

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 18:27:41 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	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

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
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
12) 1,1-Dichloroethene	2.35	96	2253	1.092 ug/l	91
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
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
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

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 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleId :
 VSTDIC001

Quant Time: Oct 20 18:27:41 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)
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	2585m	0.988	ug/l	
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
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	12.08	146	4284m	0.996	ug/l	
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
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

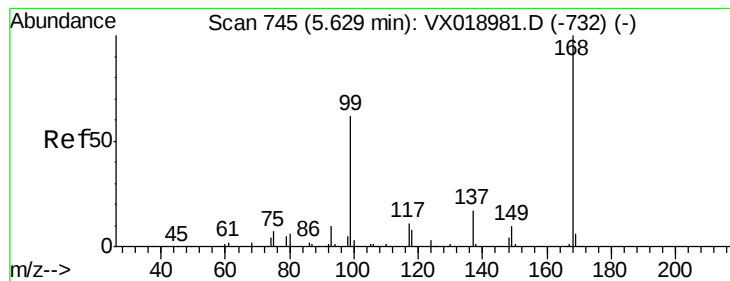
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
Data File : VX018978.D
Acq On : 20 Oct 2020 16:21
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Instrument :
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ClientSampleId :
VSTDICC001

Quant Time: Oct 20 18:27:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 20 18:15:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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 :

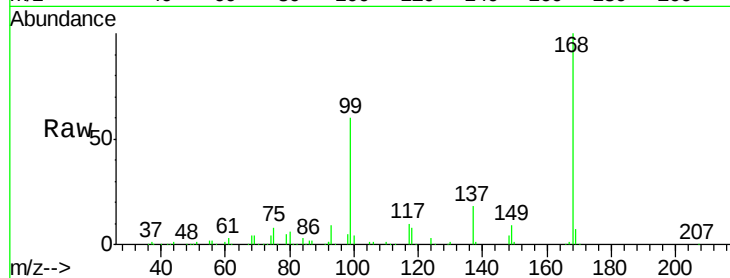
VSTDIC001

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

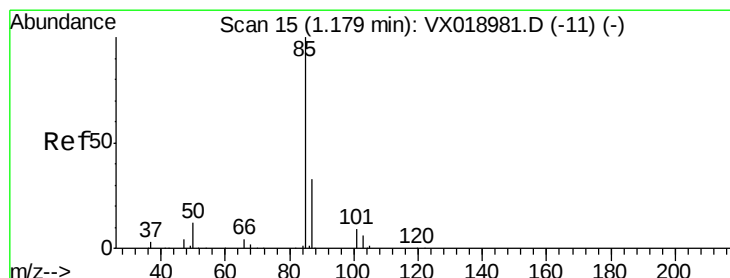
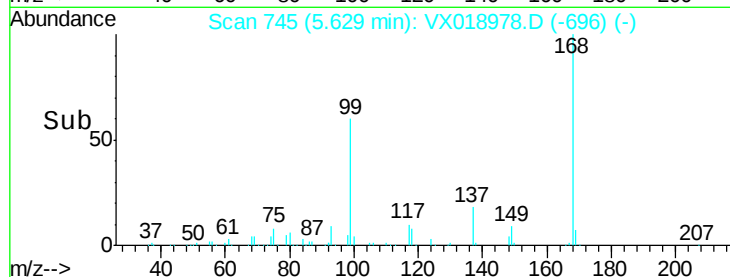
20000

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

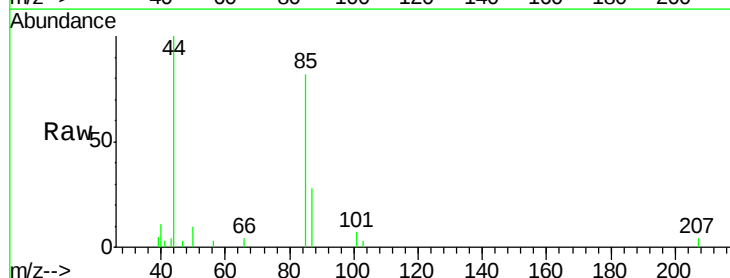
Acq: 20 Oct 2020 16:21

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

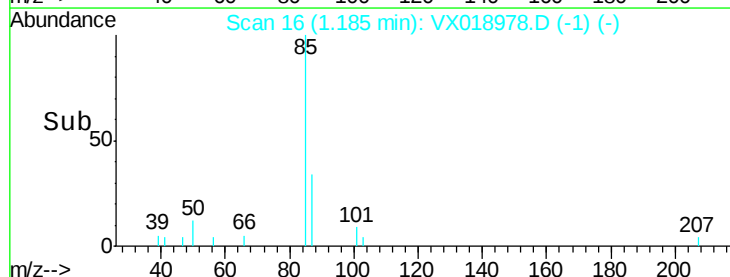
1000

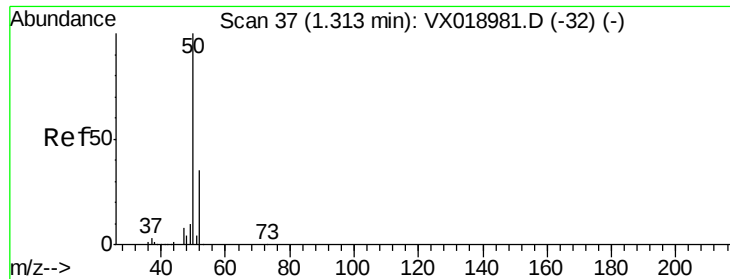
500

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 :

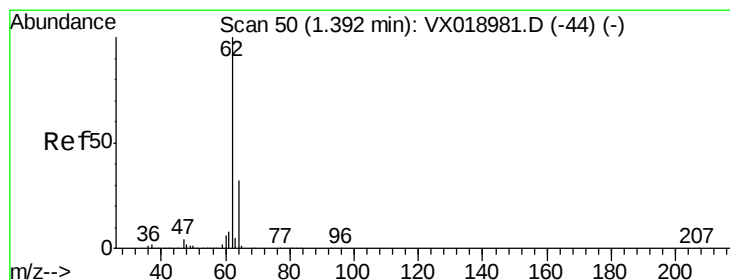
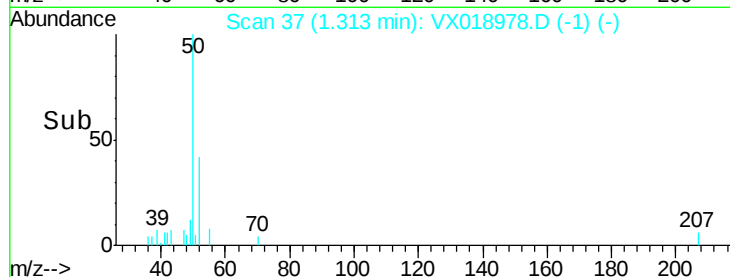
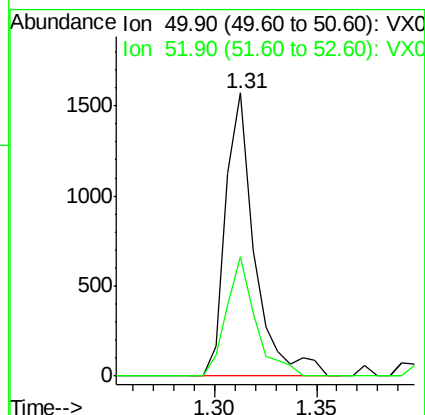
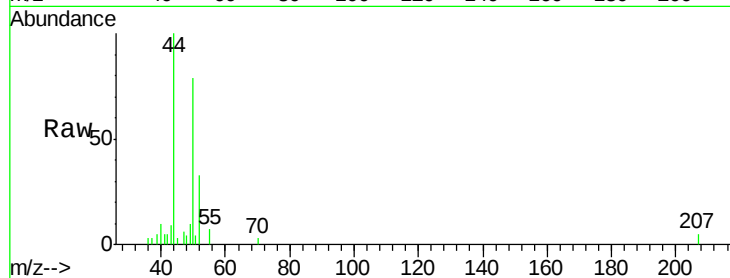
VSTDIC001

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

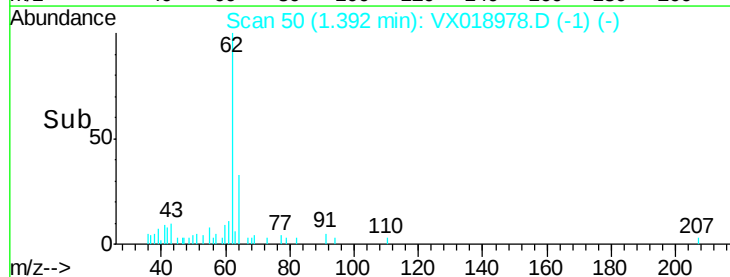
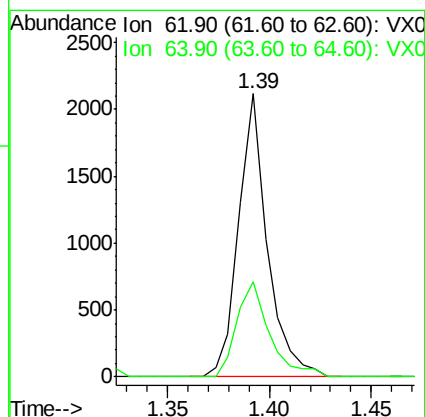
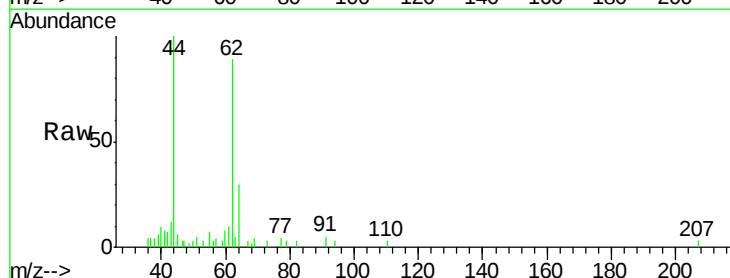
Acq: 20 Oct 2020 16:21

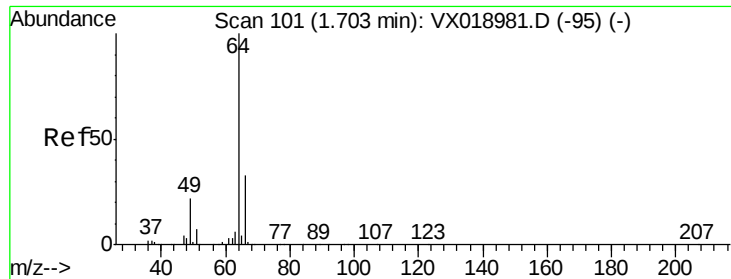
Tgt Ion: 62 Resp: 2053

Ion Ratio Lower Upper

62 100

64 33.4 25.8 38.8





#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

Instrument :

MSVOA_X

ClientSampled :

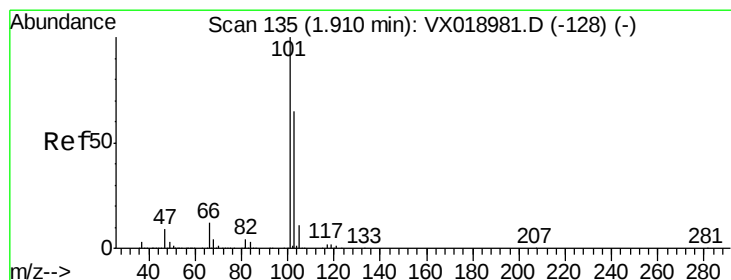
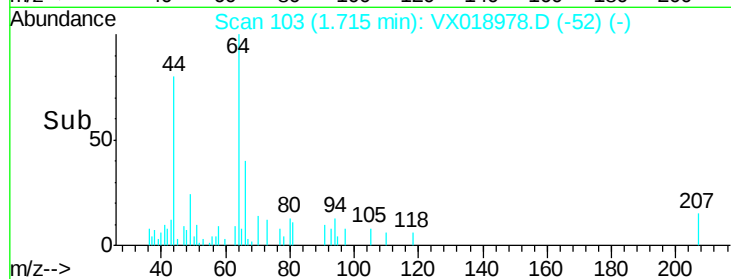
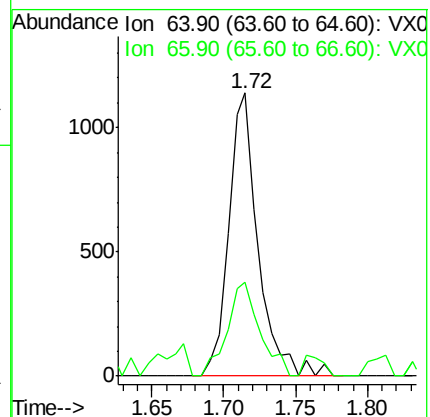
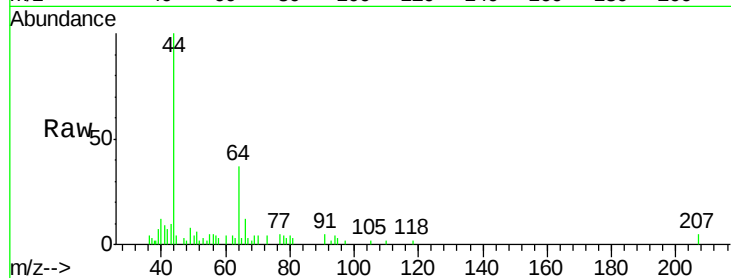
VSTDIC001

Tot Ion: 64 Resp: 1634

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



#7

Trichlorofluoromethane

Concen: 0.905 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX018978.D

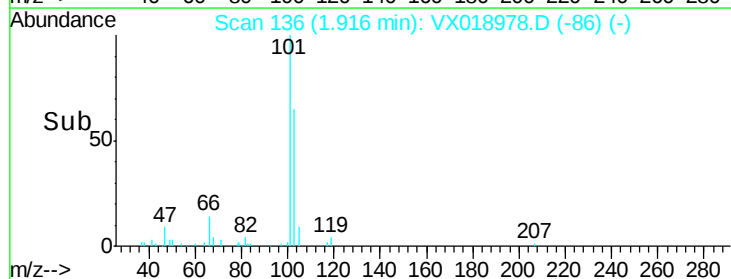
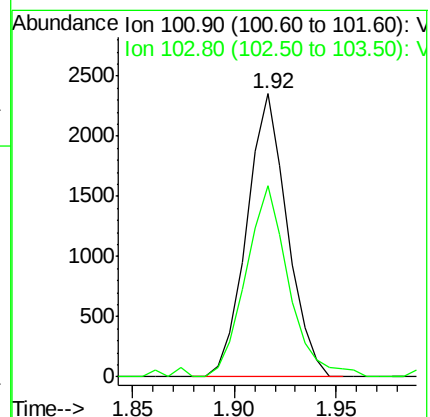
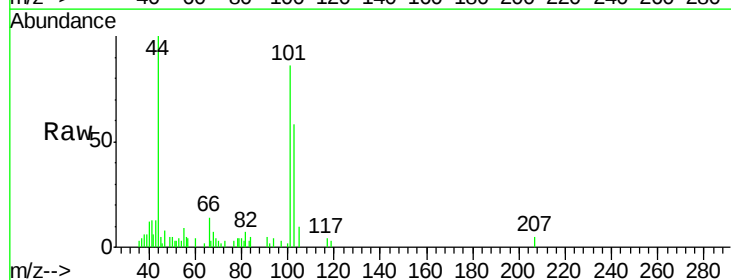
Acq: 20 Oct 2020 16:21

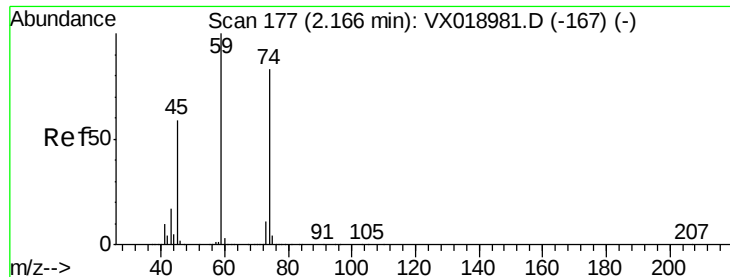
Tgt Ion: 101 Resp: 3251

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

Instrument :

MSVOA_X

ClientSampleId :

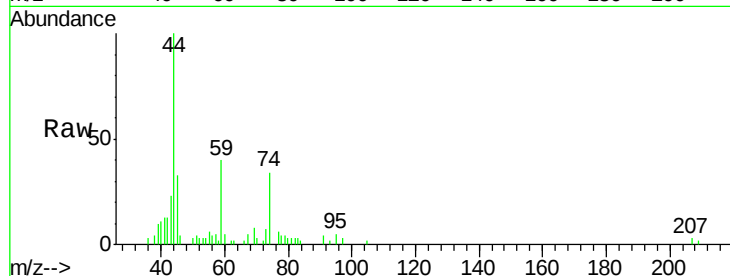
VSTDIC001

Tot Ion: 74 Resp: 1385

Ion Ratio Lower Upper

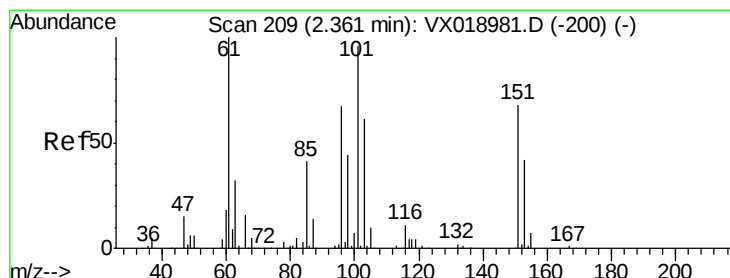
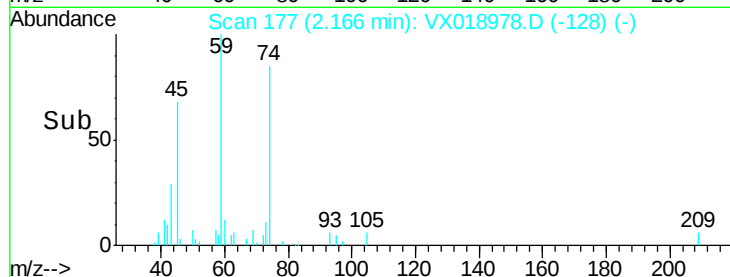
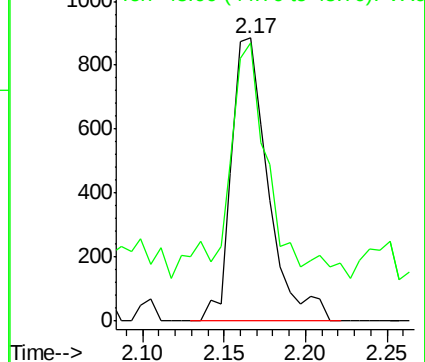
74 100

45 86.5 36.0 108.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#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

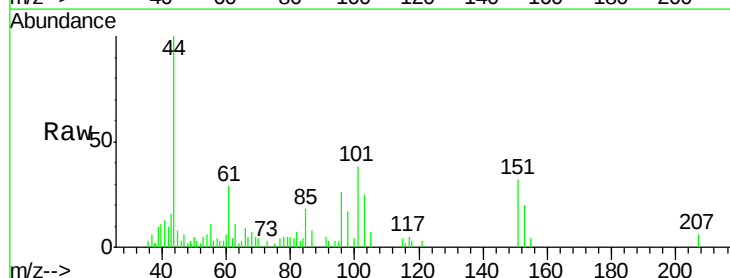
Tgt Ion: 101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 49.7 34.9 52.3

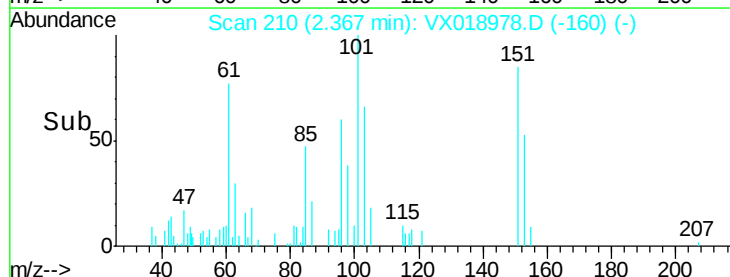
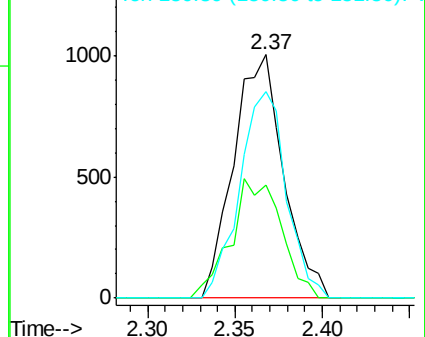
151 79.5 56.1 84.1

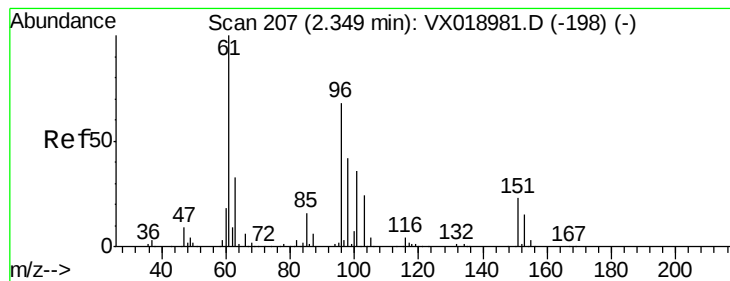


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

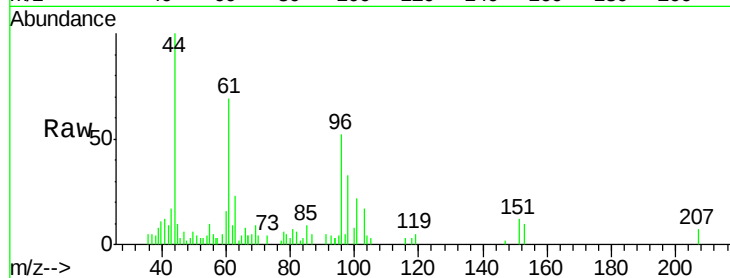
Tot Ion: 96 Resp: 2253

Ion Ratio Lower Upper

96 100

61 131.3 117.4 176.0

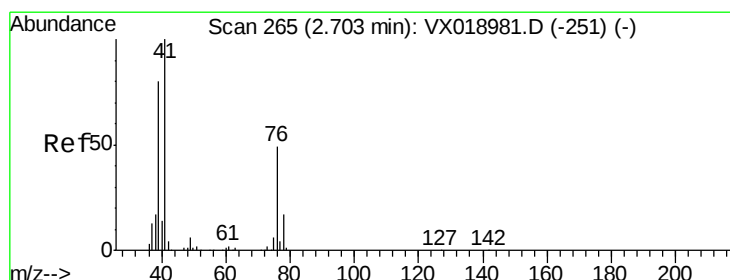
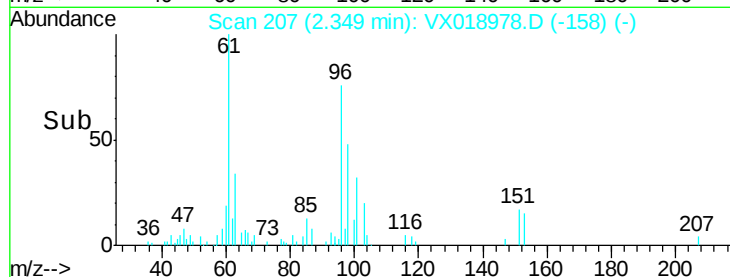
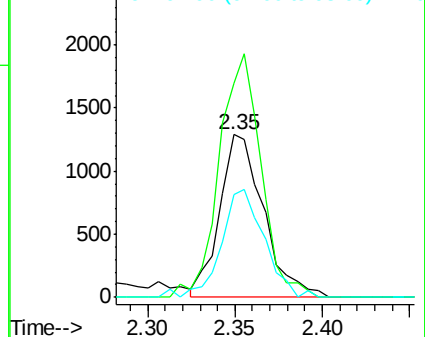
98 62.8 48.9 73.3



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



#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

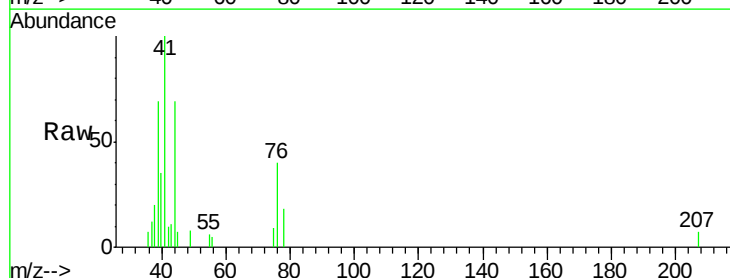
Tgt Ion: 41 Resp: 1946

Ion Ratio Lower Upper

41 100

39 86.3 57.8 86.8

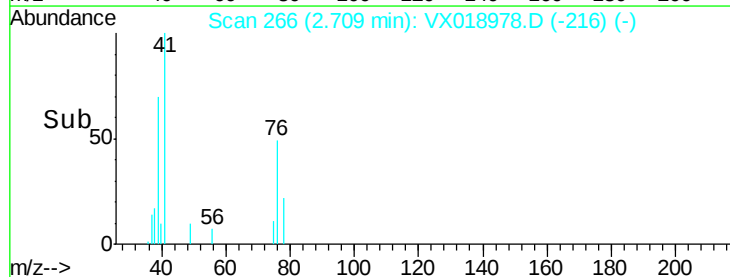
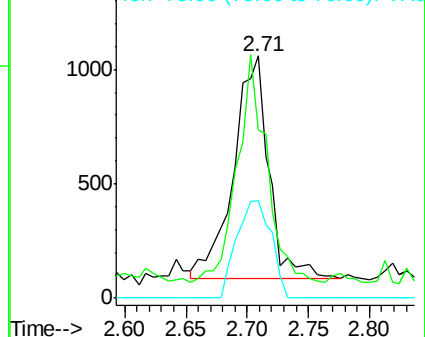
76 42.7 36.2 54.4

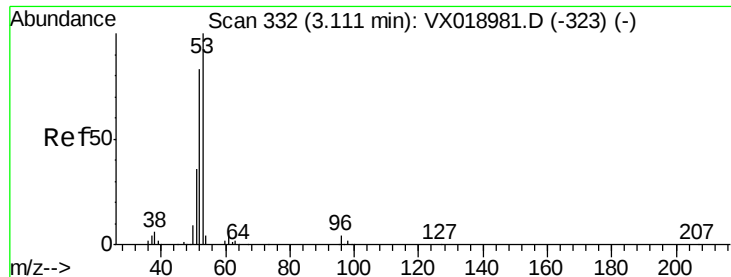


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#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

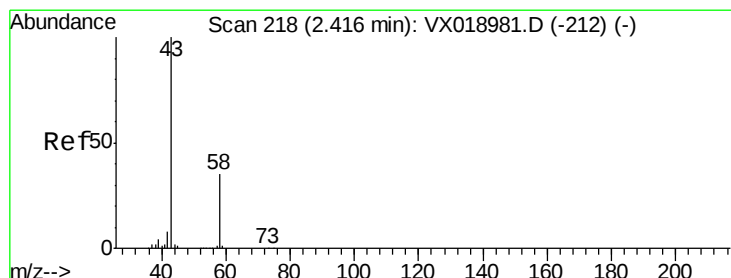
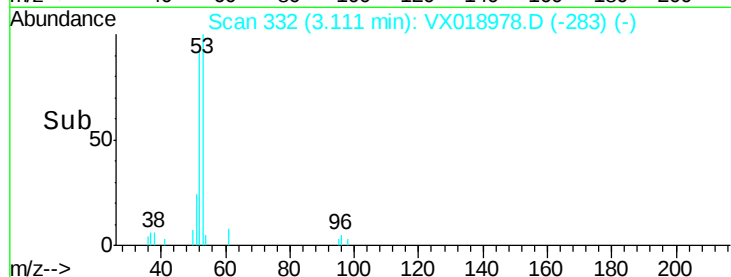
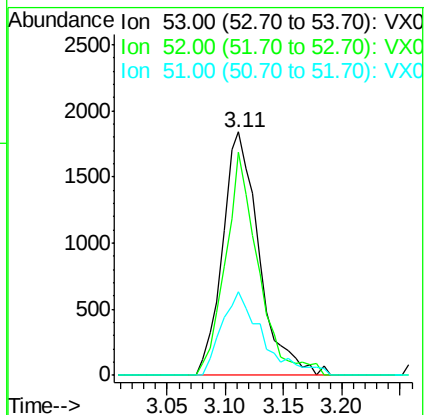
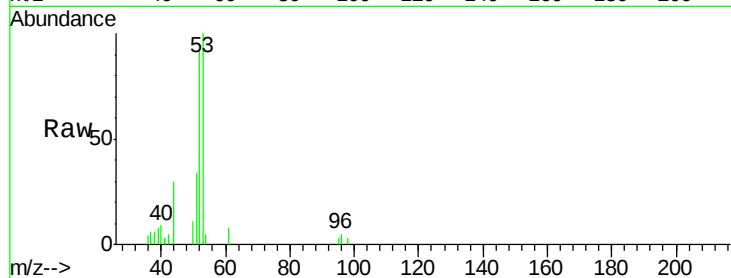
Tot Ion: 53 Resp: 4003

