

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018978.D
 Acq On : 20 Oct 2020 16:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 20 18:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	160221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	287130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	264447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	128798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	3426	1.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.22%	
35) Dibromofluoromethane	5.46	113	2206	1.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.38%	
50) Toluene-d8	8.70	98	8265	1.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.28%	
62) 4-Bromofluorobenzene	11.12	95	3267	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1130	0.817	ug/l 97
3) Chloromethane	1.31	50	1546	1.010	ug/l # 87
4) Vinyl Chloride	1.39	62	2053	0.973	ug/l 98
5) Bromomethane	1.63	94	2235	1.285	ug/l 90
6) Chloroethane	1.72	64	1634	1.027	ug/l 99
7) Trichlorofluoromethane	1.92	101	3251	0.905	ug/l 96
8) Diethyl Ether	2.17	74	1385	0.977	ug/l 83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1997	1.039	ug/l 89
10) Methyl Iodide	2.49	142	1306	0.724	ug/l 97
11) Tert butyl alcohol	3.00	59	2234	4.830	ug/l # 77
12) 1,1-Dichloroethene	2.35	96	2253	1.092	ug/l 91
13) Acrolein	2.27	56	1624	5.831	ug/l 87
14) Allyl chloride	2.71	41	1946	0.889	ug/l 88
15) Acrylonitrile	3.11	53	4003	4.845	ug/l 98
16) Acetone	2.42	43	3897	4.487	ug/l 99
17) Carbon Disulfide	2.54	76	5068	1.131	ug/l 95
18) Methyl Acetate	2.75	43	1621	0.924	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	4928	0.933	ug/l 100
20) Methylene Chloride	2.83	84	1975	1.063	ug/l 94
21) trans-1,2-Dichloroethene	3.14	96	1824	0.966	ug/l 96
22) Diisopropyl ether	3.82	45	4023	0.916	ug/l 91
23) Vinyl Acetate	3.78	43	17332	4.127	ug/l 99
24) 1,1-Dichloroethane	3.67	63	2820	0.902	ug/l 98
25) 2-Butanone	4.64	43	5494	4.624	ug/l 99
26) 2,2-Dichloropropane	4.55	77	2937	0.973	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	2146	0.976	ug/l 95
28) Bromochloromethane	4.97	49	1463	1.105	ug/l # 96
29) Tetrahydrofuran	5.09	42	3776	5.429	ug/l # 84
30) Chloroform	5.17	83	3084	0.886	ug/l 93
31) Cyclohexane	5.54	56	2466	0.992	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	2772	0.886	ug/l # 47
36) 1,1-Dichloropropene	5.77	75	2694	0.996	ug/l 95
37) Ethyl Acetate	4.79	43	2136	0.921	ug/l # 91
38) Carbon Tetrachloride	5.74	117	2413	0.865	ug/l # 83

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 20 18:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	2560	0.866	ug/l	95
40) Benzene	6.10	78	7019	0.892	ug/l	100
41) Methacrylonitrile	4.99	41	1168	0.915	ug/l #	82
42) 1,2-Dichloroethane	6.16	62	2361	0.869	ug/l	98
43) Isopropyl Acetate	6.40	43	3499	0.863	ug/l #	82
44) Trichloroethene	7.18	130	1956	0.885	ug/l	94
45) 1,2-Dichloropropane	7.49	63	1812	0.957	ug/l	95
46) Dibromomethane	7.63	93	1307	0.928	ug/l	94
47) Bromodichloromethane	7.87	83	2469	0.873	ug/l	91
48) Methyl methacrylate	7.74	41	2054	1.101	ug/l	89
49) 1,4-Dioxane	7.71	88	953	20.343	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	10330	4.354	ug/l	96
52) Toluene	8.76	92	4342	0.844	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	2768	0.866	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	2945	0.873	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	1793	0.870	ug/l	95
56) Ethyl methacrylate	9.16	69	2567	0.831	ug/l #	85
57) 1,3-Dichloropropane	9.35	76	2970	0.874	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	7204	4.602	ug/l	98
59) 2-Hexanone	9.47	43	7868	4.284	ug/l	94
60) Dibromochloromethane	9.56	129	1879	0.813	ug/l	95
61) 1,2-Dibromoethane	9.65	107	1930	0.874	ug/l	96
64) Tetrachloroethene	9.32	164	1868	0.871	ug/l #	77
65) Chlorobenzene	10.12	112	5030	0.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	1576	0.776	ug/l #	65
67) Ethyl Benzene	10.23	91	8512	0.867	ug/l	100
68) m/p-Xylenes	10.34	106	6472	1.689	ug/l	98
69) o-Xylene	10.68	106	3067	0.846	ug/l	99
70) Styrene	10.70	104	5157	0.833	ug/l	94
71) Bromoform	10.84	173	1241	0.755	ug/l #	93
73) Isopropylbenzene	11.00	105	8124	0.900	ug/l	98
74) N-amyl acetate	10.88	43	3212	1.032	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.25	83	2726	0.943	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	3322	1.270	ug/l	90
77) Bromobenzene	11.24	156	1924	0.857	ug/l	91
78) n-propylbenzene	11.34	91	9694	0.933	ug/l	99
79) 2-Chlorotoluene	11.40	91	5807	0.955	ug/l	92
80) 1,3,5-Trimethylbenzene	11.49	105	6840	0.893	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	1031	0.980	ug/l #	91
82) 4-Chlorotoluene	11.49	91	7368	1.012	ug/l	94
83) tert-Butylbenzene	11.76	119	6298	0.840	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	6807	0.884	ug/l	99
85) sec-Butylbenzene	11.93	105	7947	0.884	ug/l	94
86) p-Isopropyltoluene	12.05	119	7305	0.880	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	4017	0.963	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	4017	0.934	ug/l	97
89) n-Butylbenzene	12.37	91	7522	0.993	ug/l	93
90) Hexachloroethane	12.58	117	1068	0.805	ug/l	91
91) 1,2-Dichlorobenzene	12.37	146	3780	0.937	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	762	1.147	ug/l	75

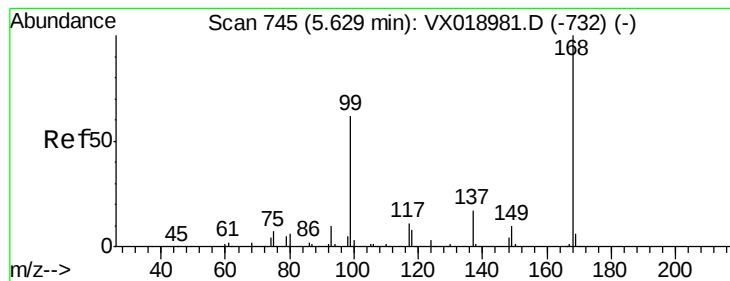
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
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MSVOA_X
ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Tue Oct 20 18:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	2720	0.984	ug/l	96
94) Hexachlorobutadiene	13.77	225	1173	0.996	ug/l	87
95) Naphthalene	13.82	128	8801	0.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2570	0.973	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

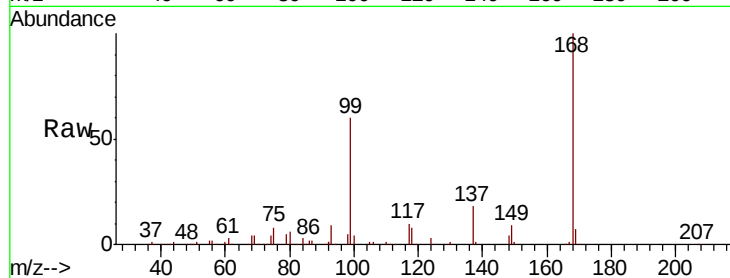
VSTDIC001

Tot Ion:168 Resp: 160221

Ion Ratio Lower Upper

168 100

99 60.5 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

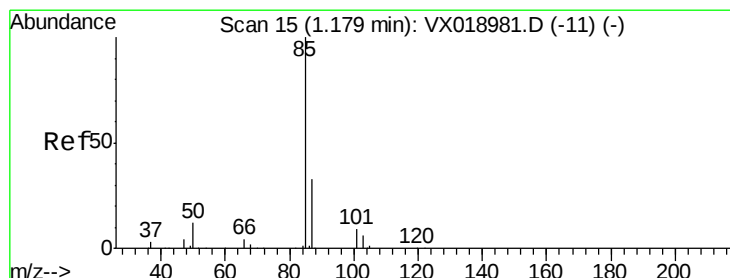
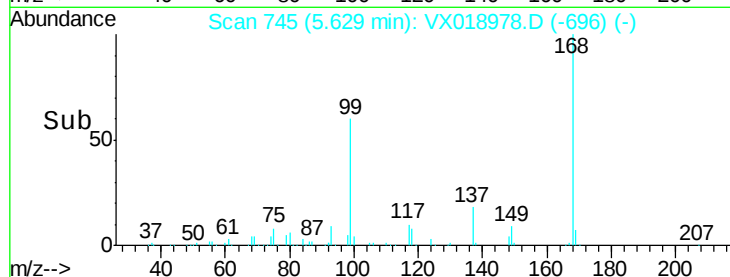
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.817 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018978.D

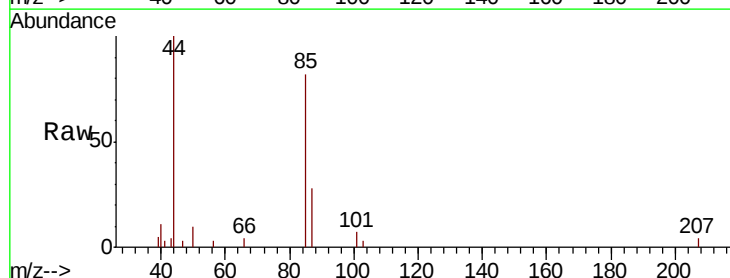
Acq: 20 Oct 2020 16:21

Tgt Ion: 85 Resp: 1130

Ion Ratio Lower Upper

85 100

87 34.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1500

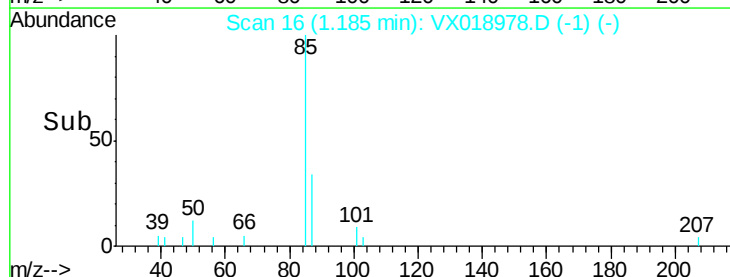
1000

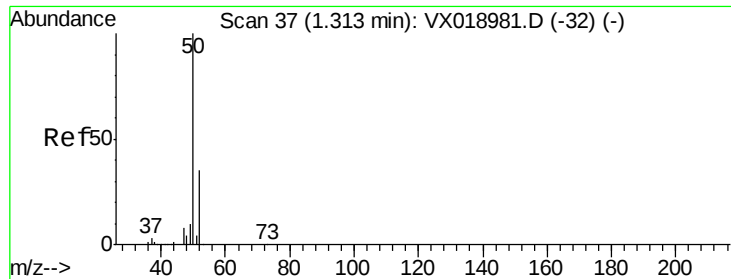
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 1.010 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

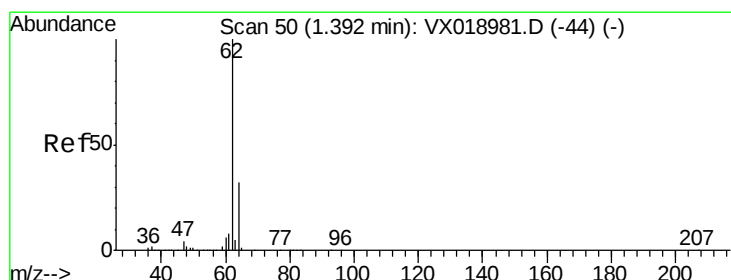
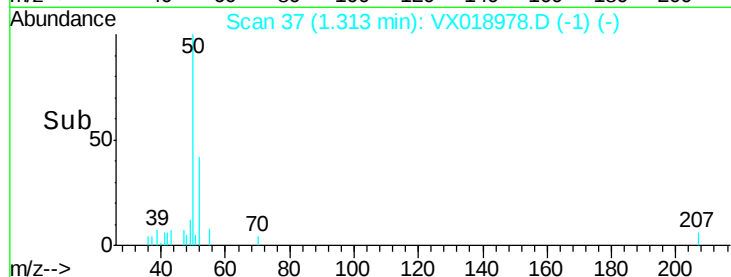
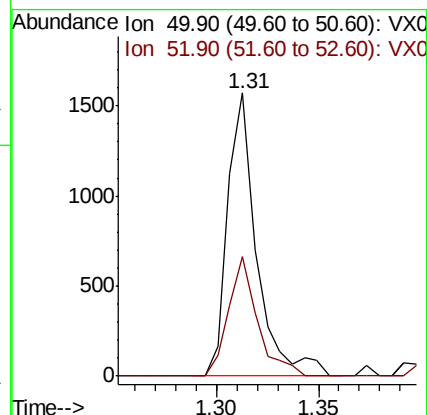
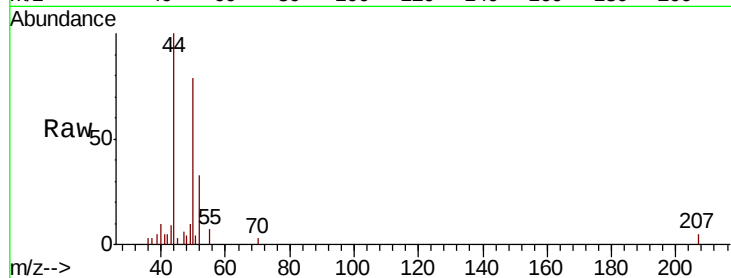
VSTDIC001

Tot Ion: 50 Resp: 1546

Ion Ratio Lower Upper

50 100

52 42.0 27.7 41.5#



#4

Vinyl Chloride

Concen: 0.973 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018978.D

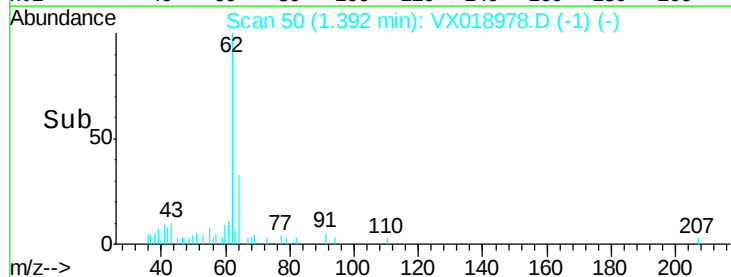
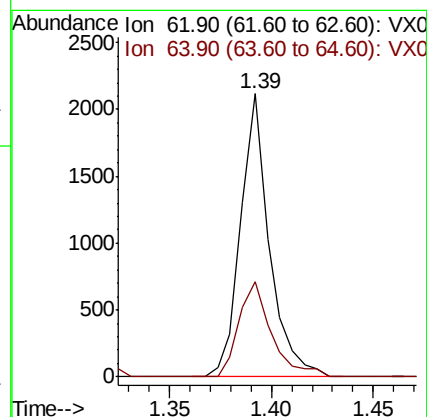
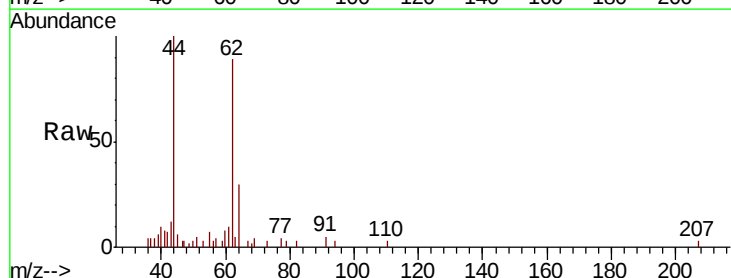
Acq: 20 Oct 2020 16:21

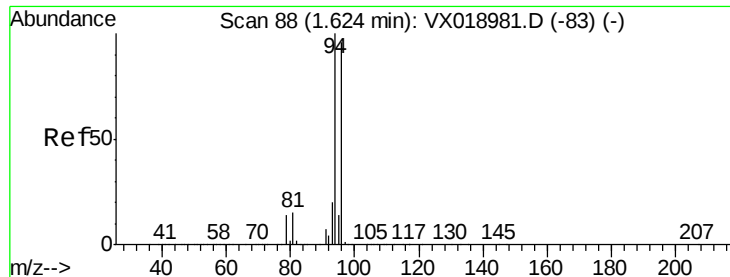
Tgt Ion: 62 Resp: 2053

Ion Ratio Lower Upper

62 100

64 33.4 25.8 38.8





#5

Bromomethane

Concen: 1.285 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

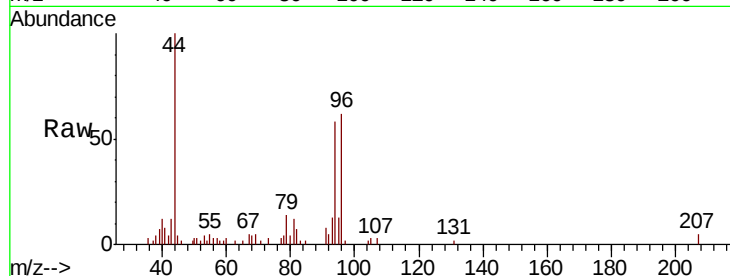
VSTDIC001

Tot Ion: 94 Resp: 2235

Ion Ratio Lower Upper

94 100

96 105.5 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

2000

1500

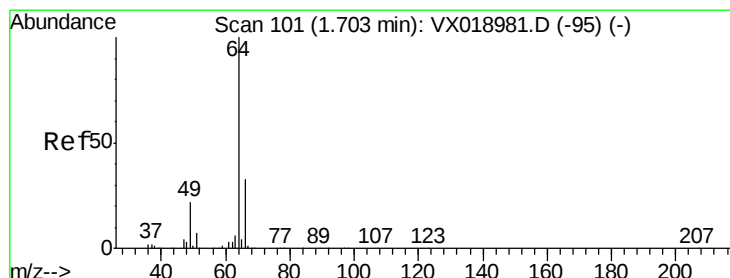
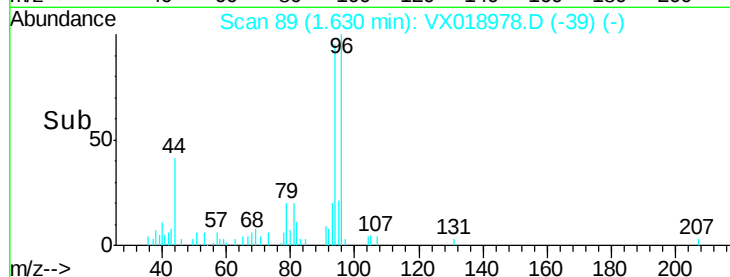
1000

500

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 1.027 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018978.D

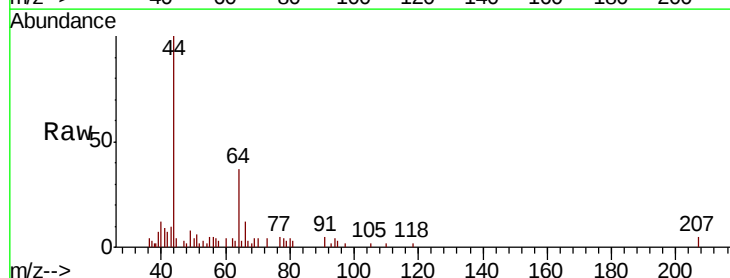
Acq: 20 Oct 2020 16:21

Tgt Ion: 64 Resp: 1634

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

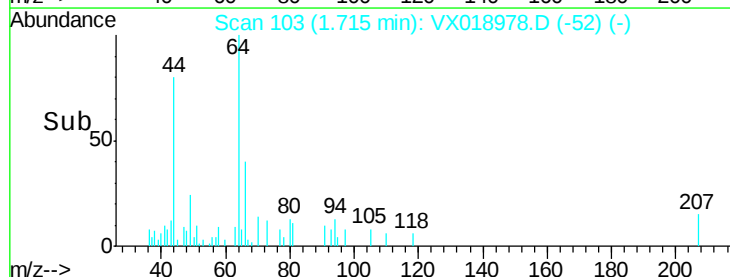
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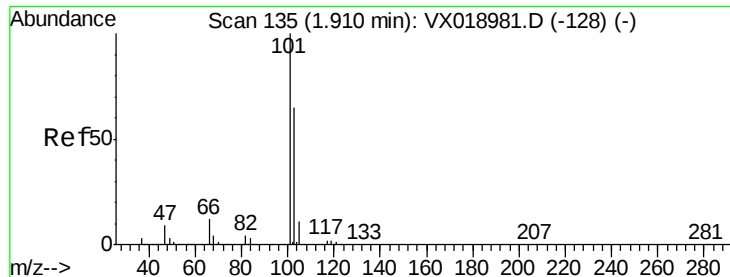
500

0

1.65 1.70 1.75 1.80

Time-->



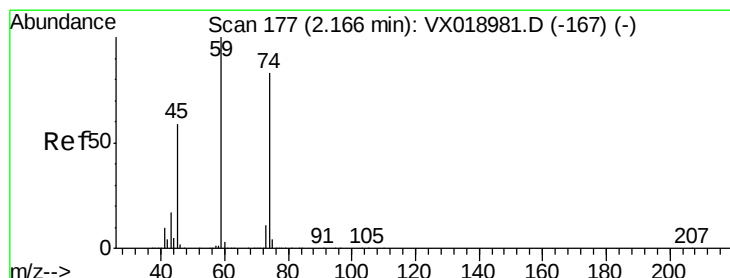
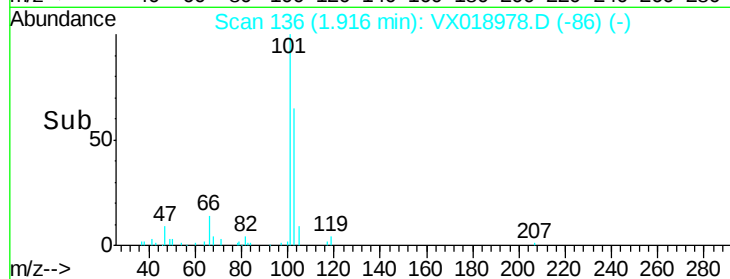
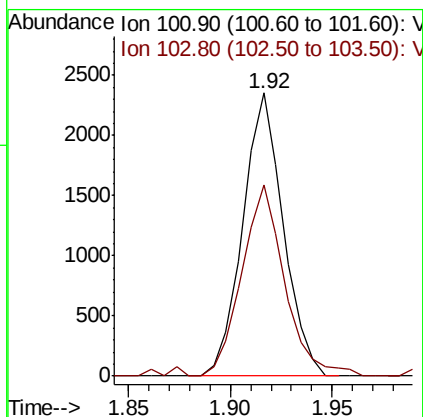
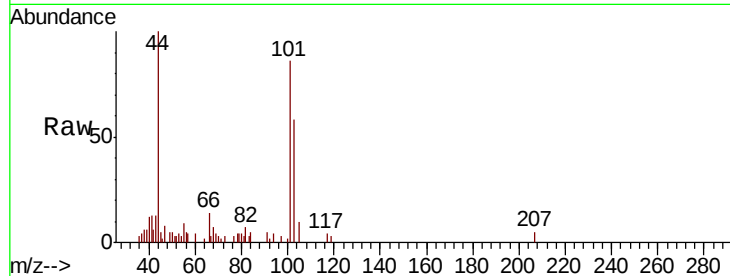


#7

Trichlorofluoromethane
 Concen: 0.905 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

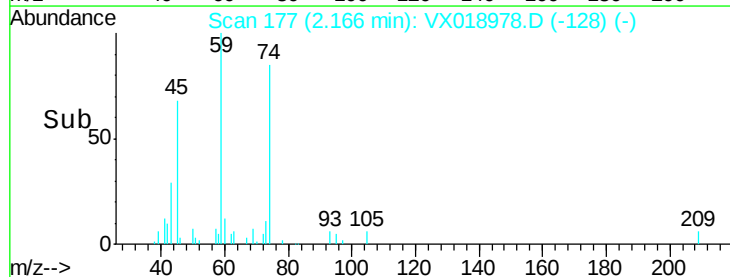
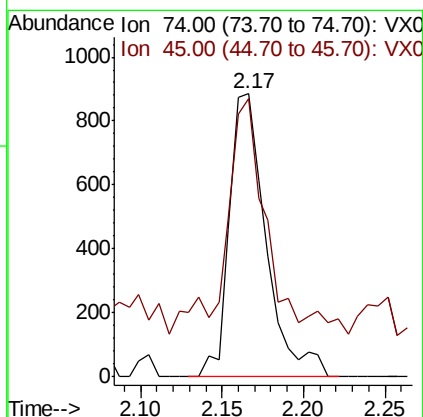
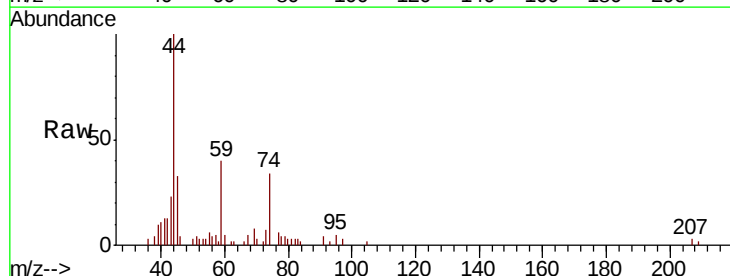
Tot Ion:101 Resp: 3251
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.6 77.4

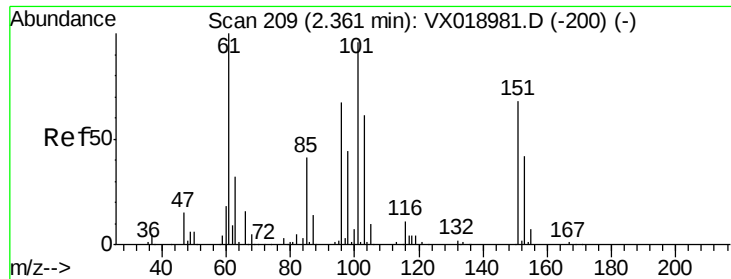


#8

Diethyl Ether
 Concen: 0.977 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 74 Resp: 1385
 Ion Ratio Lower Upper
 74 100
 45 86.5 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.039 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

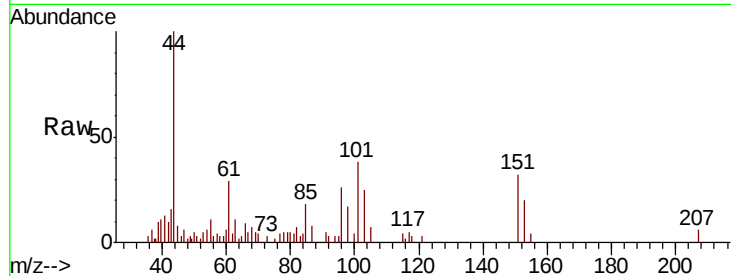
Tot Ion:101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 49.7 34.9 52.3

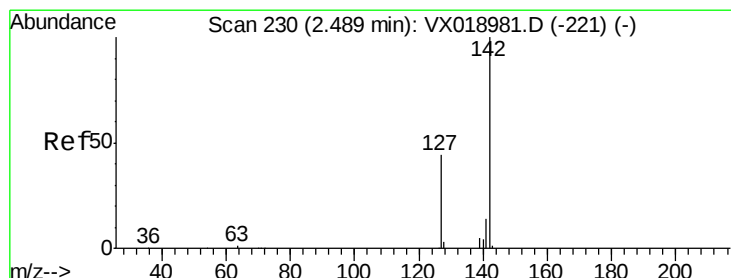
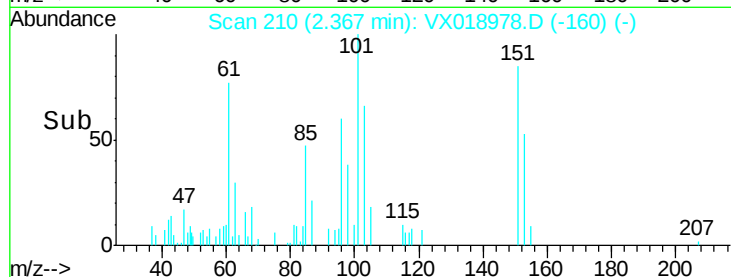
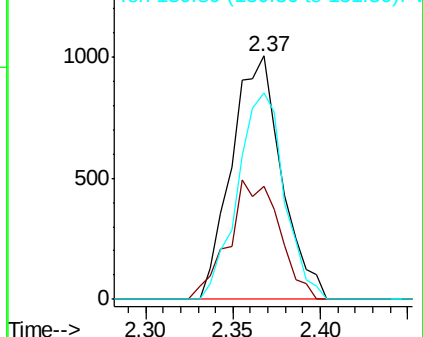
151 79.5 56.1 84.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.724 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

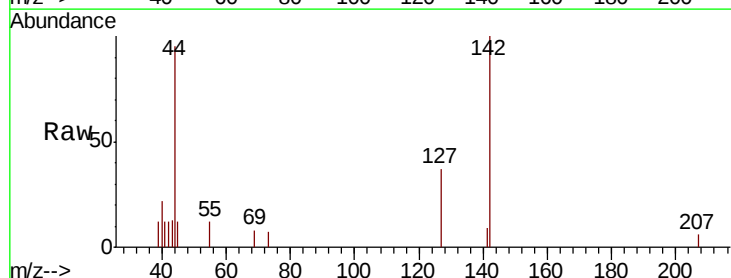
Tgt Ion:142 Resp: 1306

Ion Ratio Lower Upper

142 100

127 40.9 34.2 51.2

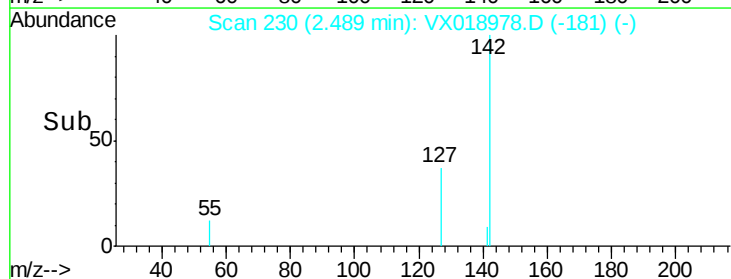
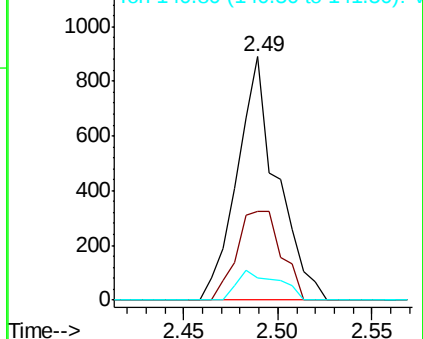
141 12.3 11.3 16.9

