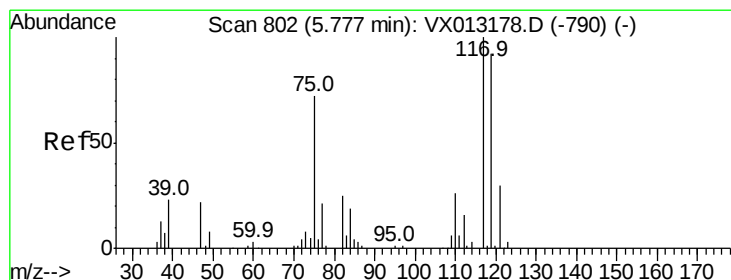
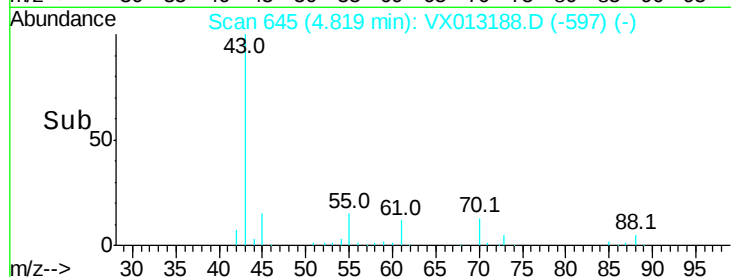
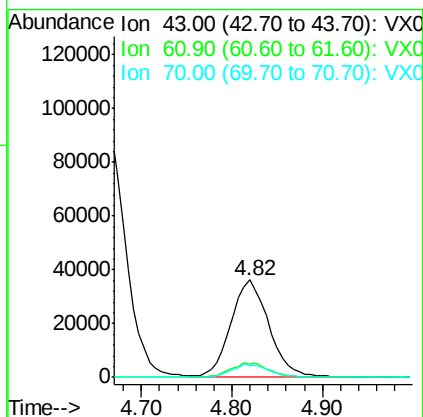
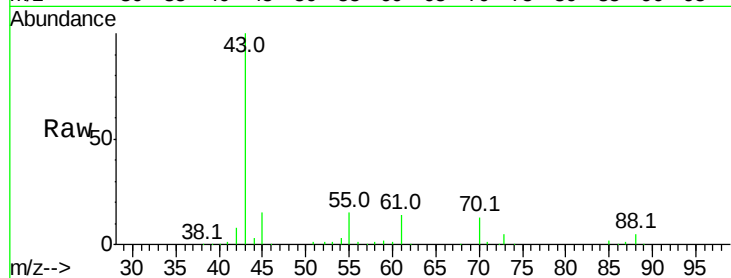




#37
Ethyl Acetate
Concen: 44.552 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

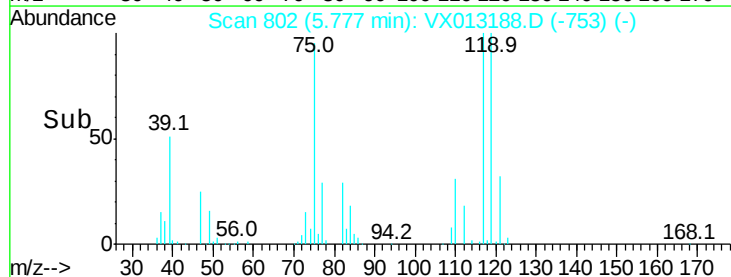
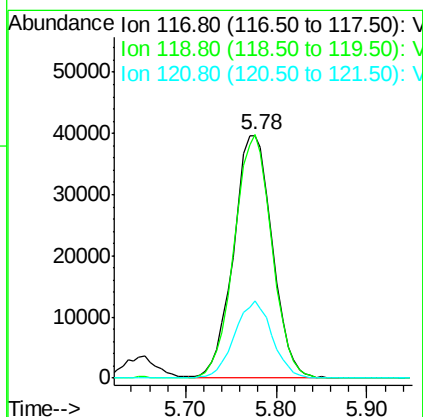
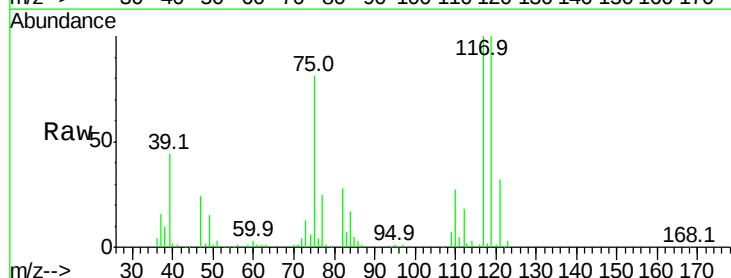
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

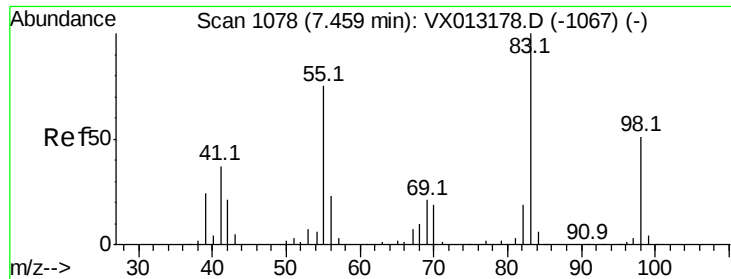
Tgt Ion: 43 Resp: 104183
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.938 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 117 Resp: 118139
Ion Ratio Lower Upper
117 100
119 100.1 73.8 110.6
121 31.9 24.3 36.5

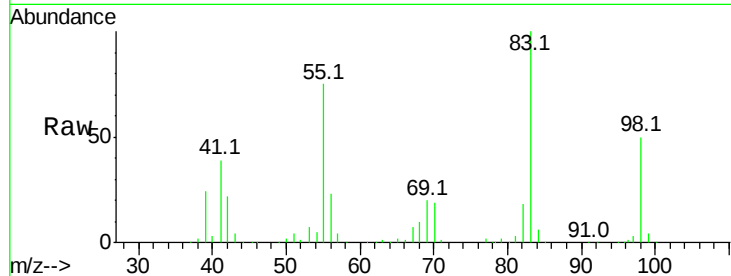




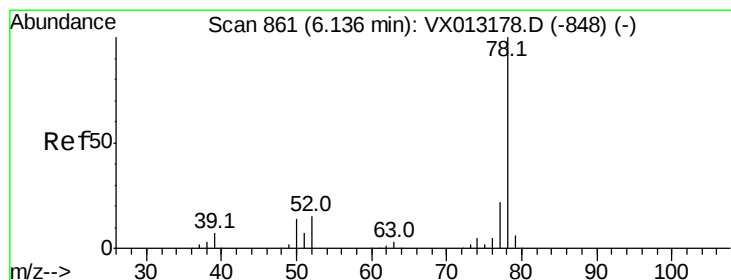
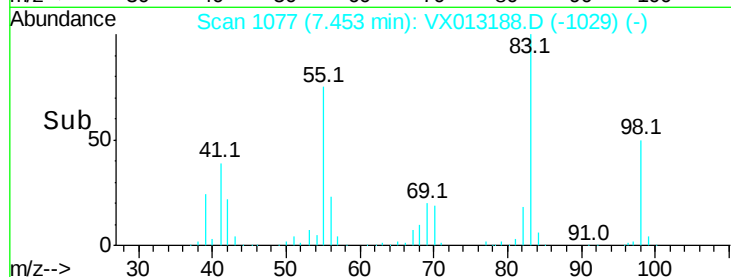
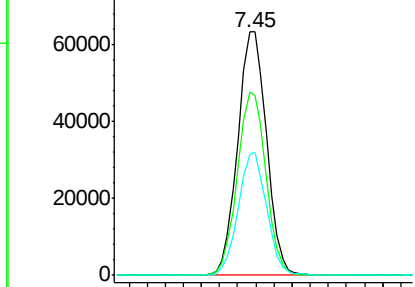
#39
Methylcyclohexane
Concen: 49.708 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 139502
Ion Ratio Lower Upper
83 100
55 75.1 60.3 90.5
98 49.8 40.6 61.0

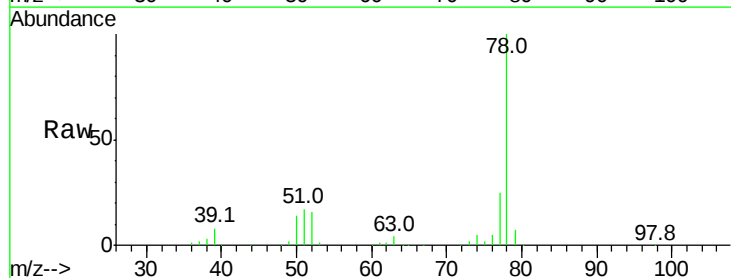


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

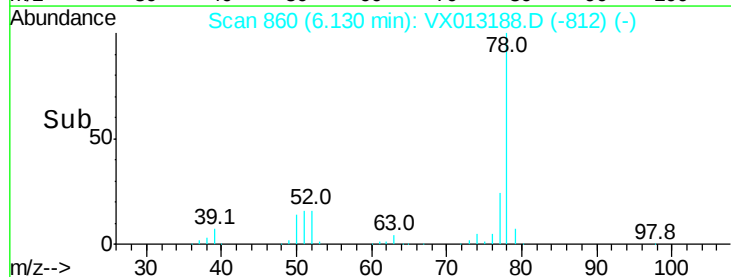
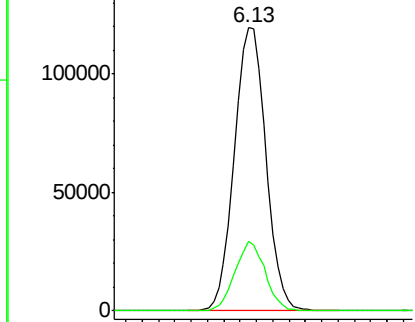


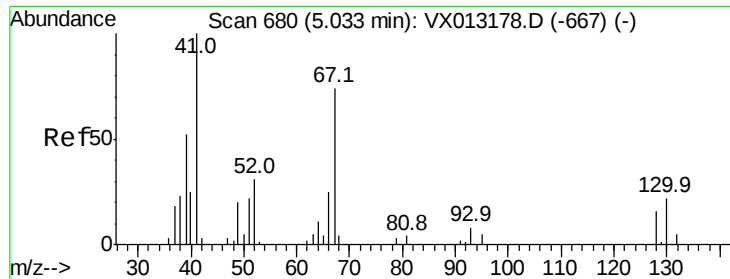
#40
Benzene
Concen: 47.676 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 78 Resp: 320860
Ion Ratio Lower Upper
78 100
77 24.5 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

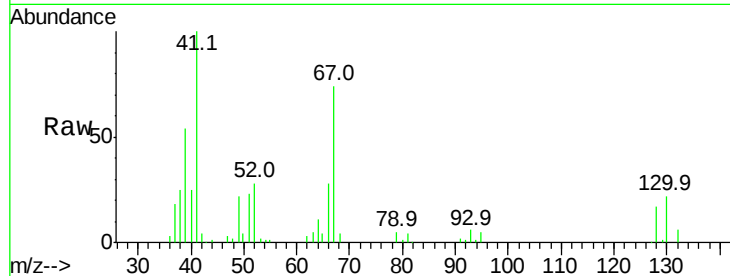




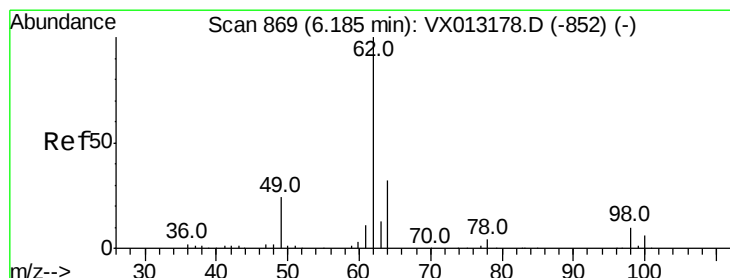
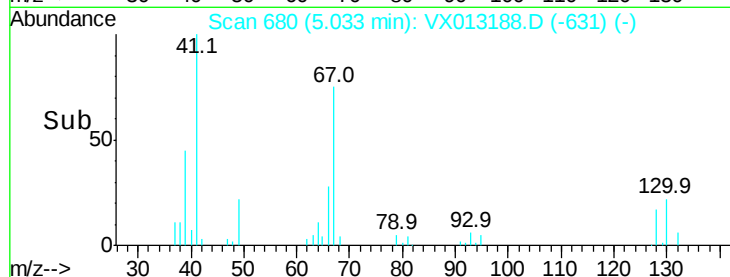
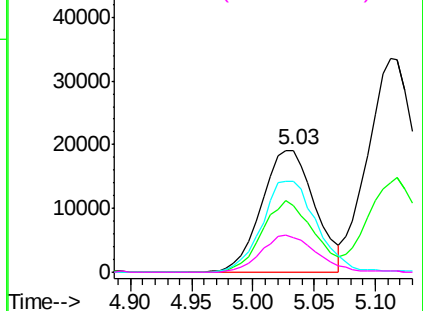
#41
Methacrylonitrile
Concen: 46.865 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	58054
Ion	Ratio	Lower	Upper
41	100		
39	56.5	43.3	64.9
67	76.6	62.5	93.7
52	31.4	25.4	38.0

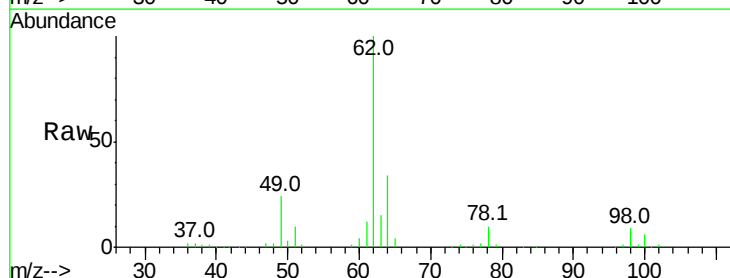


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

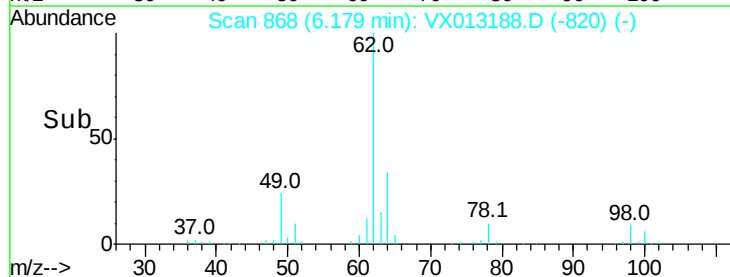
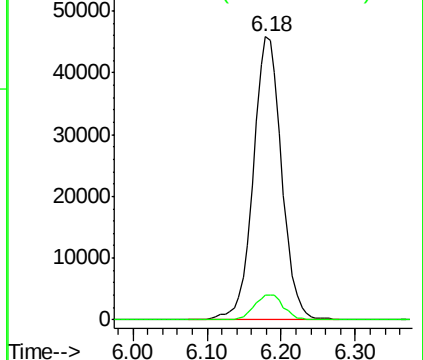


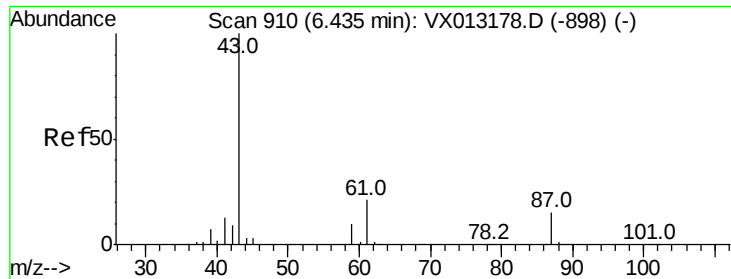
#42
1,2-Dichloroethane
Concen: 48.386 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion:	62	Resp:	122348
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.974 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

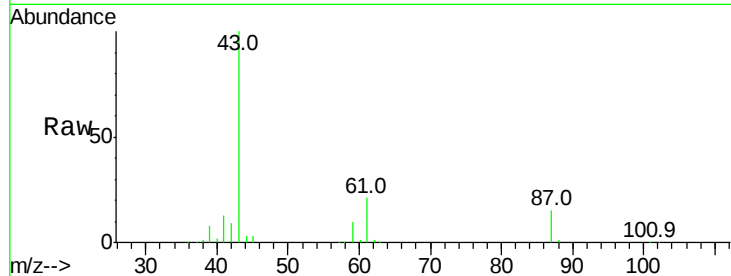
Tgt Ion: 43 Resp: 178986

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

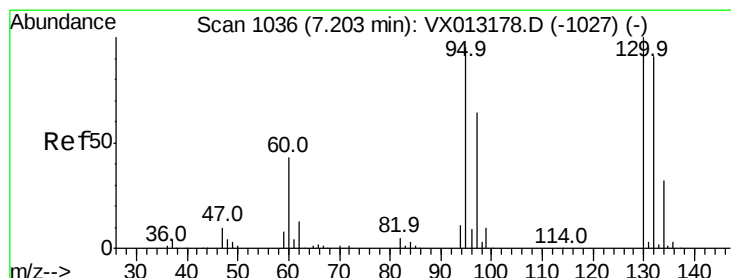
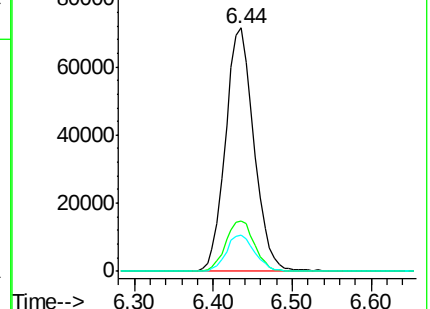
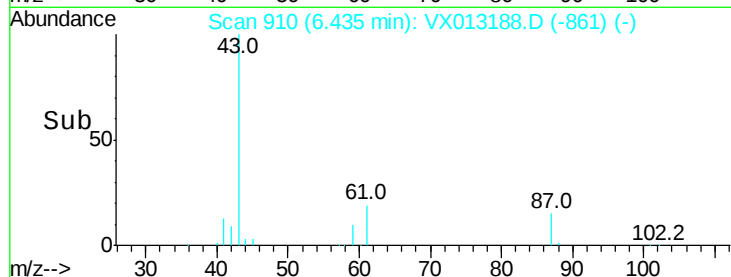
87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.667 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013188.D

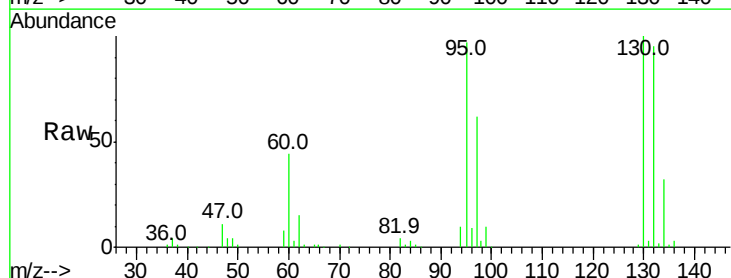
Acq: 23 Oct 2019 14:21

Tgt Ion: 130 Resp: 90881

Ion Ratio Lower Upper

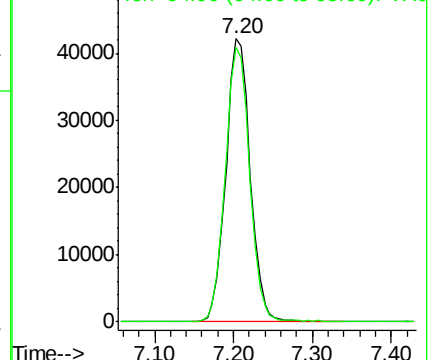
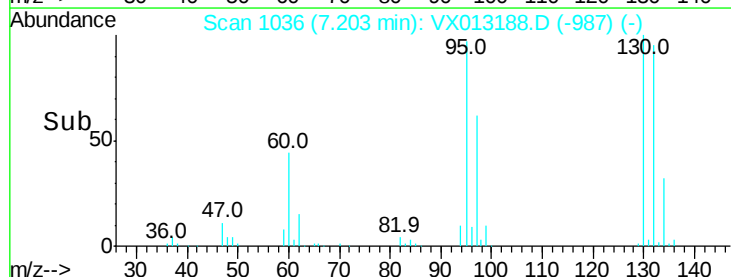
130 100