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

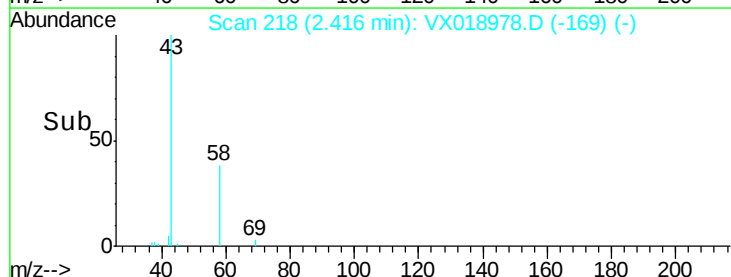
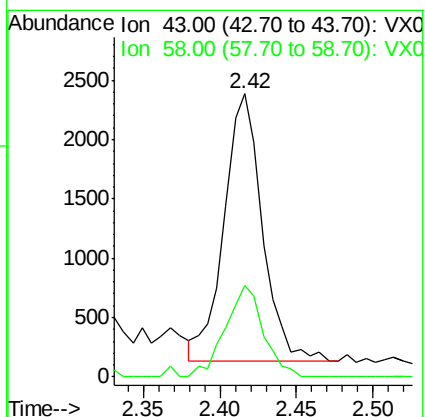
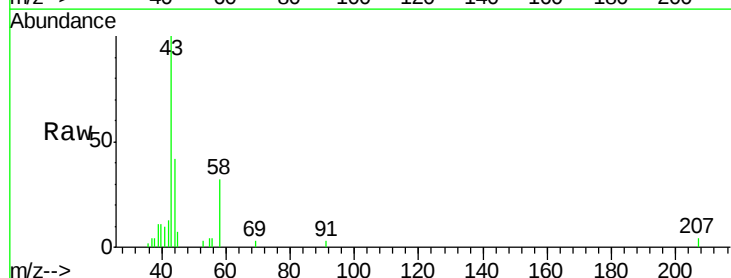
Acq: 20 Oct 2020 16:21

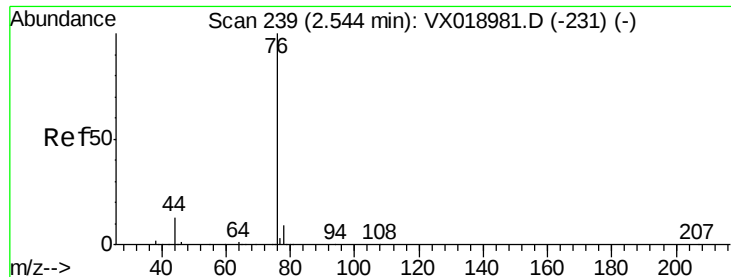
Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

43 100

58 34.4 27.9 41.9

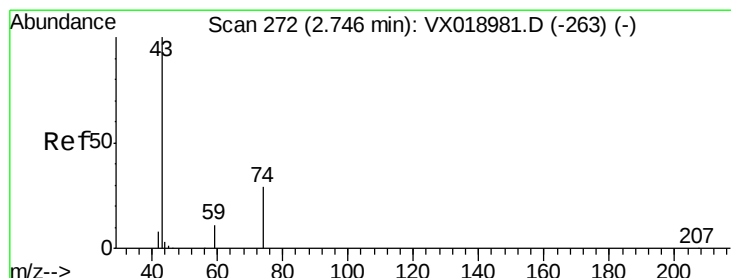
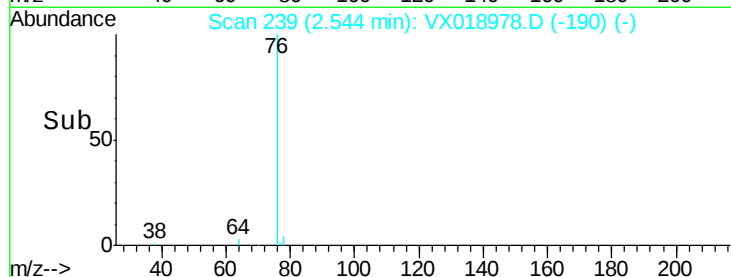
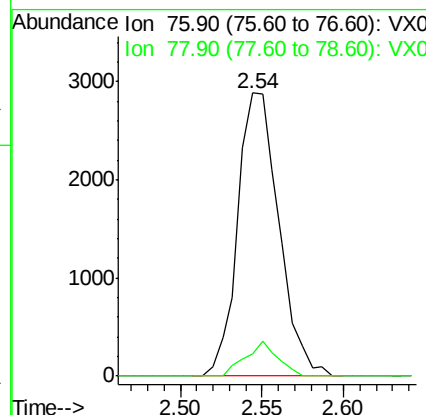
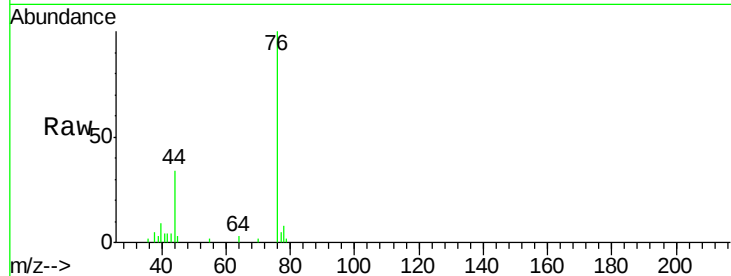




#17
Carbon Disulfide
Concen: 1.131 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

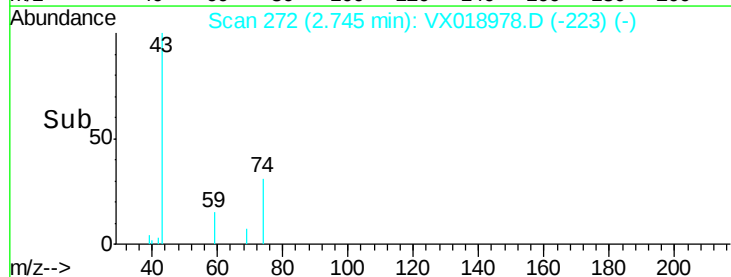
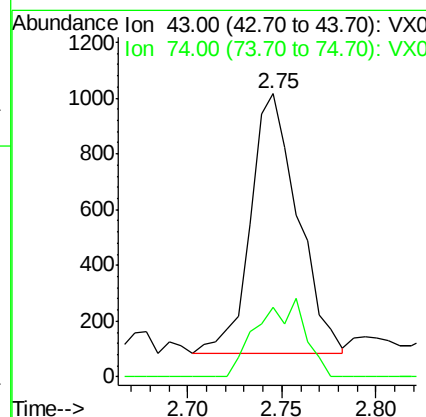
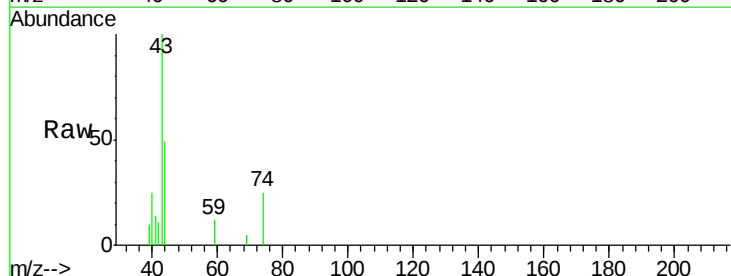
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

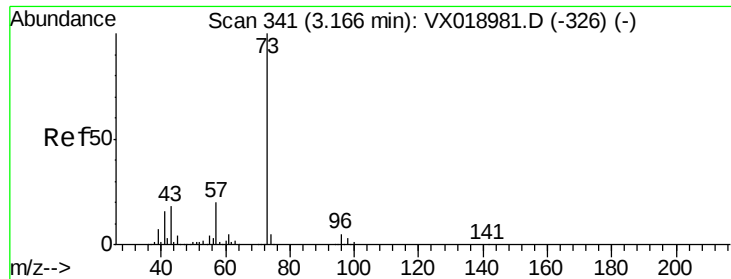
Tot Ion: 76 Resp: 5068
Ion Ratio Lower Upper
76 100
78 7.7 7.6 11.4



#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

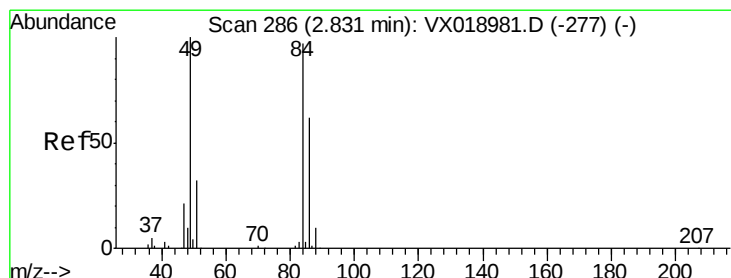
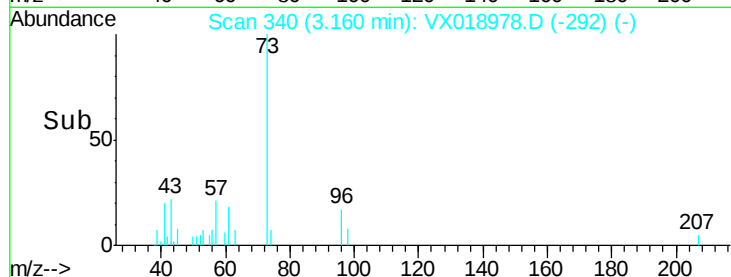
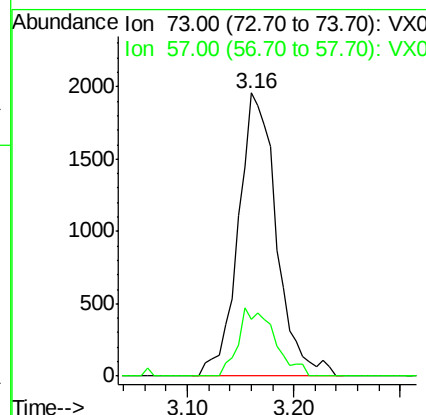
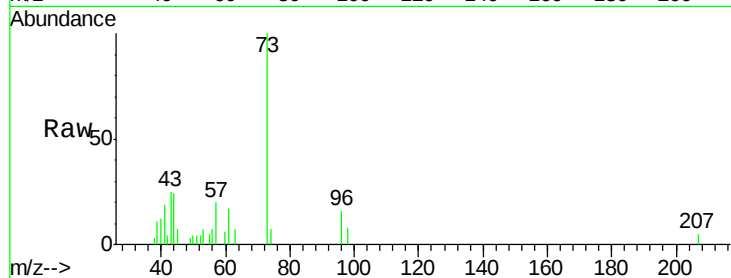




#19
Methyl tert-butyl Ether
Concen: 0.933 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

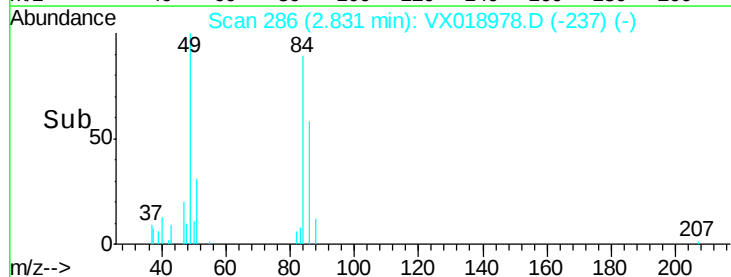
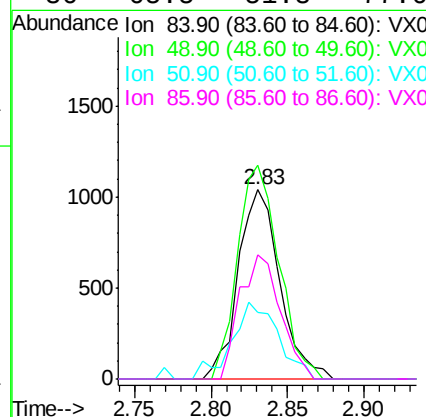
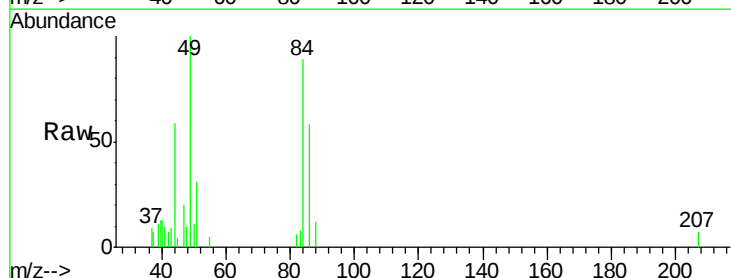
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

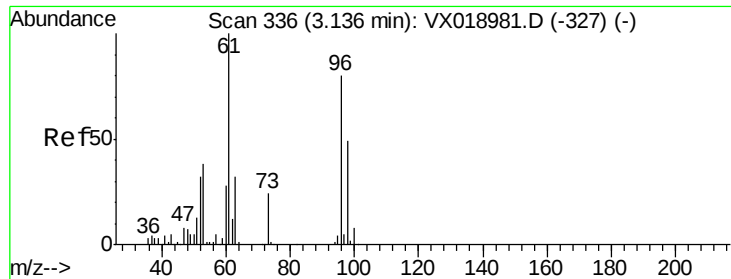
Tot Ion: 73 Resp: 4928
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.2



#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

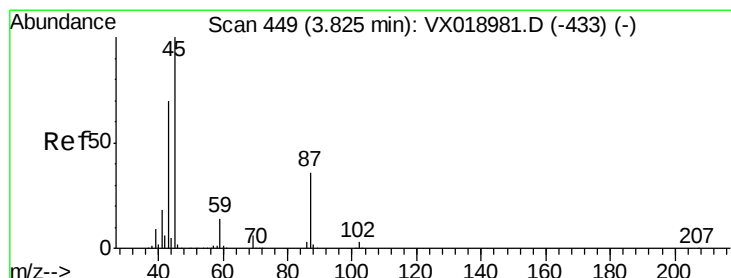
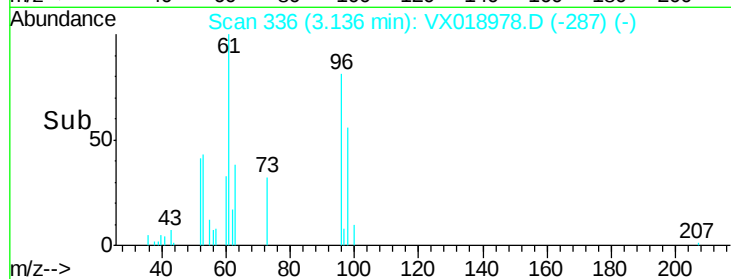
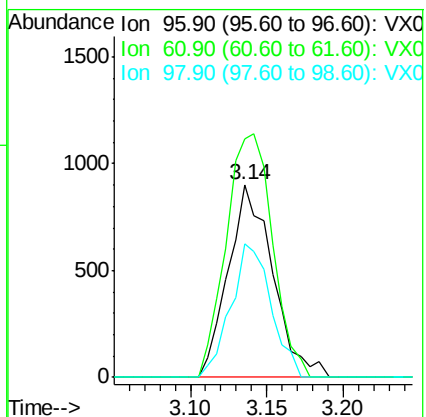
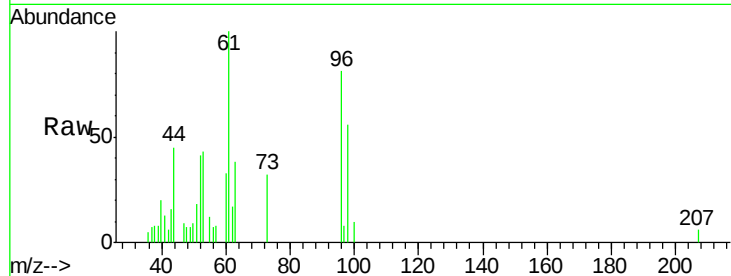
Tot Ion: 96 Resp: 1824

Ion Ratio Lower Upper

96 100

61 124.0 99.8 149.8

98 69.4 49.1 73.7



#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

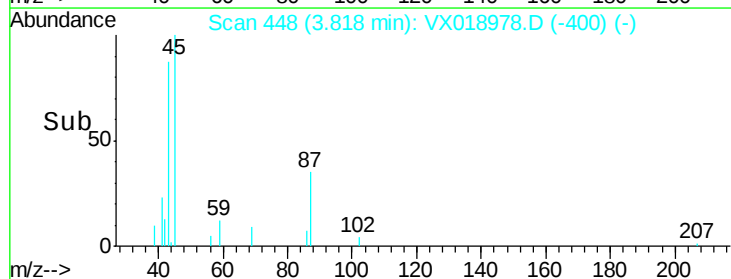
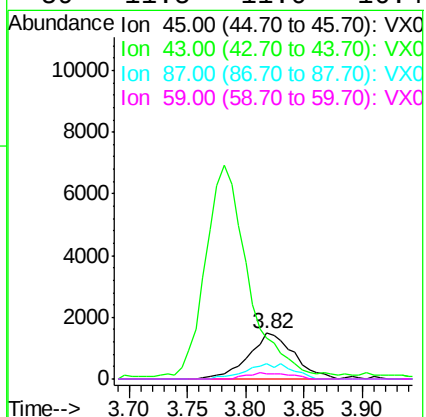
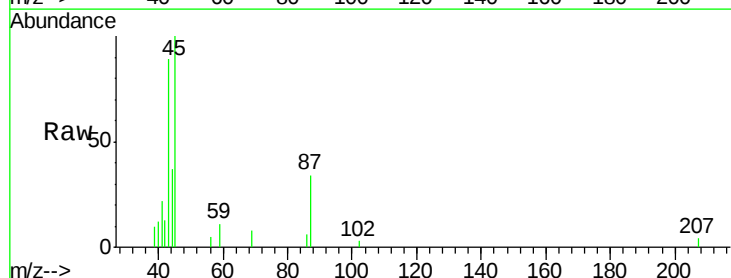
Ion Ratio Lower Upper

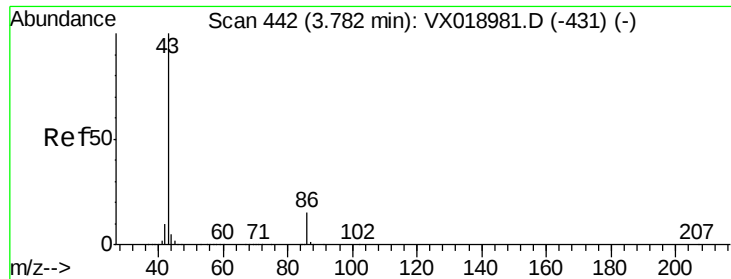
45 100

43 79.7 56.1 84.1

87 33.8 29.2 43.8

59 11.5 11.0 16.4





#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 :

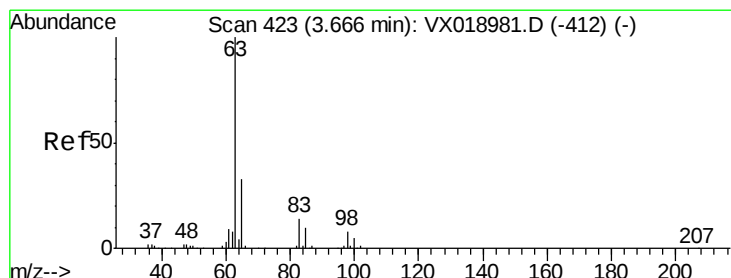
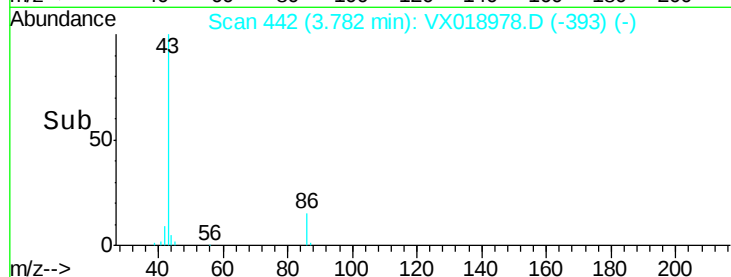
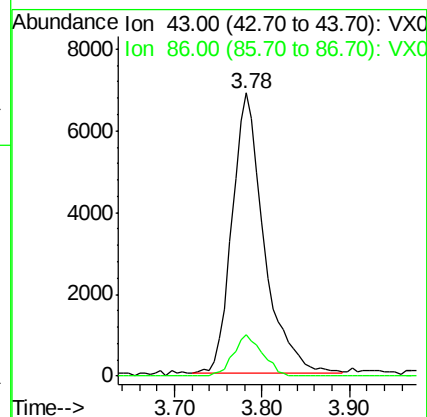
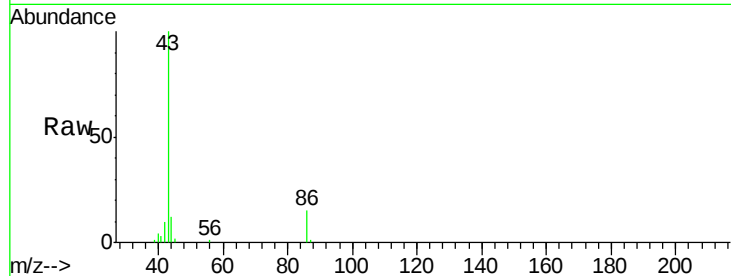
VSTDIC001

Tot Ion: 43 Resp: 17332

Ion Ratio Lower Upper

43 100

86 14.9 11.8 17.6



#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

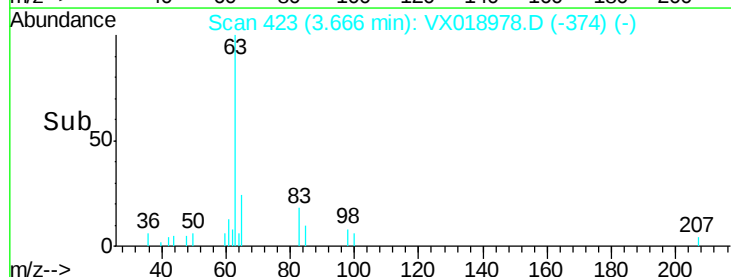
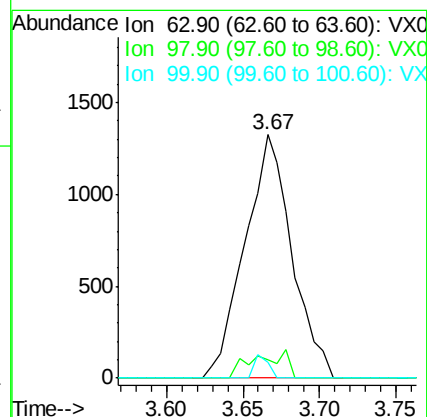
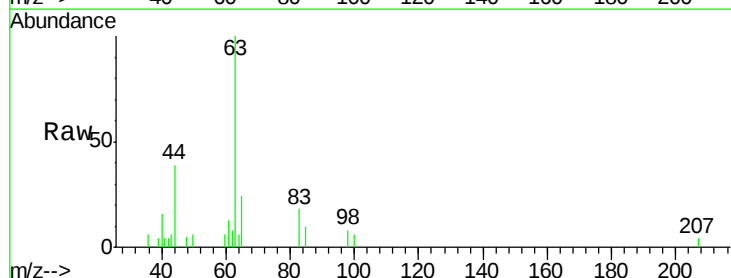
Tgt Ion: 63 Resp: 2820

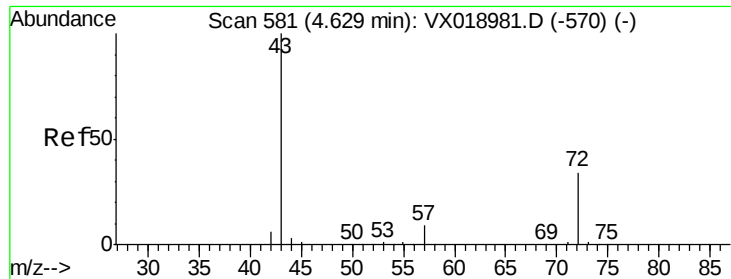
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 6.4 2.4 7.1

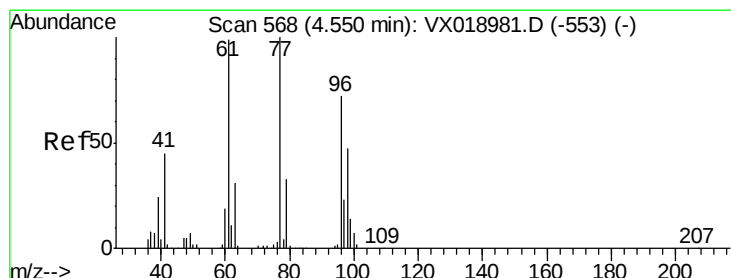
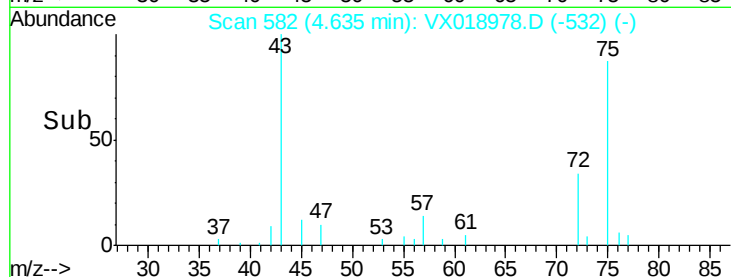
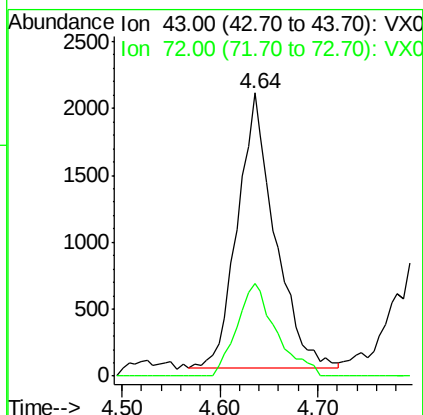
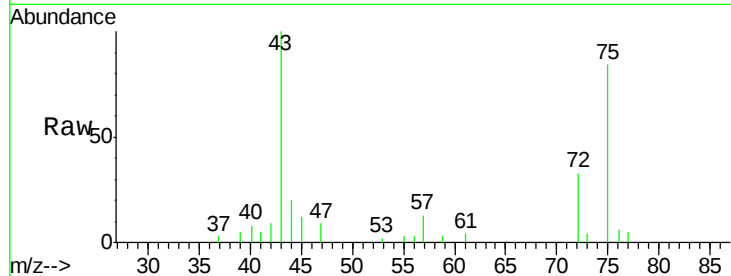




#25
2-Butanone
Concen: 4.624 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

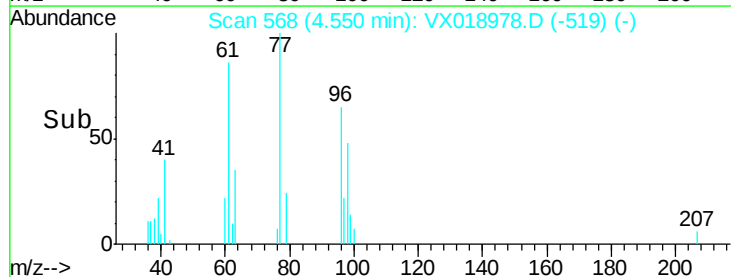
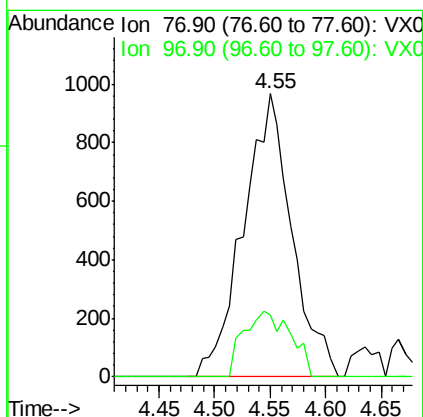
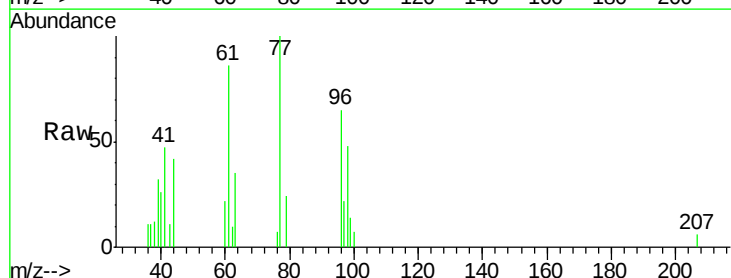
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