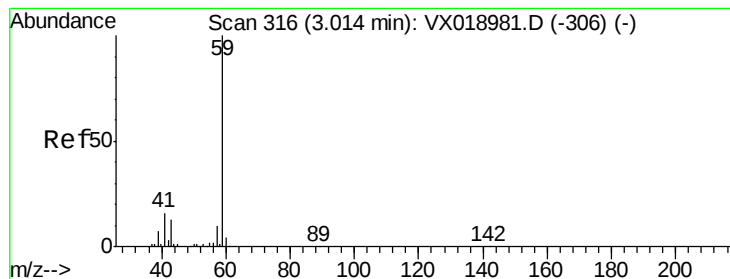


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



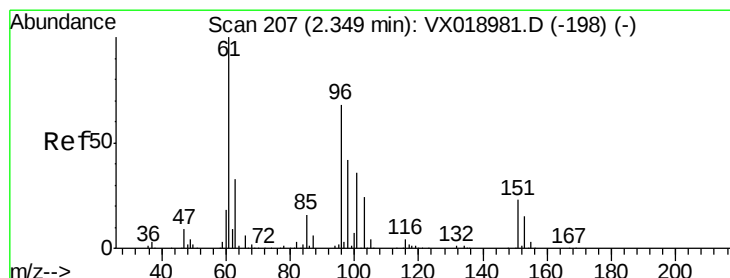
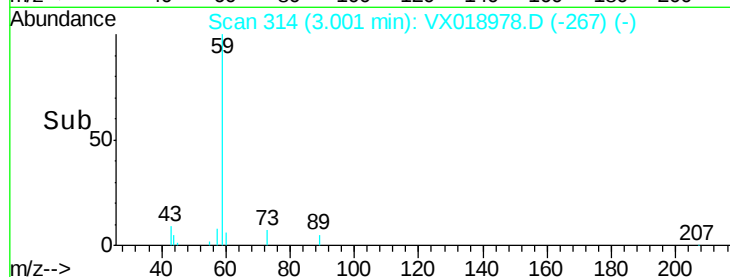
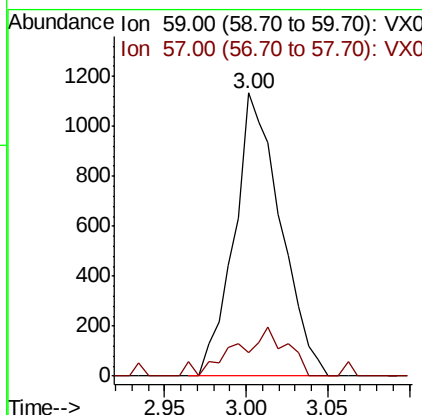
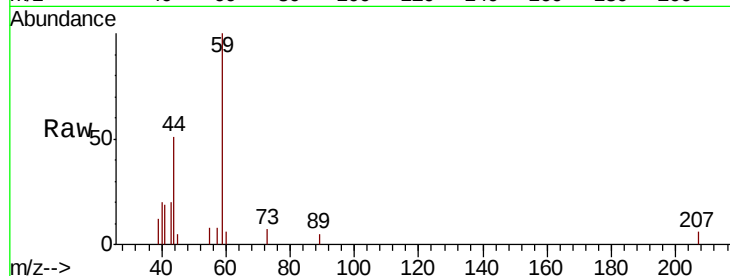


#11

Tert butyl alcohol
 Concen: 4.830 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

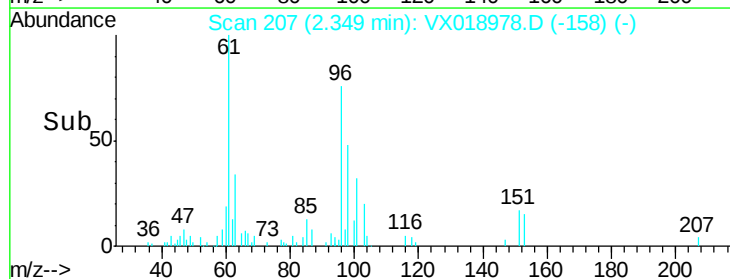
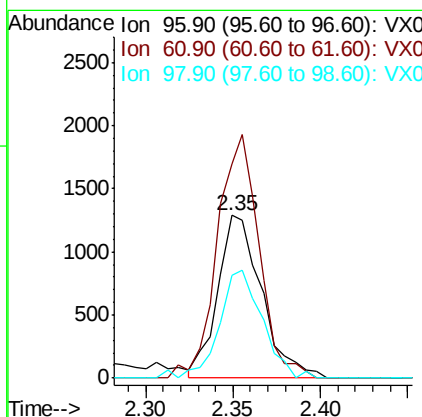
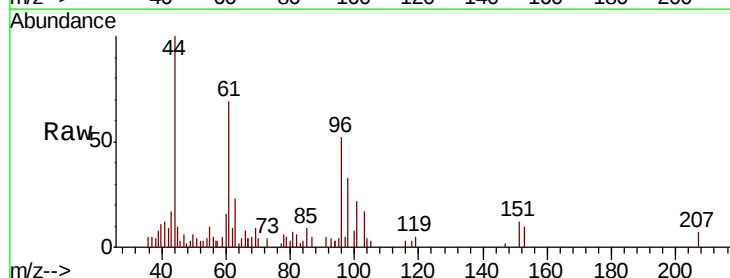
Tot Ion: 59 Resp: 2234
 Ion Ratio Lower Upper
 59 100
 57 19.2 8.3 12.5#

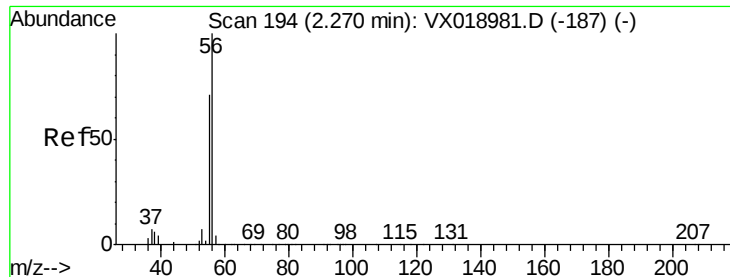


#12

1,1-Dichloroethene
 Concen: 1.092 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 96 Resp: 2253
 Ion Ratio Lower Upper
 96 100
 61 131.3 117.4 176.0
 98 62.8 48.9 73.3





#13

Acrolein

Concen: 5.831 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

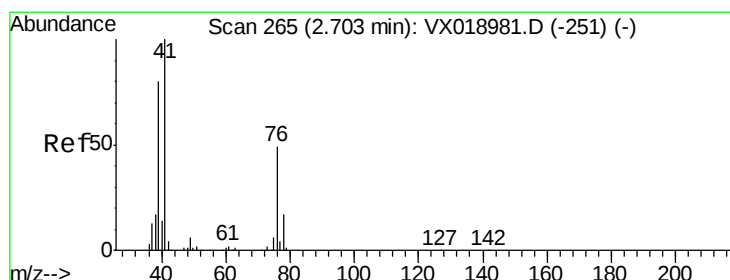
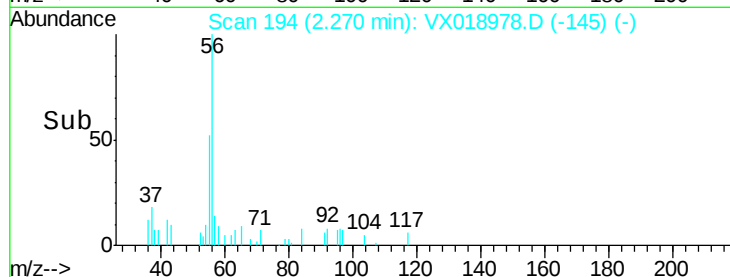
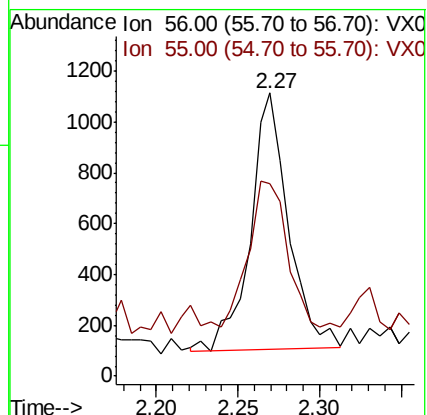
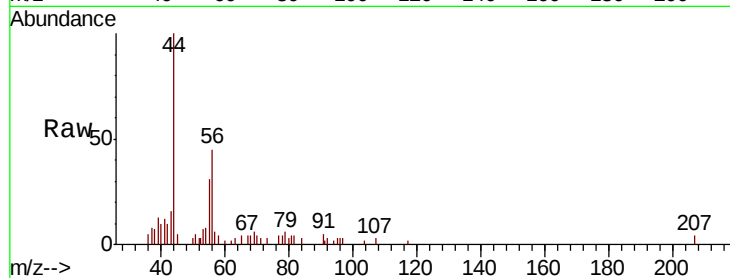
VSTDIC001

Tot Ion: 56 Resp: 1624

Ion Ratio Lower Upper

56 100

55 58.3 55.4 83.2



#14

Allyl chloride

Concen: 0.889 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

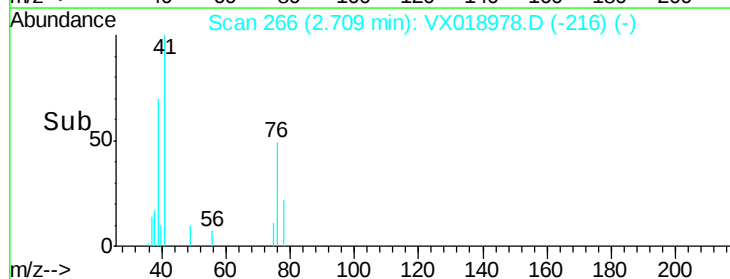
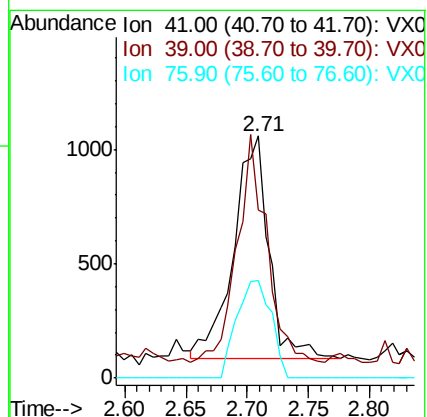
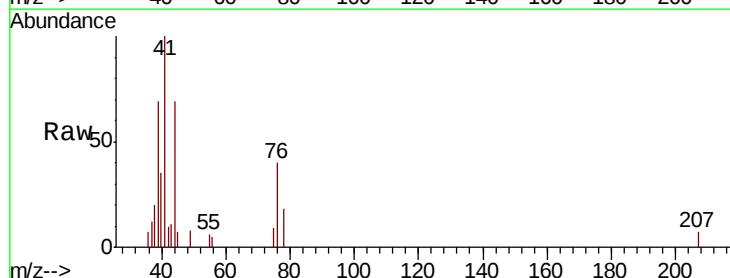
Tgt Ion: 41 Resp: 1946

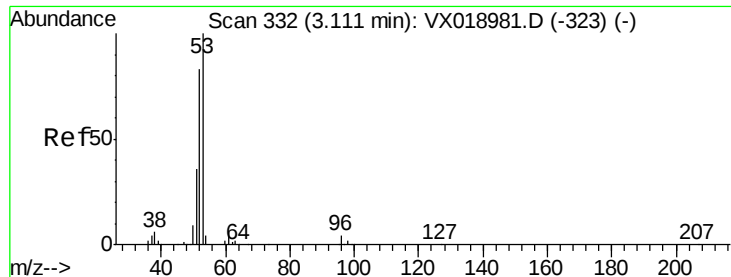
Ion Ratio Lower Upper

41 100

39 86.3 57.8 86.8

76 42.7 36.2 54.4





#15

Acrylonitrile

Concen: 4.845 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

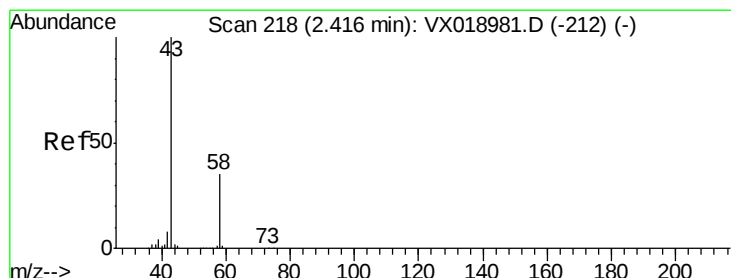
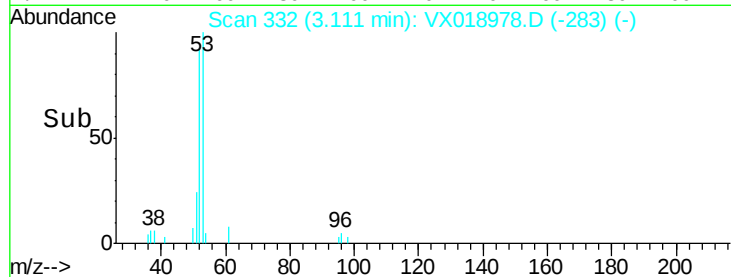
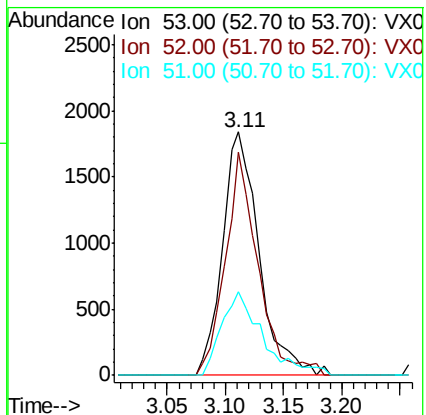
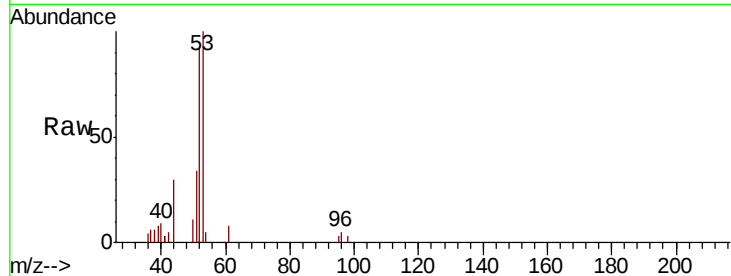
Tot Ion: 53 Resp: 4003

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

51 38.5 28.8 43.2



#16

Acetone

Concen: 4.487 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018978.D

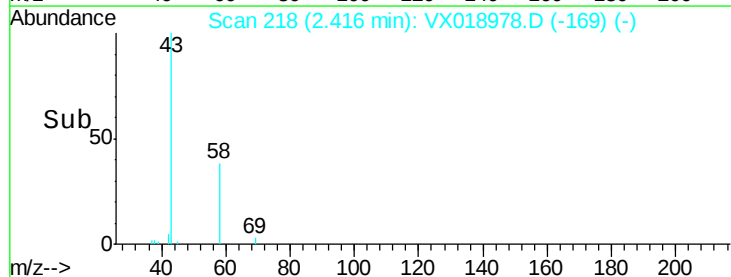
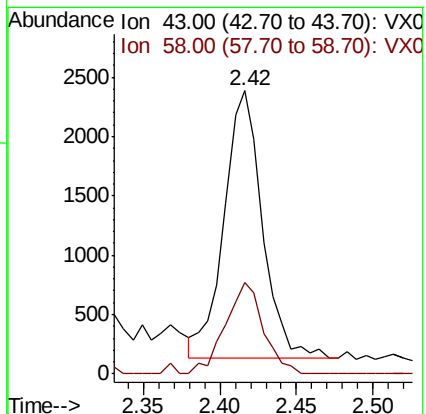
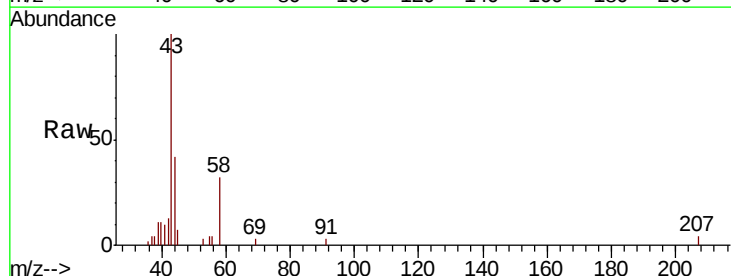
Acq: 20 Oct 2020 16:21

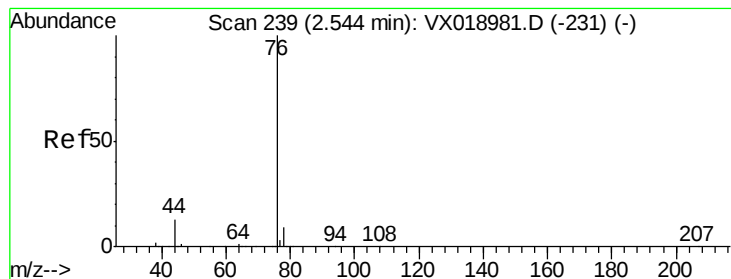
Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

43 100

58 34.4 27.9 41.9





#17

Carbon Disulfide

Concen: 1.131 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

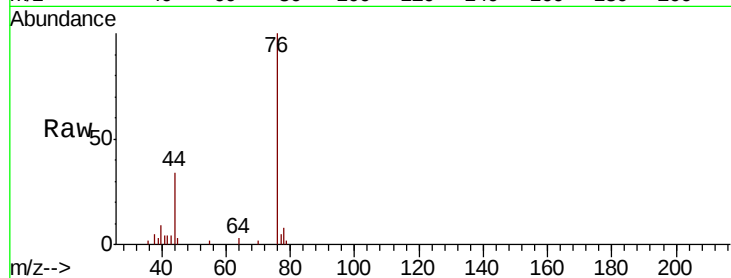
VSTDIC001

Tot Ion: 76 Resp: 5068

Ion Ratio Lower Upper

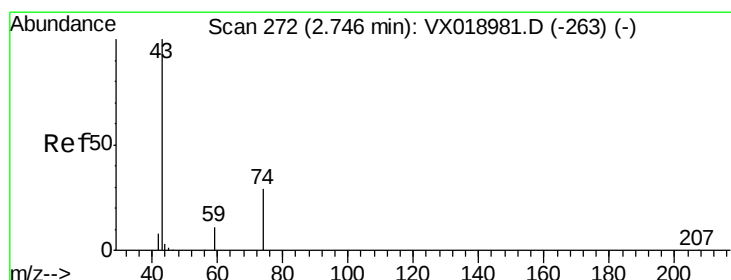
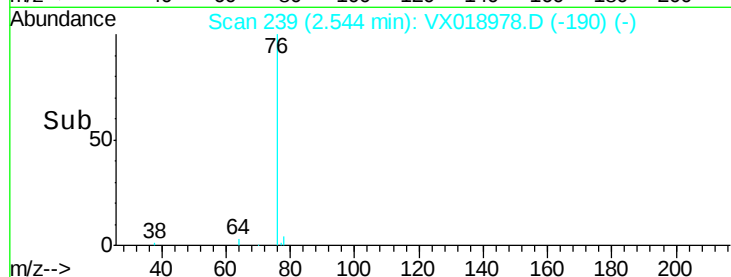
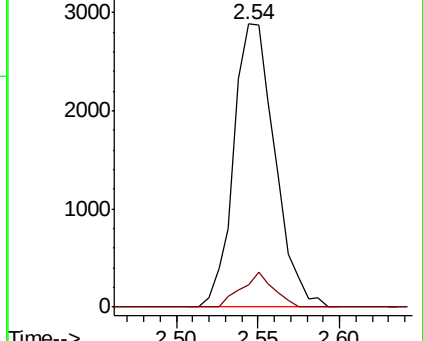
76 100

78 7.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.924 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX018978.D

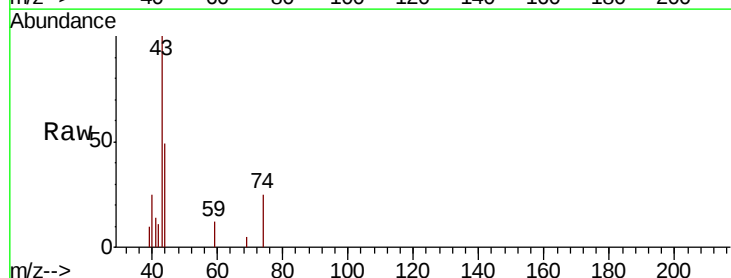
Acq: 20 Oct 2020 16:21

Tgt Ion: 43 Resp: 1621

Ion Ratio Lower Upper

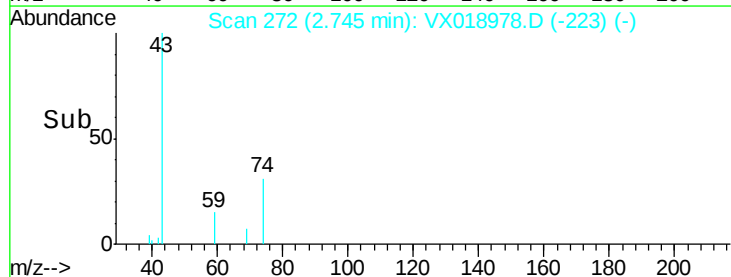
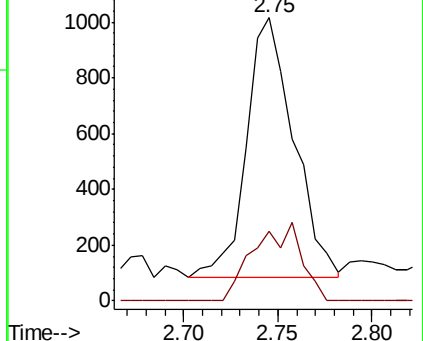
43 100

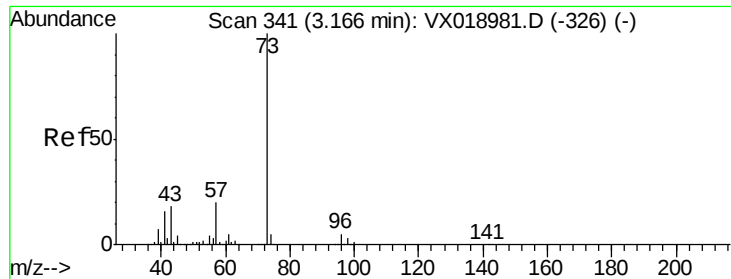
74 30.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

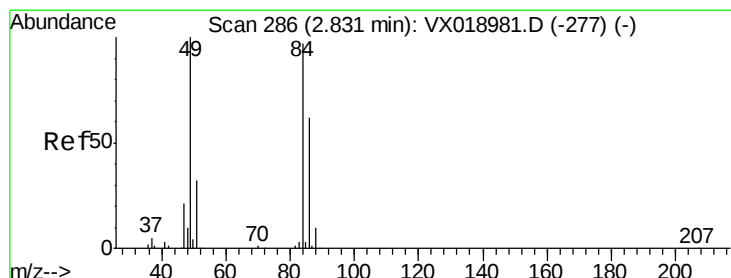
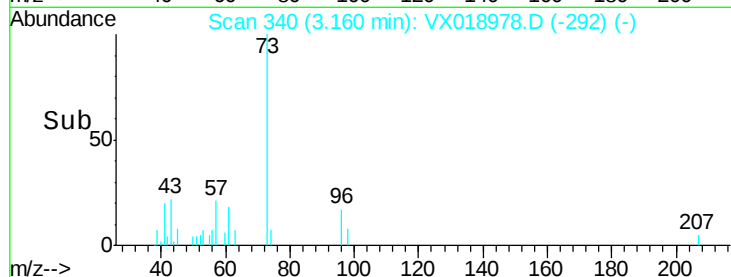
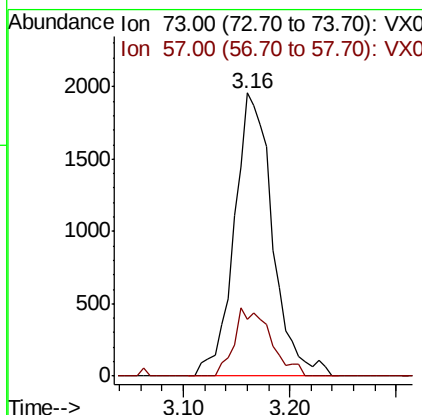
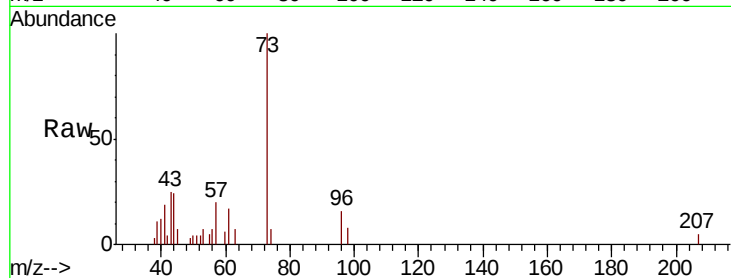




#19
Methyl tert-butyl Ether
Concen: 0.933 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

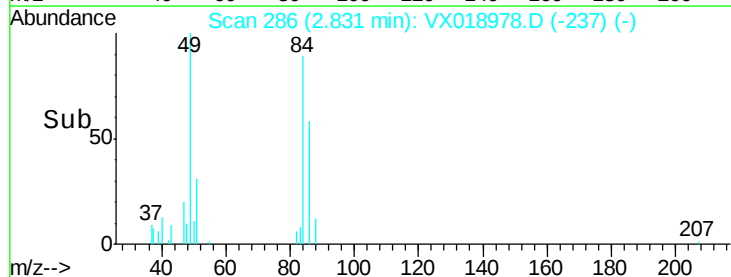
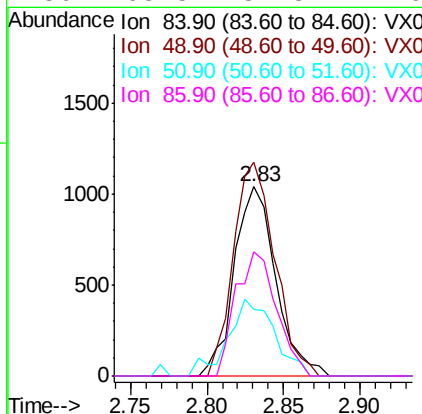
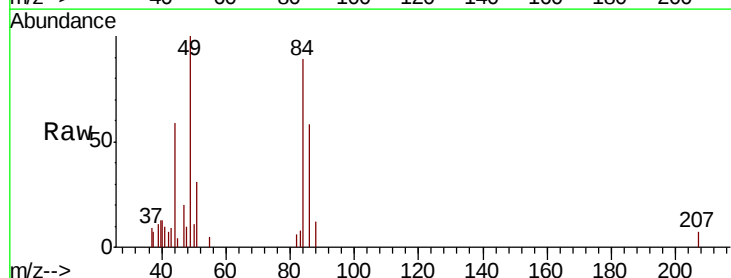
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

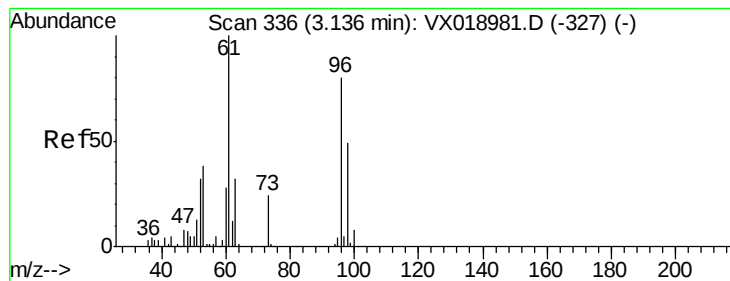
Tot Ion: 73 Resp: 4928
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.2



#20
Methylene Chloride
Concen: 1.063 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 84 Resp: 1975
Ion Ratio Lower Upper
84 100
49 112.8 82.9 124.3
51 35.1 26.4 39.6
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 0.966 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

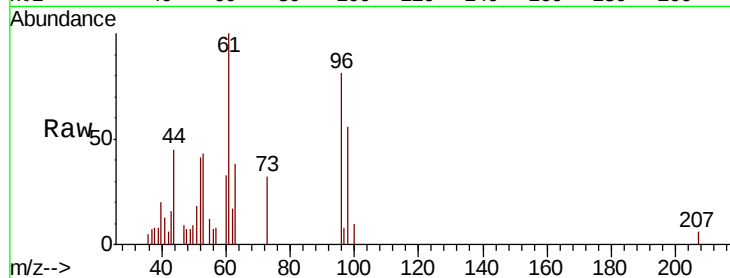
Tot Ion: 96 Resp: 1824

Ion Ratio Lower Upper

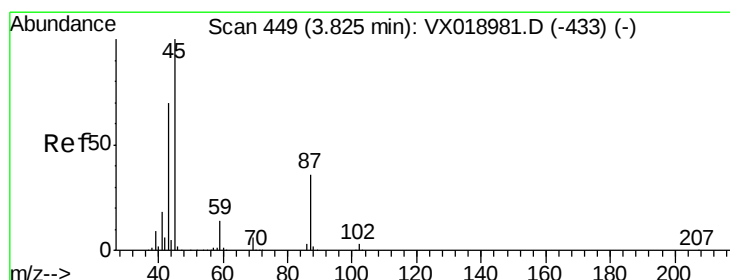
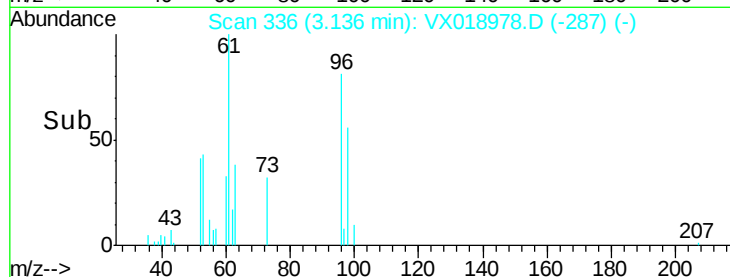
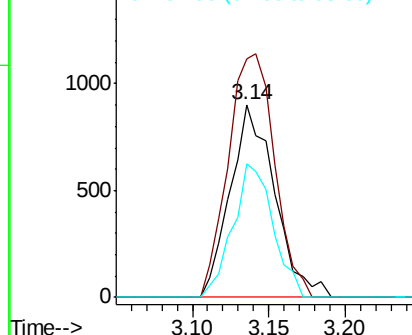
96 100

61 124.0 99.8 149.8

98 69.4 49.1 73.7



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



#22

Diisopropyl ether

Concen: 0.916 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Tgt Ion: 45 Resp: 4023

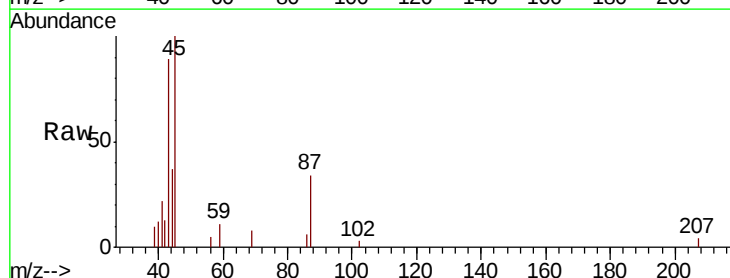
Ion Ratio Lower Upper

45 100

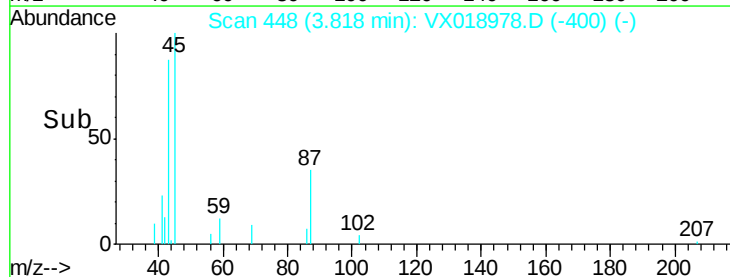
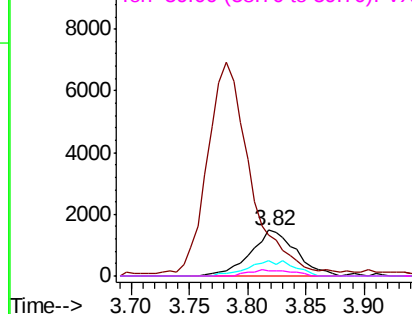
43 79.7 56.1 84.1

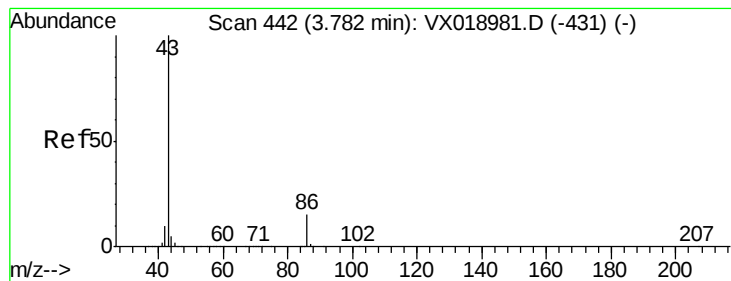
87 33.8 29.2 43.8

59 11.5 11.0 16.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.127 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