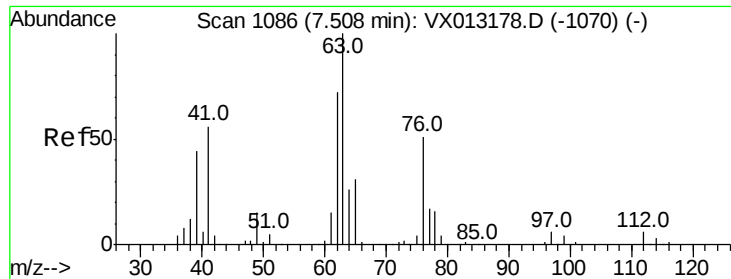
95 96.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.935 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

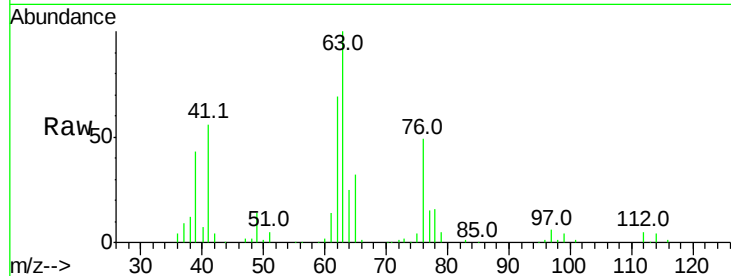
VSTDICCC050

Tgt Ion: 63 Resp: 78399

Ion Ratio Lower Upper

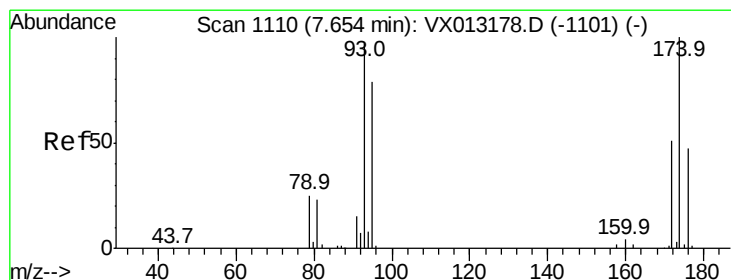
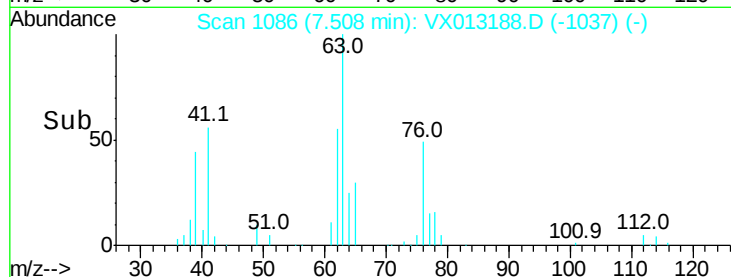
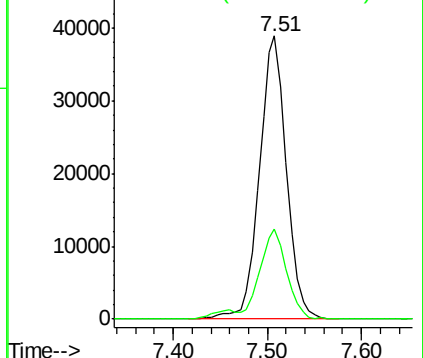
63 100

65 31.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.515 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

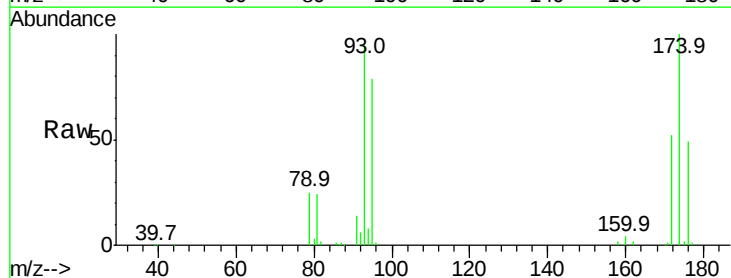
Tgt Ion: 93 Resp: 57197

Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

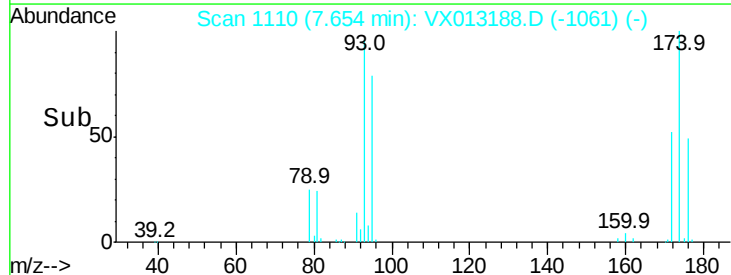
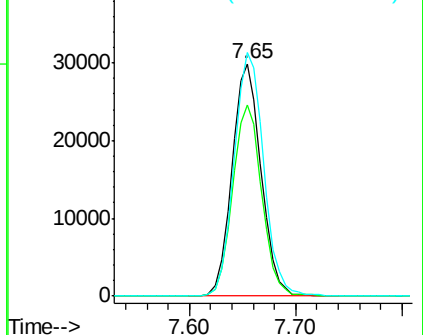
174 106.5 83.0 124.4

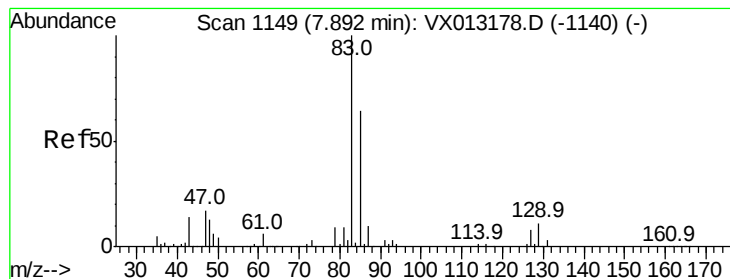


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.272 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

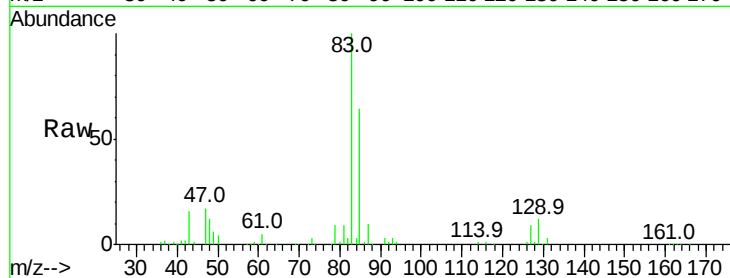
Tgt Ion: 83 Resp: 114460

Ion Ratio Lower Upper

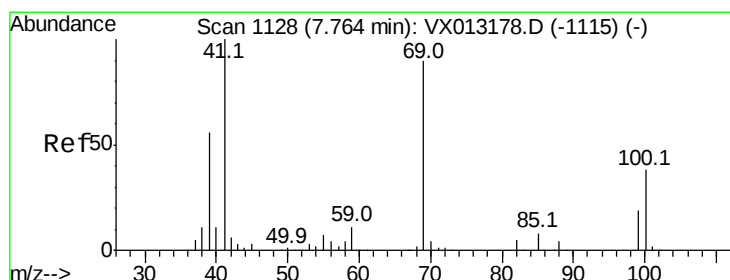
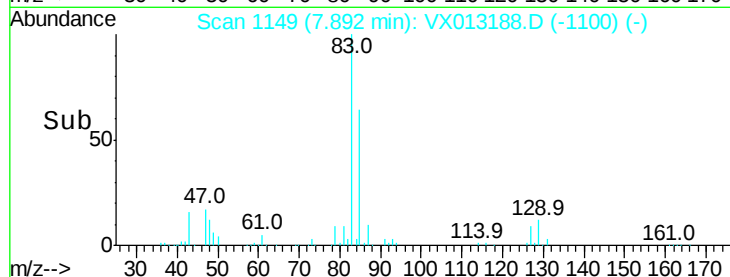
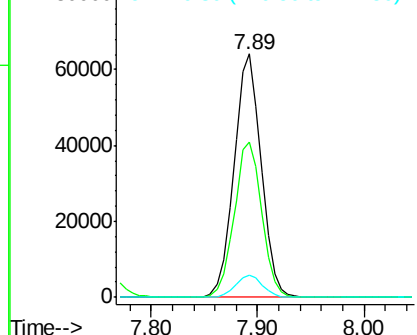
83 100

85 63.8 50.9 76.3

127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.026 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

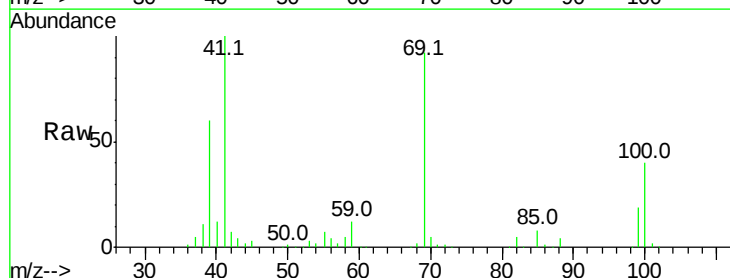
Tgt Ion: 41 Resp: 86893

Ion Ratio Lower Upper

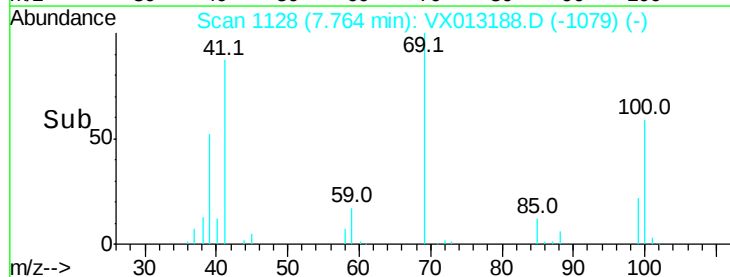
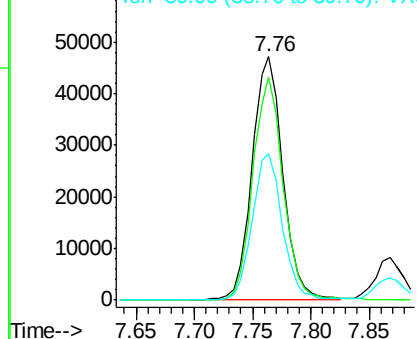
41 100

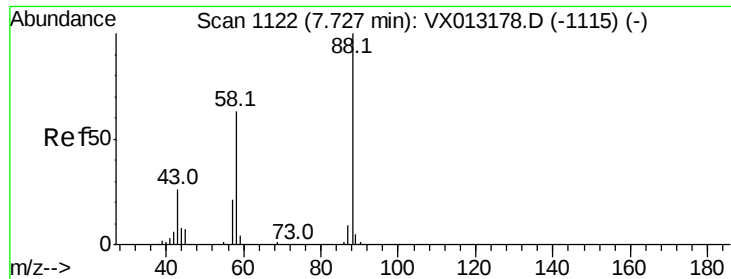
69 90.0 72.2 108.4

39 59.2 45.6 68.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

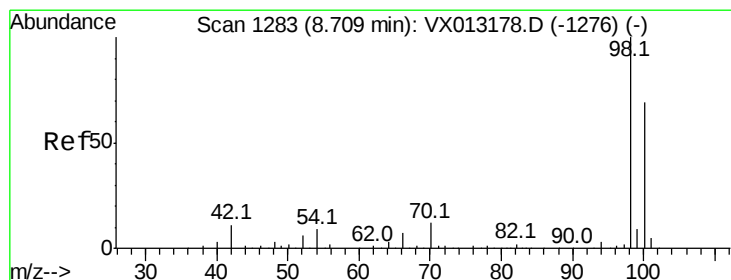
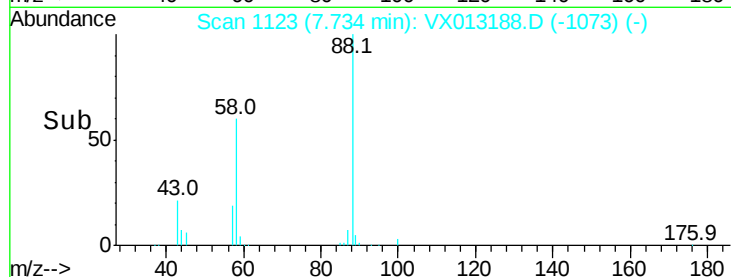
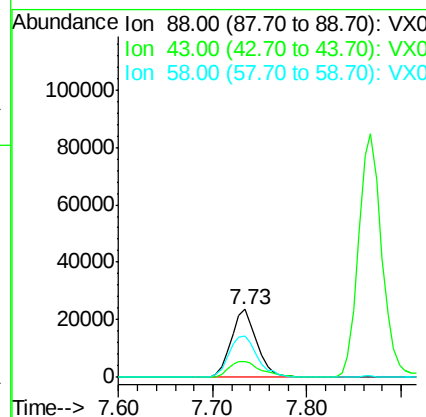
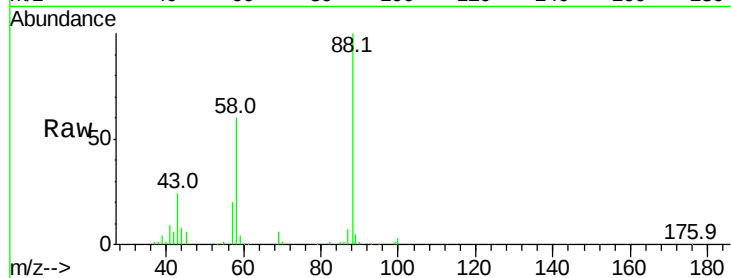




#49
1,4-Dioxane
Concen: 906.144 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

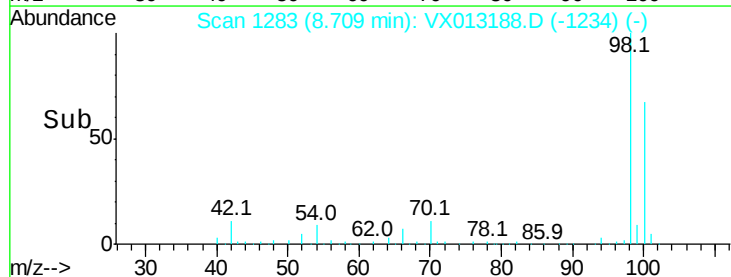
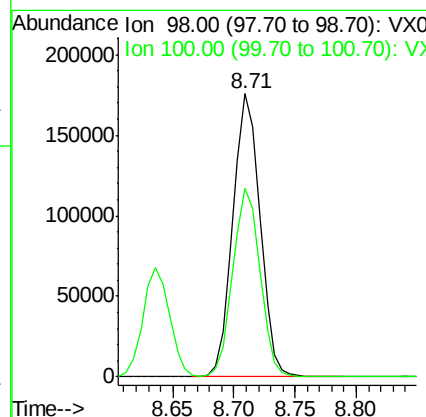
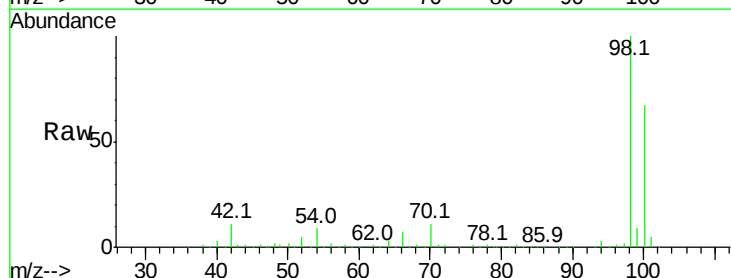
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

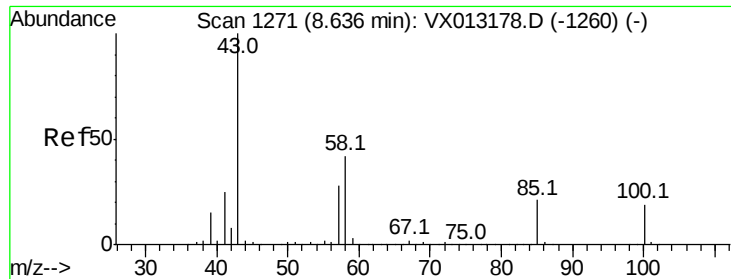
Tgt Ion: 88 Resp: 44653
Ion Ratio Lower Upper
88 100
43 30.6 24.4 36.6
58 67.6 52.2 78.4



#50
Toluene-d8
Concen: 48.081 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 98 Resp: 270627
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 233.904 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

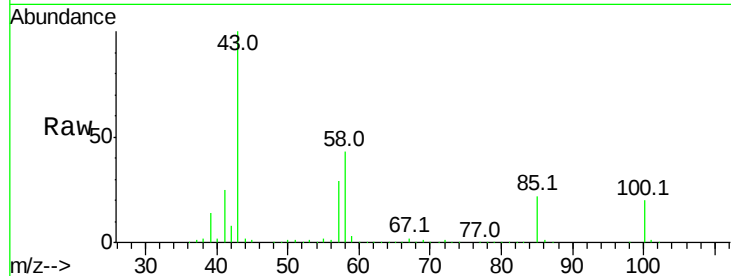
VSTDICCC050

Tgt Ion: 43 Resp: 534802

Ion Ratio Lower Upper

43 100

58 42.4 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

300000

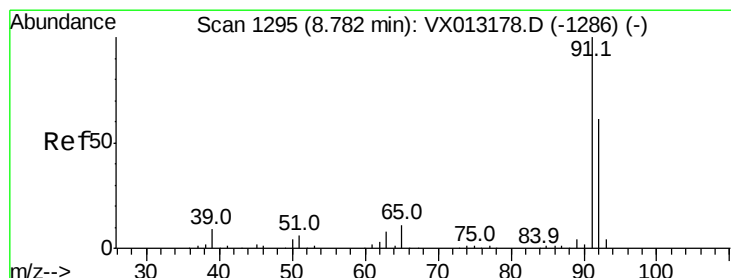
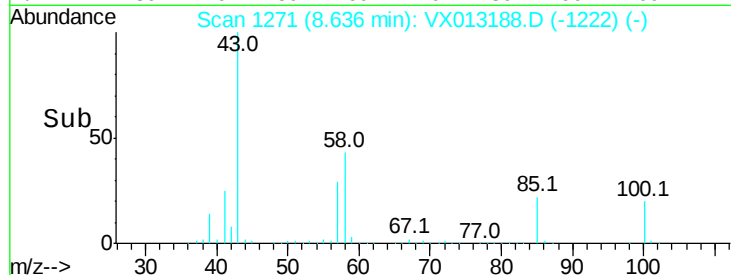
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 48.017 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013188.D

