

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
 Data File : VX018936.D
 Acq On : 15 Oct 2020 14:48
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 15 15:27:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52596	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	287331	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253403	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	99530	24.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	83.27%
60) 4-Bromofluorobenzene	11.12	95	119904	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.70	98	332477	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	261547	96.286	ug/l 98
3) Chloromethane	1.31	50	280541	94.600	ug/l 100
4) Vinyl Chloride	1.39	62	360127	113.593	ug/l 100
5) Bromomethane	1.62	94	168193	79.817	ug/l 99
6) Chloroethane	1.70	64	245727	125.407	ug/l 97
7) Trichlorofluoromethane	1.91	101	560764	105.926	ug/l 100
8) Diethyl Ether	2.17	74	226633	130.260	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	310027	112.825	ug/l 100
10) 1,1-Dichloroethene	2.35	96	325597	119.587	ug/l 98
11) Methyl Iodide	2.49	142	428345	140.570	ug/l 97
12) Methyl Acetate	2.75	43	329510	96.864	ug/l 95
13) Acrolein	2.28	56	323036	974.970	ug/l 98
14) Acrylonitrile	3.12	53	758638	490.409	ug/l 99
15) Acetone	2.42	58	224386	502.760	ug/l 100
16) Carbon Disulfide	2.54	76	796965	104.081	ug/l 99
17) Allyl chloride	2.70	41	425429	92.477	ug/l 99
18) Methylene Chloride	2.83	84	319155	103.137	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	327797	110.332	ug/l 98
20) Diisopropyl ether	3.82	45	793927	88.555	ug/l 94
21) 1,1-Dichloroethane	3.67	63	536894	101.237	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	377382	114.953	ug/l 98
23) tert-Butyl Alcohol	3.03	59	403363	566.160	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	909967	98.119	ug/l 100
25) Chloroform	5.18	83	570288	100.821	ug/l 95
26) Cyclohexane	5.54	56	429080	99.477	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	436901	100.570	ug/l 99
30) 2-Butanone	4.64	43	1101268	472.615	ug/l 99
31) 2,2-Dichloropropane	4.55	77	510345	97.803	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	530732	95.026	ug/l 99
33) Carbon Tetrachloride	5.75	117	486053	93.799	ug/l 98
34) Benzene	6.11	78	1297445	104.481	ug/l 99
35) Methacrylonitrile	5.01	41	228060	92.662	ug/l 97
36) 1,2-Dichloroethane	6.16	62	428451	86.273	ug/l 99
37) Trichloroethene	7.19	130	383715	105.915	ug/l 97
38) Methylcyclohexane	7.44	83	497377	105.239	ug/l 98
39) 1,2-Dichloropropane	7.49	63	318173	97.312	ug/l 96
40) Dibromomethane	7.64	93	232376	97.941	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	472540	96.145	ug/l	99
42) Vinyl Acetate	3.79	43	3944261	456.608	ug/l	100
43) Ethyl Acetate	4.79	43	444495	95.780	ug/l	99
44) Isopropyl Acetate	6.42	43	724388	95.820	ug/l #	100
45) 1,4-Dioxane	7.71	88	156239	2338.057	ug/l	96
46) Methyl methacrylate	7.74	41	340209	91.601	ug/l	97
47) n-amyl Acetate	10.88	43	604849	90.590	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	537778	100.288	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	575087	102.214	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	331599	99.181	ug/l	98
51) Ethyl methacrylate	9.16	69	522711	105.642	ug/l	99
52) 1,3-Dichloropropane	9.35	76	542948	97.934	ug/l	100
53) Dibromochloromethane	9.57	129	395924	95.172	ug/l	100
54) 1,2-Dibromoethane	9.65	107	361920	98.262	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1380960	536.331	ug/l	99
56) Bromoform	10.84	173	320249	101.114	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	2126174	500.813	ug/l	100
59) 2-Hexanone	9.48	43	1613027	498.029	ug/l	100
61) Tetrachloroethene	9.32	164	328748	105.412	ug/l	99
62) Toluene	8.77	91	1421208	111.178	ug/l	100
64) Chlorobenzene	10.12	112	896244	108.894	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	351360	106.049	ug/l	99
66) Ethyl Benzene	10.24	91	1571705	110.268	ug/l	97
67) m/p-Xylenes	10.34	106	1243715	227.983	ug/l	99
68) o-Xylene	10.68	106	583806	112.530	ug/l	100
69) Styrene	10.70	104	1021027	113.638	ug/l	99
70) Isopropylbenzene	11.00	105	1553901	108.888	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	494466	108.041	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	610056	139.080	ug/l	87
73) Bromobenzene	11.24	156	412696	106.983	ug/l	98
74) n-propylbenzene	11.34	91	1753986	104.979	ug/l	99
75) 2-Chlorotoluene	11.40	91	1031113	102.887	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1331193	107.824	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	200482	114.032	ug/l	98
78) 4-Chlorotoluene	11.49	91	1216068	101.987	ug/l	100
79) tert-butylbenzene	11.76	119	1325135	110.441	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1304642	107.031	ug/l	99
81) sec-Butylbenzene	11.93	105	1535388	109.746	ug/l	100
82) p-Isopropyltoluene	12.05	119	1418263	108.646	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	731124	106.807	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	740300	108.121	ug/l	99
85) n-Butylbenzene	12.37	91	1289776	111.954	ug/l	99
86) Hexachloroethane	12.58	117	243546	97.246	ug/l	92
87) 1,2-Dichlorobenzene	12.37	146	708373	109.625	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	121557	103.750	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	538552	121.393	ug/l	99
90) Hexachlorobutadiene	13.76	225	221504	119.523	ug/l	98
91) Naphthalene	13.82	128	1739341	124.080	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	523305	119.341	ug/l	99

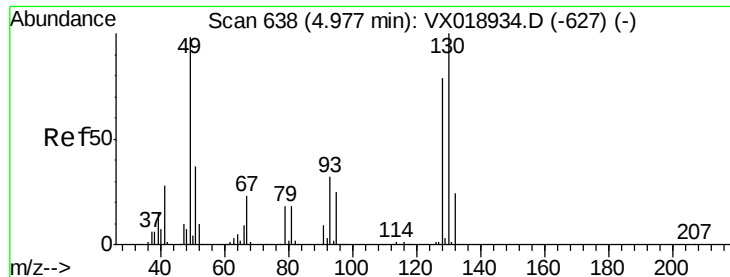
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

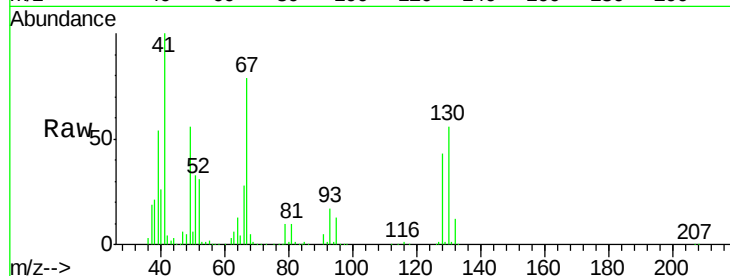
Tgt Ion:128 Resp: 52596

Ion Ratio Lower Upper

128 100

49 135.5 0.0 330.5

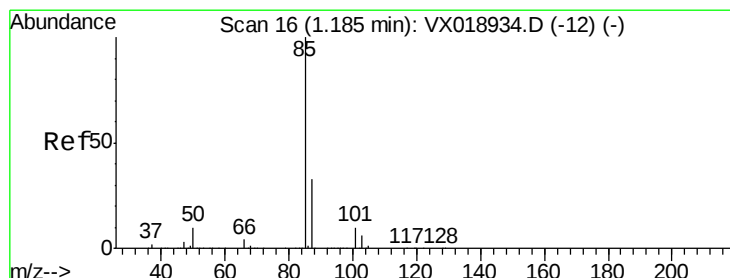
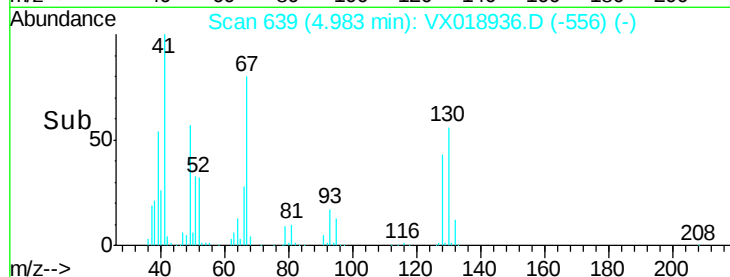
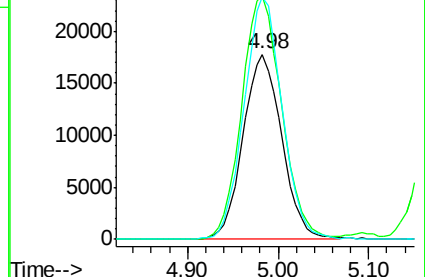
130 128.9 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 96.286 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018936.D

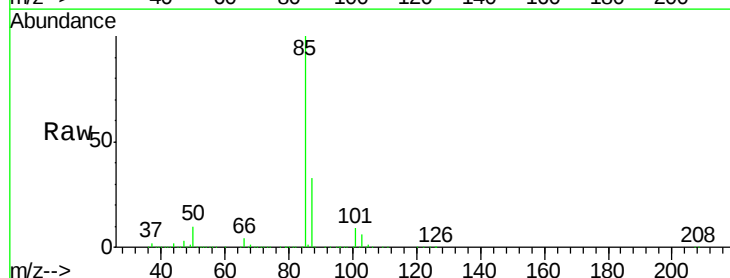
Acq: 15 Oct 2020 14:48

Tgt Ion: 85 Resp: 261547

Ion Ratio Lower Upper

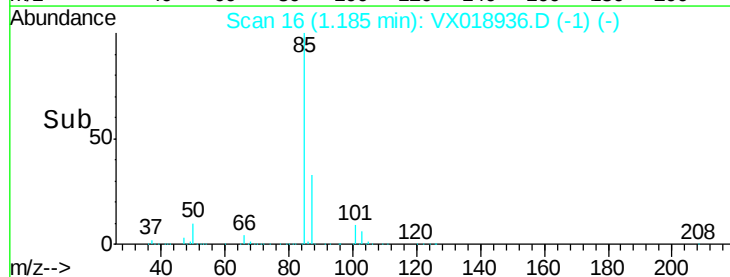
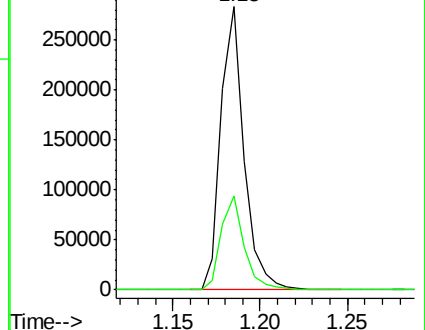
85 100

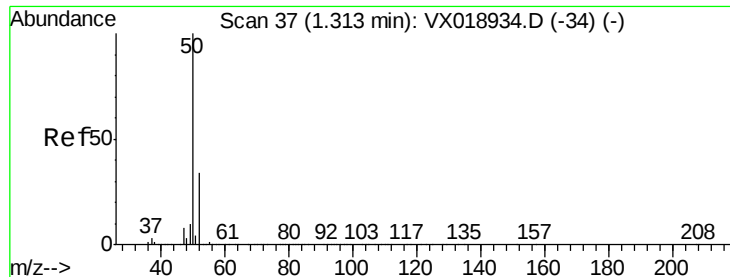
87 33.4 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

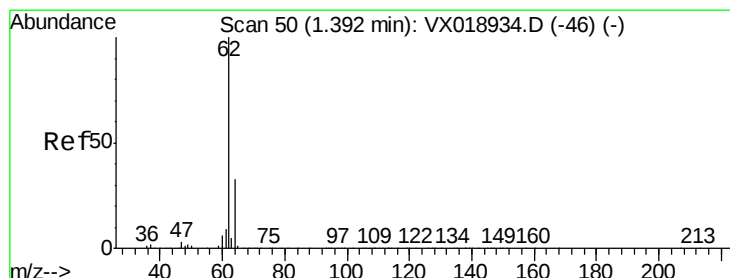
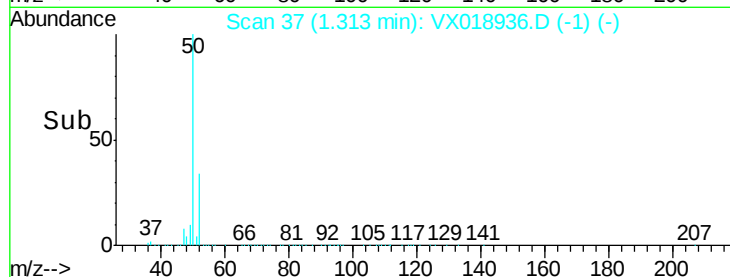
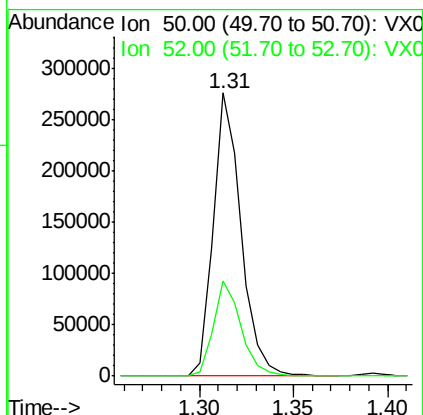
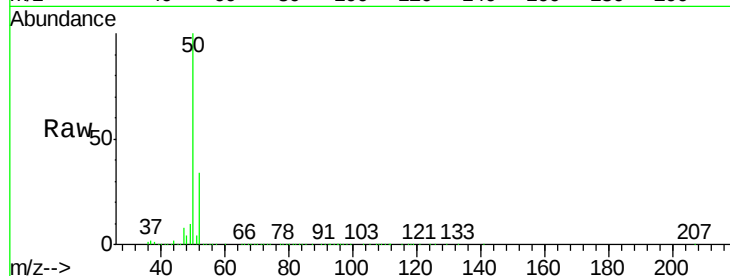




#3
Chloromethane
Concen: 94.600 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

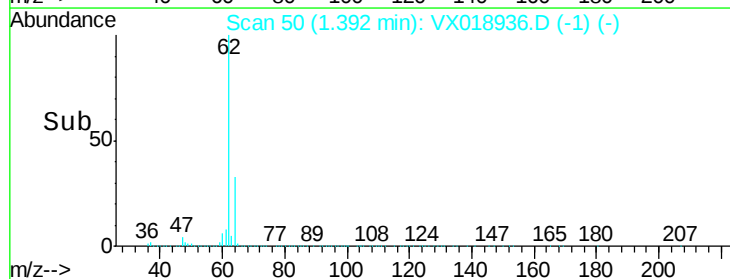
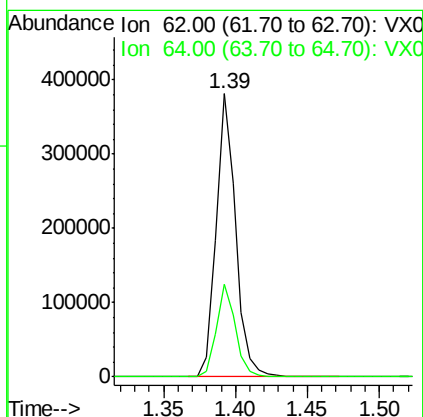
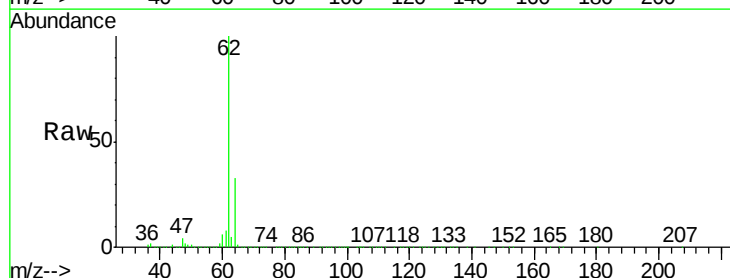
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

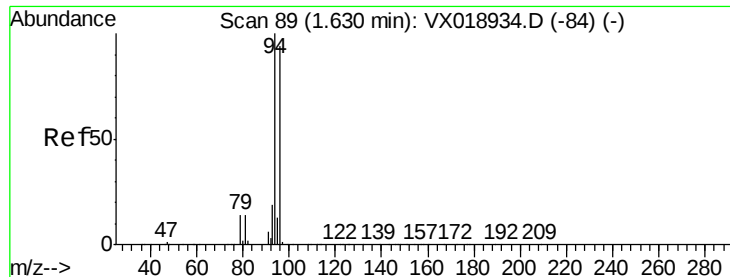
Tgt Ion: 50 Resp: 280541
Ion Ratio Lower Upper
50 100
52 33.6 27.0 40.4



#4
Vinyl Chloride
Concen: 113.593 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 62 Resp: 360127
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1





#5

Bromomethane

Concen: 79.817 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

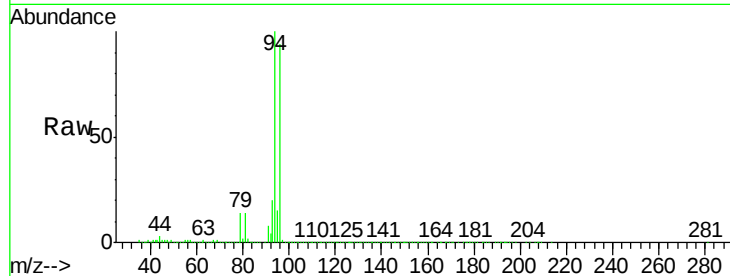
VSTDIC100

Tgt Ion: 94 Resp: 168193

Ion Ratio Lower Upper

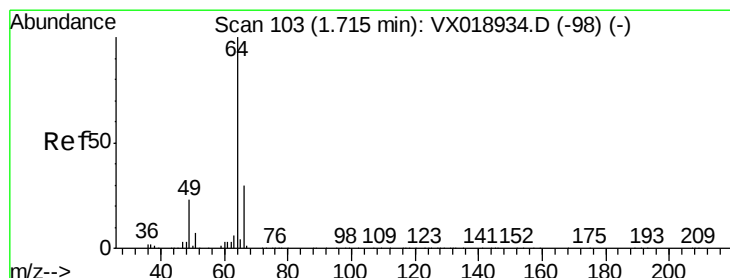
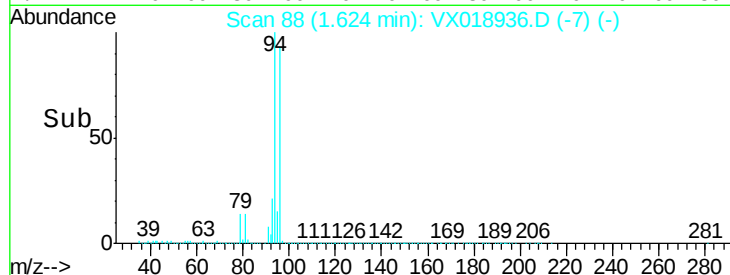
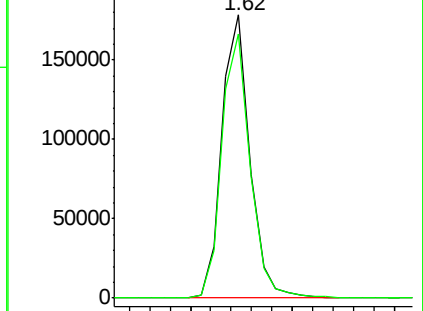
94 100

96 93.5 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 125.407 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018936.D

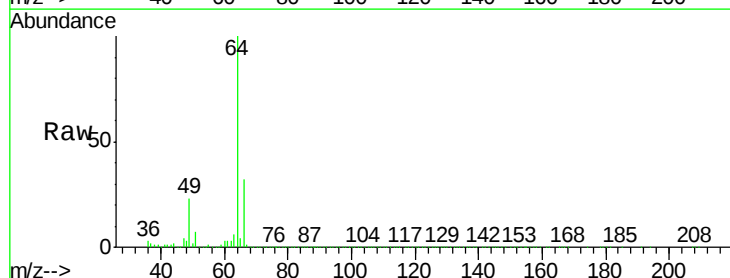
Acq: 15 Oct 2020 14:48

Tgt Ion: 64 Resp: 245727

Ion Ratio Lower Upper

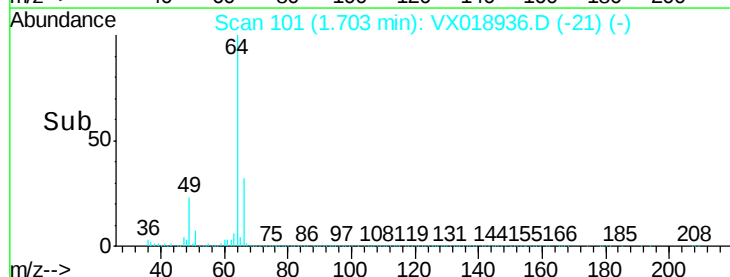
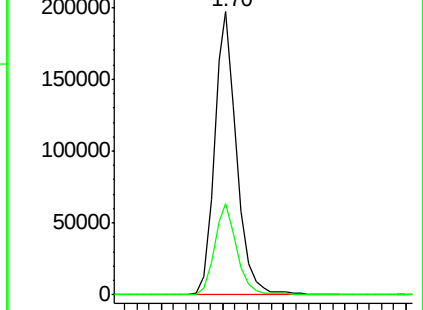
64 100

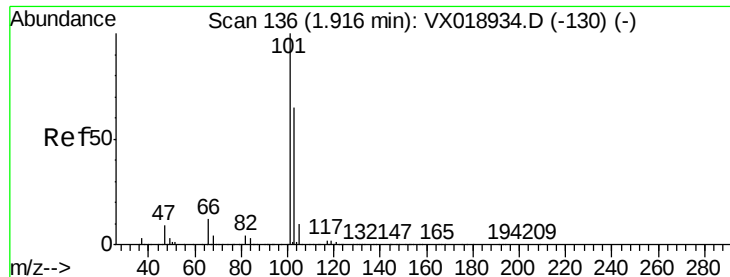
66 32.2 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



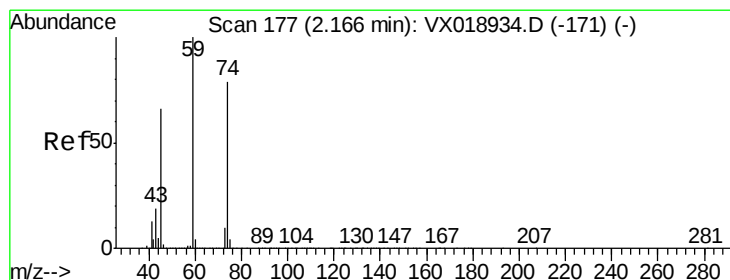
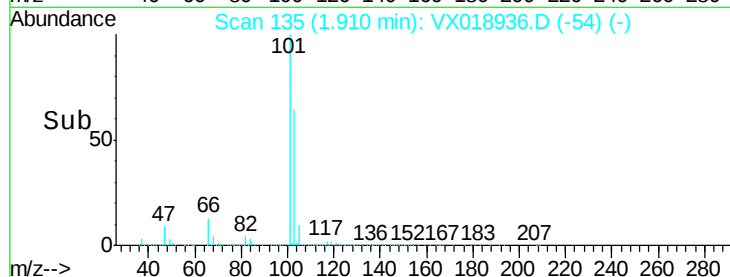
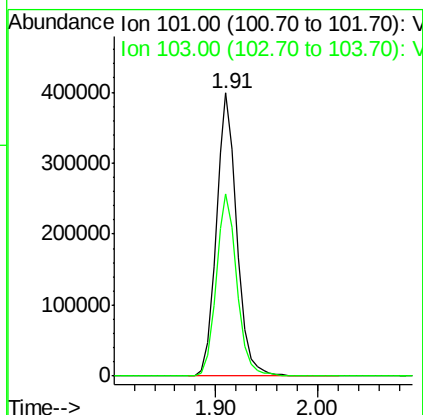
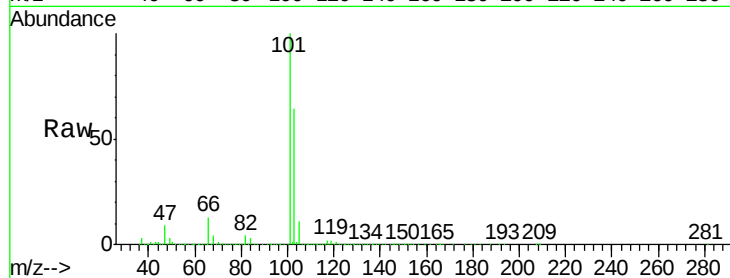


#7

Trichlorofluoromethane
Concen: 105.926 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

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VSTDIC100

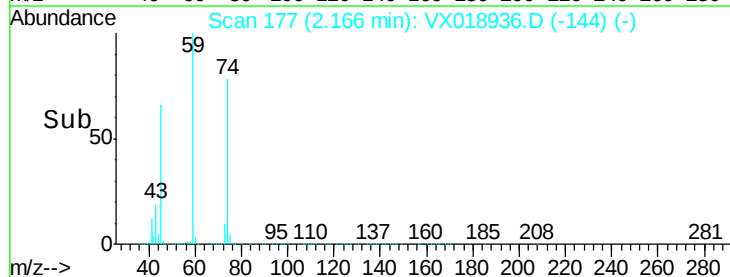
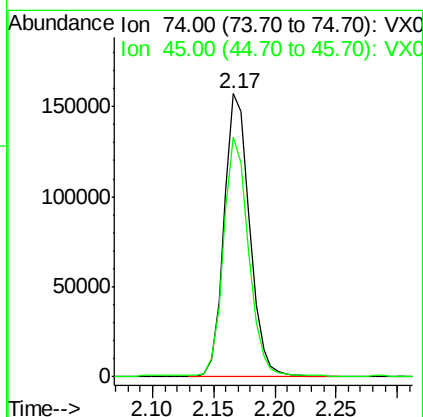
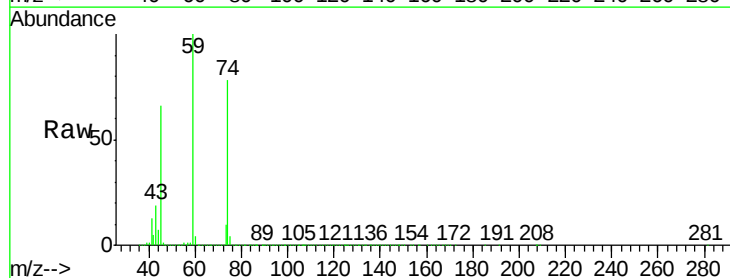
Tgt Ion:101 Resp: 560764
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

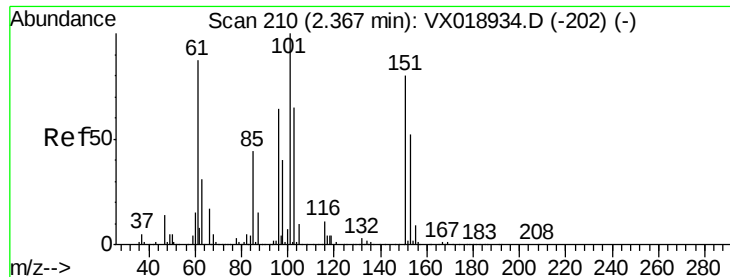


#8

Diethyl Ether
Concen: 130.260 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 74 Resp: 226633
Ion Ratio Lower Upper
74 100
45 82.8 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 112.825 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

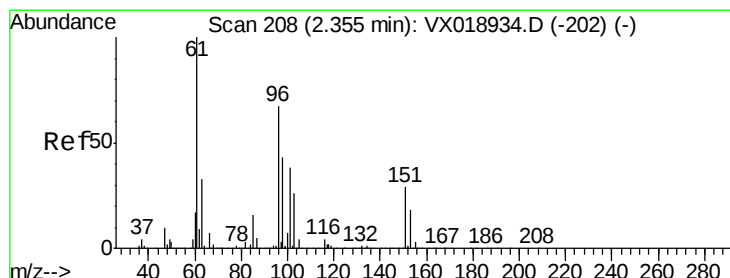
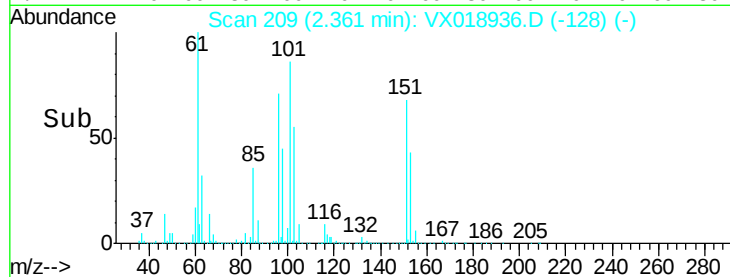
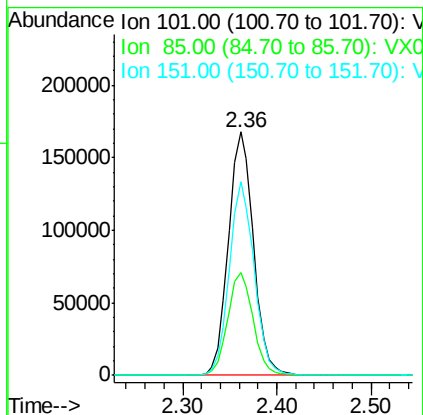
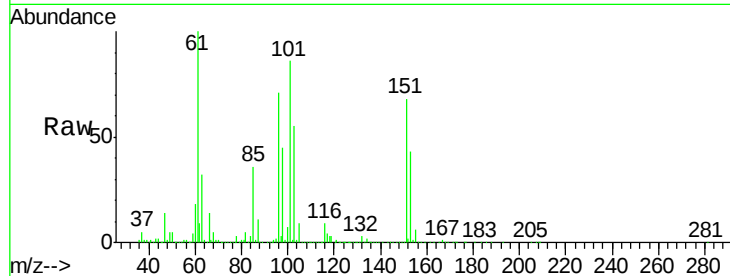
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	310027
Ion	Ratio	Lower	Upper
101	100		
85	42.5	0.0	85.4
151	79.0	0.0	157.6



#10

1,1-Dichloroethene

Concen: 119.587 ug/l

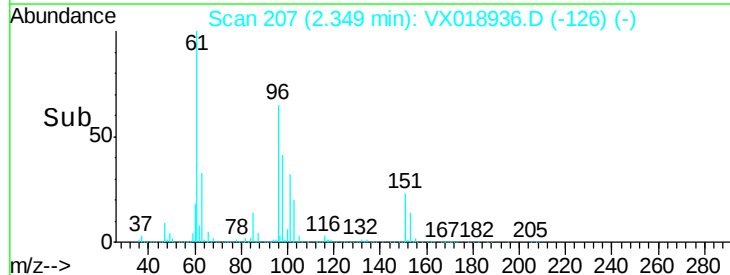
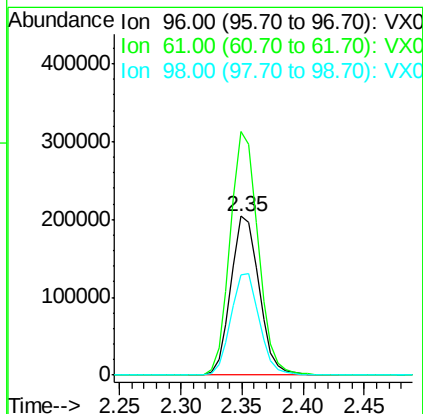
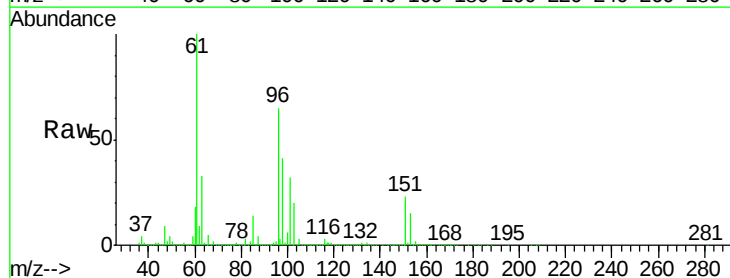
RT: 2.35 min Scan# 207