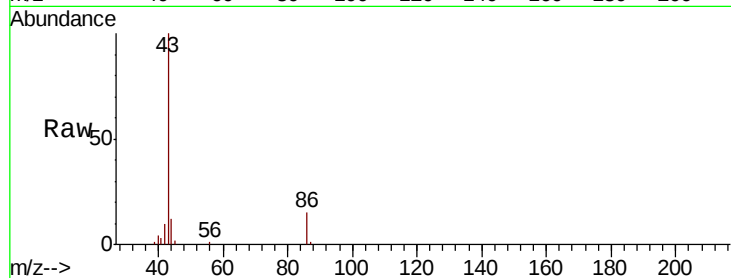
VSTDIC001

Tot Ion: 43 Resp: 17332

Ion Ratio Lower Upper

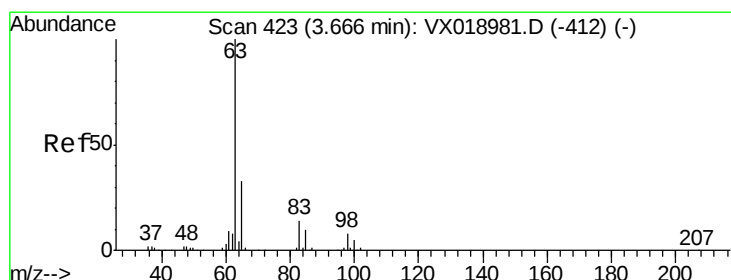
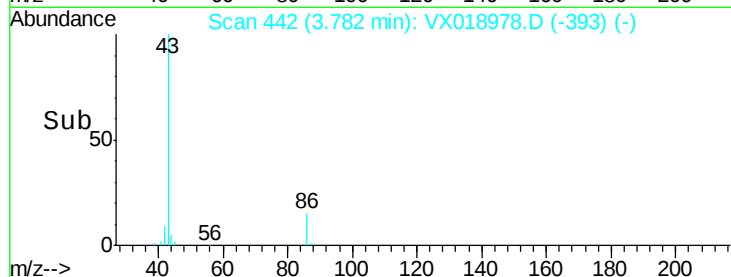
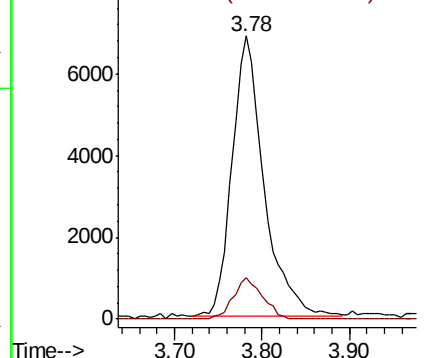
43 100

86 14.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.902 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

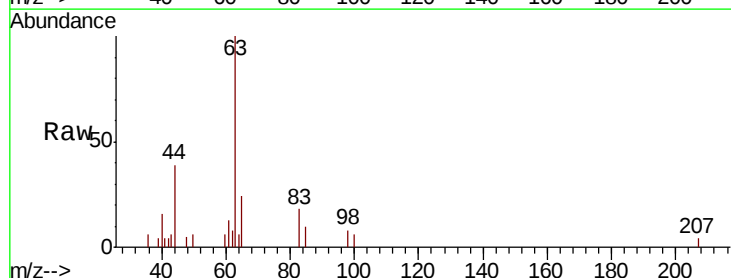
Tgt Ion: 63 Resp: 2820

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

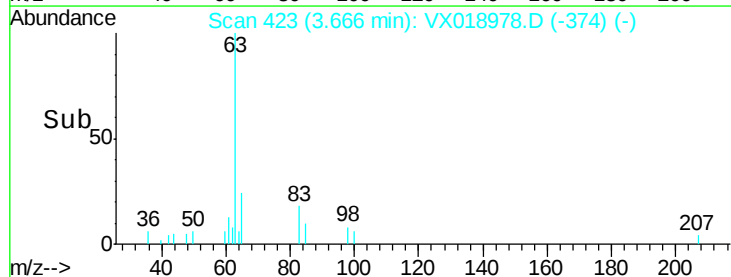
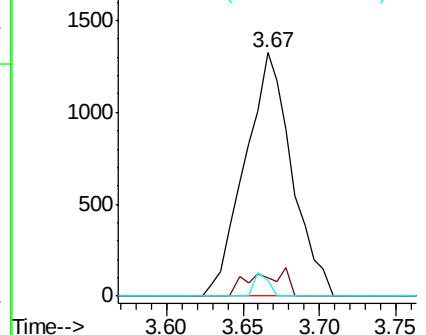
100 6.4 2.4 7.1

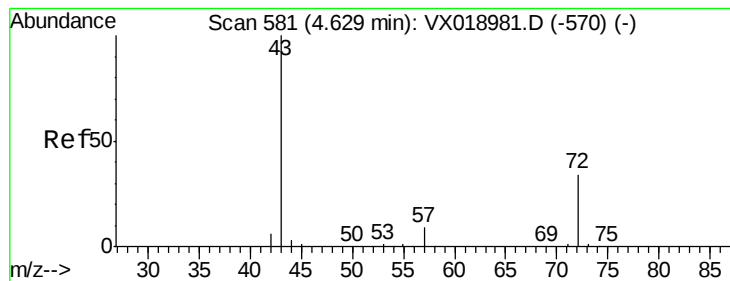


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.624 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

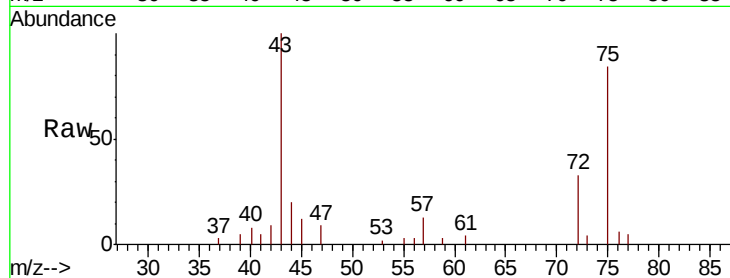
VSTDIC001

Tot Ion: 43 Resp: 5494

Ion Ratio Lower Upper

43 100

72 33.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

2500

2000

1500

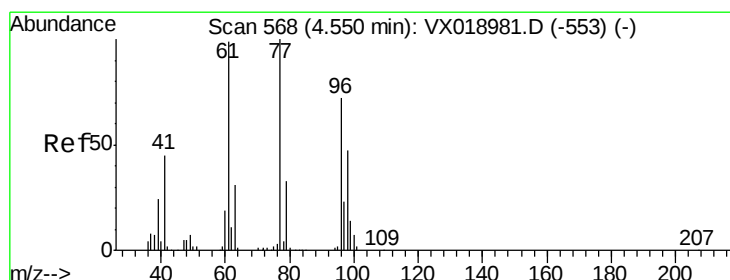
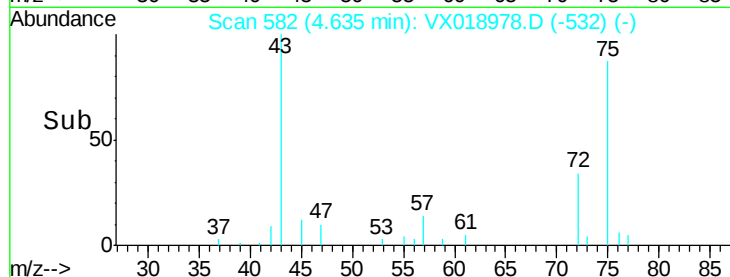
1000

500

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 0.973 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018978.D

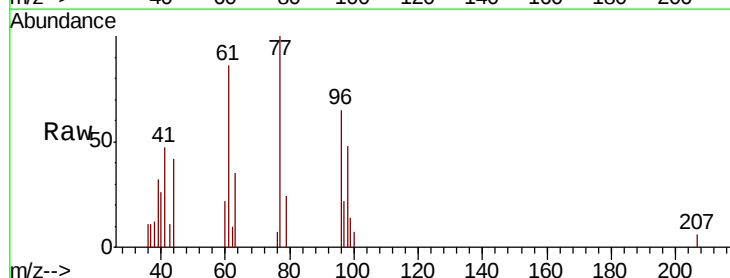
Acq: 20 Oct 2020 16:21

Tgt Ion: 77 Resp: 2937

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

1000

800

600

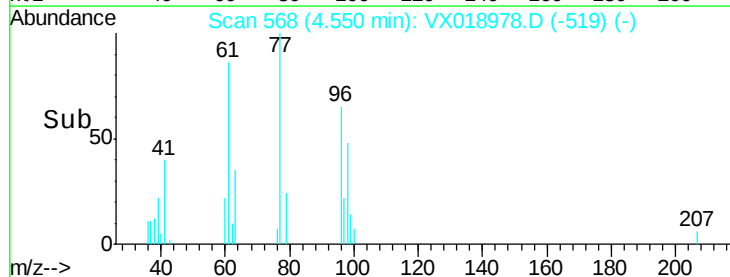
400

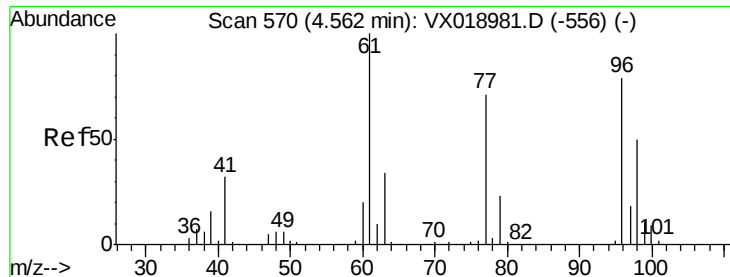
200

0

4.45 4.50 4.55 4.60 4.65

Time-->



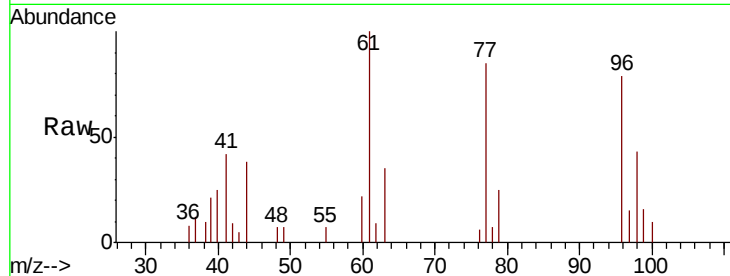


#27

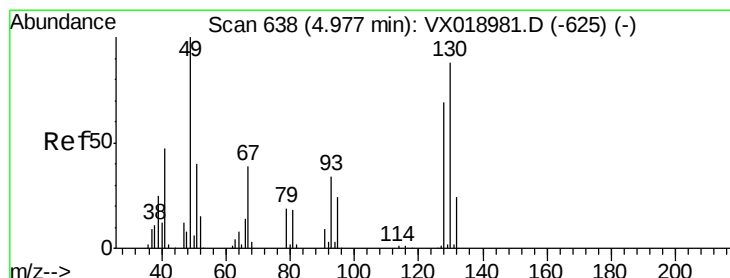
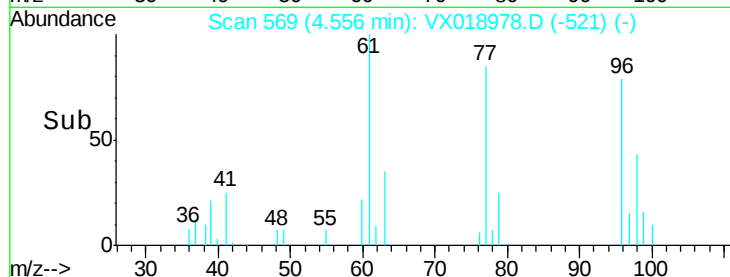
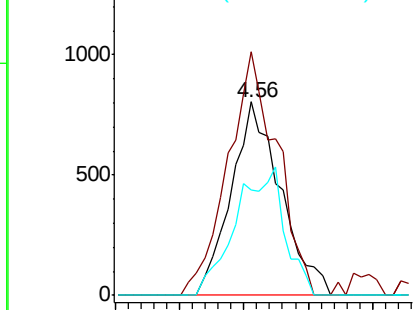
cis-1,2-Dichloroethene
Concen: 0.976 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 96 Resp: 2146
Ion Ratio Lower Upper
96 100
61 125.5 0.0 266.2
98 65.4 0.0 128.6



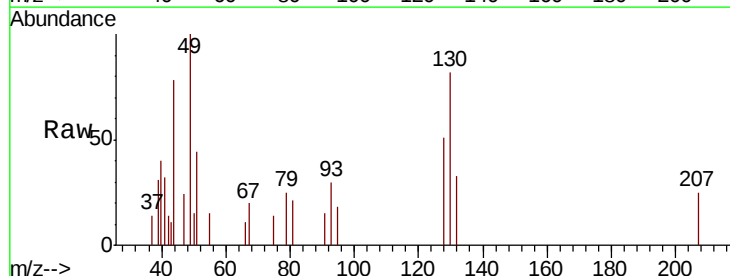
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



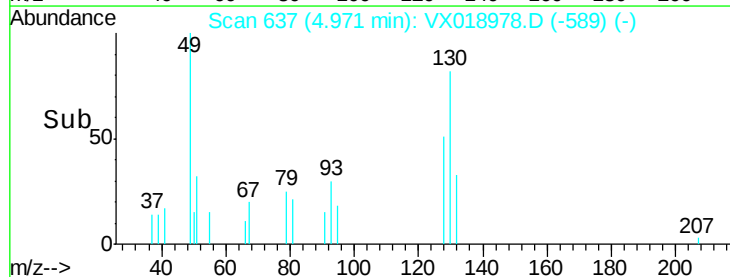
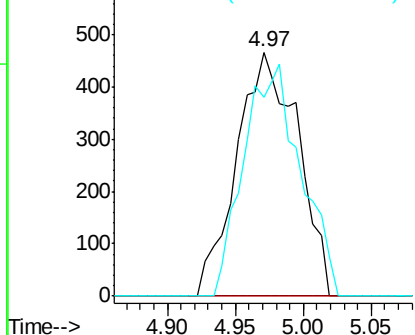
#28

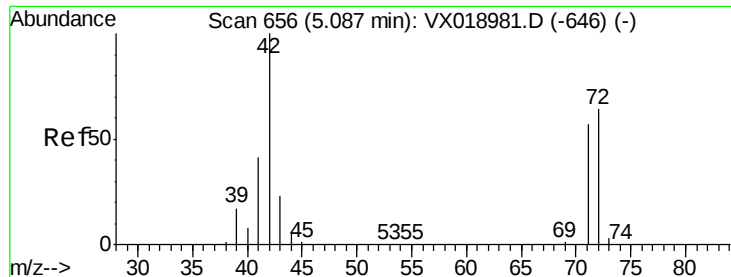
Bromochloromethane
Concen: 1.105 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 49 Resp: 1463
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 88.5 74.0 111.0



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

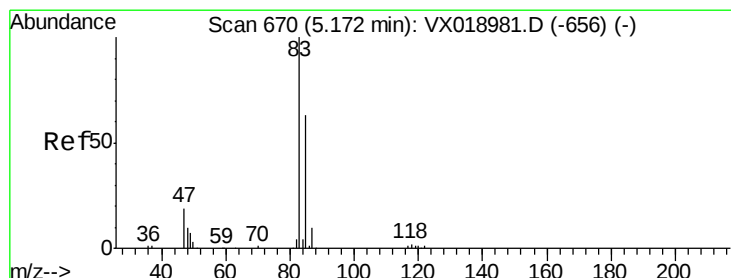
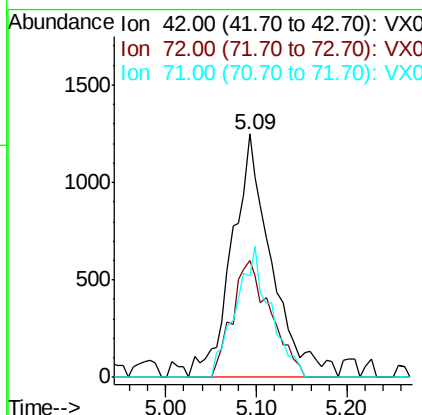
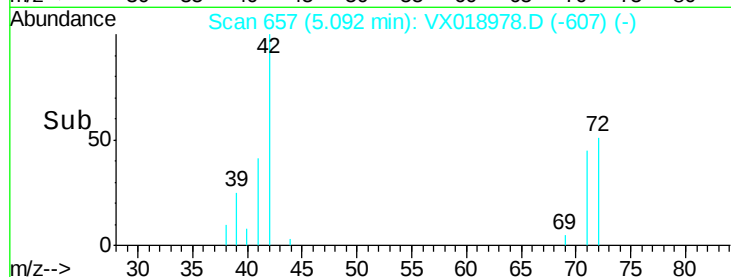
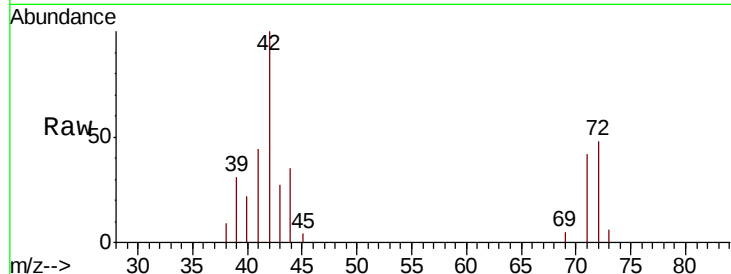




#29
Tetrahydrofuran
Concen: 5.429 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

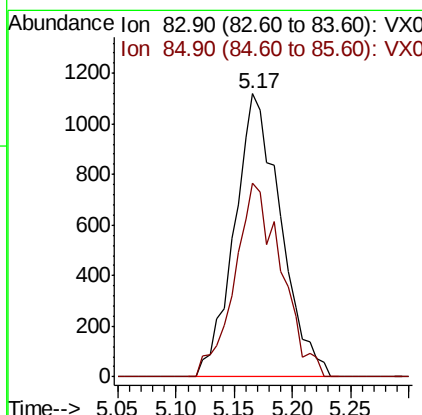
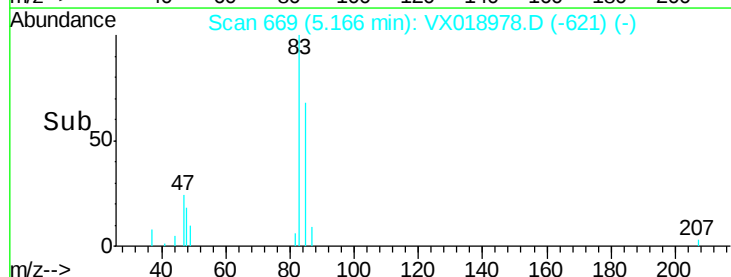
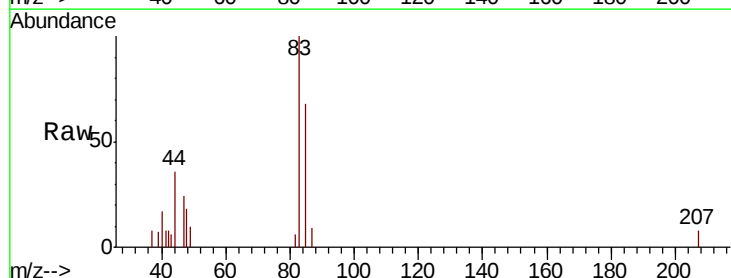
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

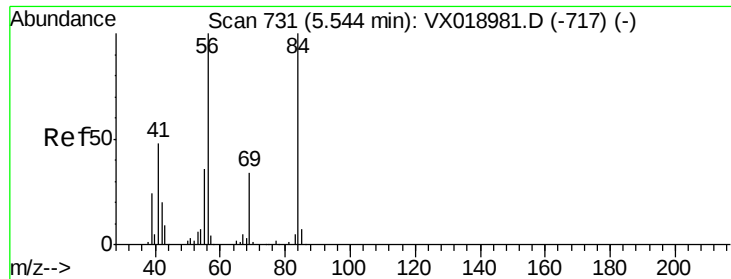
Tot Ion: 42 Resp: 3776
Ion Ratio Lower Upper
42 100
72 46.8 49.2 73.8#
71 47.1 45.3 67.9



#30
Chloroform
Concen: 0.886 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 83 Resp: 3084
Ion Ratio Lower Upper
83 100
85 68.3 50.1 75.1

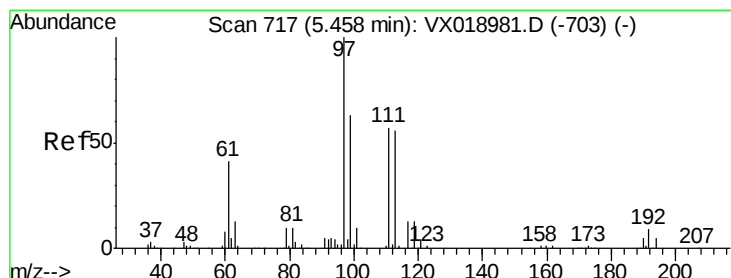
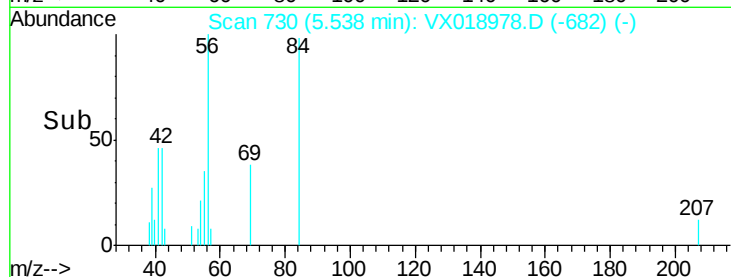
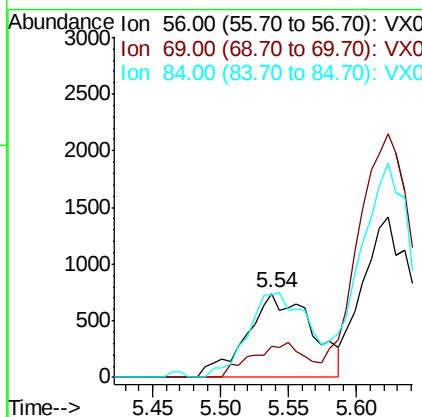
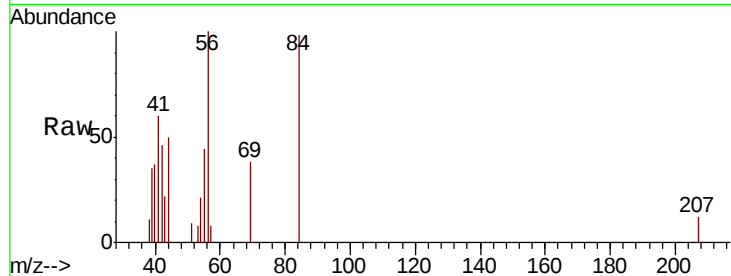




#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

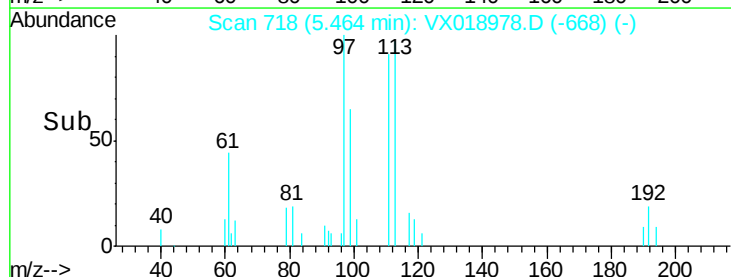
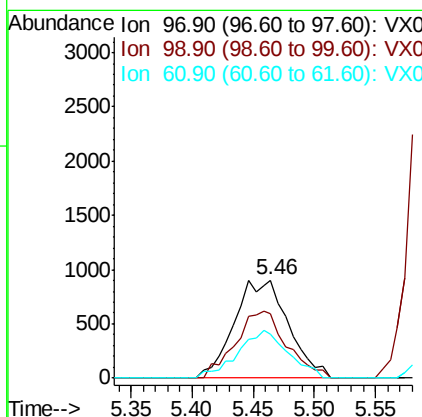
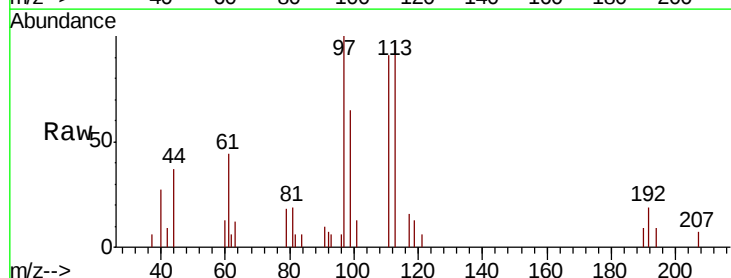
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

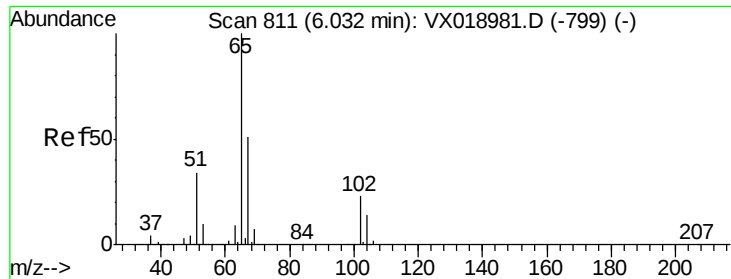
Tot Ion: 56 Resp: 2466
Ion Ratio Lower Upper
56 100
69 37.9 27.1 40.7
84 98.2 80.4 120.6



#32
1,1,1-Trichloroethane
Concen: 0.886 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 97 Resp: 2772
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 45.5 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 1.610 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

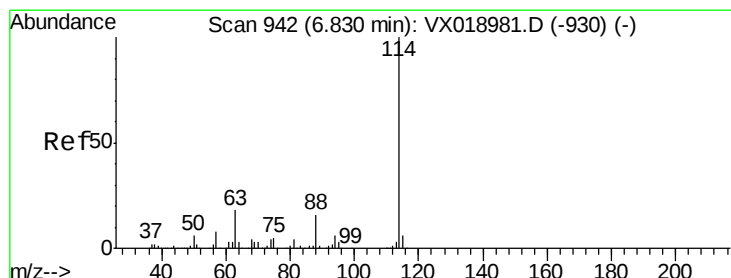
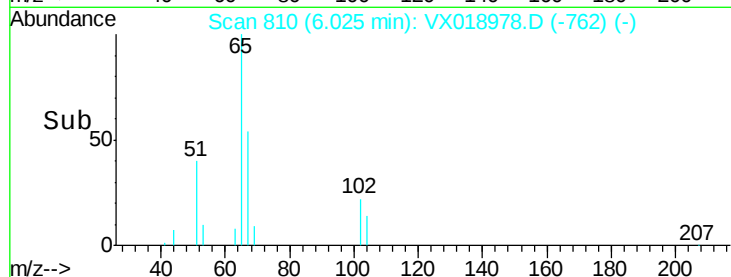
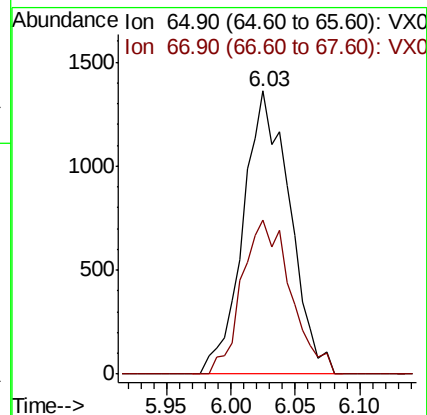
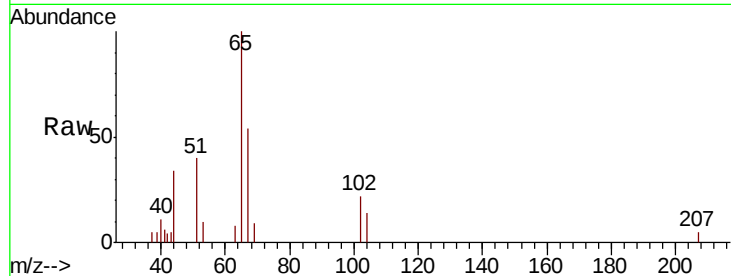
VSTDIC001

Tot Ion: 65 Resp: 3426

Ion Ratio Lower Upper

65 100

67 56.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

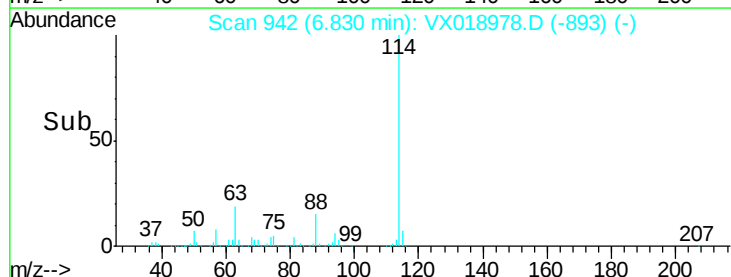
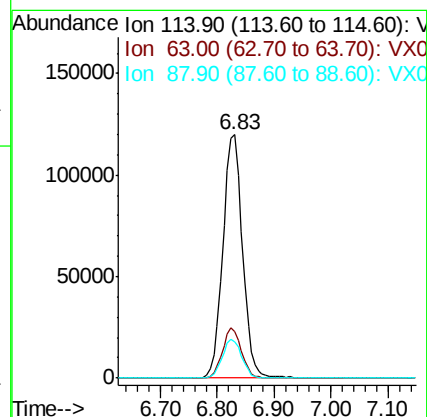
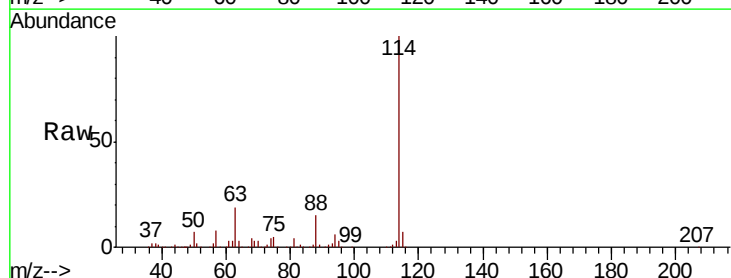
Tgt Ion: 114 Resp: 287130

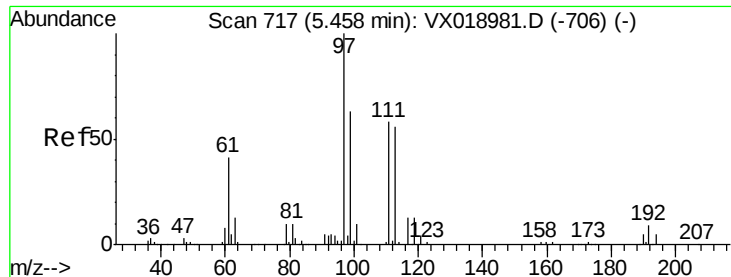
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 1.192 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

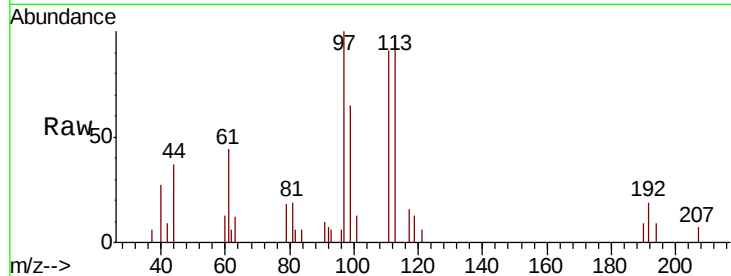
Tot Ion:113 Resp: 2206

Ion Ratio Lower Upper

113 100

111 105.4 84.1 126.1

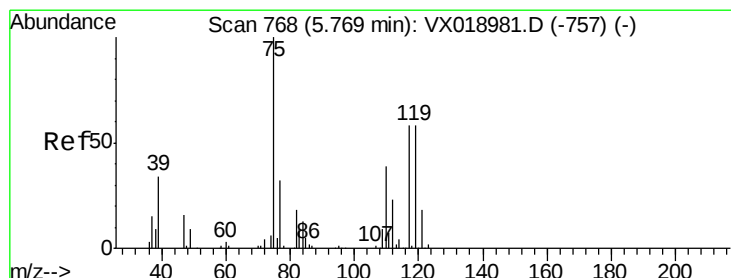
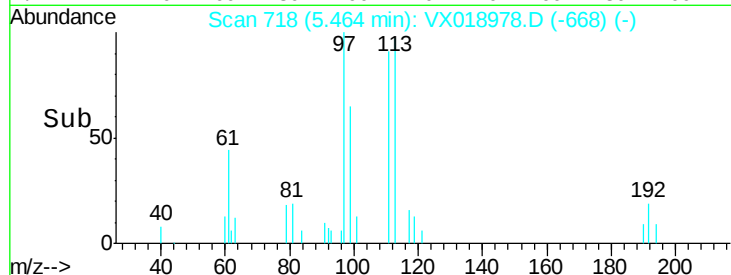
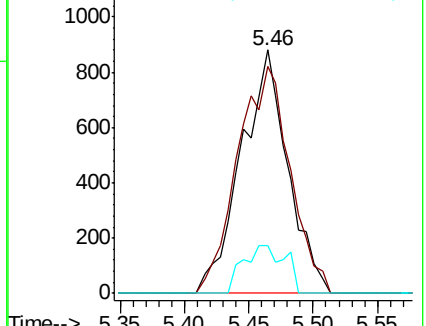
192 17.7 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.996 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