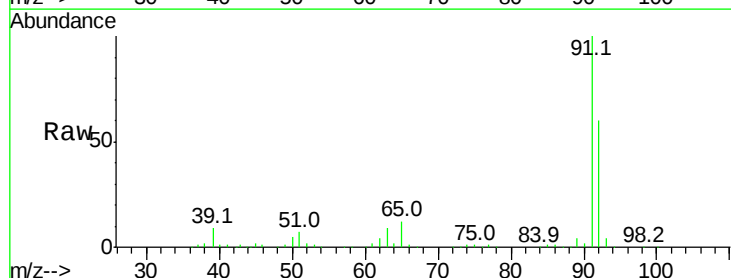
Acq: 23 Oct 2019 14:21

Tgt Ion: 92 Resp: 208506

Ion Ratio Lower Upper

92 100

91 167.4 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

150000

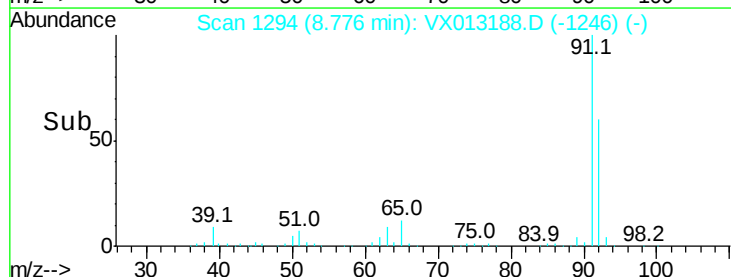
100000

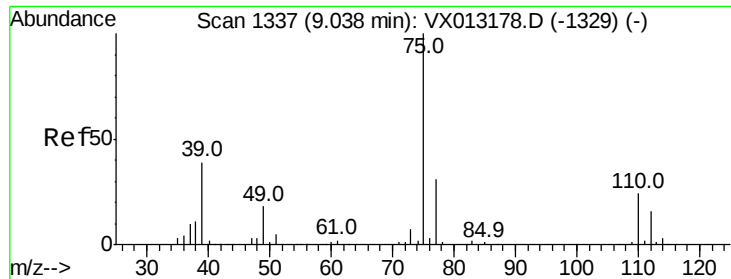
50000

0

8.70 8.75 8.80 8.85

Time-->

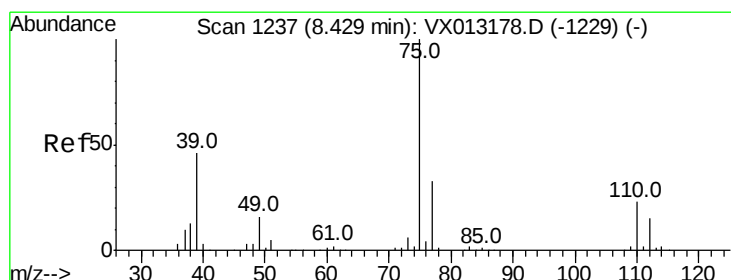
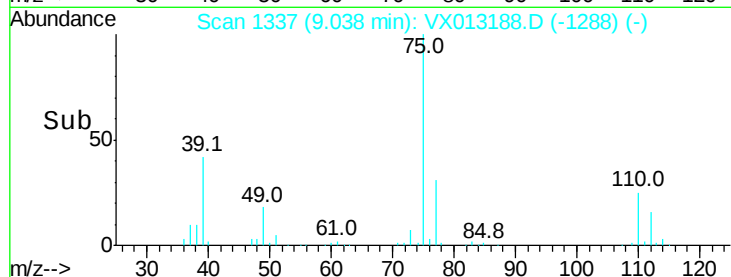
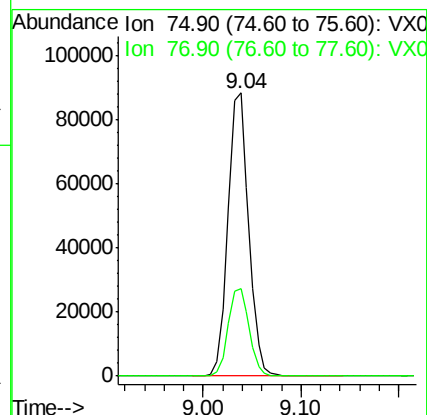
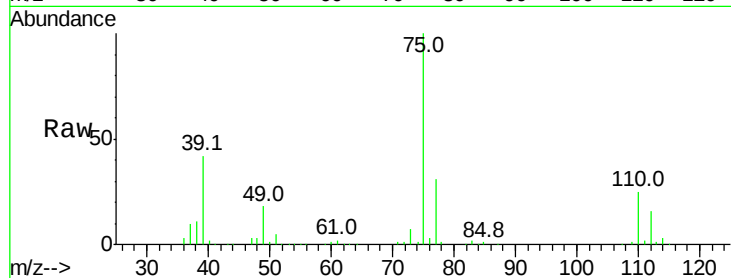




#53
 t-1,3-Dichloropropene
 Concen: 52.200 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

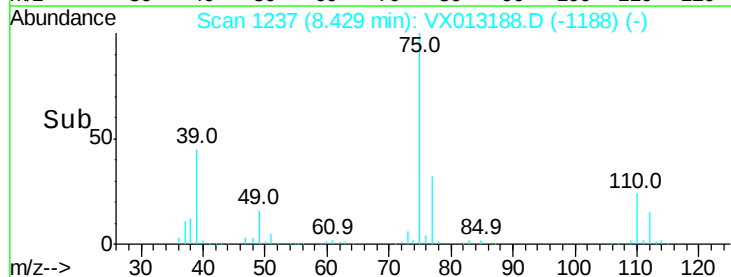
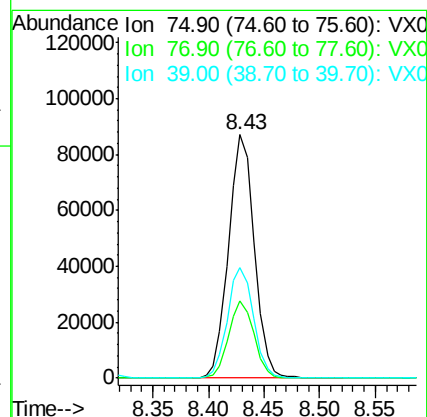
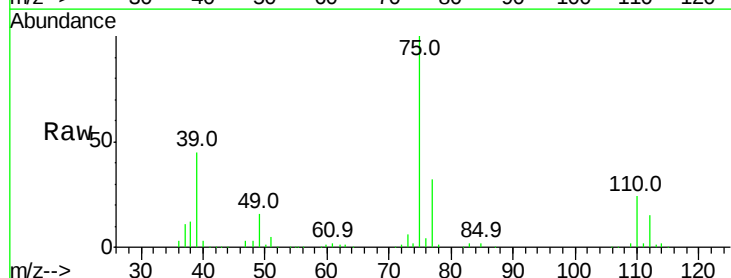
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

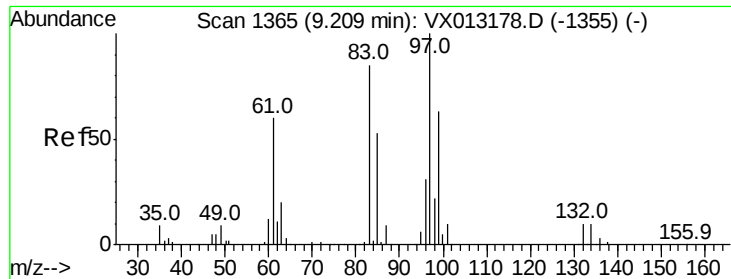
Tgt Ion: 75 Resp: 129855
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.831 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion: 75 Resp: 139486
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.4 39.6
 39 45.3 36.6 55.0

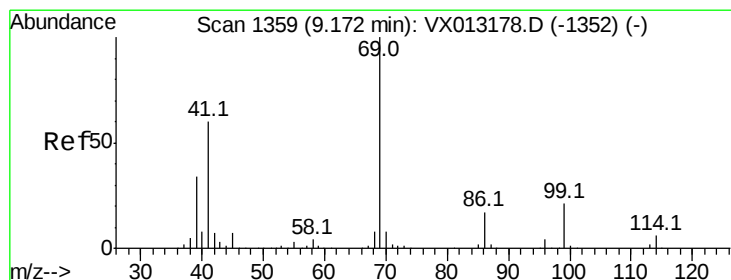
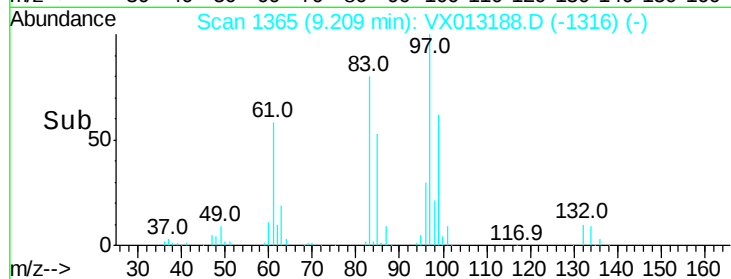
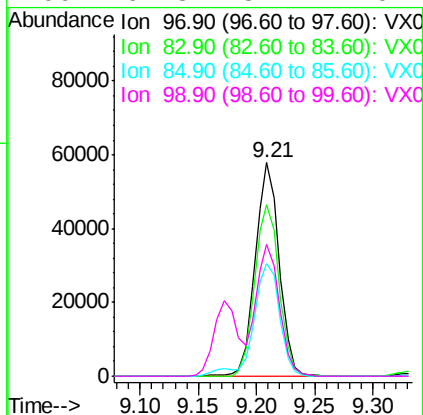
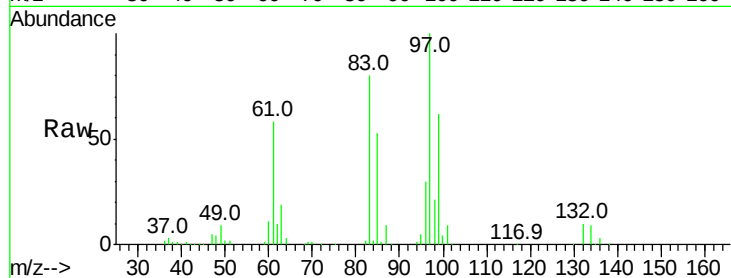




#55
 1,1,2-Trichloroethane
 Concen: 47.328 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

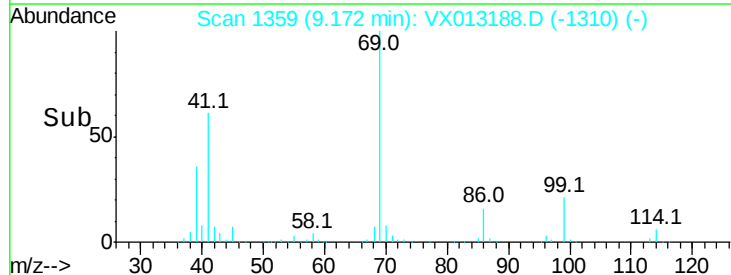
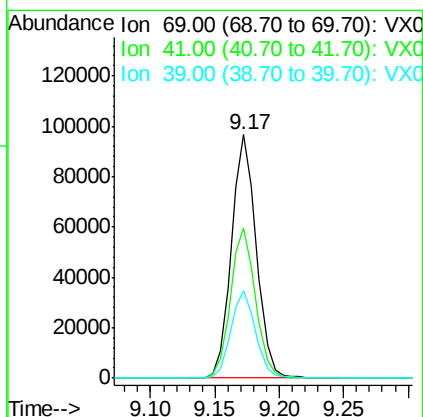
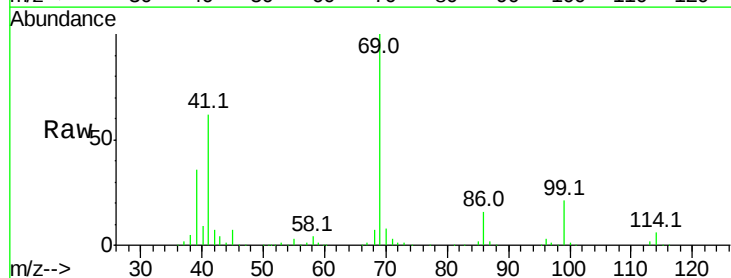
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

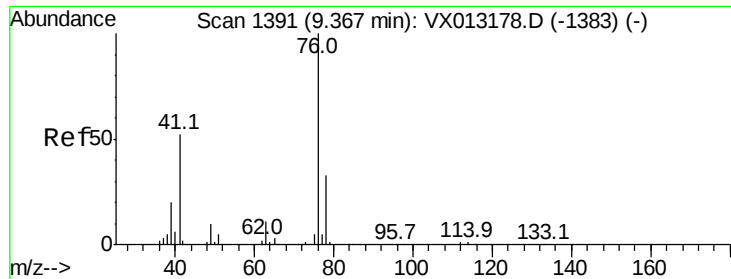
Tgt Ion:	97	Resp:	83095
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.8	101.6
85	52.6	42.7	64.1
99	61.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 48.475 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion:	69	Resp:	130270
Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.5	72.7
39	35.4	27.8	41.6

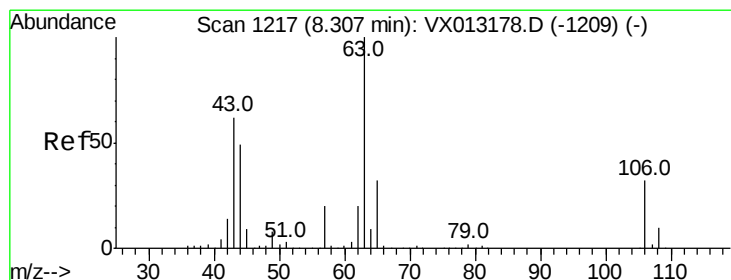
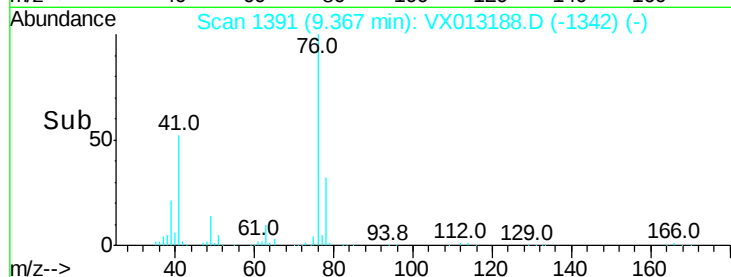
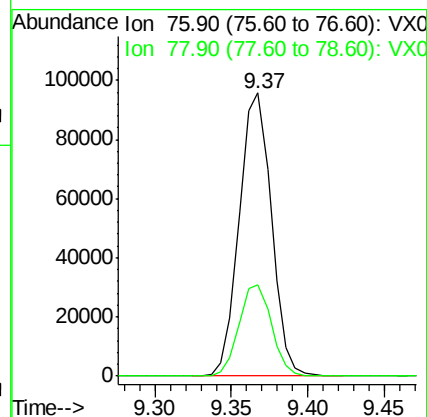
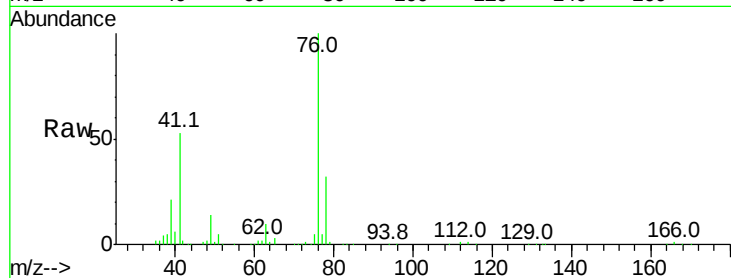




#57
 1,3-Dichloropropane
 Concen: 48.099 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

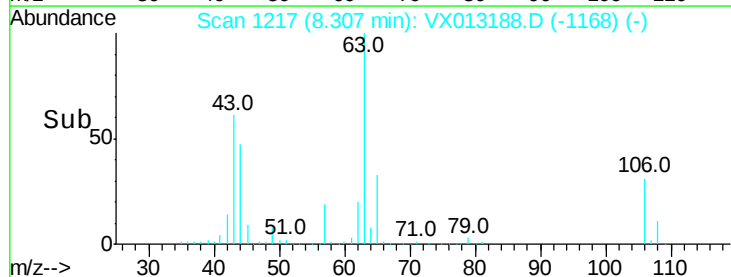
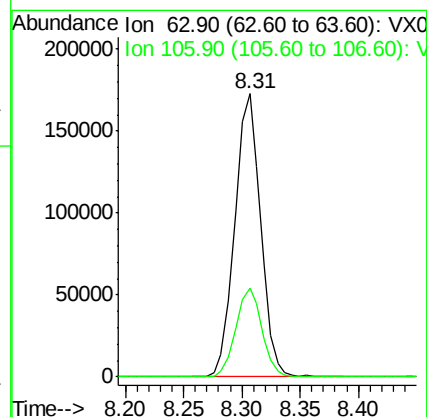
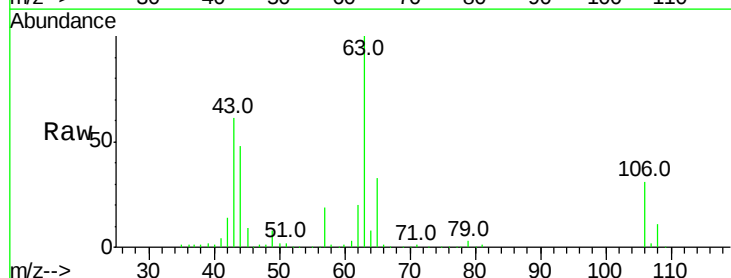
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

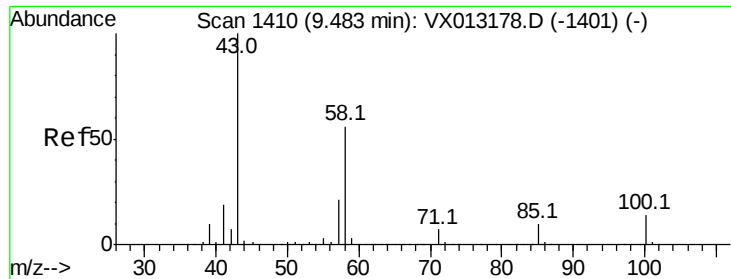
Tgt Ion: 76 Resp: 139683
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.238 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion: 63 Resp: 267094
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.0 37.6