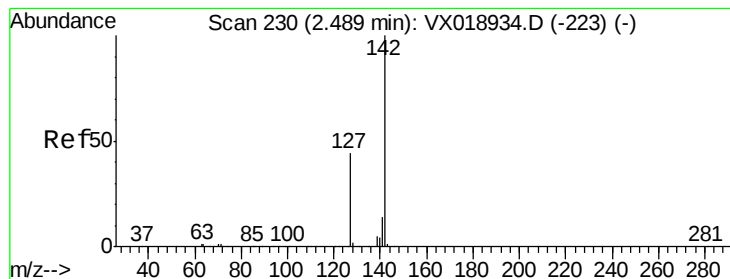
Delta R.T. -0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion:	96	Resp:	325597
Ion	Ratio	Lower	Upper
96	100		
61	153.4	120.2	180.4
98	63.1	51.4	77.0





#11

Methyl Iodide

Concen: 140.570 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

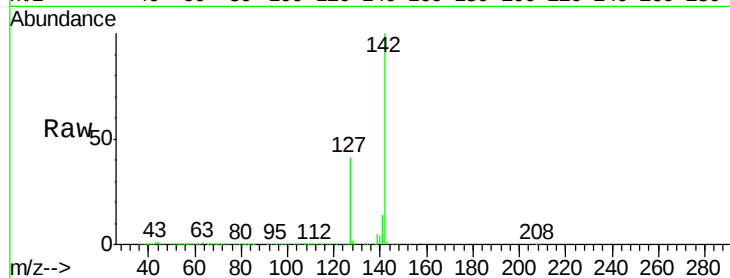
Tgt Ion:142 Resp: 428345

Ion Ratio Lower Upper

142 100

127 41.4 22.1 66.1

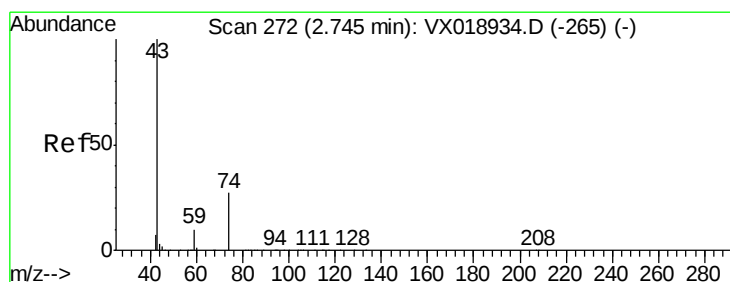
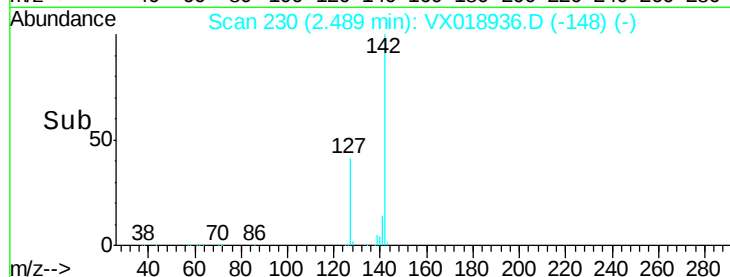
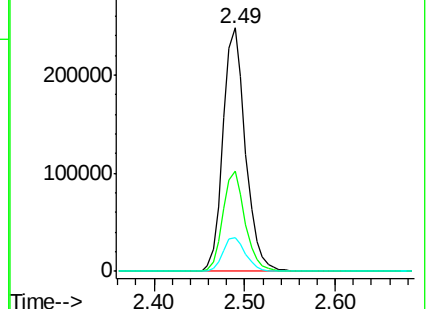
141 13.8 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 96.864 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX018936.D

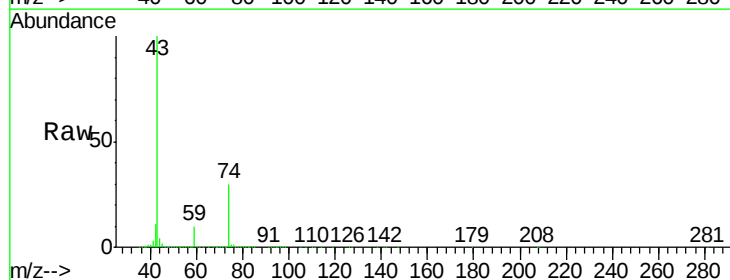
Acq: 15 Oct 2020 14:48

Tgt Ion: 43 Resp: 329510

Ion Ratio Lower Upper

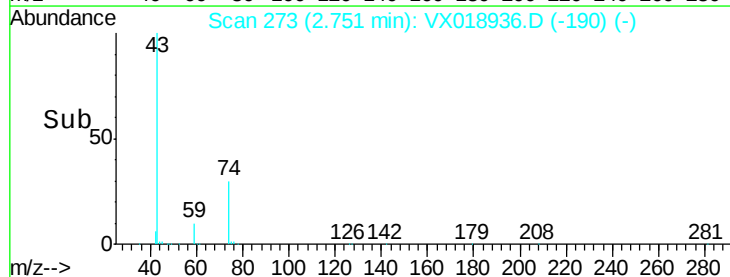
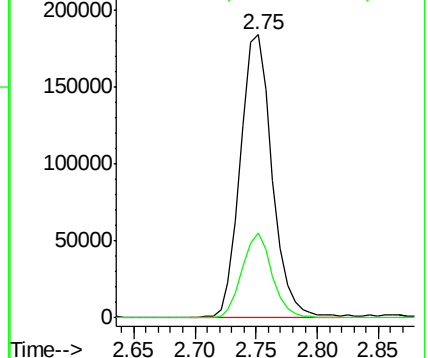
43 100

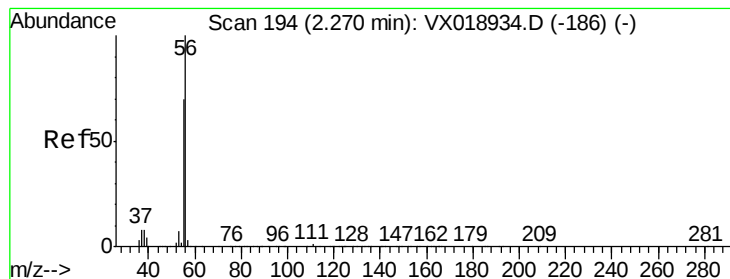
74 29.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 974.970 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

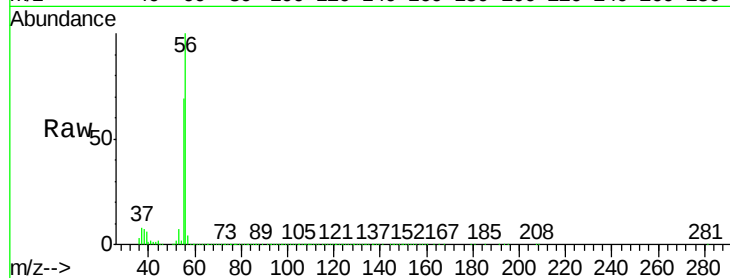
VSTDIC100

Tgt Ion: 56 Resp: 323036

Ion Ratio Lower Upper

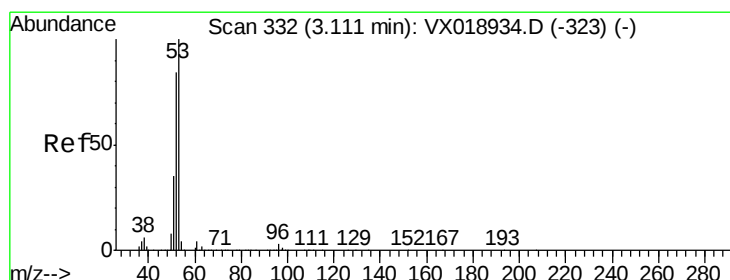
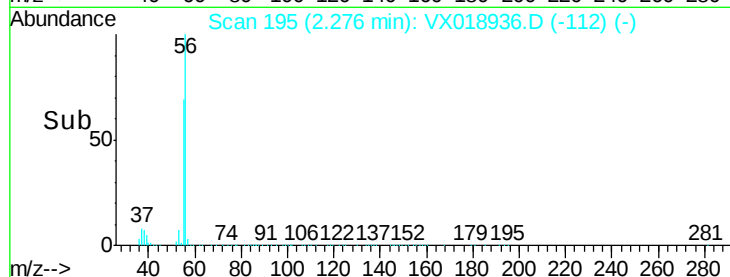
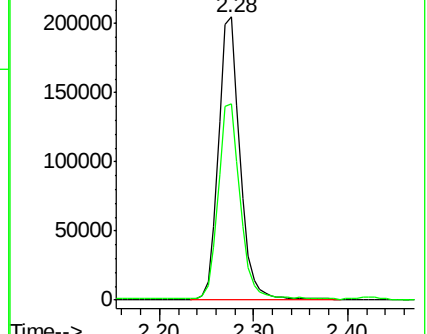
56 100

55 69.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 490.409 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

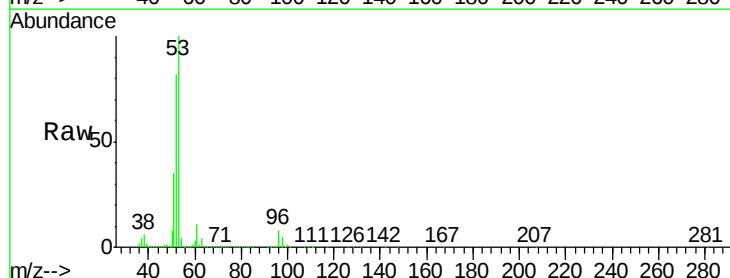
Tgt Ion: 53 Resp: 758638

Ion Ratio Lower Upper

53 100

52 82.2 40.3 120.8

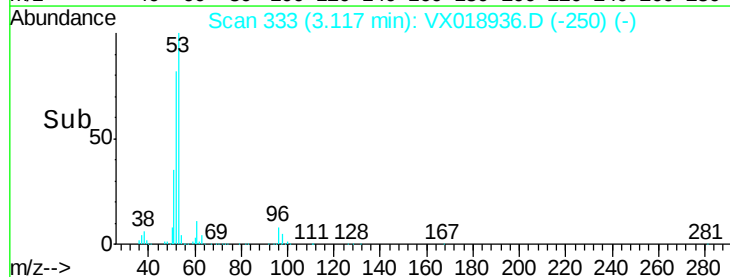
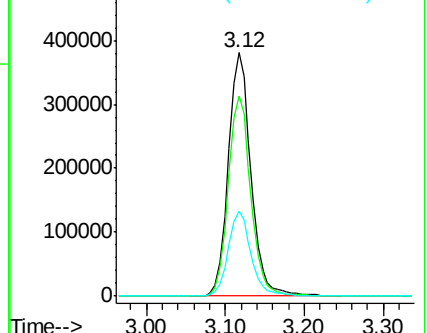
51 35.1 17.6 52.8

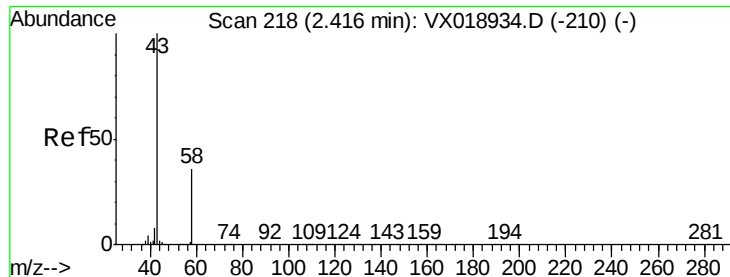


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 502.760 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

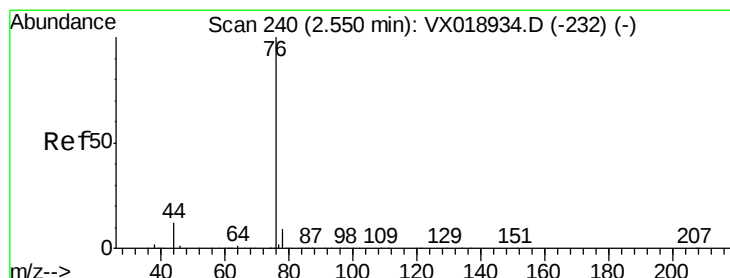
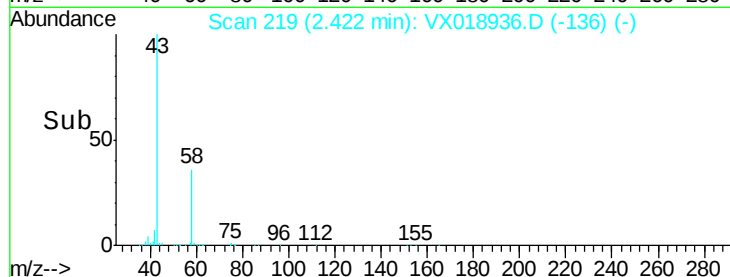
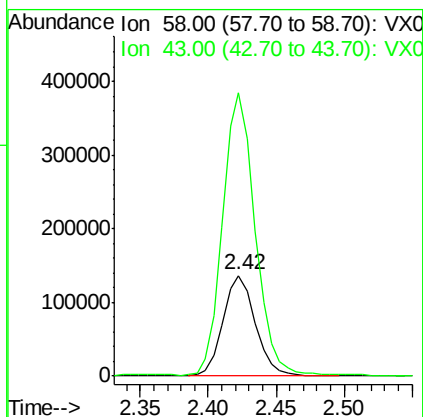
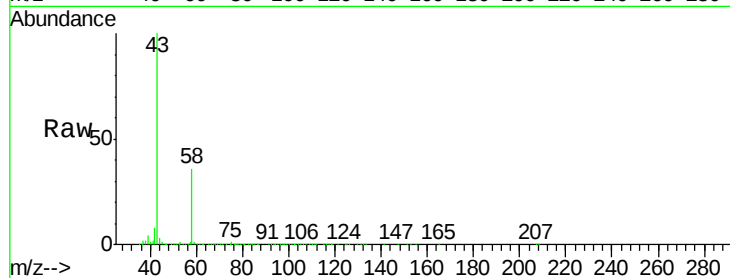
VSTDIC100

Tgt Ion: 58 Resp: 224386

Ion Ratio Lower Upper

58 100

43 280.0 223.8 335.8



#16

Carbon Disulfide

Concen: 104.081 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018936.D

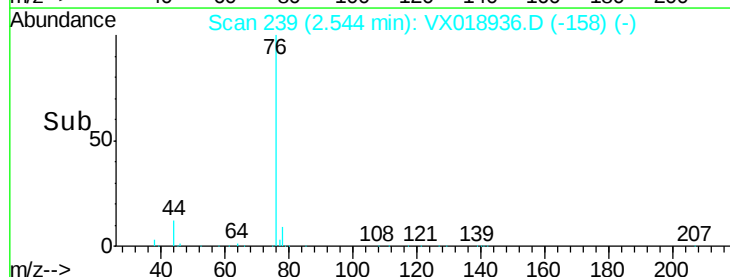
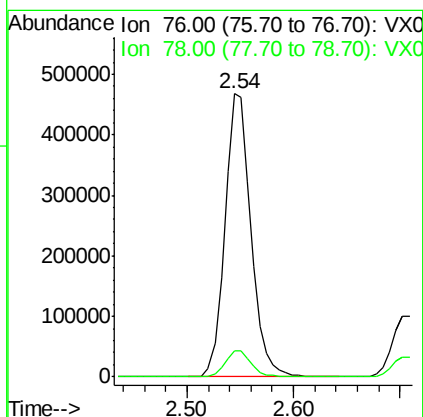
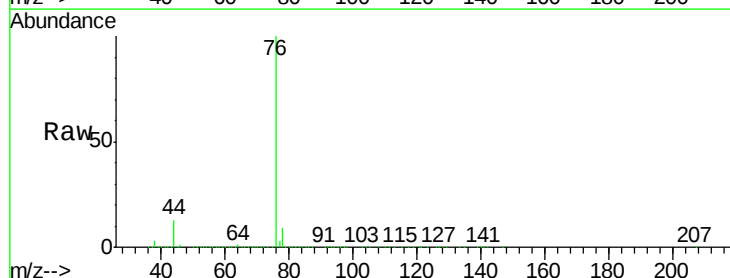
Acq: 15 Oct 2020 14:48

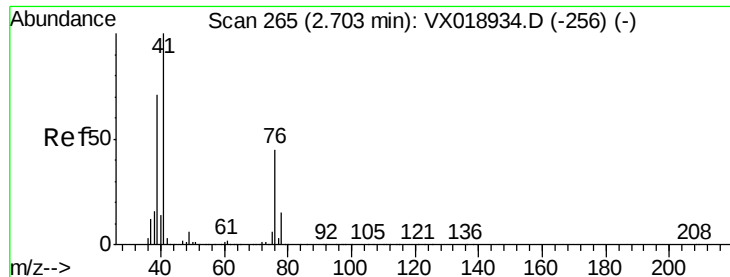
Tgt Ion: 76 Resp: 796965

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

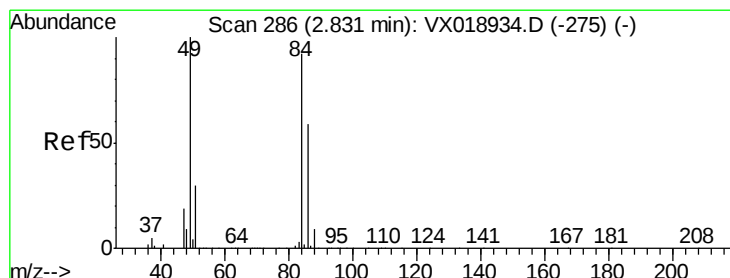
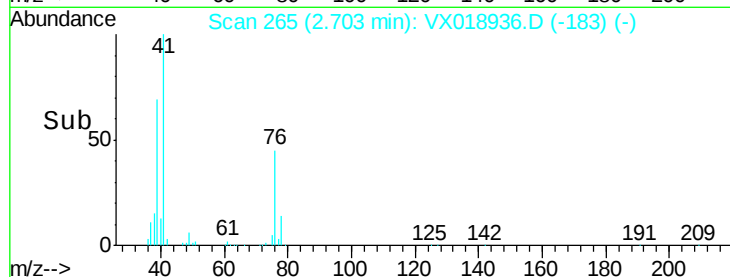
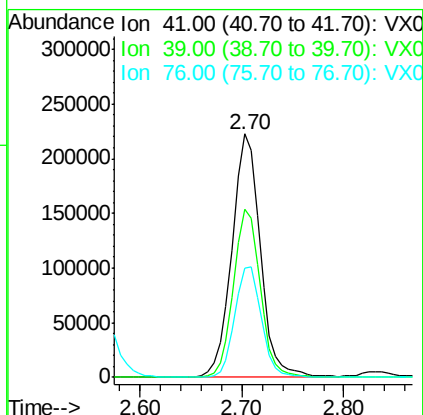
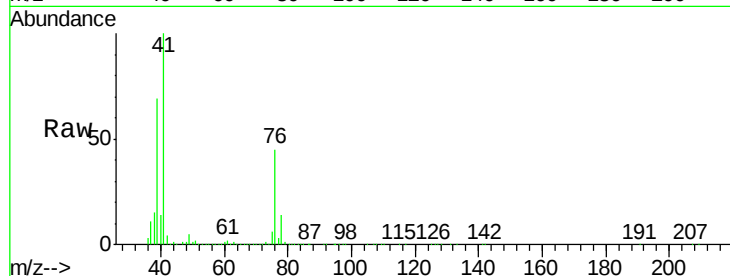




#17
 Allyl chloride
 Concen: 92.477 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

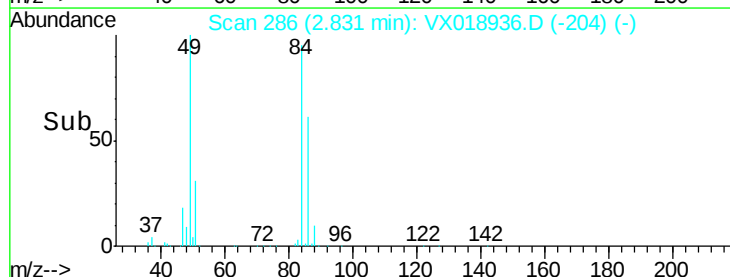
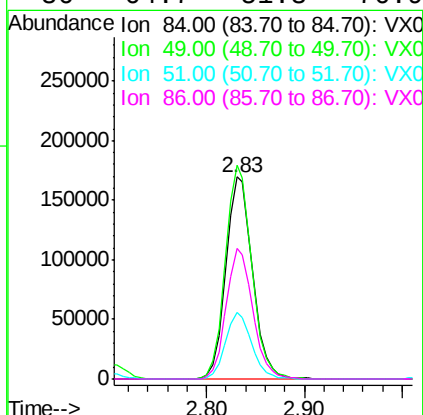
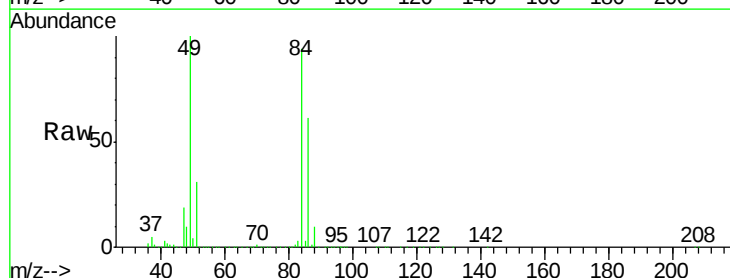
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

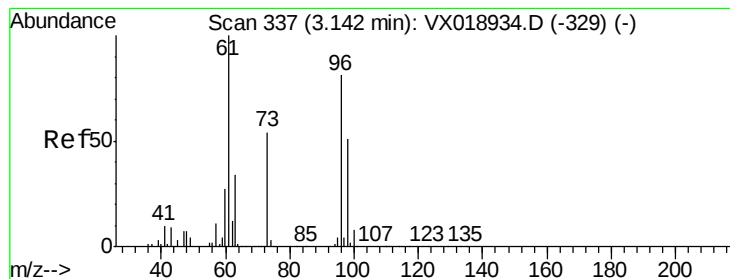
Tgt Ion: 41 Resp: 425429
 Ion Ratio Lower Upper
 41 100
 39 69.2 35.4 106.3
 76 45.1 22.4 67.2



#18
 Methylene Chloride
 Concen: 103.137 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 84 Resp: 319155
 Ion Ratio Lower Upper
 84 100
 49 106.0 87.2 130.8
 51 33.1 25.9 38.9
 86 64.7 51.3 76.9





#19

trans-1,2-Dichloroethene

Concen: 110.332 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

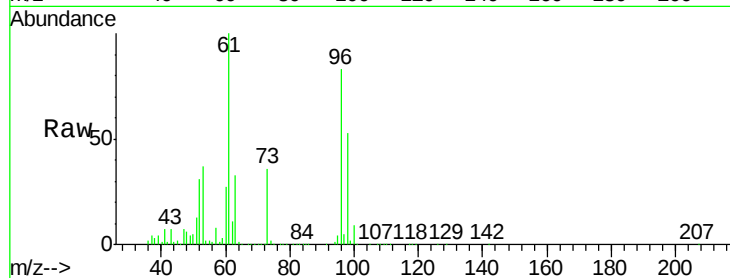
Tgt Ion: 96 Resp: 327797

Ion Ratio Lower Upper

96 100

61 121.1 98.6 147.8

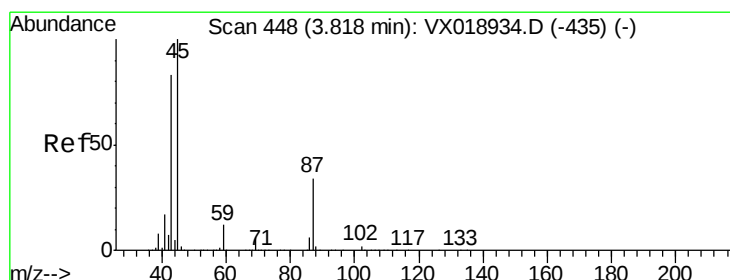
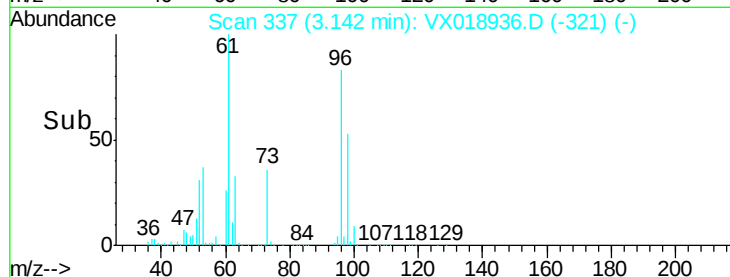
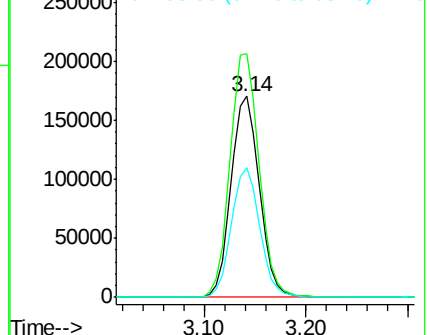
98 64.6 50.3 75.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 88.555 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Tgt Ion: 45 Resp: 793927

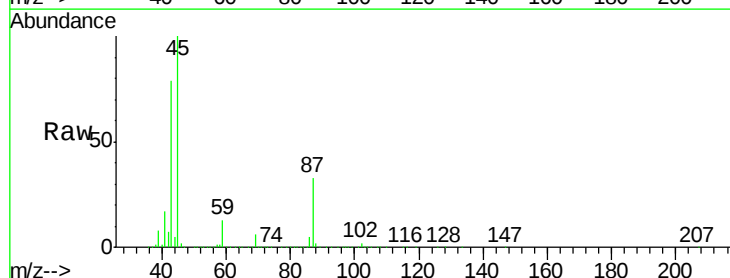
Ion Ratio Lower Upper

45 100

43 78.8 69.7 104.5

87 33.5 26.9 40.3

59 12.9 9.9 14.9

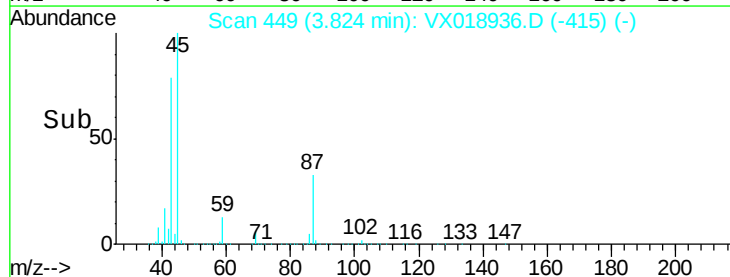
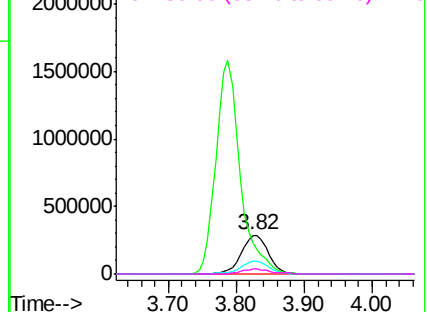


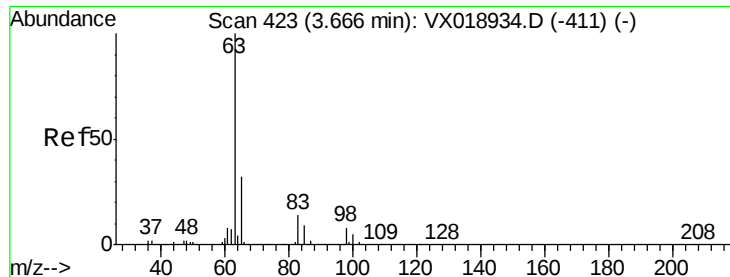
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

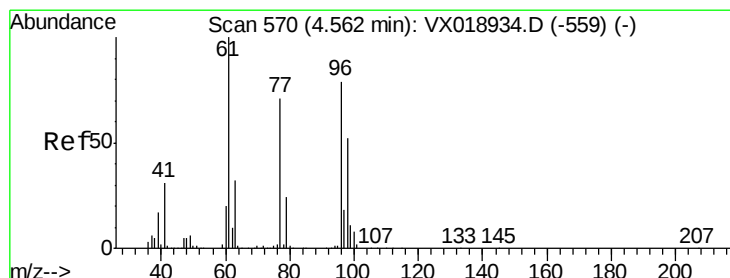
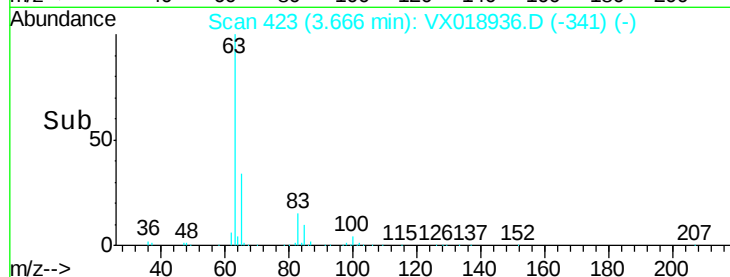
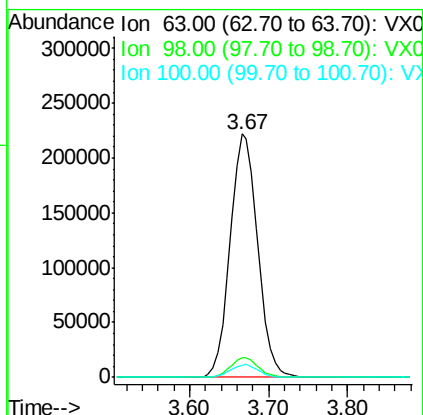
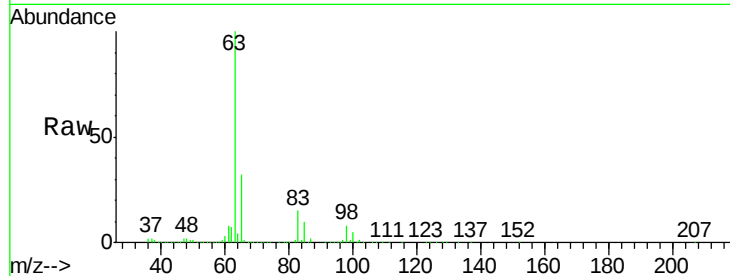




#21
 1,1-Dichloroethane
 Concen: 101.237 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