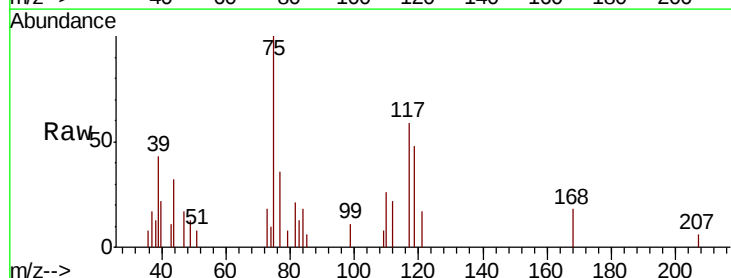
Tgt Ion: 75 Resp: 2694

Ion Ratio Lower Upper

75 100

110 31.4 18.6 55.6

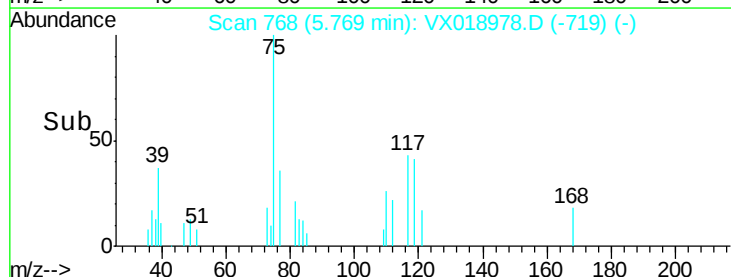
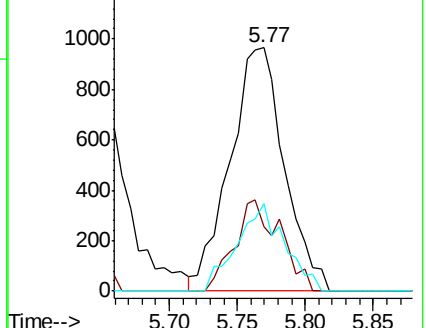
77 31.4 25.0 37.4

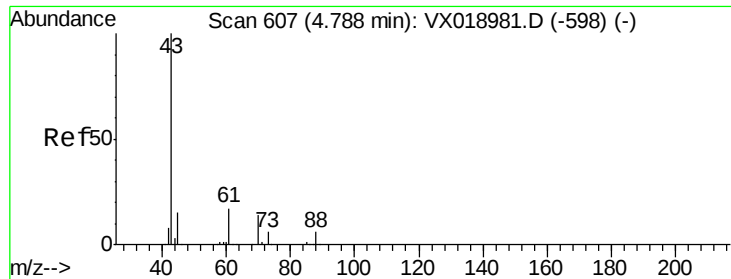


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

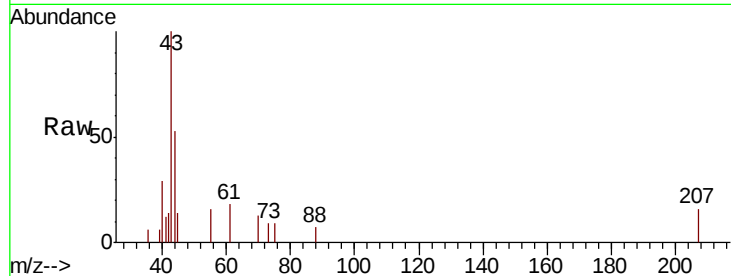




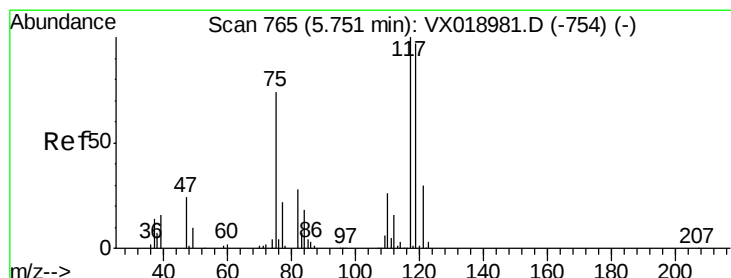
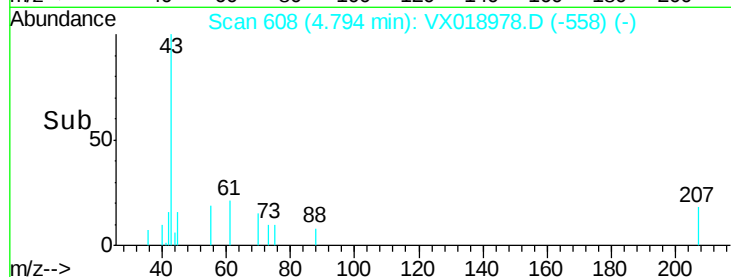
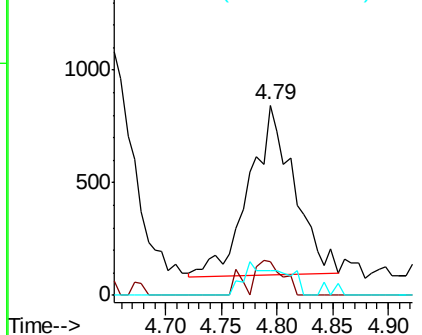
#37
Ethyl Acetate
Concen: 0.921 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
61 12.3 13.5 20.3#
70 17.3 11.4 17.2#

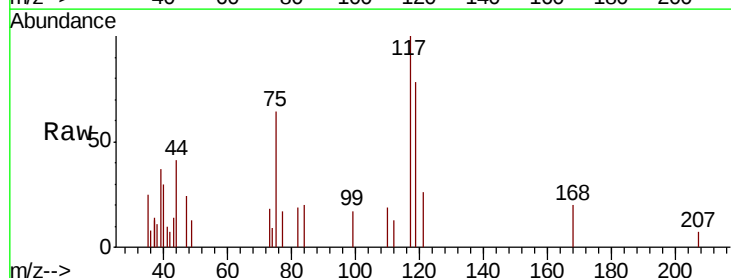


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

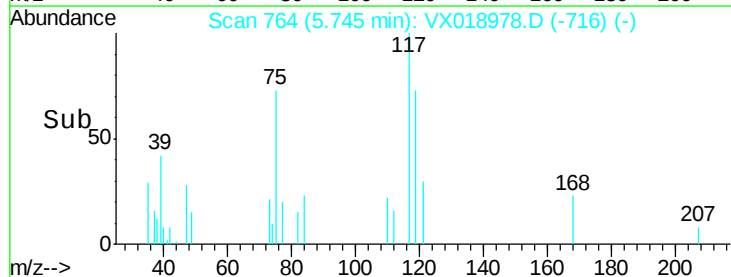
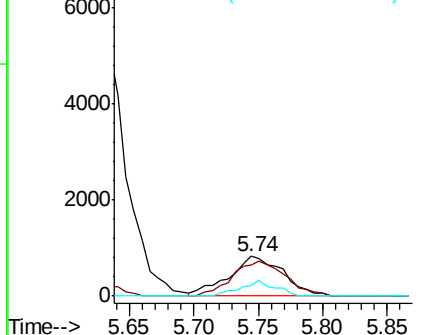


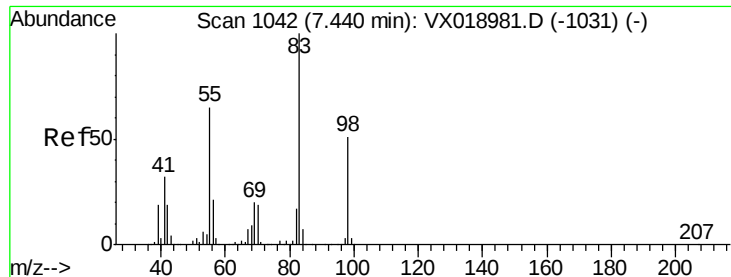
#38
Carbon Tetrachloride
Concen: 0.865 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 117 Resp: 2413
Ion Ratio Lower Upper
117 100
119 77.6 77.6 116.4#
121 25.9 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

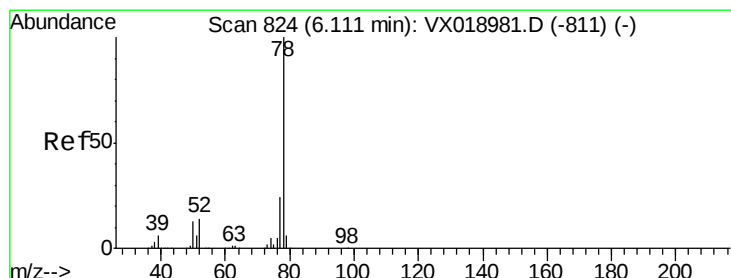
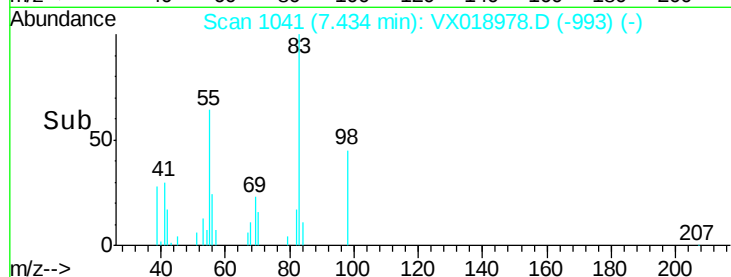
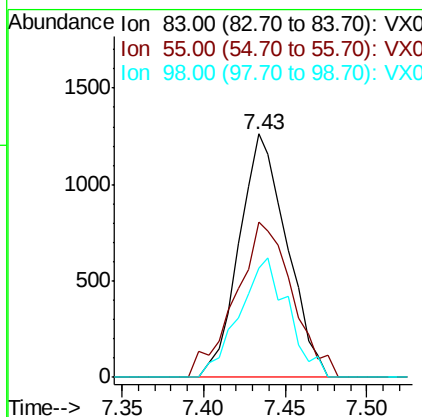
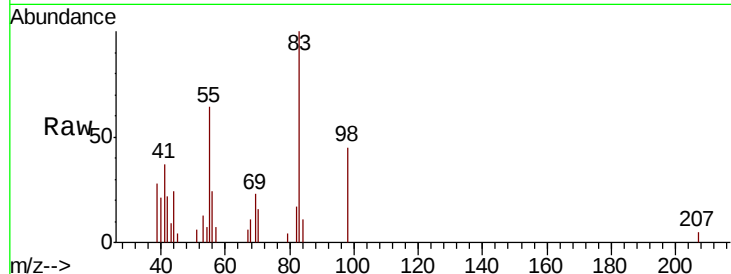




#39
Methvlcvclohexane
Concen: 0.866 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

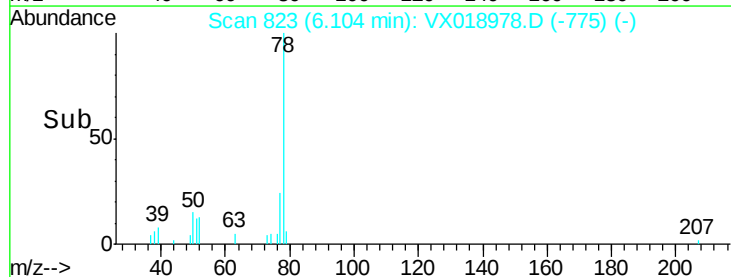
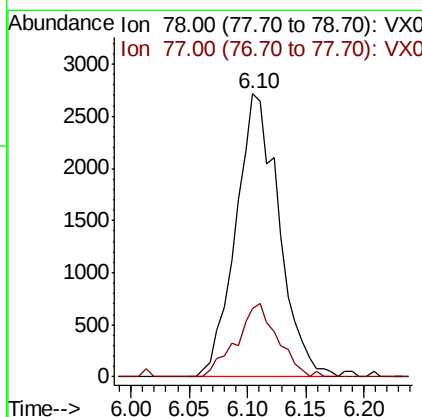
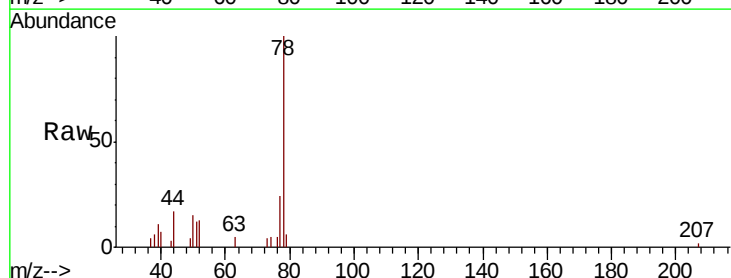
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

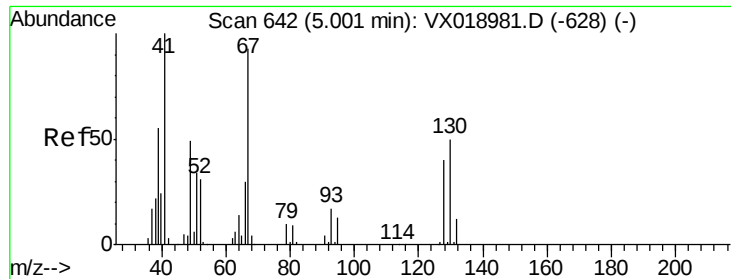
Tot Ion: 83 Resp: 2560
Ion Ratio Lower Upper
83 100
55 63.7 52.2 78.4
98 44.7 40.8 61.2



#40
Benzene
Concen: 0.892 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 78 Resp: 7019
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3





#41

Methacrylonitrile

Concen: 0.915 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 41 Resp: 1168

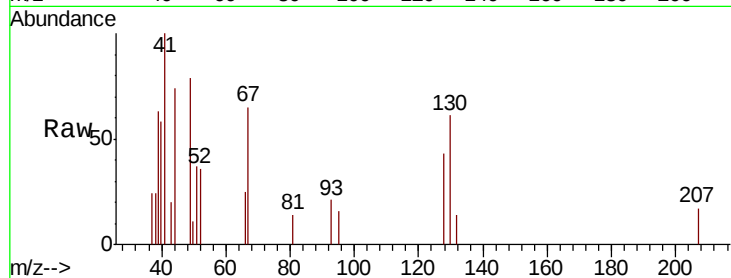
Ion Ratio Lower Upper

41 100

39 89.9 44.3 66.5#

67 94.9 74.7 112.1

52 43.8 27.4 41.2#

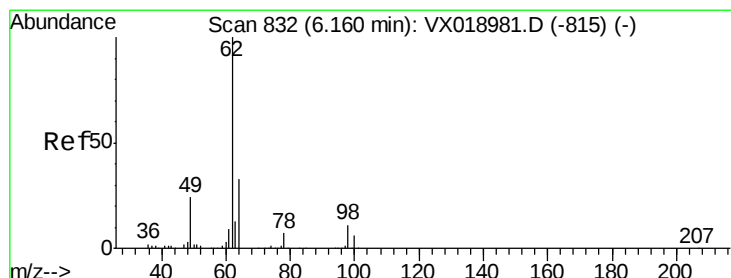
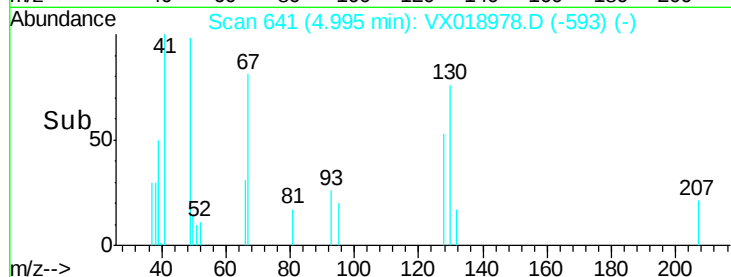
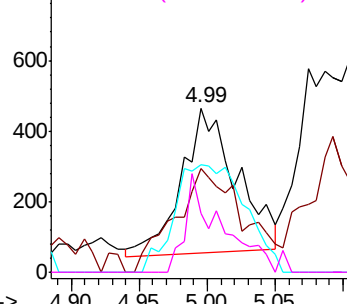


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.869 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018978.D

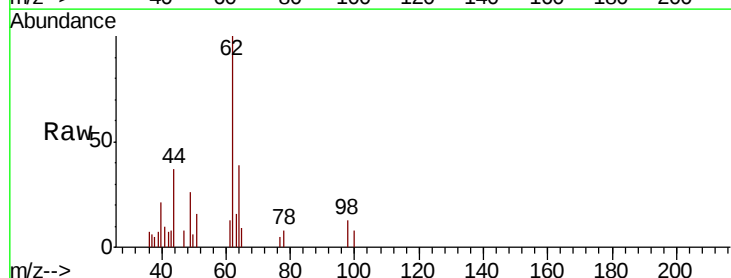
Acq: 20 Oct 2020 16:21

Tgt Ion: 62 Resp: 2361

Ion Ratio Lower Upper

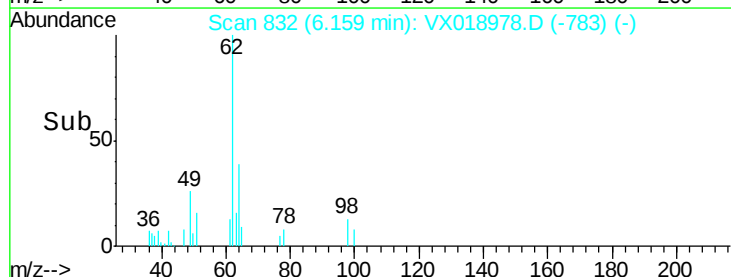
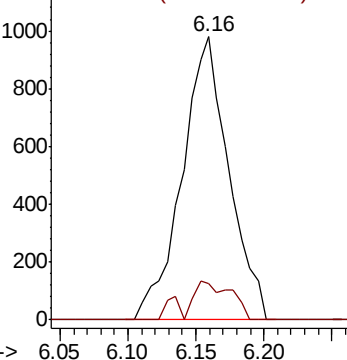
62 100

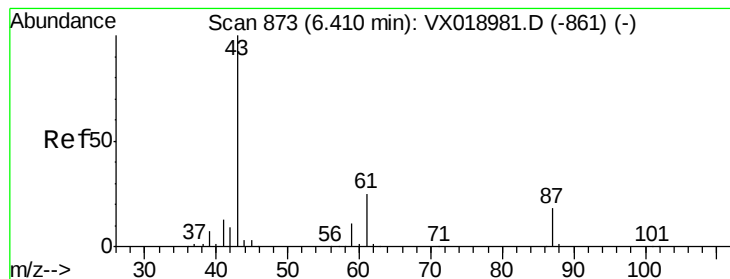
98 10.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.863 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

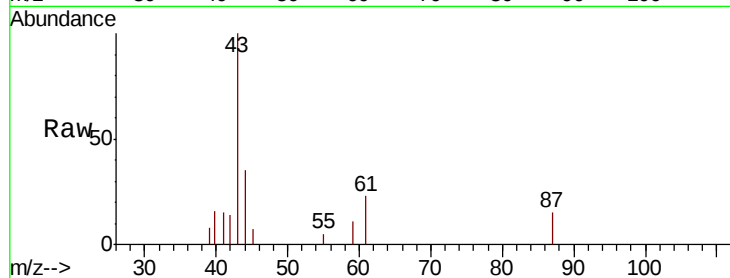
Tot Ion: 43 Resp: 3499

Ion Ratio Lower Upper

43 100

61 25.1 19.3 28.9

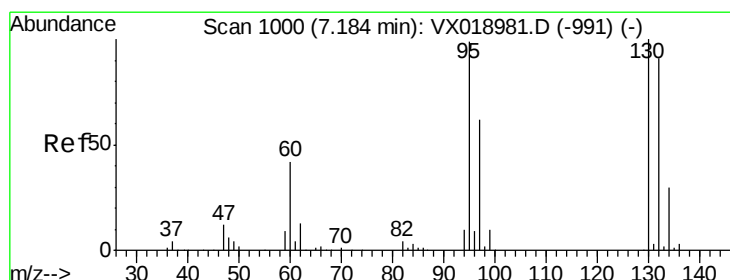
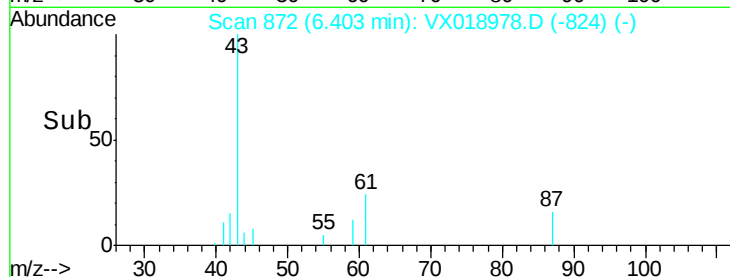
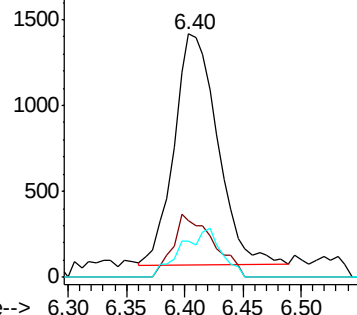
87 0.0 14.3 21.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.885 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018978.D

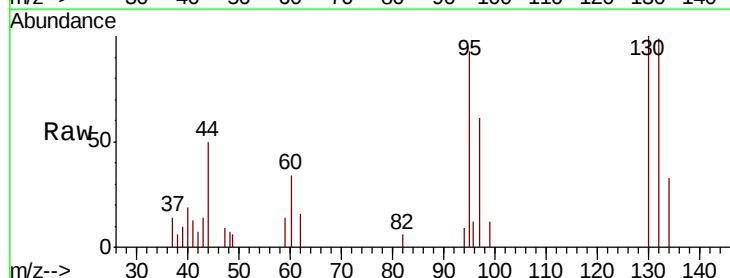
Acq: 20 Oct 2020 16:21

Tgt Ion:130 Resp: 1956

Ion Ratio Lower Upper

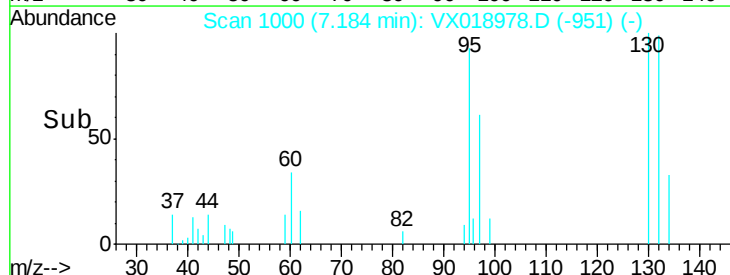
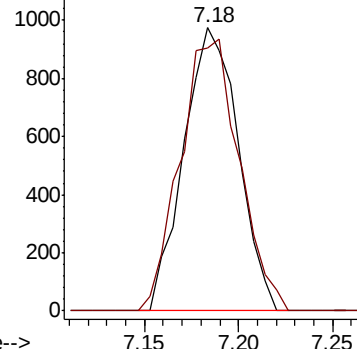
130 100

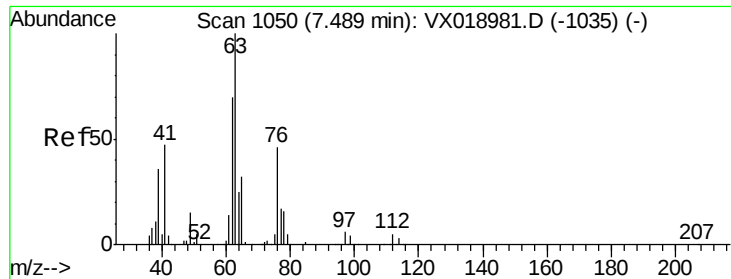
95 92.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.957 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

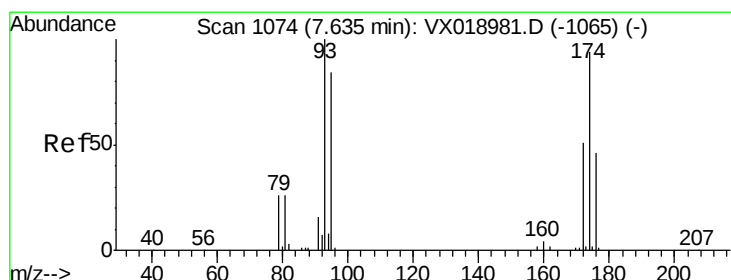
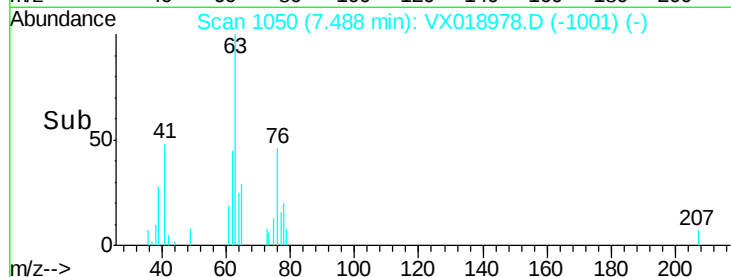
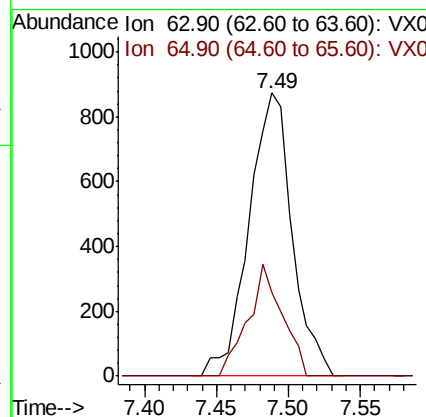
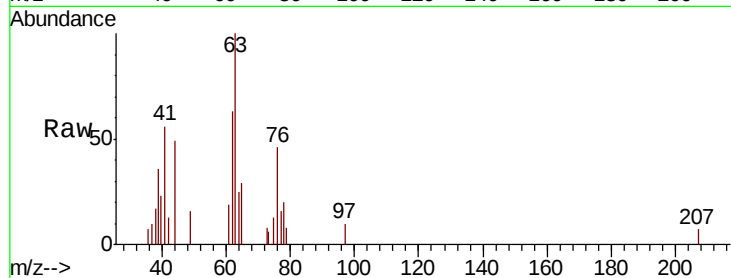
VSTDIC001

Tot Ion: 63 Resp: 1812

Ion Ratio Lower Upper

63 100

65 29.4 25.8 38.6



#46

Dibromomethane

Concen: 0.928 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

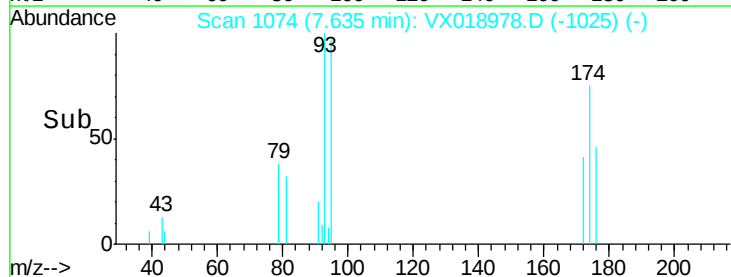
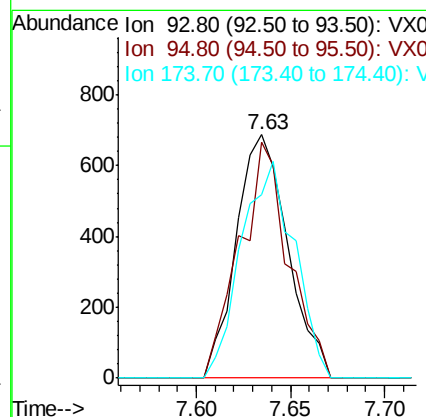
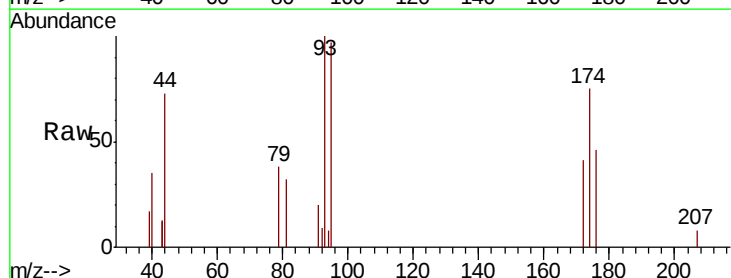
Tgt Ion: 93 Resp: 1307

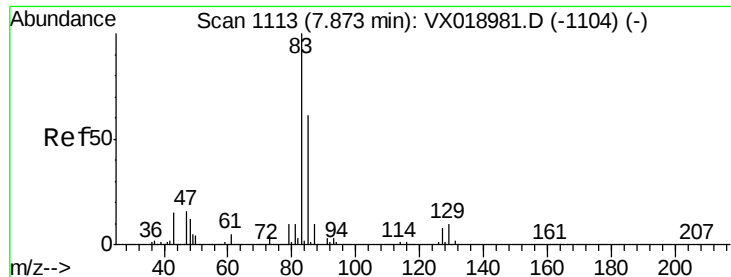
Ion Ratio Lower Upper

93 100

95 92.0 66.2 99.4

174 91.2 74.5 111.7





#47

Bromodichloromethane

Concen: 0.873 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

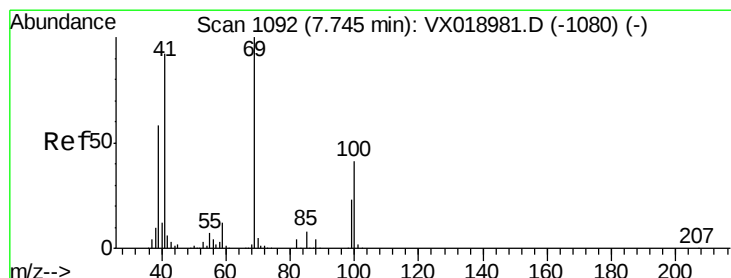
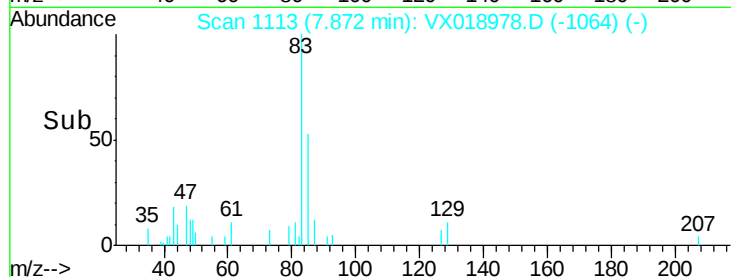
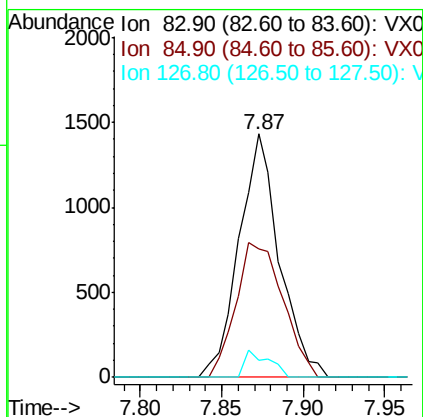
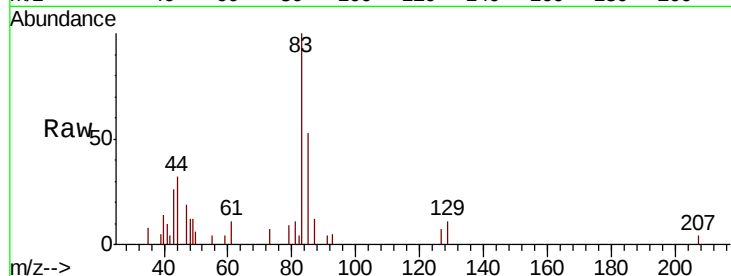
Tot Ion: 83 Resp: 2469