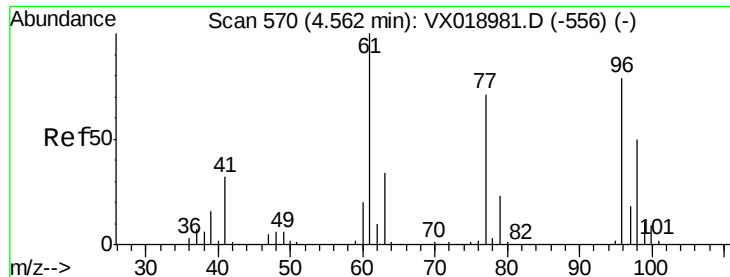
Tot Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
72 33.6 27.3 40.9



#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



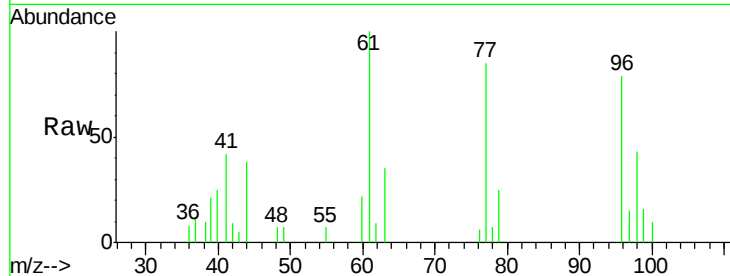


#27

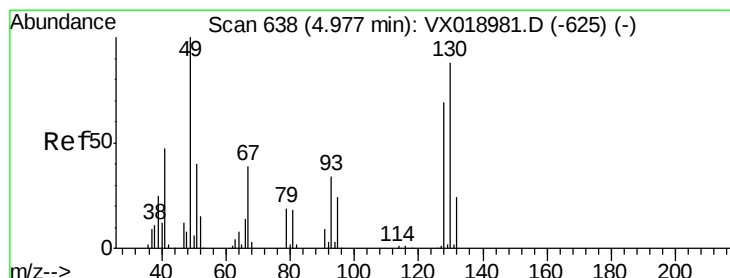
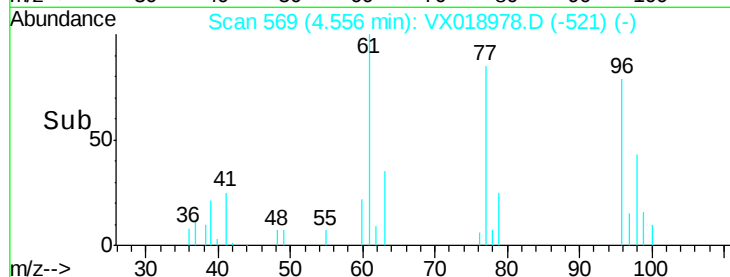
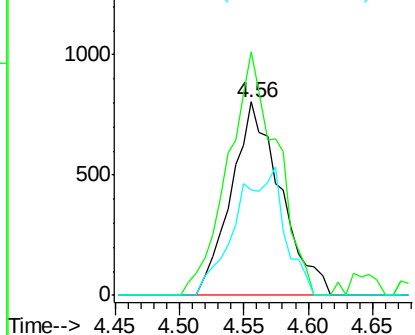
cis-1,2-Dichloroethene
Concen: 0.976 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

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



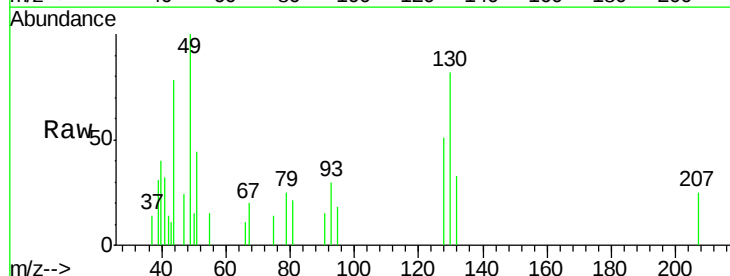
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



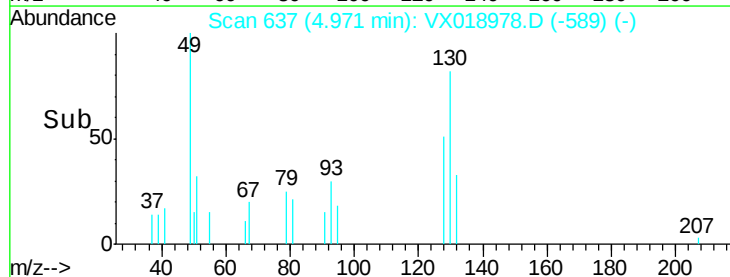
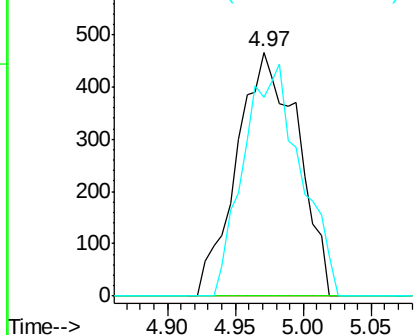
#28

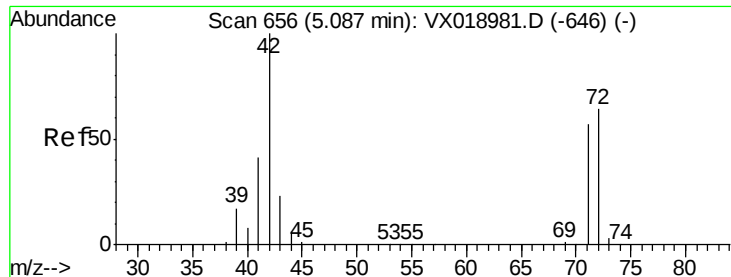
Bromochloromethane
Concen: 1.105 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

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

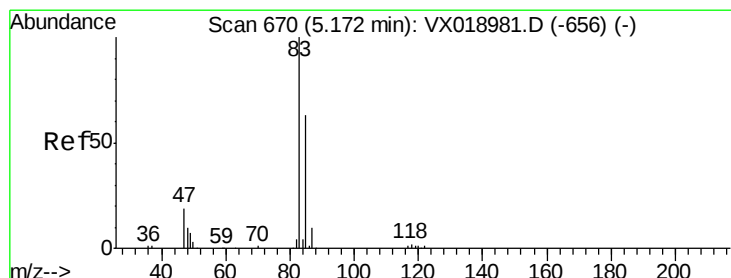
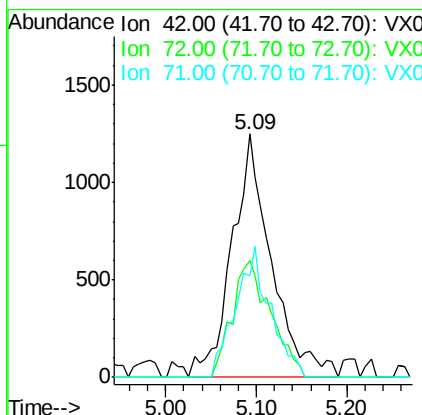
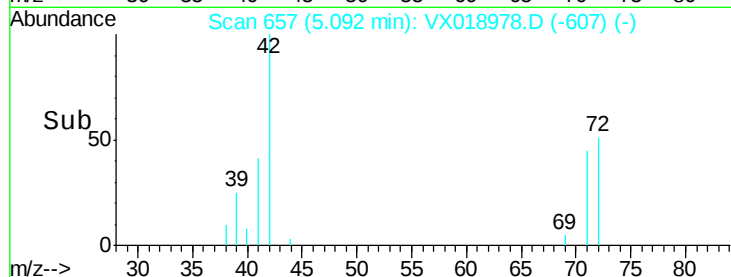
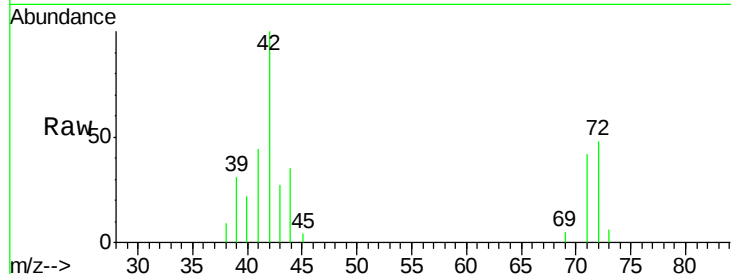




#29
Tetrahydrofuran
Concen: 5.429 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

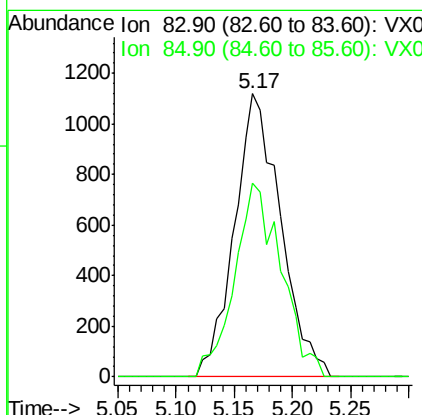
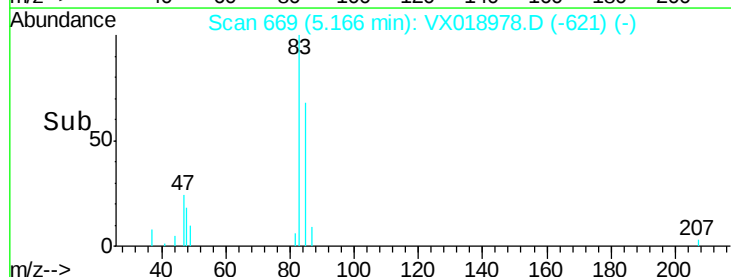
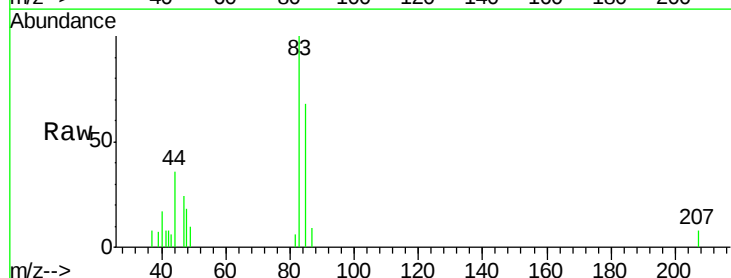
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

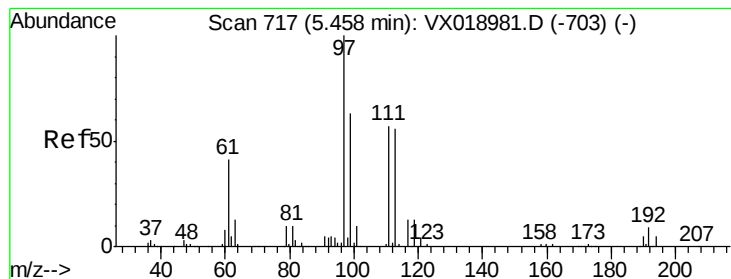
Tot Ion: 42 Resp: 3776
Ion Ratio Lower Upper
42 100
72 46.8 49.2 73.8#
71 47.1 45.3 67.9



#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





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

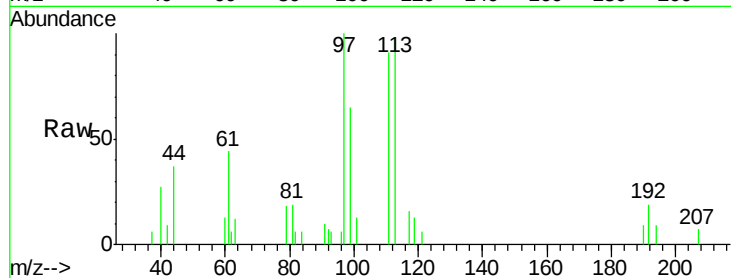
Tot Ion: 97 Resp: 2772

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 45.5 32.5 48.7

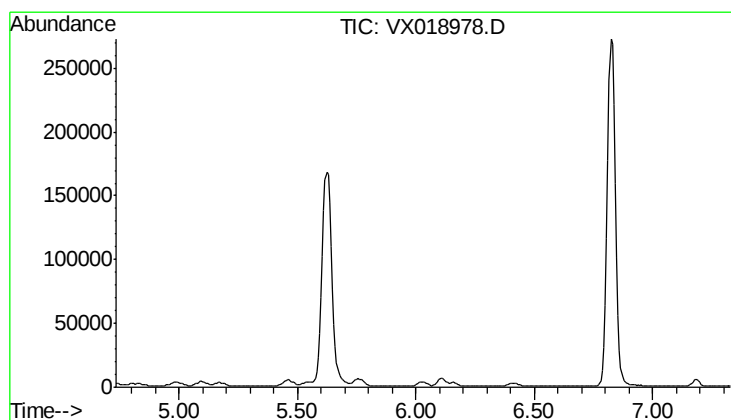
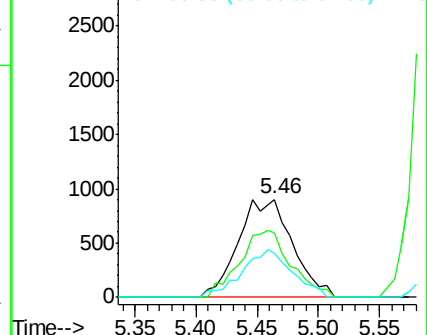
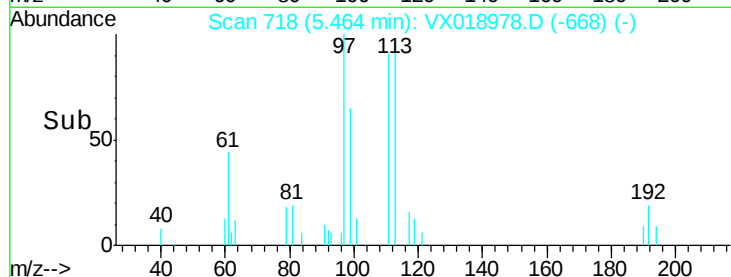


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX018978.D

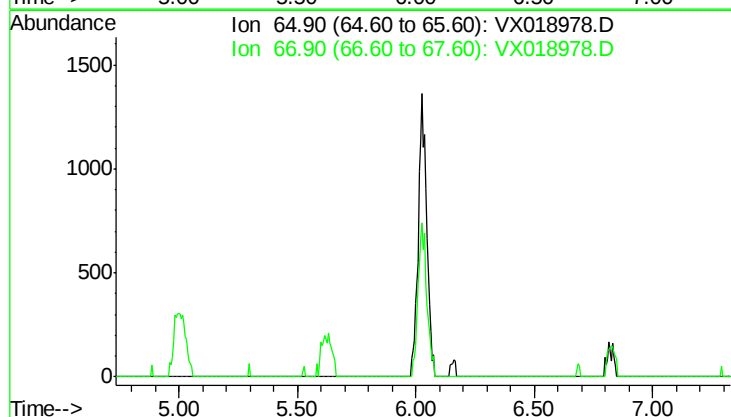
Acq: 20 Oct 2020 16:21

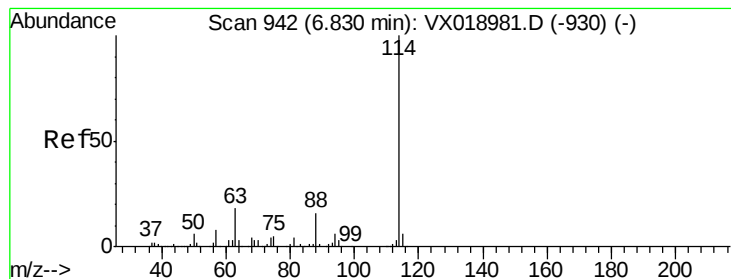
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.7





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

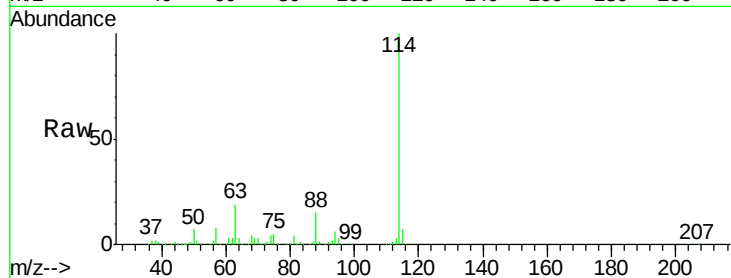
Tot Ion:114 Resp: 287130

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

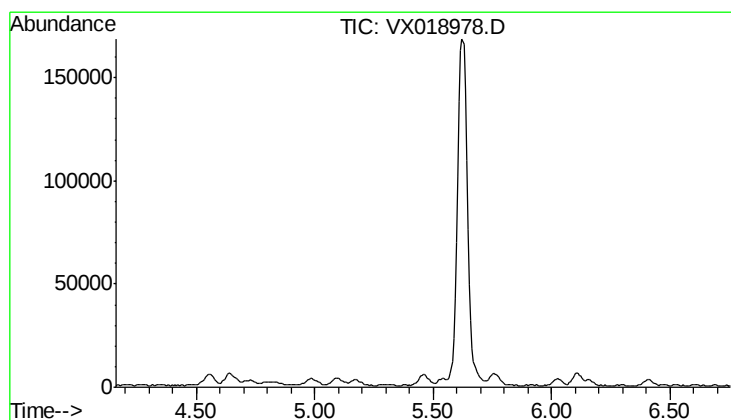
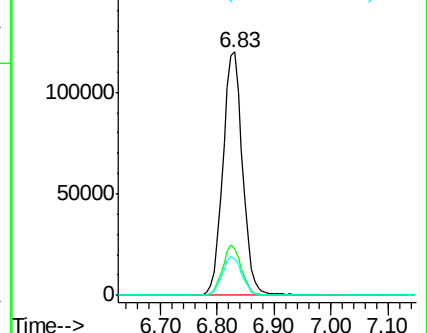
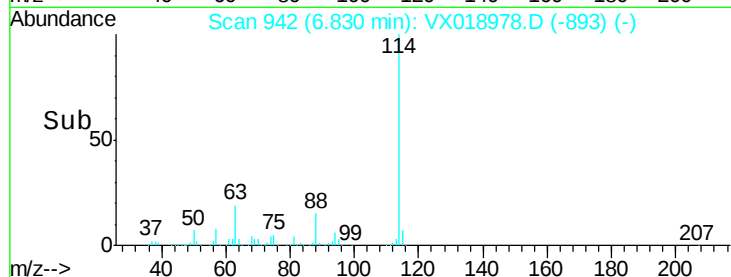
88 15.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.46 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

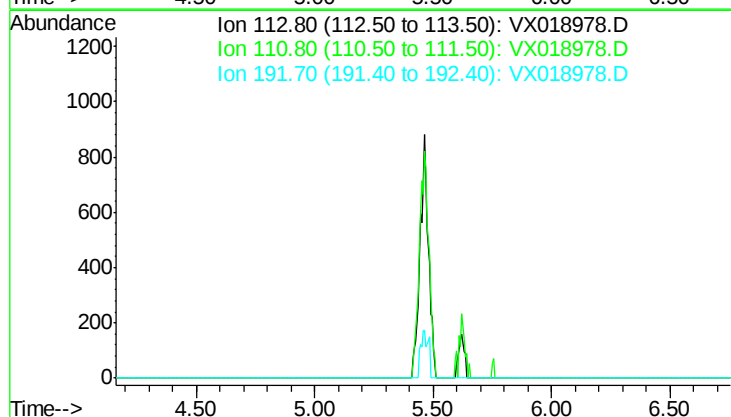
Tgt Ion: 113

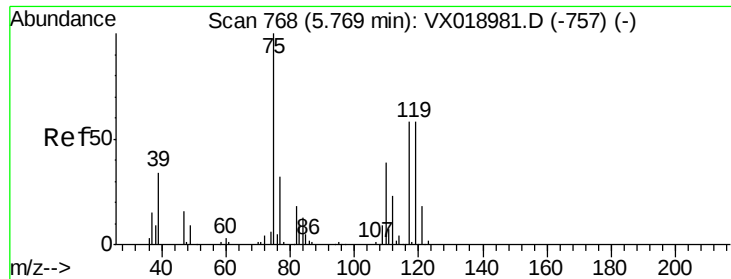
Sig Exp Ratio

113 100

111 105.1

192 18.4





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

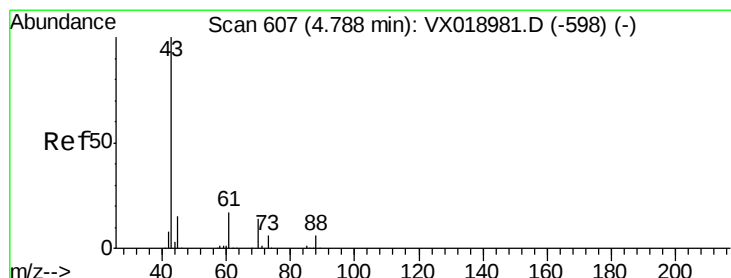
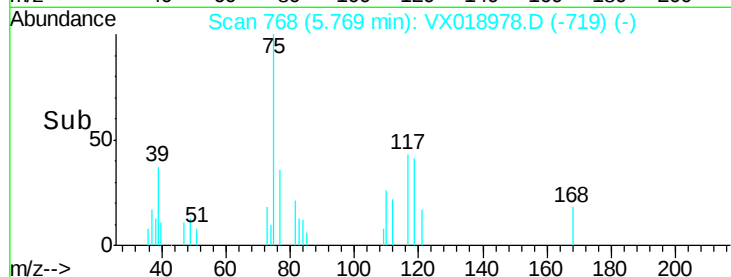
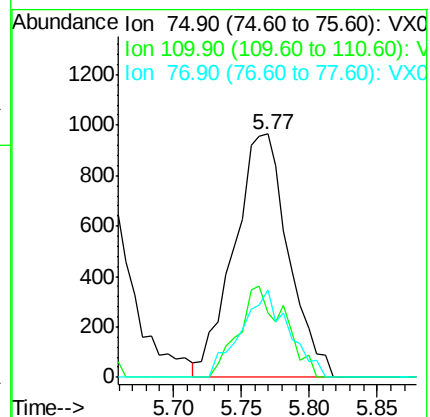
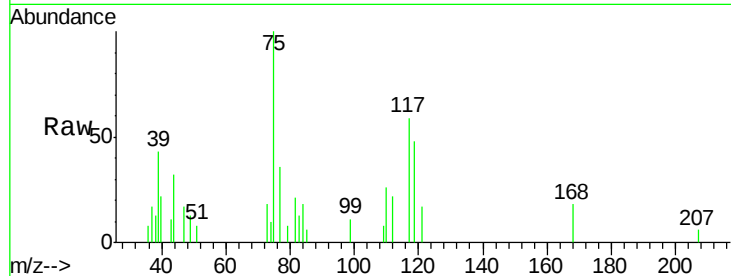
Tot Ion: 75 Resp: 2694

Ion Ratio Lower Upper

75 100

110 31.4 18.6 55.6

77 31.4 25.0 37.4



#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

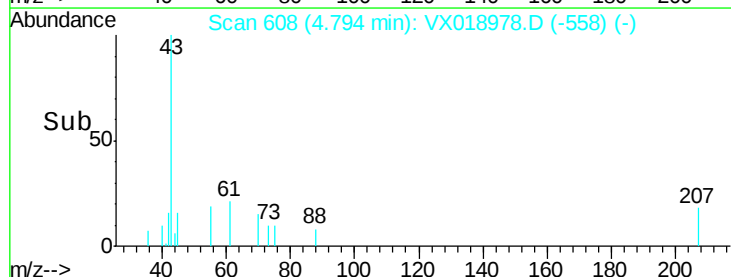
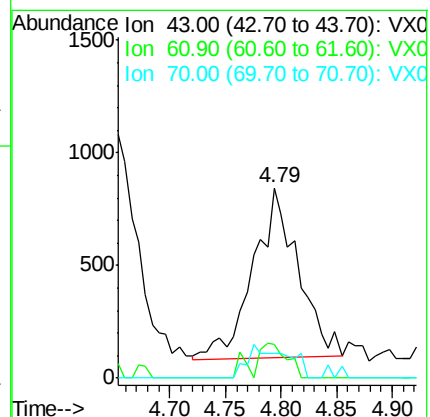
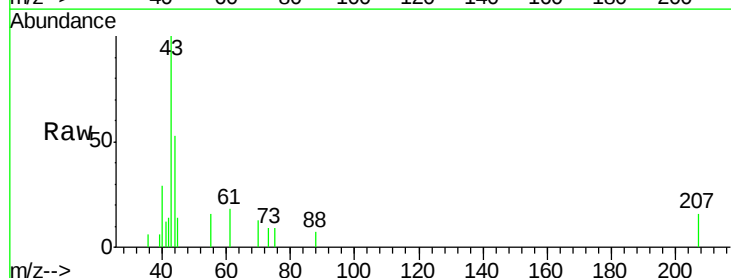
Tgt Ion: 43 Resp: 2136

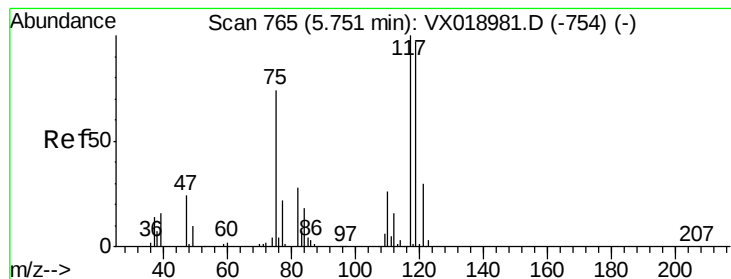
Ion Ratio Lower Upper

43 100

61 12.3 13.5 20.3#

70 17.3 11.4 17.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

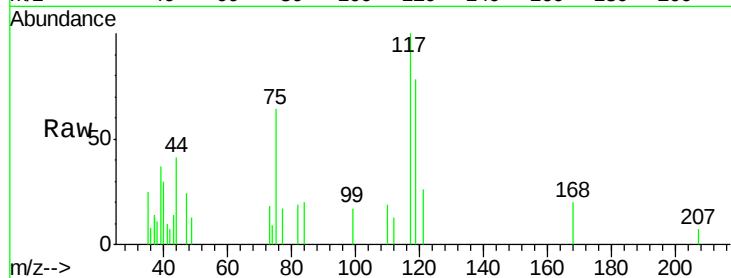
Tot Ion:117 Resp: 2413

Ion Ratio Lower Upper

117 100

119 77.6 77.6 116.4#

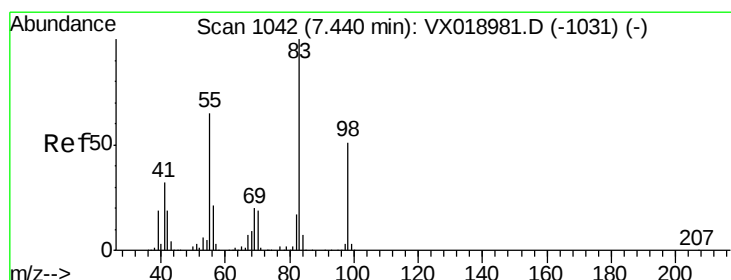
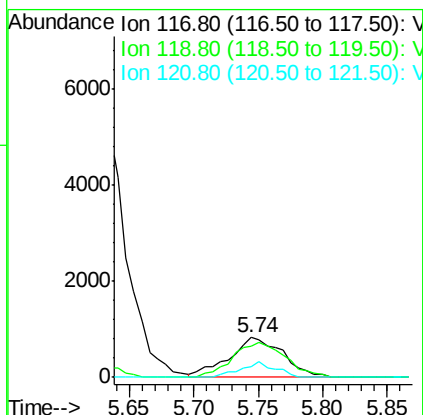
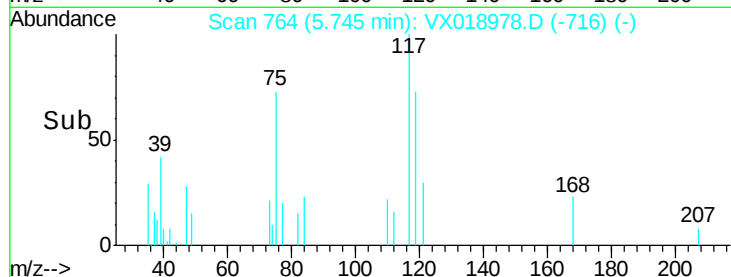
121 25.9 23.9 35.9