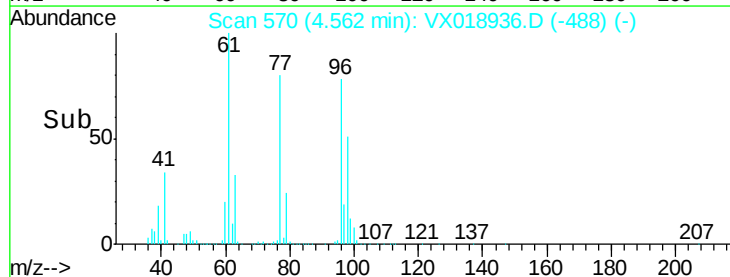
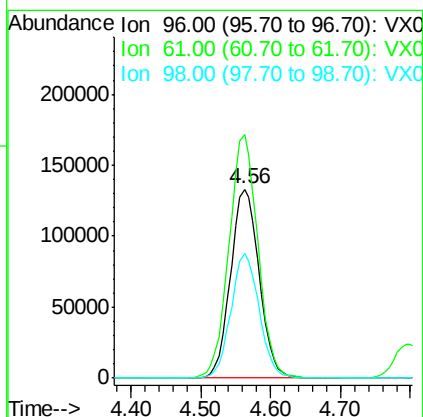
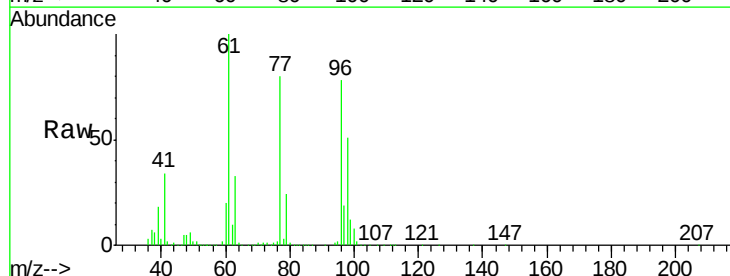
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

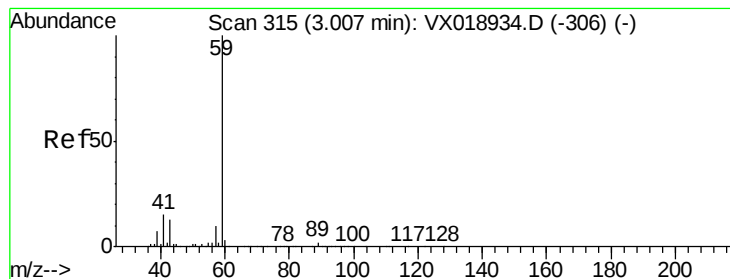
Tgt Ion: 63 Resp: 536894
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 5.1 2.5 7.6



#22
 cis-1,2-Dichloroethene
 Concen: 114.953 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 96 Resp: 377382
 Ion Ratio Lower Upper
 96 100
 61 130.5 107.7 161.5
 98 64.6 51.9 77.9





#23

tert-Butyl Alcohol

Concen: 566.160 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

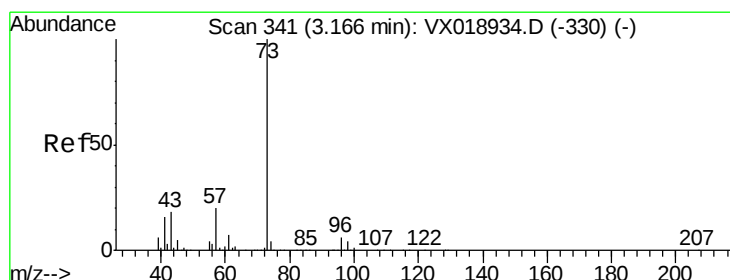
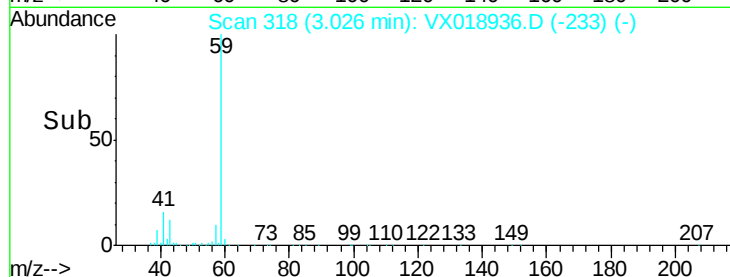
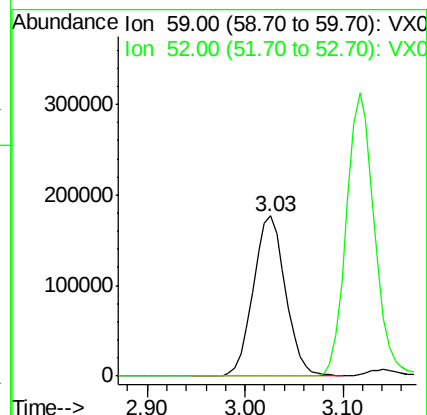
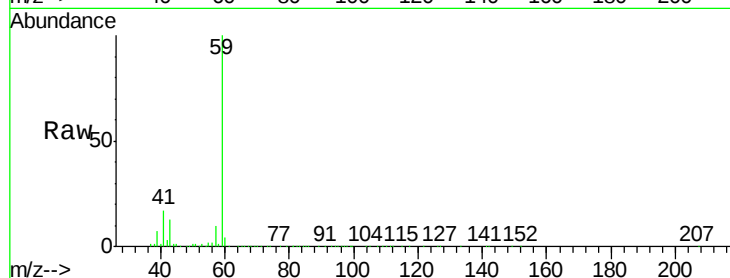
VSTDIC100

Tgt Ion: 59 Resp: 403363

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 98.119 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018936.D

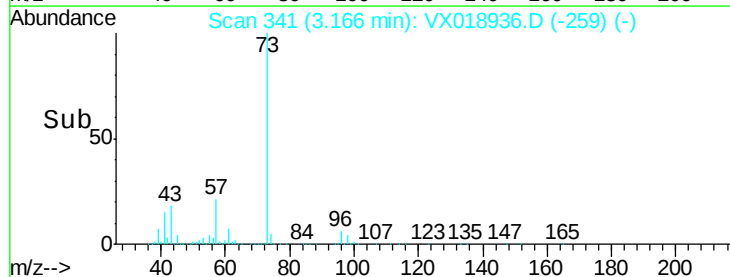
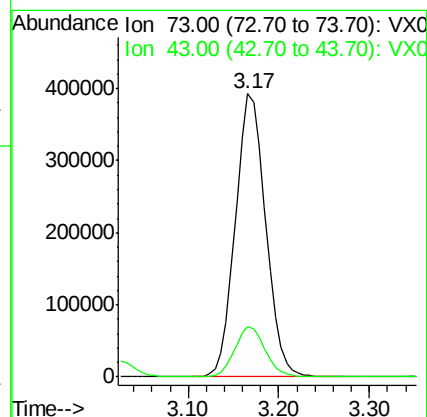
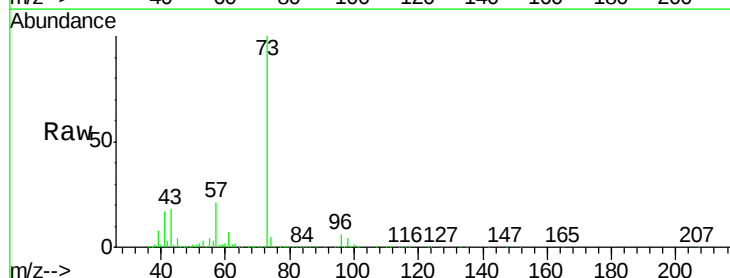
Acq: 15 Oct 2020 14:48

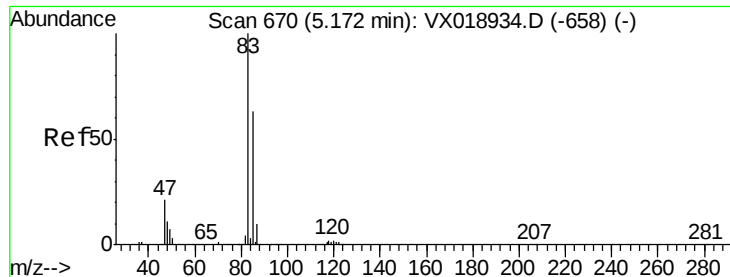
Tgt Ion: 73 Resp: 909967

Ion Ratio Lower Upper

73 100

43 17.3 13.8 20.8

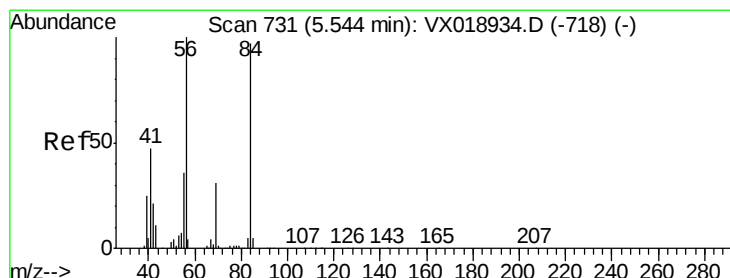
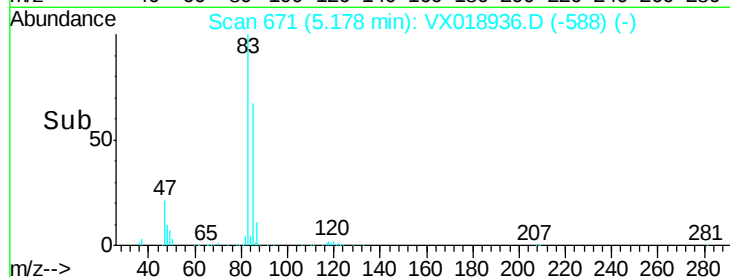
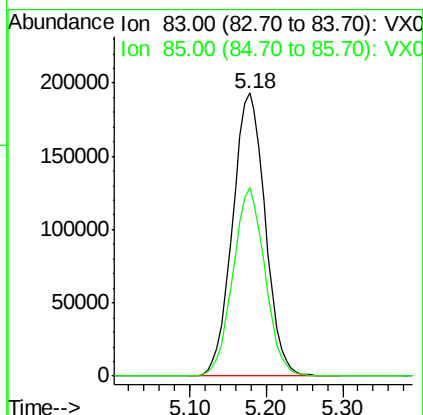
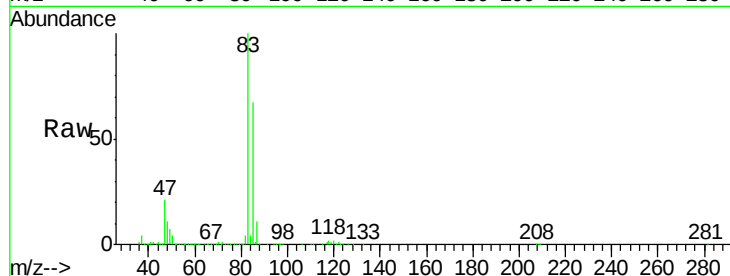




#25
Chloroform
Concen: 100.821 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

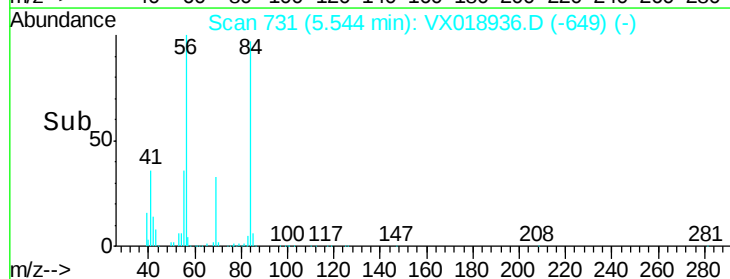
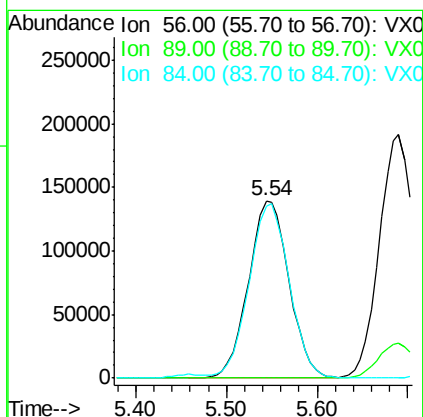
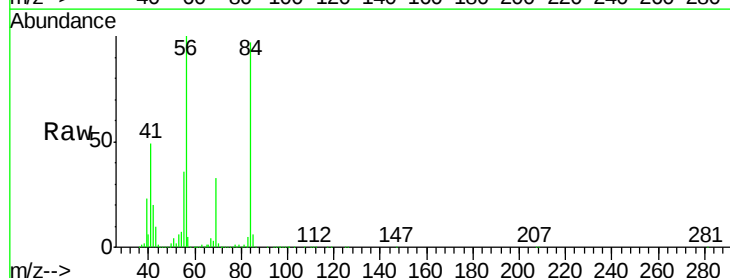
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

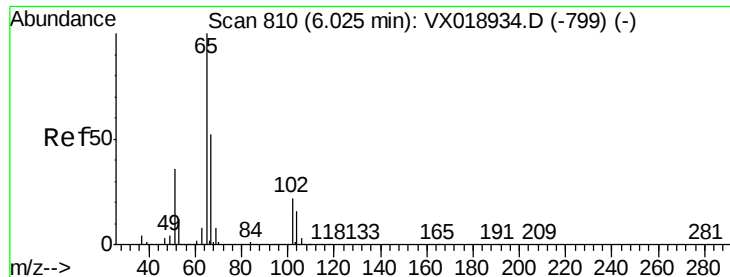
Tgt Ion: 83 Resp: 570288
Ion Ratio Lower Upper
83 100
85 66.8 50.3 75.5



#26
Cyclohexane
Concen: 99.477 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 56 Resp: 429080
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 98.1 78.0 117.0





#27

1,2-Dichloroethane-d4

Concen: 24.983 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

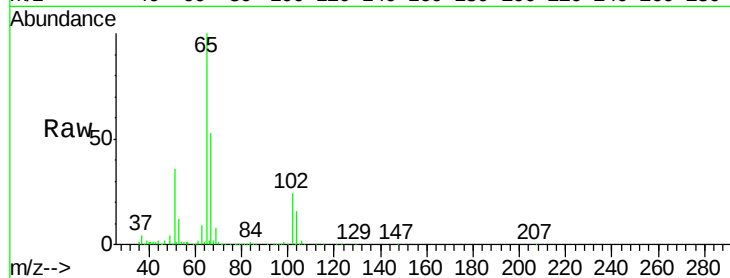
VSTDIC100

Tgt Ion: 65 Resp: 99530

Ion Ratio Lower Upper

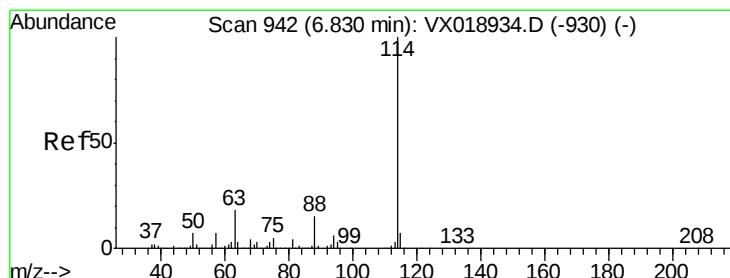
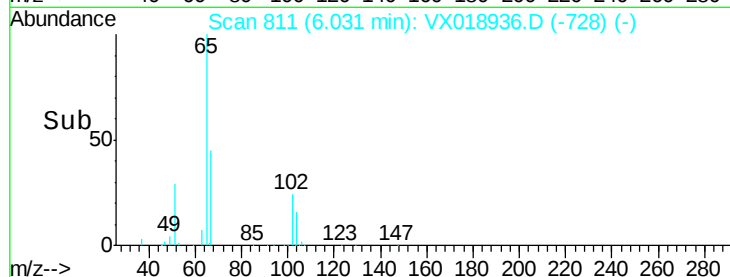
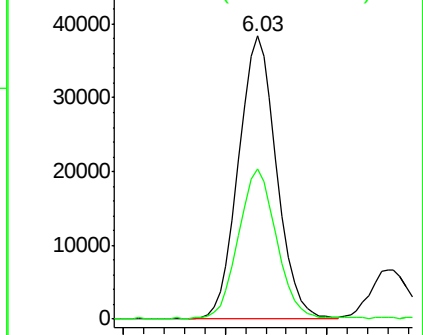
65 100

67 52.5 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

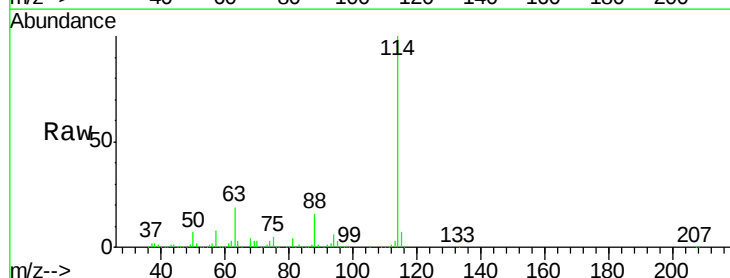
Tgt Ion: 114 Resp: 287331

Ion Ratio Lower Upper

114 100

63 18.2 14.6 21.8

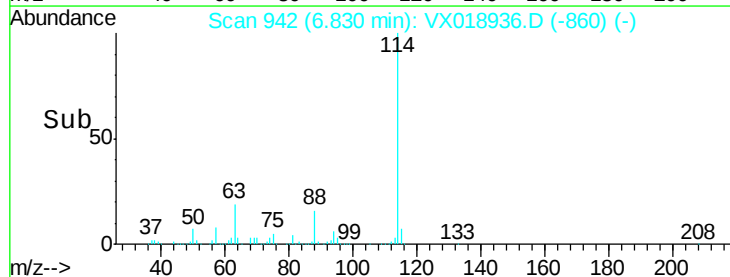
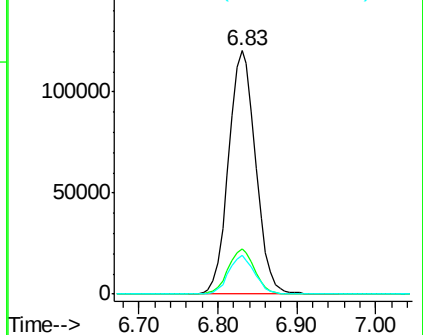
88 15.4 12.3 18.5

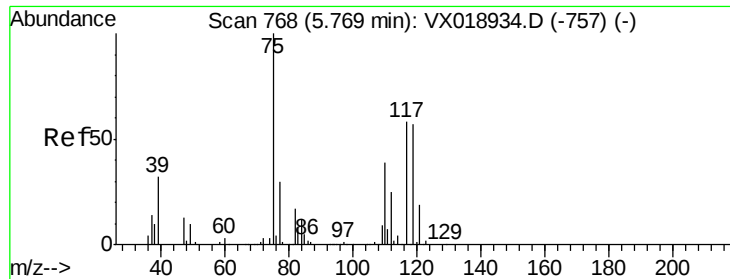


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

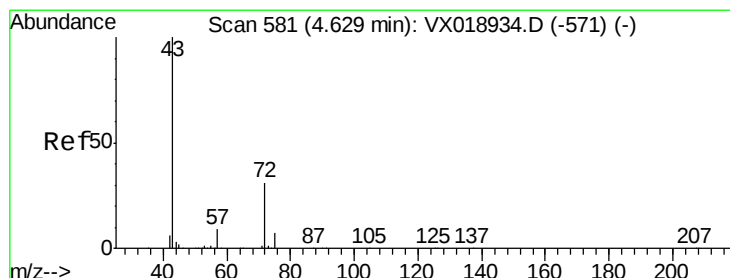
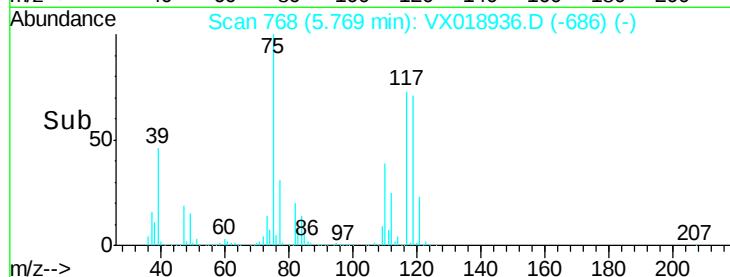
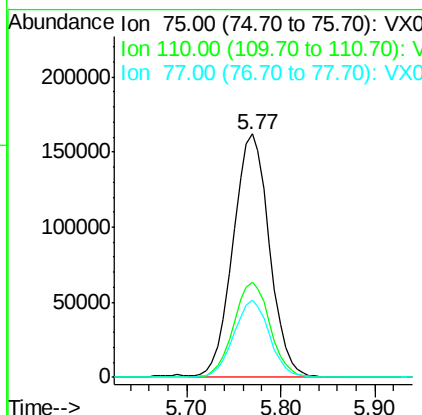
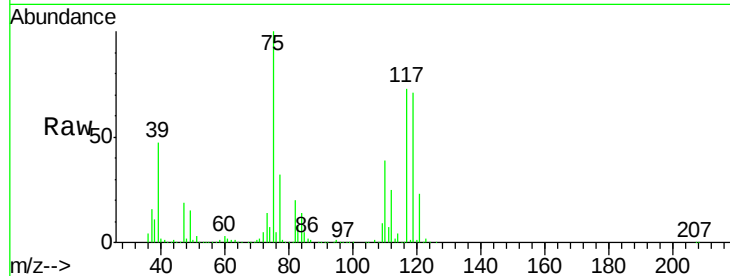




#29
 1,1-Dichloropropene
 Concen: 100.570 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

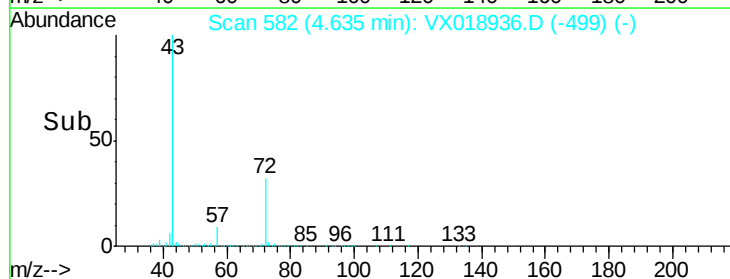
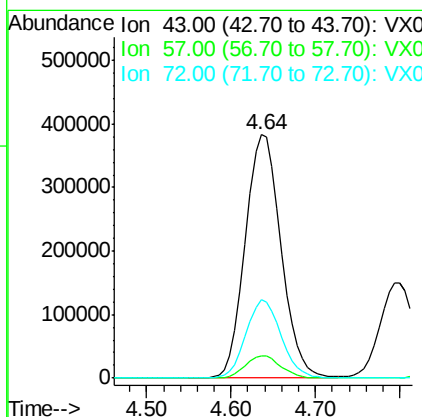
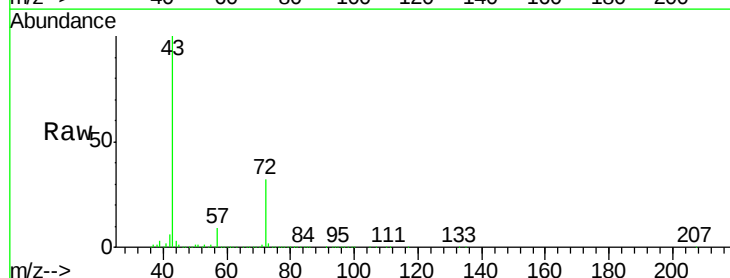
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

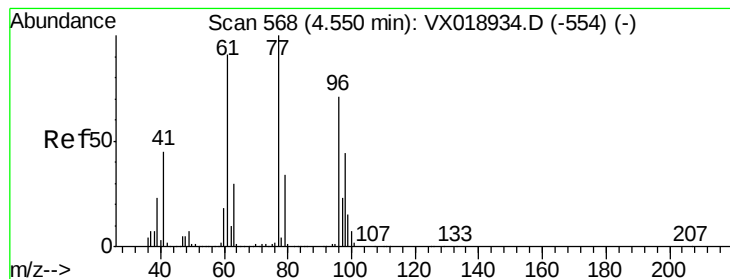
Tgt Ion: 75 Resp: 436901
 Ion Ratio Lower Upper
 75 100
 110 39.1 0.0 79.2
 77 31.0 0.0 62.6



#30
 2-Butanone
 Concen: 472.615 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 43 Resp: 1101268
 Ion Ratio Lower Upper
 43 100
 57 9.0 7.0 10.6
 72 31.7 25.6 38.4





#31

2,2-Dichloropropane

Concen: 97.803 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

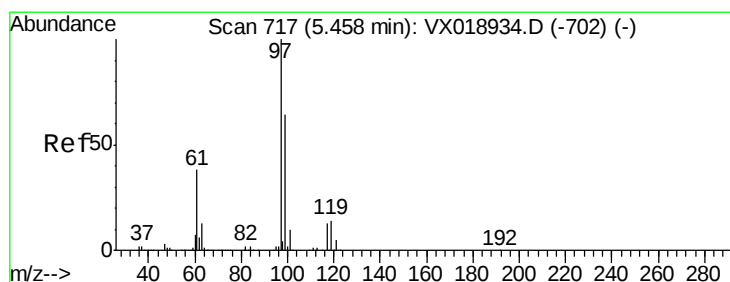
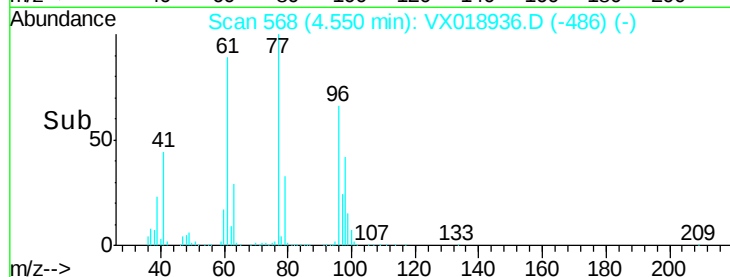
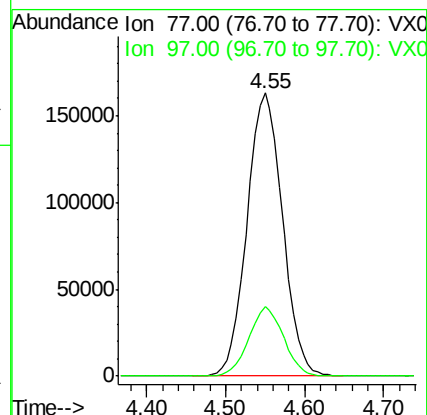
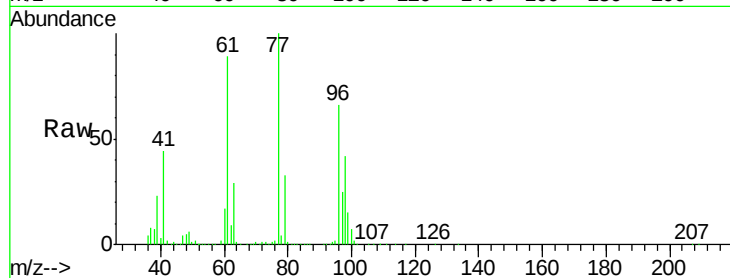
VSTDIC100

Tgt Ion: 77 Resp: 510345

Ion Ratio Lower Upper

77 100

97 24.0 19.0 28.6



#32

1,1,1-Trichloroethane

Concen: 95.026 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

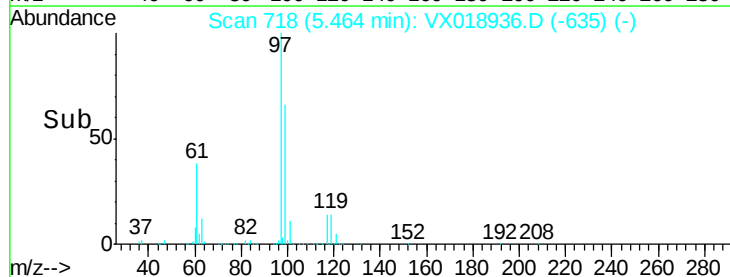
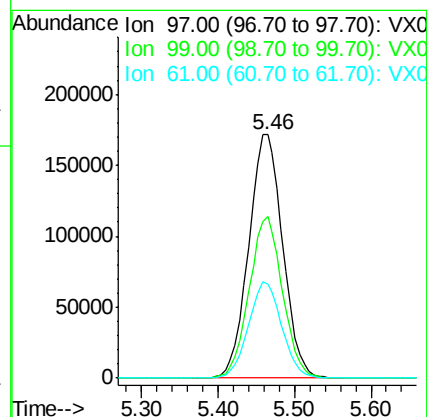
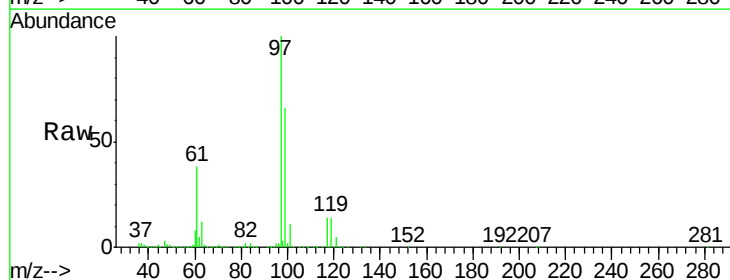
Tgt Ion: 97 Resp: 530732

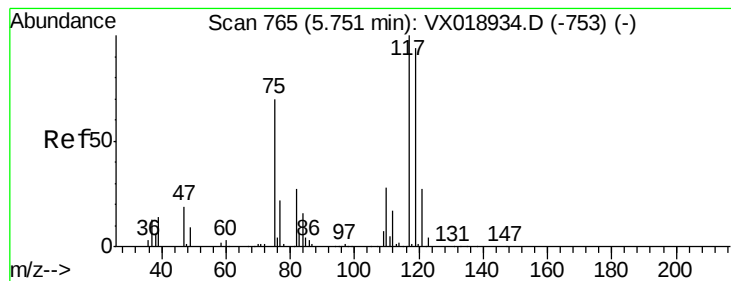
Ion Ratio Lower Upper

97 100

99 64.8 52.6 78.8

61 38.8 31.5 47.3





#33

Carbon Tetrachloride

Concen: 93.799 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

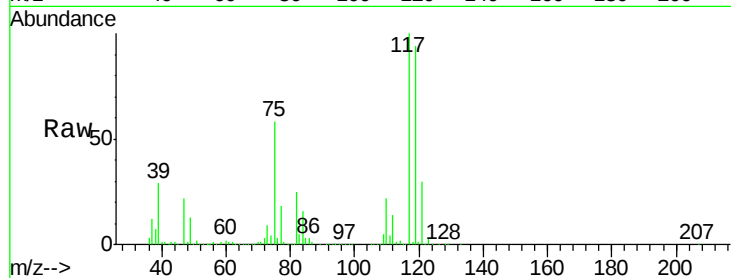
Tgt Ion:117 Resp: 486053

Ion Ratio Lower Upper

117 100

119 94.3 75.0 112.4

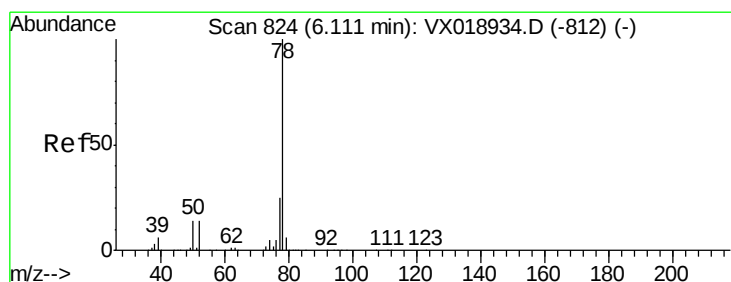
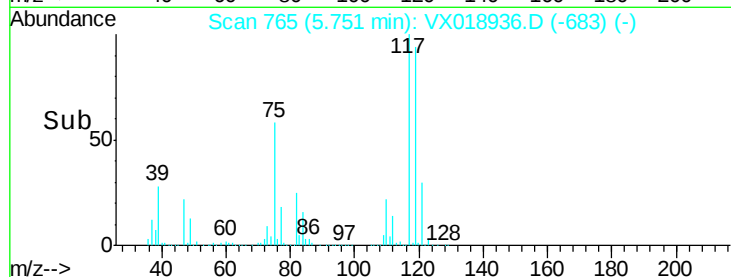
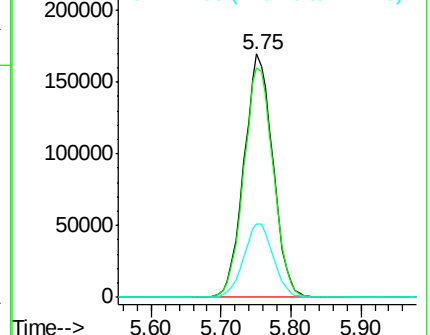
121 30.2 21.8 32.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 104.481 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