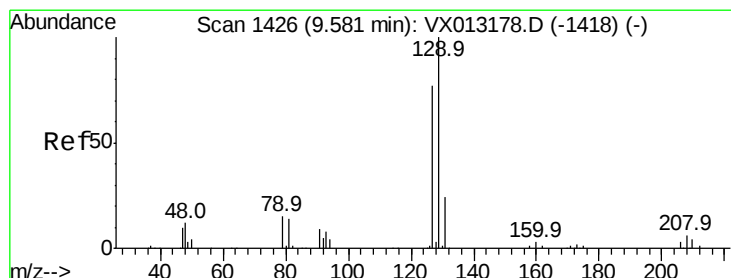
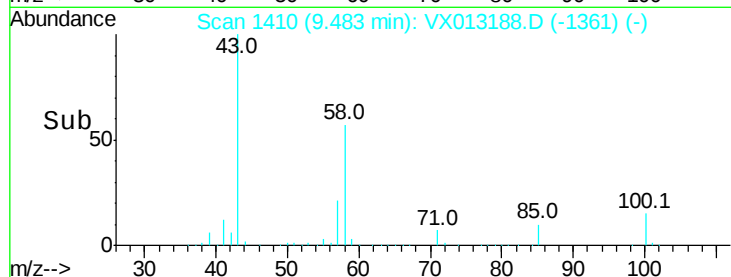
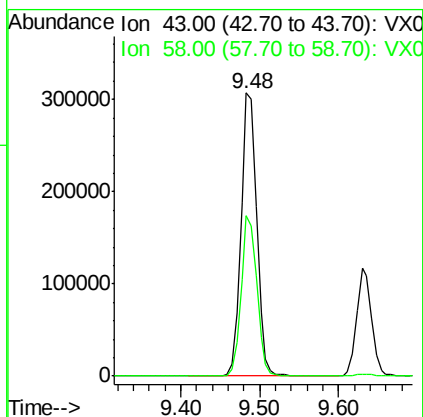
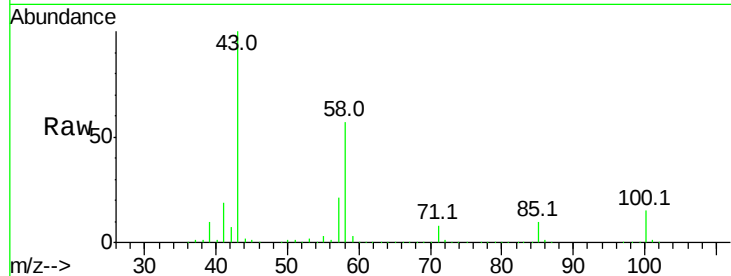




#59
2-Hexanone
Concen: 238.721 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

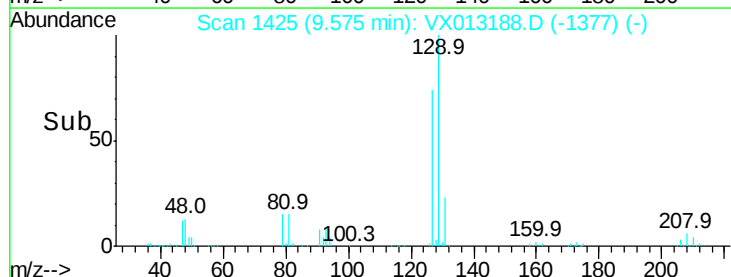
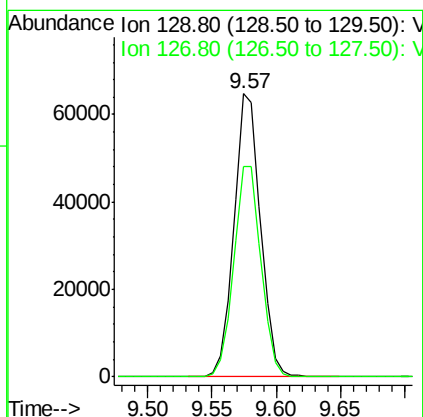
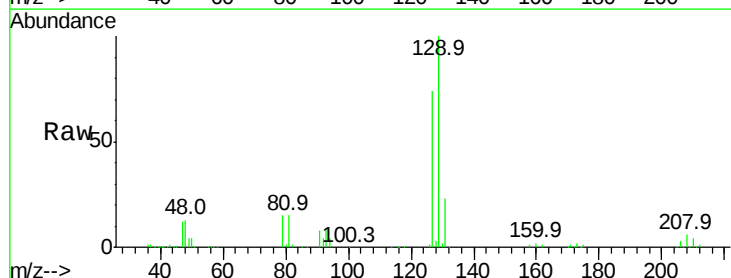
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

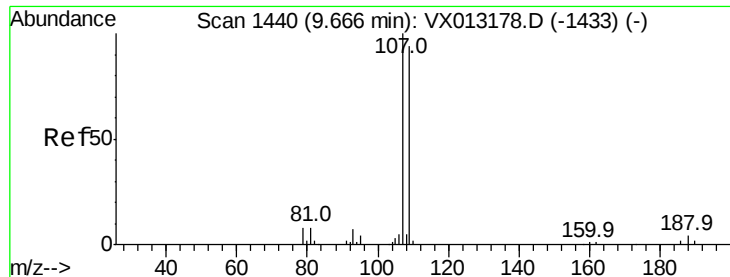
Tgt Ion: 43 Resp: 428140
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.3



#60
Dibromochloromethane
Concen: 51.422 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 129 Resp: 92659
Ion Ratio Lower Upper
129 100
127 76.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 47.905 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

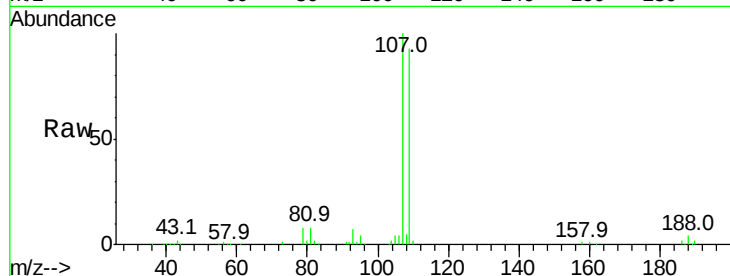
VSTDICCC050

Tgt Ion: 107 Resp: 89908

Ion Ratio Lower Upper

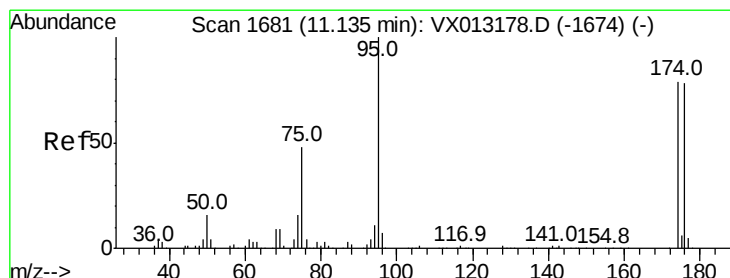
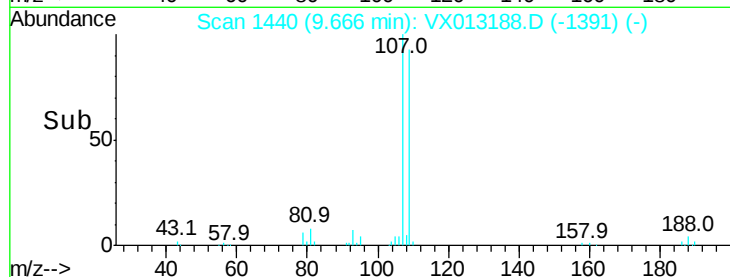
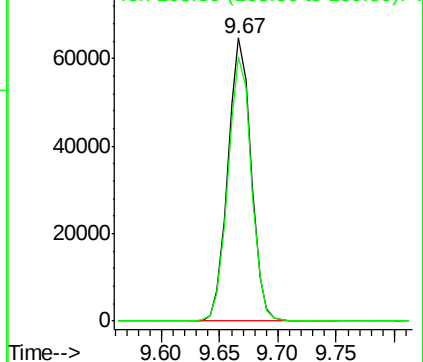
107 100

109 94.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.213 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

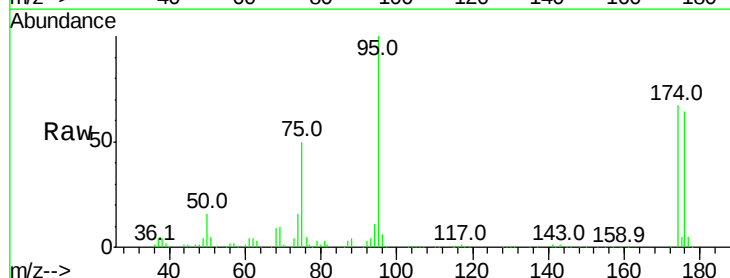
Tgt Ion: 95 Resp: 107164

Ion Ratio Lower Upper

95 100

174 76.2 0.0 155.6

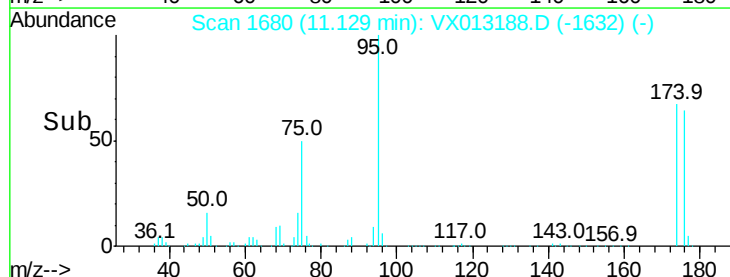
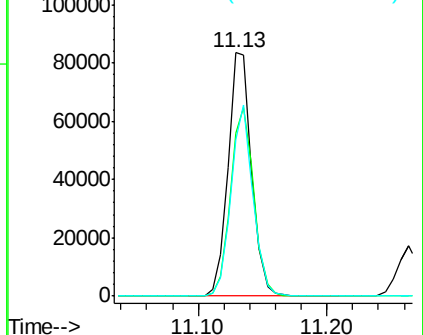
176 73.0 0.0 151.2

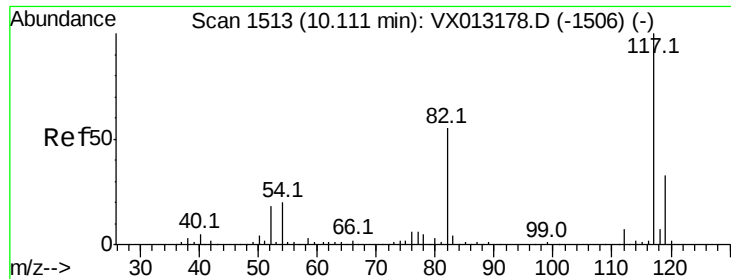


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

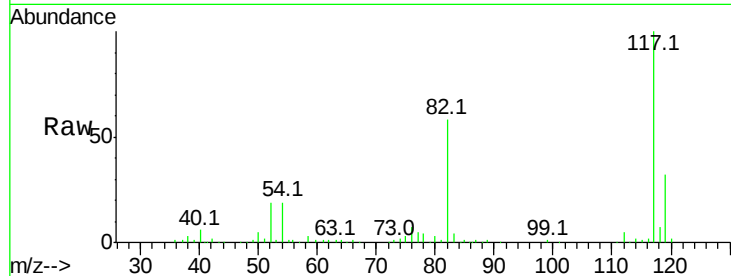




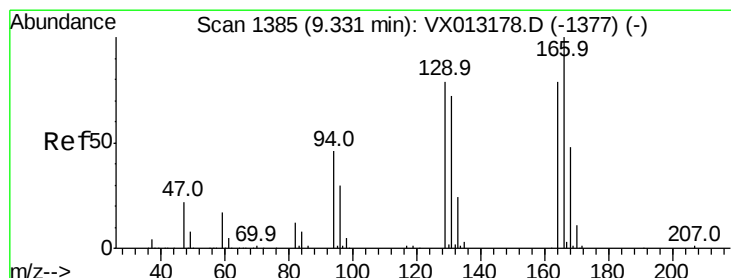
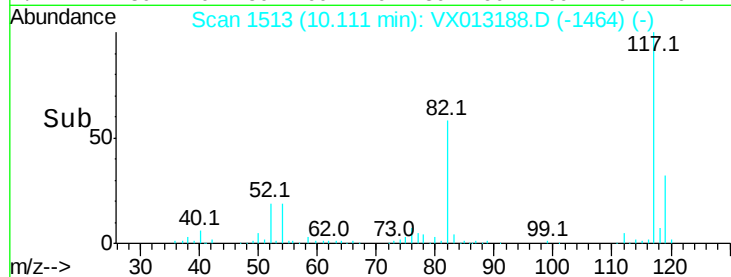
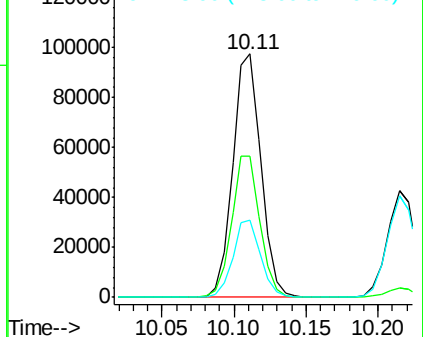
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 133578
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.5 26.3 39.5

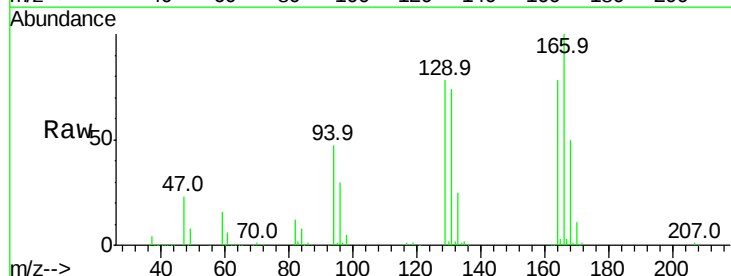


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

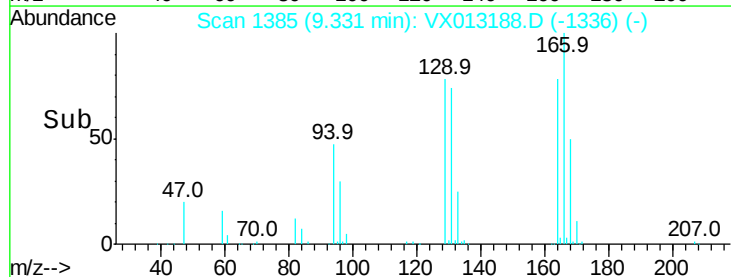
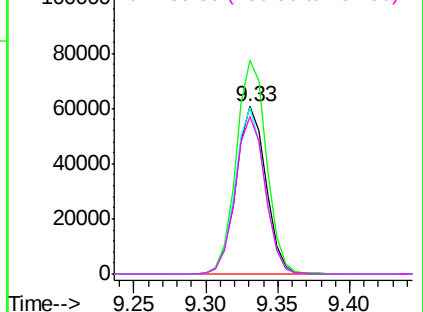


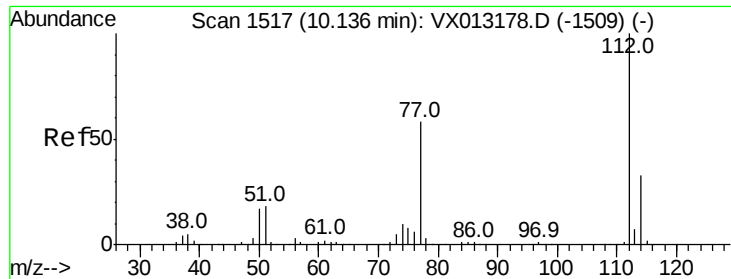
#64
Tetrachloroethene
Concen: 48.474 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion:164 Resp: 87940
Ion Ratio Lower Upper
164 100
166 127.8 101.3 151.9
129 99.8 79.9 119.9
131 94.1 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

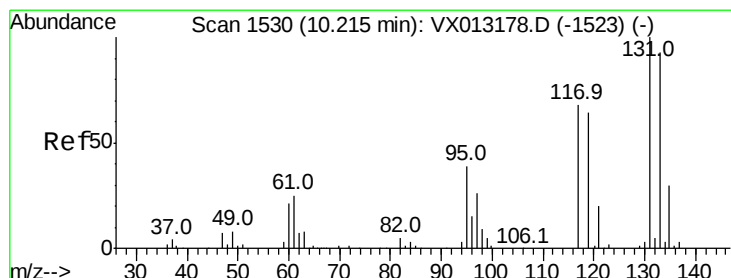
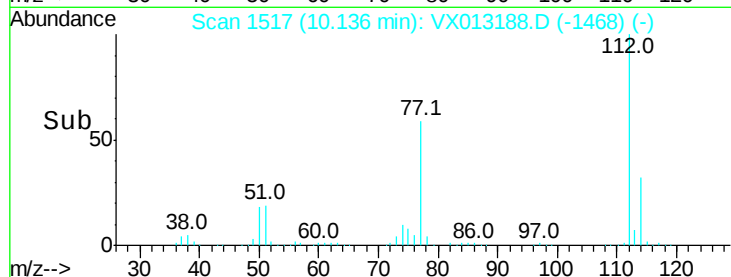
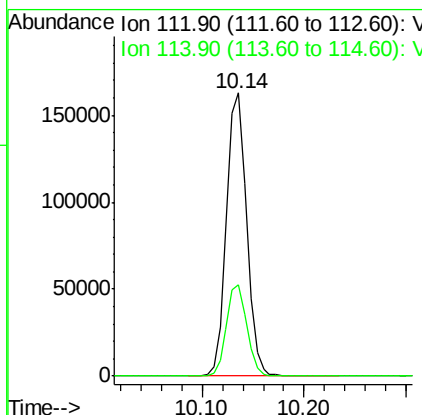
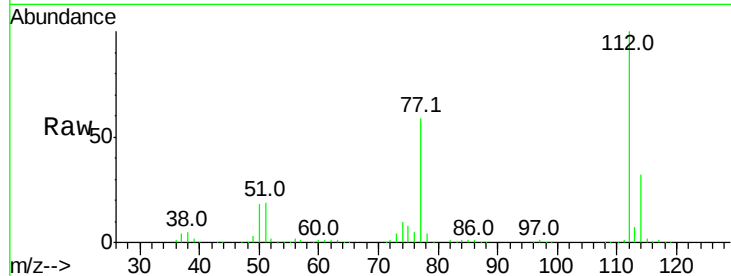




#65
Chlorobenzene
Concen: 47.768 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

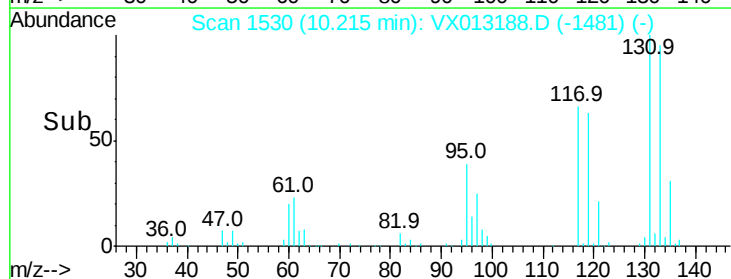
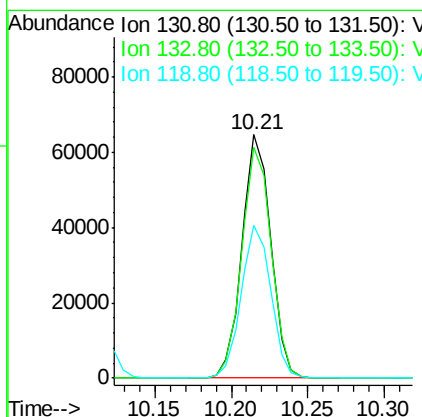
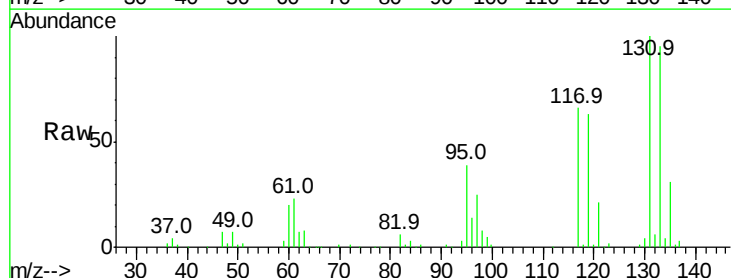
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