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

Methylcyclohexane

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

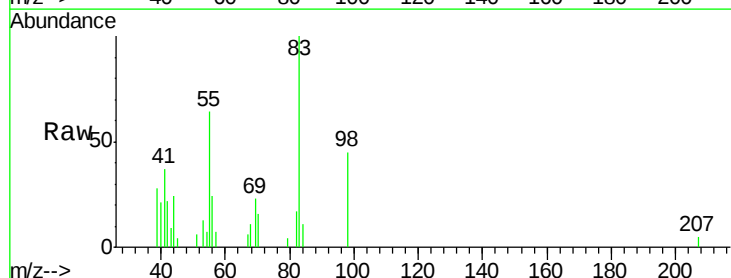
Tgt Ion: 83 Resp: 2560

Ion Ratio Lower Upper

83 100

55 63.7 52.2 78.4

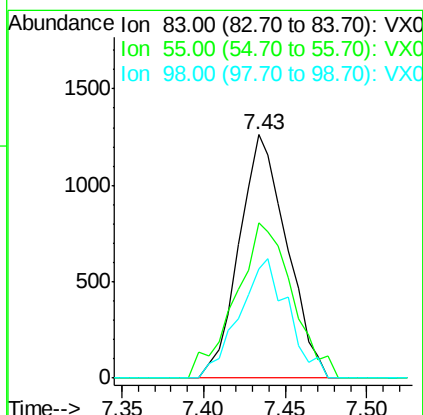
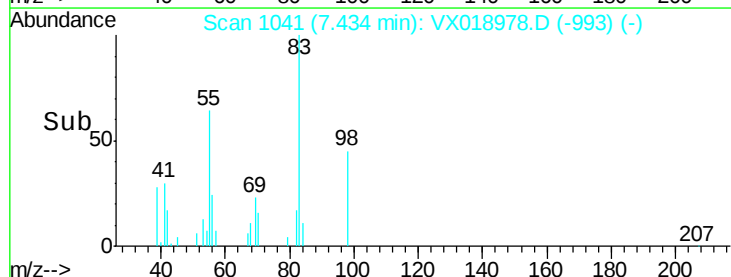
98 44.7 40.8 61.2

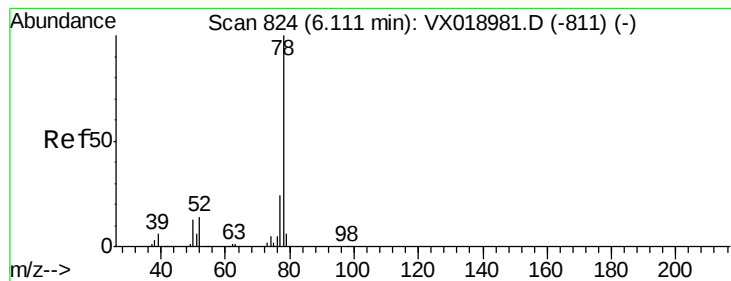


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 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

Instrument :

MSVOA_X

ClientSampleId :

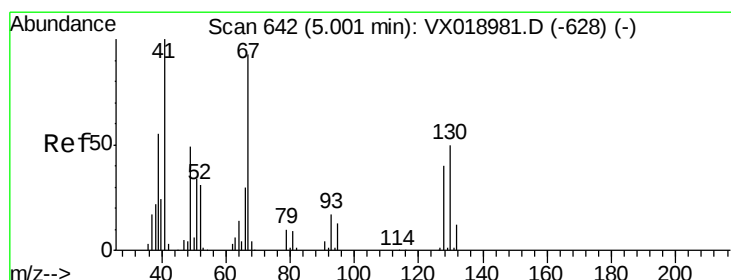
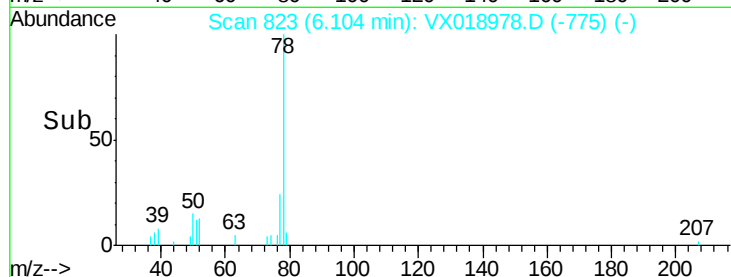
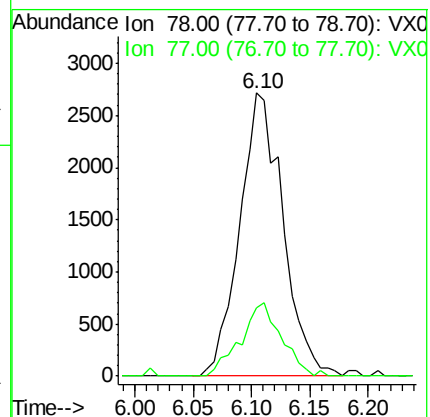
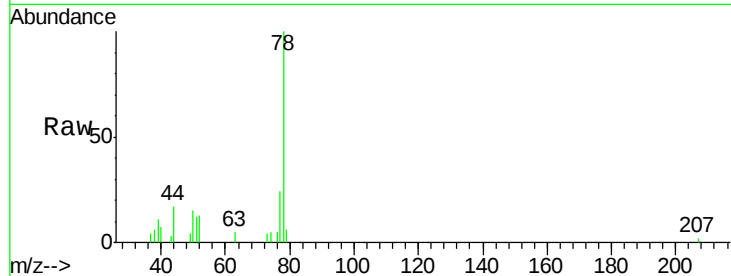
VSTDIC001

Tot 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

Tgt Ion: 41 Resp: 1168

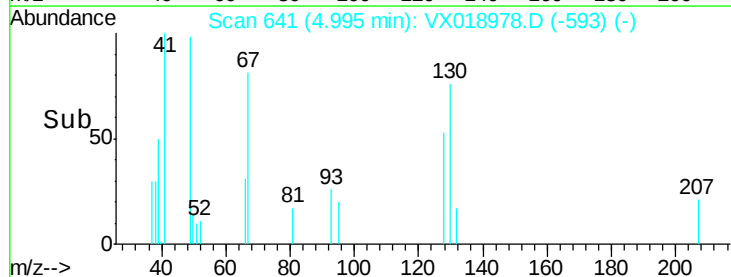
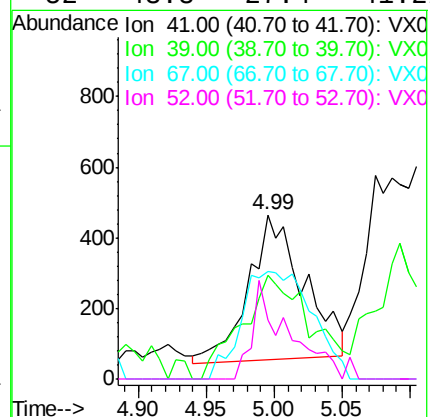
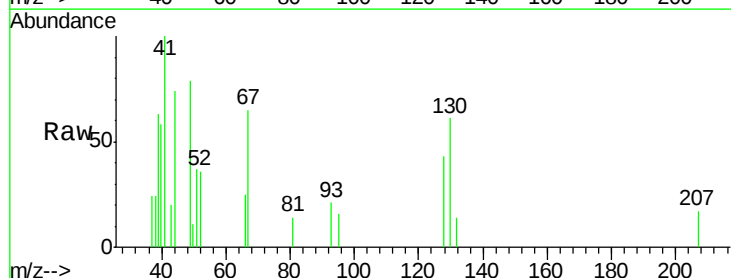
Ion Ratio Lower Upper

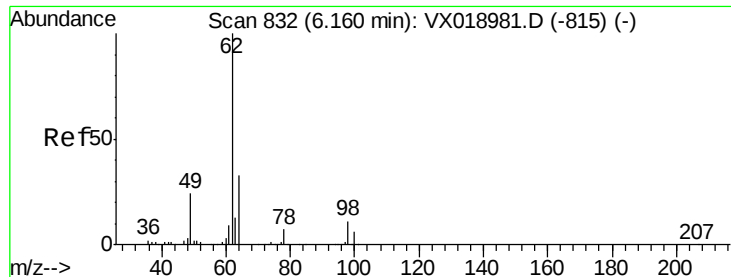
41 100

39 89.9 44.3 66.5#

67 94.9 74.7 112.1

52 43.8 27.4 41.2#





#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

Instrument :

MSVOA_X

ClientSampleId :

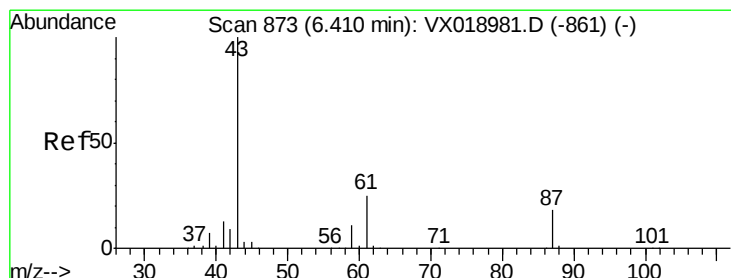
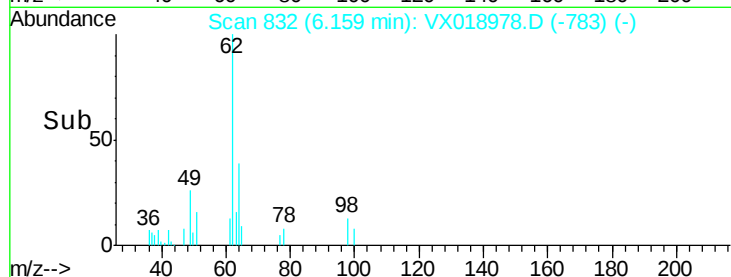
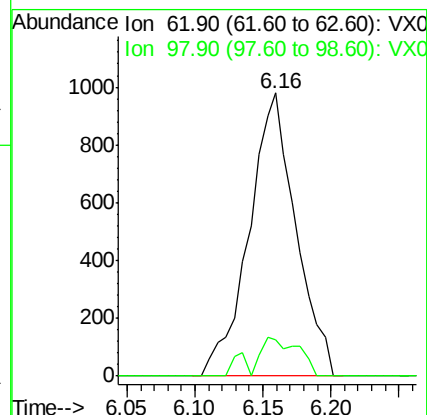
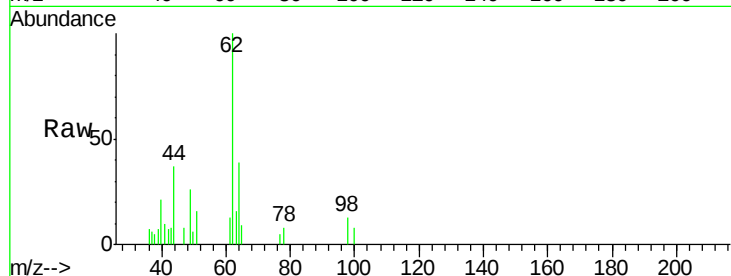
VSTDIC001

Tot Ion: 62 Resp: 2361

Ion Ratio Lower Upper

62 100

98 10.8 0.0 20.4



#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

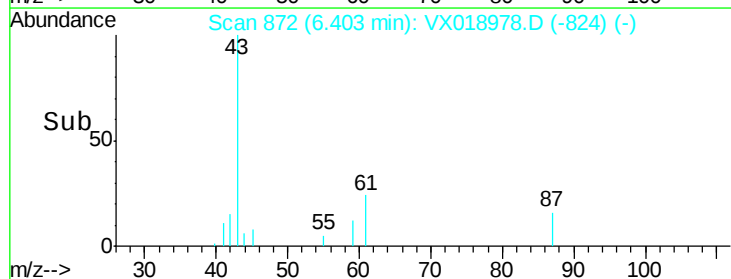
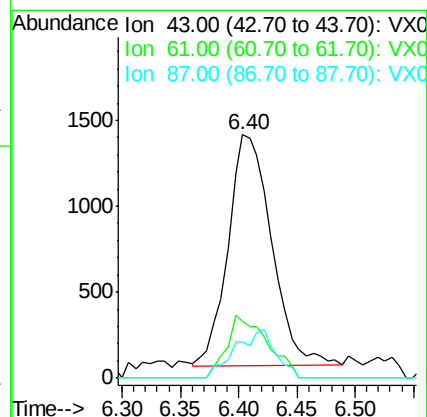
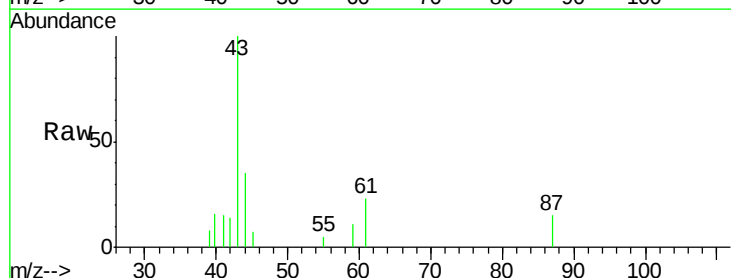
Tgt Ion: 43 Resp: 3499

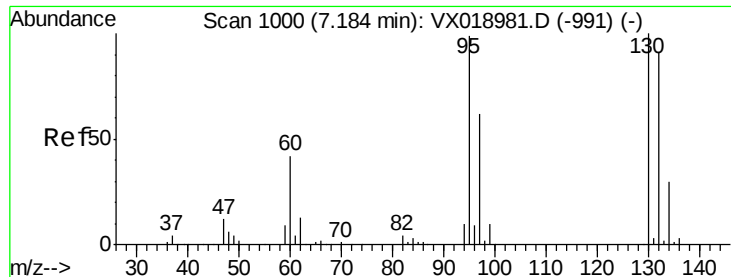
Ion Ratio Lower Upper

43 100

61 25.1 19.3 28.9

87 0.0 14.3 21.5#





#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

Instrument :

MSVOA_X

ClientSampleId :

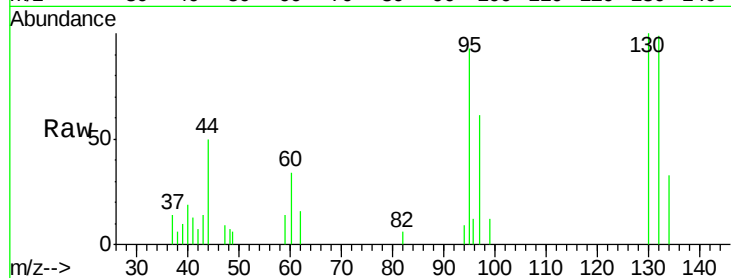
VSTDIC001

Tot Ion:130 Resp: 1956

Ion Ratio Lower Upper

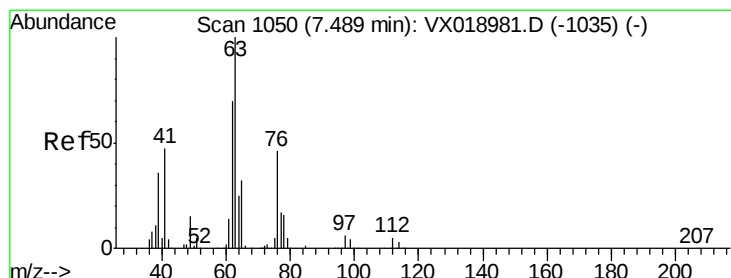
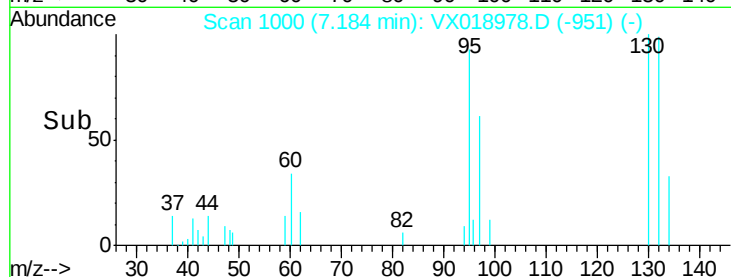
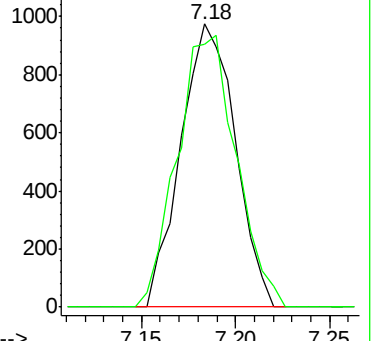
130 100

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

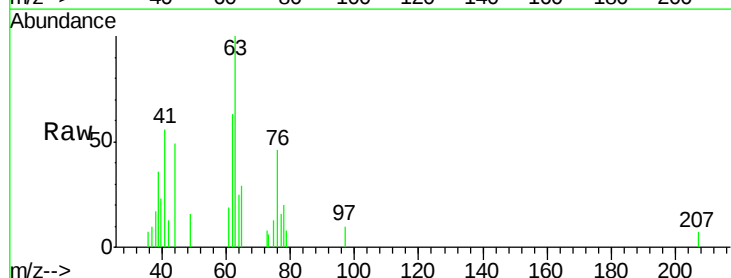
Acq: 20 Oct 2020 16:21

Tgt Ion: 63 Resp: 1812

Ion Ratio Lower Upper

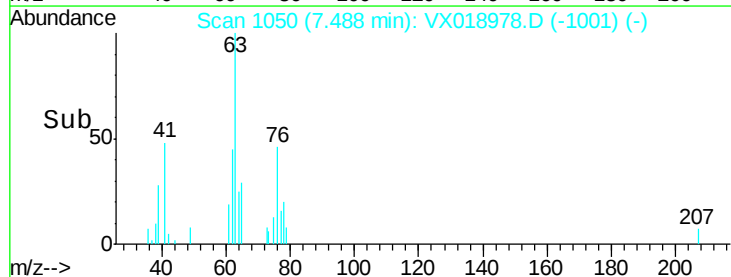
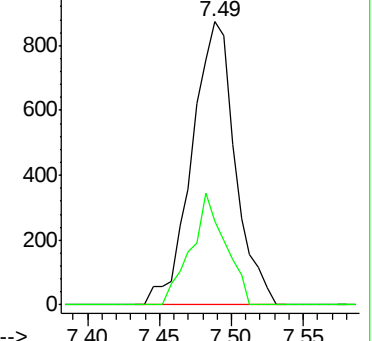
63 100

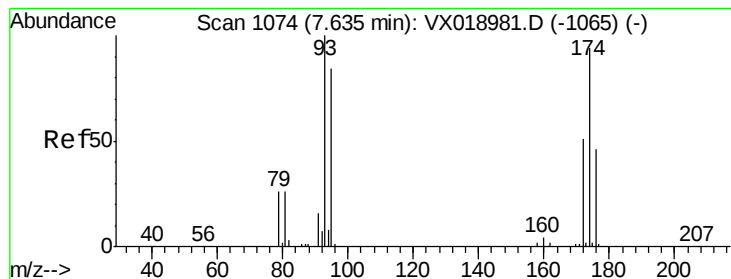
65 29.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

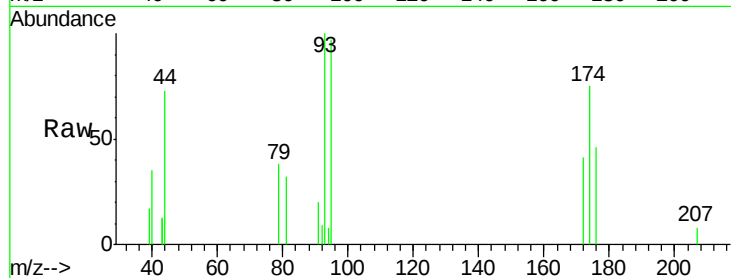
Tot Ion: 93 Resp: 1307

Ion Ratio Lower Upper

93 100

95 92.0 66.2 99.4

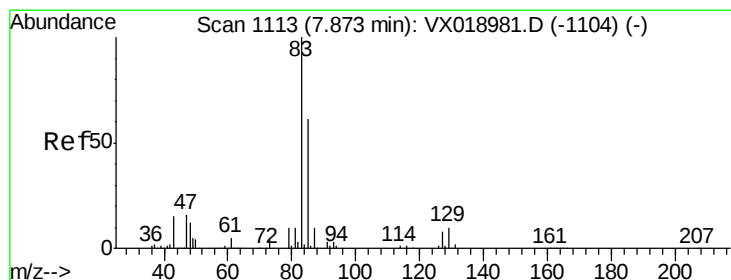
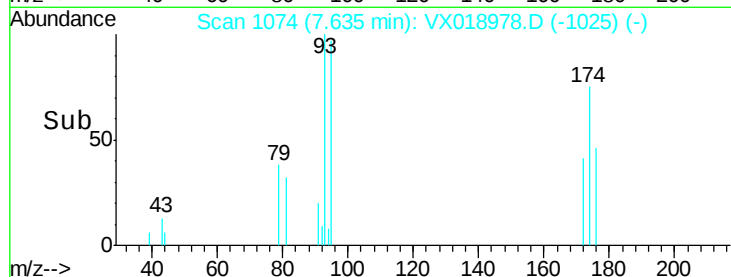
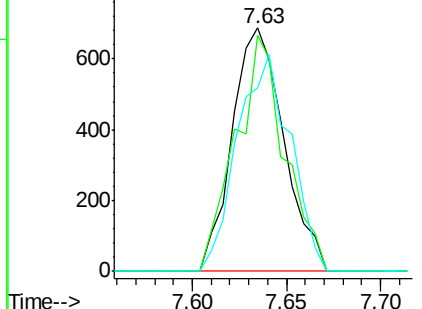
174 91.2 74.5 111.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 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

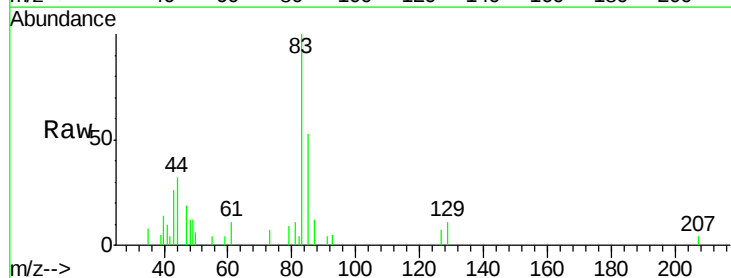
Tgt Ion: 83 Resp: 2469

Ion Ratio Lower Upper

83 100

85 53.0 48.6 73.0

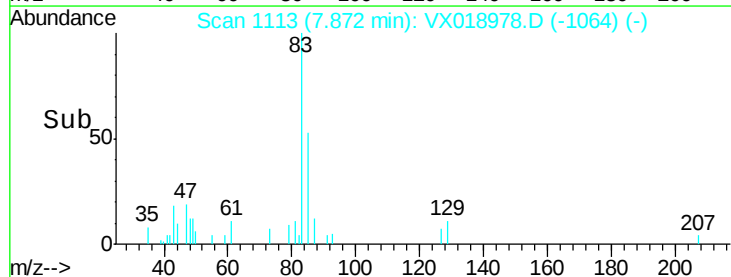
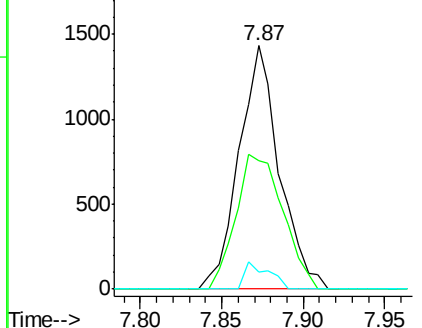
127 7.2 6.3 9.5

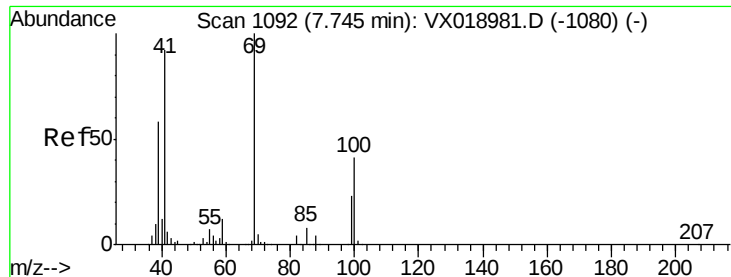


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

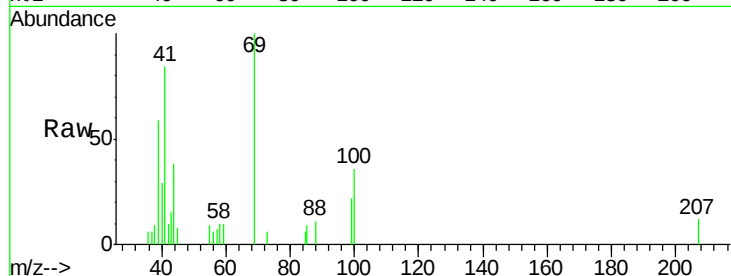




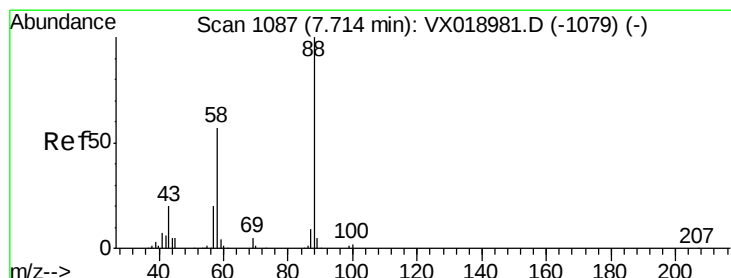
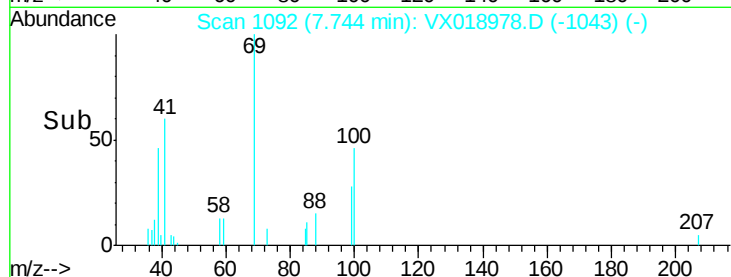
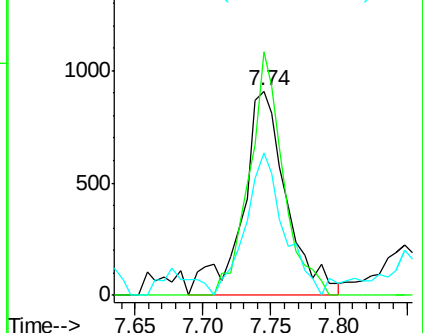
#48
Methvl methacrylate
Concen: 1.101 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 41 Resp: 2054
Ion Ratio Lower Upper
41 100
69 92.5 88.0 132.0
39 60.5 49.9 74.9

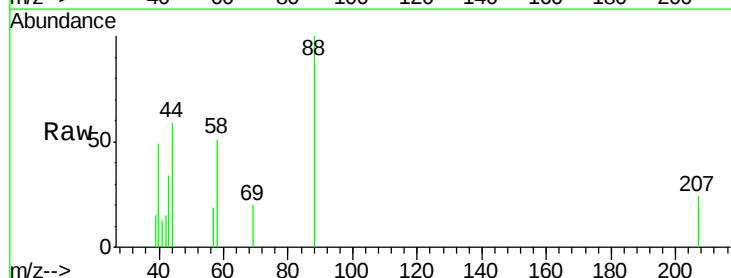


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

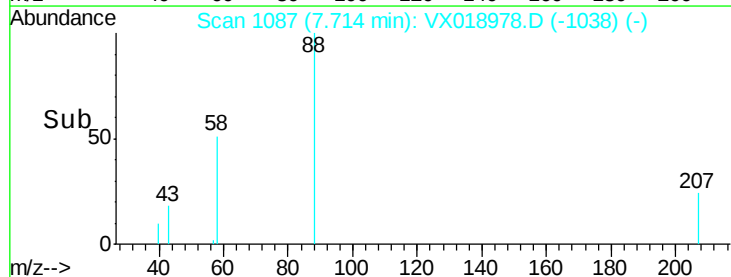
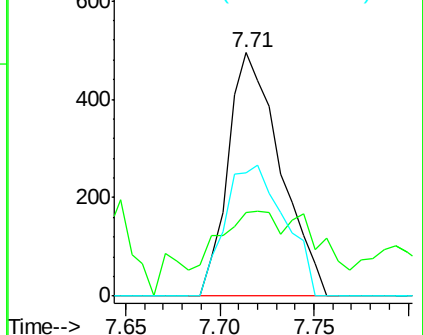