Ion Ratio Lower Upper

83 100

85 53.0 48.6 73.0

127 7.2 6.3 9.5



#48

Methyl methacrylate

Concen: 1.101 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

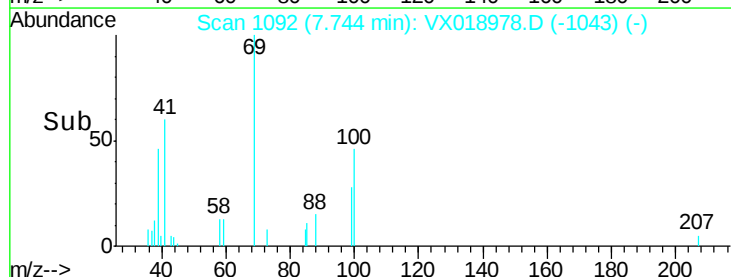
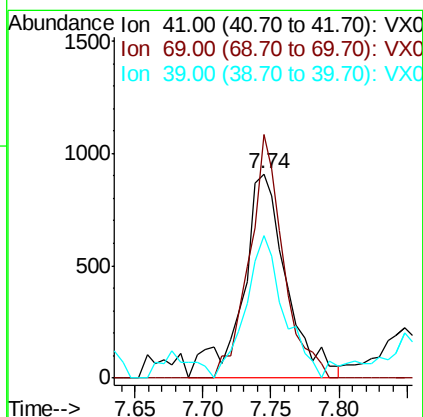
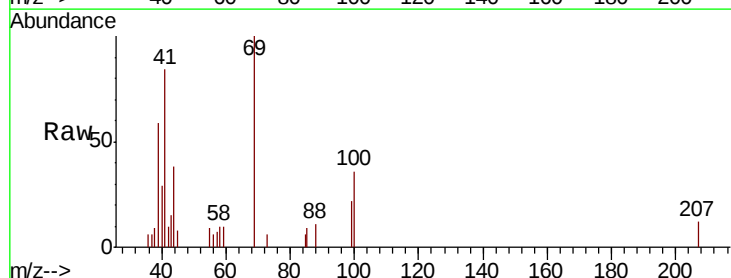
Tgt Ion: 41 Resp: 2054

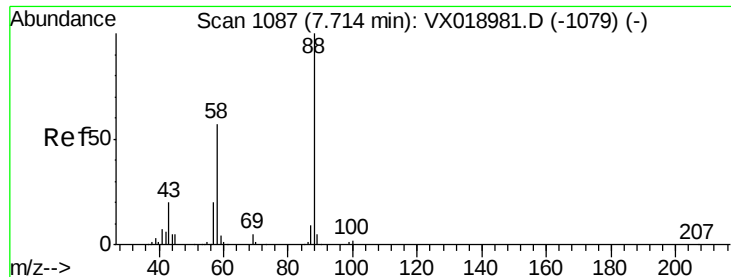
Ion Ratio Lower Upper

41 100

69 92.5 88.0 132.0

39 60.5 49.9 74.9

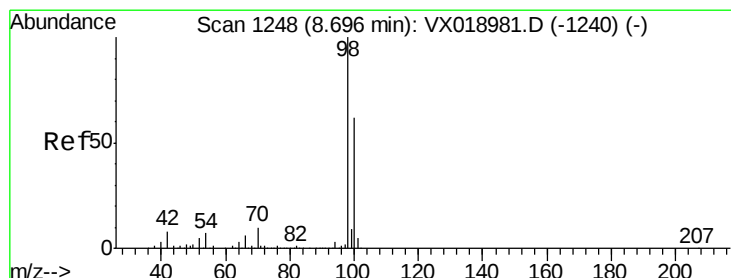
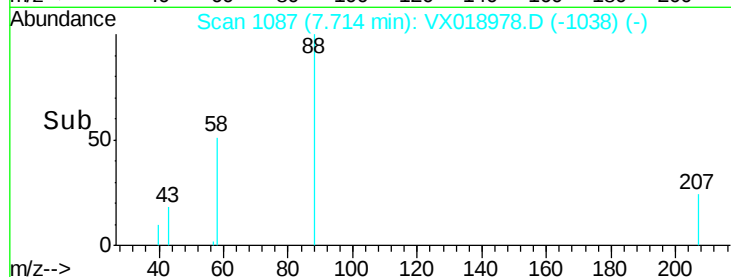
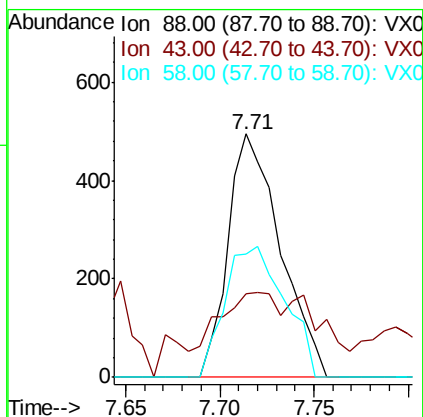
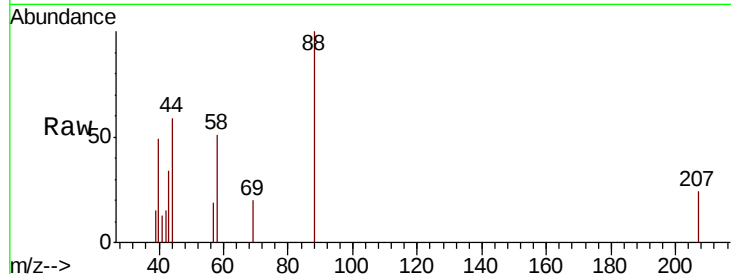




#49
 1,4-Dioxane
 Concen: 20.343 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

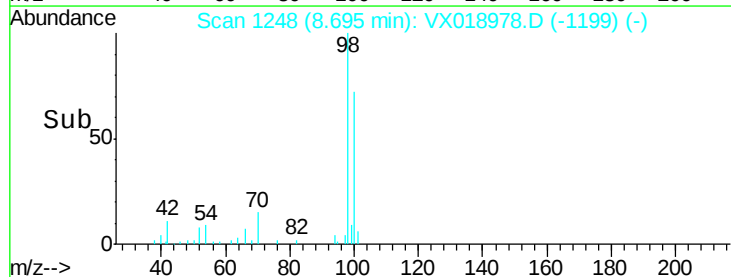
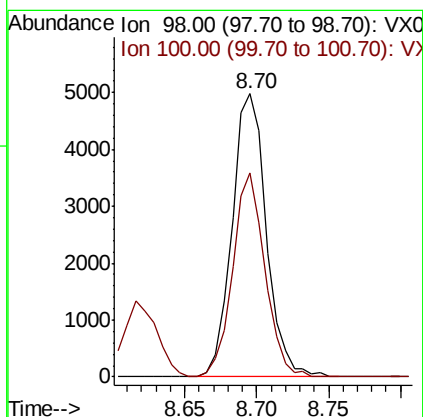
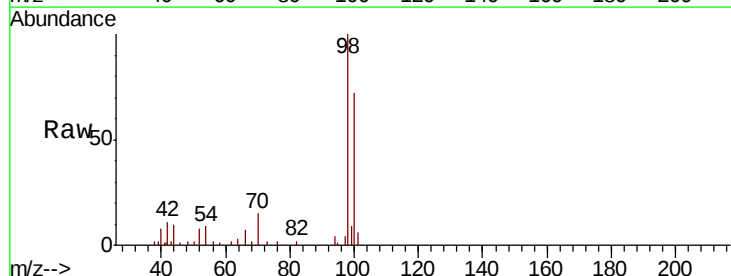
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

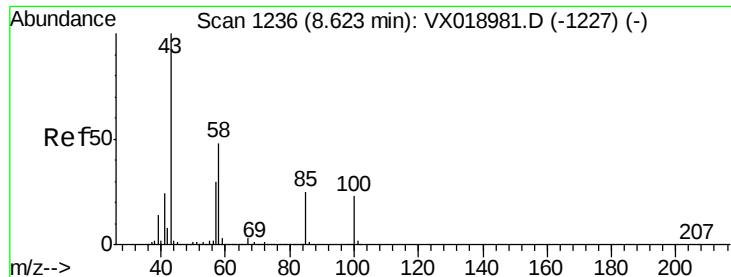
Tot Ion: 88 Resp: 953
 Ion Ratio Lower Upper
 88 100
 43 25.9 20.4 30.6
 58 61.2 49.3 73.9



#50
 Toluene-d8
 Concen: 1.139 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 98 Resp: 8265
 Ion Ratio Lower Upper
 98 100
 100 67.6 52.6 78.8

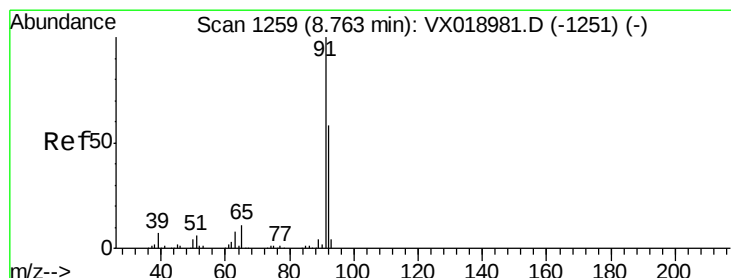
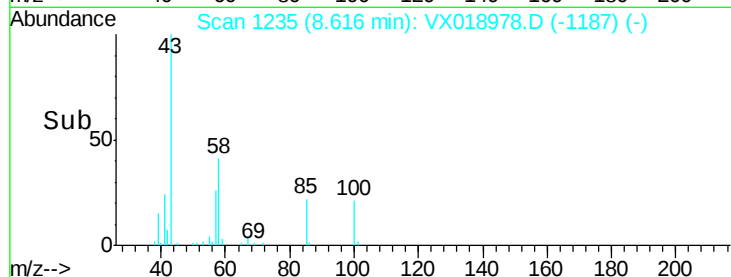
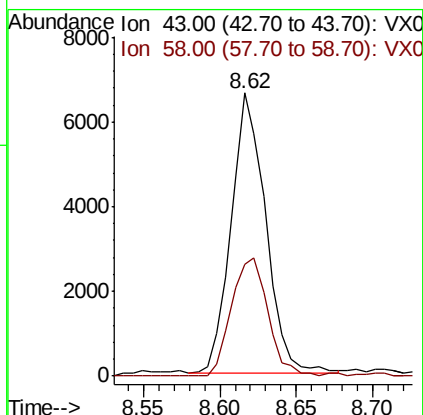
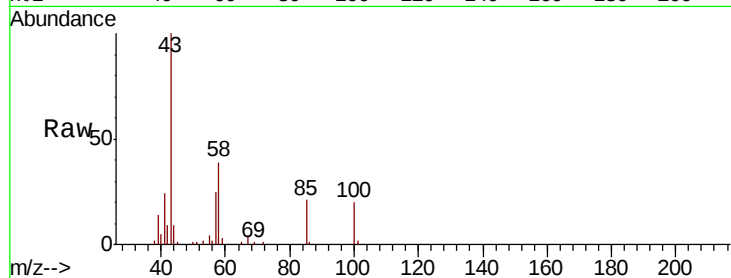




#51
 4-Methyl-2-Pentanone
 Concen: 4.354 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

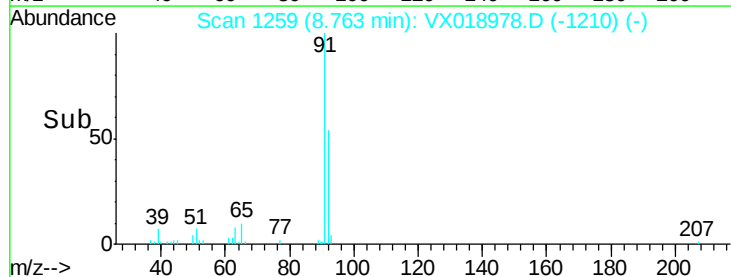
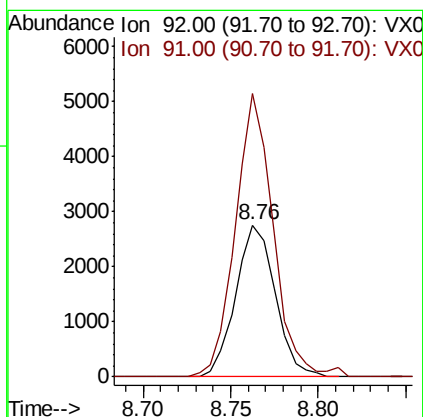
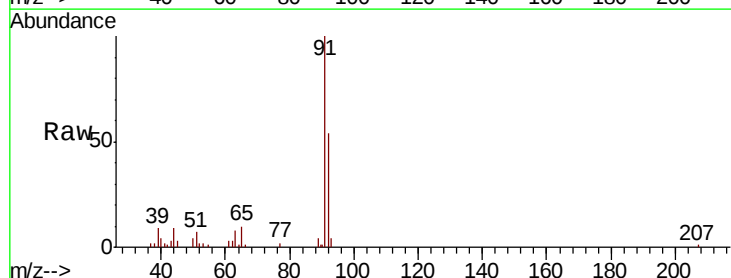
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

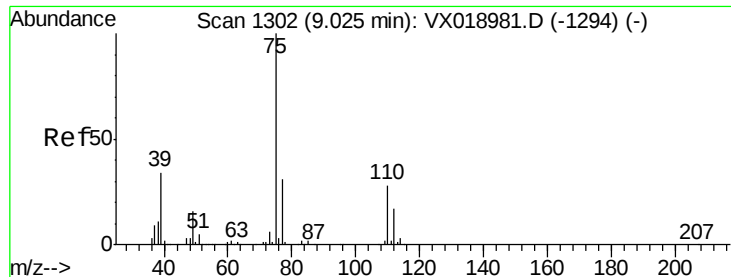
Tot Ion: 43 Resp: 10330
 Ion Ratio Lower Upper
 43 100
 58 44.3 37.8 56.8



#52
 Toluene
 Concen: 0.844 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 92 Resp: 4342
 Ion Ratio Lower Upper
 92 100
 91 178.4 136.5 204.7

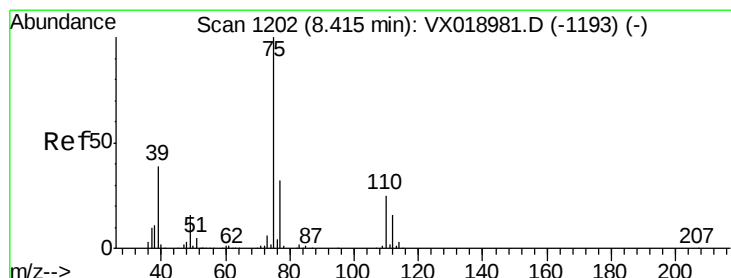
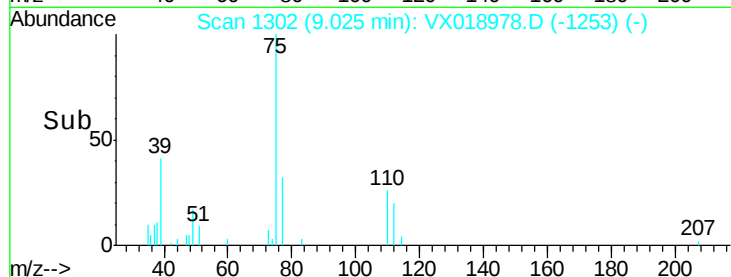
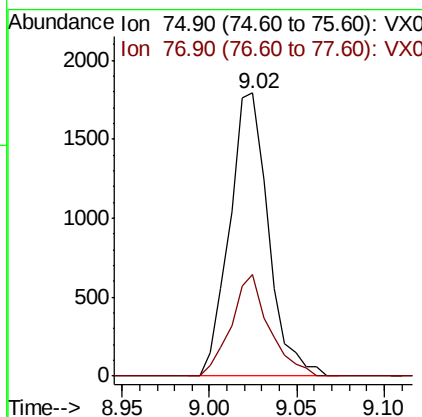
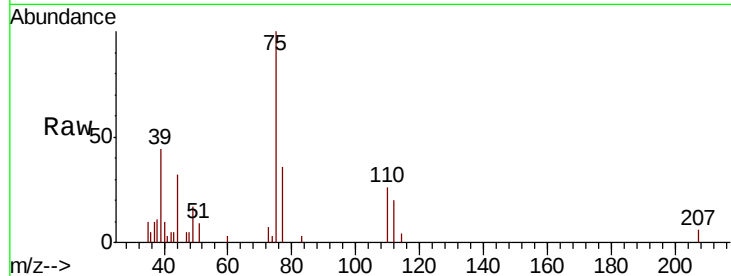




#53
 t-1,3-Dichloropropene
 Concen: 0.866 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

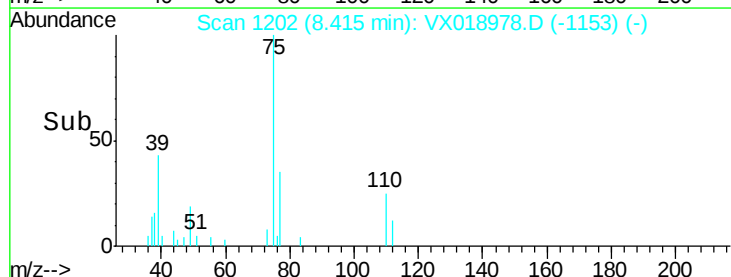
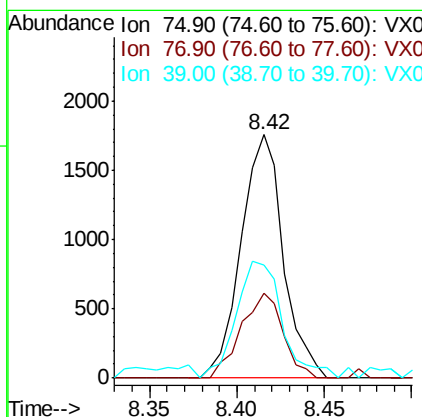
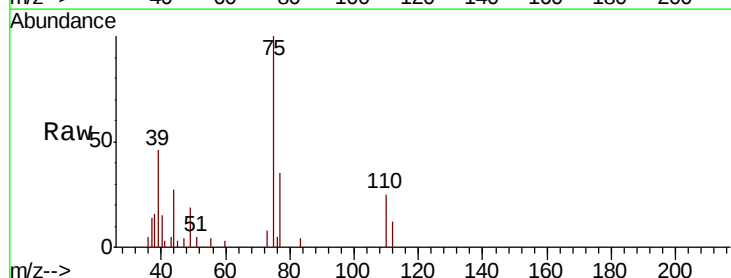
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

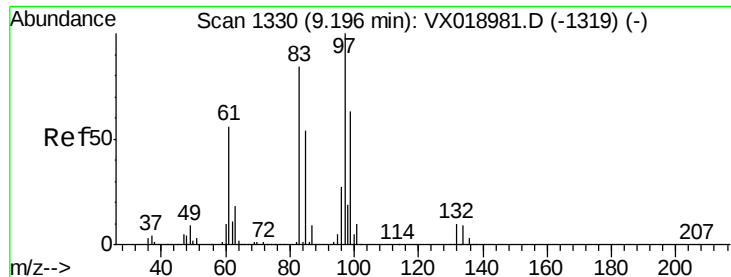
Tot Ion: 75 Resp: 2768
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 0.873 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 75 Resp: 2945
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.0
 39 46.2 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 0.870 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 1793

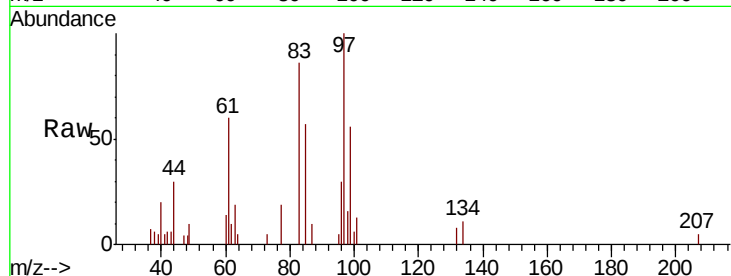
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.4	101.0
85	56.9	43.1	64.7
99	55.7	50.5	75.7

97 100

83 86.0 67.4 101.0

85 56.9 43.1 64.7

99 55.7 50.5 75.7



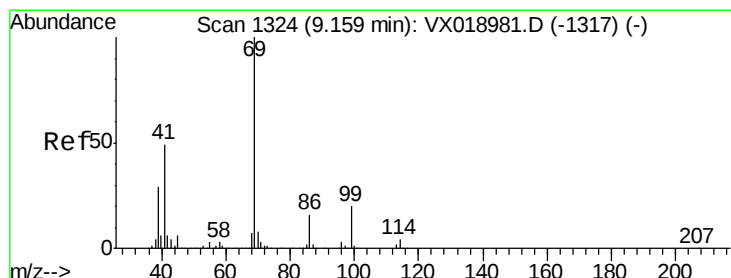
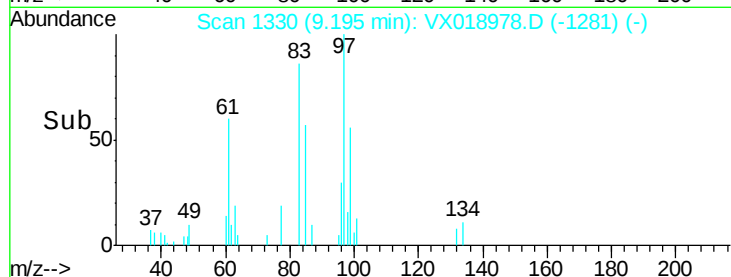
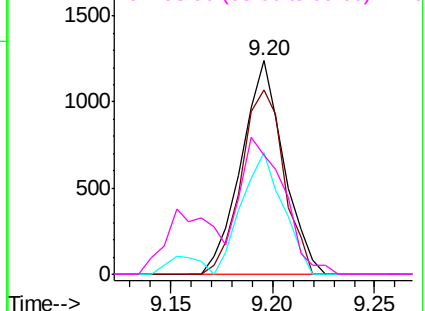
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.831 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

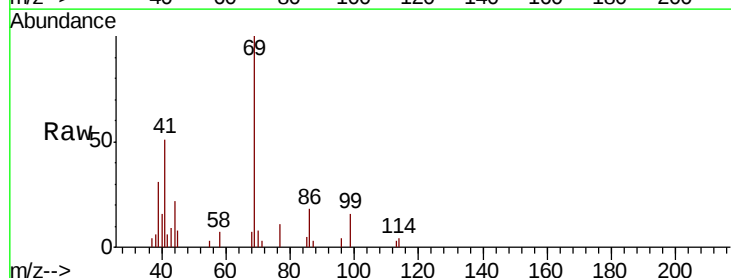
Tgt Ion: 69 Resp: 2567

Ion	Ratio	Lower	Upper
69	100		
41	65.6	39.8	59.6#
39	30.6	23.8	35.6

69 100

41 65.6 39.8 59.6#

39 30.6 23.8 35.6

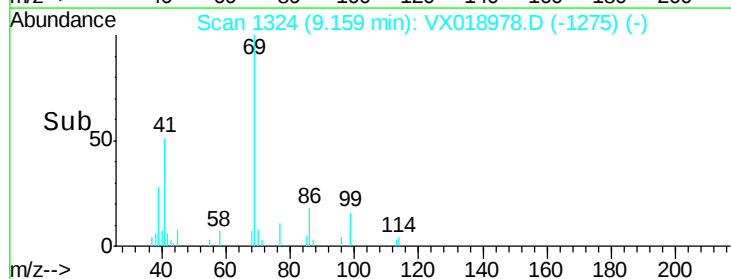
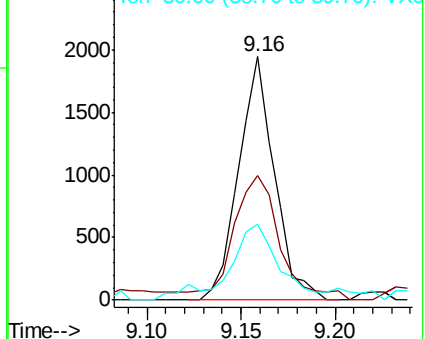


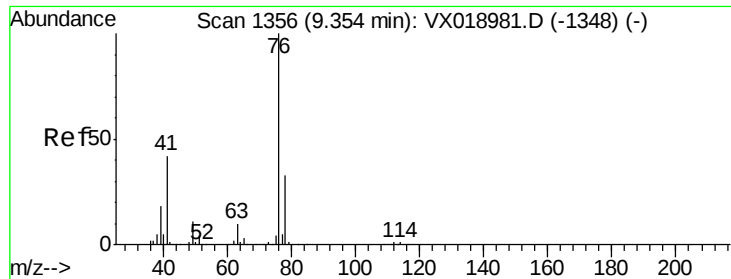
Abundance

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

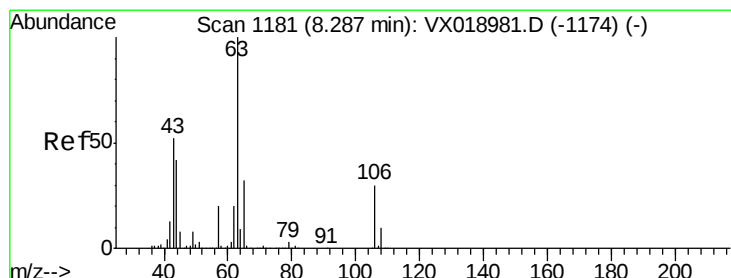
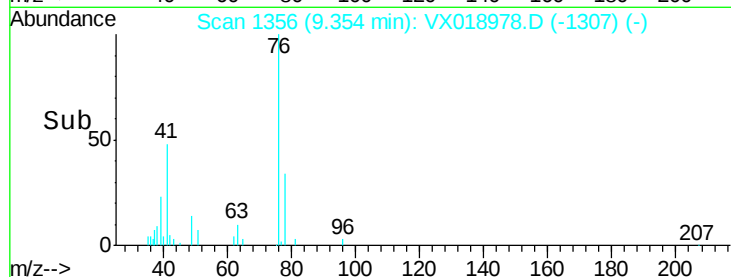
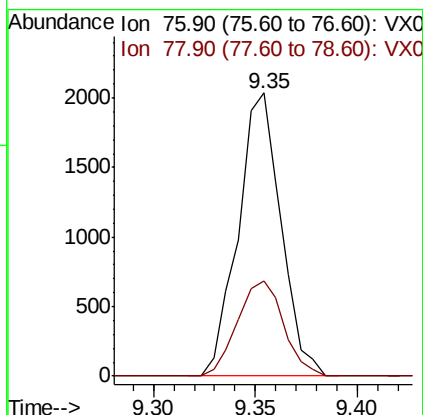
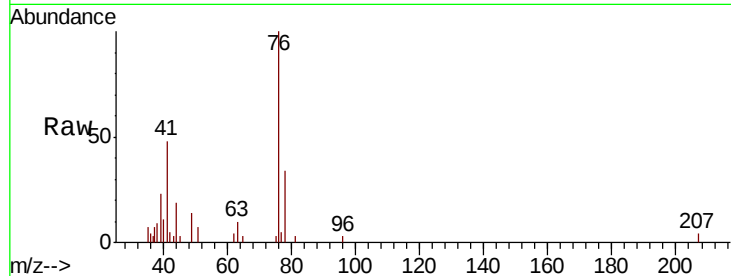




#57
 1,3-Dichloropropane
 Concen: 0.874 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

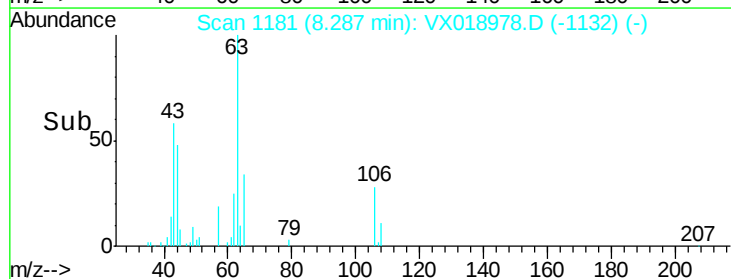
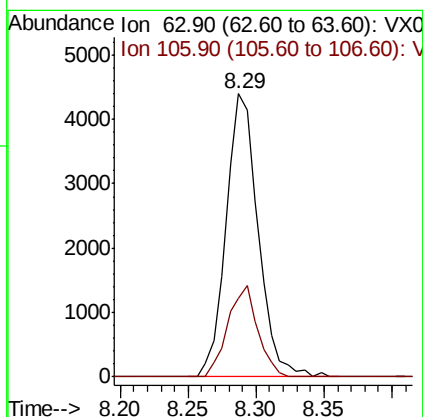
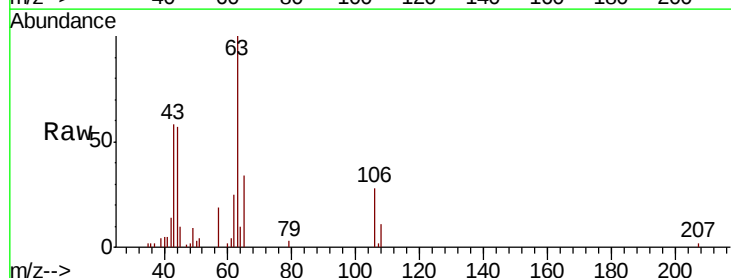
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

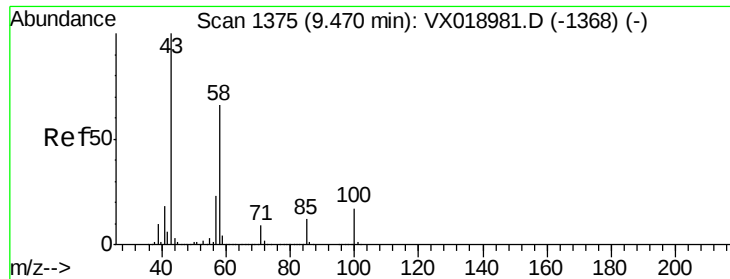
Tot Ion: 76 Resp: 2970
 Ion Ratio Lower Upper
 76 100
 78 36.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.602 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 63 Resp: 7204
 Ion Ratio Lower Upper
 63 100
 106 29.9 25.0 37.4

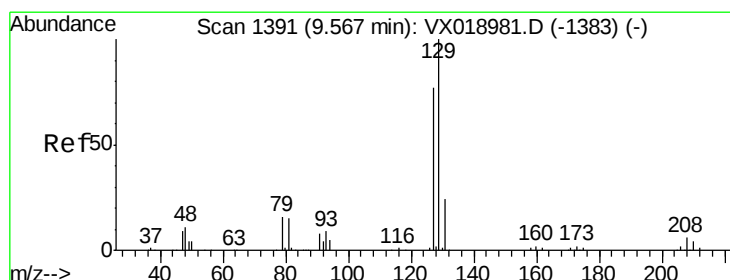
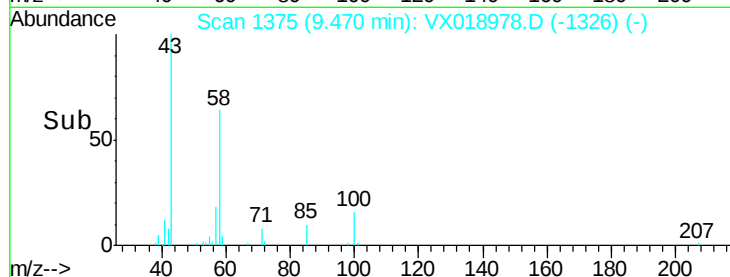
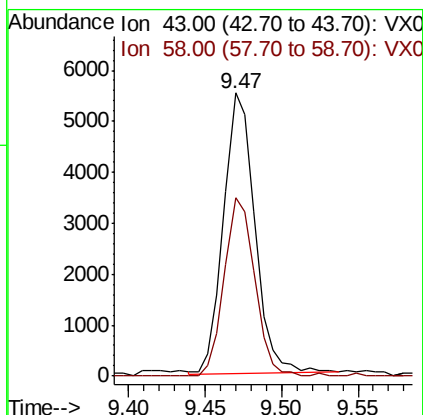
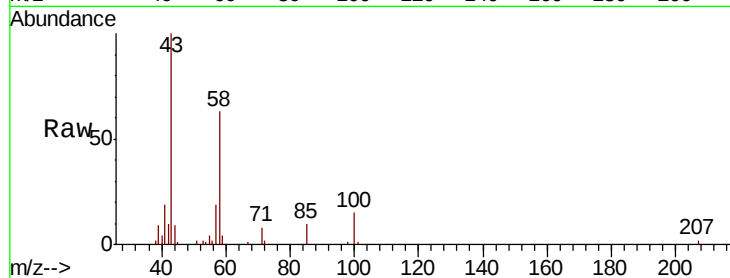