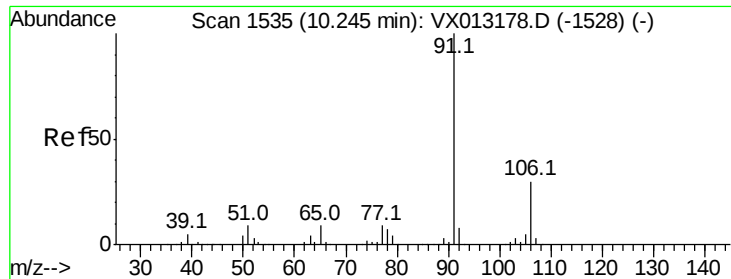
Tgt Ion:112 Resp: 222903
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.507 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion:131 Resp: 84622
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.9
119 64.7 31.6 94.8

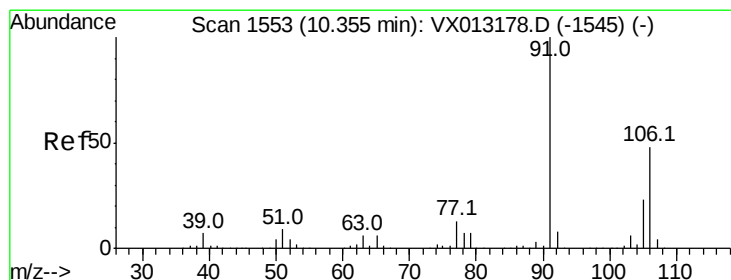
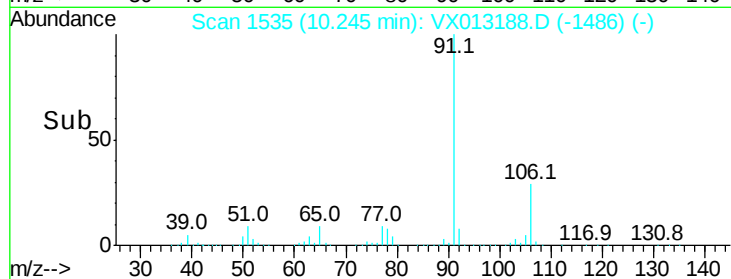
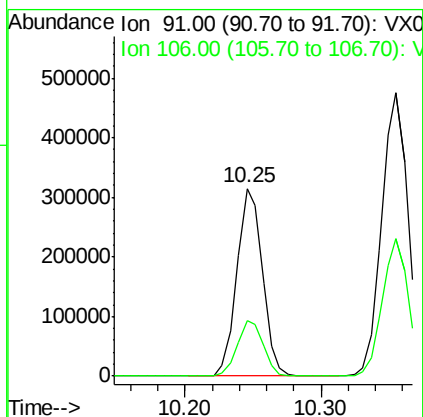
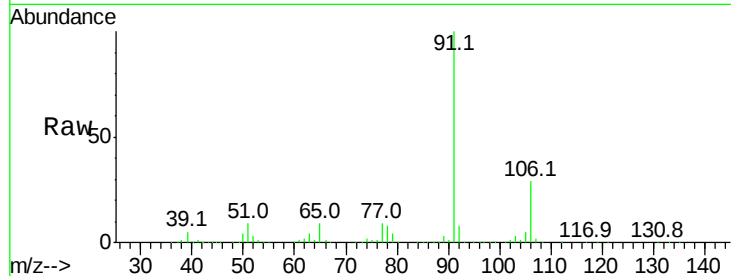




#67
Ethyl Benzene
Concen: 49.409 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

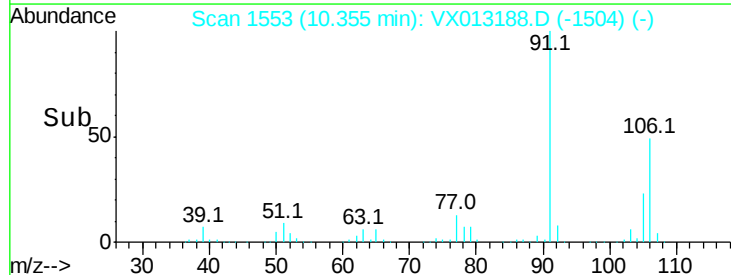
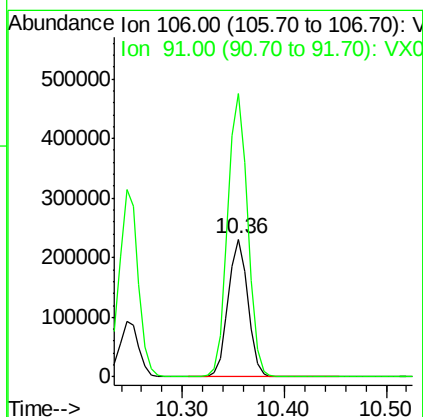
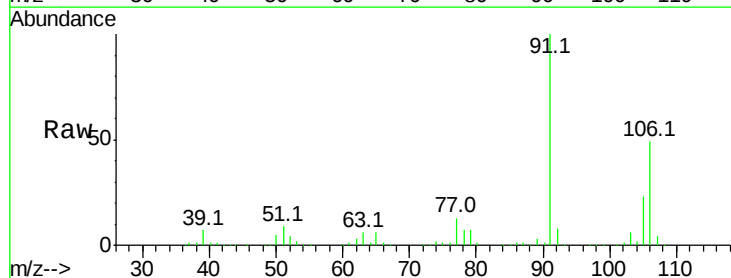
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

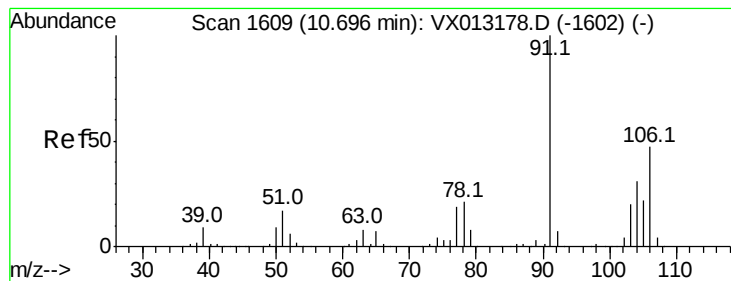
Tgt Ion: 91 Resp: 412148
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 97.822 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 106 Resp: 308425
Ion Ratio Lower Upper
106 100
91 208.5 166.3 249.5





#69

o-Xylene

Concen: 48.018 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

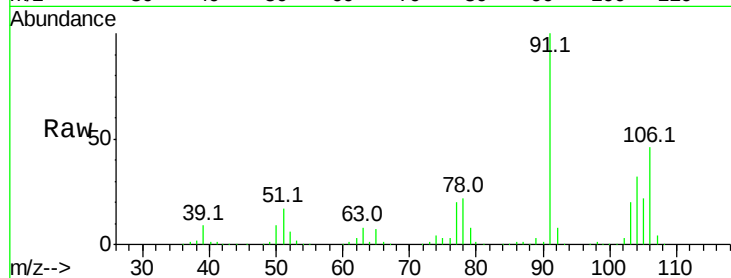
VSTDICCC050

Tgt Ion:106 Resp: 147493

Ion Ratio Lower Upper

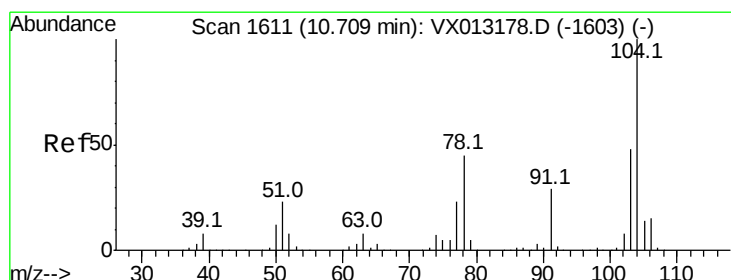
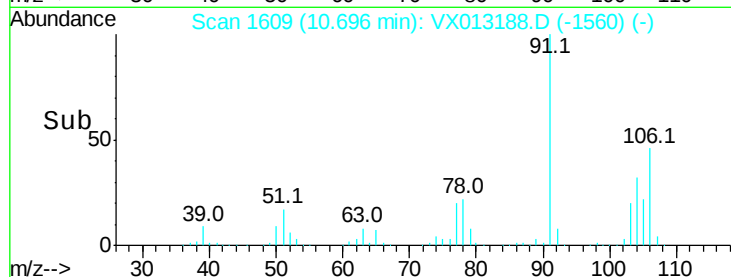
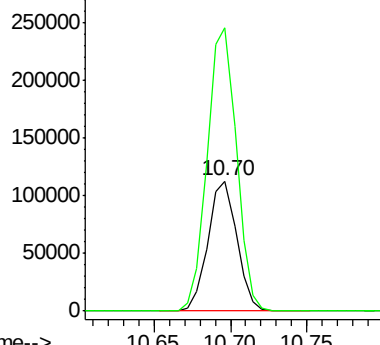
106 100

91 221.3 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 50.664 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

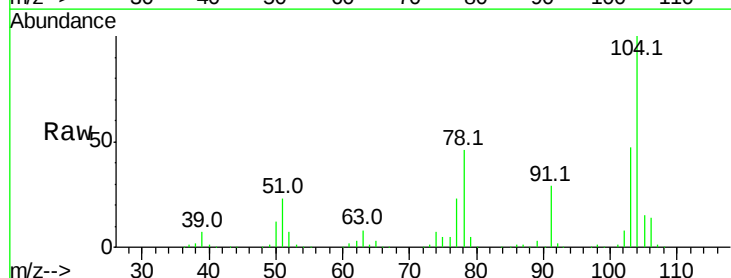
Tgt Ion:104 Resp: 261833

Ion Ratio Lower Upper

104 100

78 52.8 42.2 63.2

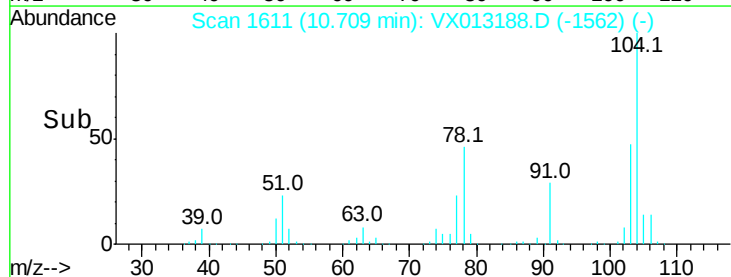
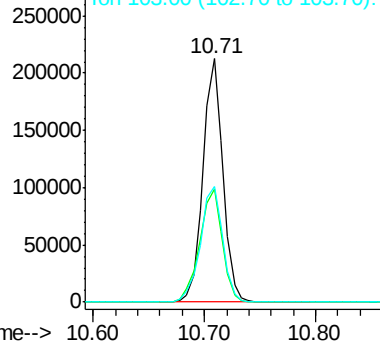
103 53.5 43.0 64.6

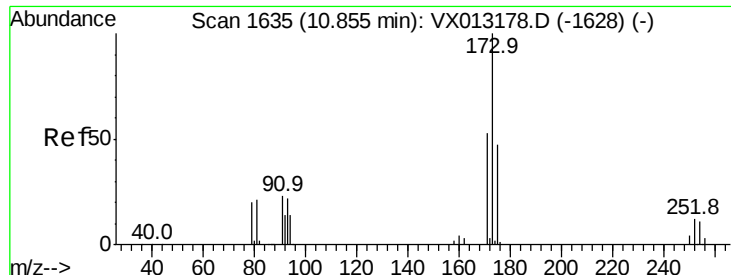


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.008 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

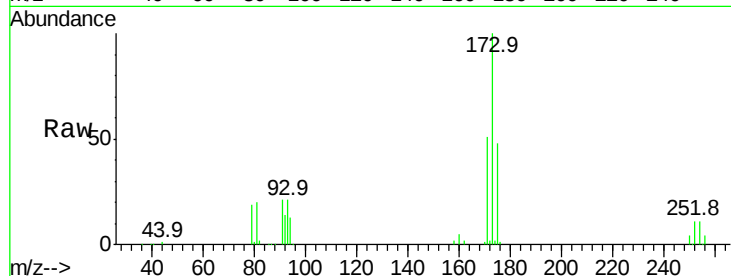
Tgt Ion:173 Resp: 65450

Ion Ratio Lower Upper

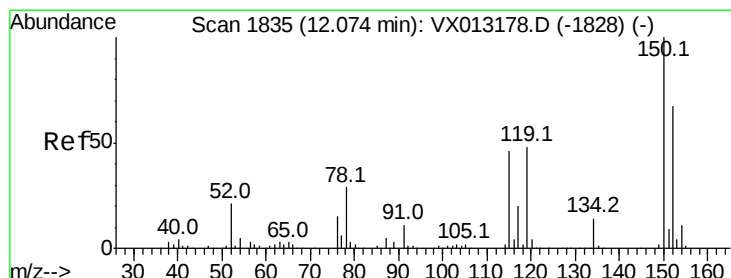
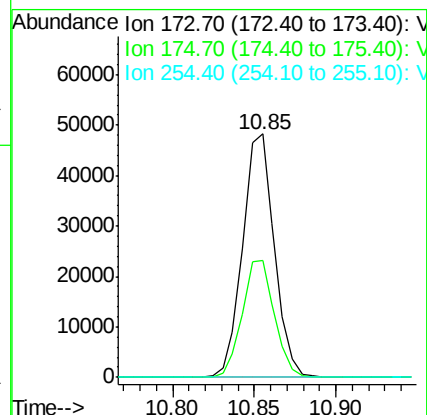
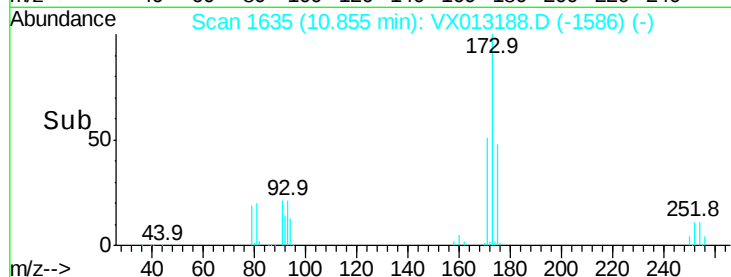
173 100

175 48.5 24.4 73.4

254 0.1 0.1 0.1#



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: VX013188.D

Acq: 23 Oct 2019 14:21

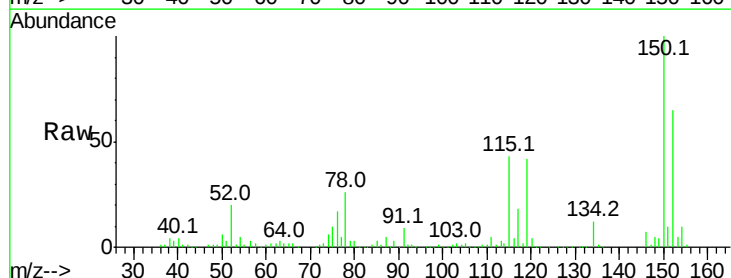
Tgt Ion:152 Resp: 93606

Ion Ratio Lower Upper

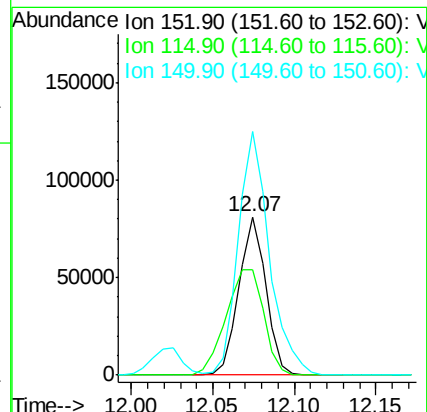
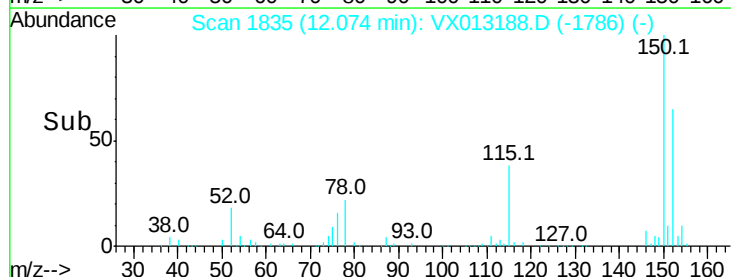
152 100

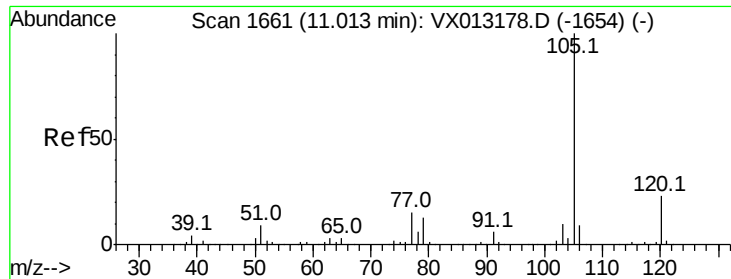
115 93.2 46.3 138.9

150 177.0 0.0 339.4



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: 48.312 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

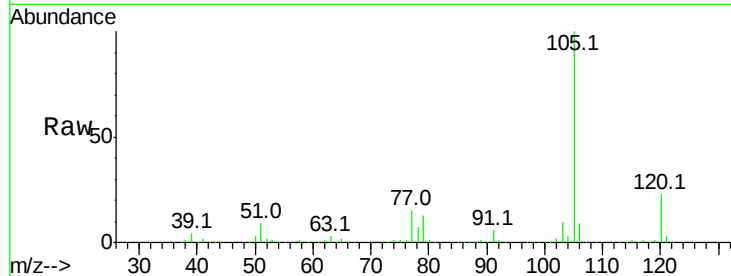
VSTDICCC050

Tgt Ion:105 Resp: 405227

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

300000

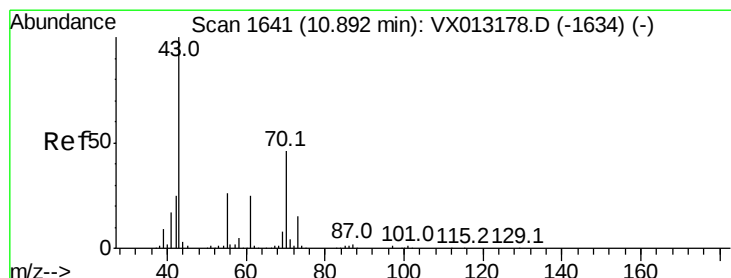
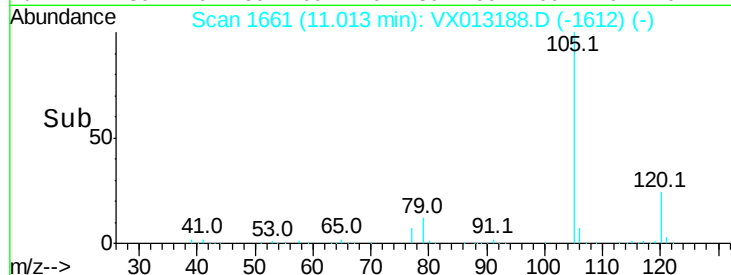
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 49.875 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Tgt Ion: 43 Resp: 156311