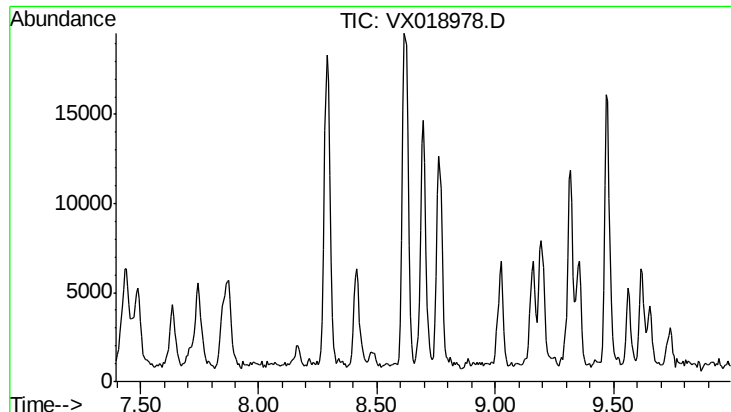
#49
1,4-Dioxane
Concen: 20.343 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

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



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

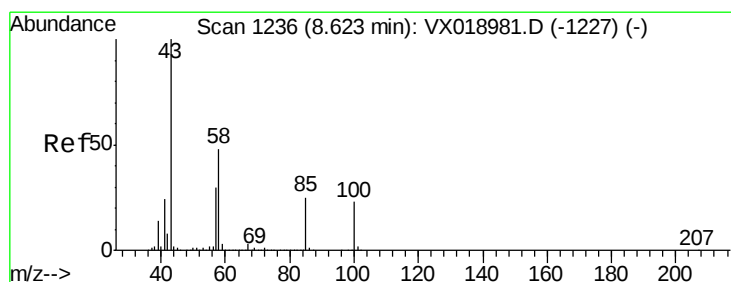
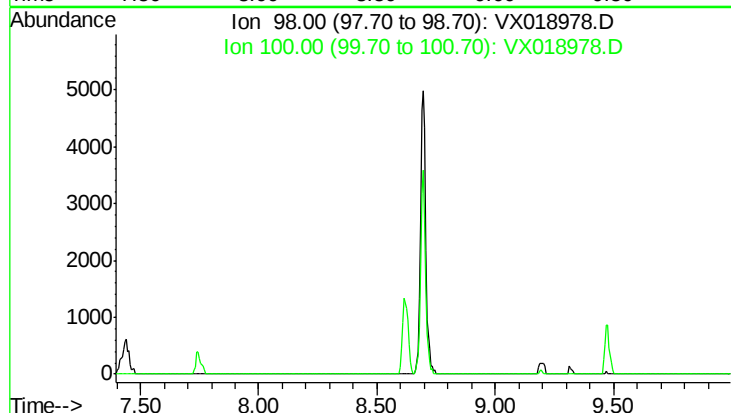




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

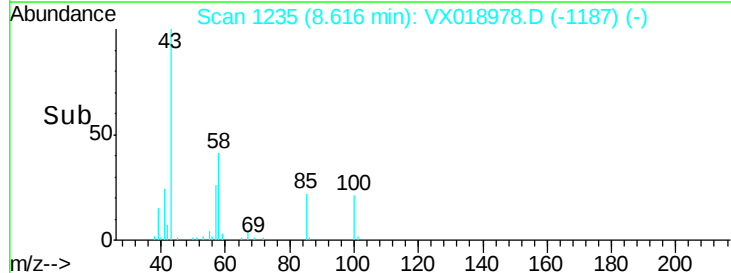
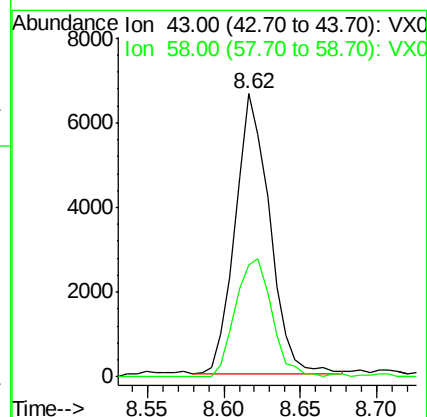
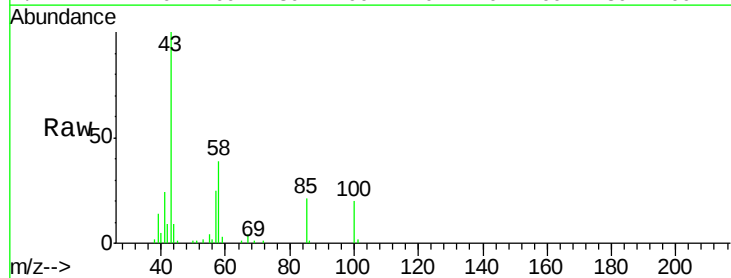
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

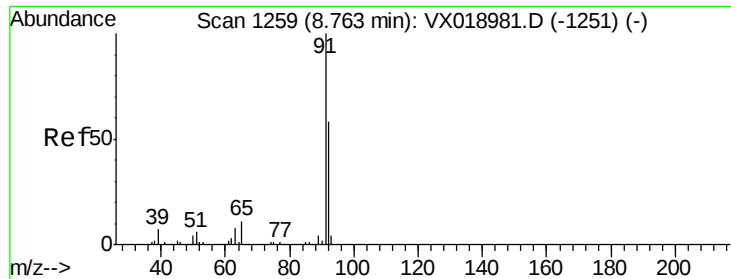
Tot Ion: 98
Sig Exp Ratio
98 100
100 65.7



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

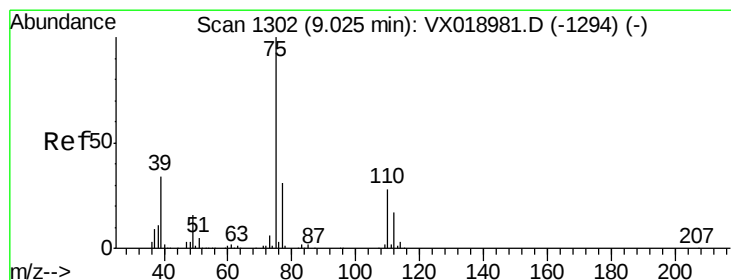
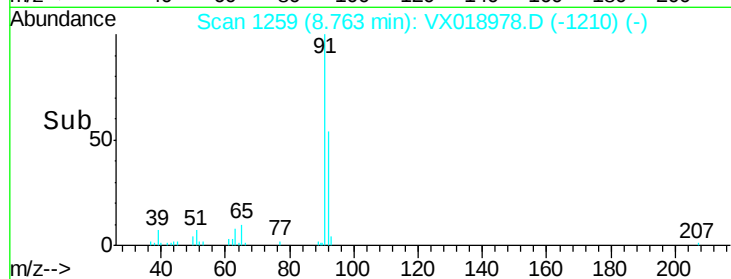
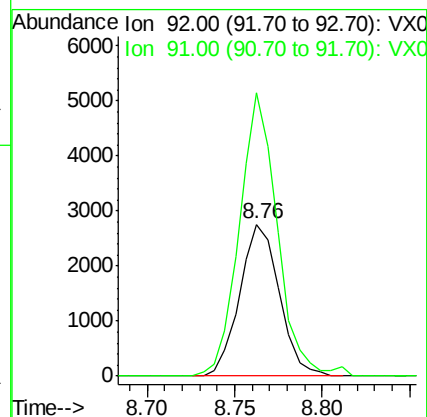
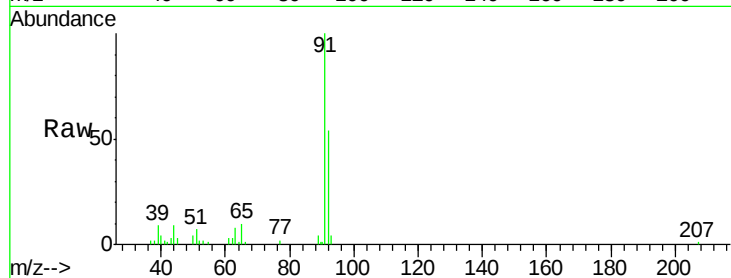
VSTDIC001

Tot 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

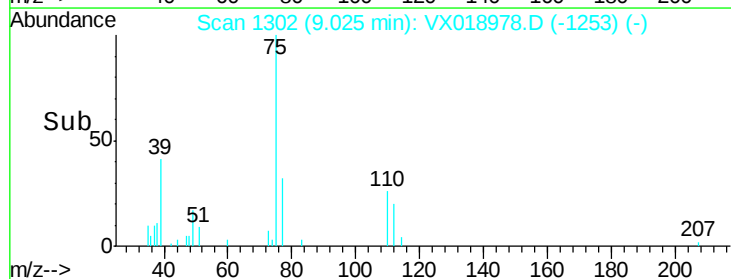
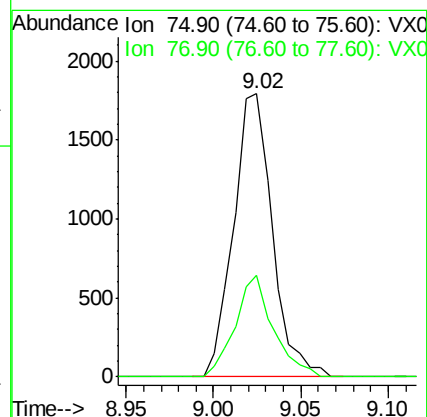
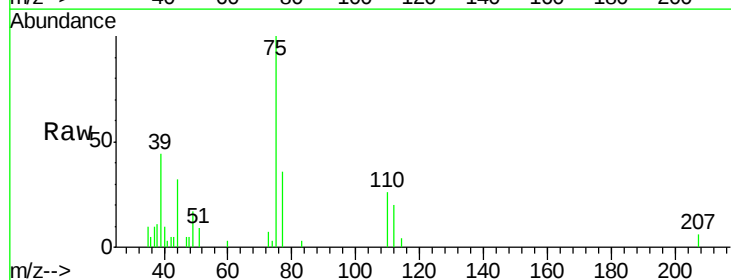
Acq: 20 Oct 2020 16:21

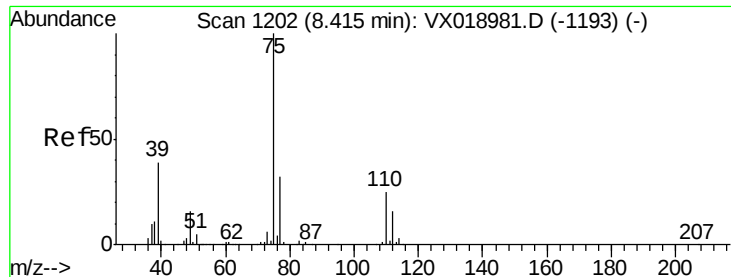
Tgt Ion: 75 Resp: 2768

Ion Ratio Lower Upper

75 100

77 36.0 25.0 37.6



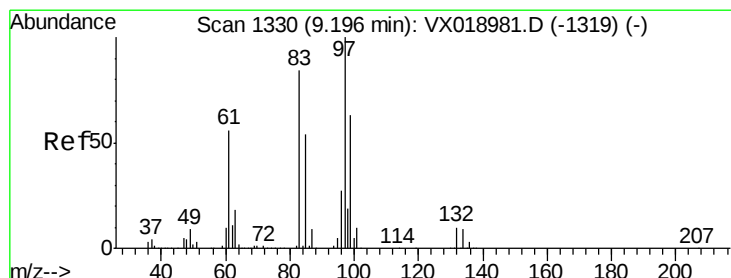
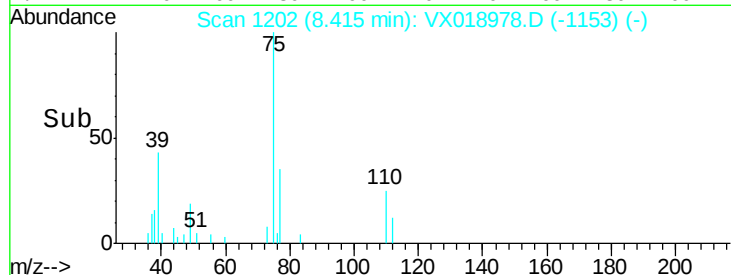
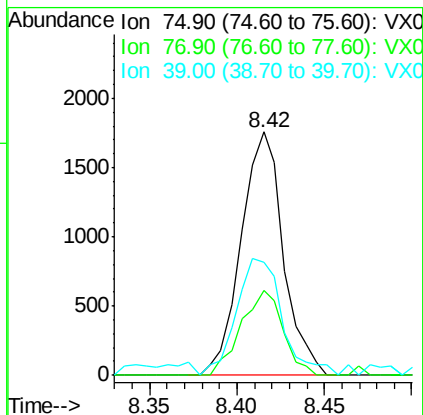
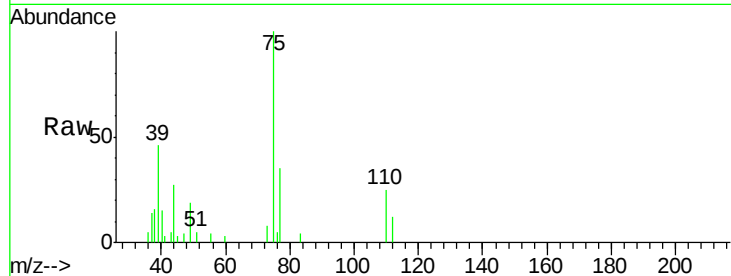


#54

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

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

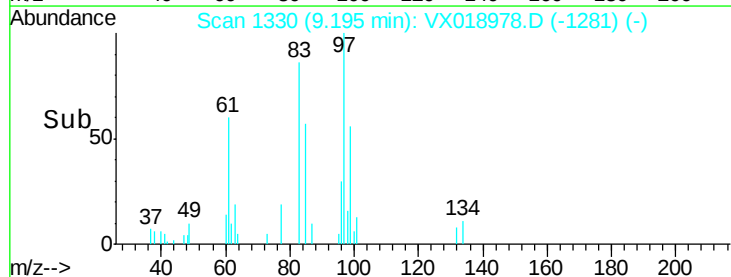
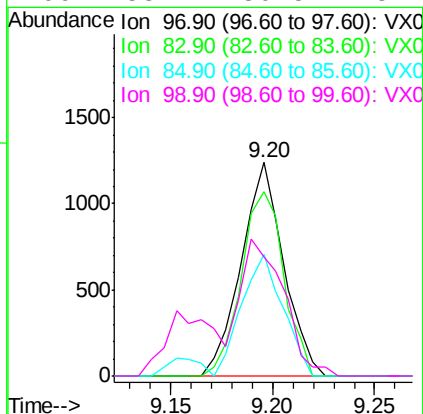
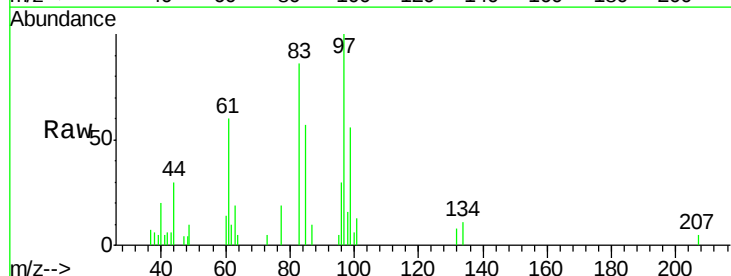
Tot Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.4	38.0
39	46.2	31.3	46.9

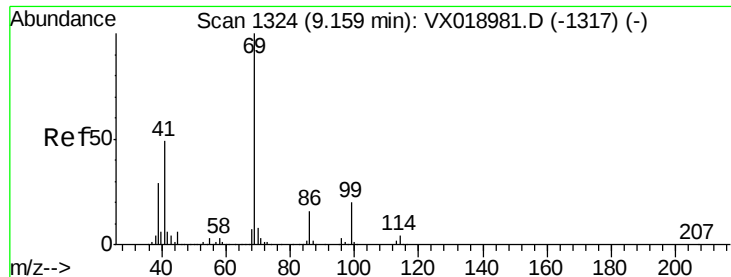


#55

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

Tgt 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





#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

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

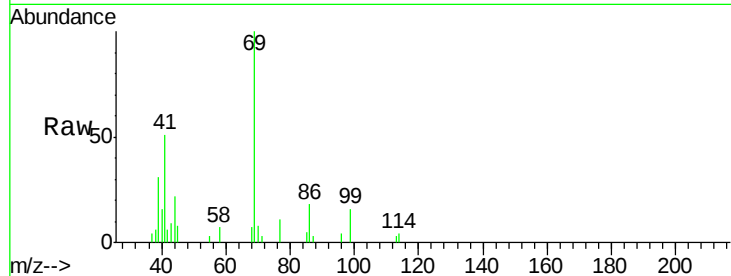
Tot Ion: 69 Resp: 2567

Ion Ratio Lower Upper

69 100

41 65.6 39.8 59.6#

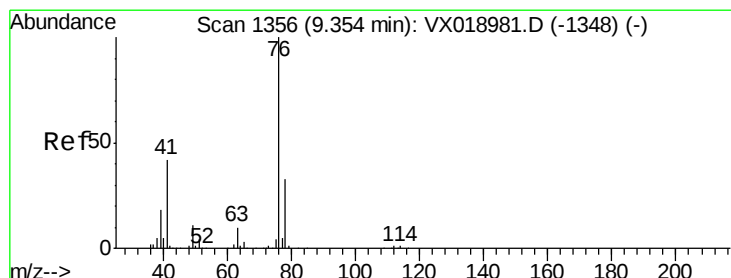
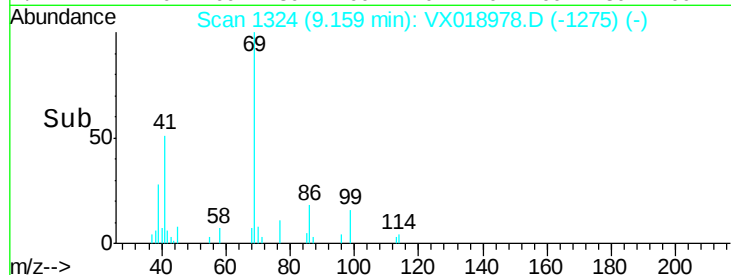
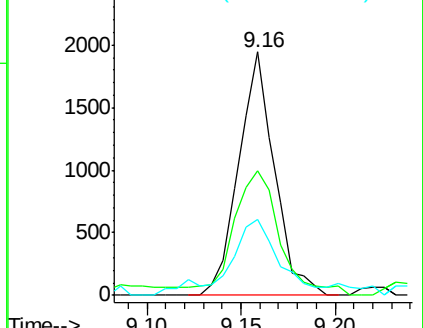
39 30.6 23.8 35.6



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

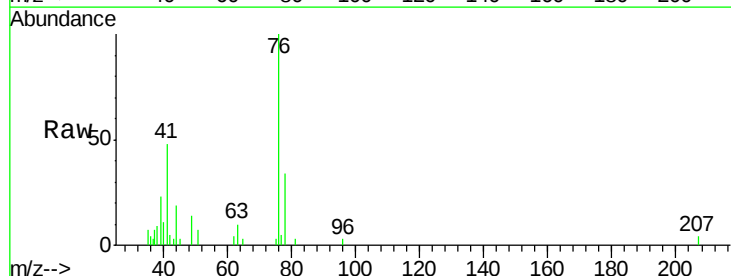
Acq: 20 Oct 2020 16:21

Tgt Ion: 76 Resp: 2970

Ion Ratio Lower Upper

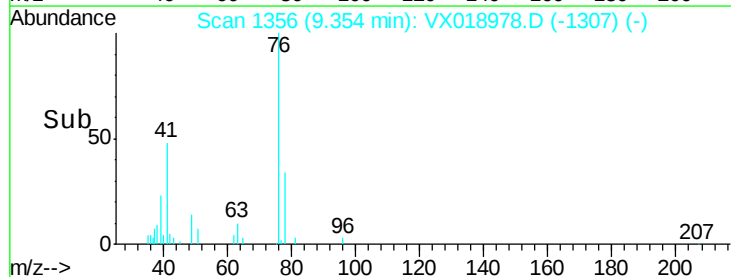
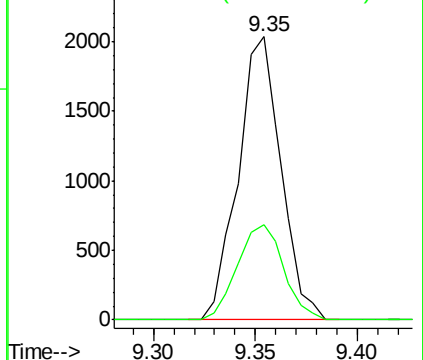
76 100

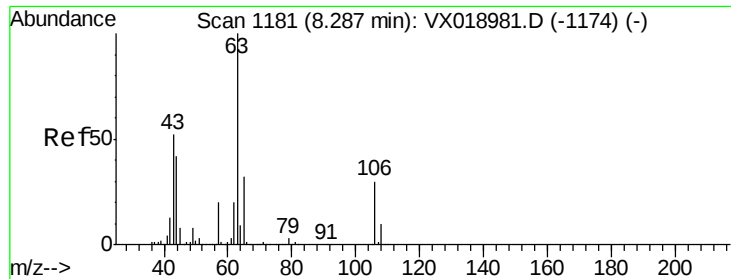
78 36.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

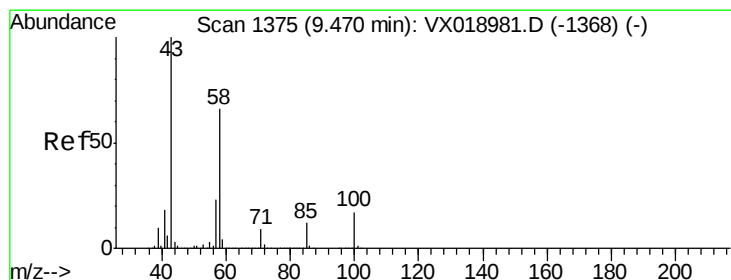
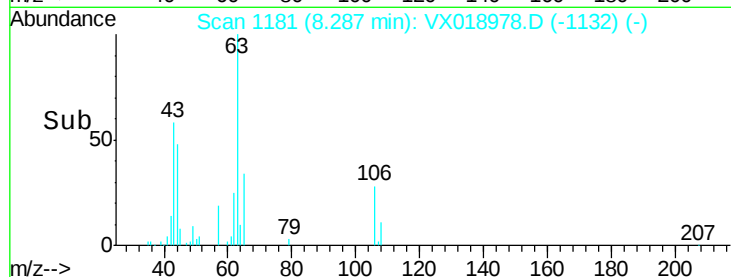
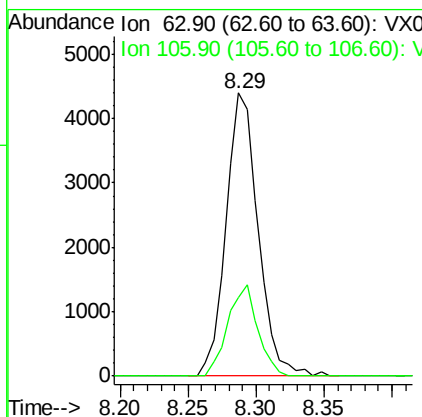
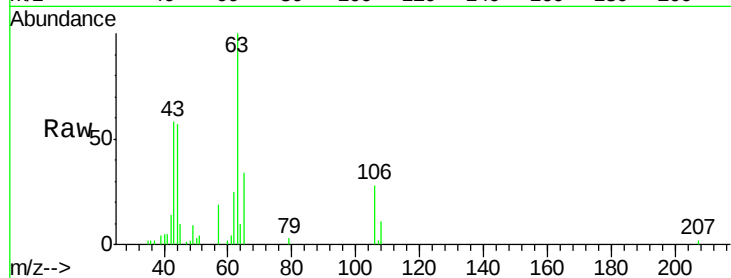




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.602 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

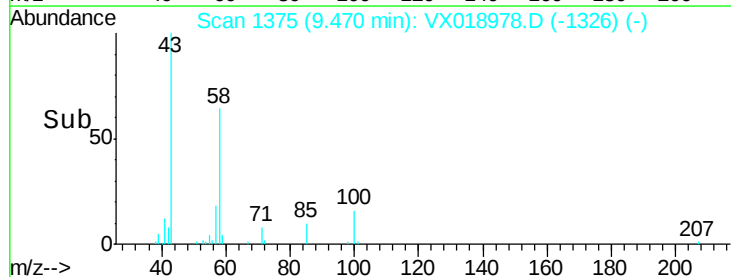
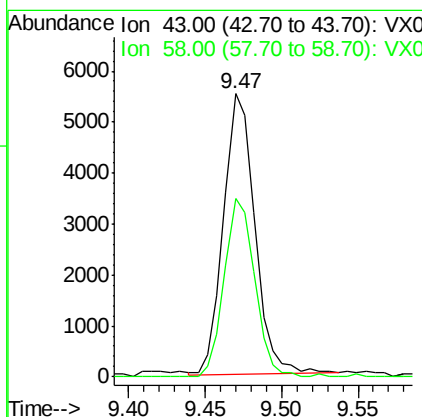
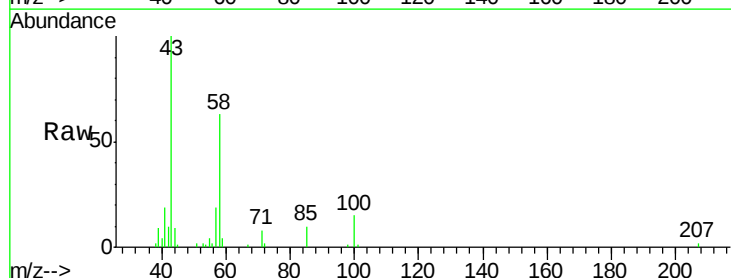
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

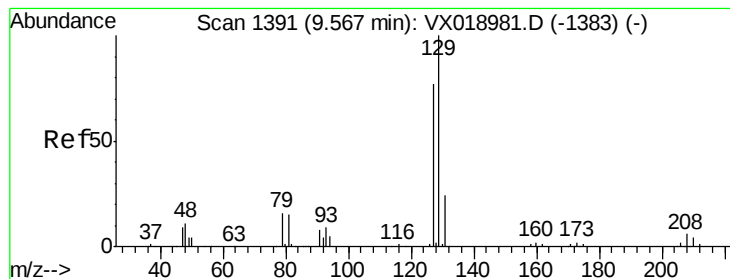
Tot Ion: 63 Resp: 7204
 Ion Ratio Lower Upper
 63 100
 106 29.9 25.0 37.4



#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

Tgt 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

Instrument :

MSVOA_X

ClientSampleId :

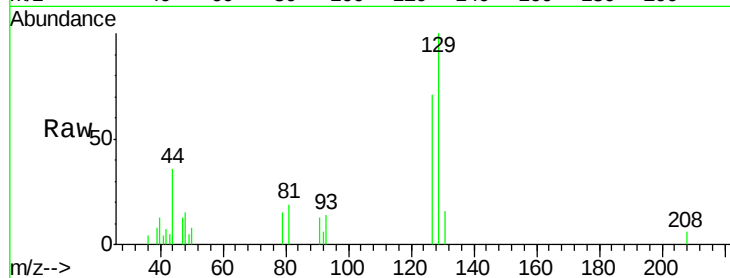
VSTDIC001

Tot Ion:129 Resp: 1879

Ion Ratio Lower Upper

129 100

127 72.9 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

1500

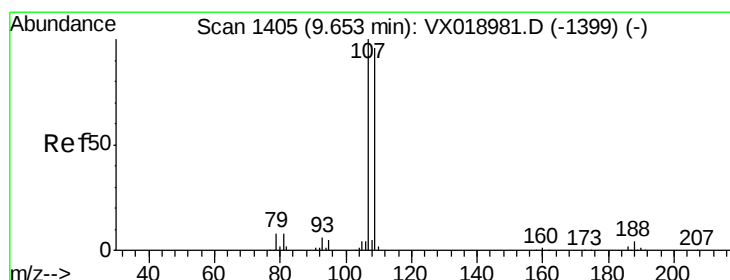
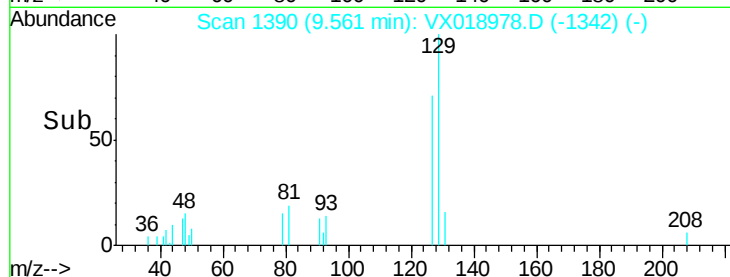
1000