#59
2-Hexanone
Concen: 4.284 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

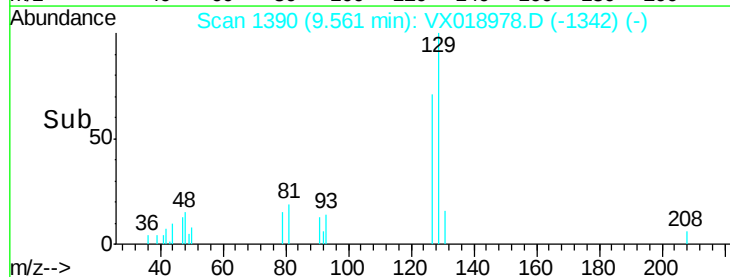
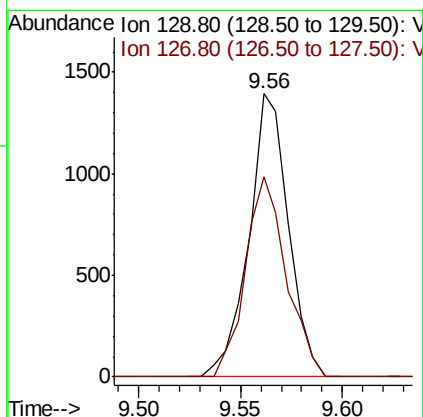
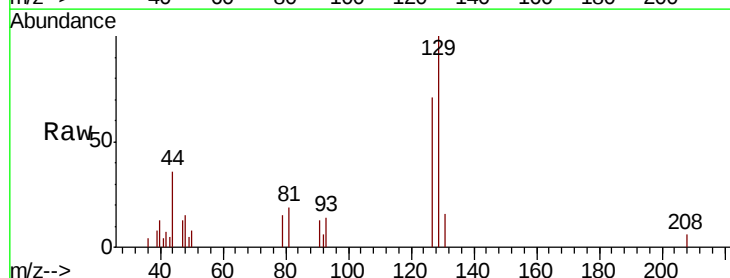
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

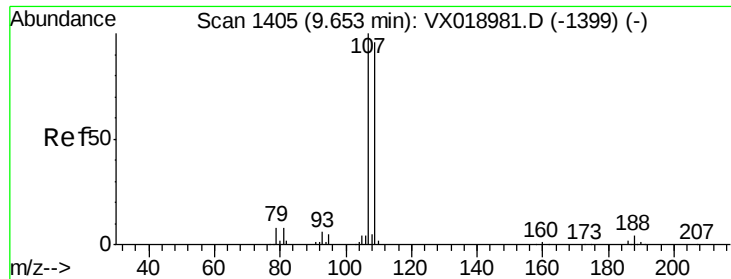
Tot Ion: 43 Resp: 7868
Ion Ratio Lower Upper
43 100
58 61.4 33.0 99.0



#60
Dibromochloromethane
Concen: 0.813 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 129 Resp: 1879
Ion Ratio Lower Upper
129 100
127 72.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.874 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

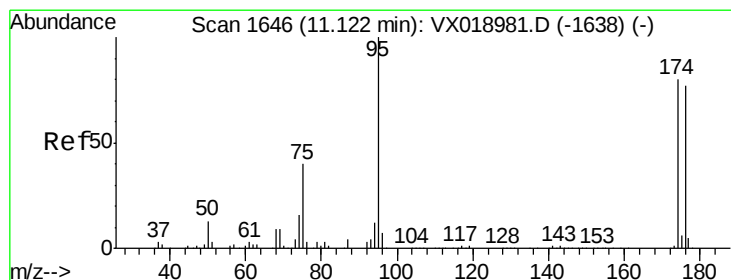
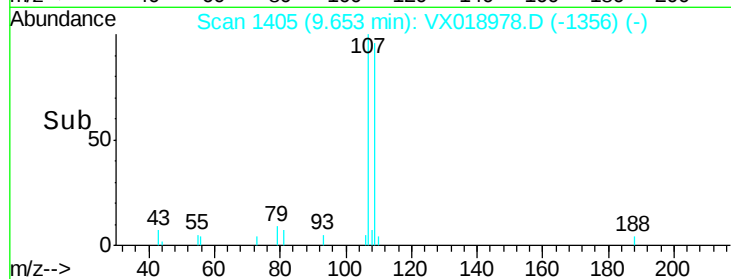
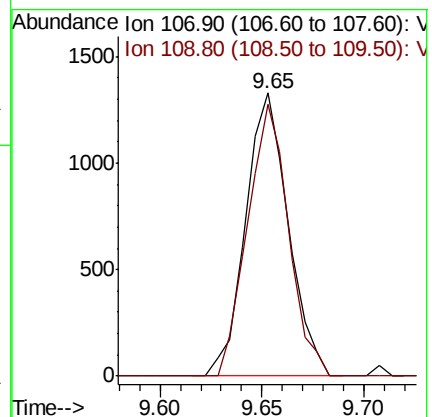
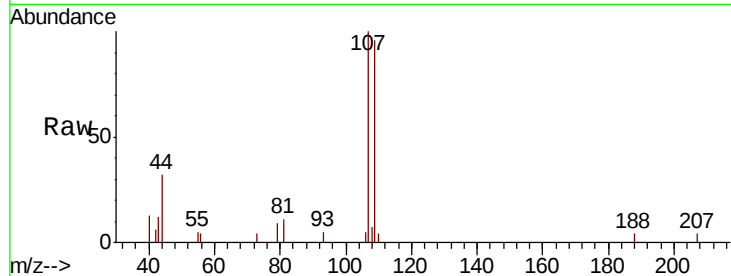
VSTDIC001

Tot Ion:107 Resp: 1930

Ion Ratio Lower Upper

107 100

109 92.2 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 1.203 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

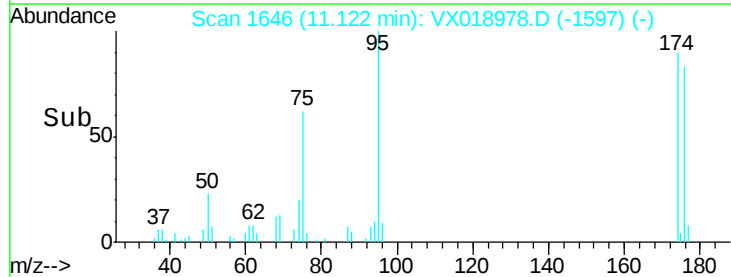
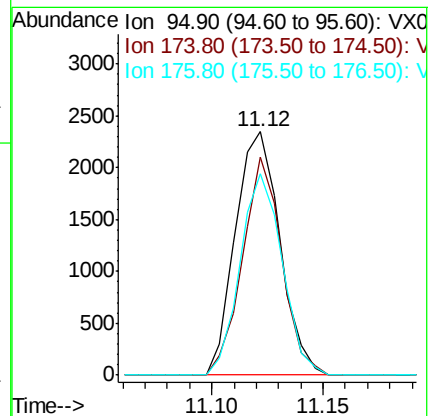
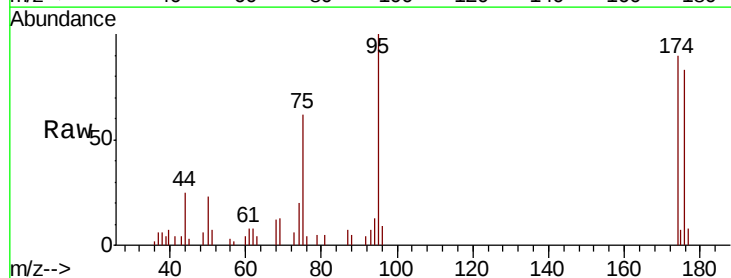
Tgt Ion: 95 Resp: 3267

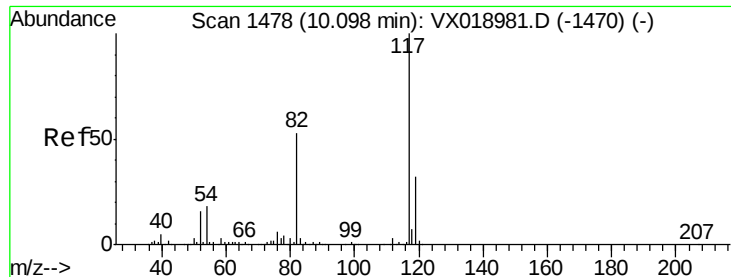
Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.8

176 78.1 0.0 152.8

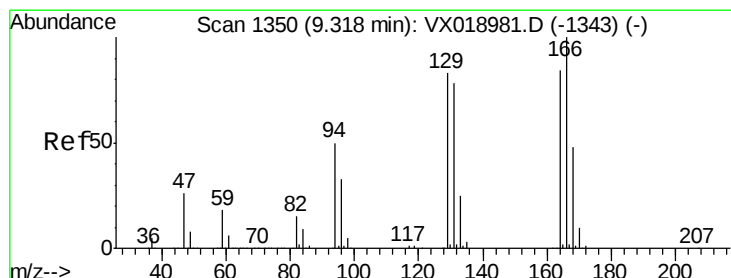
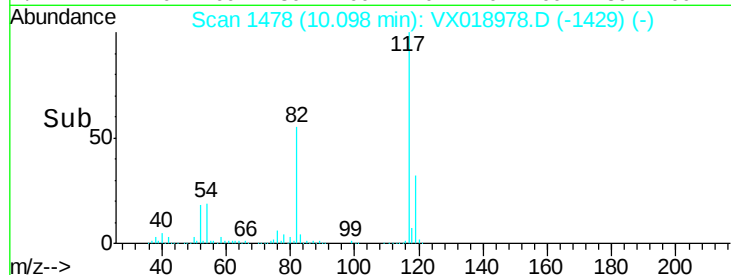
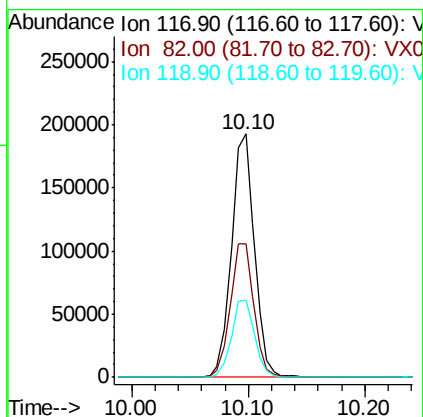
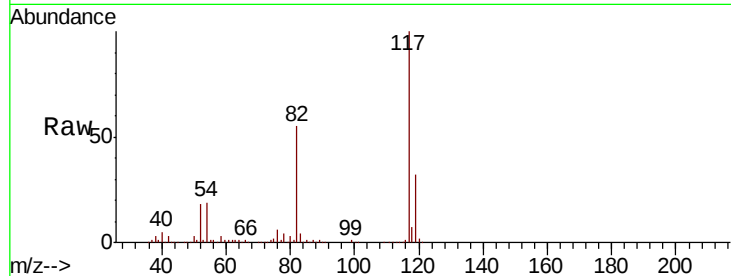




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

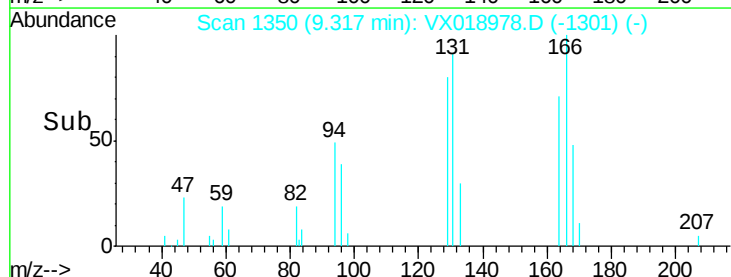
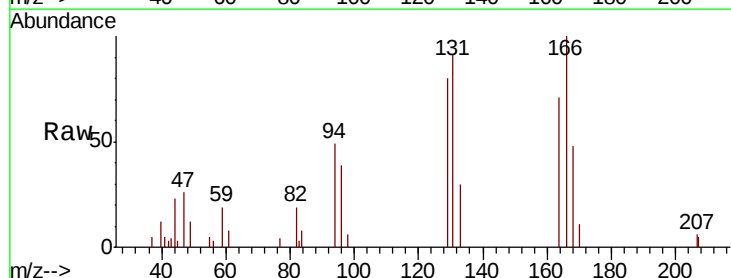
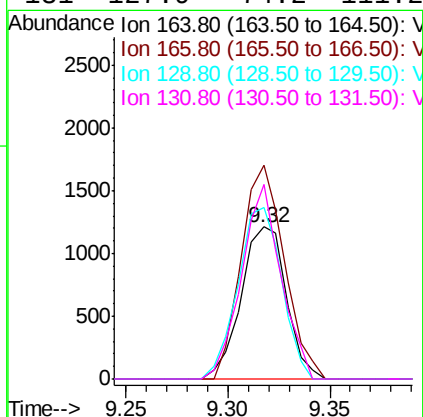
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

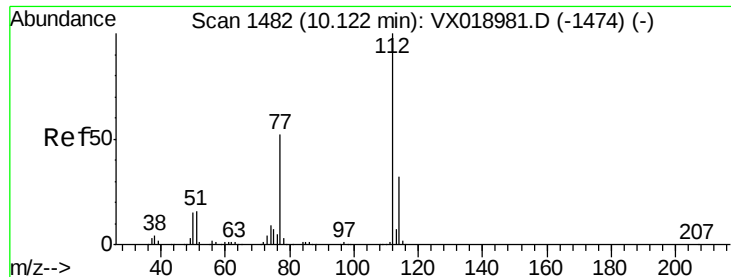
Tot Ion:117 Resp: 264447
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 0.871 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion:164 Resp: 1868
Ion Ratio Lower Upper
164 100
166 140.5 95.2 142.8
129 112.6 79.4 119.0
131 127.9 74.2 111.2#

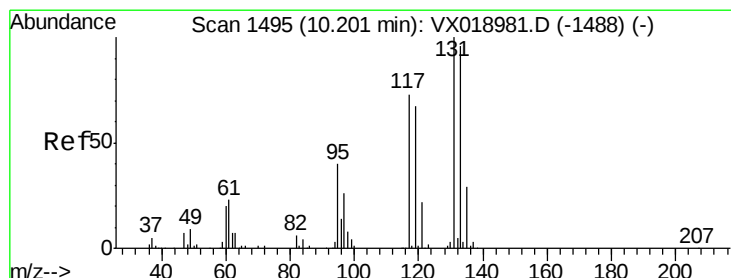
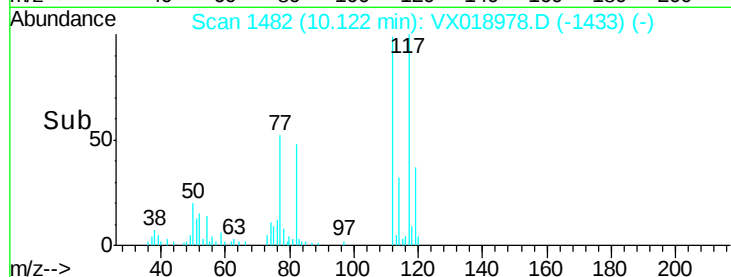
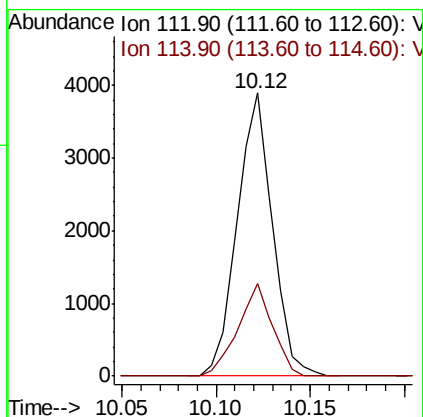
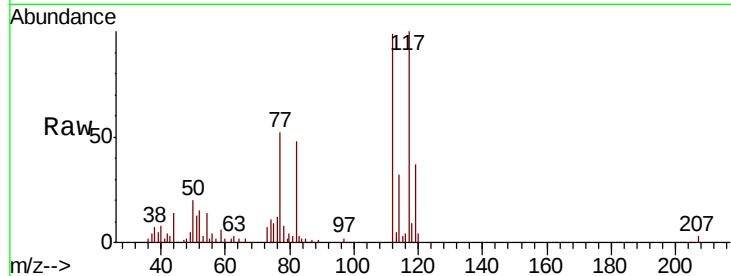




#65
Chlorobenzene
Concen: 0.898 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

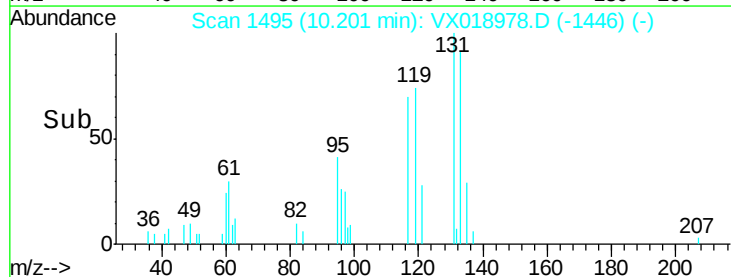
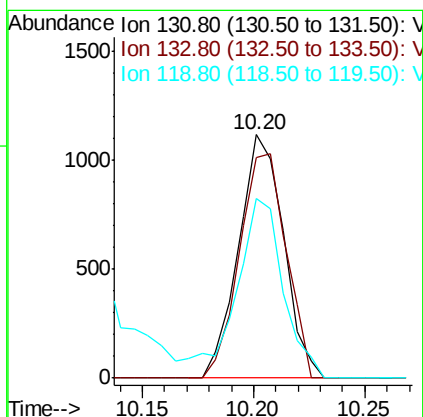
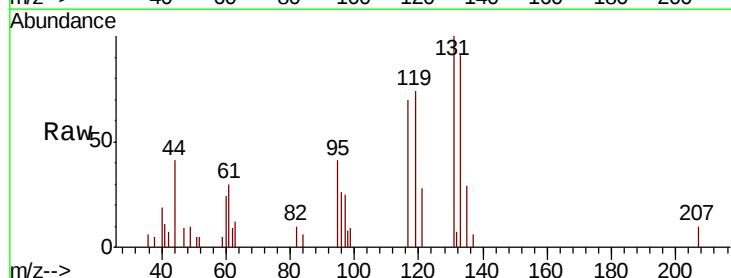
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

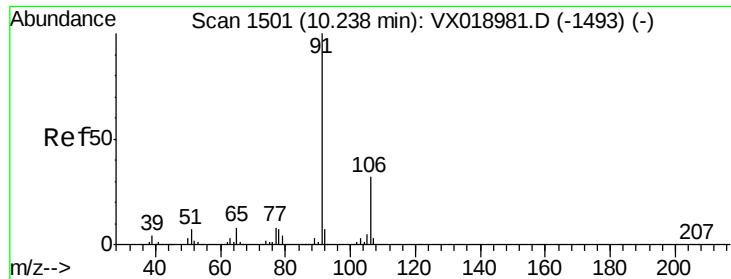
Tot Ion:112 Resp: 5030
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.776 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion:131 Resp: 1576
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 0.0 33.6 100.6#

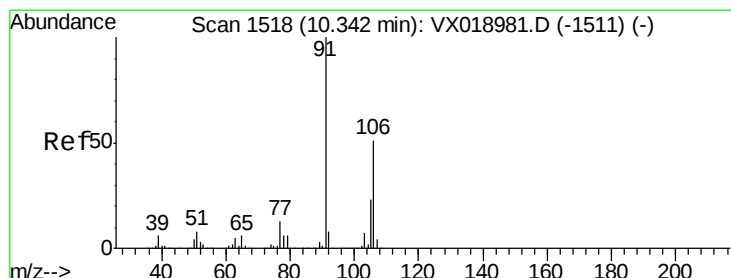
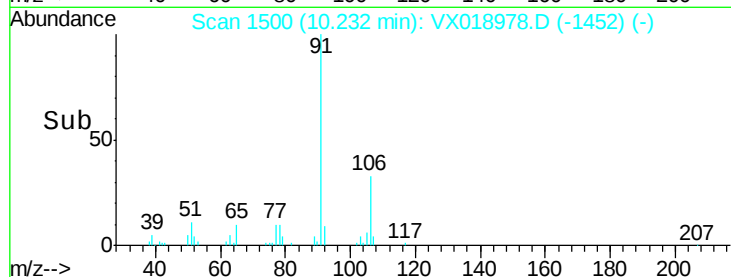
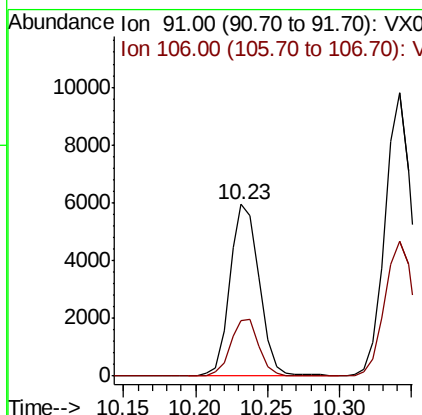
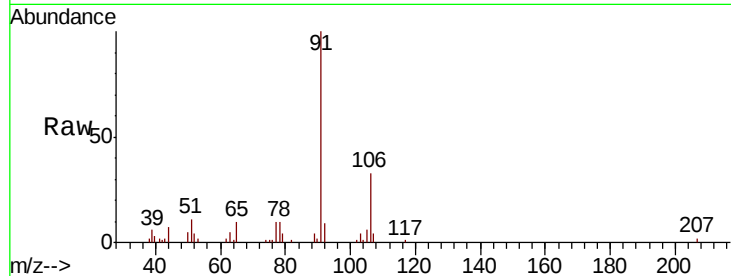




#67
Ethyl Benzene
Concen: 0.867 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

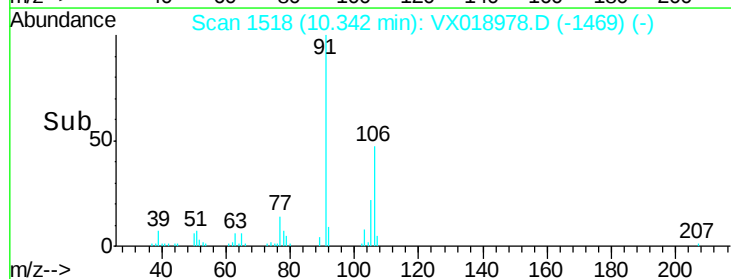
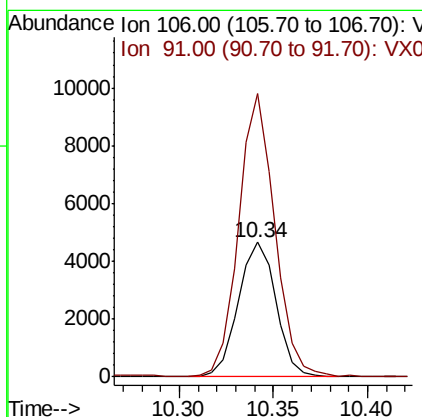
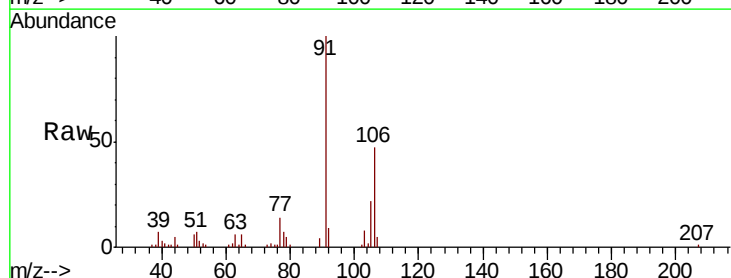
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

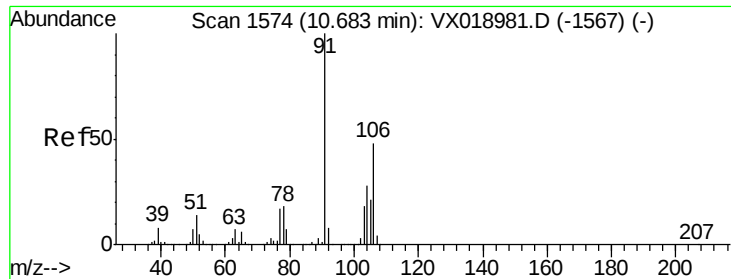
Tot Ion: 91 Resp: 8512
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8



#68
m/p-Xylenes
Concen: 1.689 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 106 Resp: 6472
Ion Ratio Lower Upper
106 100
91 200.7 157.9 236.9

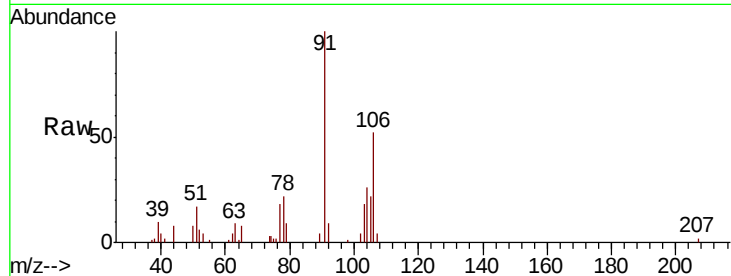




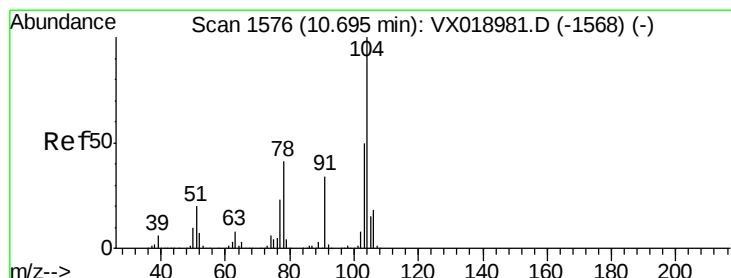
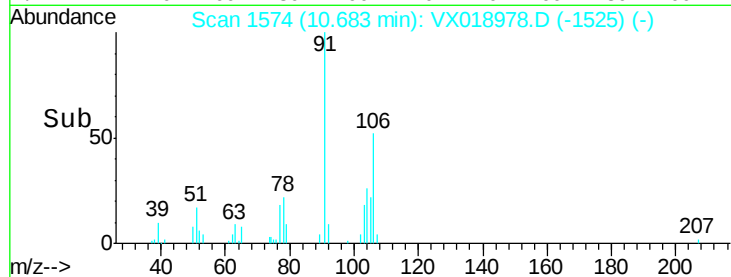
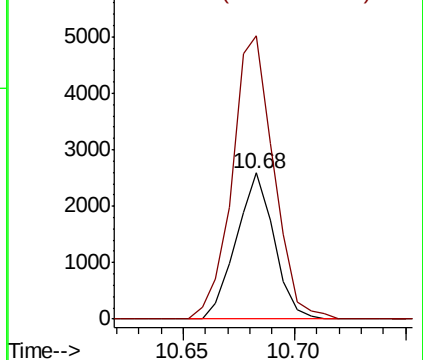
#69
o-Xylene
Concen: 0.846 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 3067
Ion Ratio Lower Upper
106 100
91 212.1 105.5 316.5

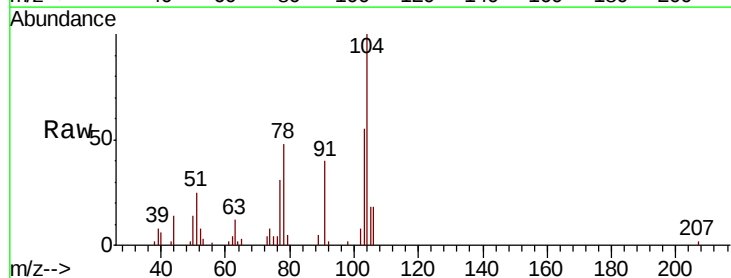


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

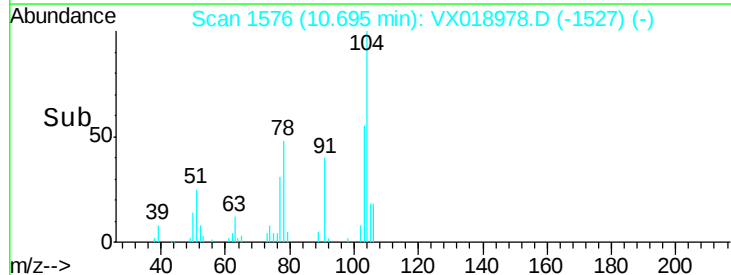
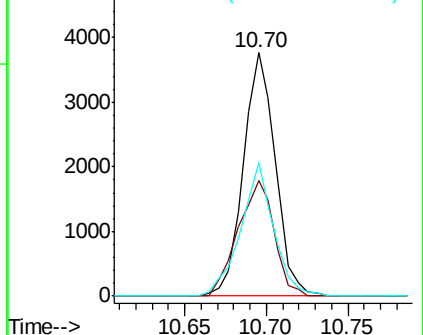


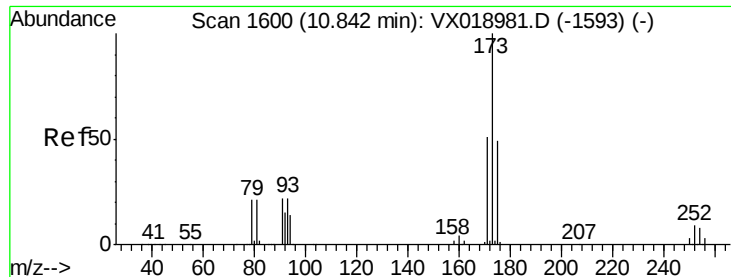
#70
Styrene
Concen: 0.833 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion:104 Resp: 5157
Ion Ratio Lower Upper
104 100
78 53.5 37.4 56.0
103 56.5 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.755 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

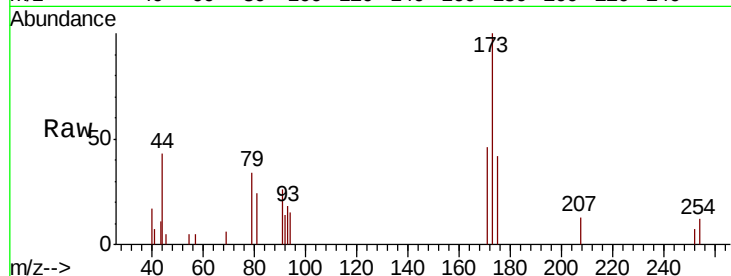
Tot Ion:173 Resp: 1241

Ion Ratio Lower Upper

173 100

175 44.7 24.8 74.4

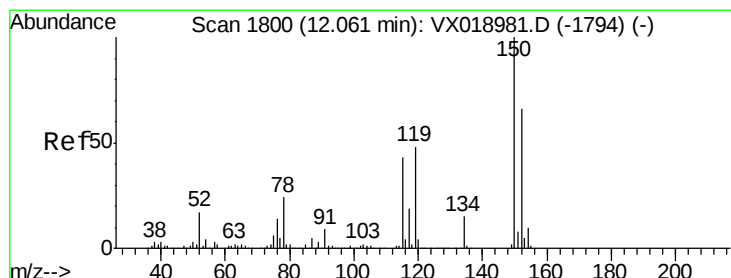
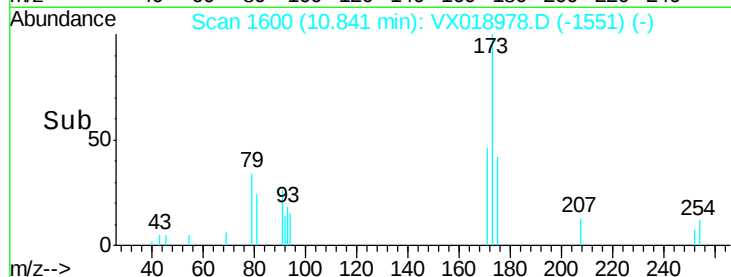
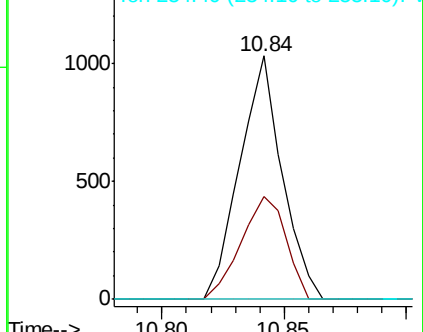
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