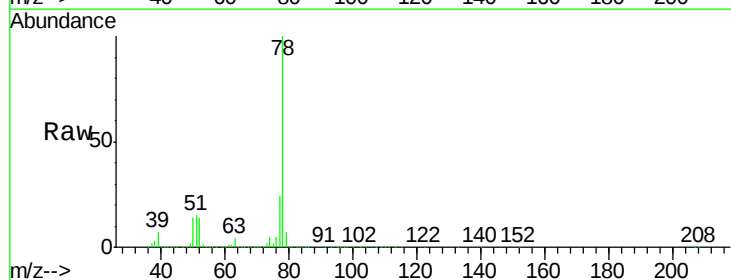
Tgt Ion: 78 Resp: 1297445

Ion Ratio Lower Upper

78 100

77 24.1 19.7 29.5

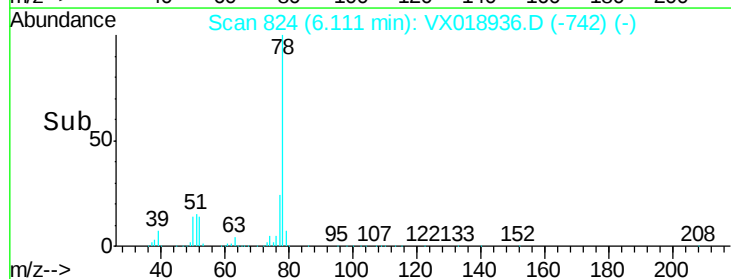
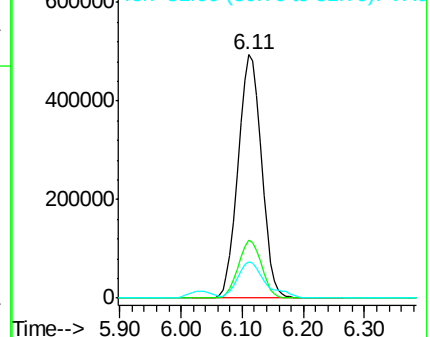
51 15.0 12.0 18.0

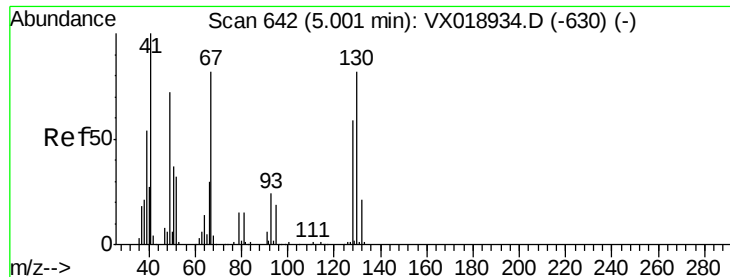


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

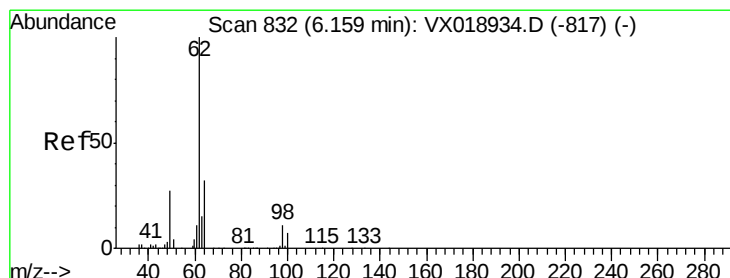
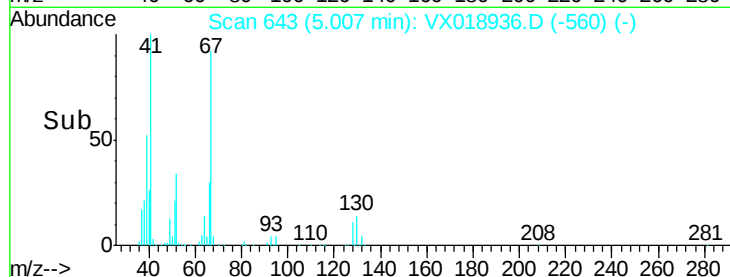
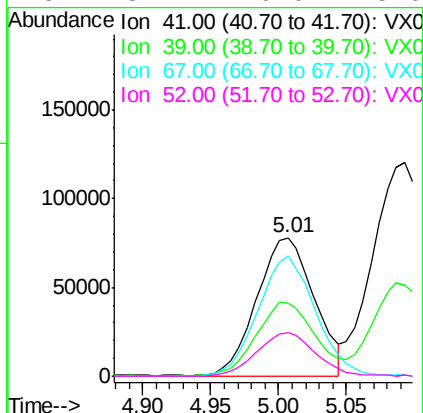
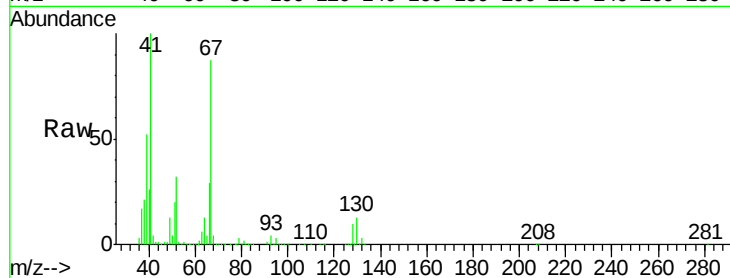




#35
Methacrylonitrile
Concen: 92.662 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

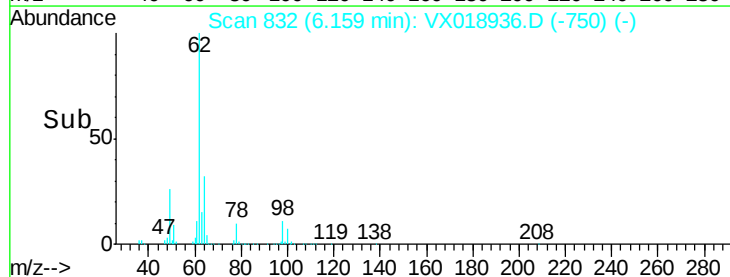
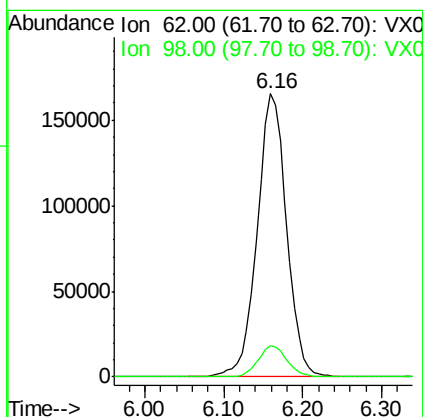
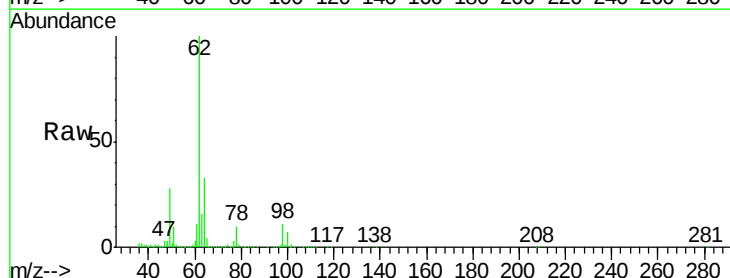
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

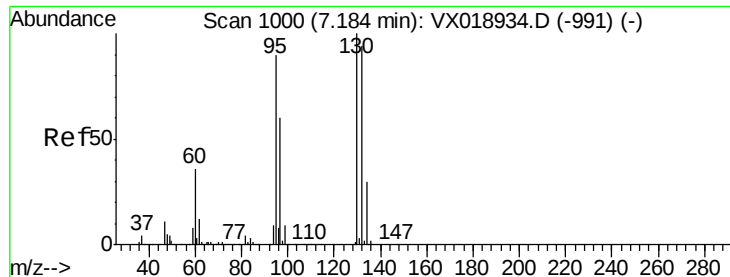
Tgt Ion:	41	Resp:	228060
Ion	Ratio	Lower	Upper
41	100		
39	52.3	27.0	81.0
67	86.9	41.1	123.3
52	31.7	16.0	48.0



#36
1,2-Dichloroethane
Concen: 86.273 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion:	62	Resp:	428451
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.9	13.3





#37

Trichloroethene

Concen: 105.915 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

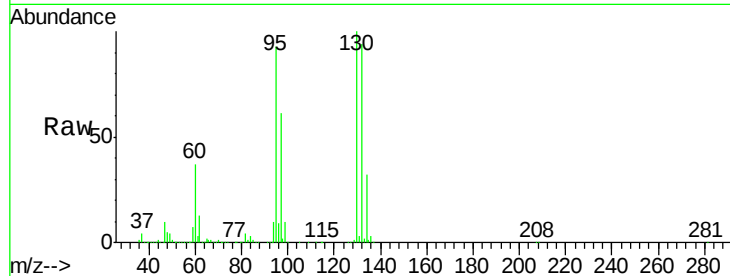
VSTDIC100

Tgt Ion:130 Resp: 383715

Ion Ratio Lower Upper

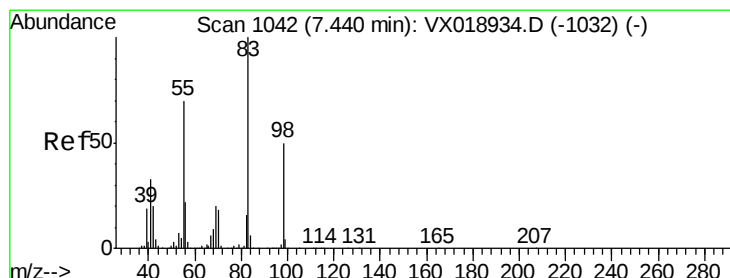
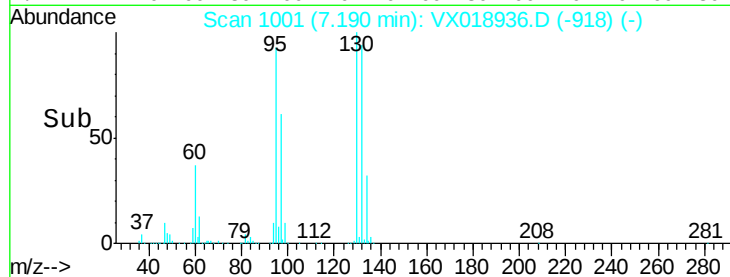
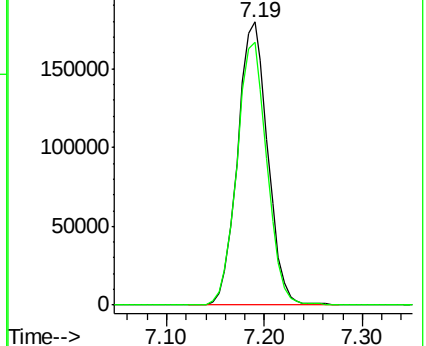
130 100

95 92.7 71.8 107.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 105.239 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

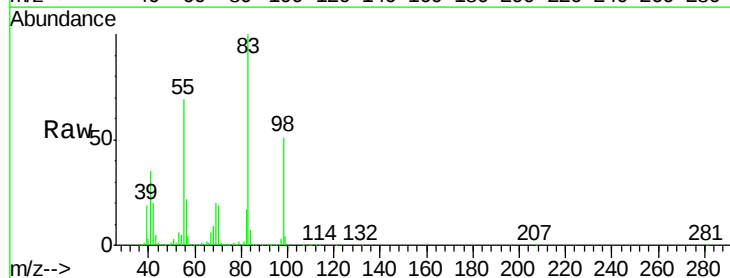
Tgt Ion: 83 Resp: 497377

Ion Ratio Lower Upper

83 100

55 67.9 34.8 104.4

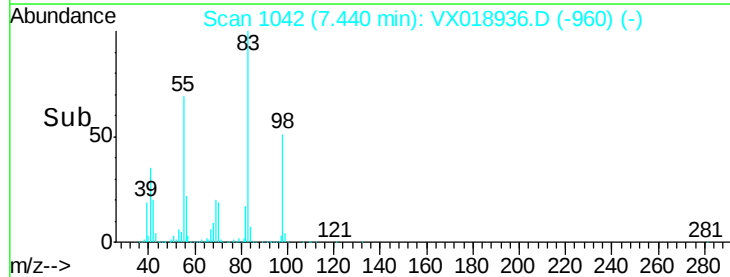
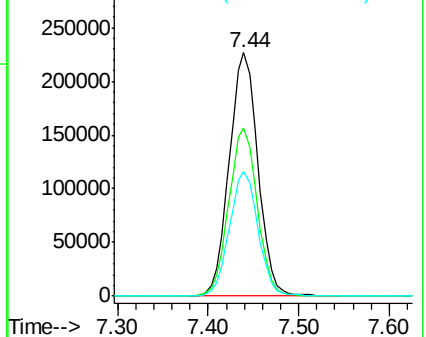
98 50.9 25.8 77.4

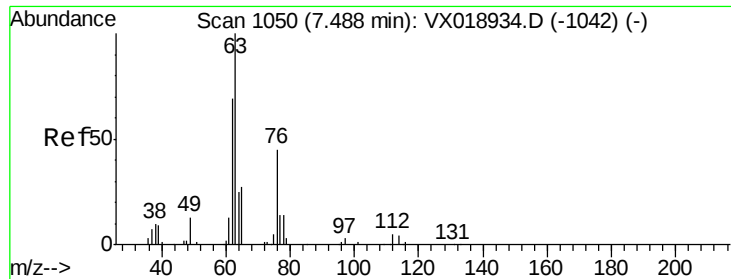


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

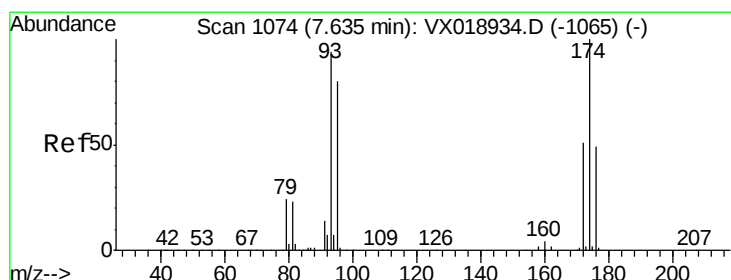
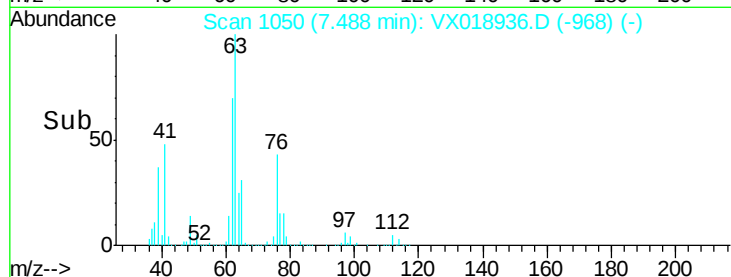
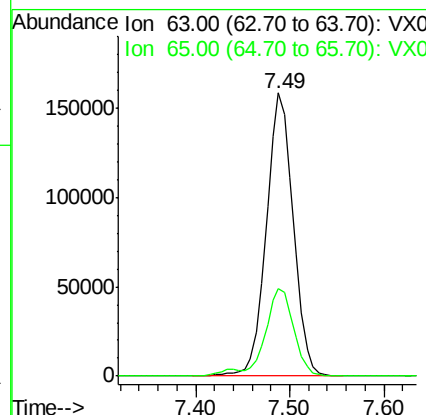
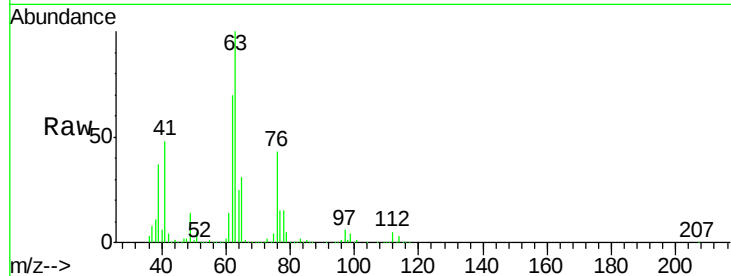




#39
 1,2-Dichloropropane
 Concen: 97.312 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

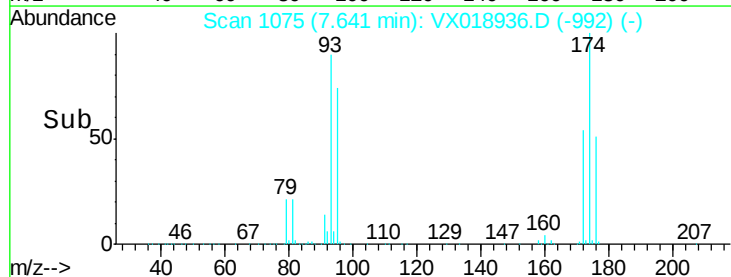
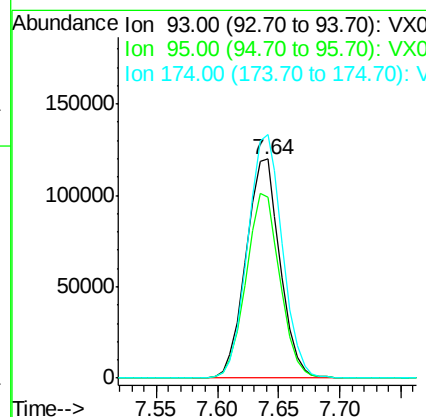
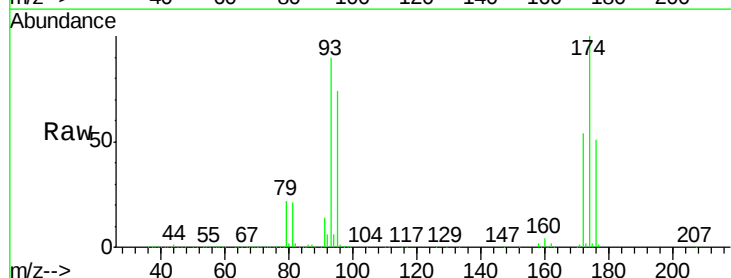
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

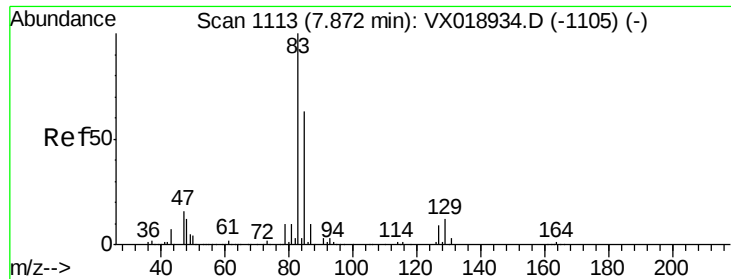
Tgt Ion: 63 Resp: 318173
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.0 34.6



#40
 Dibromomethane
 Concen: 97.941 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 93 Resp: 232376
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 164.0
 174 113.3 0.0 214.6

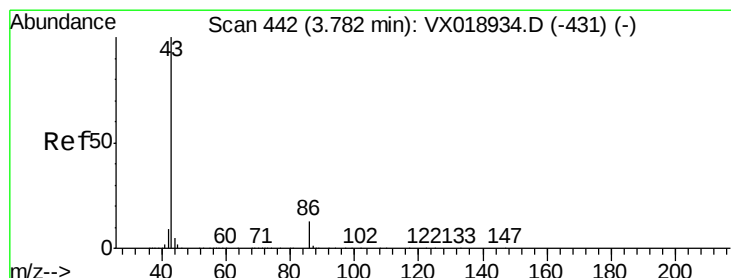
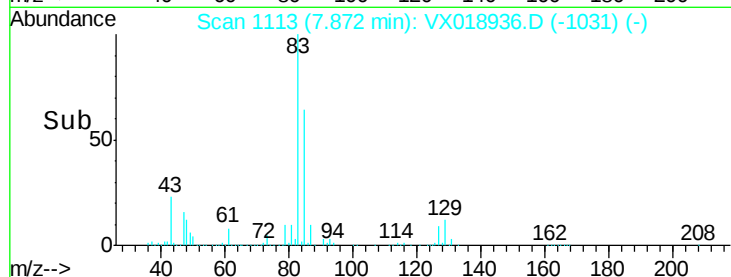
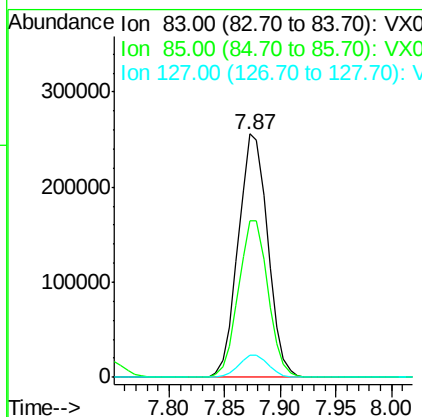
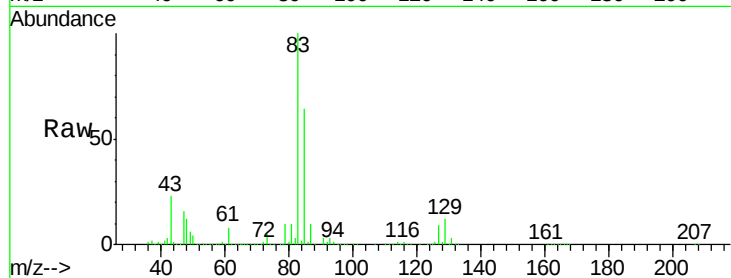




#41
 Bromodichloromethane
 Concen: 96.145 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

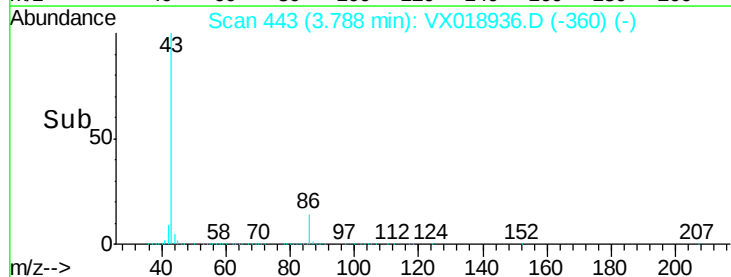
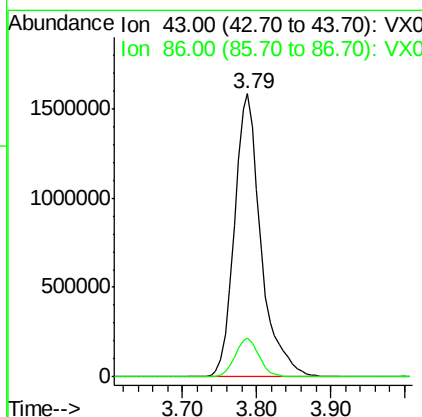
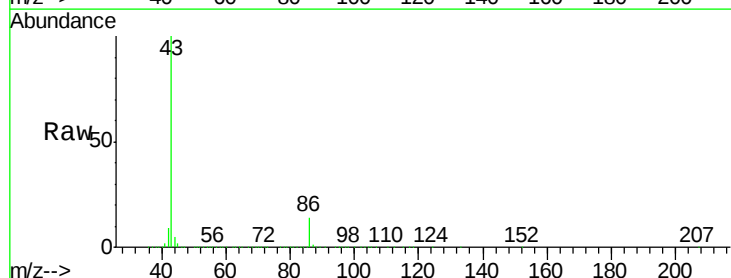
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

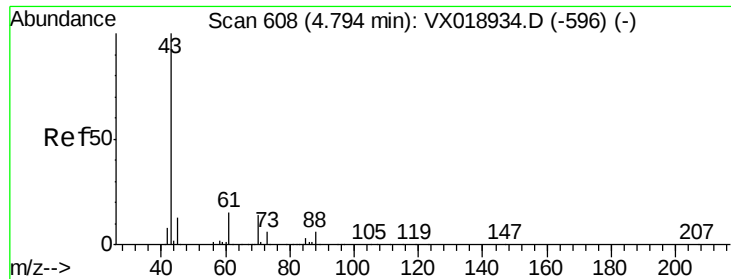
Tgt Ion: 83 Resp: 472540
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.4 75.6
 127 8.9 7.5 11.3



#42
 Vinyl Acetate
 Concen: 456.608 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 43 Resp: 3944261
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

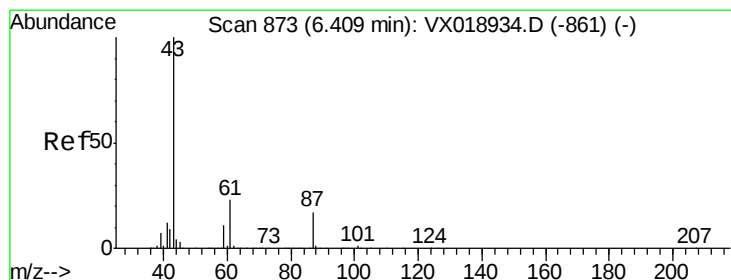
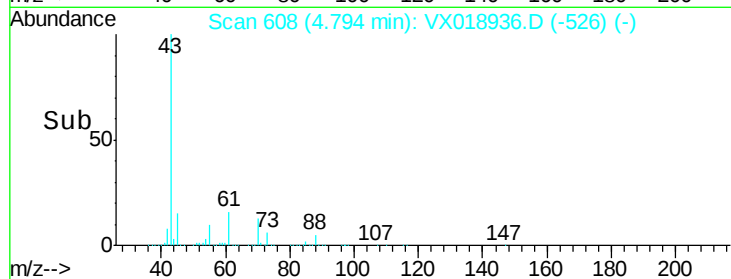
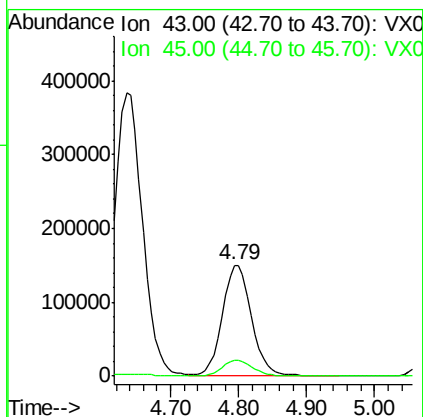
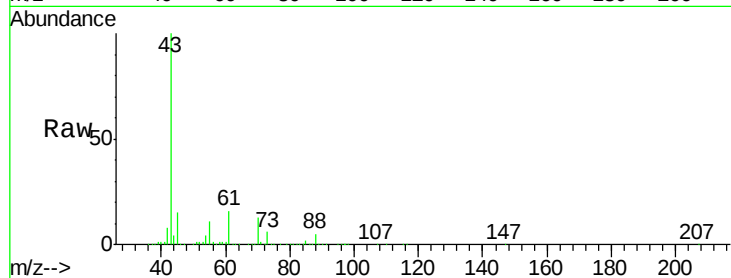




#43
Ethyl Acetate
Concen: 95.780 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

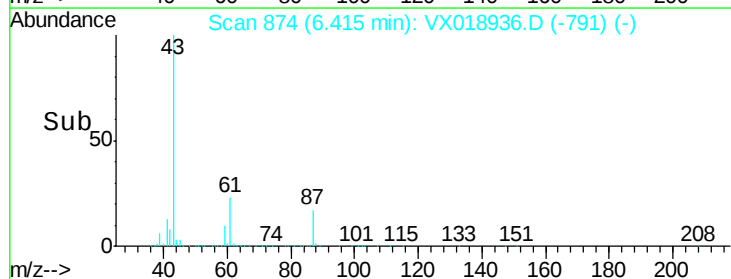
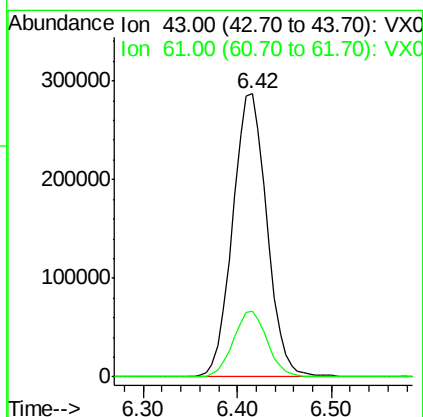
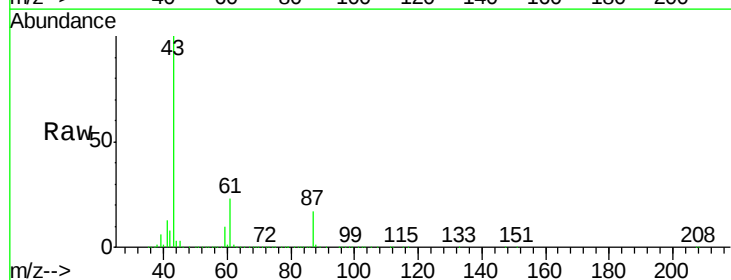
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

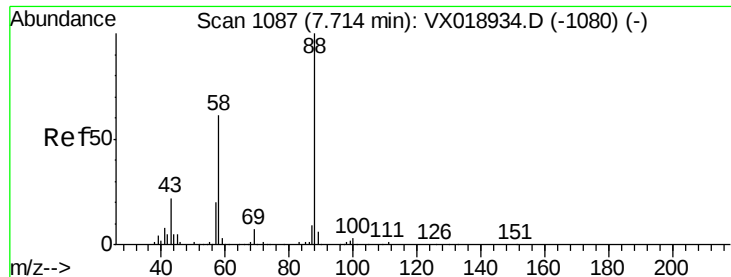
Tgt Ion: 43 Resp: 444495
Ion Ratio Lower Upper
43 100
45 15.0 11.5 17.3



#44
Isopropyl Acetate
Concen: 95.820 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 43 Resp: 724388
Ion Ratio Lower Upper
43 100
61 23.1 0.0 0.0#