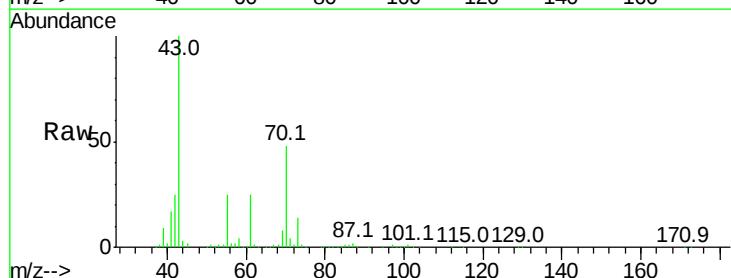
Ion Ratio Lower Upper

43 100

70 48.1 37.8 56.8

55 25.9 20.6 31.0

61 26.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

150000

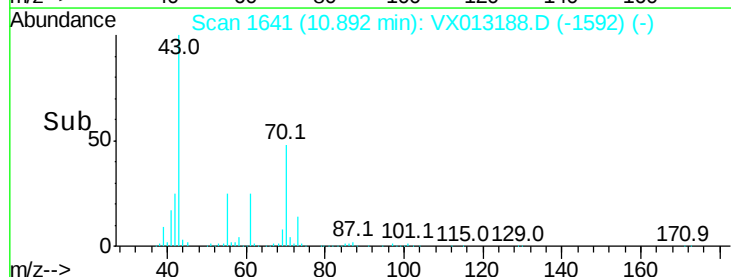
100000

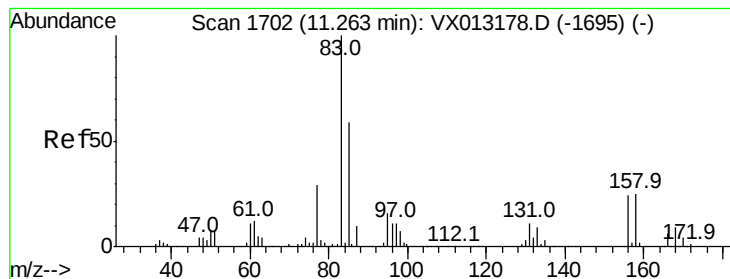
50000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.590 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

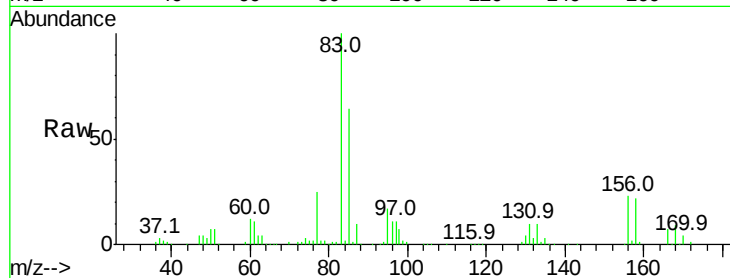
Tgt Ion: 83 Resp: 126209

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

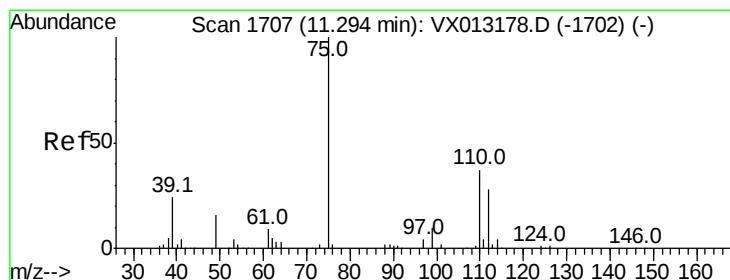
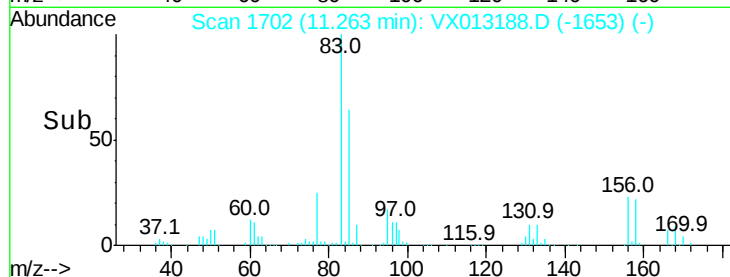
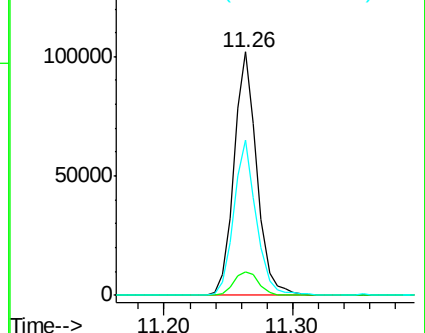
85 62.9 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.726 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013188.D

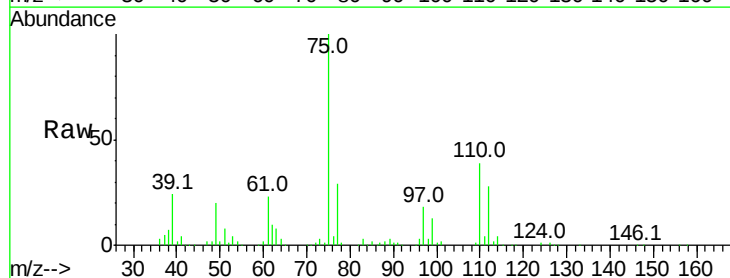
Acq: 23 Oct 2019 14:21

Tgt Ion: 75 Resp: 142441

Ion Ratio Lower Upper

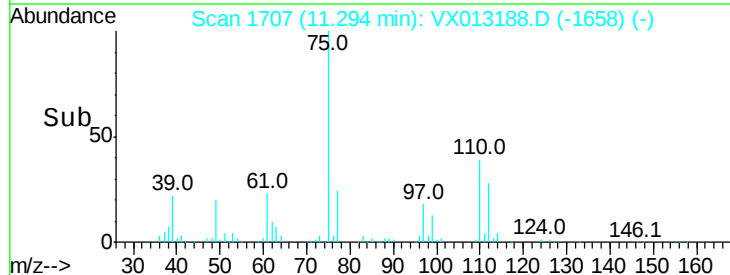
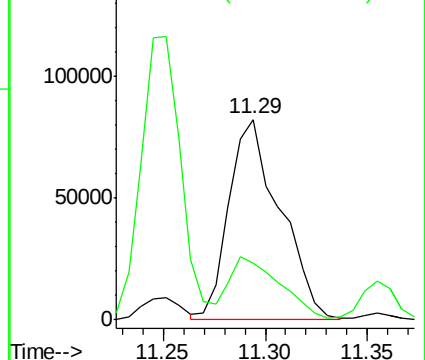
75 100

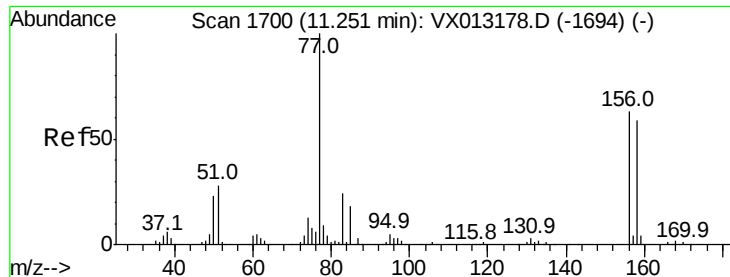
77 31.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.538 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

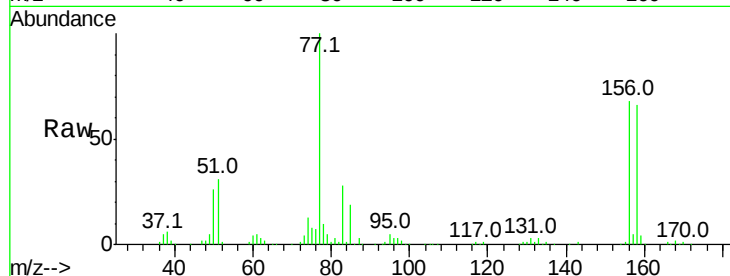
Tgt Ion:156 Resp: 96313

Ion Ratio Lower Upper

156 100

77 163.4 81.5 244.4

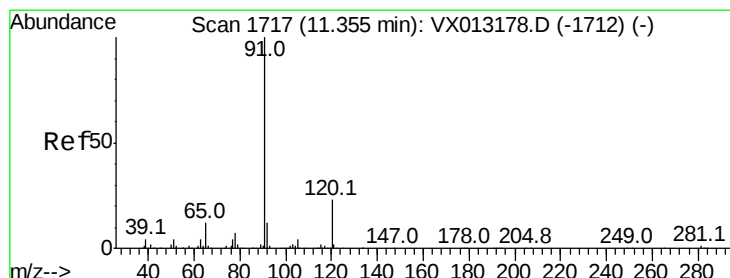
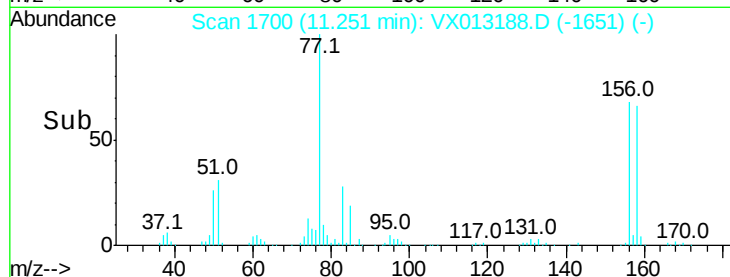
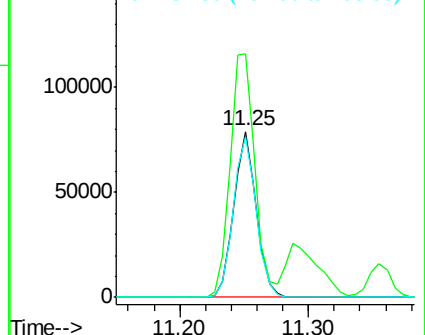
158 99.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.350 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013188.D

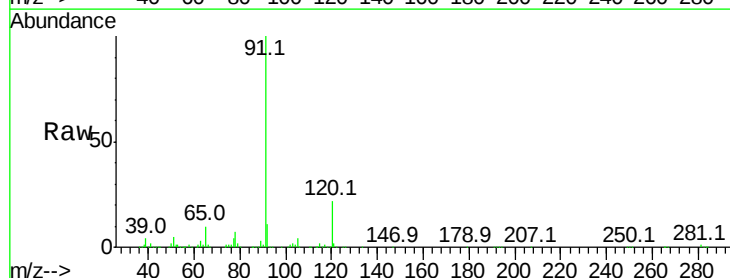
Acq: 23 Oct 2019 14:21

Tgt Ion: 91 Resp: 452518

Ion Ratio Lower Upper

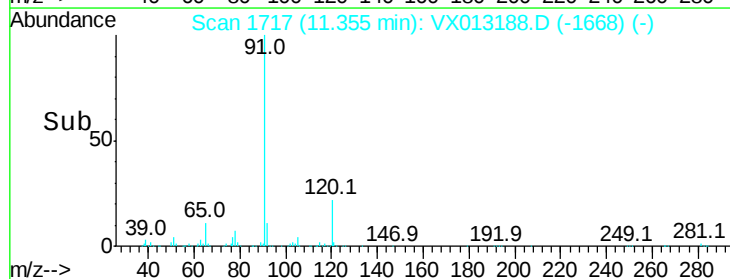
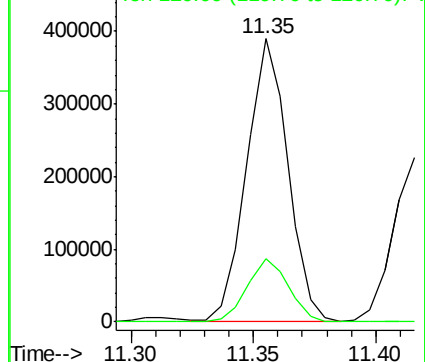
91 100

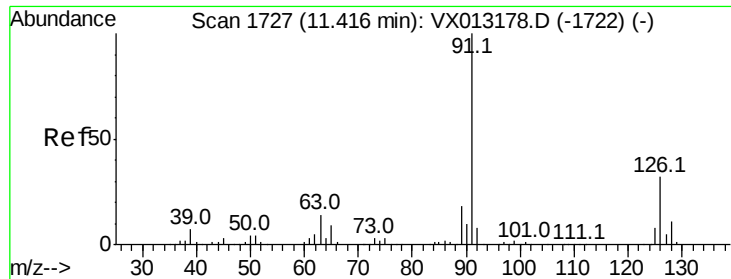
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

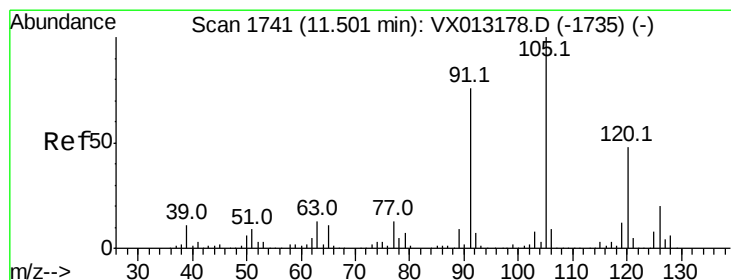
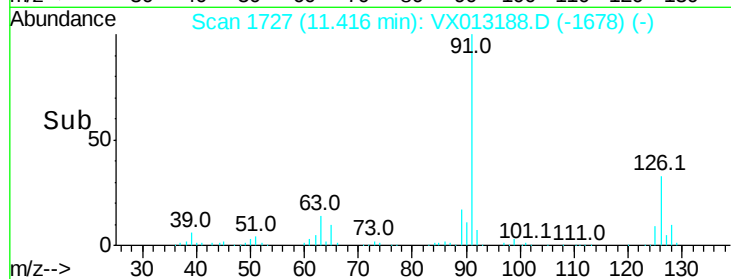
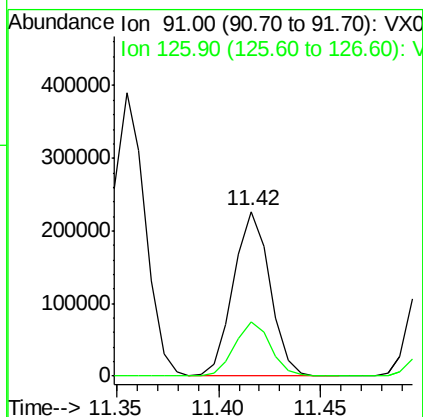
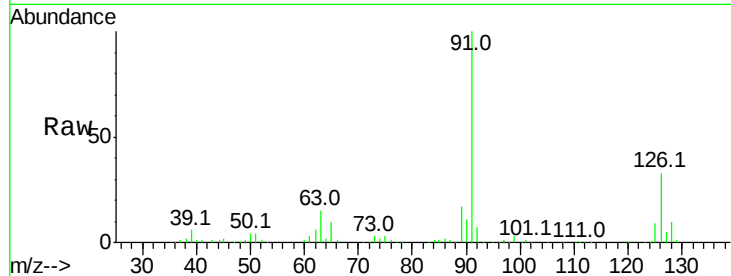




#79
 2-Chlorotoluene
 Concen: 48.565 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

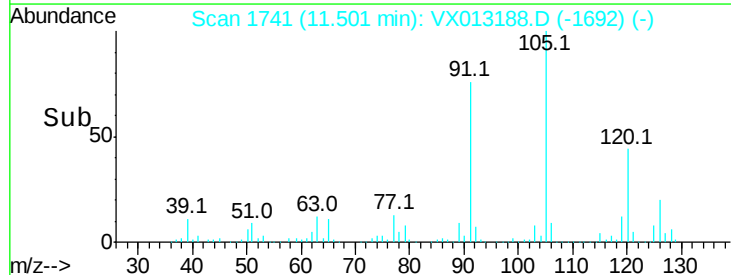
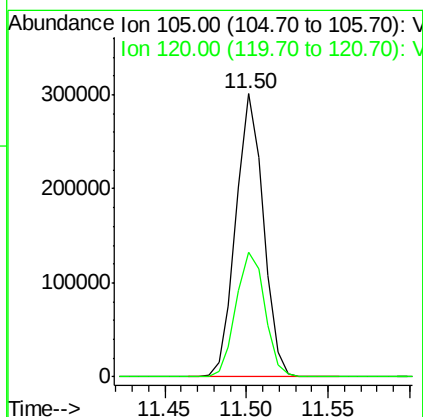
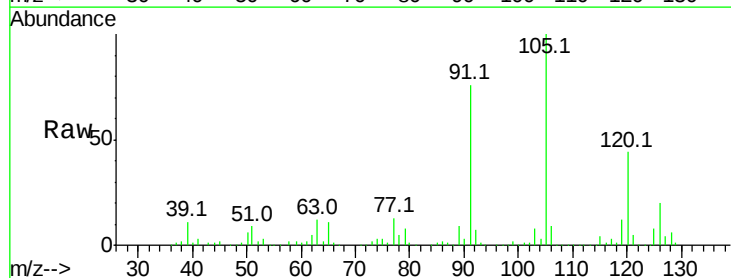
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

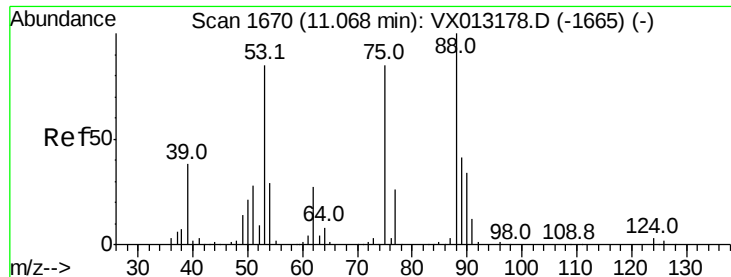
Tgt Ion: 91 Resp: 280864
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.420 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion: 105 Resp: 353869
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.085 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

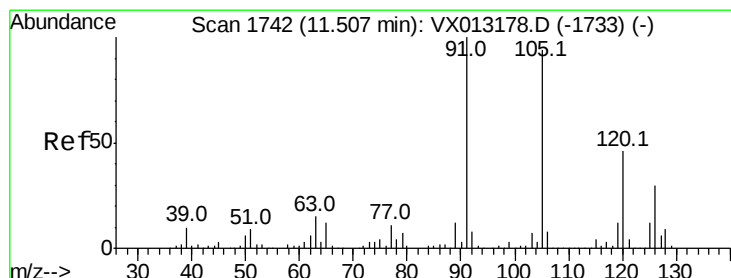
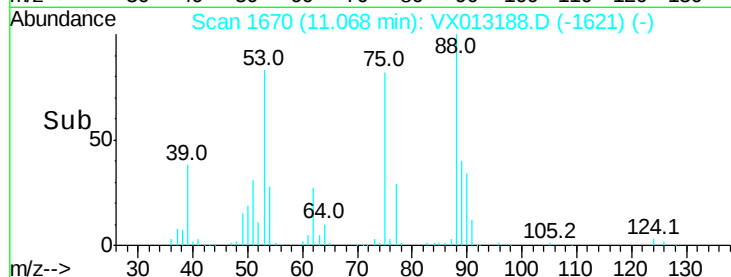
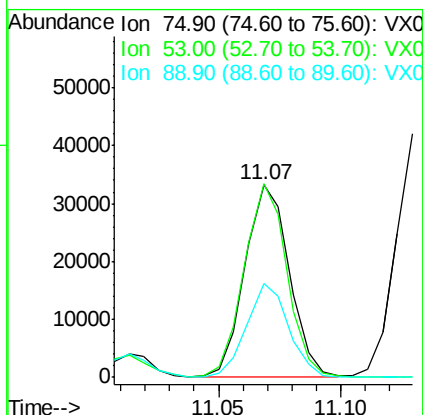
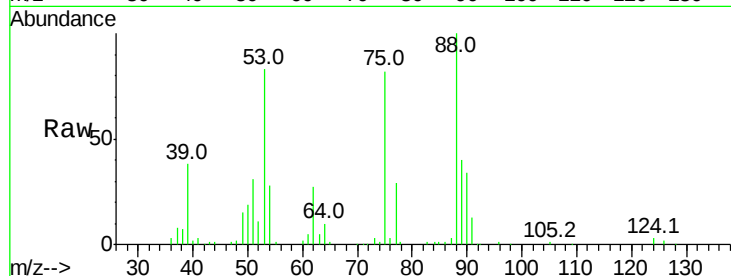
Tgt Ion: 75 Resp: 41599