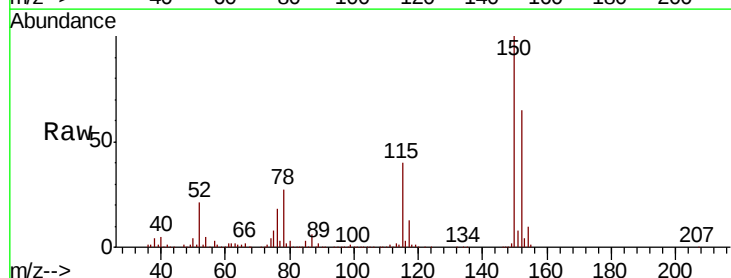
Tgt Ion:152 Resp: 128798

Ion Ratio Lower Upper

152 100

115 62.5 41.2 123.6

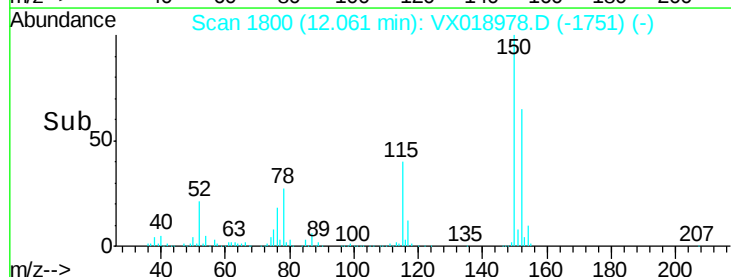
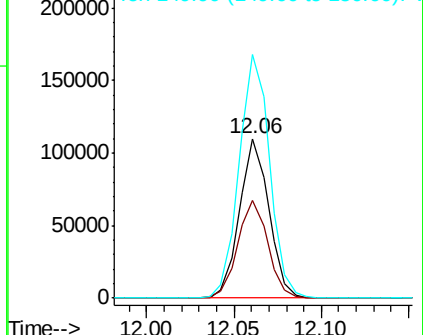
150 157.8 0.0 345.6

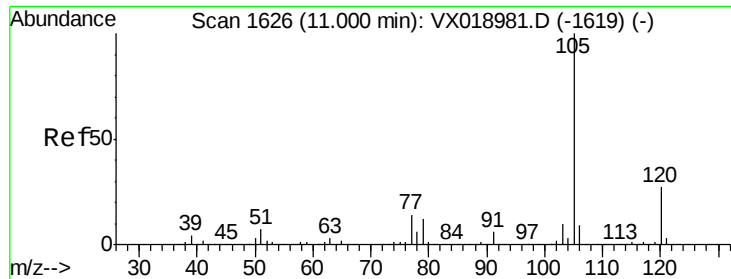


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.900 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

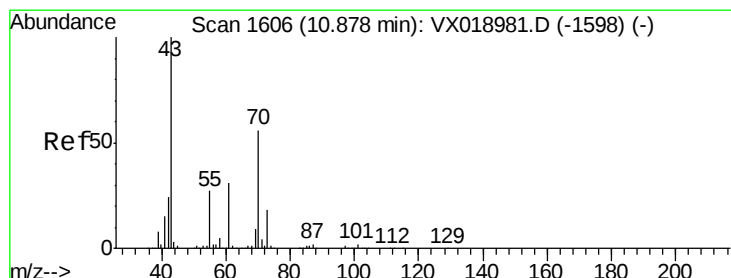
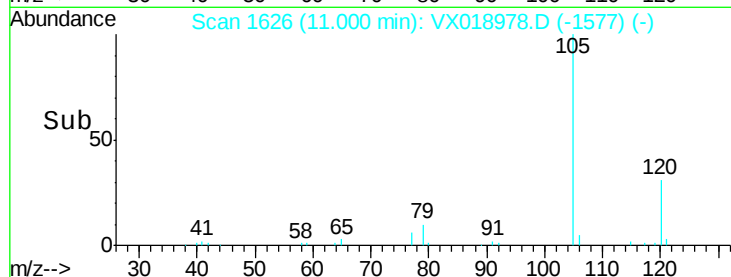
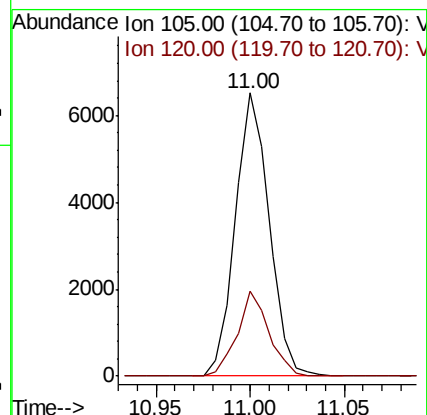
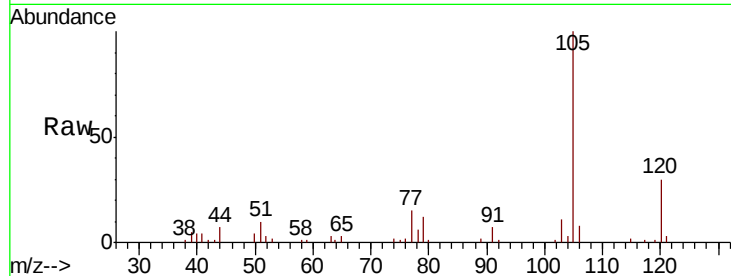
VSTDIC001

Tot Ion: 105 Resp: 8124

Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.7



#74

N-ethyl acetate

Concen: 1.032 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Tgt Ion: 43 Resp: 3212

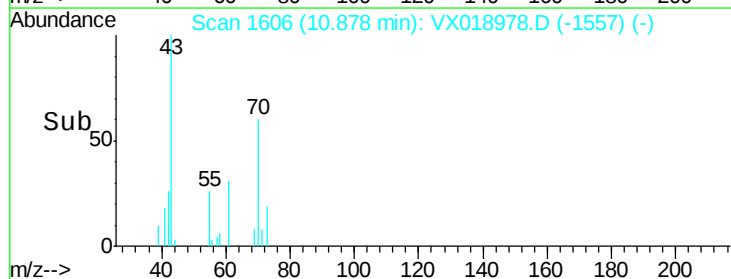
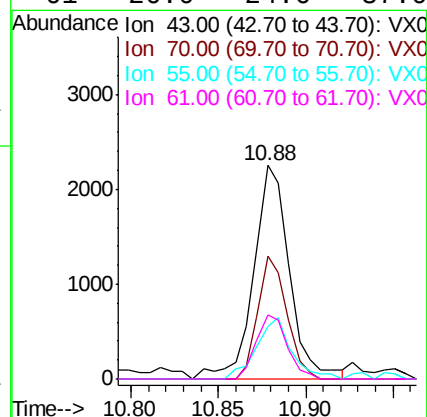
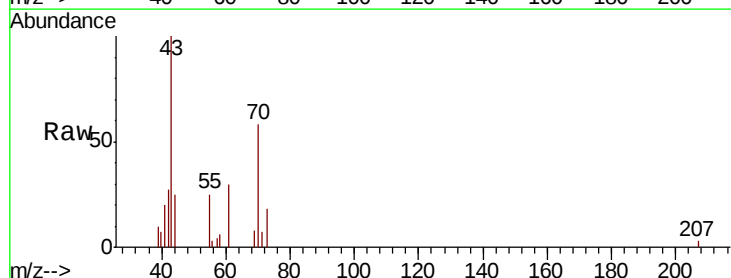
Ion Ratio Lower Upper

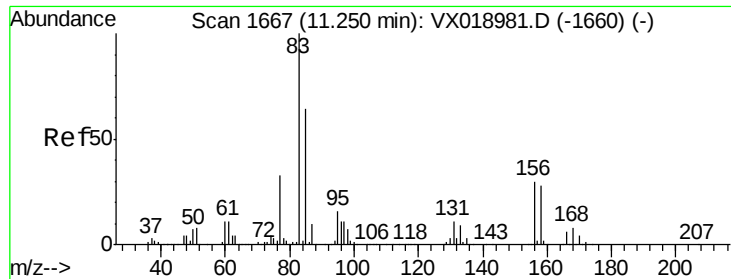
43 100

70 46.5 45.9 68.9

55 28.1 21.9 32.9

61 26.0 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

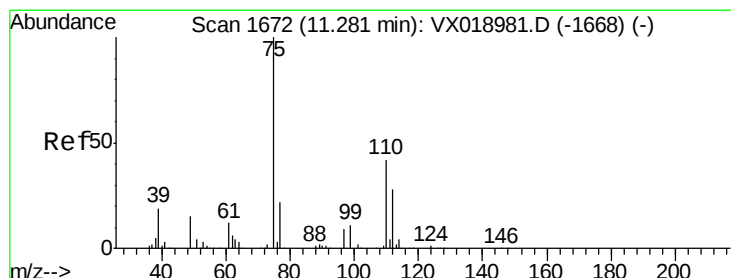
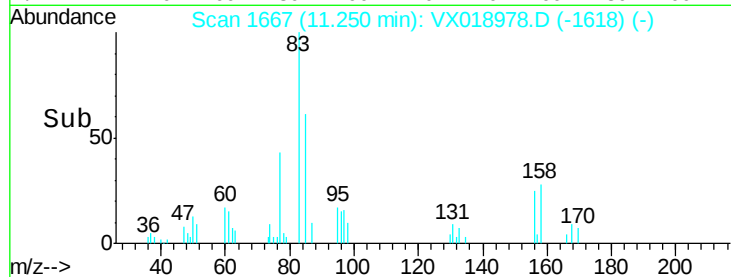
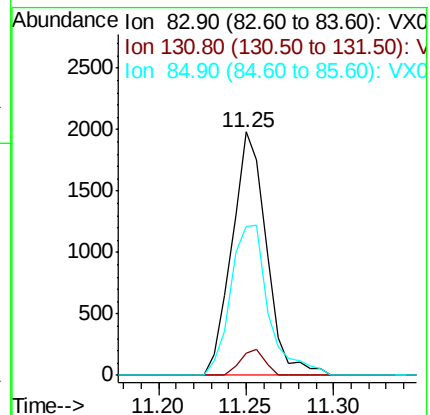
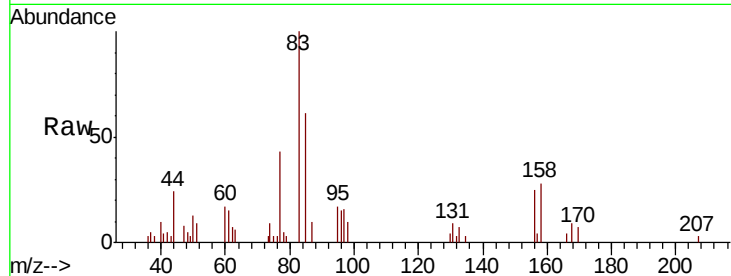
Tot Ion: 83 Resp: 2726

Ion Ratio Lower Upper

83 100

131 7.6 5.4 16.2

85 67.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 1.270 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018978.D

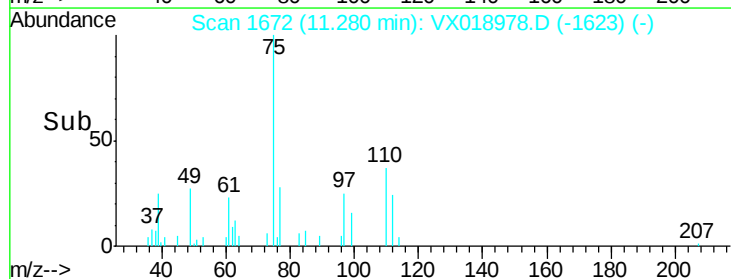
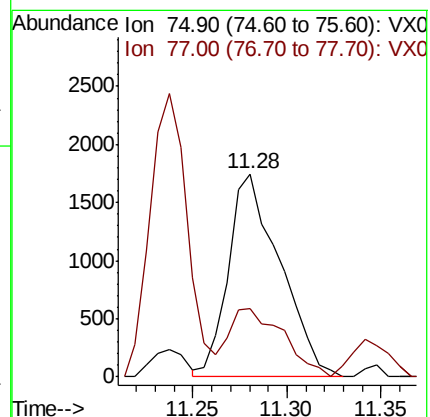
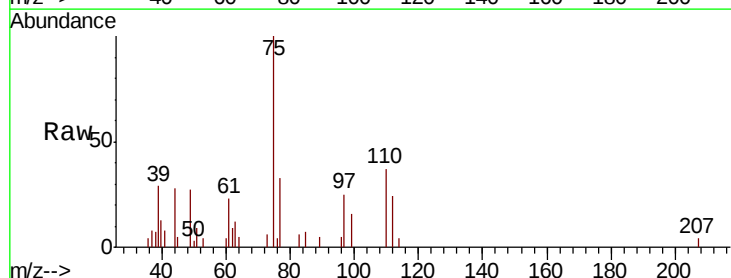
Acq: 20 Oct 2020 16:21

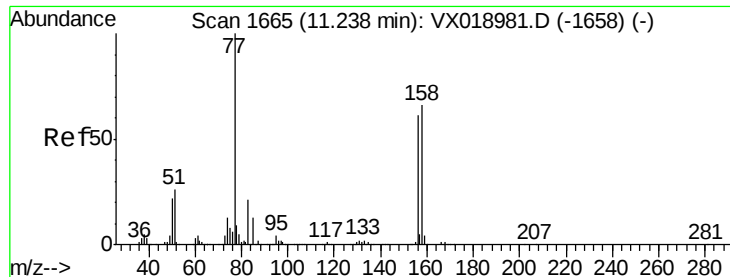
Tgt Ion: 75 Resp: 3322

Ion Ratio Lower Upper

75 100

77 35.2 20.6 61.9





#77

Bromobenzene

Concen: 0.857 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

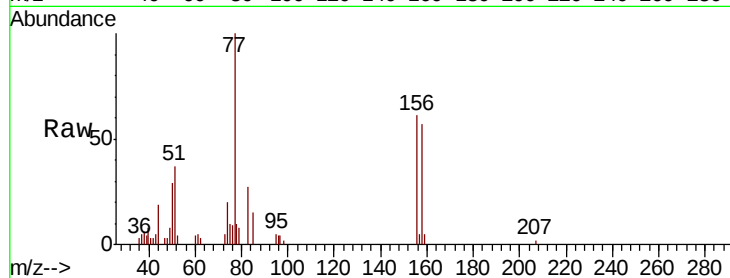
Tot Ion:156 Resp: 1924

Ion Ratio Lower Upper

156 100

77 175.2 78.5 235.3

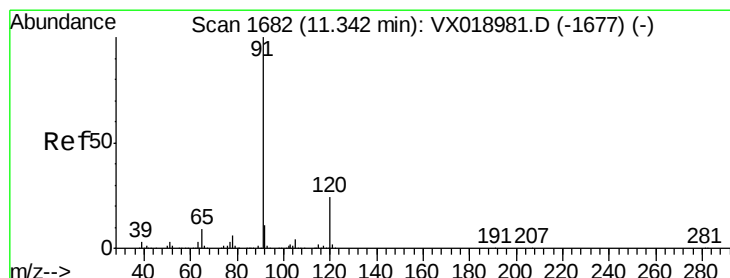
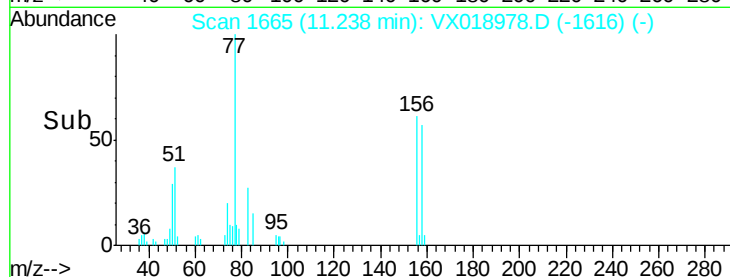
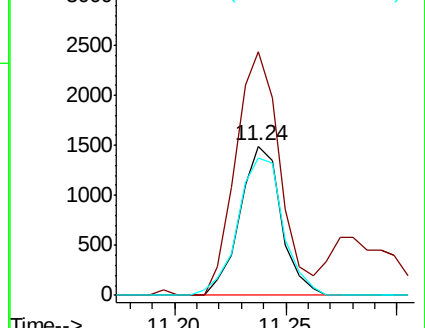
158 101.9 50.2 150.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.933 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018978.D

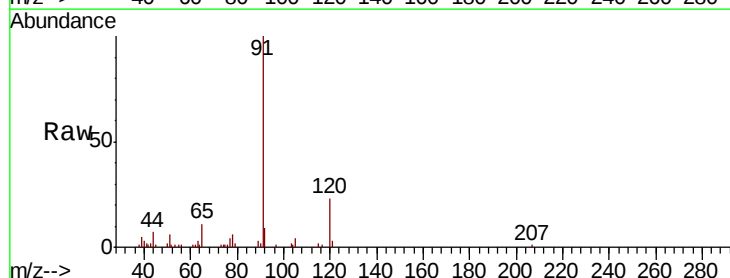
Acq: 20 Oct 2020 16:21

Tgt Ion: 91 Resp: 9694

Ion Ratio Lower Upper

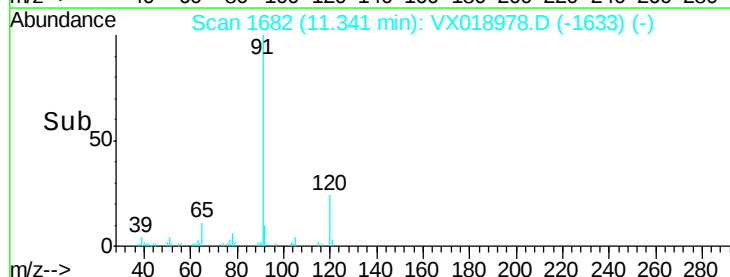
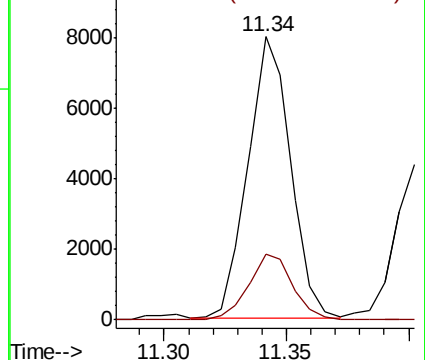
91 100

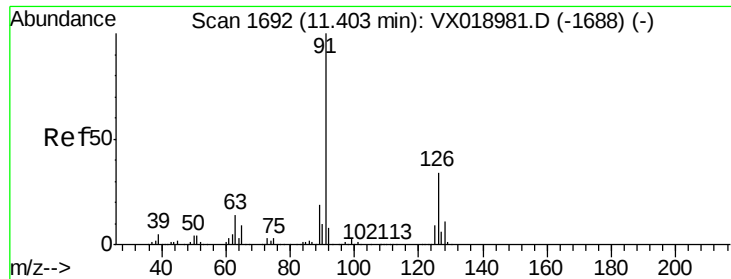
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.955 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampled :

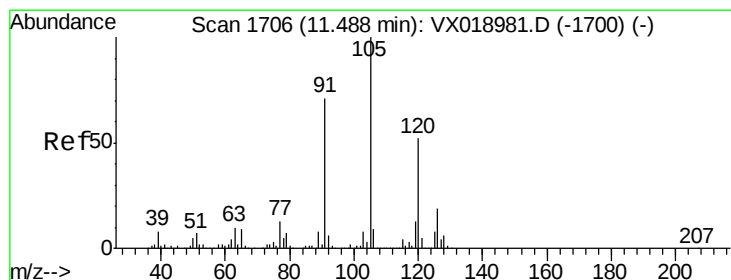
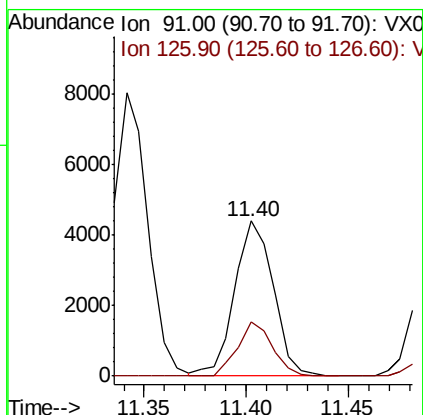
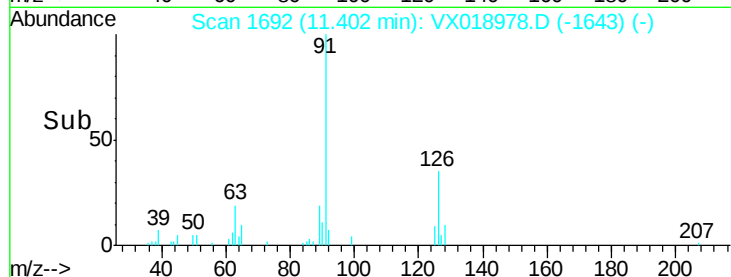
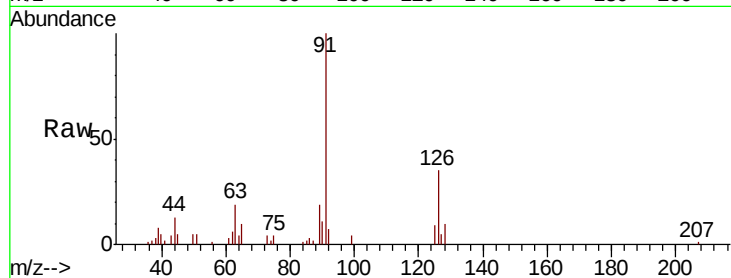
VSTDIC001

Tot Ion: 91 Resp: 5807

Ion Ratio Lower Upper

91 100

126 31.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 0.893 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018978.D

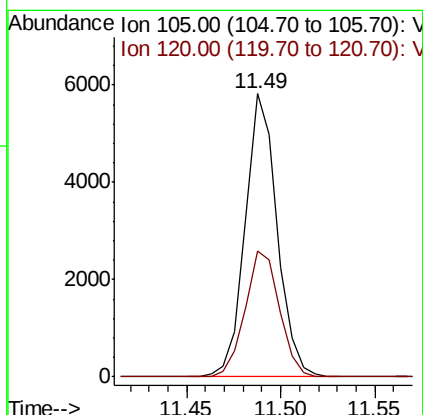
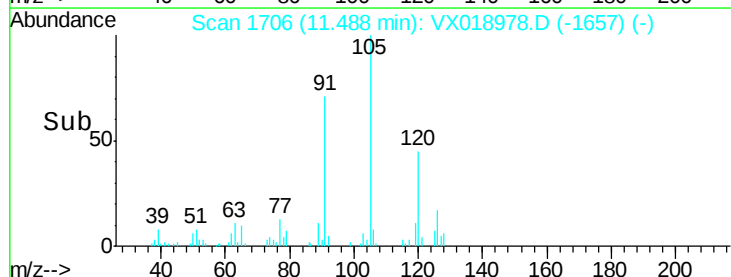
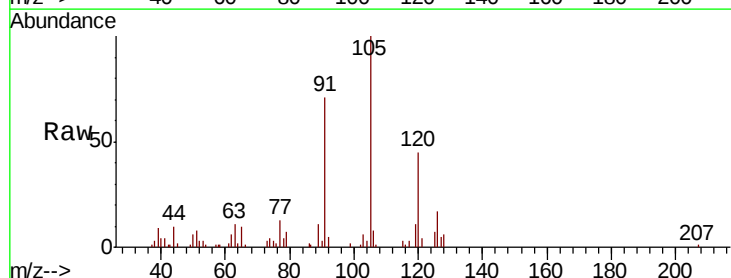
Acq: 20 Oct 2020 16:21

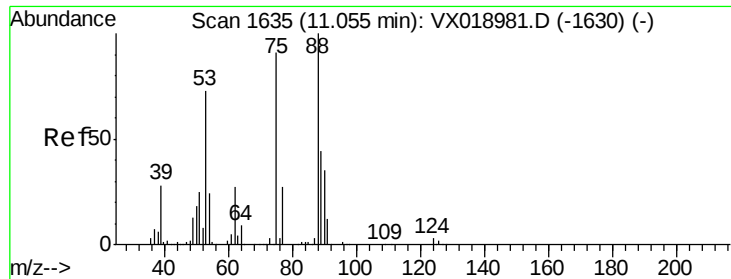
Tgt Ion: 105 Resp: 6840

Ion Ratio Lower Upper

105 100

120 47.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 0.980 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

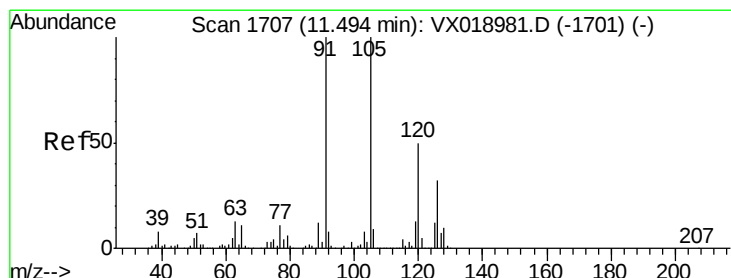
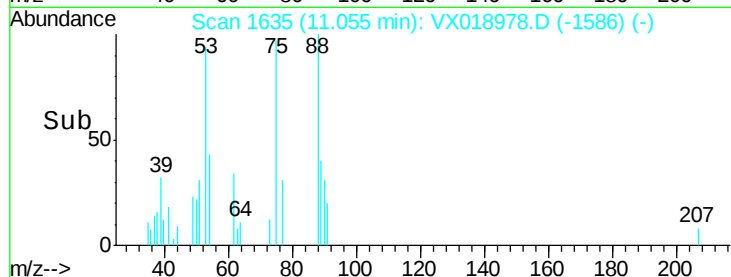
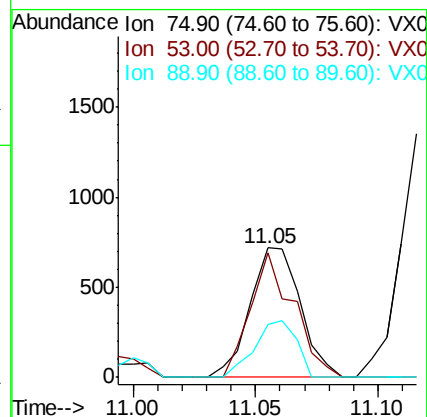
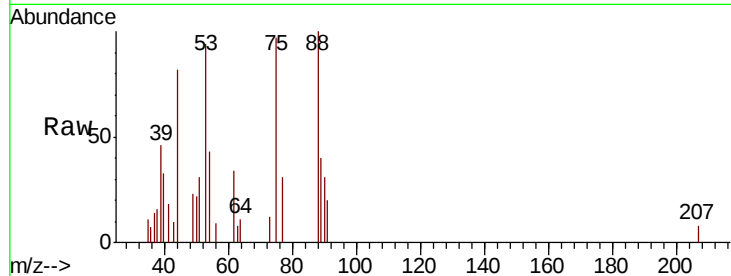
Tot Ion: 75 Resp: 1031

Ion Ratio Lower Upper

75 100

53 82.7 63.9 95.9

89 36.5 39.9 59.9#



#82

4-Chlorotoluene

Concen: 1.012 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018978.D

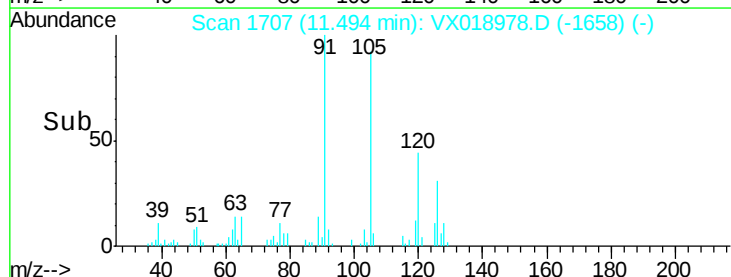
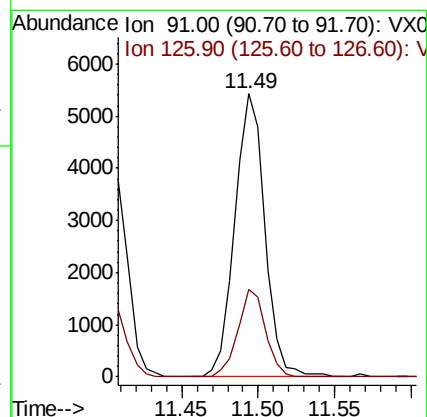
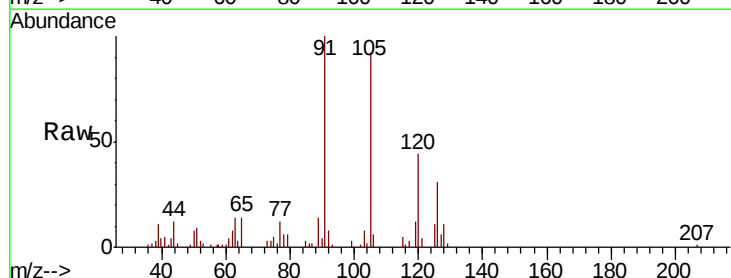
Acq: 20 Oct 2020 16:21

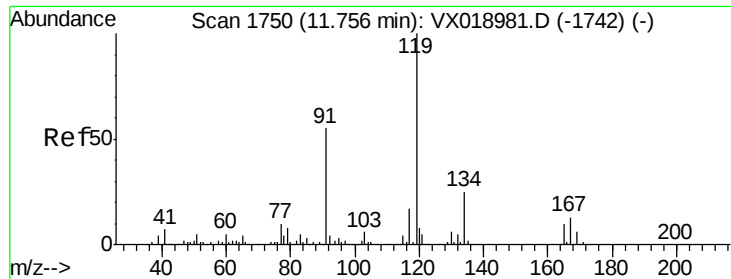
Tgt Ion: 91 Resp: 7368

Ion Ratio Lower Upper

91 100

126 28.4 15.9 47.6

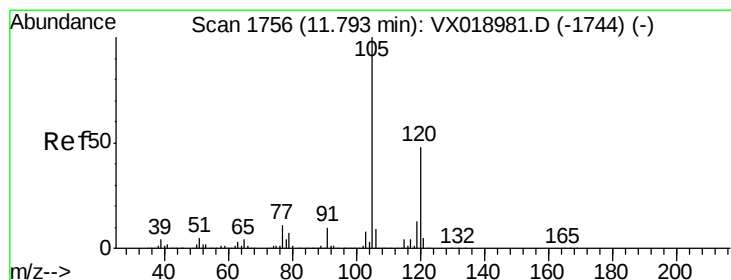
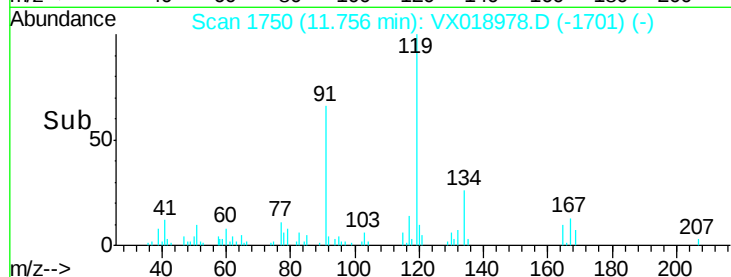
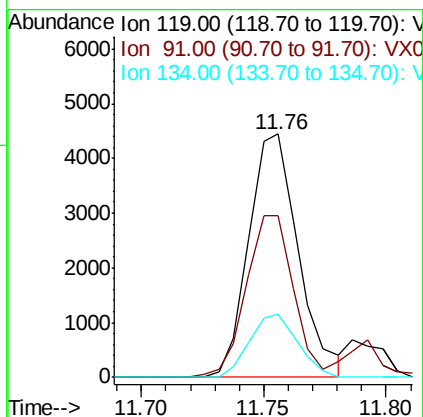
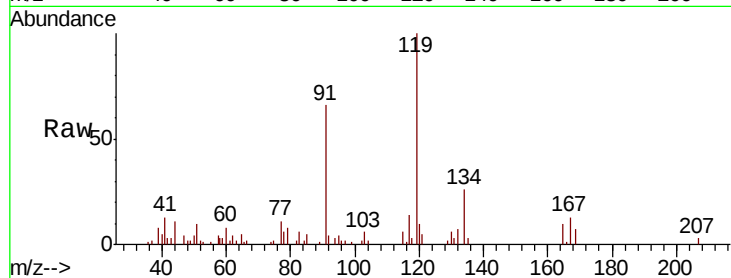




#83
tert-Butylbenzene
Concen: 0.840 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