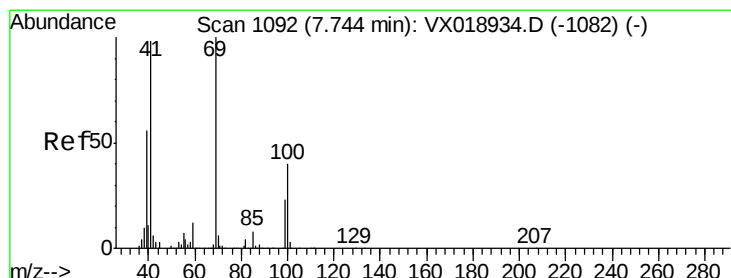
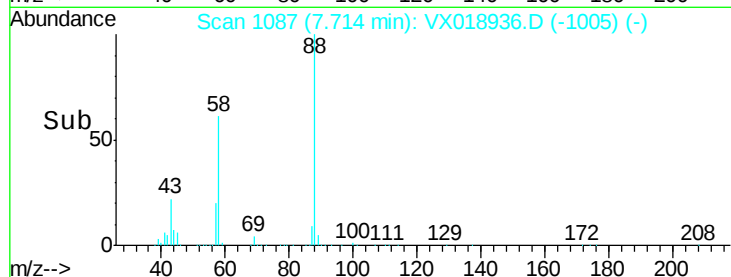
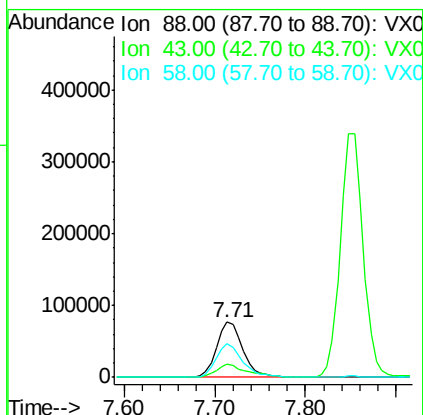
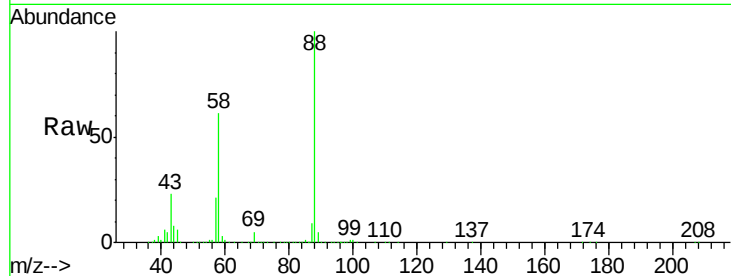




#45
 1,4-Dioxane
 Concen: 2338.057 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

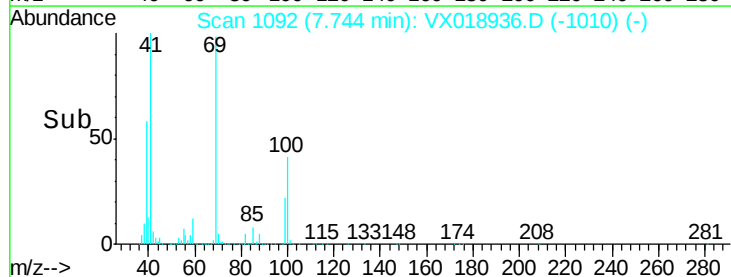
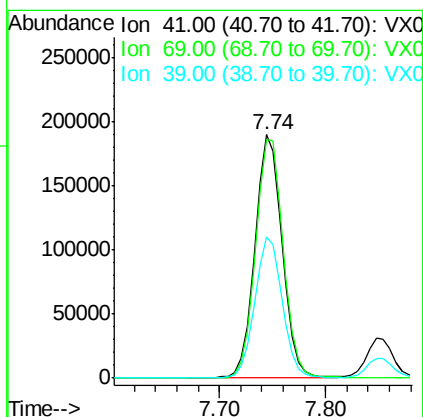
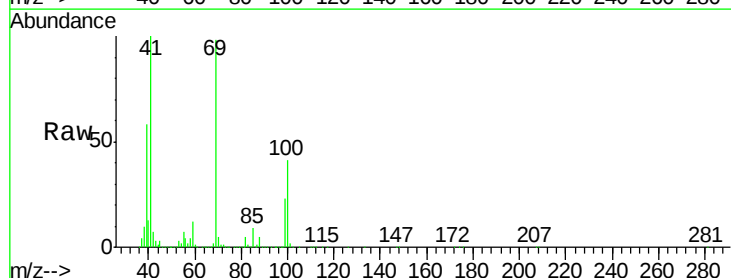
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

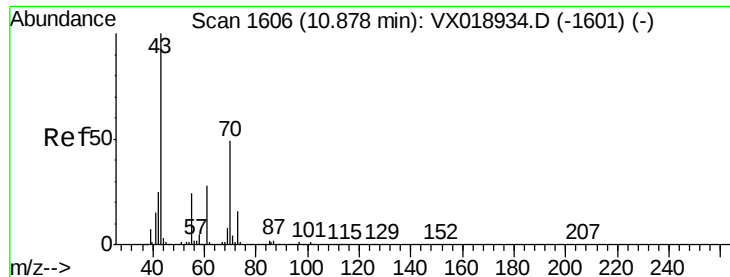
Tgt Ion: 88 Resp: 156239
 Ion Ratio Lower Upper
 88 100
 43 26.5 22.1 33.1
 58 61.3 52.1 78.1



#46
 Methyl methacrylate
 Concen: 91.601 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 41 Resp: 340209
 Ion Ratio Lower Upper
 41 100
 69 97.9 50.8 152.5
 39 57.7 28.5 85.6

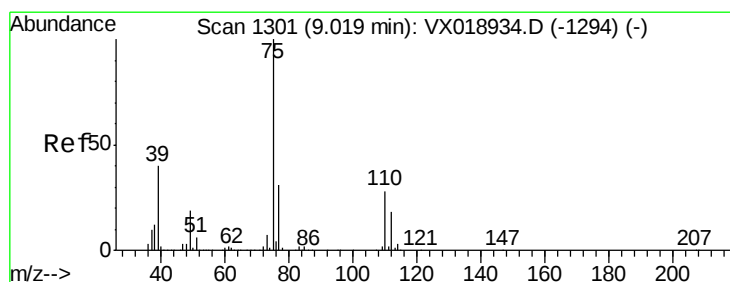
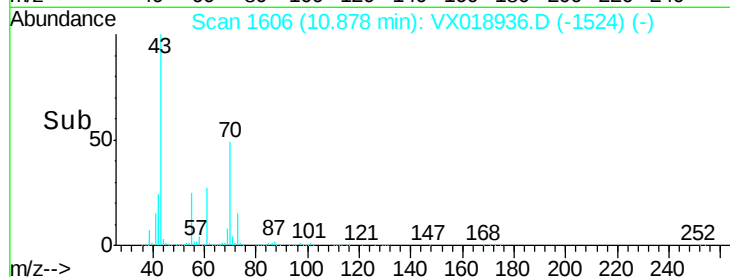
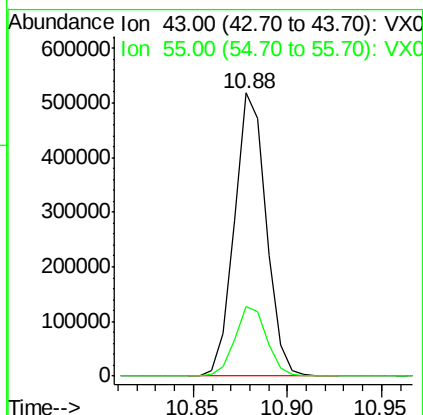
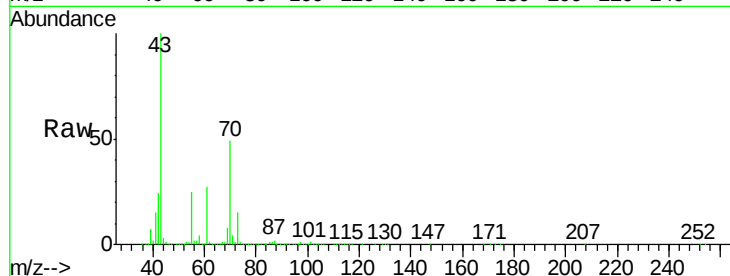




#47
n-amy1 Acetate
Concen: 90.590 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

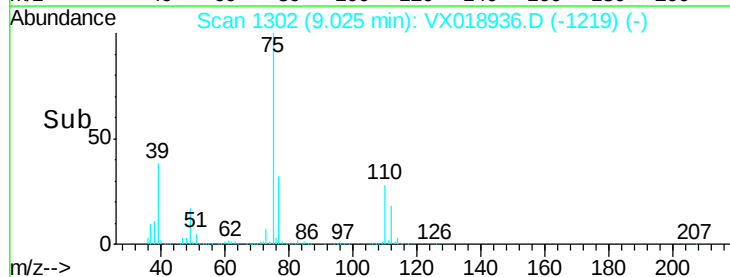
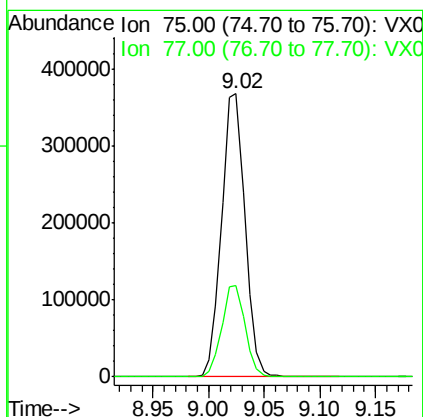
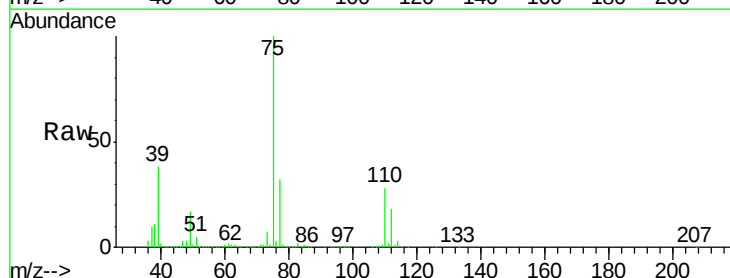
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

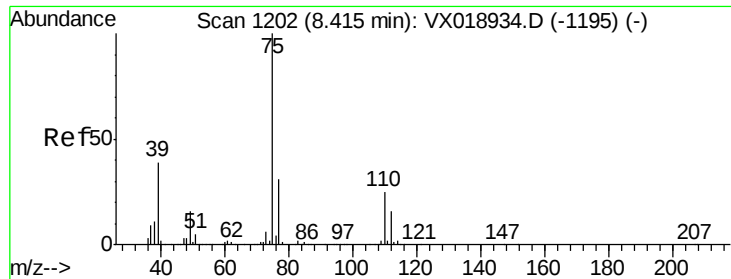
Tgt Ion: 43 Resp: 604849
Ion Ratio Lower Upper
43 100
55 24.7 19.9 29.9



#48
t-1,3-Dichloropropene
Concen: 100.288 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 75 Resp: 537778
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8

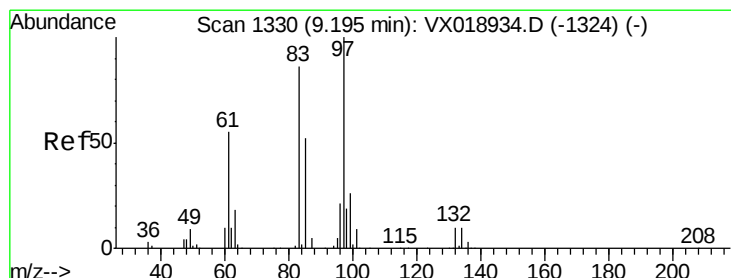
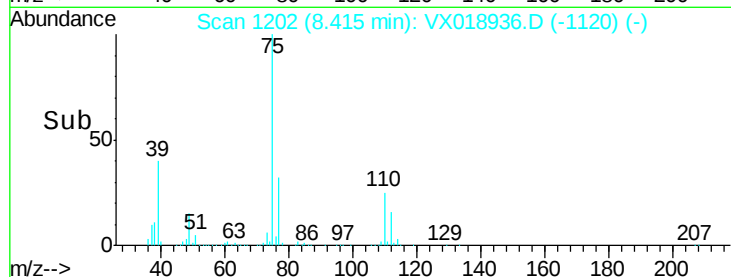
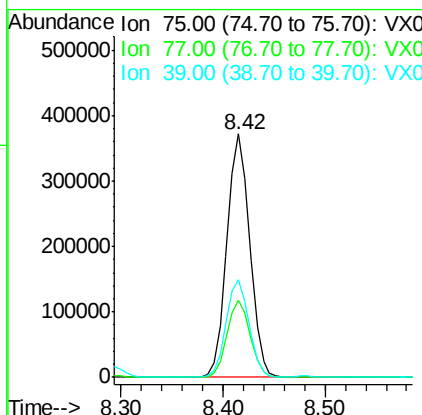
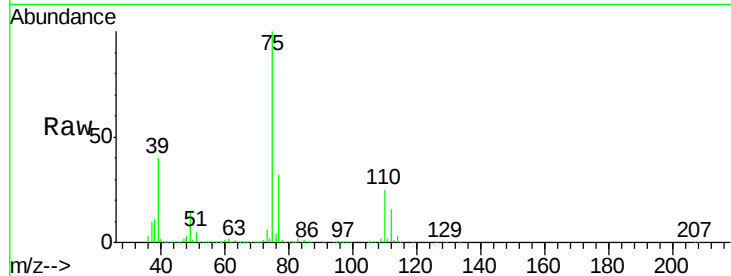




#49
 cis-1,3-Dichloropropene
 Concen: 102.214 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

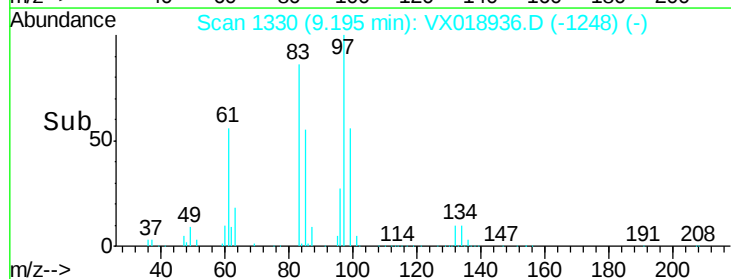
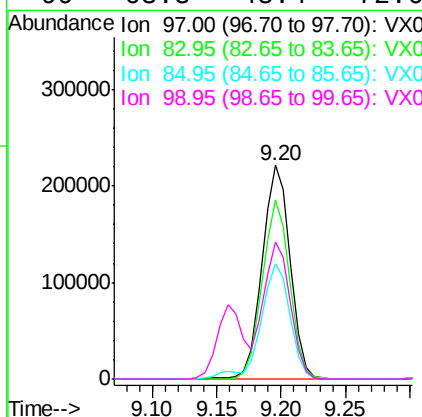
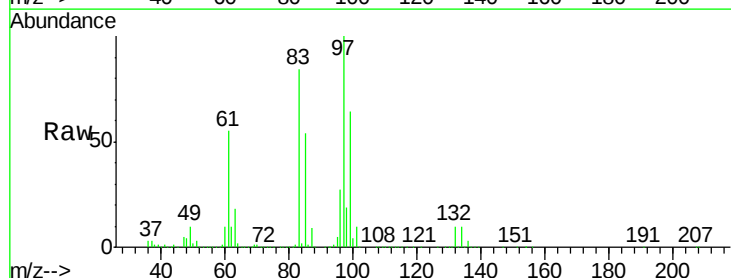
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

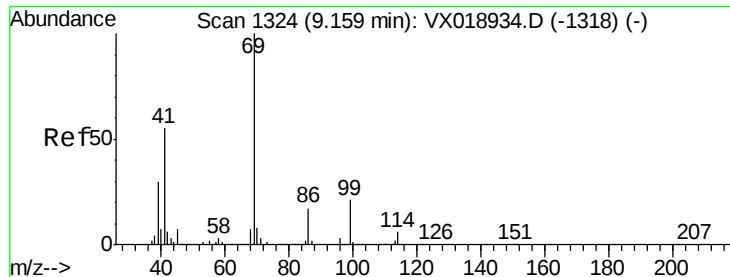
Tgt Ion: 75 Resp: 575087
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 39.8 31.5 47.3



#50
 1,1,2-Trichloroethane
 Concen: 99.181 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 97 Resp: 331599
 Ion Ratio Lower Upper
 97 100
 83 83.9 68.0 102.0
 85 53.7 43.8 65.8
 99 63.8 48.4 72.6





#51

Ethyl methacrylate

Concen: 105.642 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

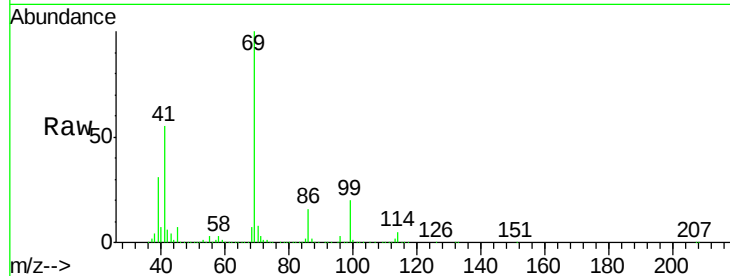
Tgt Ion: 69 Resp: 522711

Ion Ratio Lower Upper

69 100

41 55.2 27.6 82.8

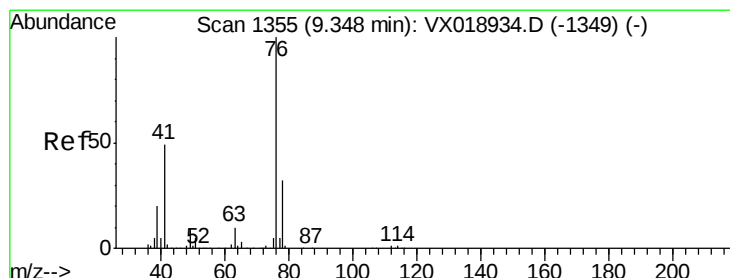
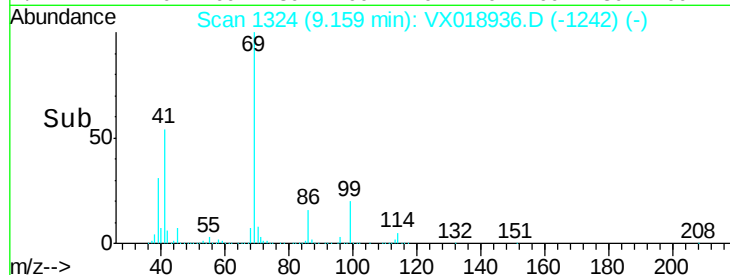
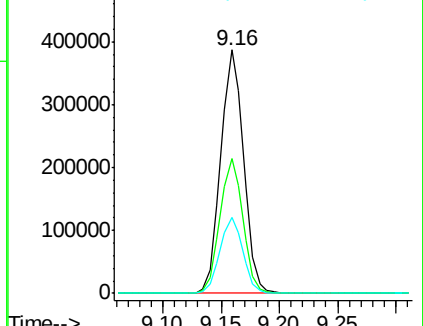
39 31.3 15.0 45.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 97.934 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX018936.D

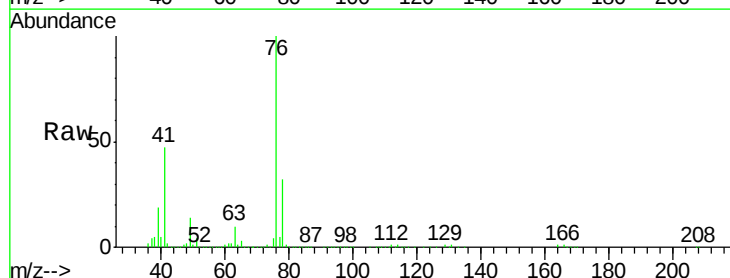
Acq: 15 Oct 2020 14:48

Tgt Ion: 76 Resp: 542948

Ion Ratio Lower Upper

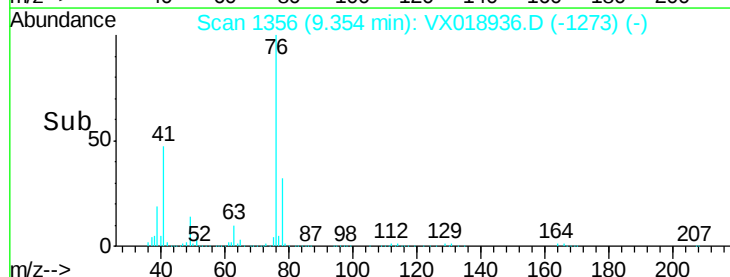
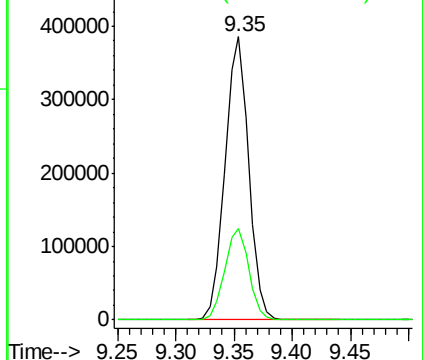
76 100

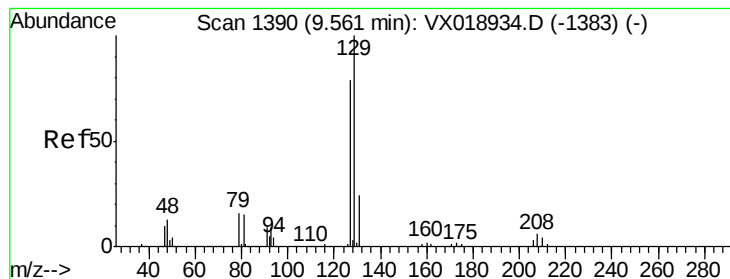
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 95.172 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

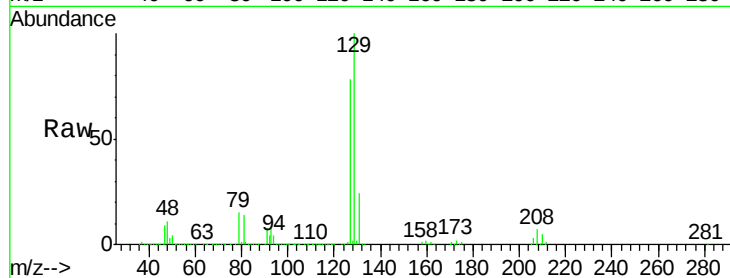
VSTDIC100

Tgt Ion:129 Resp: 395924

Ion Ratio Lower Upper

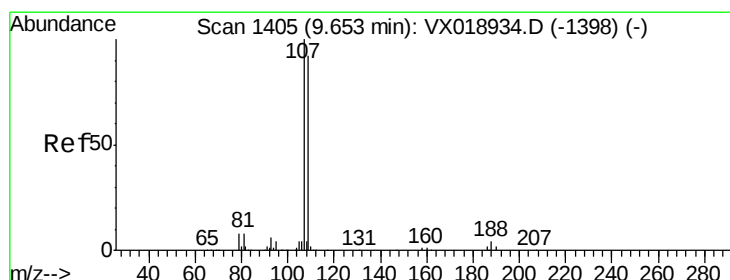
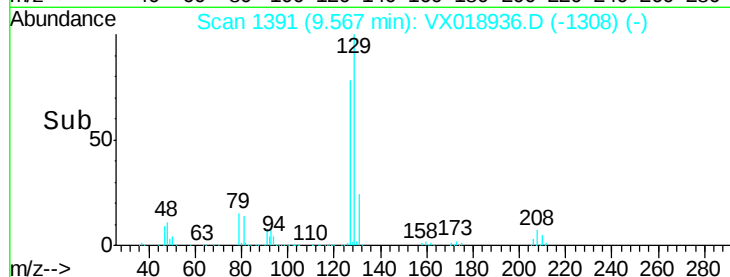
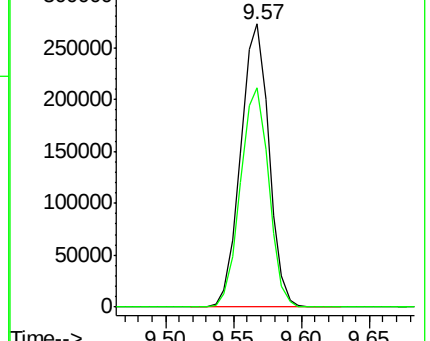
129 100

127 77.7 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 98.262 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018936.D

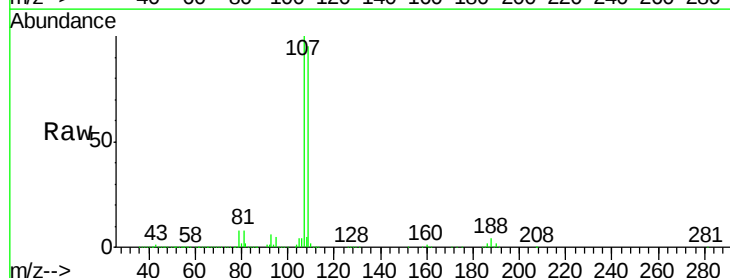
Acq: 15 Oct 2020 14:48

Tgt Ion:107 Resp: 361920

Ion Ratio Lower Upper

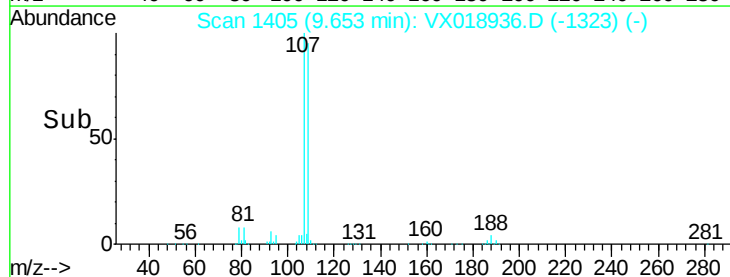
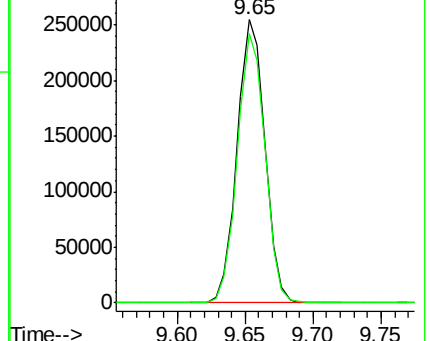
107 100

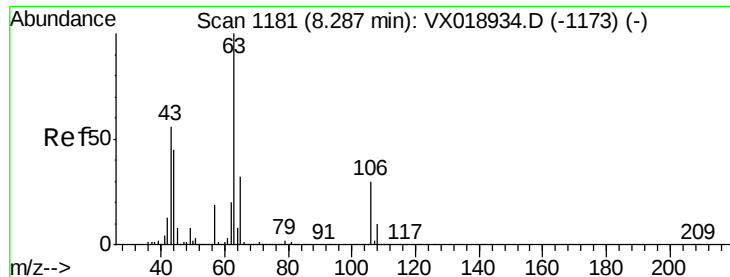
109 94.6 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

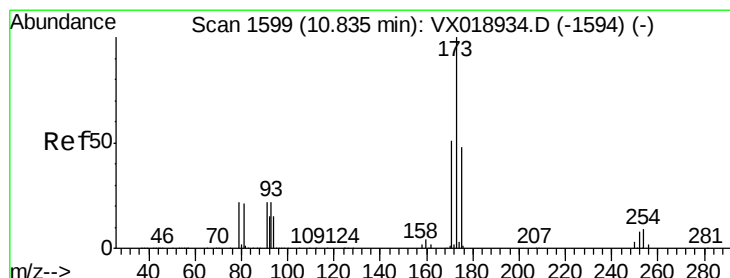
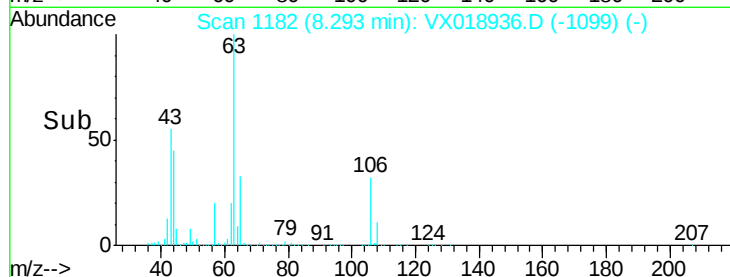
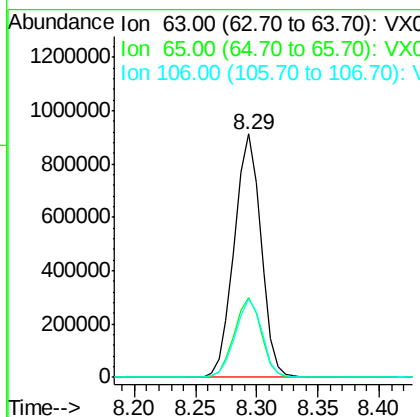
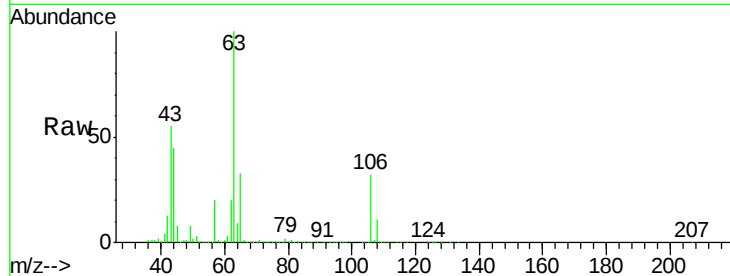




#55
 2-Chloroethyl vinyl ether
 Concen: 536.331 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

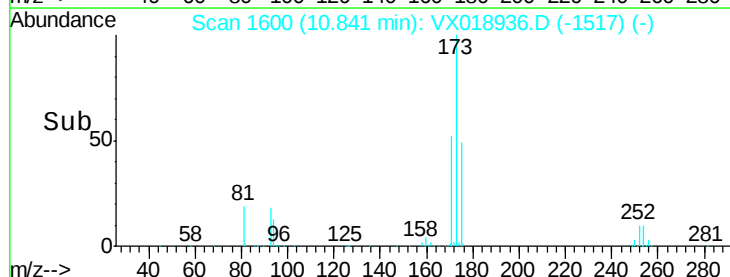
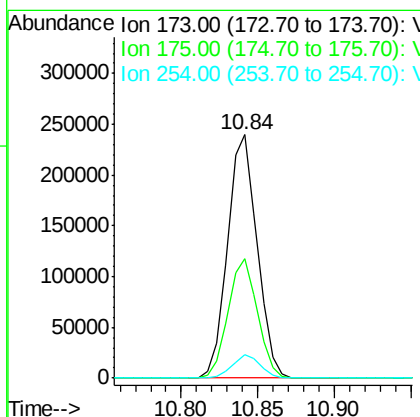
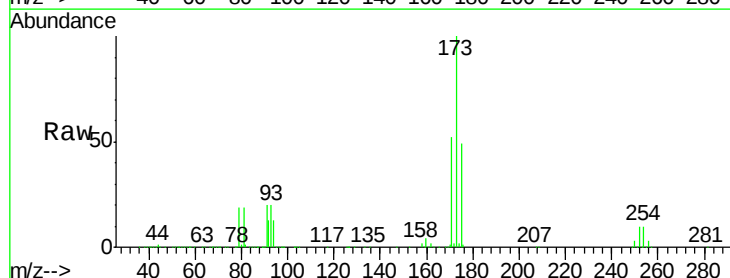
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

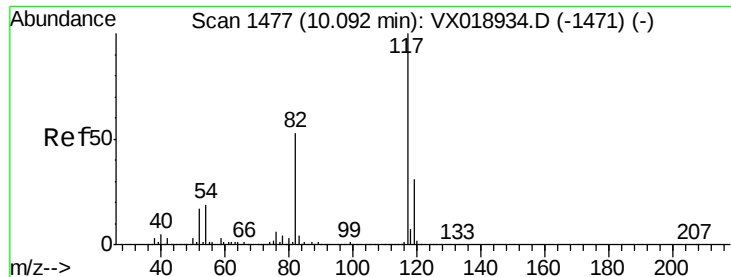
Tgt Ion: 63 Resp: 1380960
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.8 38.6
 106 32.3 25.3 37.9