Ion Ratio Lower Upper

75 100

53 97.4 76.0 114.0

89 46.6 37.7 56.5



#82

4-Chlorotoluene

Concen: 48.197 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013188.D

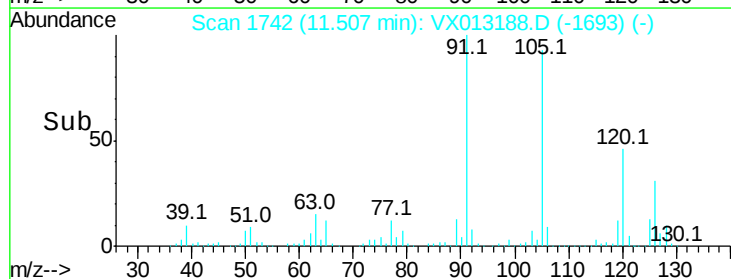
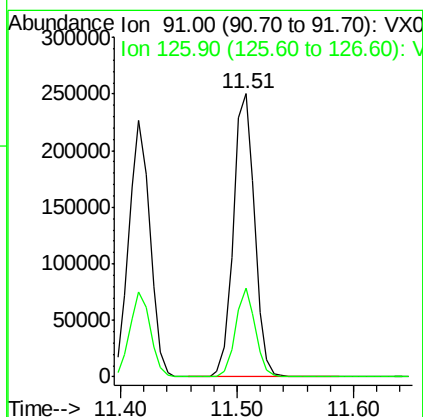
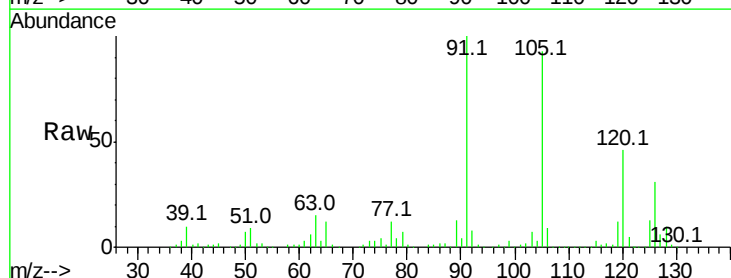
Acq: 23 Oct 2019 14:21

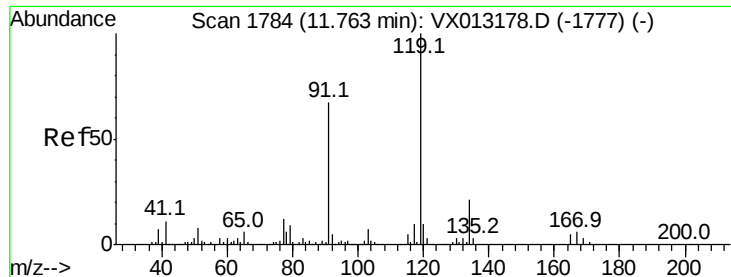
Tgt Ion: 91 Resp: 317733

Ion Ratio Lower Upper

91 100

126 29.3 14.5 43.6

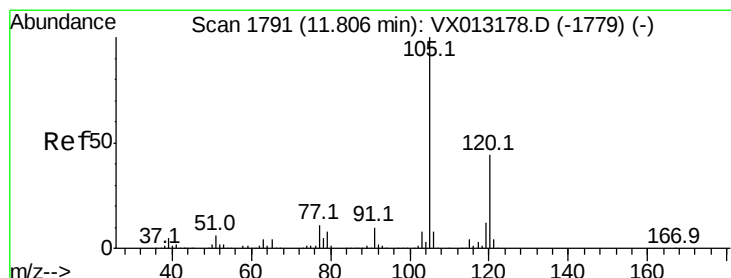
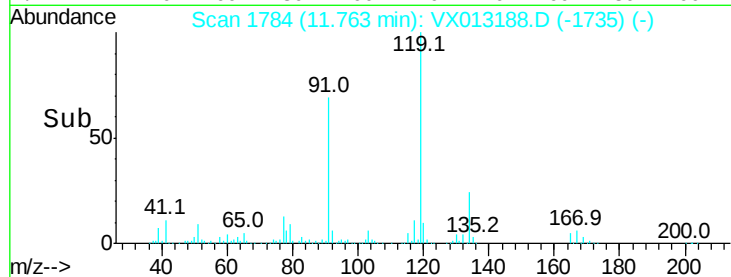
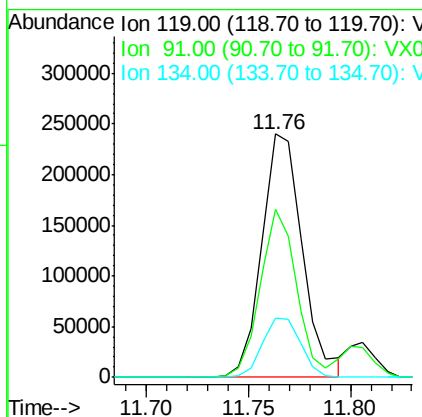
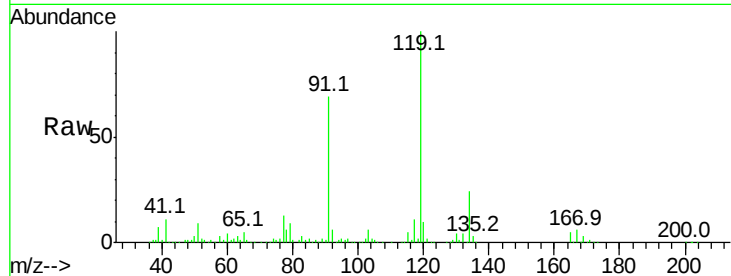




#83
 tert-Butylbenzene
 Concen: 48.705 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

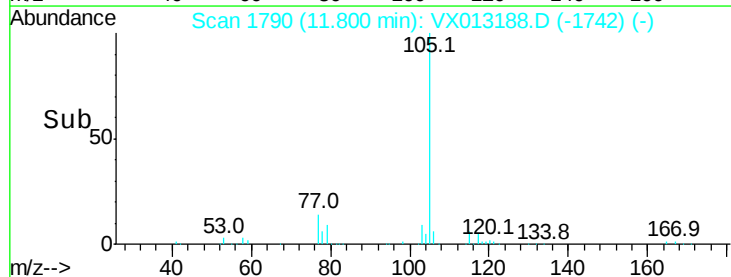
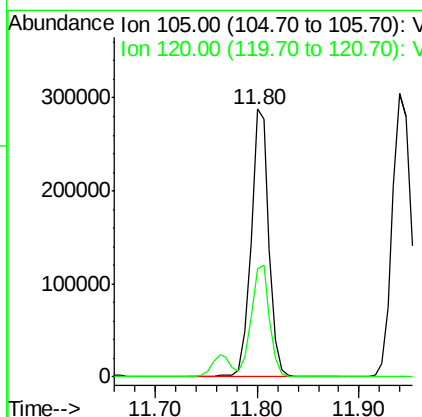
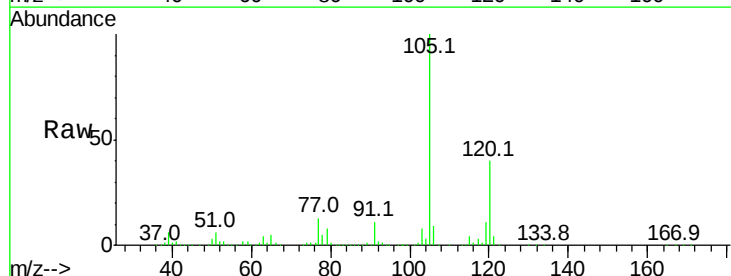
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

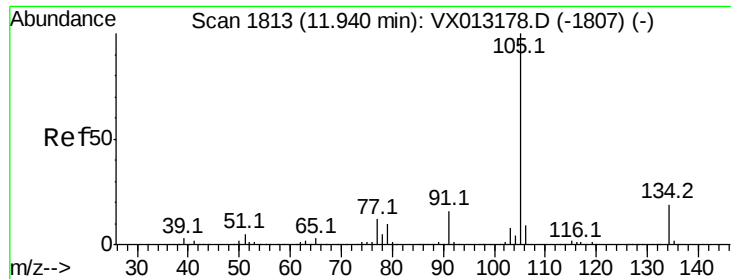
Tgt Ion:119 Resp: 333872
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.4 91.2
 134 23.0 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.626 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion:105 Resp: 349754
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.6 64.8

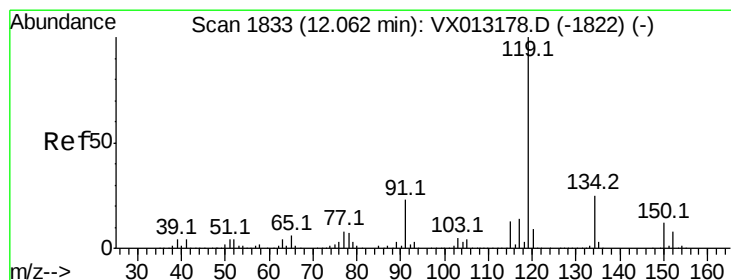
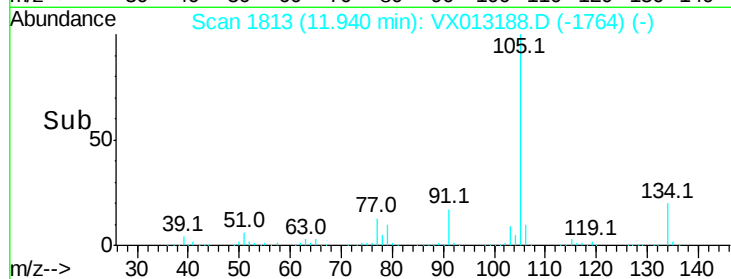
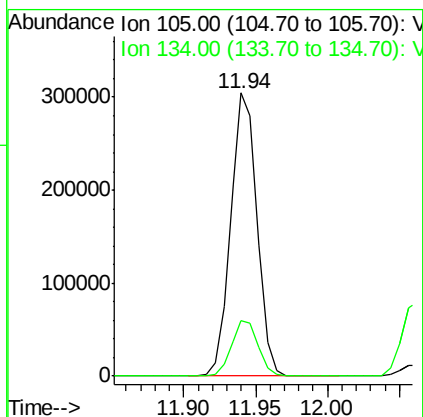
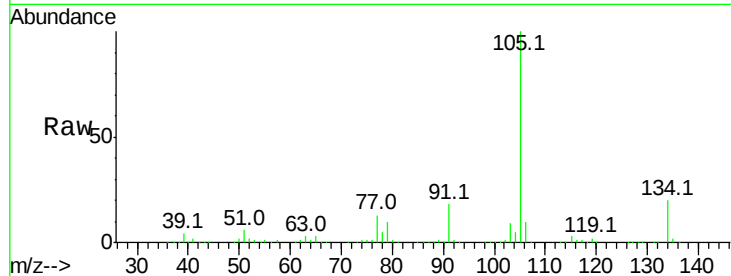




#85
 sec-Butylbenzene
 Concen: 49.485 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

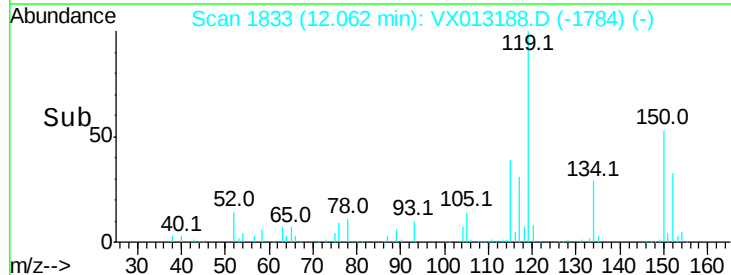
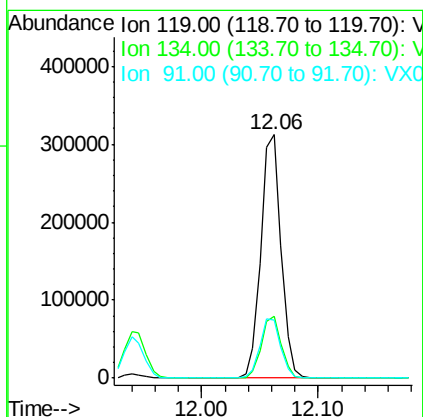
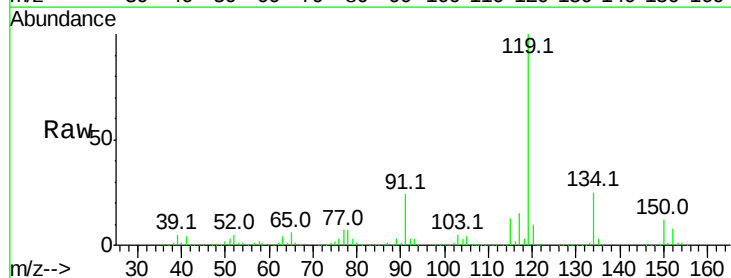
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

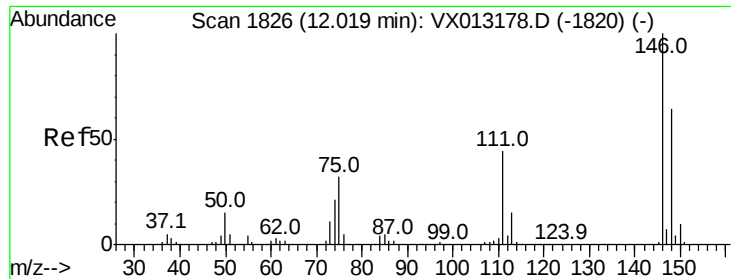
Tgt Ion:105 Resp: 390376
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.152 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion:119 Resp: 379311
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.3 36.9
 91 24.8 12.4 37.0

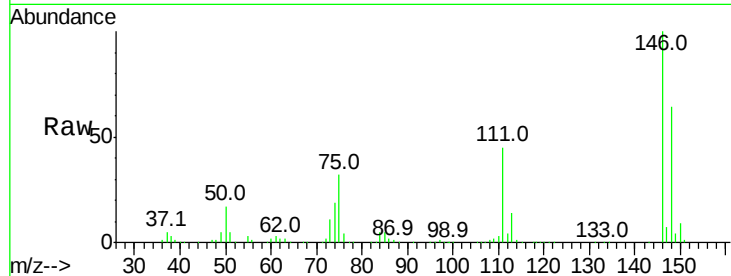




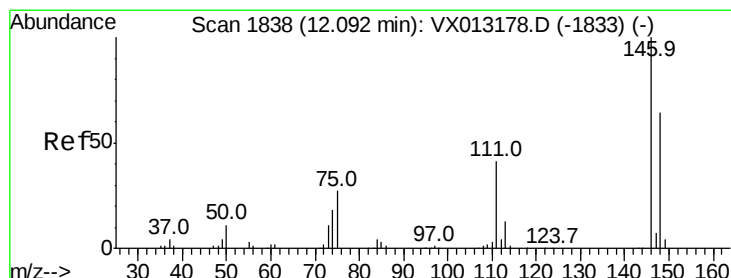
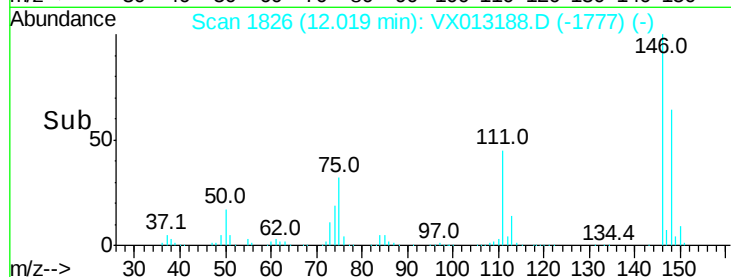
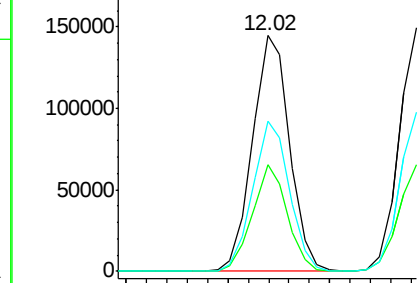
#87
 1,3-Dichlorobenzene
 Concen: 49.317 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 182563
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 64.8
 148 63.2 31.6 94.8

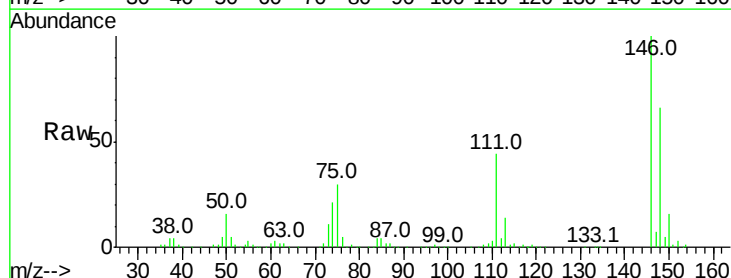


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

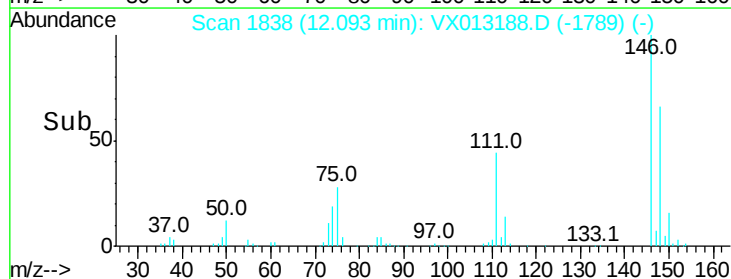
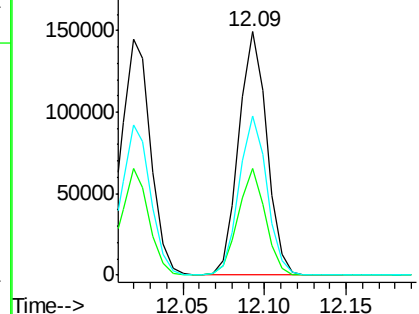


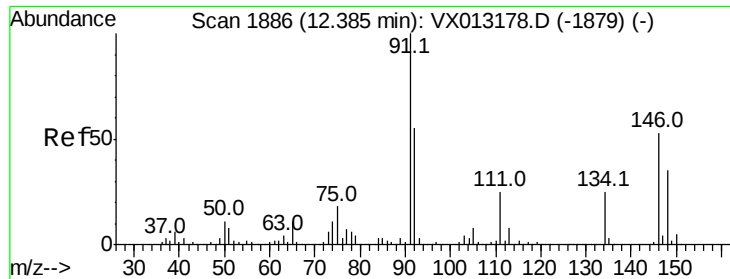
#88
 1,4-Dichlorobenzene
 Concen: 47.669 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion:146 Resp: 179179
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 65.0 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