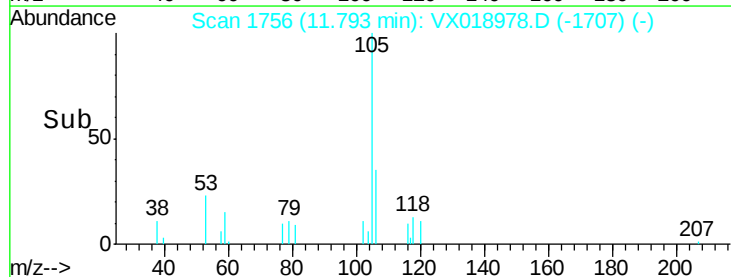
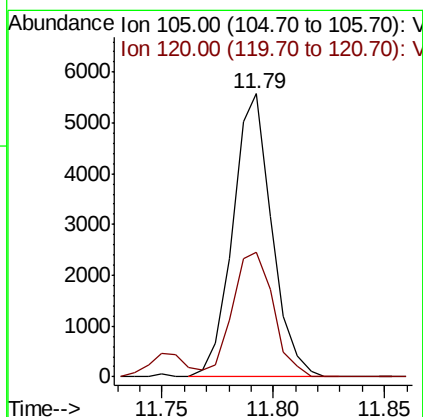
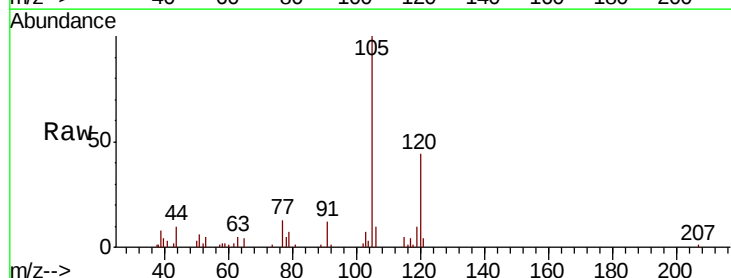
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

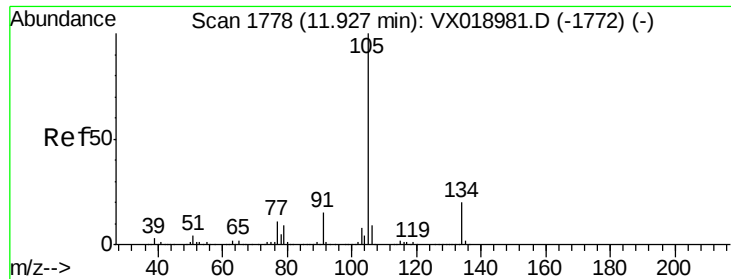
Tot Ion:119 Resp: 6298
Ion Ratio Lower Upper
119 100
91 63.4 27.5 82.4
134 25.2 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 0.884 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion:105 Resp: 6807
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 0.884 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

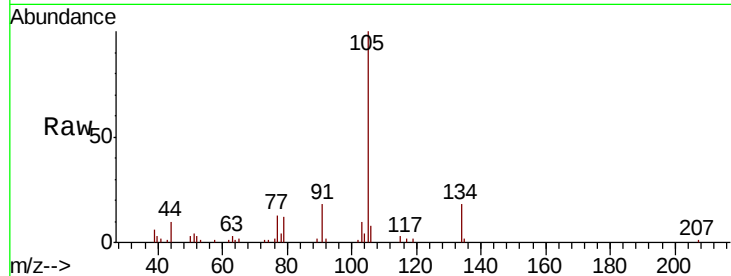
VSTDIC001

Tot Ion:105 Resp: 7947

Ion Ratio Lower Upper

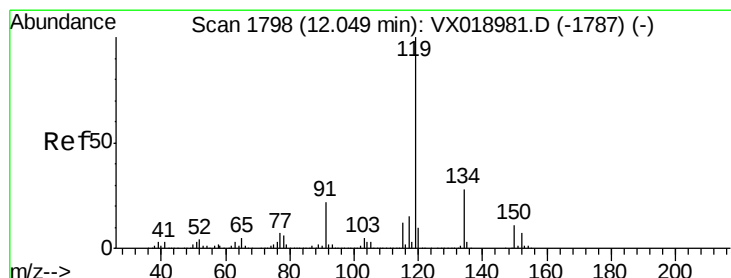
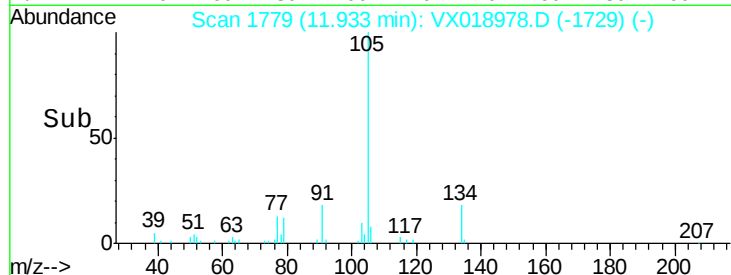
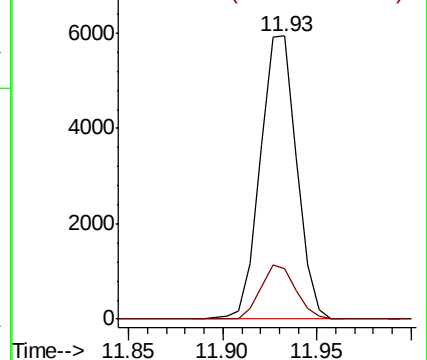
105 100

134 18.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.880 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

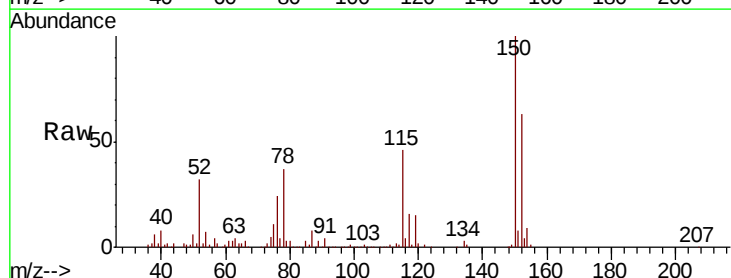
Tgt Ion:119 Resp: 7305

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

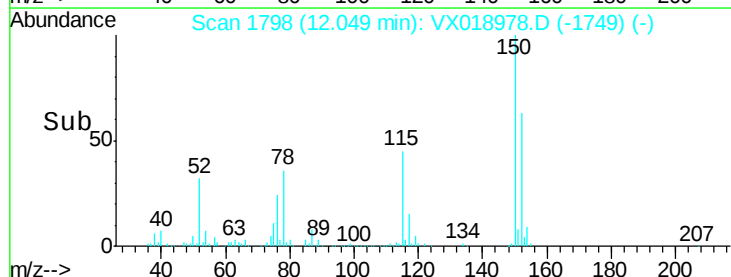
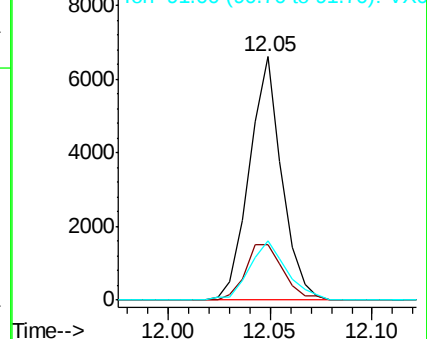
91 28.2 11.0 33.0

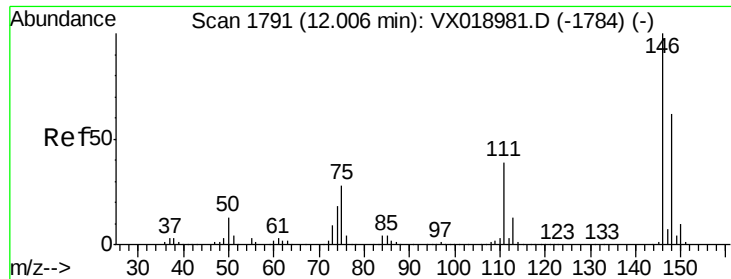


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

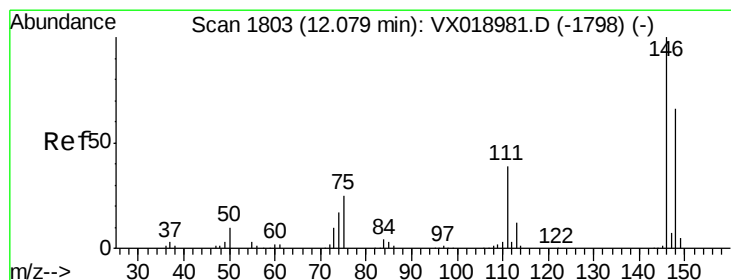
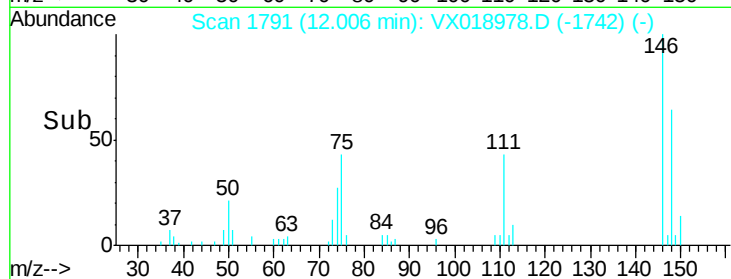
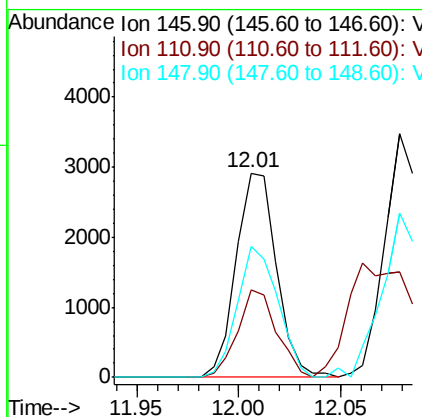
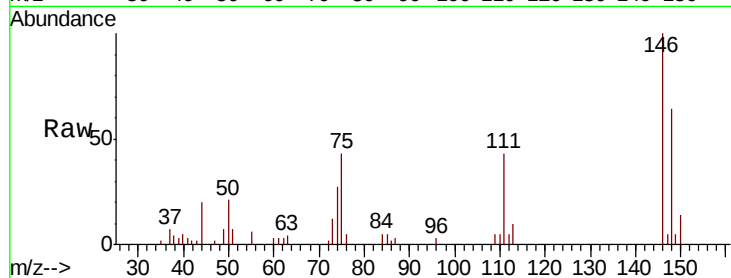




#87
 1,3-Dichlorobenzene
 Concen: 0.963 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

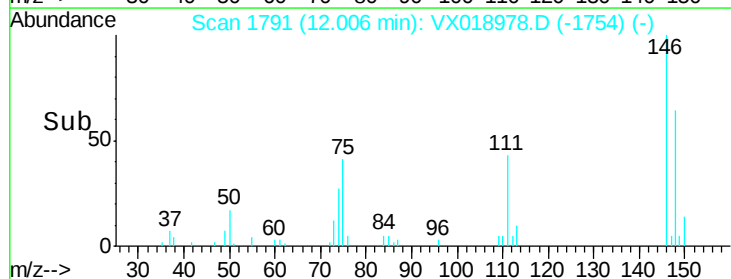
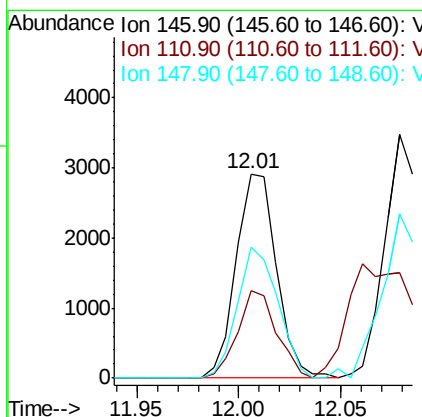
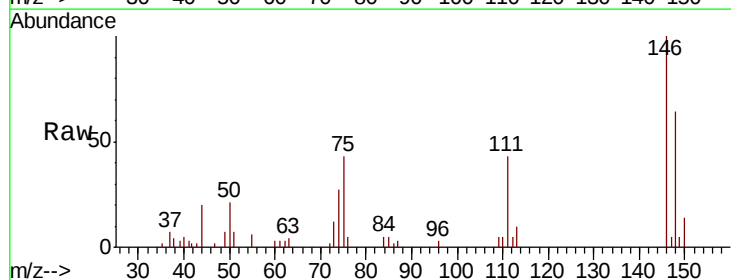
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

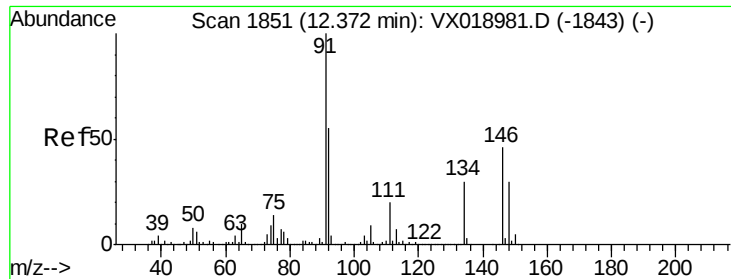
Tot Ion:146 Resp: 4017
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.8 59.4
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.934 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion:146 Resp: 4017
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.3 57.9
 148 64.1 32.6 98.0

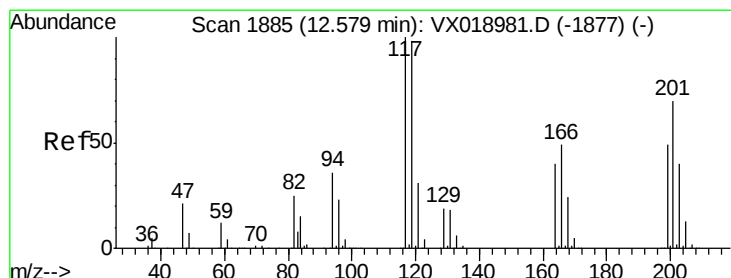
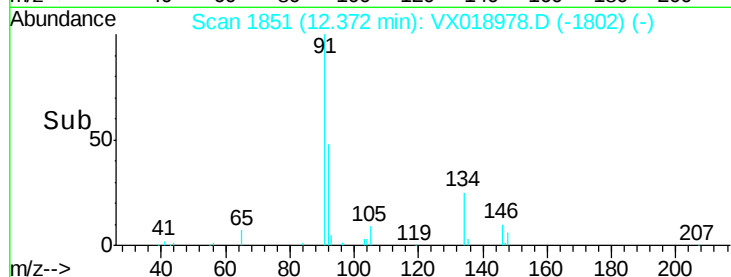
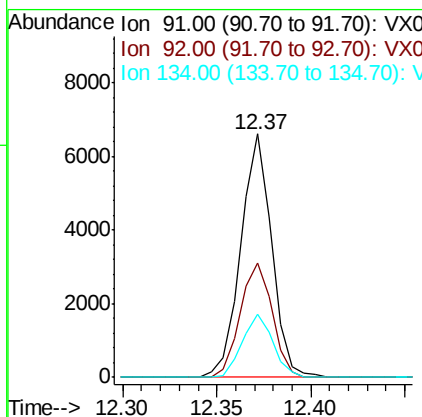
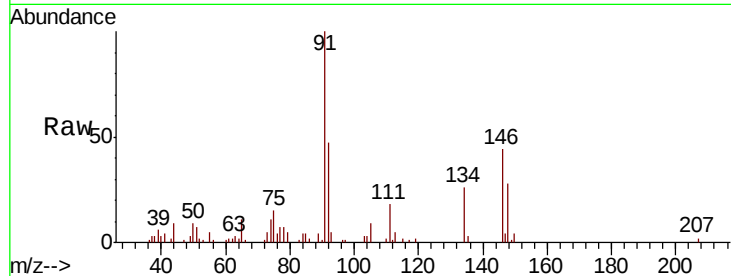




#89
n-Butylbenzene
Concen: 0.993 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

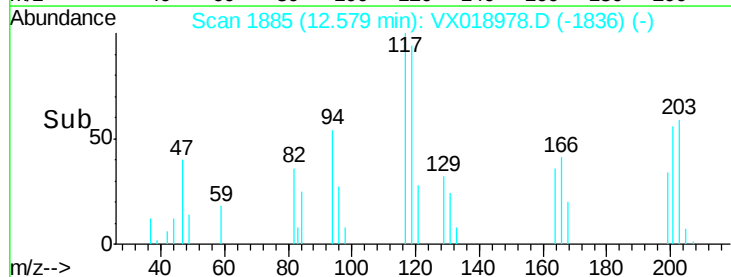
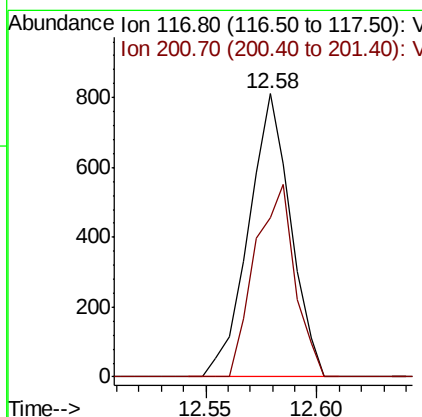
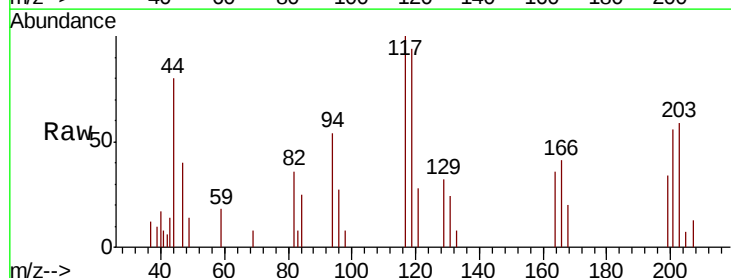
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

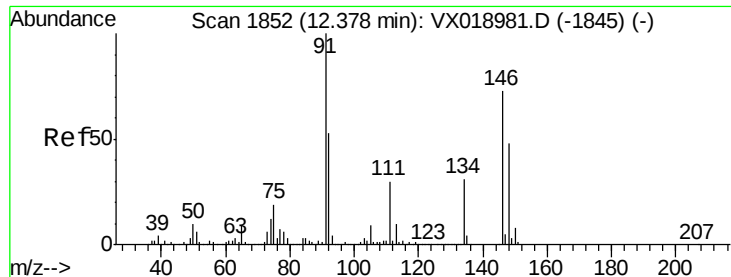
Tot Ion: 91 Resp: 7522
Ion Ratio Lower Upper
91 100
92 48.5 27.2 81.6
134 25.6 14.2 42.8



#90
Hexachloroethane
Concen: 0.805 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion: 117 Resp: 1068
Ion Ratio Lower Upper
117 100
201 64.8 36.1 108.5

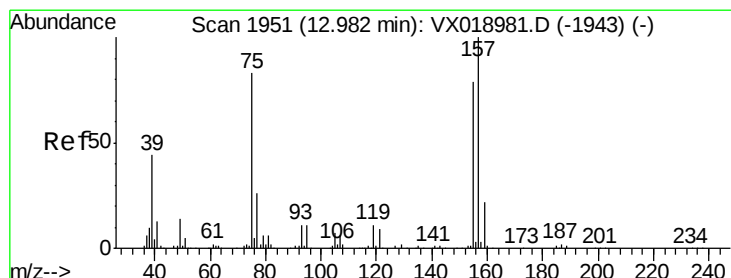
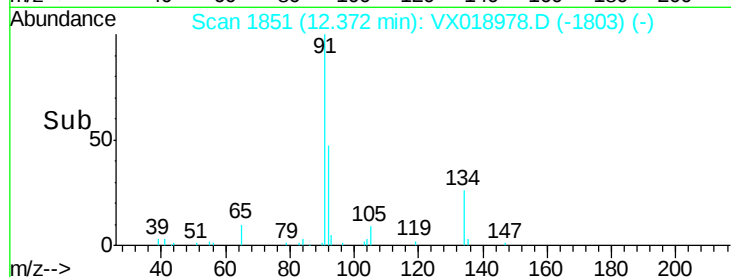
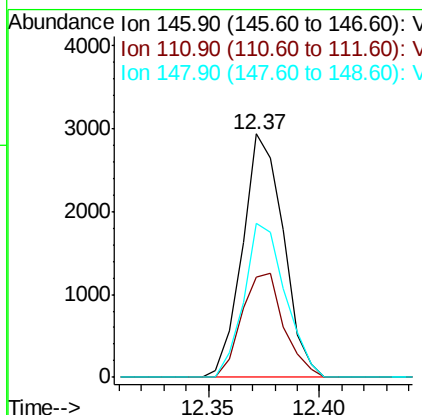
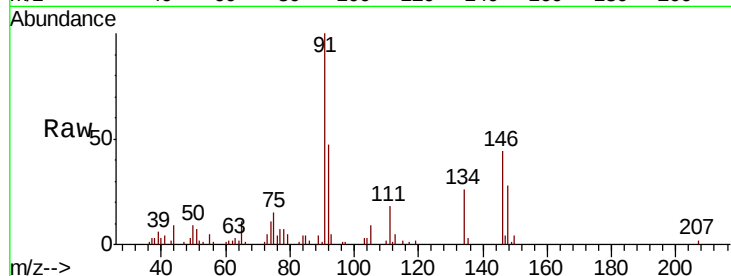




#91
 1,2-Dichlorobenzene
 Concen: 0.937 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

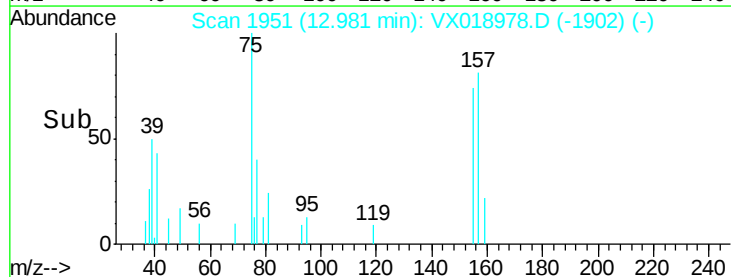
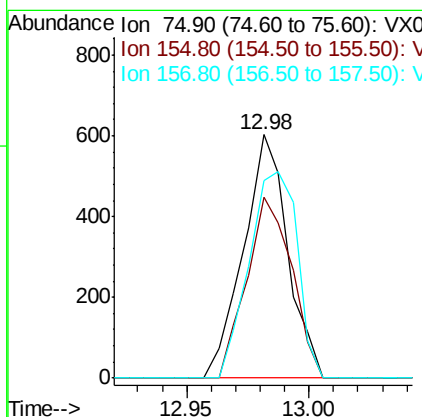
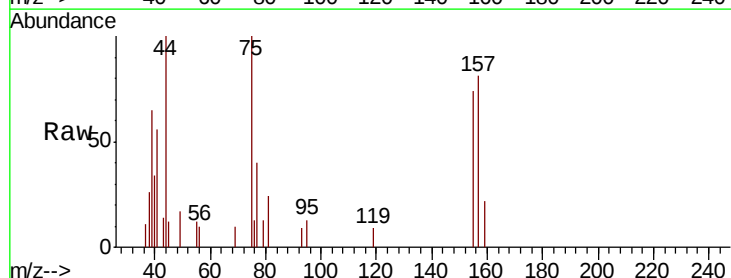
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

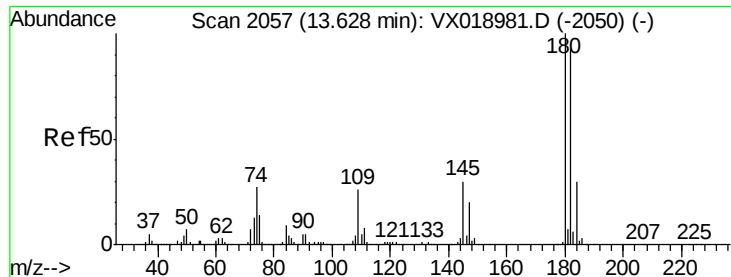
Tot Ion:146 Resp: 3780
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.8 62.5
 148 63.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.147 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 155 75.7 47.6 142.9
 157 92.3 62.7 188.1

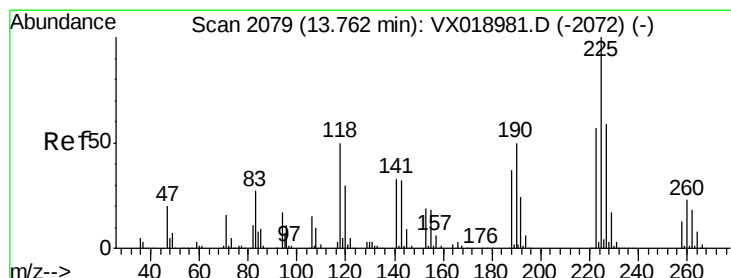
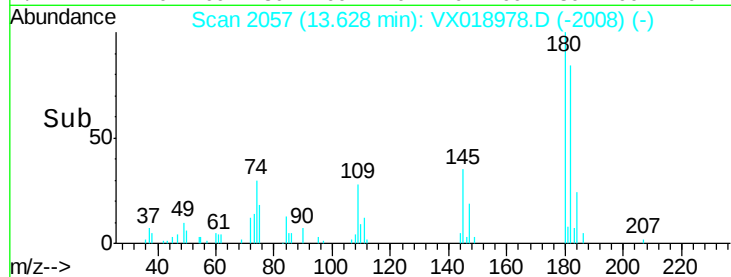
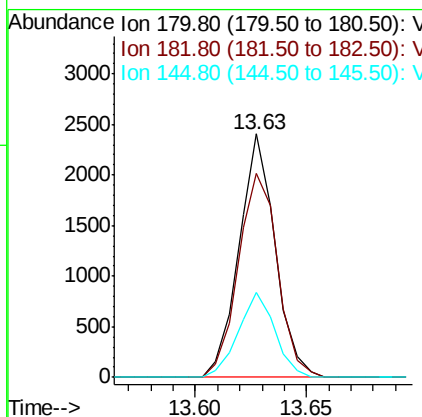
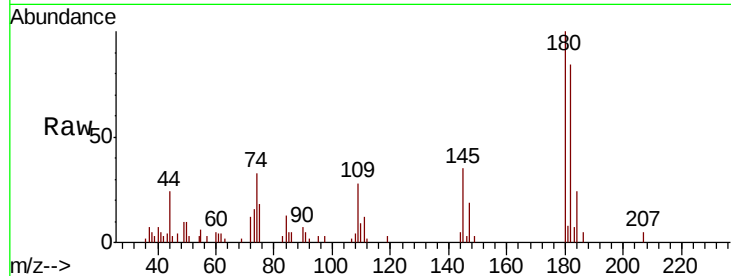




#93
 1,2,4-Trichlorobenzene
 Concen: 0.984 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

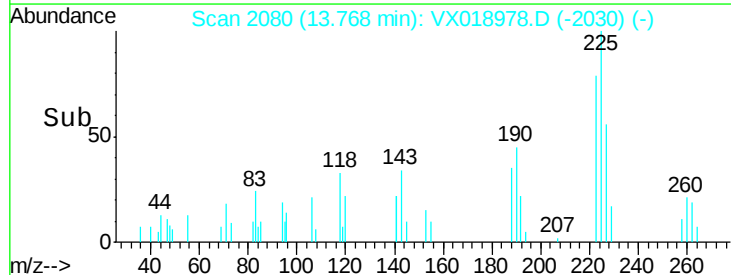
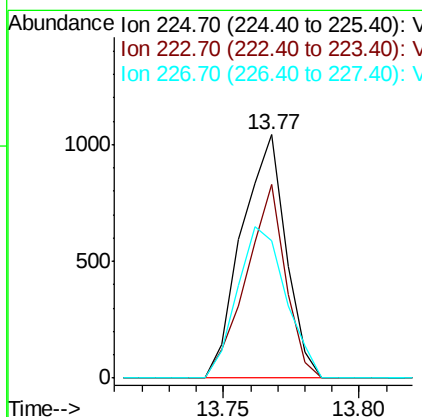
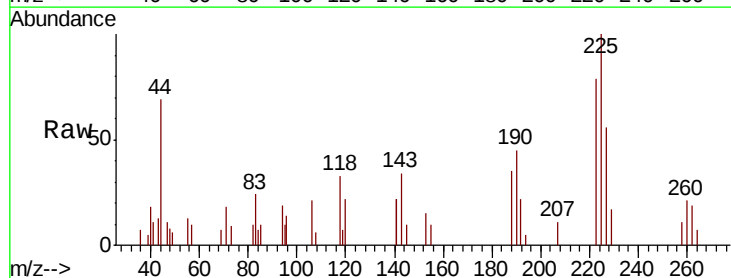
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

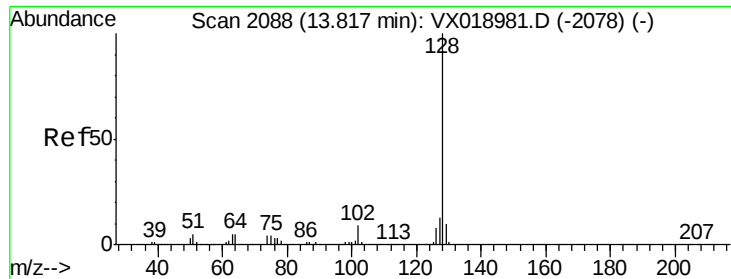
Tot Ion:180 Resp: 2720
 Ion Ratio Lower Upper
 180 100
 182 90.9 46.6 139.7
 145 35.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 0.996 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion:225 Resp: 1173
 Ion Ratio Lower Upper
 225 100
 223 70.9 29.4 88.3
 227 68.6 30.6 92.0

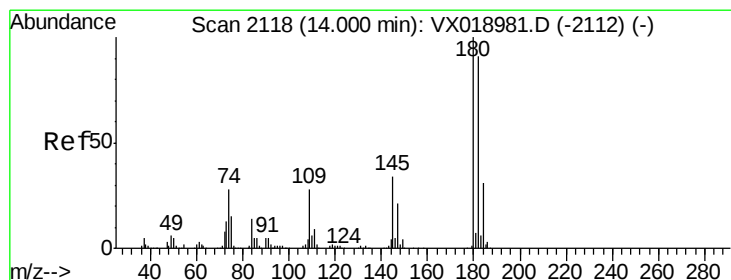
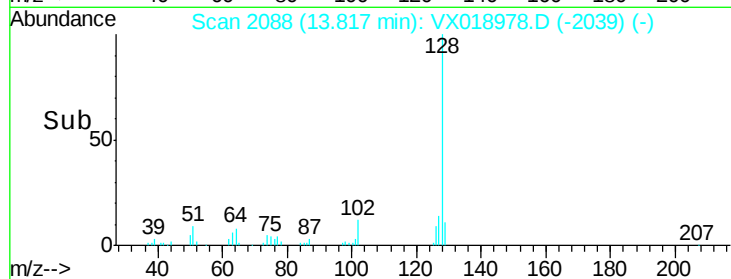
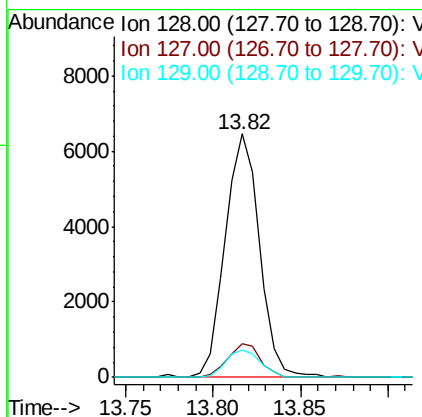
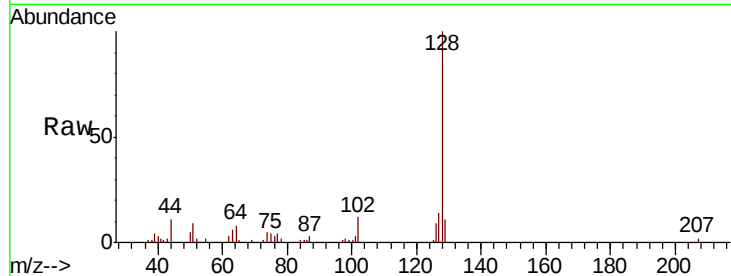




#95
Naphthalene
Concen: 0.956 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 8801
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.973 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Tgt Ion:180 Resp: 2570
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.4
145 31.6 17.0 51.0