#56
 Bromoform
 Concen: 101.114 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion: 173 Resp: 320249
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.2 58.8
 254 9.1 7.5 11.3

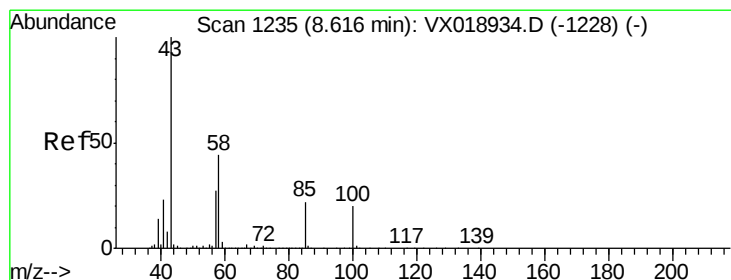
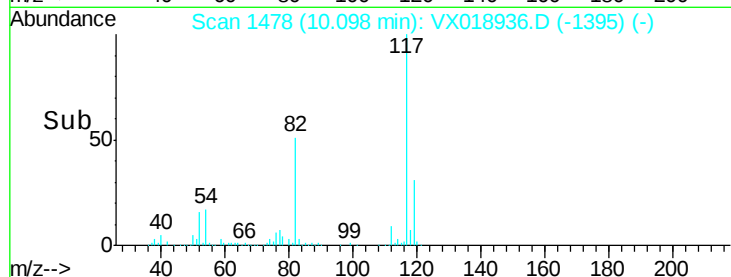
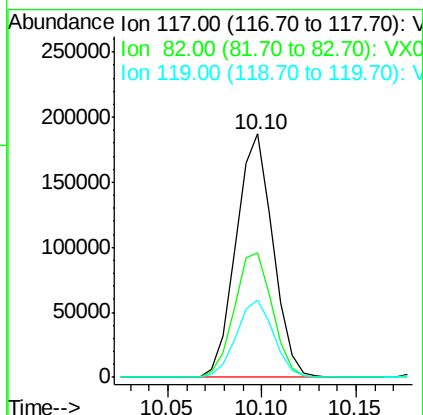
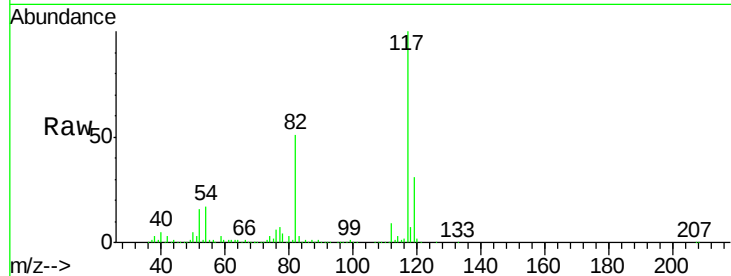




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

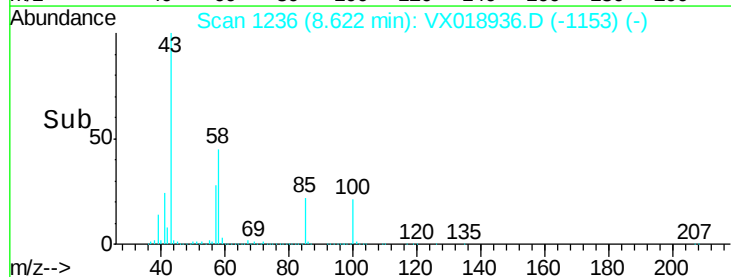
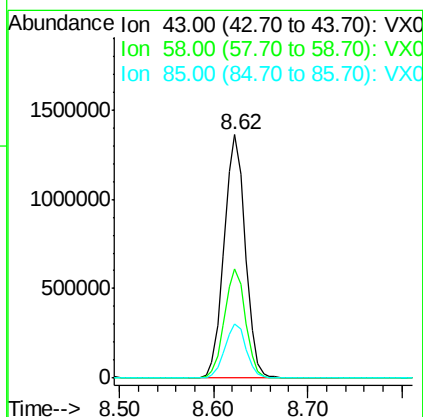
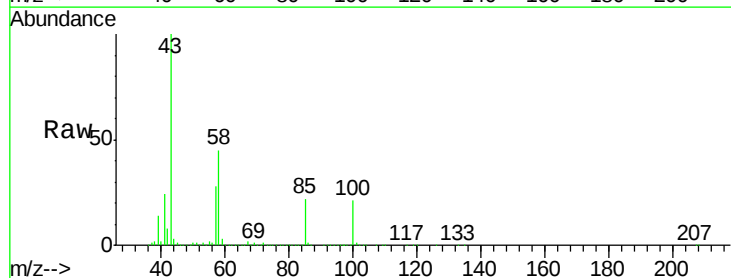
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

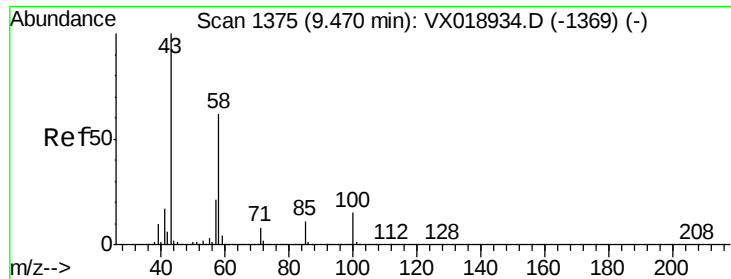
Tgt Ion: 117 Resp: 253403
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 500.813 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 43 Resp: 2126174
Ion Ratio Lower Upper
43 100
58 44.7 35.4 53.2
85 22.4 18.0 27.0

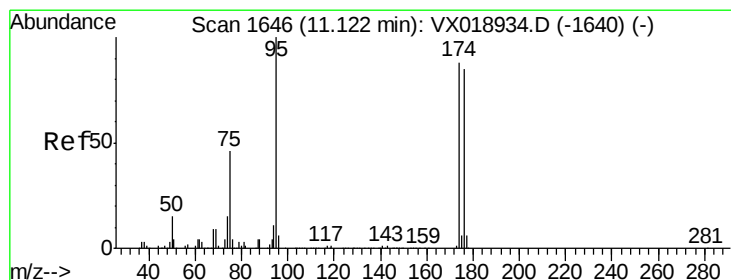
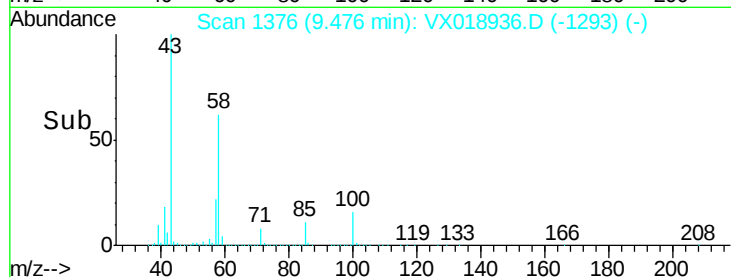
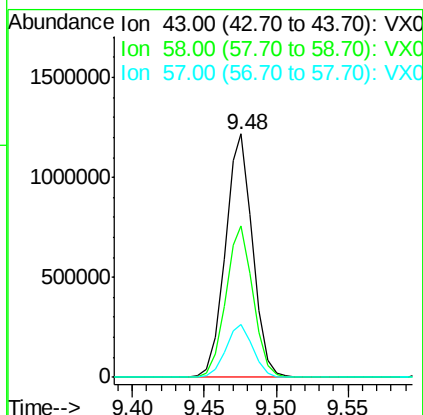
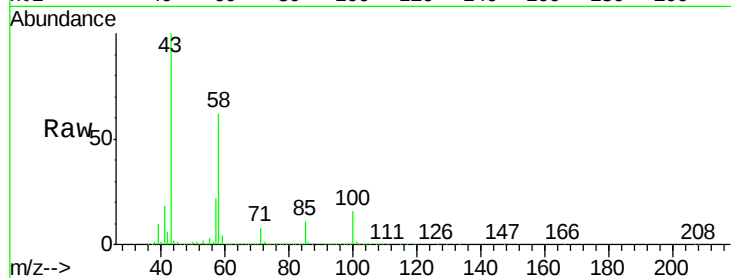




#59
2-Hexanone
Concen: 498.029 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

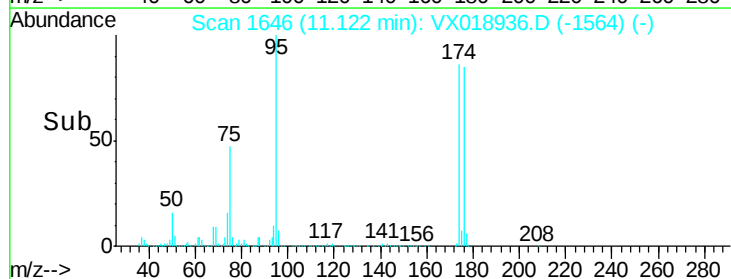
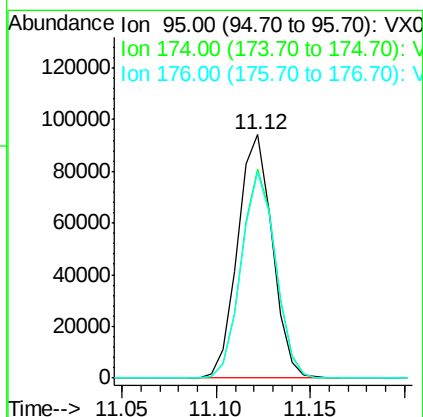
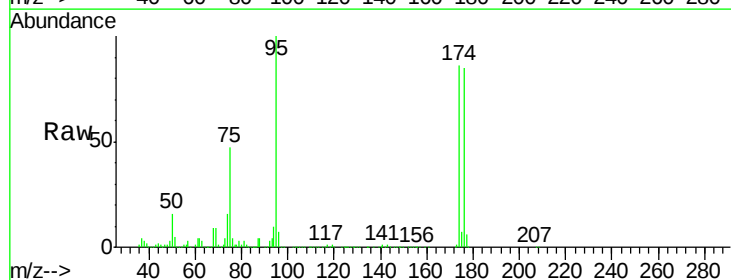
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

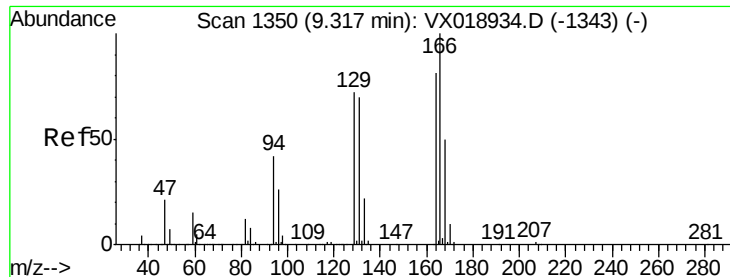
Tgt Ion: 43 Resp: 1613027
Ion Ratio Lower Upper
43 100
58 62.2 49.7 74.5
57 21.5 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 27.861 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 95 Resp: 119904
Ion Ratio Lower Upper
95 100
174 85.4 67.0 100.4
176 84.0 64.5 96.7





#61

Tetrachloroethene

Concen: 105.412 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 328748

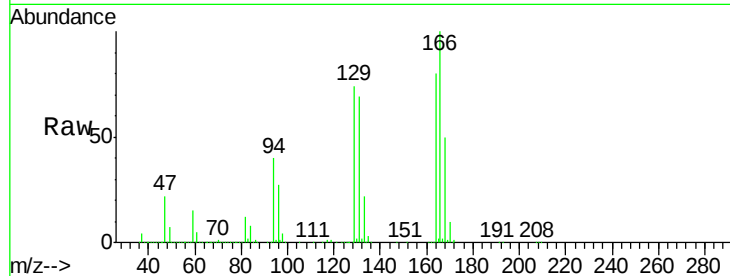
Ion Ratio Lower Upper

164 100

166 125.2 99.4 149.0

129 92.8 71.8 107.6

131 86.9 69.8 104.6

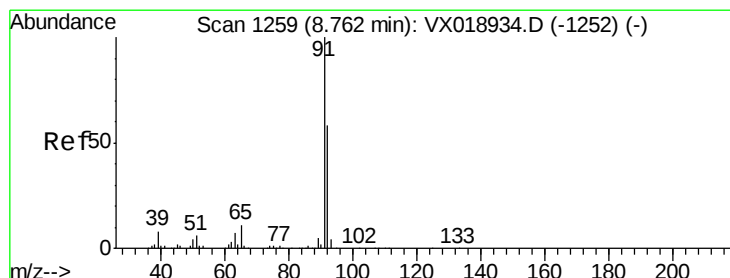
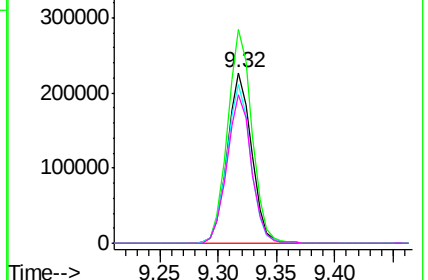
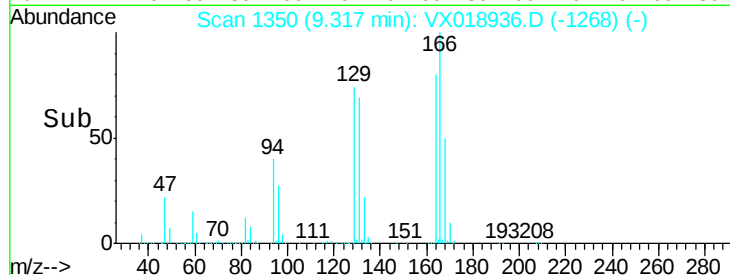


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 111.178 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018936.D

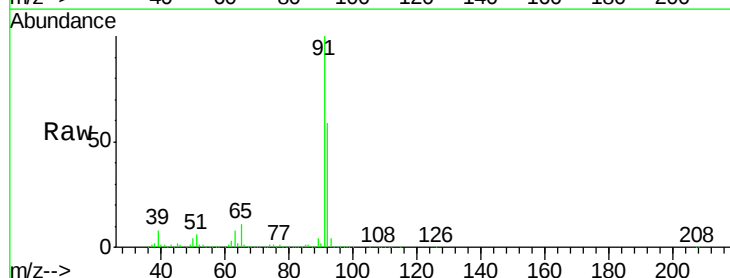
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1421208

Ion Ratio Lower Upper

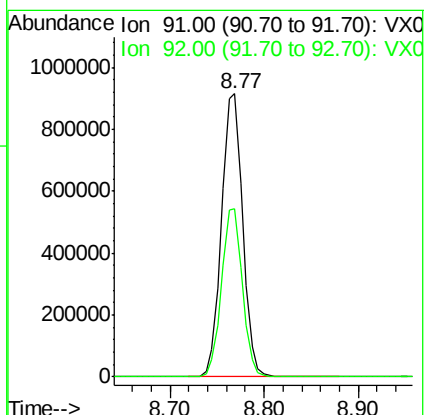
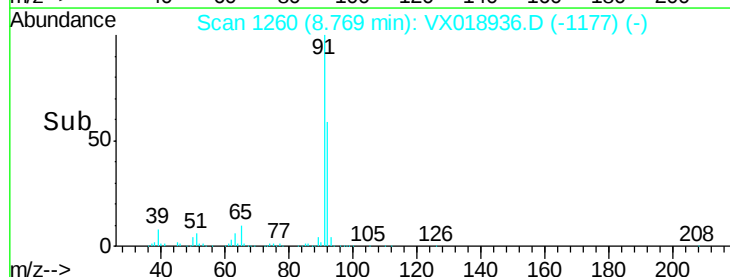
91 100

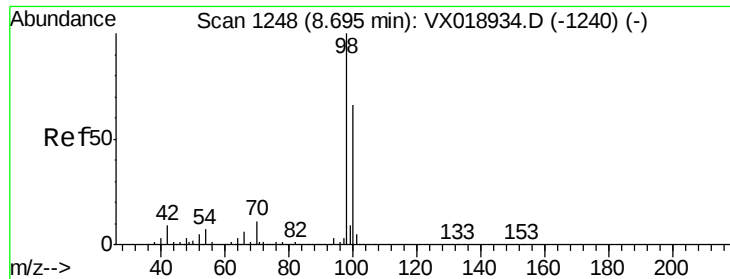
92 58.7 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.123 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

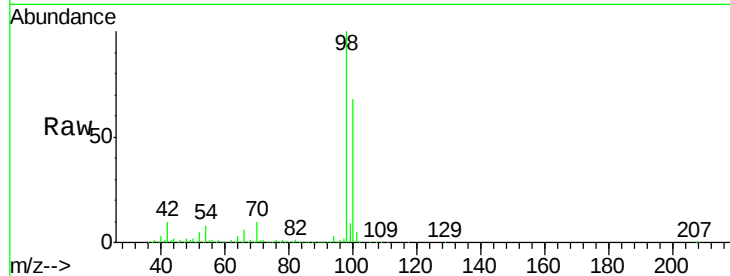
VSTDIC100

Tgt Ion: 98 Resp: 332477

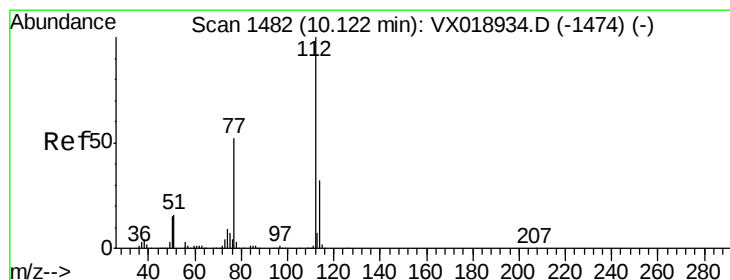
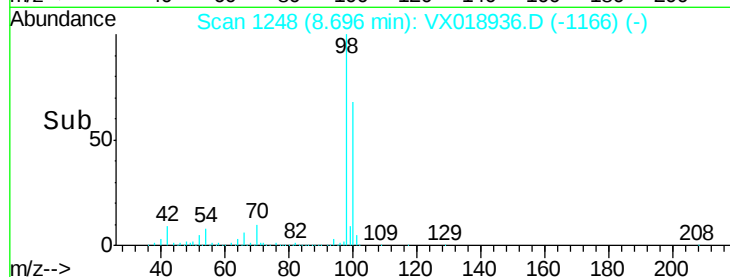
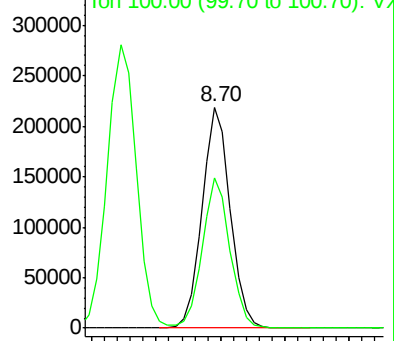
Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX018934.D (-1240) (-)



#64

Chlorobenzene

Concen: 108.894 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018936.D

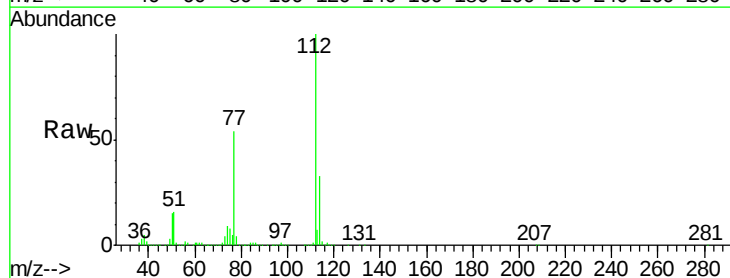
Acq: 15 Oct 2020 14:48

Tgt Ion: 112 Resp: 896244

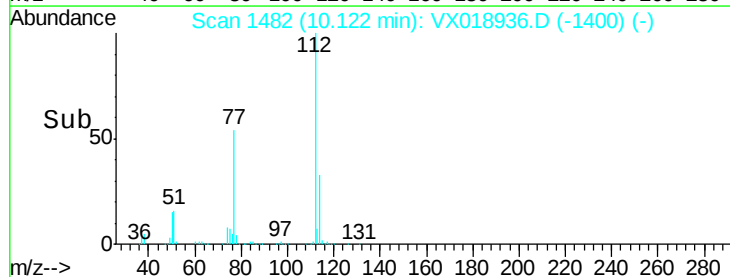
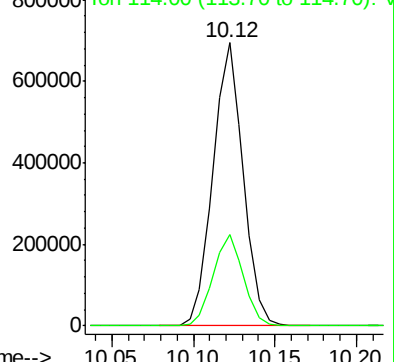
Ion Ratio Lower Upper

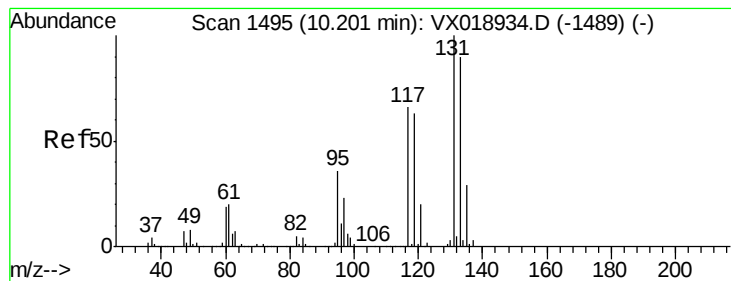
112 100

114 32.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VX018934.D (-1474) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 106.049 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

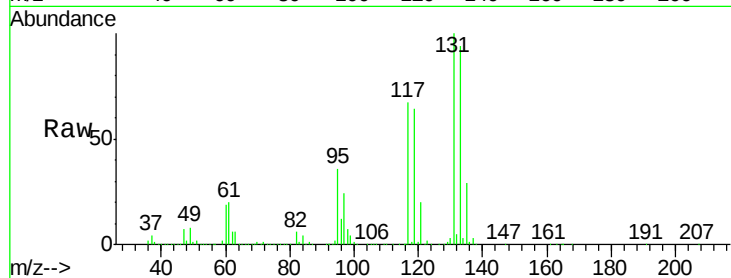
Tgt Ion: 131 Resp: 351360

Ion Ratio Lower Upper

131 100

133 95.4 0.0 188.8

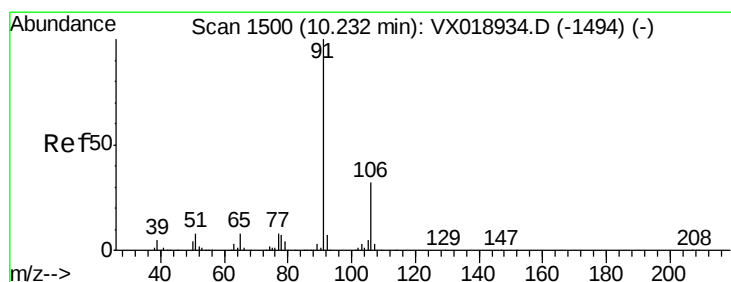
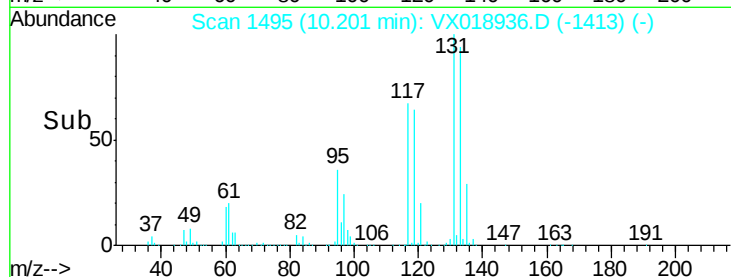
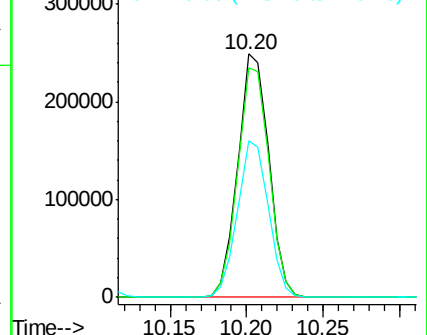
119 64.0 0.0 127.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 110.268 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018936.D

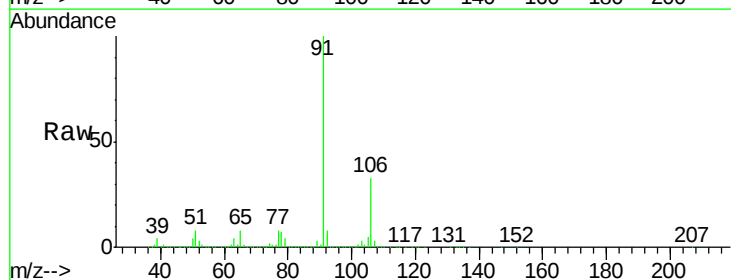
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1571705

Ion Ratio Lower Upper

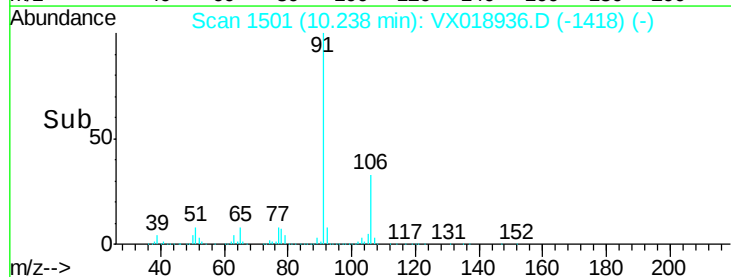
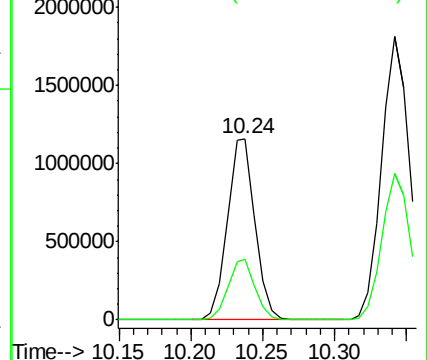
91 100

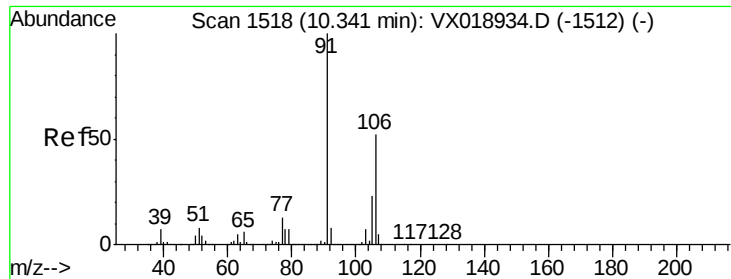
106 33.1 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

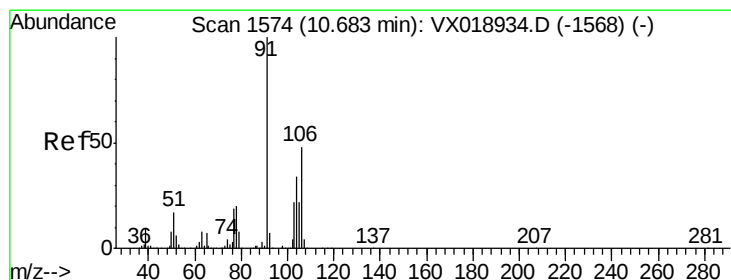
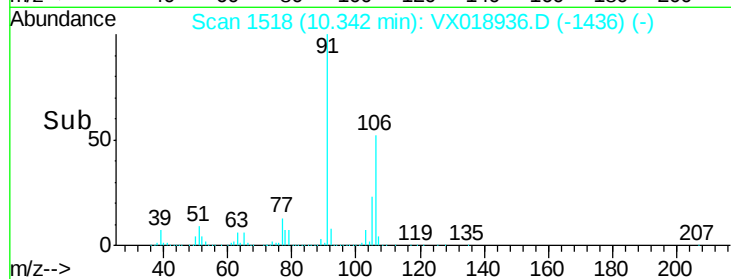
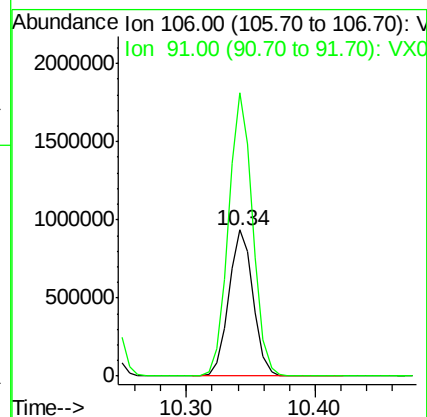
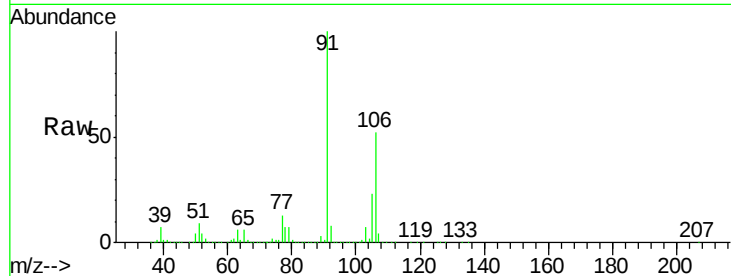




#67
m/p-Xylenes
Concen: 227.983 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

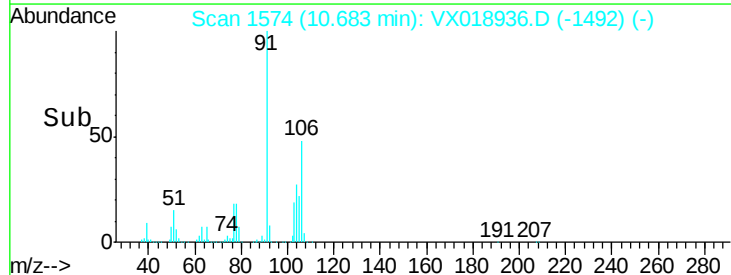
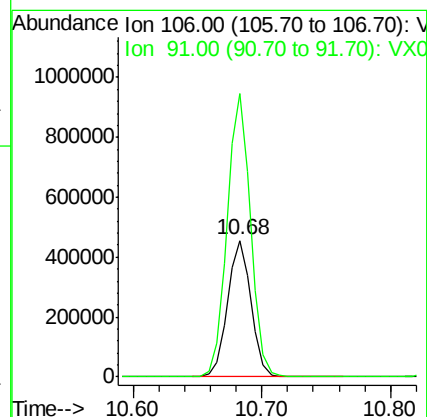
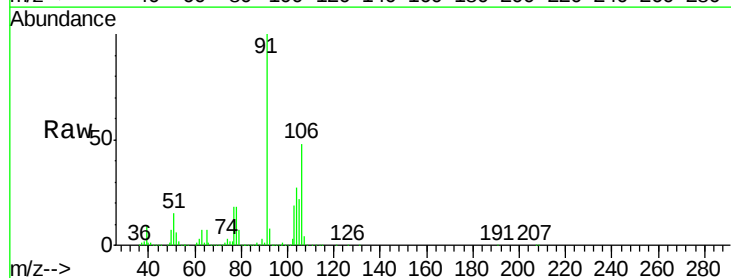
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