500

0

9.50 9.55 9.60

Time-->



#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

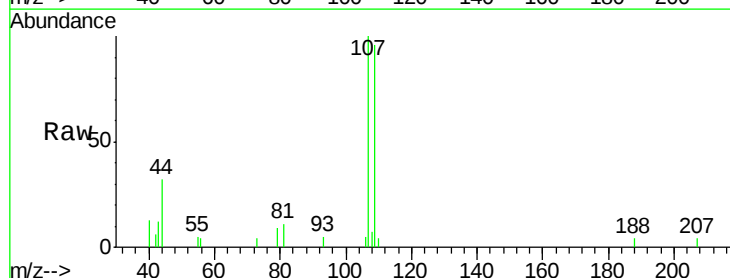
Acq: 20 Oct 2020 16:21

Tgt Ion:107 Resp: 1930

Ion Ratio Lower Upper

107 100

109 92.2 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

1500

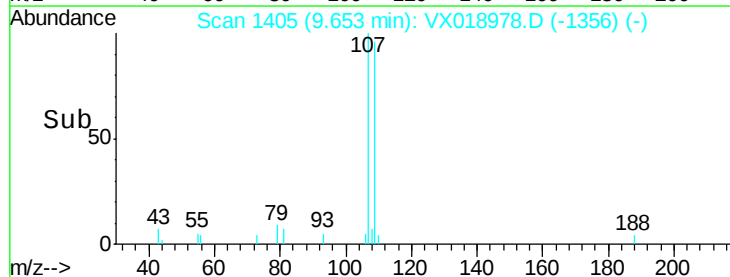
1000

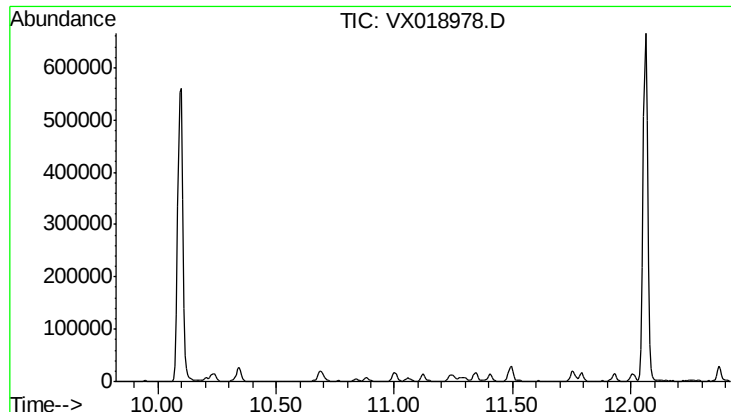
500

0

9.60 9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

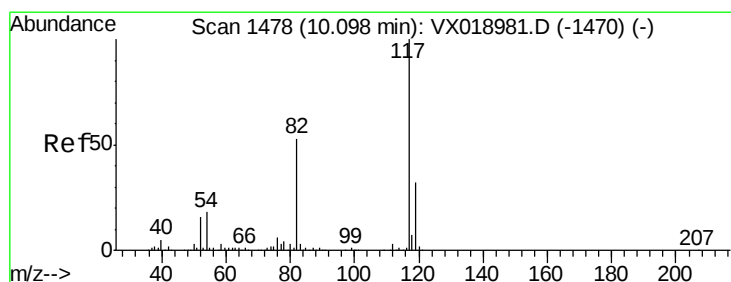
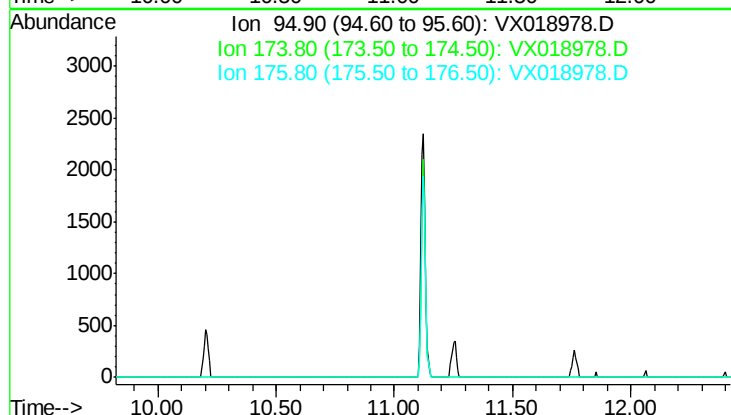
Tot Ion: 95

Sig Exp Ratio

95 100

174 79.9

176 76.4



#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

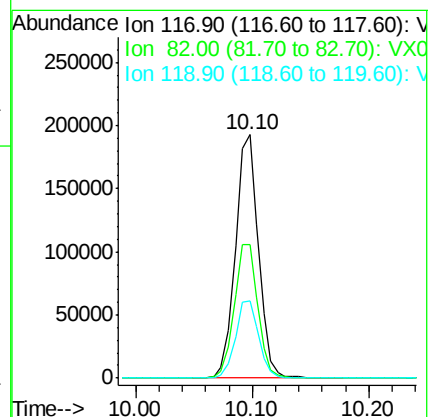
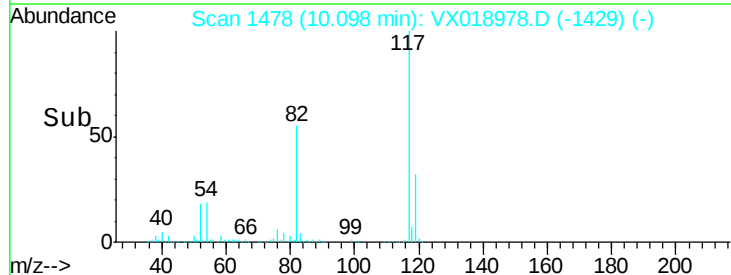
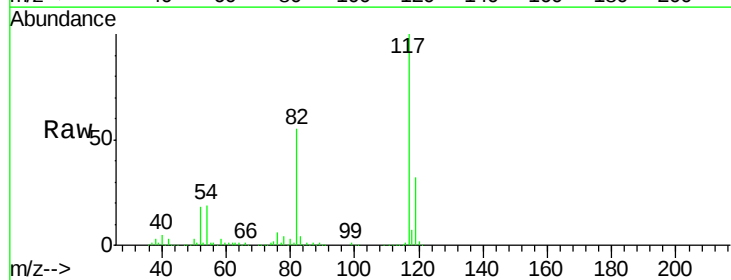
Tgt Ion: 117 Resp: 264447

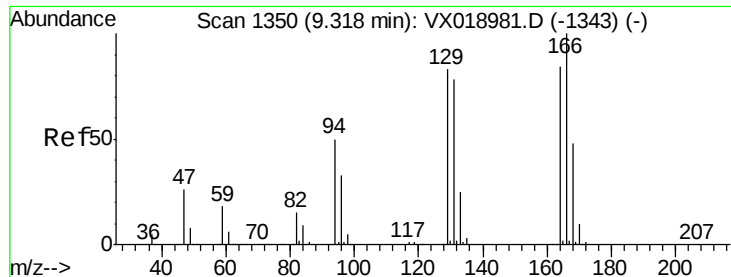
Ion Ratio Lower Upper

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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 1868

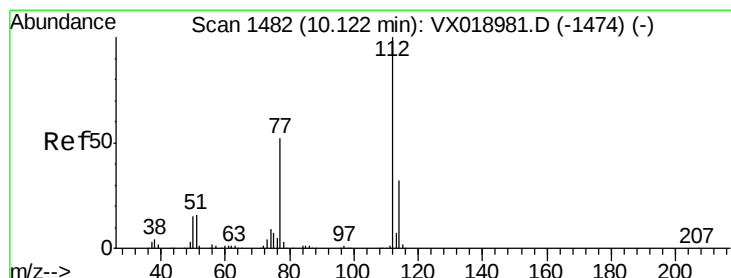
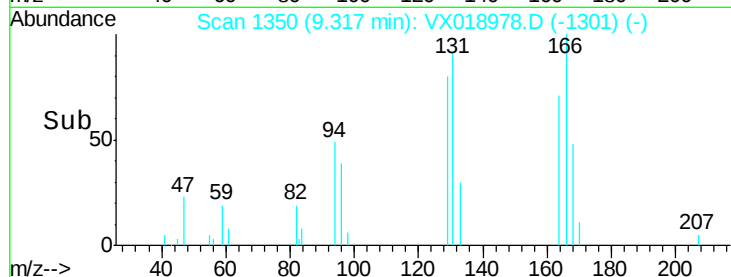
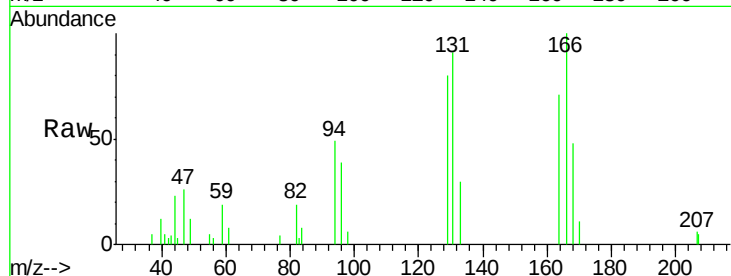
Ion Ratio Lower Upper

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

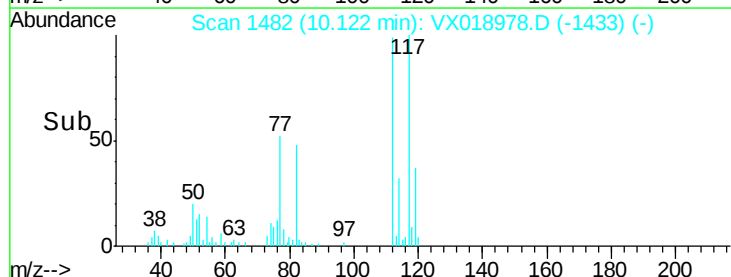
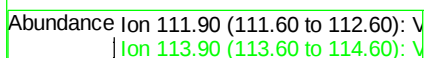
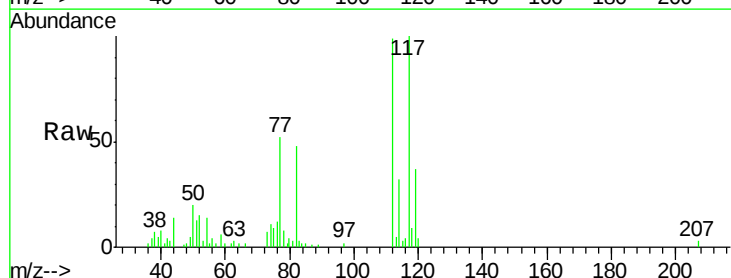
Acq: 20 Oct 2020 16:21

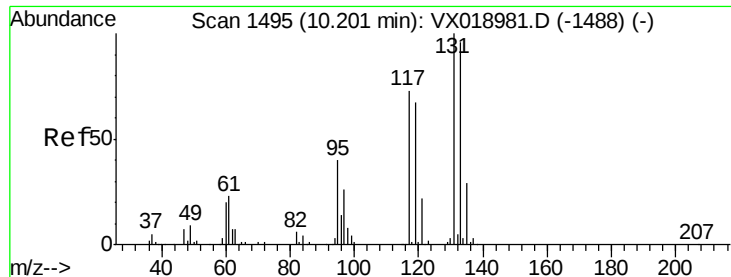
Tgt Ion:112 Resp: 5030

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

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

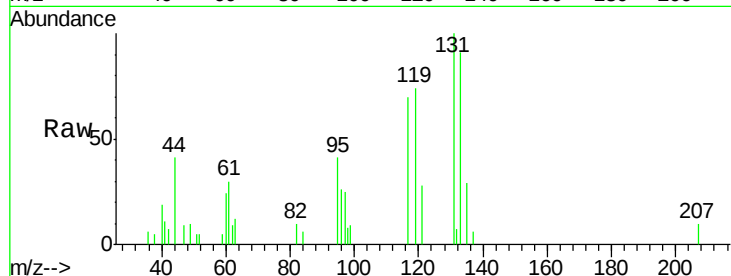
Tot Ion:131 Resp: 1576

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

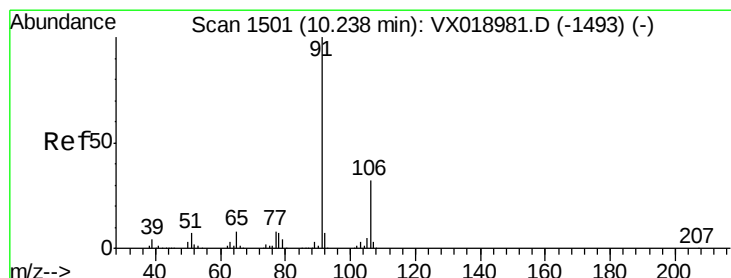
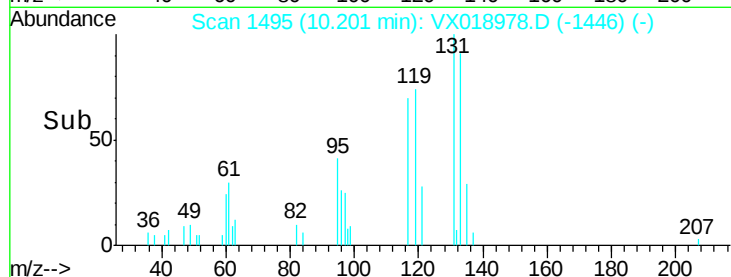
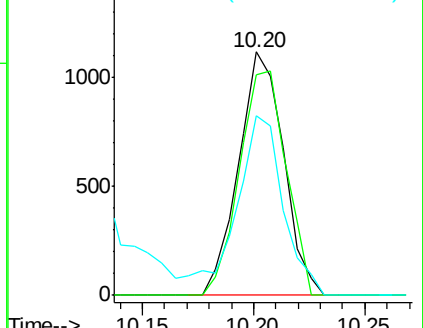
119 0.0 33.6 100.6#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.867 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018978.D

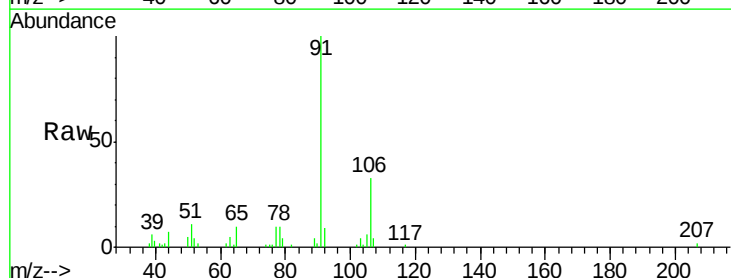
Acq: 20 Oct 2020 16:21

Tgt Ion: 91 Resp: 8512

Ion Ratio Lower Upper

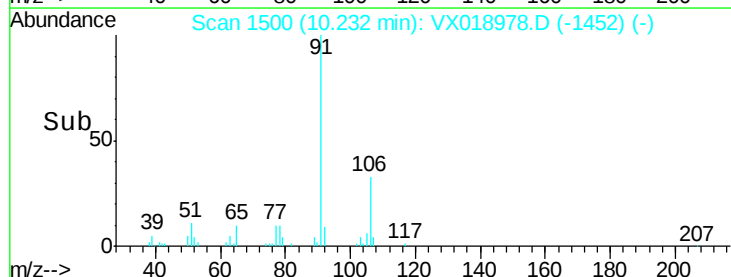
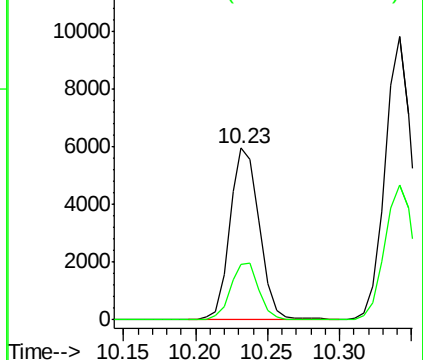
91 100

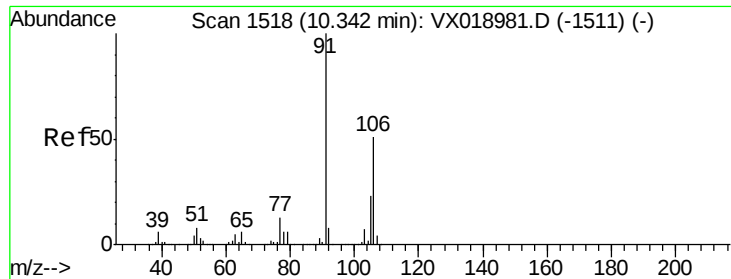
106 32.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

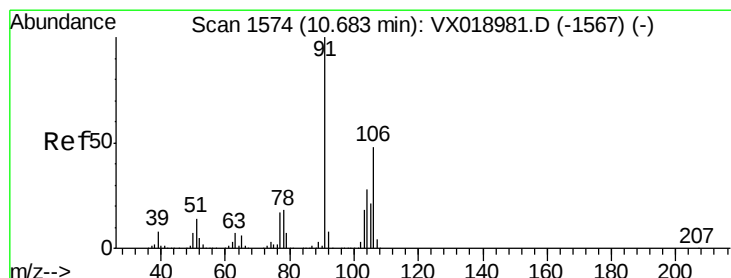
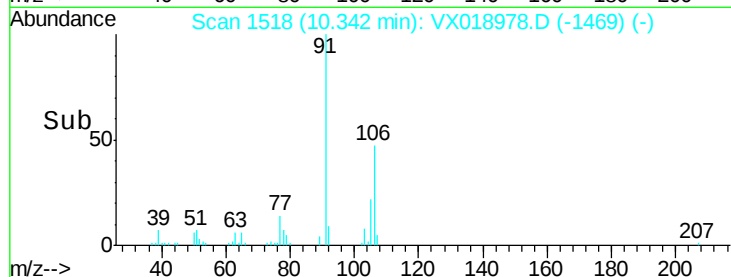
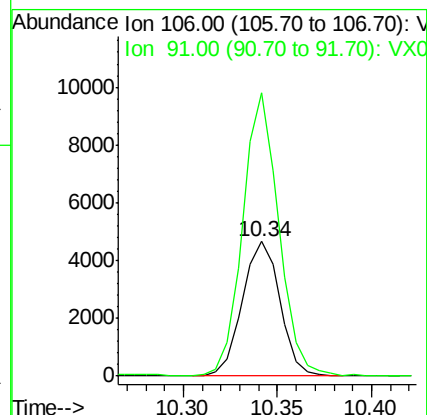
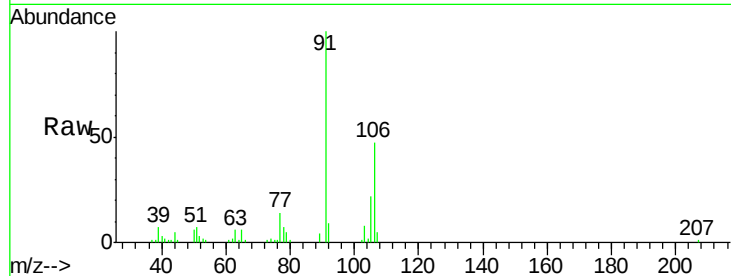




#68
m/p-Xylenes
Concen: 1.689 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

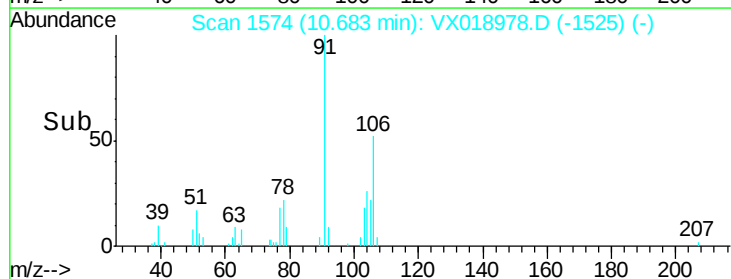
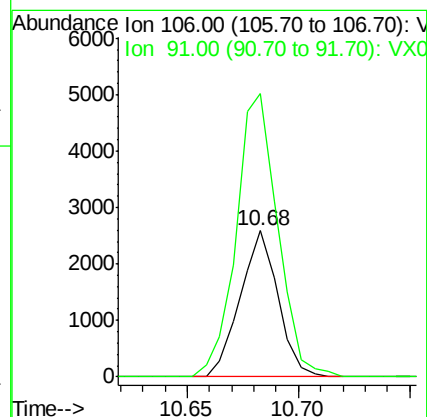
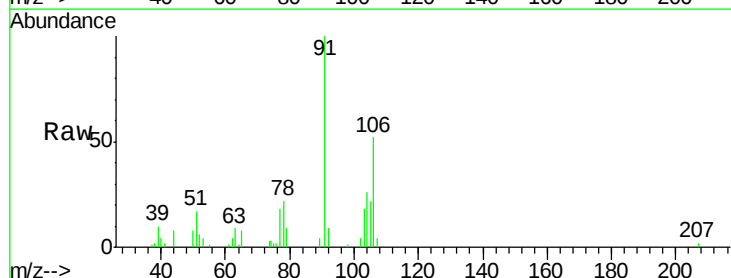
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

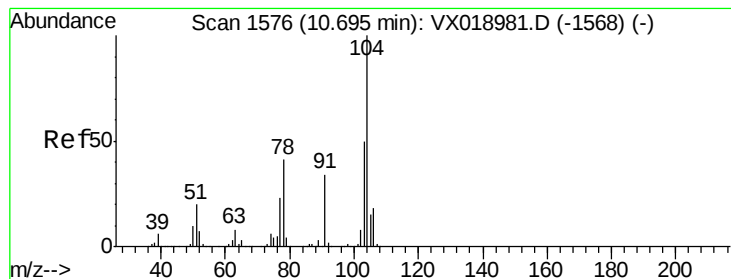
Tot Ion:106 Resp: 6472
Ion Ratio Lower Upper
106 100
91 200.7 157.9 236.9



#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

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





#70

Stvrene

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

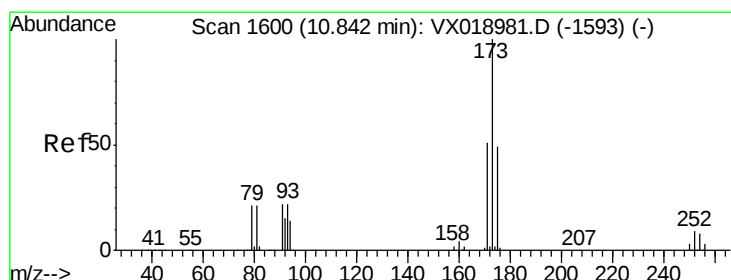
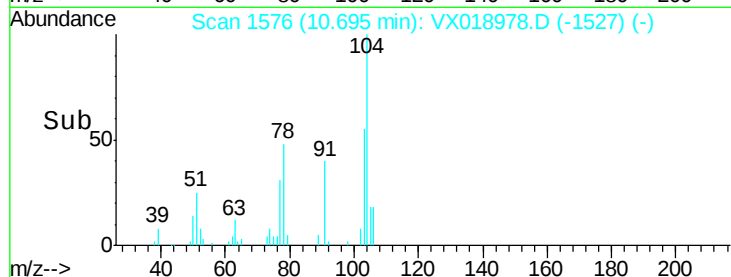
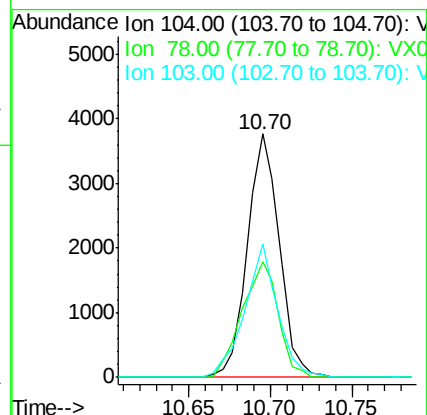
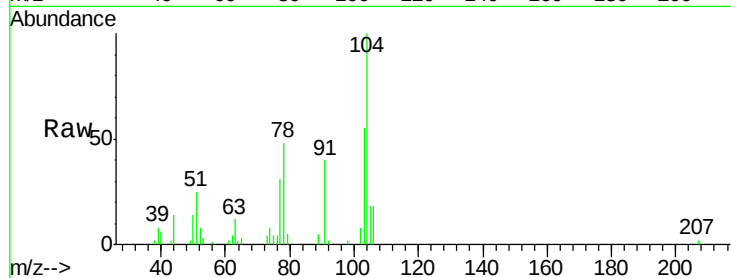
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

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



#71

Bromoform

Concen: 0.755 ug/l

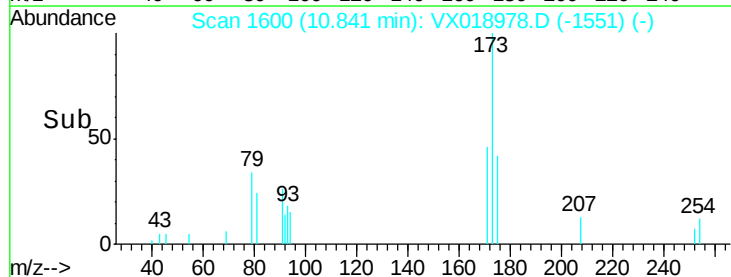
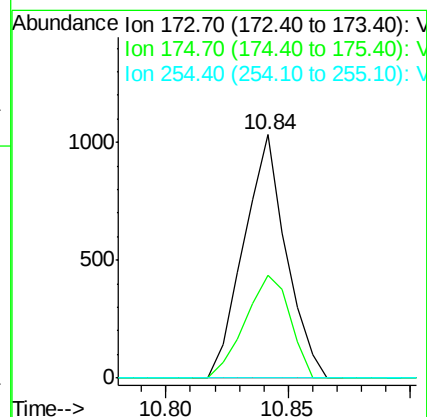
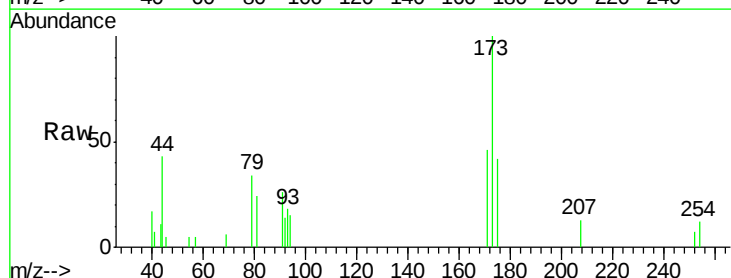
RT: 10.84 min Scan# 1600

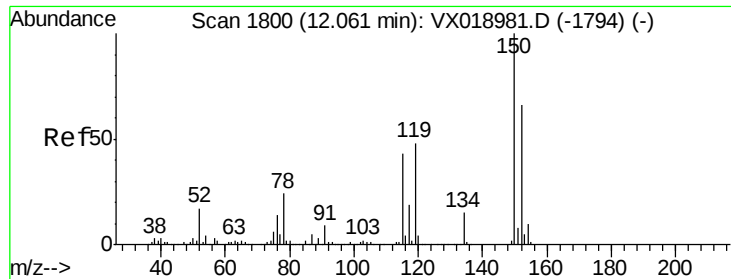
Delta R.T. -0.00 min

Lab File: VX018978.D

Acq: 20 Oct 2020 16:21

Tgt Ion:173	Resp:	1241
Ion Ratio	Lower	Upper
173	100	
175	44.7	24.8 74.4
254	0.0	0.1 0.1#