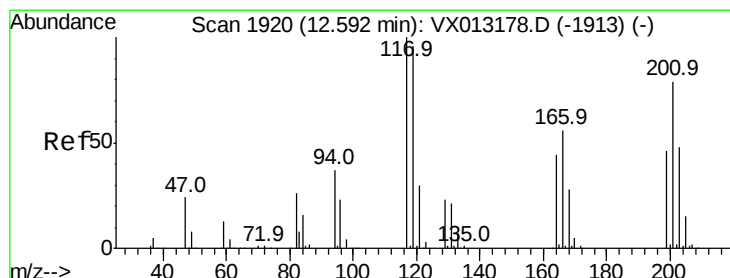
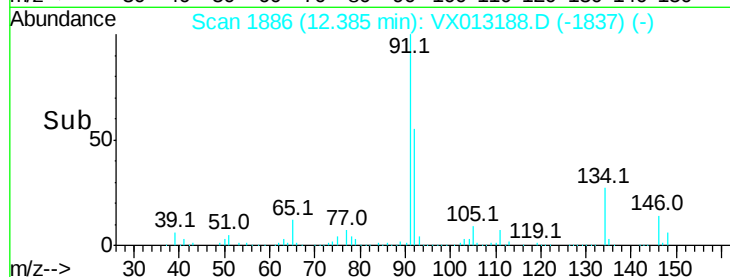
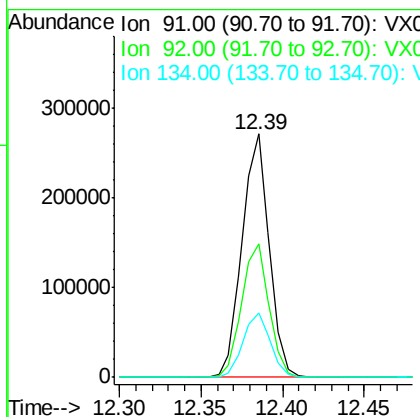
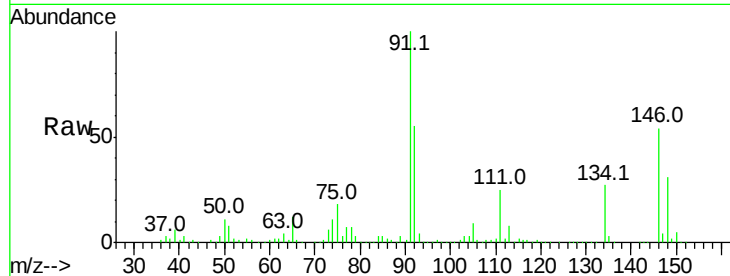




#89
n-Butylbenzene
Concen: 51.424 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

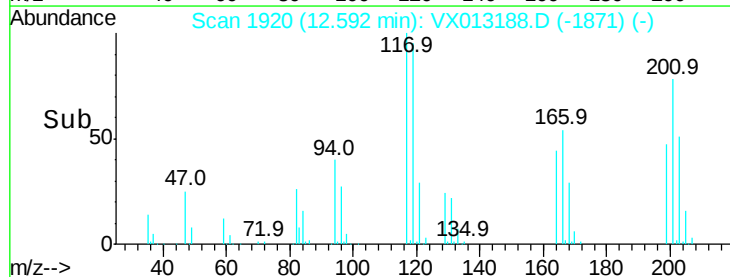
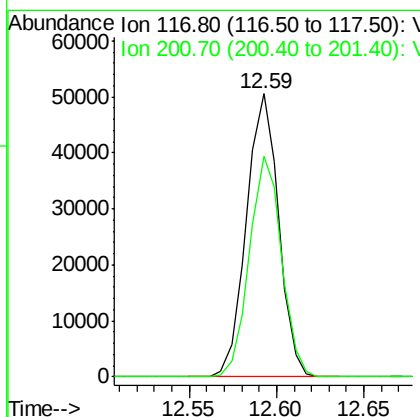
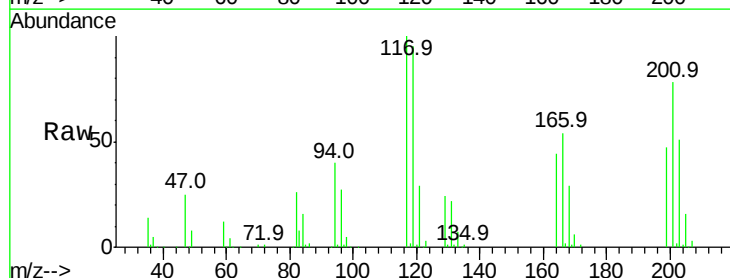
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

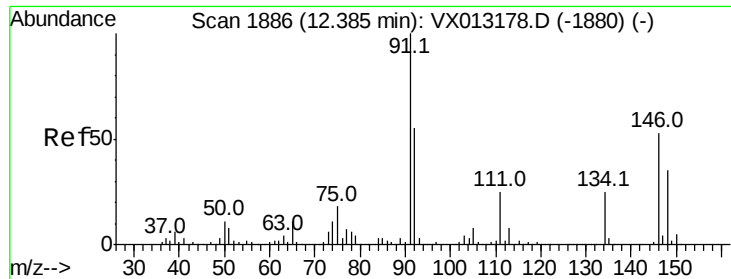
Tgt Ion: 91 Resp: 315255
Ion Ratio Lower Upper
91 100
92 55.4 27.3 81.8
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 51.168 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013188.D
Acq: 23 Oct 2019 14:21

Tgt Ion: 117 Resp: 64576
Ion Ratio Lower Upper
117 100
201 77.9 38.5 115.3

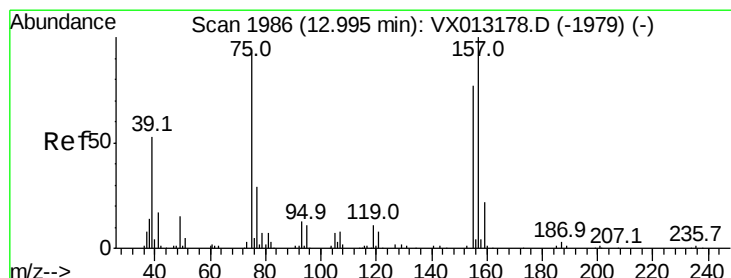
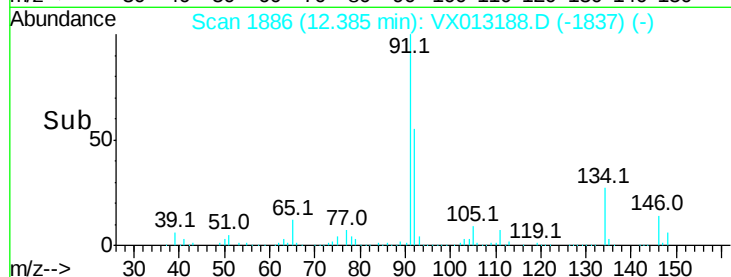
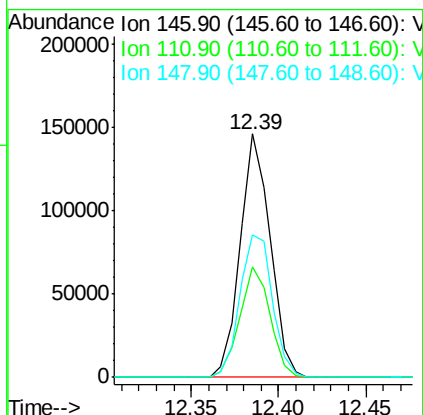
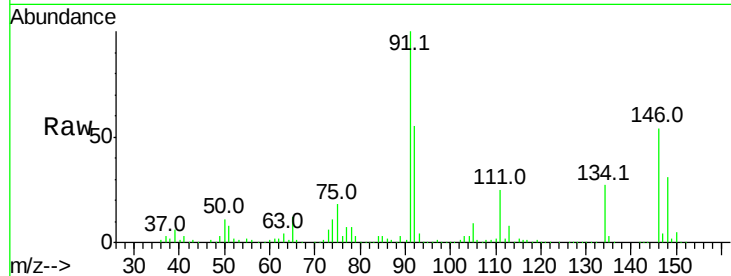




#91
 1,2-Dichlorobenzene
 Concen: 48.588 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

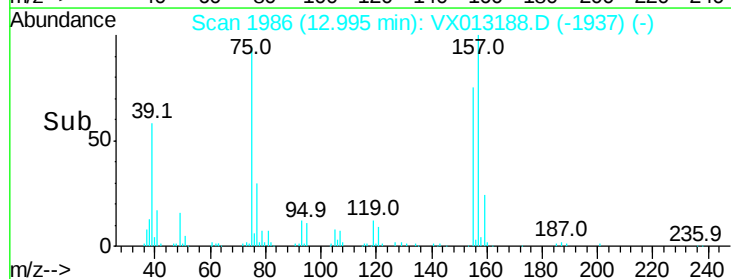
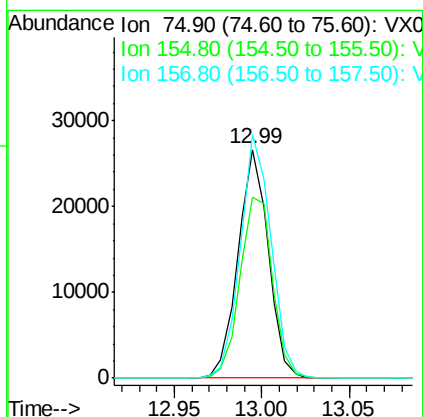
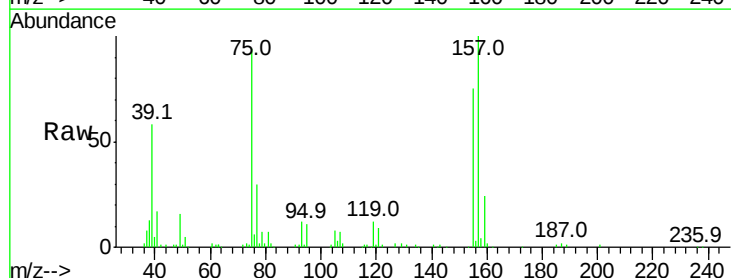
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

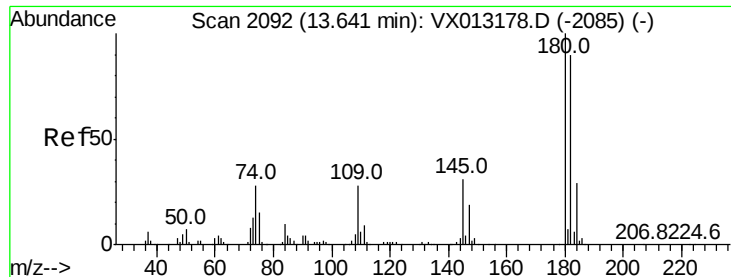
Tgt Ion:146 Resp: 174882
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.4 67.0
 148 63.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.990 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion: 75 Resp: 31996
 Ion Ratio Lower Upper
 75 100
 155 85.6 42.4 127.2
 157 108.5 54.4 163.1

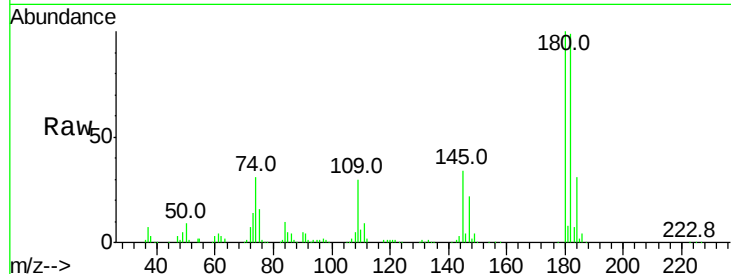




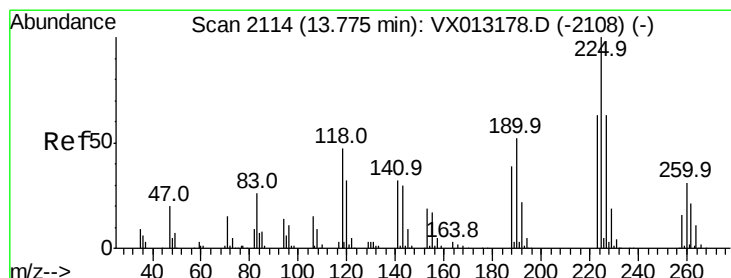
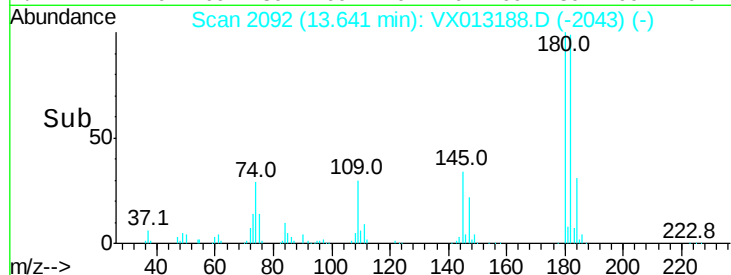
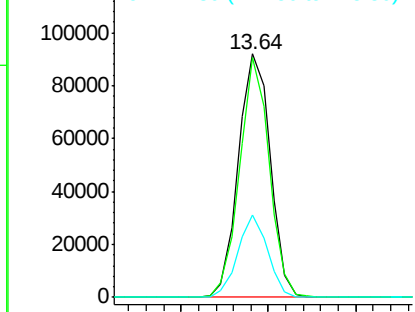
#93
 1,2,4-Trichlorobenzene
 Concen: 51.045 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 116618
 Ion Ratio Lower Upper
 180 100
 182 91.7 46.3 138.9
 145 31.7 16.4 49.2

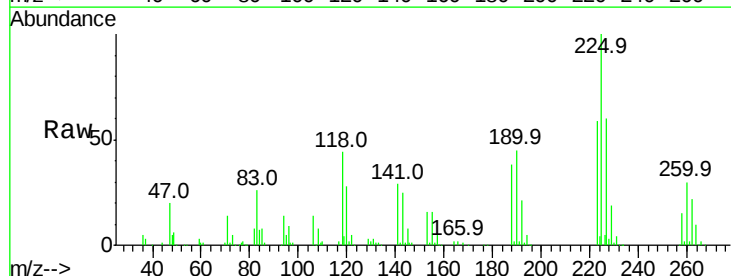


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

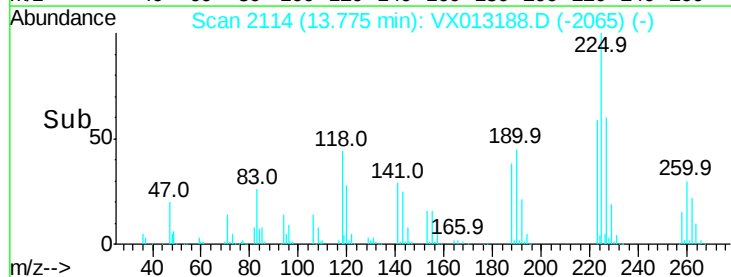
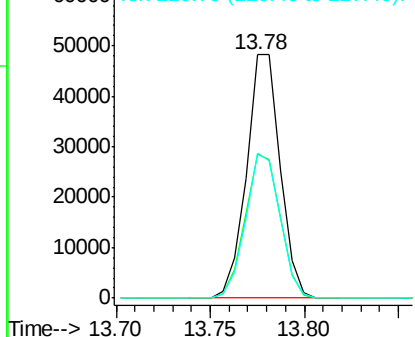


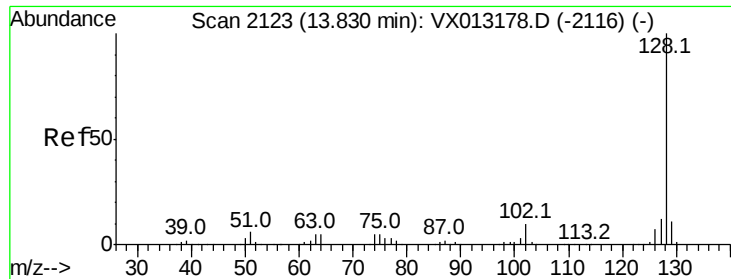
#94
 Hexachlorobutadiene
 Concen: 51.579 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013188.D
 Acq: 23 Oct 2019 14:21

Tgt Ion:225 Resp: 59747
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.0 96.2
 227 60.6 33.0 98.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.342 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

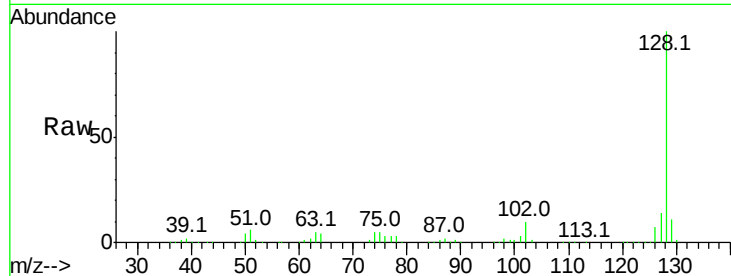
Tgt Ion:128 Resp: 359521

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

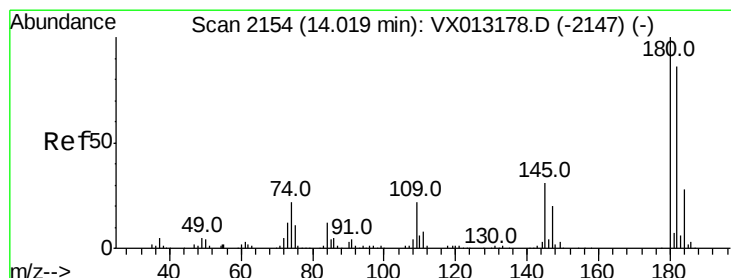
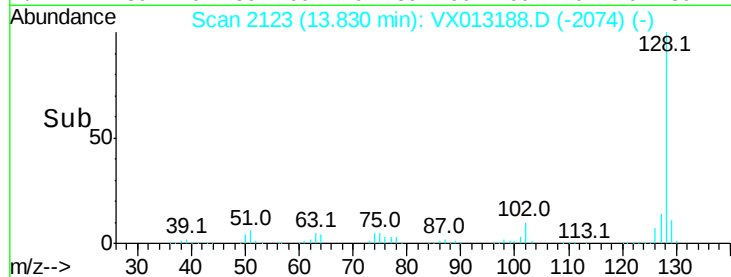
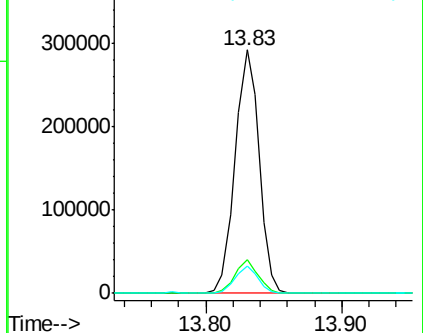
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.073 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013188.D

Acq: 23 Oct 2019 14:21

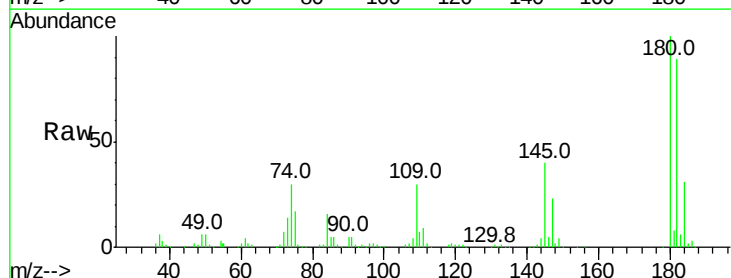
Tgt Ion:180 Resp: 112598

Ion Ratio Lower Upper

180 100

182 96.6 48.1 144.4

145 37.1 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