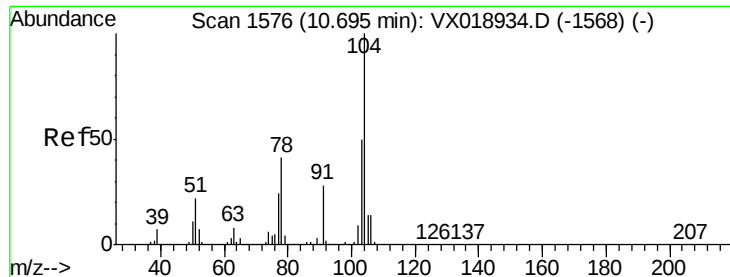
Tgt Ion:106 Resp: 1243715
Ion Ratio Lower Upper
106 100
91 192.8 155.7 233.5



#68
o-Xylene
Concen: 112.530 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion:106 Resp: 583806
Ion Ratio Lower Upper
106 100
91 207.0 103.3 309.9

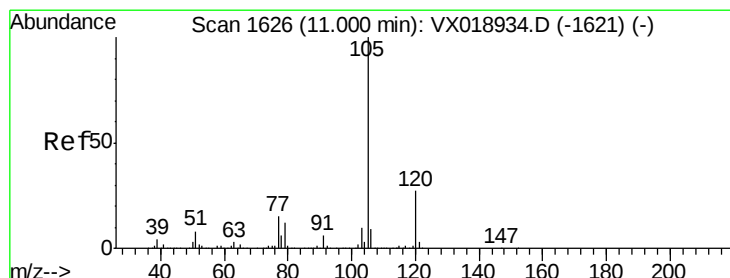
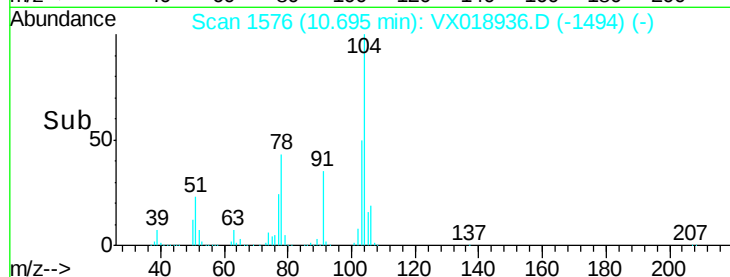
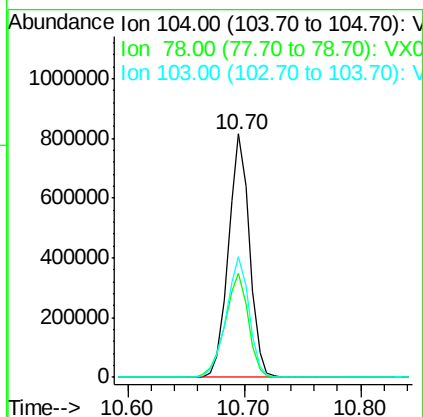
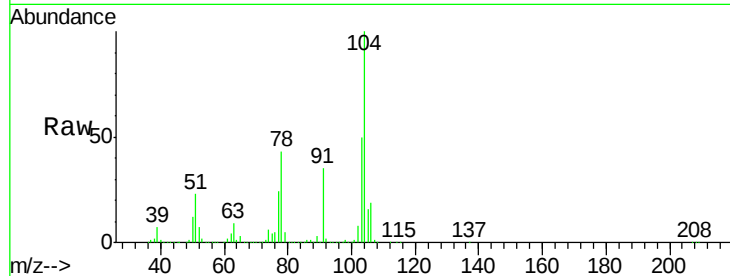




#69
Styrene
Concen: 113.638 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

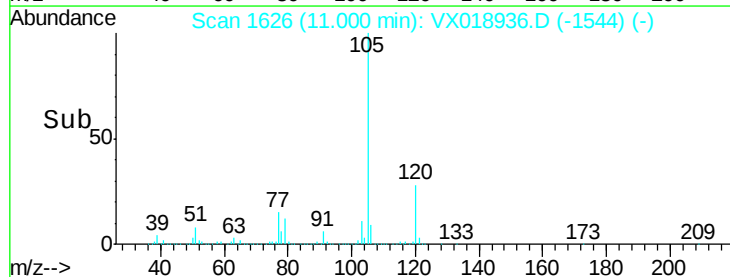
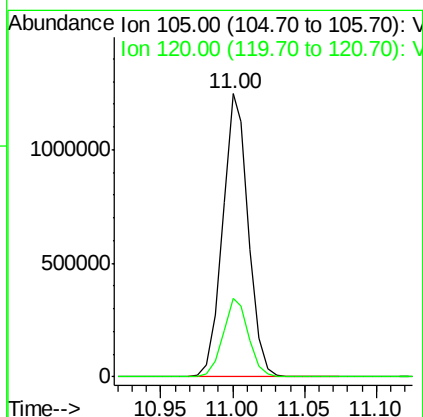
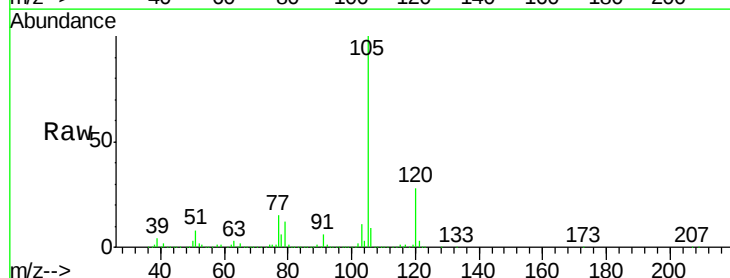
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

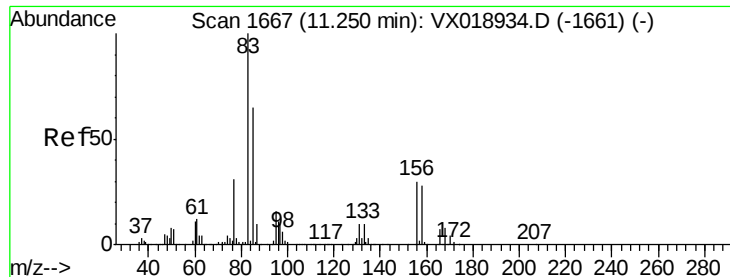
Tgt Ion:104 Resp: 1021027
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 53.8 44.1 66.1



#70
Isopropylbenzene
Concen: 108.888 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion:105 Resp: 1553901
Ion Ratio Lower Upper
105 100
120 27.7 19.4 36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 108.041 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

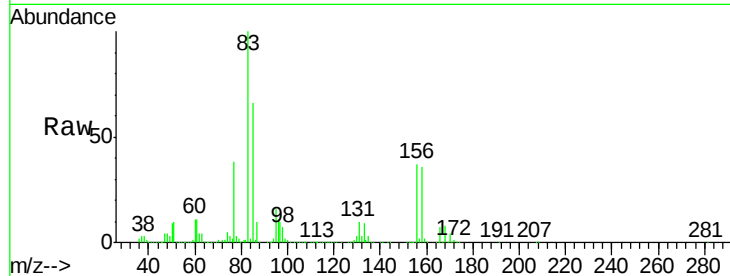
Tgt Ion: 83 Resp: 494466

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

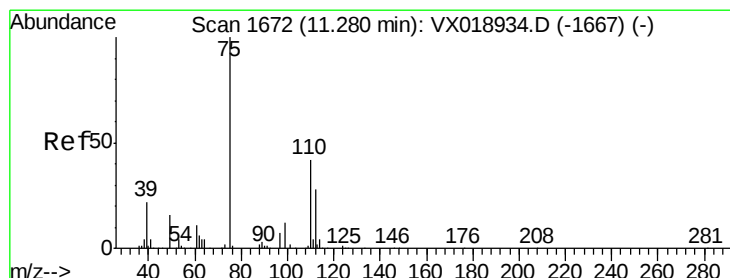
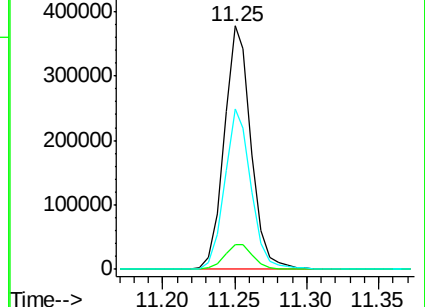
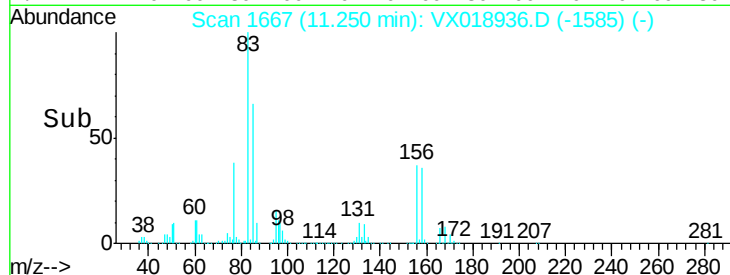
85 64.9 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 139.080 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018936.D

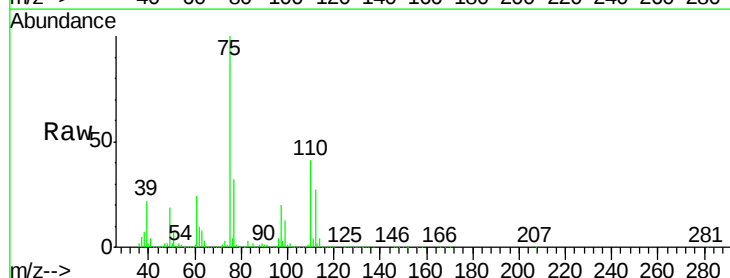
Acq: 15 Oct 2020 14:48

Tgt Ion: 75 Resp: 610056

Ion Ratio Lower Upper

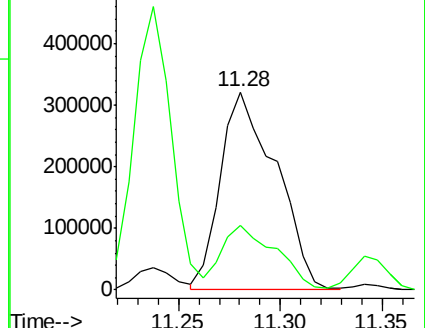
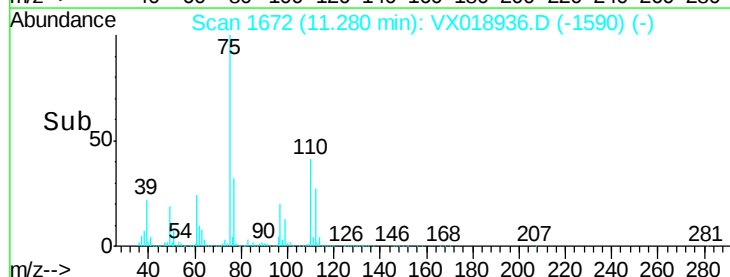
75 100

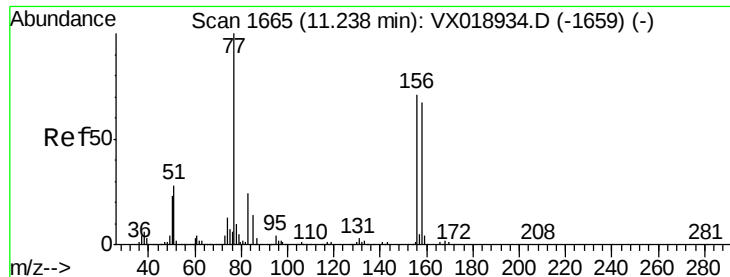
77 30.0 0.0 75.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 106.983 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

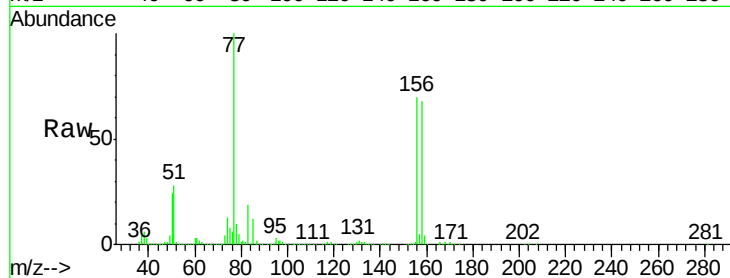
Tgt Ion:156 Resp: 412696

Ion Ratio Lower Upper

156 100

77 142.4 0.0 288.2

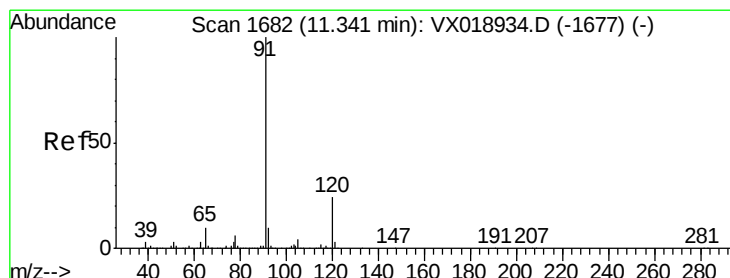
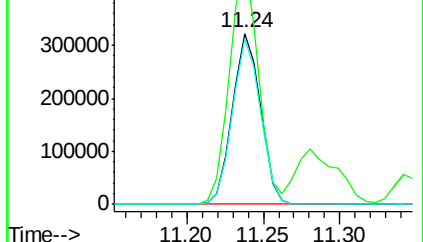
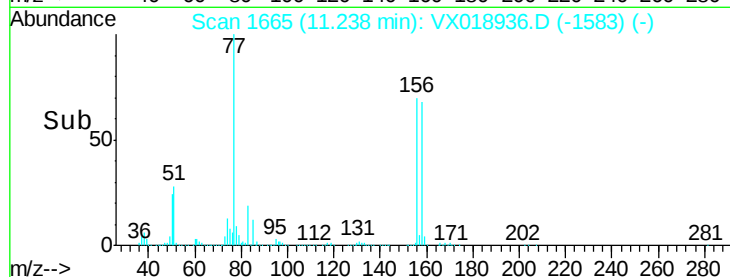
158 96.3 0.0 189.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 104.979 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018936.D

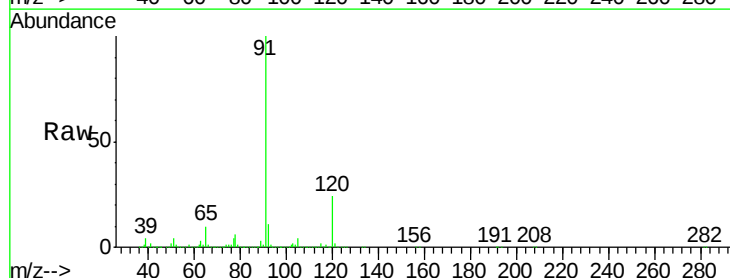
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1753986

Ion Ratio Lower Upper

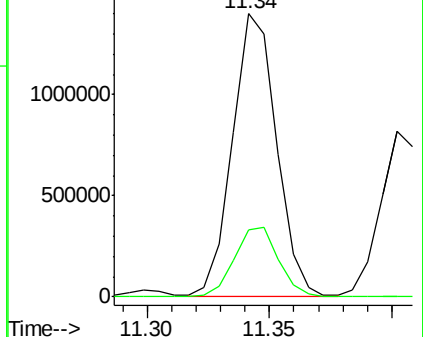
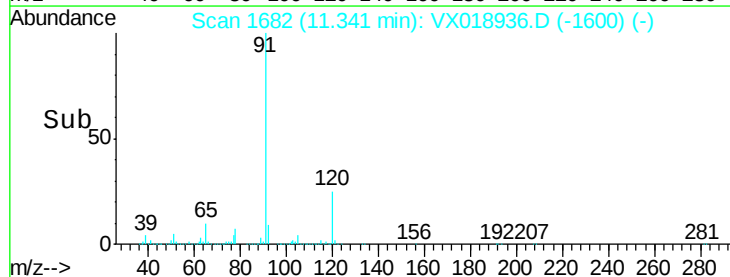
91 100

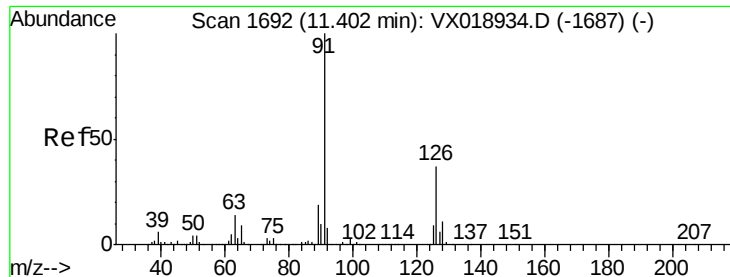
120 24.6 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 102.887 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

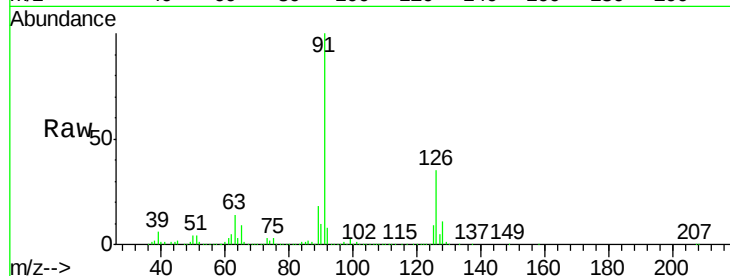
VSTDIC100

Tgt Ion: 91 Resp: 1031113

Ion Ratio Lower Upper

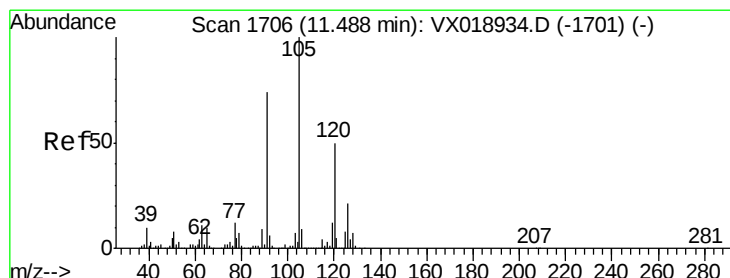
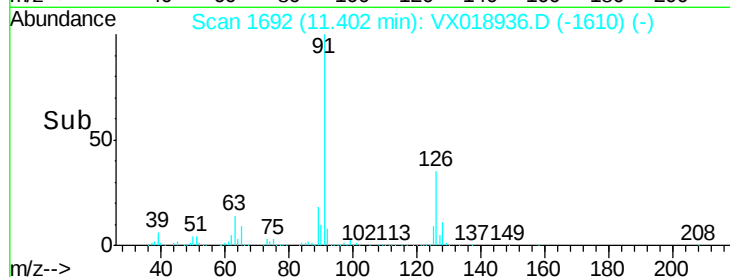
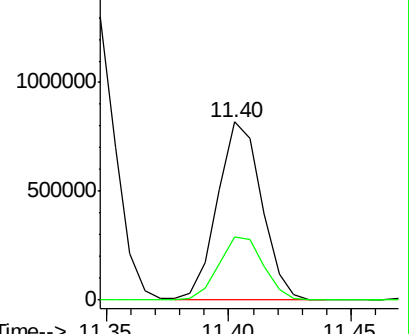
91 100

126 36.0 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX018936.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018936.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 107.824 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018936.D

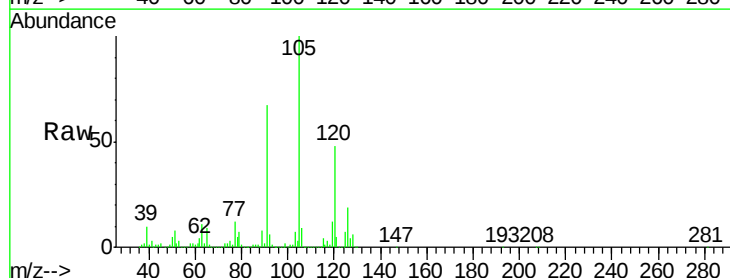
Acq: 15 Oct 2020 14:48

Tgt Ion: 105 Resp: 1331193

Ion Ratio Lower Upper

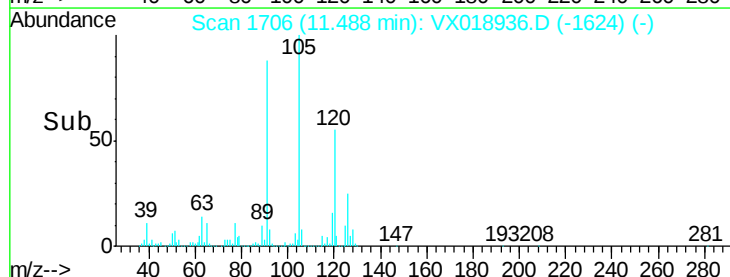
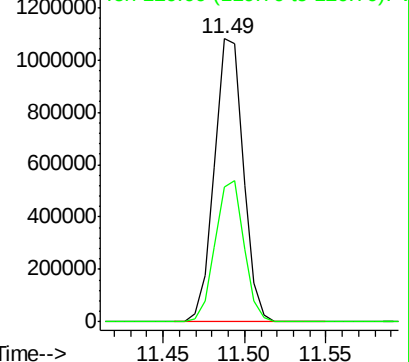
105 100

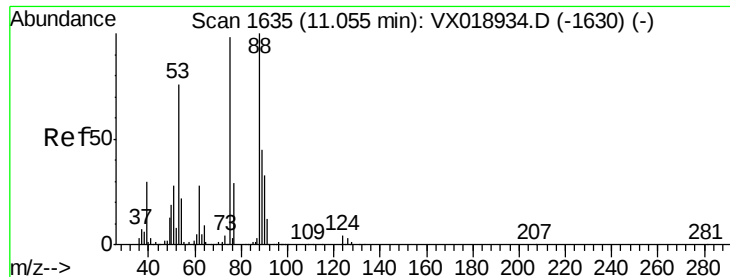
120 49.7 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018936.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018936.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 114.032 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

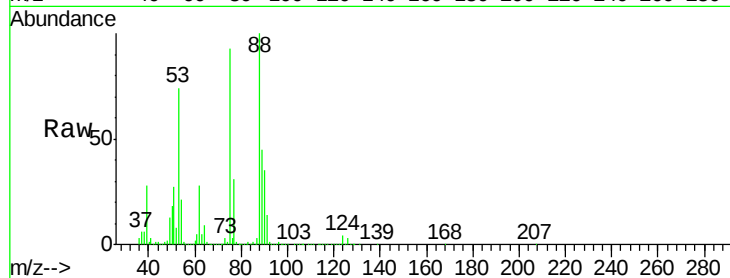
Tgt Ion: 75 Resp: 200482

Ion Ratio Lower Upper

75 100

53 78.8 38.8 116.3

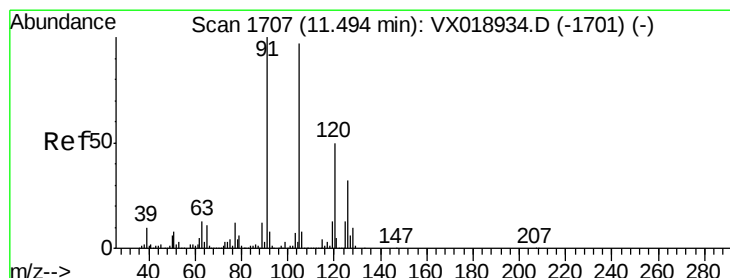
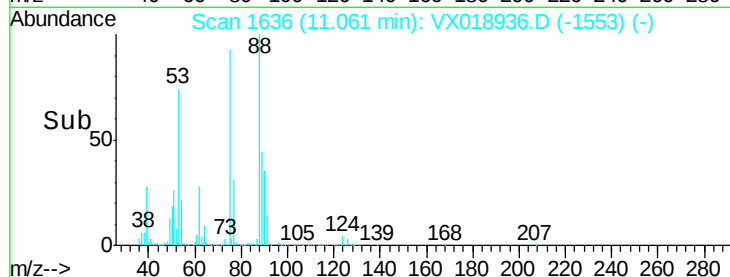
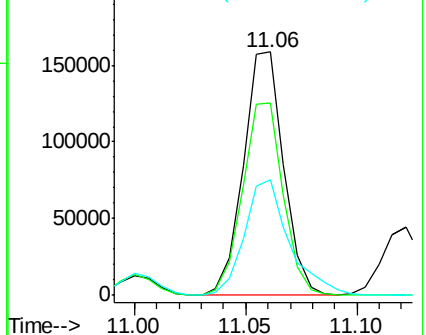
89 47.5 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 101.987 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018936.D

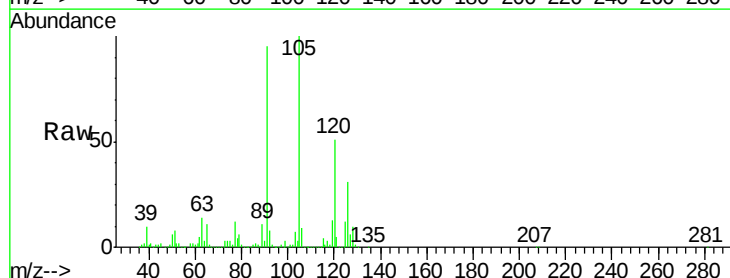
Acq: 15 Oct 2020 14:48

Tgt Ion: 91 Resp: 1216068

Ion Ratio Lower Upper

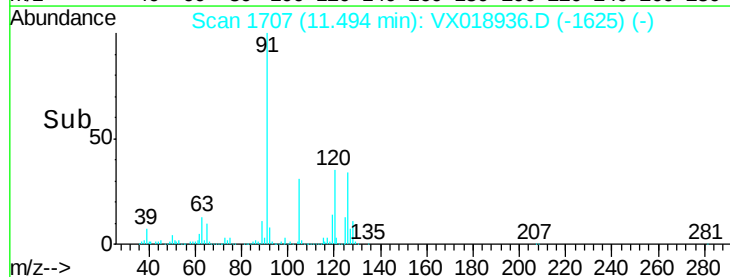
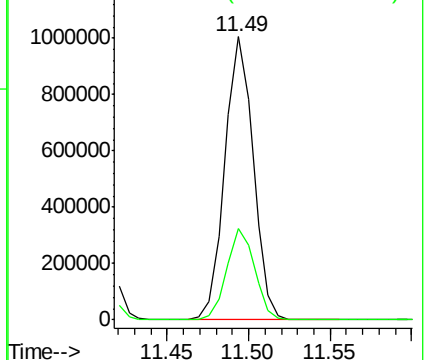
91 100

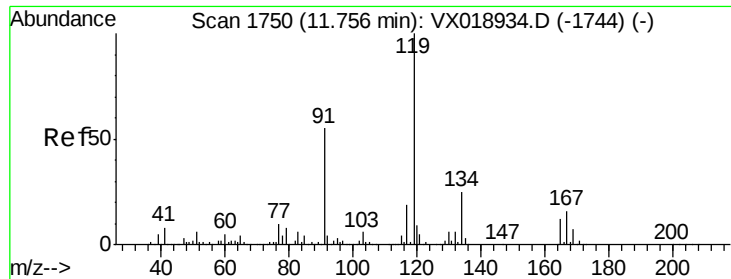
126 31.8 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

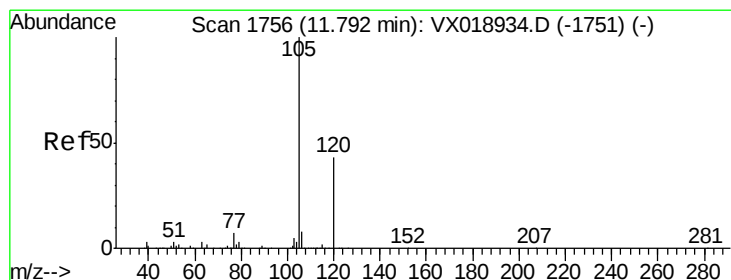
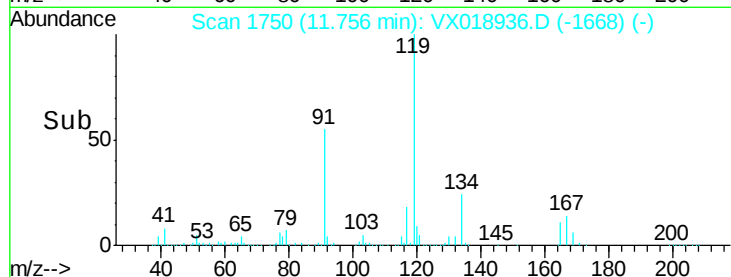
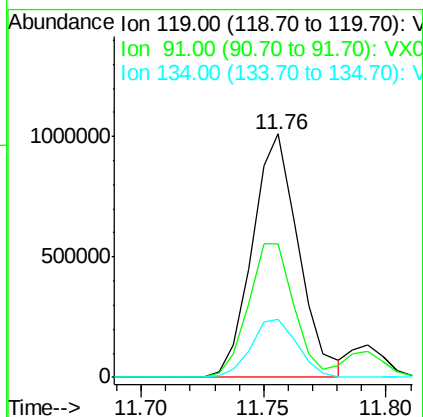
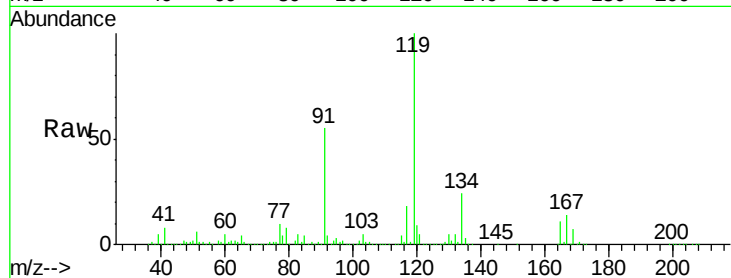




#79
tert-butylbenzene
Concen: 110.441 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

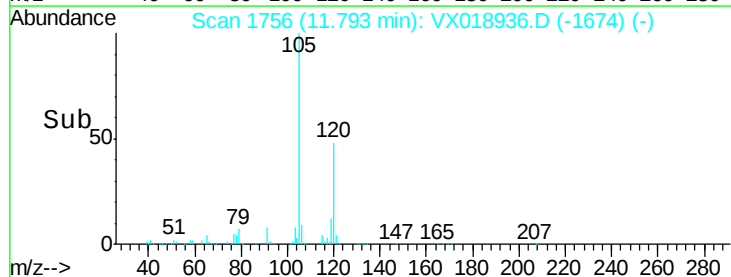
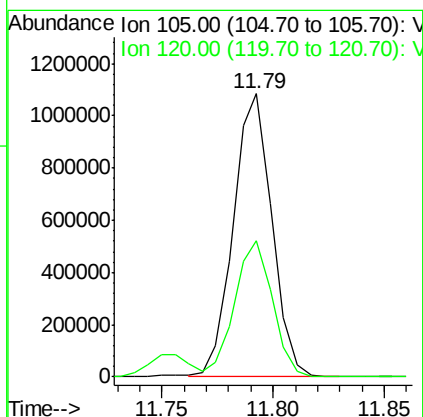
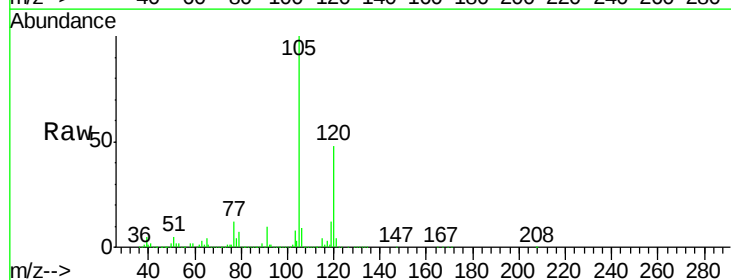
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