#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

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

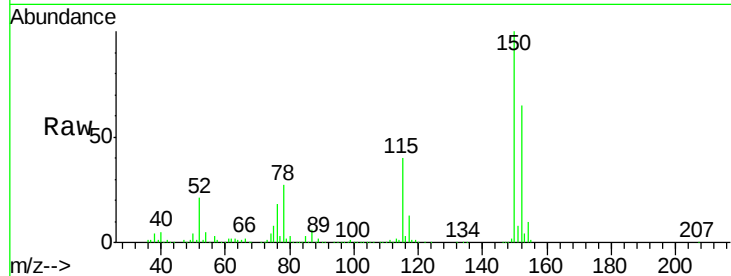
Tot Ion:152 Resp: 128798

Ion Ratio Lower Upper

152 100

115 62.5 41.2 123.6

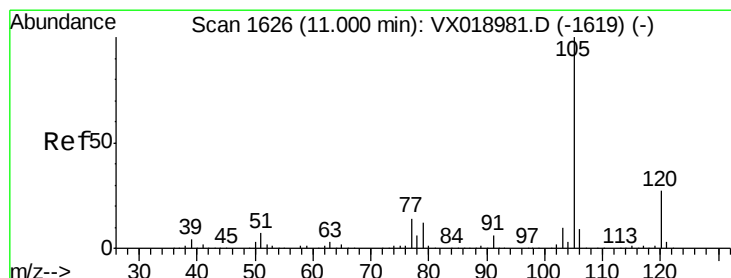
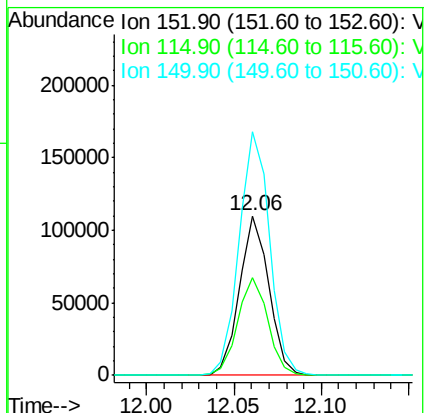
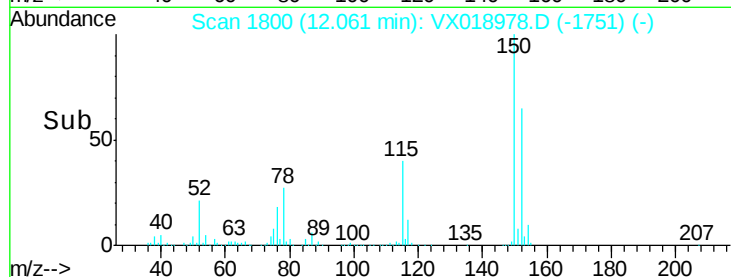
150 157.8 0.0 345.6



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

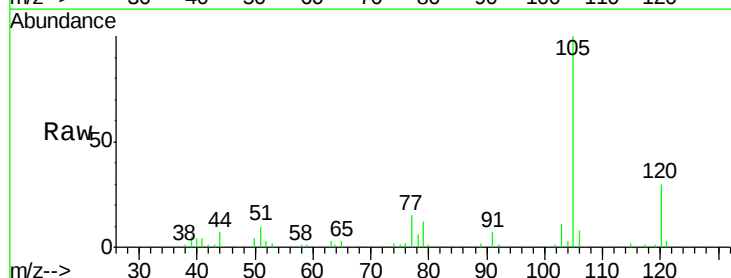
Acq: 20 Oct 2020 16:21

Tgt Ion:105 Resp: 8124

Ion Ratio Lower Upper

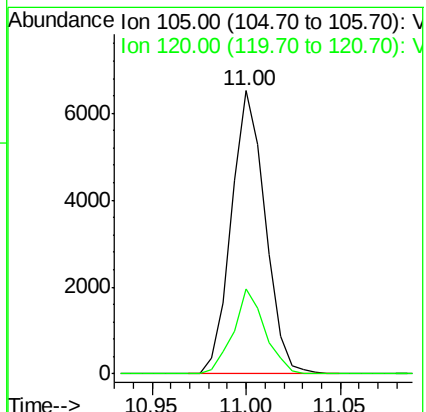
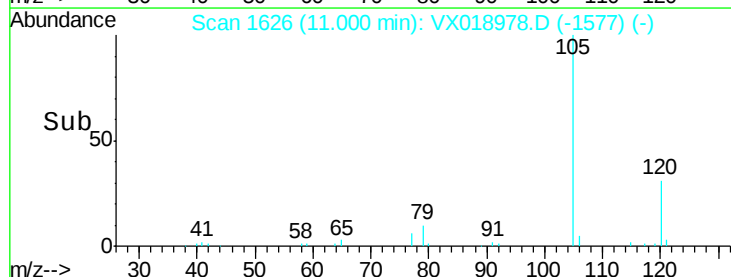
105 100

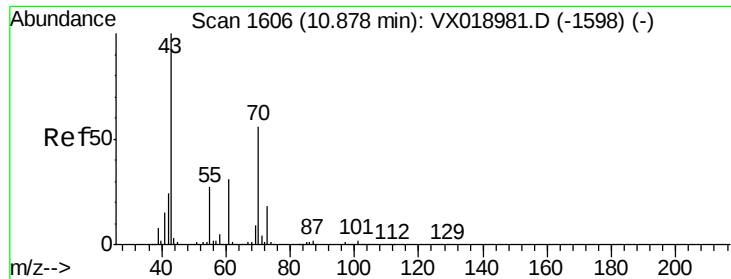
120 28.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

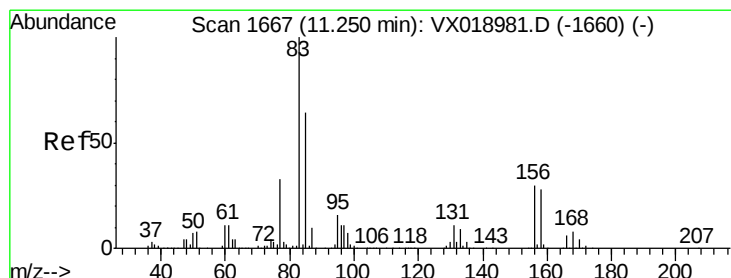
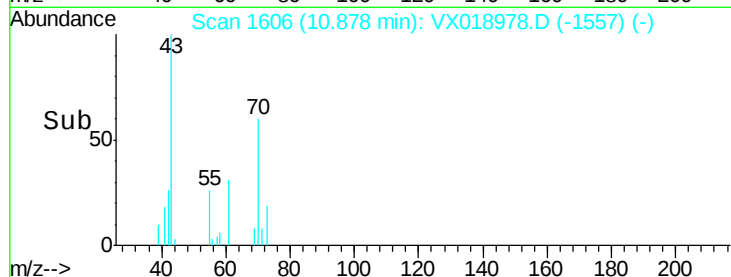
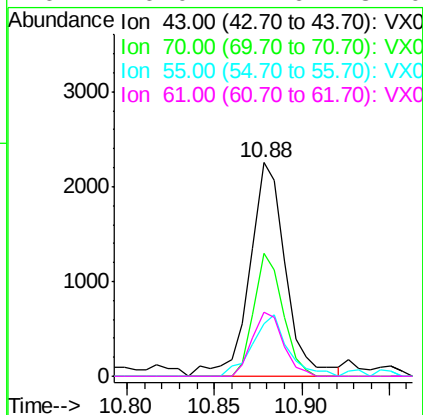
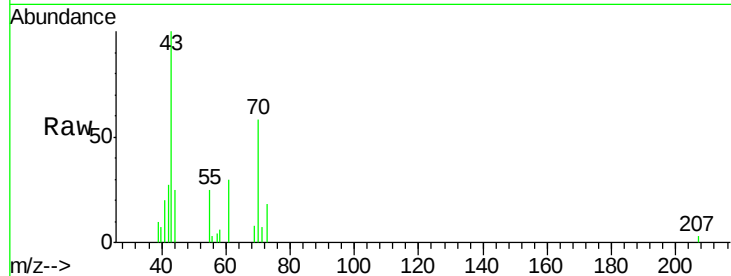




#74
N-amvl acetate
Concen: 1.032 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

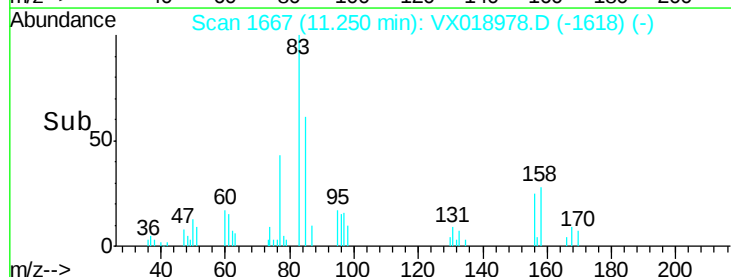
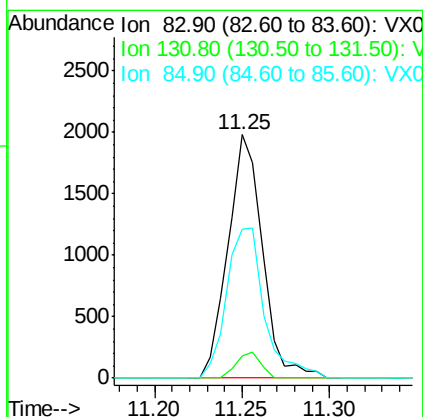
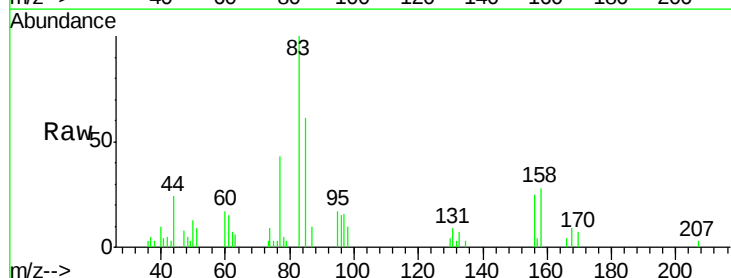
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

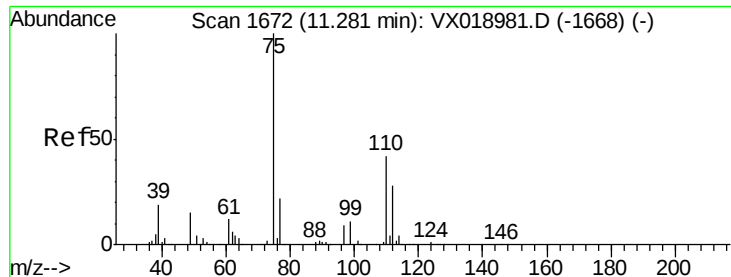
Tot Ion:	43	Resp:	3212
Ion	Ratio	Lower	Upper
43	100		
70	46.5	45.9	68.9
55	28.1	21.9	32.9
61	26.0	24.6	37.0



#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

Tgt Ion:	83	Resp:	2726
Ion	Ratio	Lower	Upper
83	100		
131	7.6	5.4	16.2
85	67.6	32.2	96.6



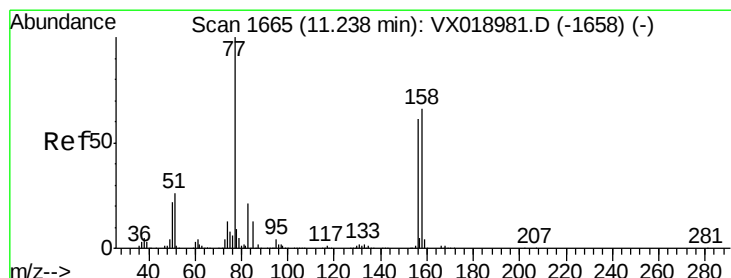
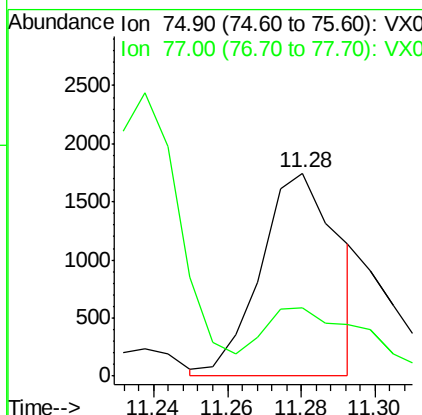
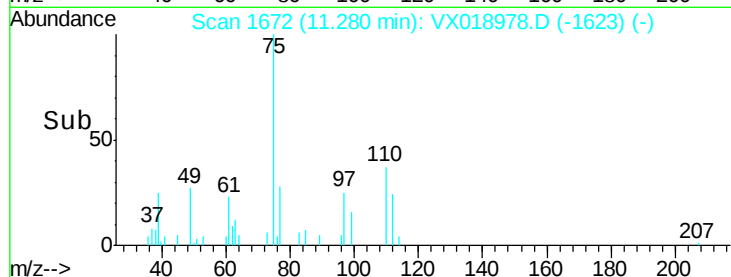
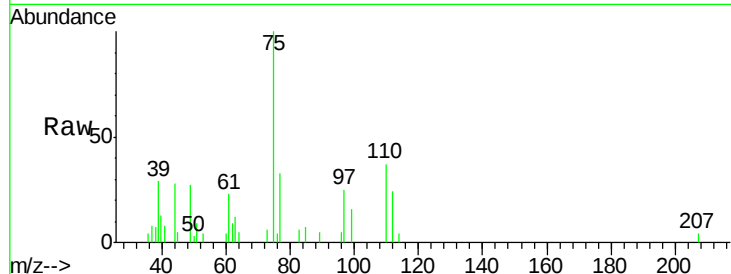


#76

1,2,3-Trichloropropane
Concen: 0.988 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

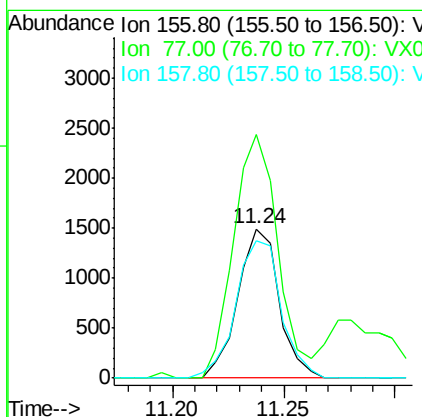
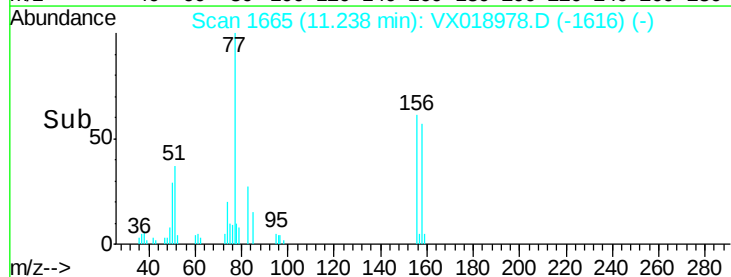
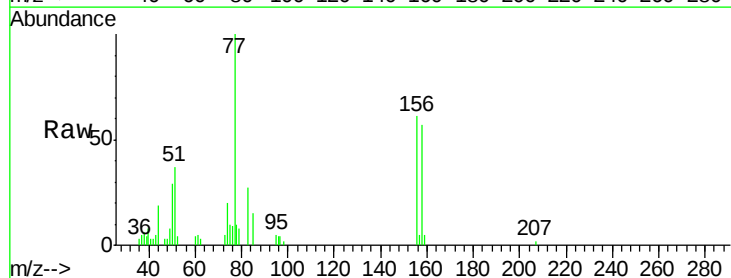
Tot Ion: 75 Resp: 2585
Ion Ratio Lower Upper
75 100
77 45.2 20.6 61.9

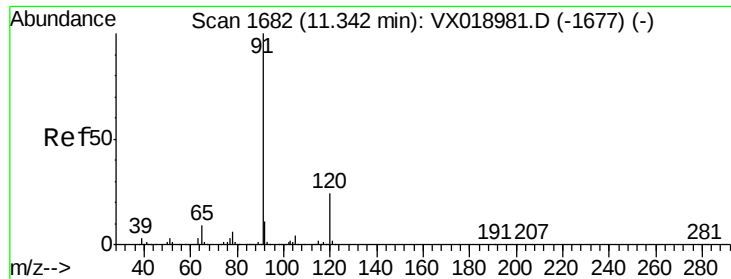


#77

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

Tgt Ion: 156 Resp: 1924
Ion Ratio Lower Upper
156 100
77 175.2 78.5 235.3
158 101.9 50.2 150.6





#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

Instrument :

MSVOA_X

ClientSampleId :

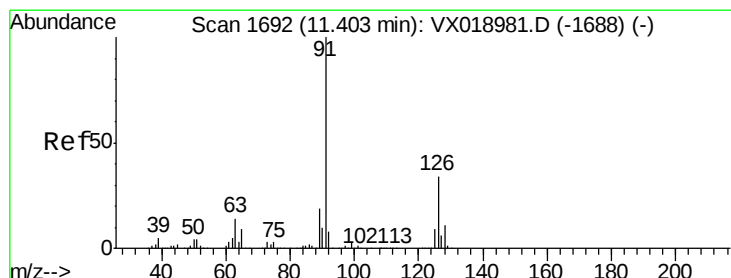
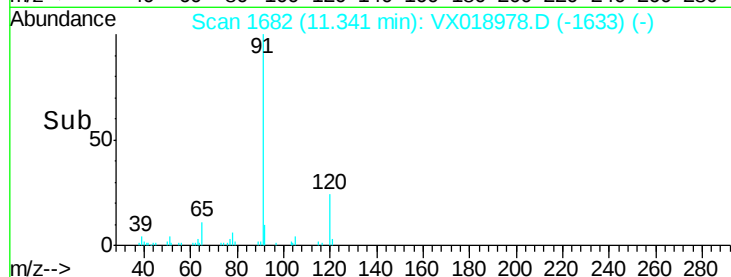
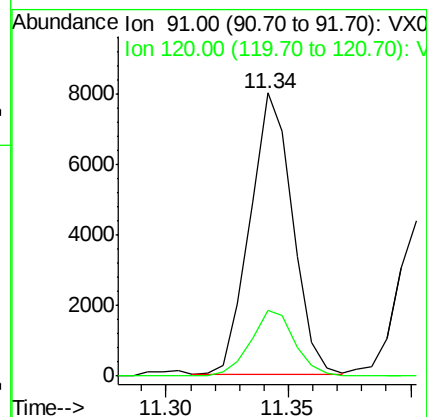
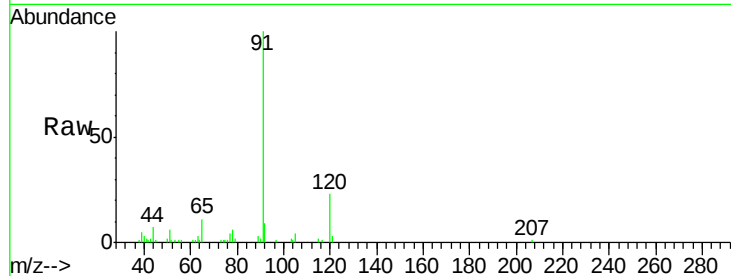
VSTDIC001

Tot Ion: 91 Resp: 9694

Ion Ratio Lower Upper

91 100

120 24.1 12.3 36.9



#79

2-Chlorotoluene

Concen: 0.955 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018978.D

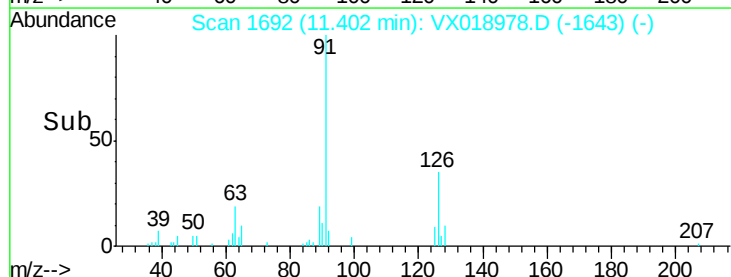
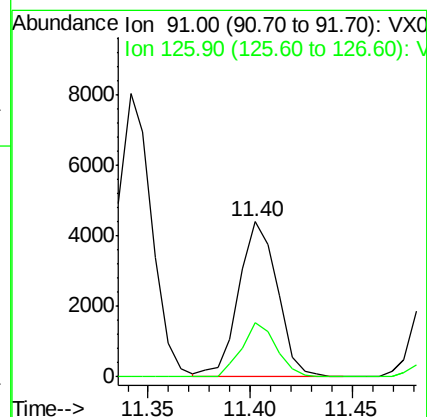
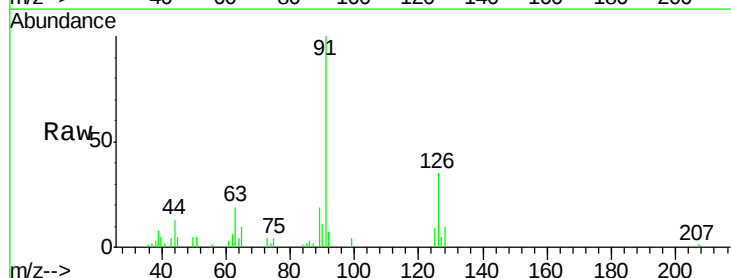
Acq: 20 Oct 2020 16:21

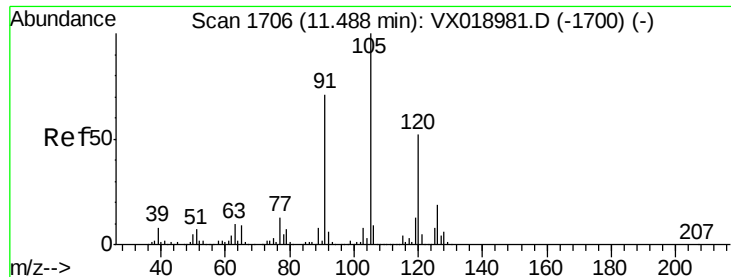
Tgt Ion: 91 Resp: 5807

Ion Ratio Lower Upper

91 100

126 31.5 18.0 54.0

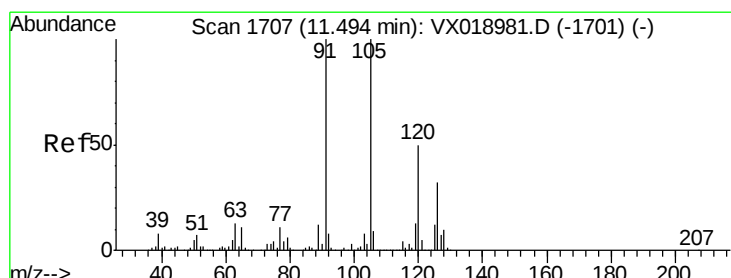
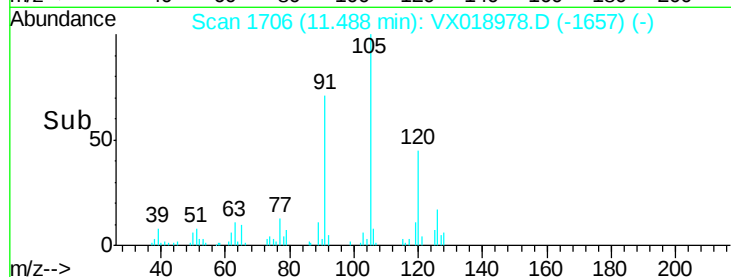
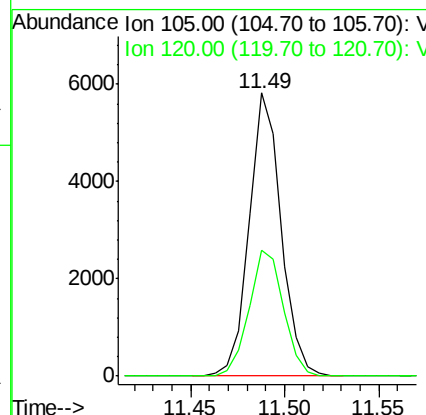
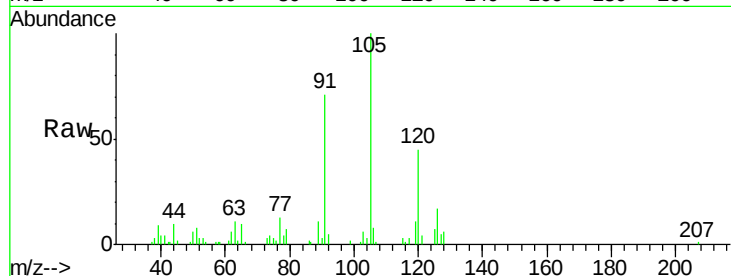




#80
 1,3,5-Trimethylbenzene
 Concen: 0.893 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

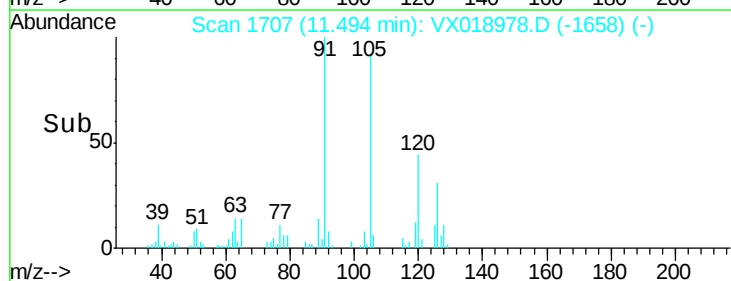
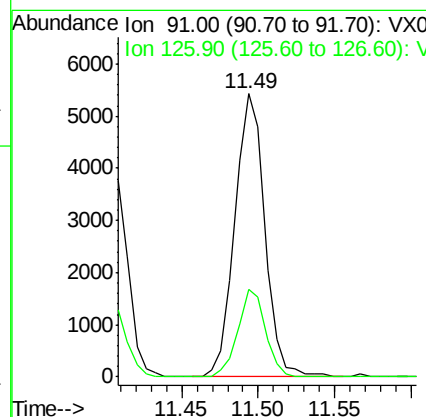
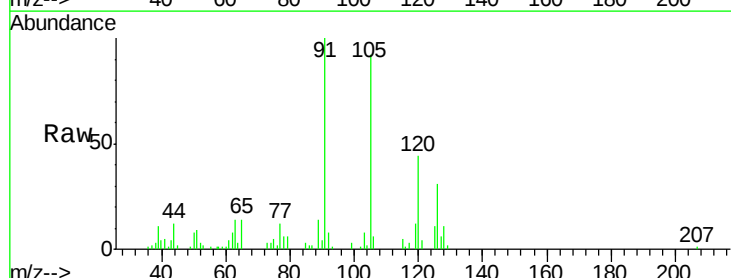
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

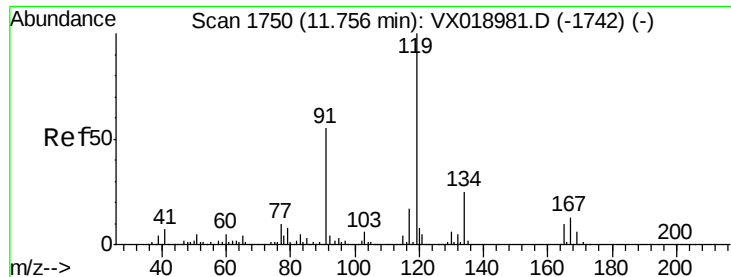
Tot Ion:105 Resp: 6840
 Ion Ratio Lower Upper
 105 100
 120 47.7 25.3 75.8



#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

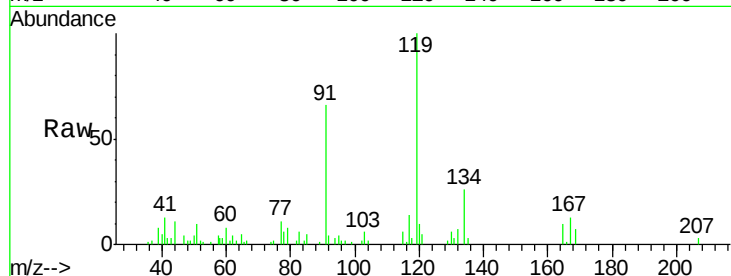
Tot Ion:119 Resp: 6298

Ion Ratio Lower Upper

119 100

91 63.4 27.5 82.4

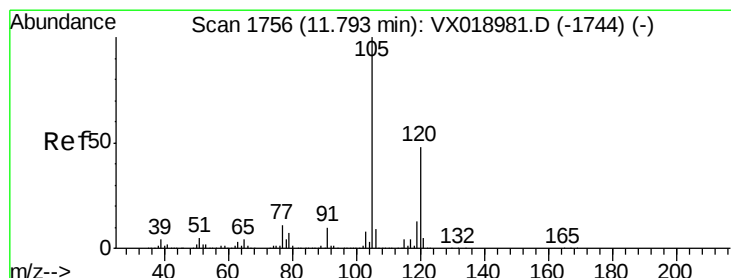
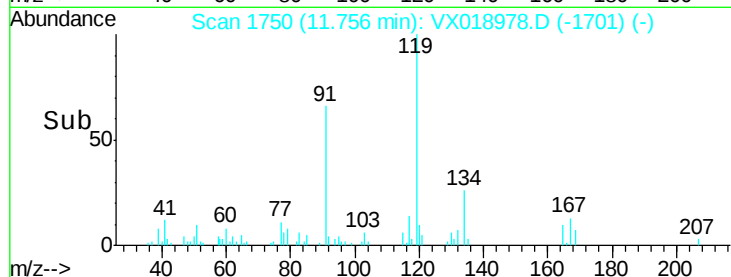
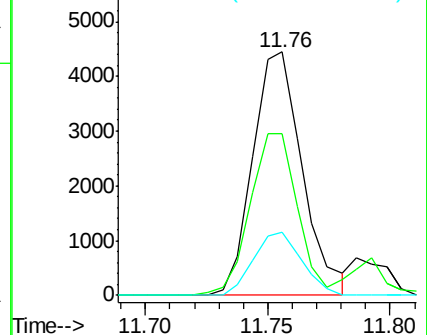
134 25.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#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