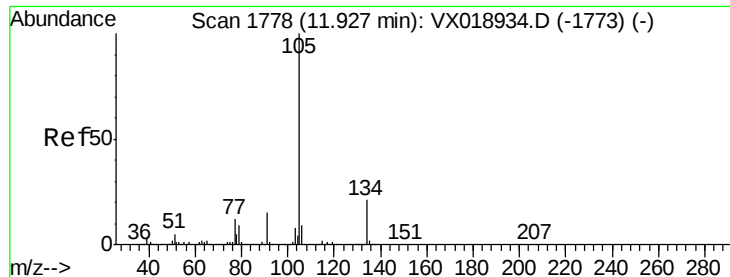
Tgt Ion:119 Resp: 1325135
Ion Ratio Lower Upper
119 100
91 54.2 0.0 110.0
134 23.8 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 107.031 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion:105 Resp: 1304642
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.0

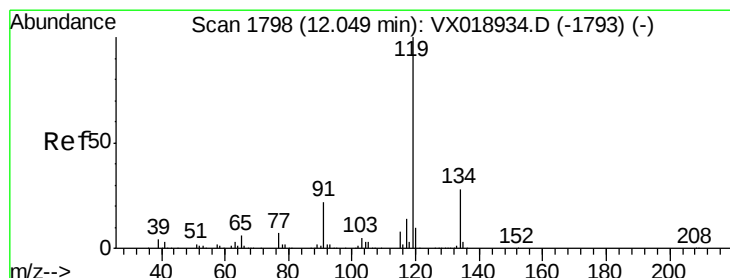
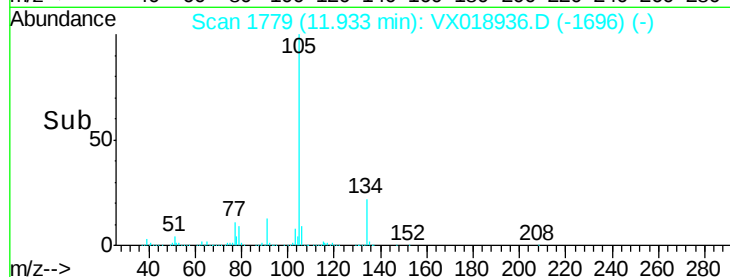
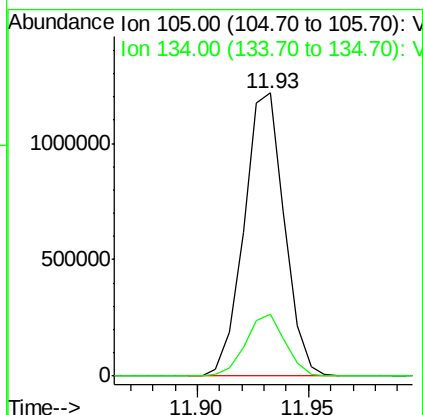
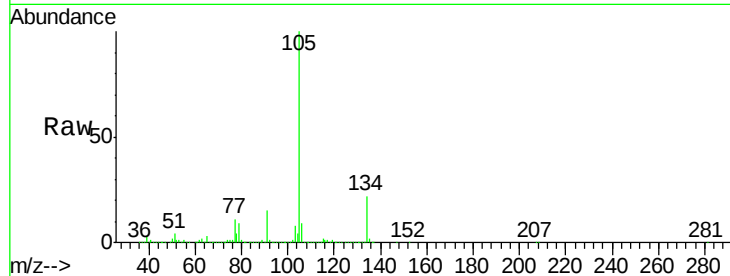




#81
 sec-Butylbenzene
 Concen: 109.746 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

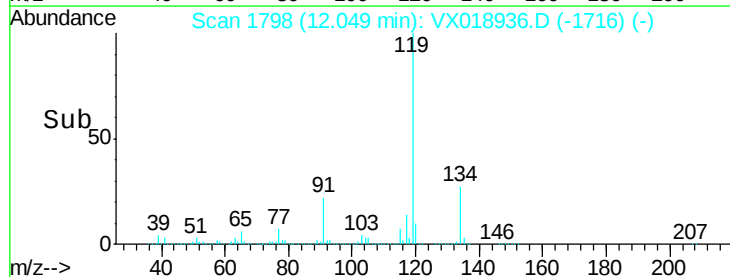
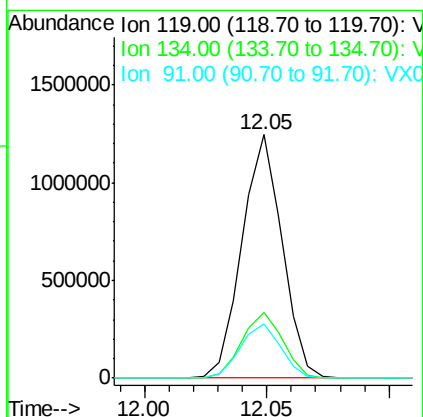
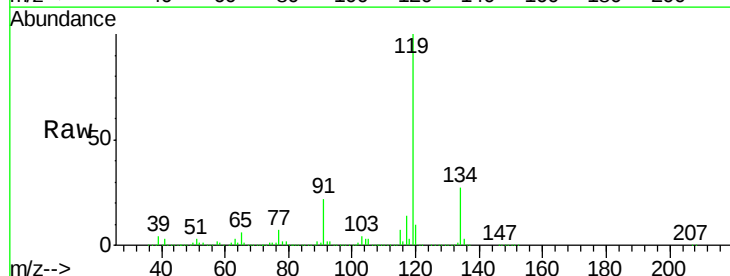
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

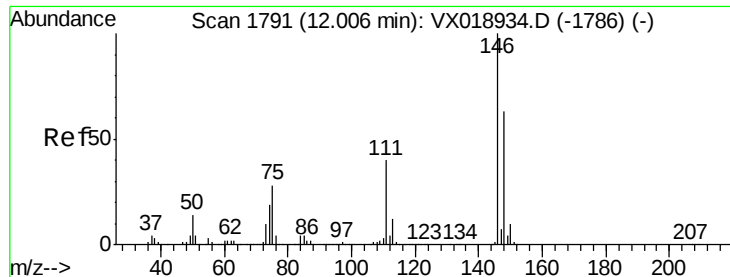
Tgt Ion:105 Resp: 1535388
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 42.6



#82
 p-Isopropyltoluene
 Concen: 108.646 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion:119 Resp: 1418263
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 54.8
 91 22.7 0.0 45.4

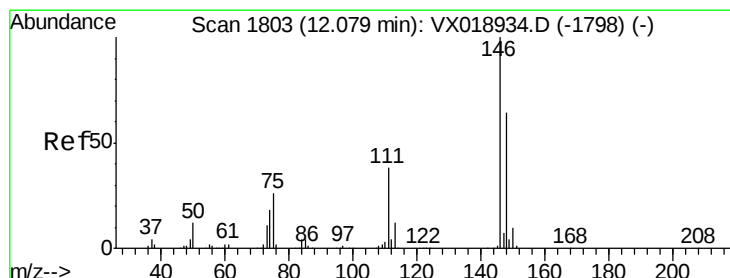
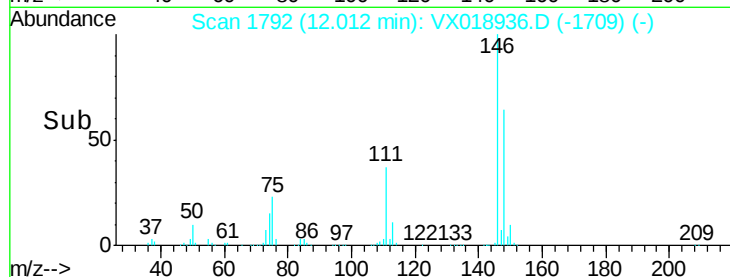
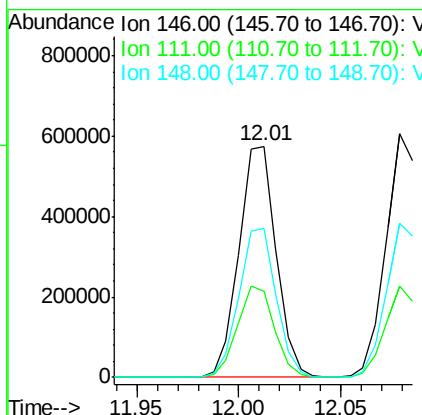
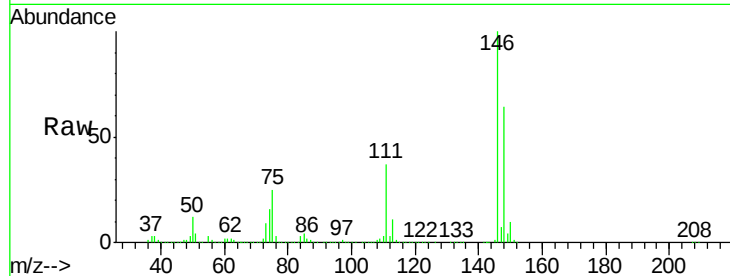




#83
 1,3-Dichlorobenzene
 Concen: 106.807 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

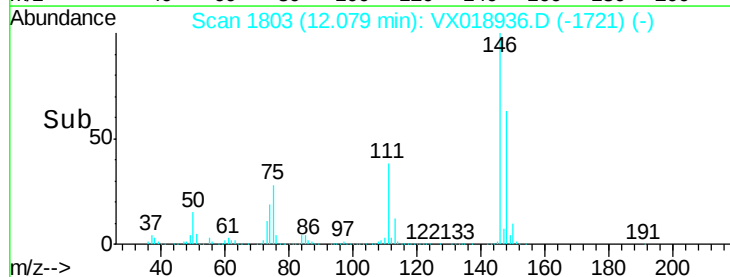
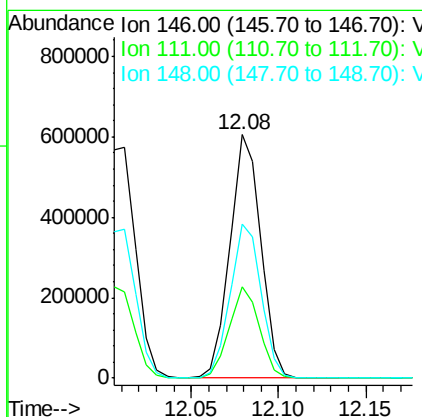
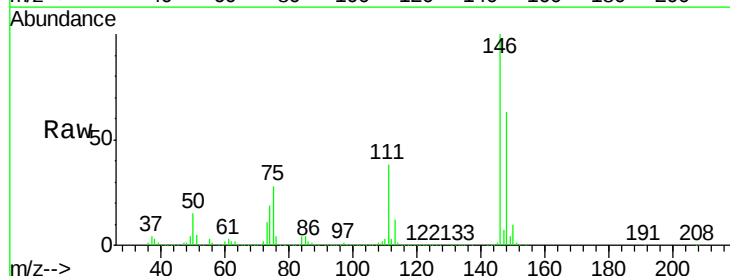
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

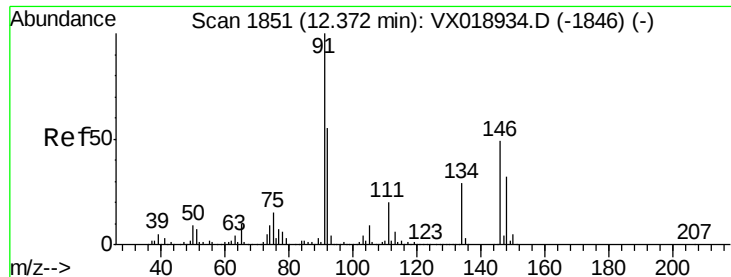
Tgt Ion:146 Resp: 731124
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.9 59.7
 148 64.2 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 108.121 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion:146 Resp: 740300
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.6
 148 63.9 32.1 96.5

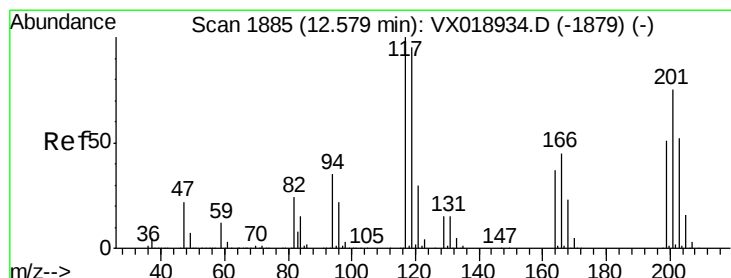
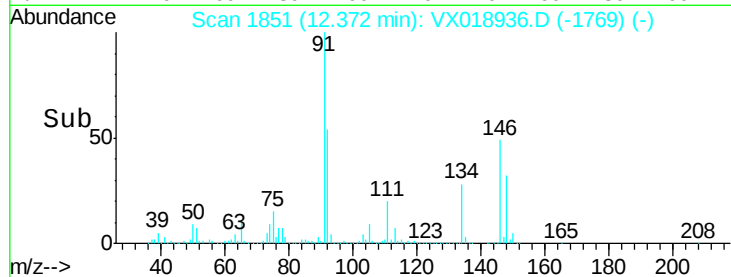
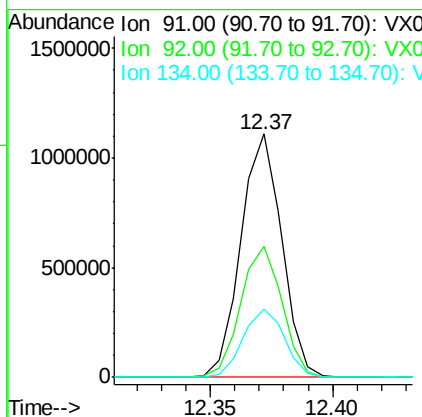
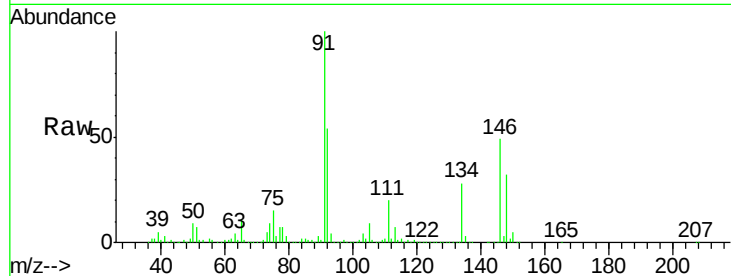




#85
n-Butylbenzene
Concen: 111.954 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

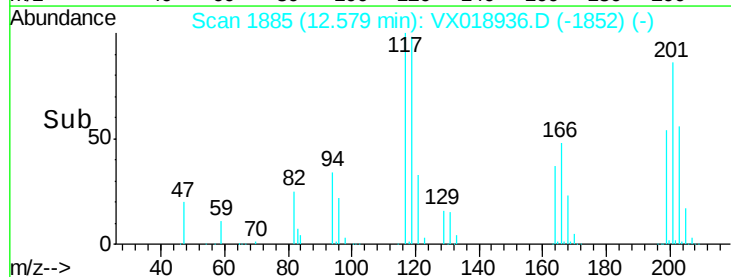
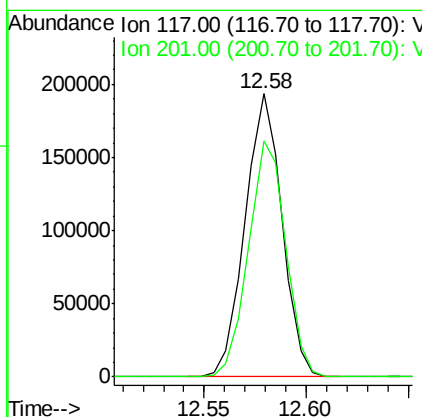
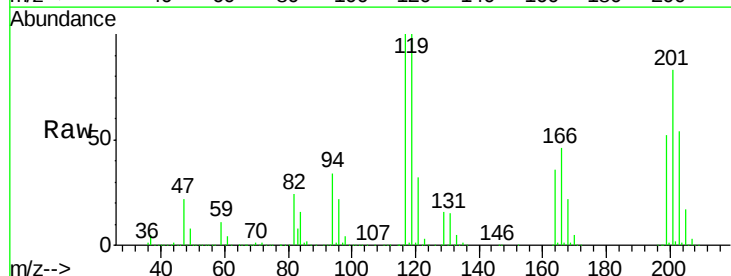
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

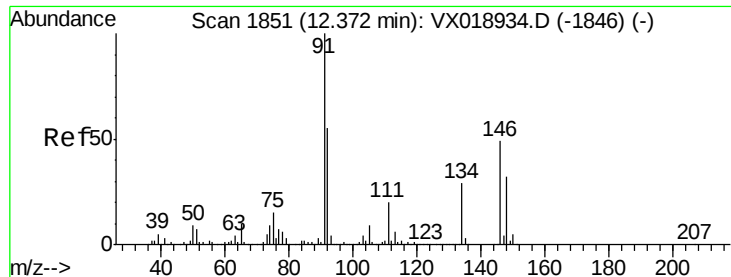
Tgt Ion: 91 Resp: 1289776
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.6
134 28.5 0.0 56.4



#86
Hexachloroethane
Concen: 97.246 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018936.D
Acq: 15 Oct 2020 14:48

Tgt Ion: 117 Resp: 243546
Ion Ratio Lower Upper
117 100
201 84.5 38.9 116.6





#87

1,2-Dichlorobenzene

Concen: 109.625 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

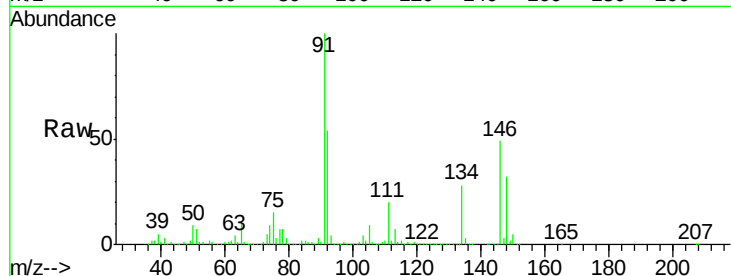
Tgt Ion:146 Resp: 708373

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.6

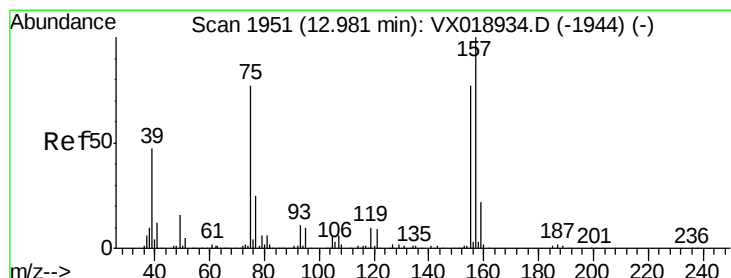
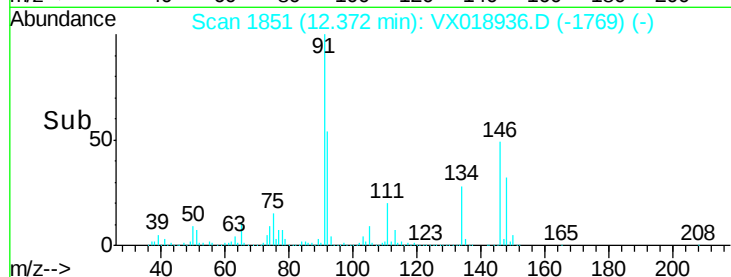
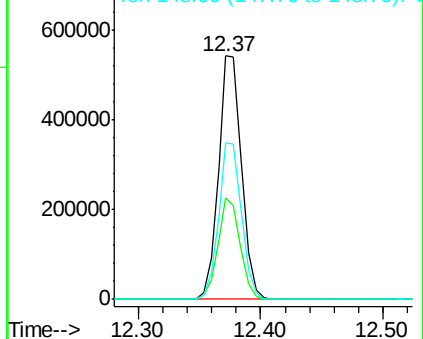
148 64.0 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 103.750 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

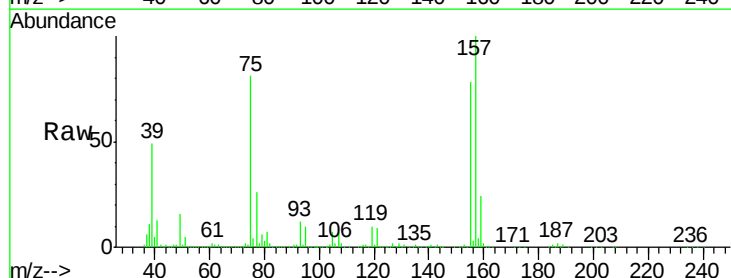
Tgt Ion: 75 Resp: 121557

Ion Ratio Lower Upper

75 100

155 100.1 79.3 118.9

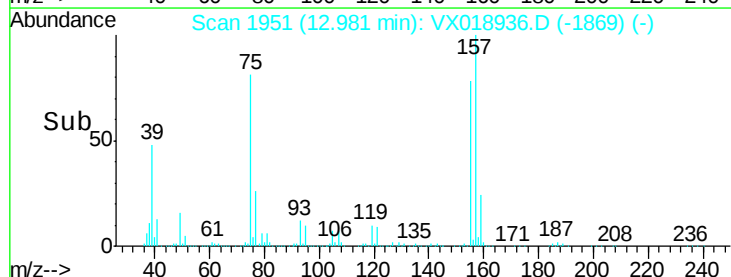
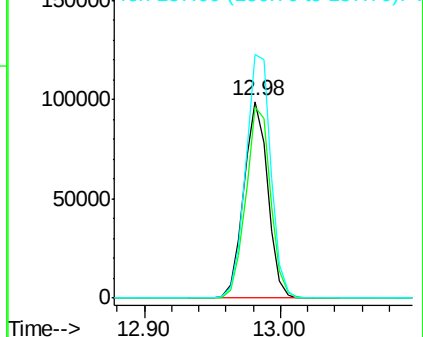
157 129.7 104.2 156.4

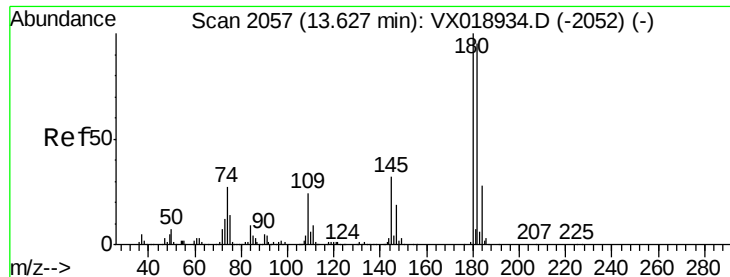


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

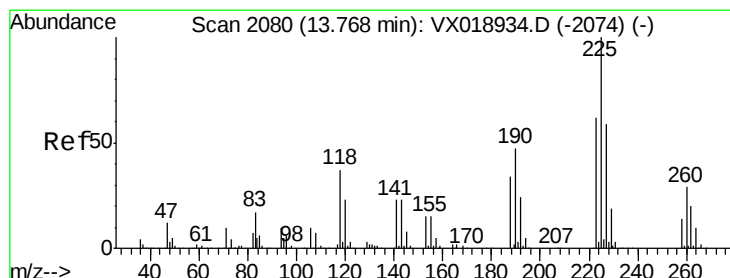
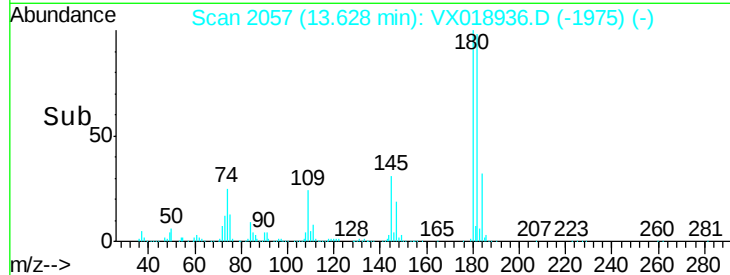
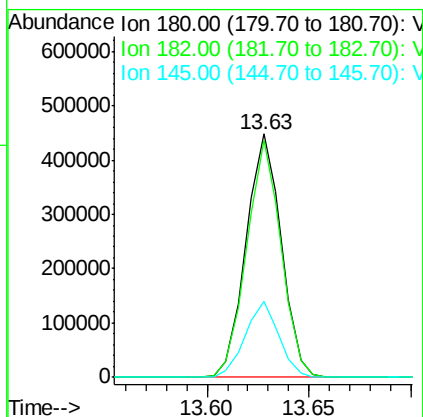
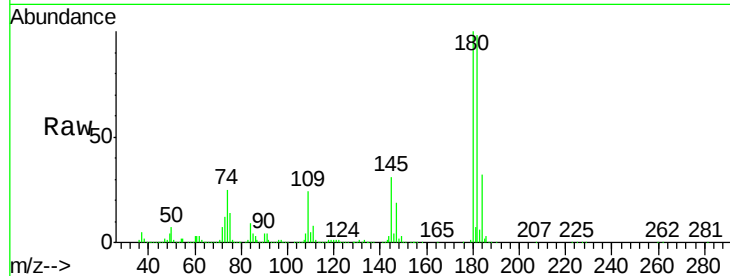




#89
 1,2,4-Trichlorobenzene
 Concen: 121.393 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

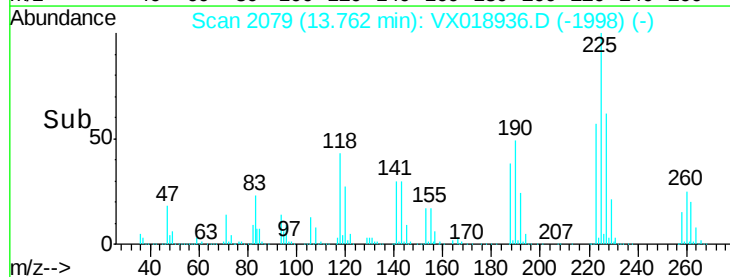
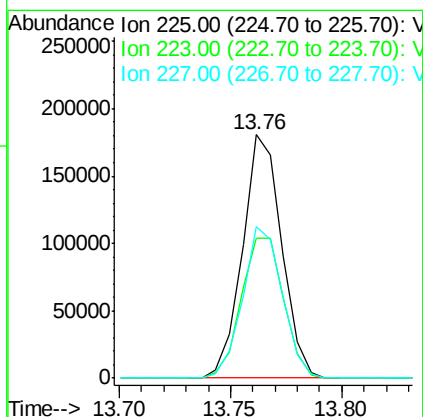
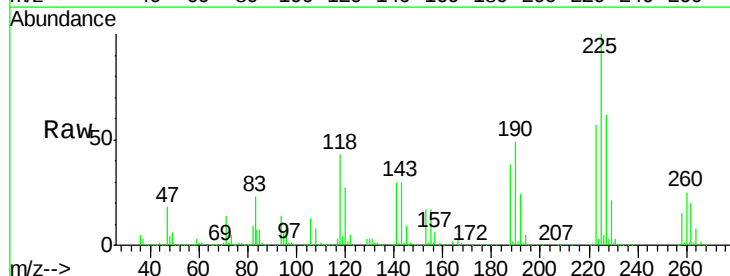
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

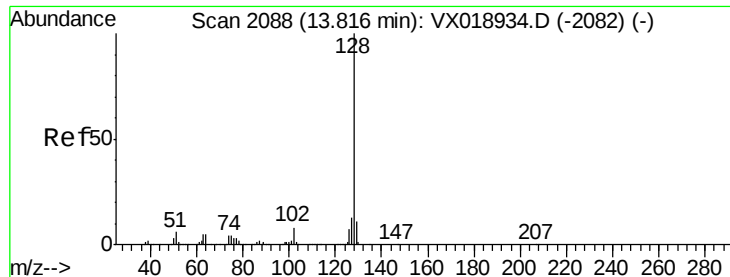
Tgt Ion:180 Resp: 538552
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.2
 145 29.9 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 119.523 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018936.D
 Acq: 15 Oct 2020 14:48

Tgt Ion:225 Resp: 221504
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 128.8
 227 63.0 0.0 123.2





#91

Naphthalene

Concen: 124.080 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

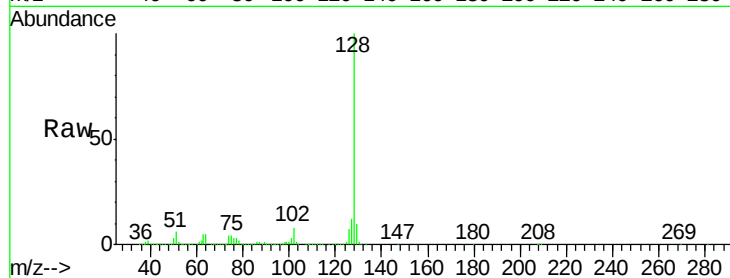
Tgt Ion:128 Resp: 1739341

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

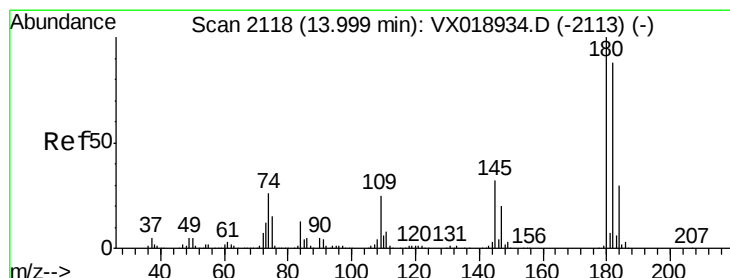
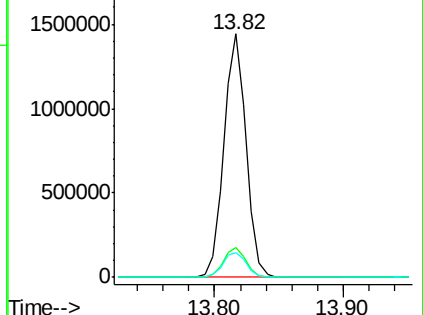
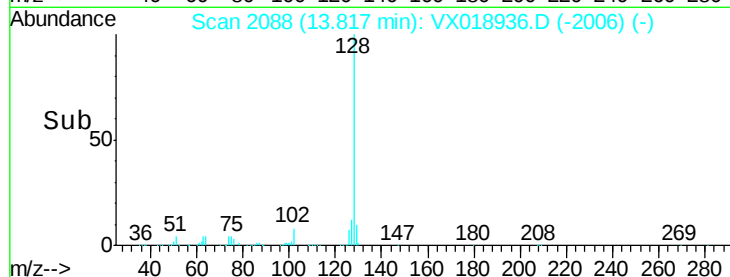
129 10.7 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 119.341 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018936.D

Acq: 15 Oct 2020 14:48

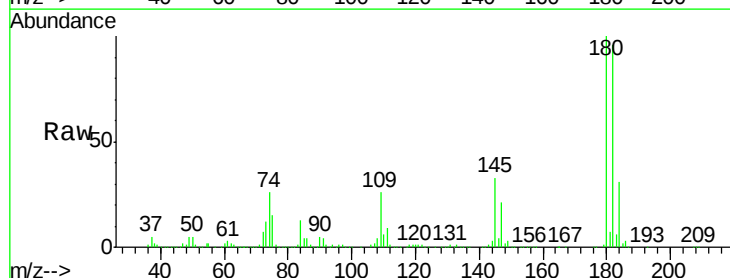
Tgt Ion:180 Resp: 523305

Ion Ratio Lower Upper

180 100

182 96.9 0.0 190.8

145 31.5 0.0 64.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