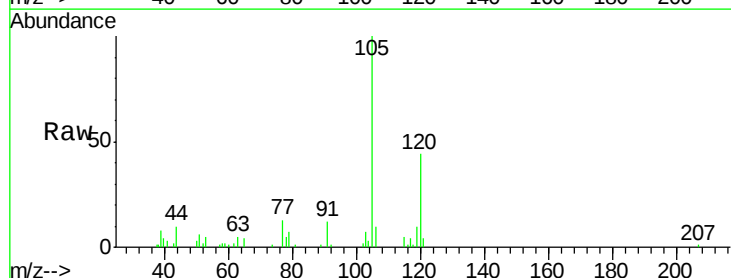
Acq: 20 Oct 2020 16:21

Tgt Ion:105 Resp: 6807

Ion Ratio Lower Upper

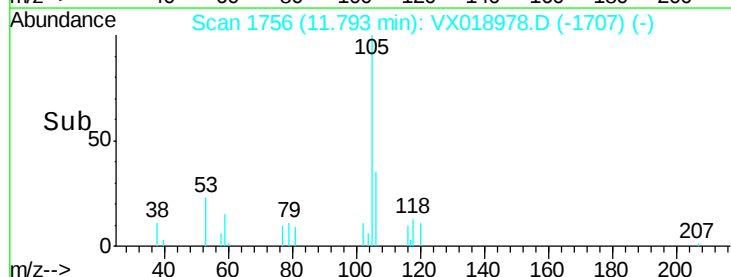
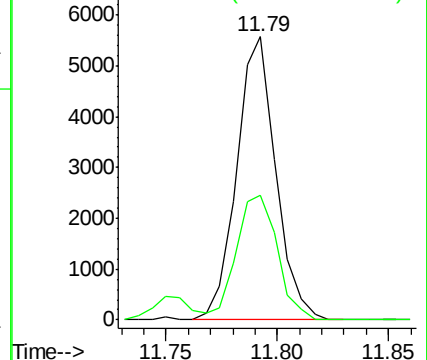
105 100

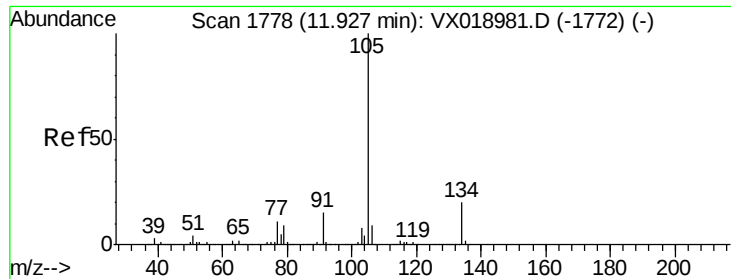
120 46.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

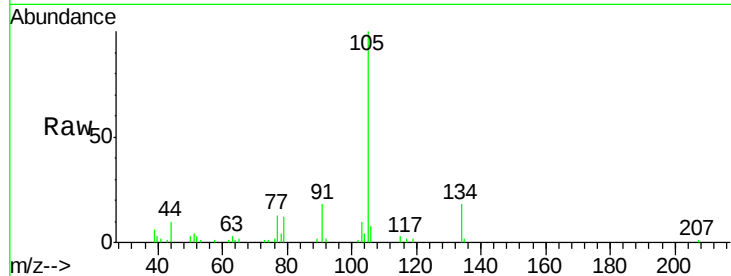
VSTDIC001

Tot Ion:105 Resp: 7947

Ion Ratio Lower Upper

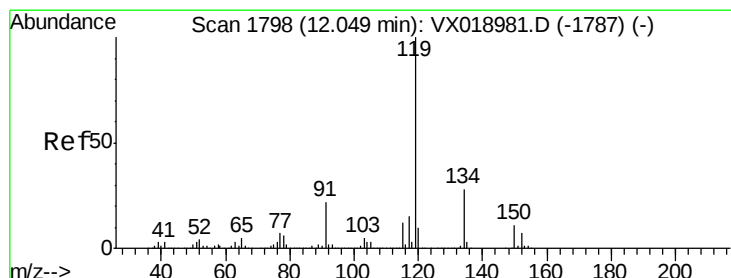
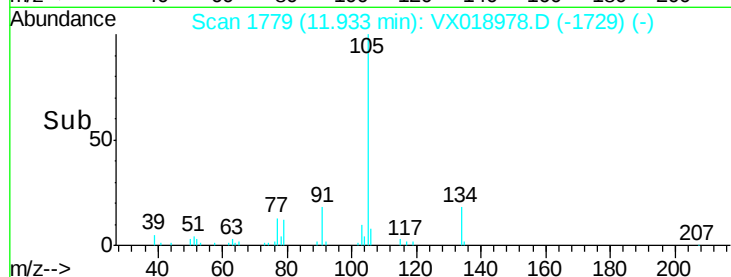
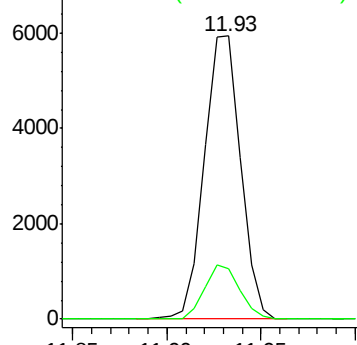
105 100

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

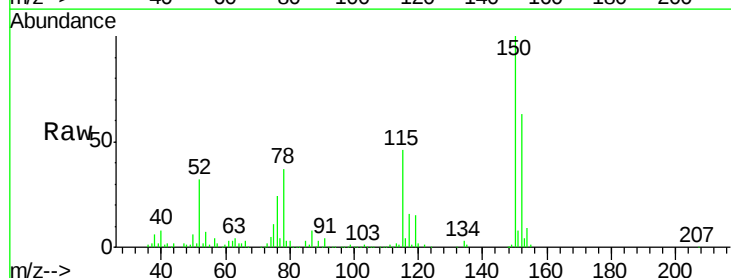
Tgt Ion:119 Resp: 7305

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

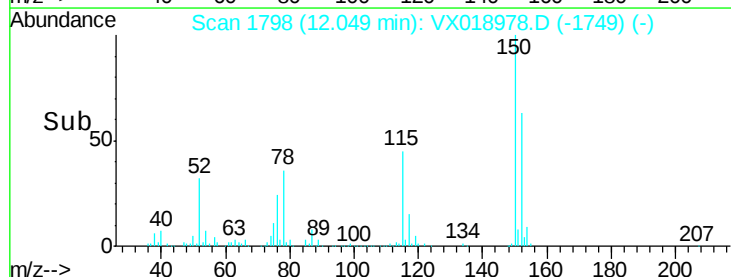
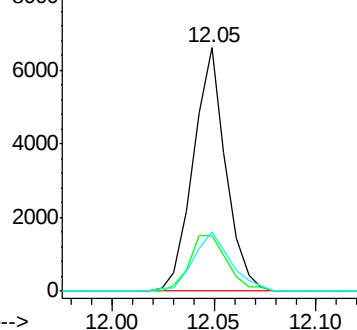
91 28.2 11.0 33.0

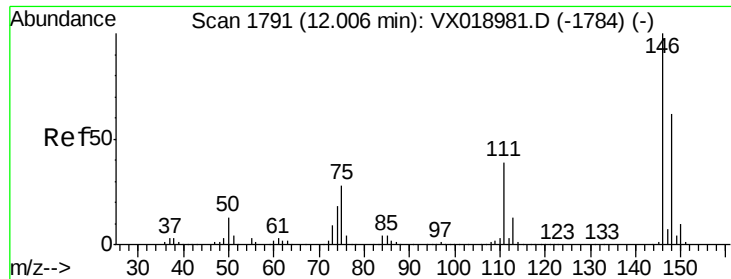


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

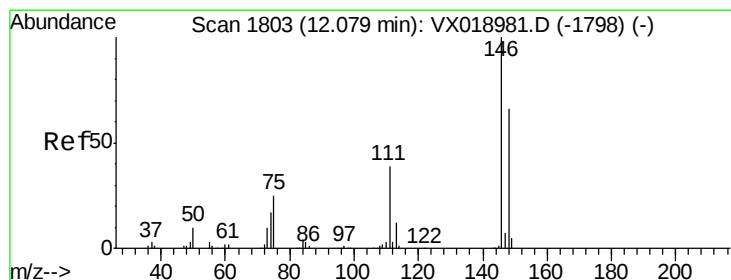
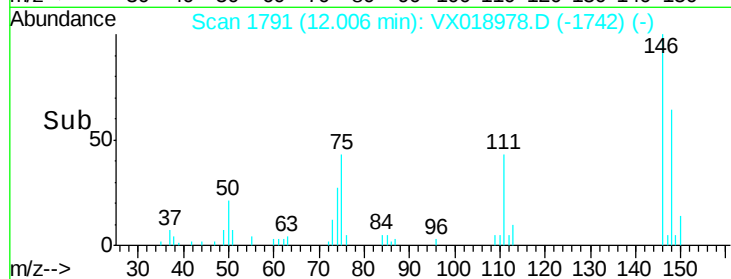
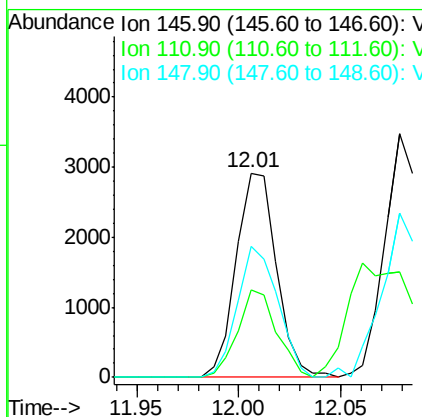
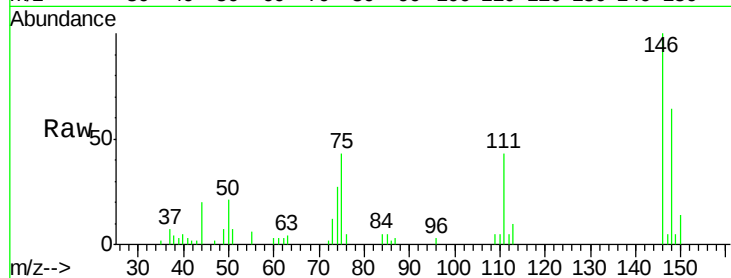




#87
 1,3-Dichlorobenzene
 Concen: 0.963 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

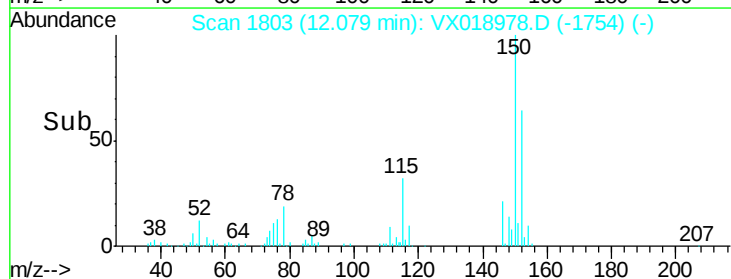
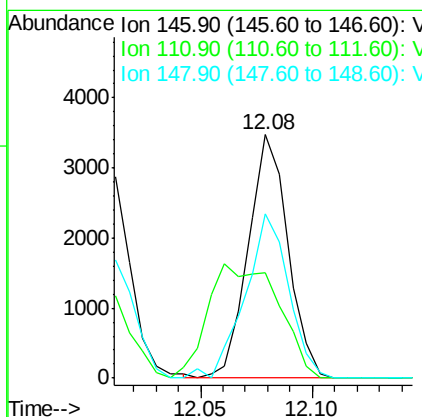
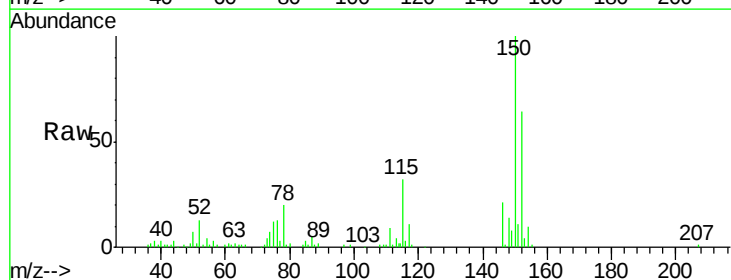
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

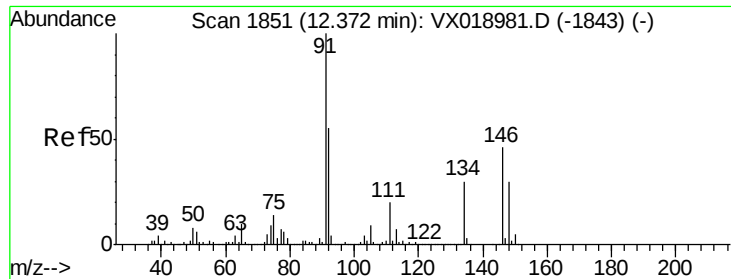
Tot Ion:146 Resp: 4017
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.8 59.4
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.996 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

Tgt Ion:146 Resp: 4284
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 60.1 32.6 98.0

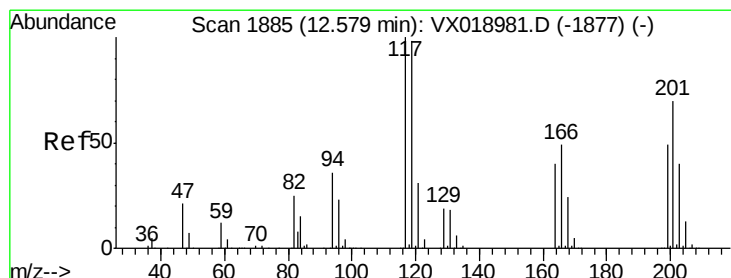
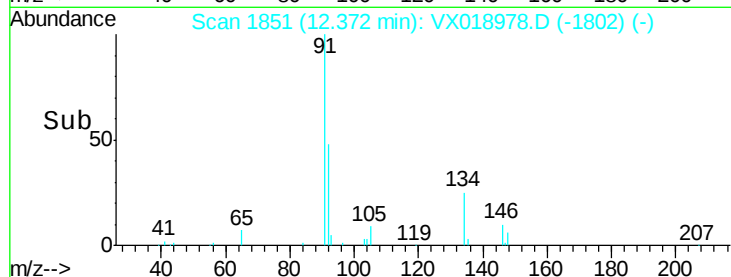
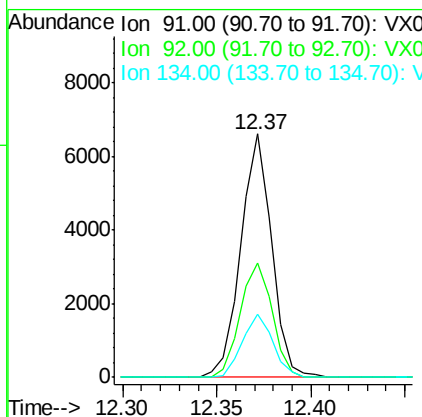
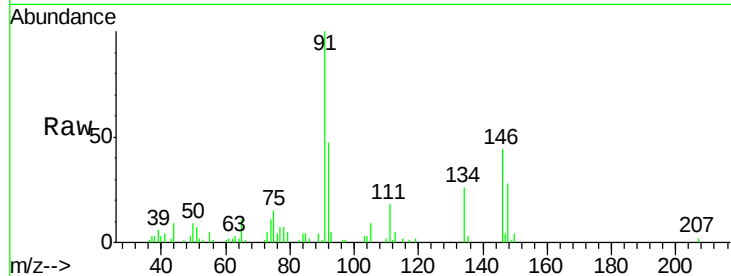




#89
n-Butylbenzene
Concen: 0.993 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

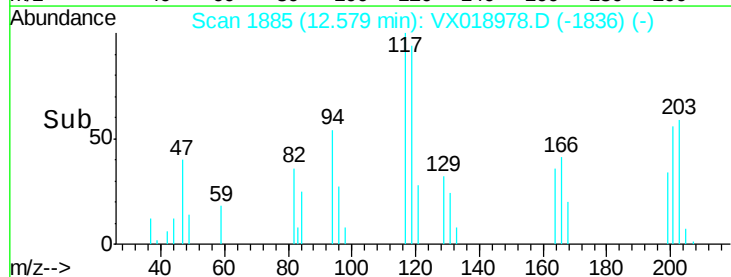
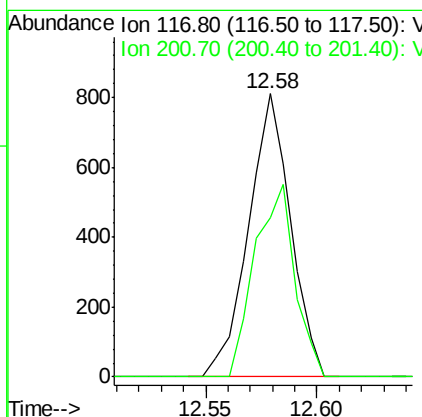
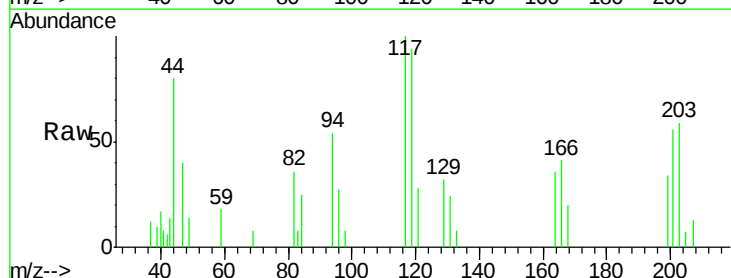
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

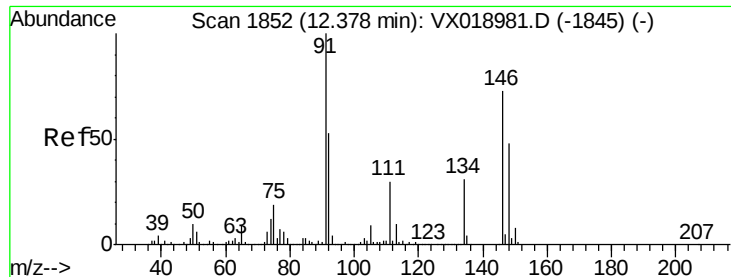
Tot Ion: 91 Resp: 7522
Ion Ratio Lower Upper
91 100
92 48.5 27.2 81.6
134 25.6 14.2 42.8



#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

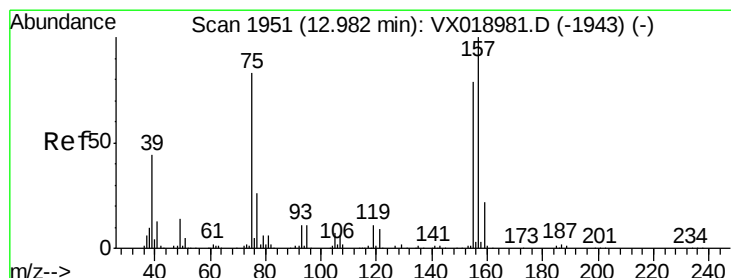
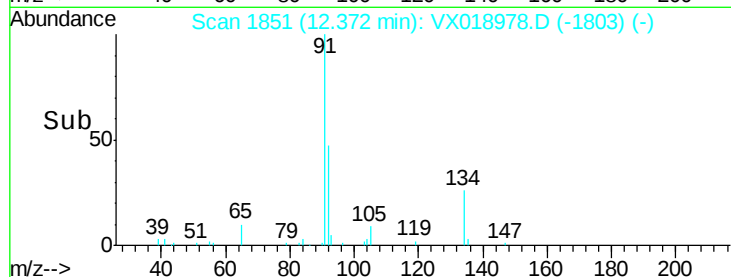
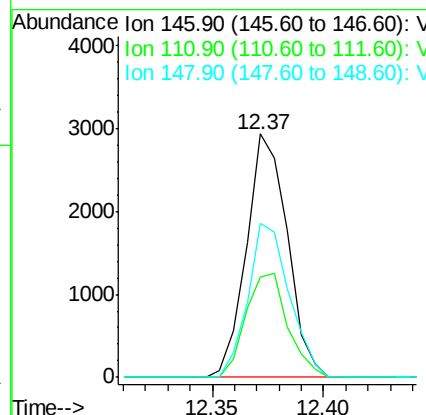
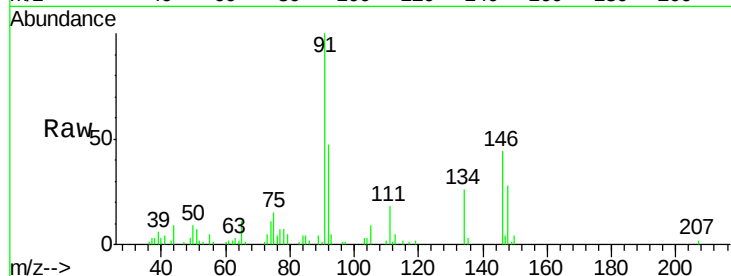




#91
 1,2-Dichlorobenzene
 Concen: 0.937 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

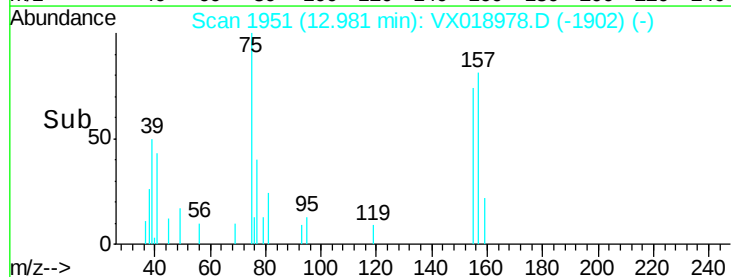
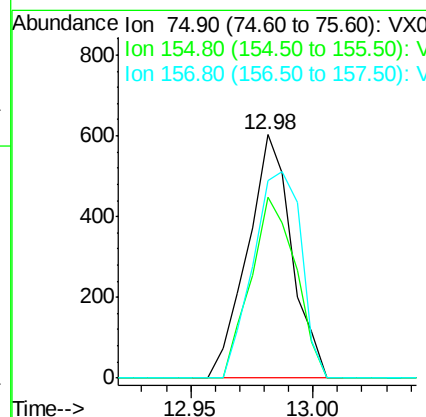
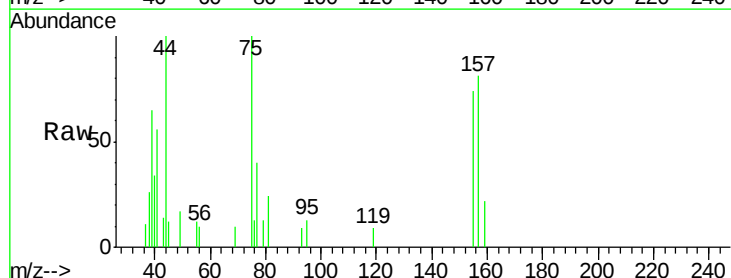
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

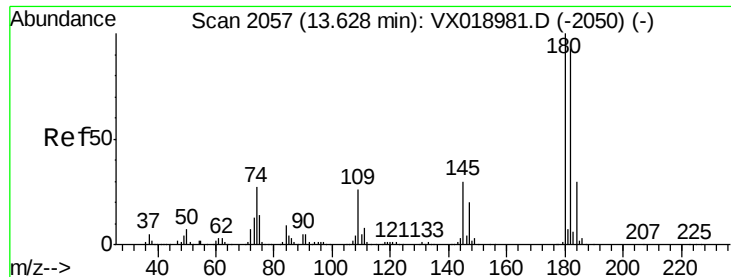
Tot Ion:146 Resp: 3780
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.8 62.5
 148 63.9 32.5 97.4



#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

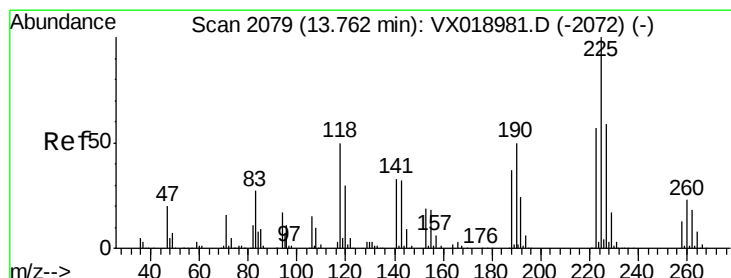
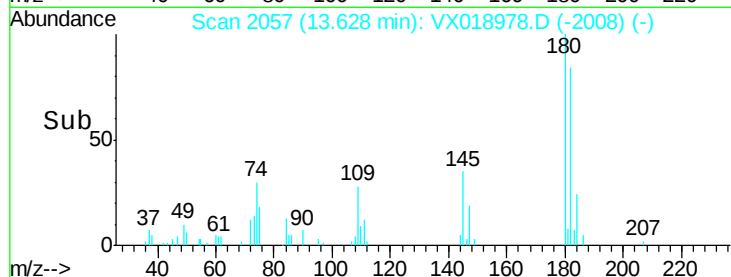
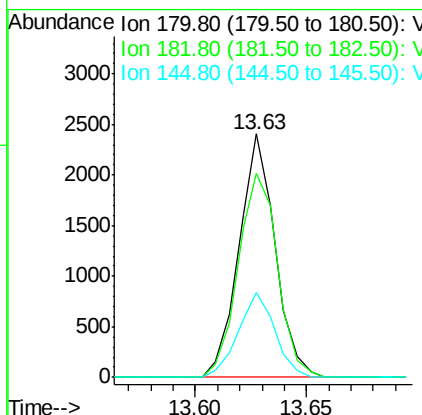
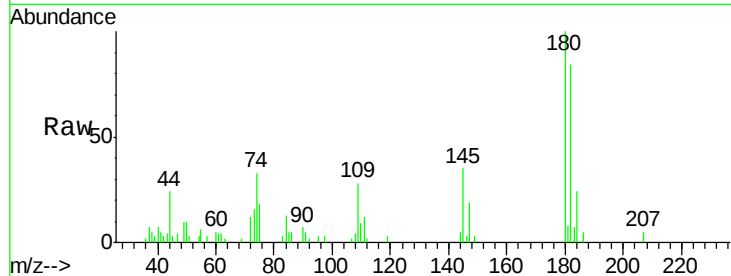




#93
 1,2,4-Trichlorobenzene
 Concen: 0.984 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018978.D
 Acq: 20 Oct 2020 16:21

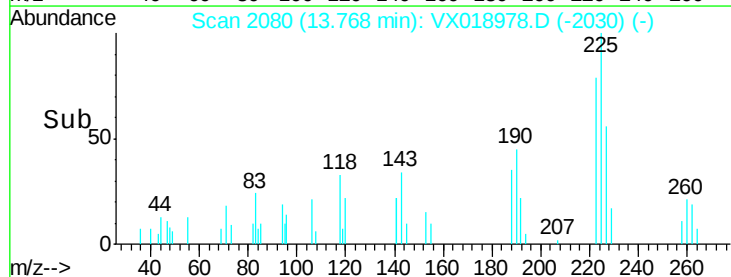
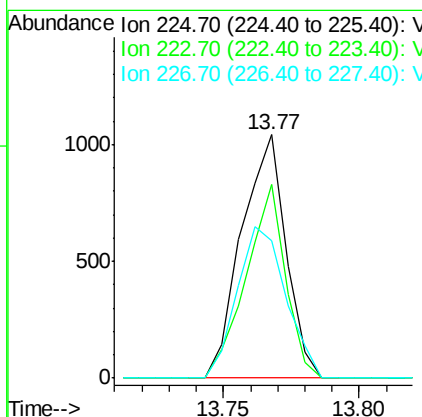
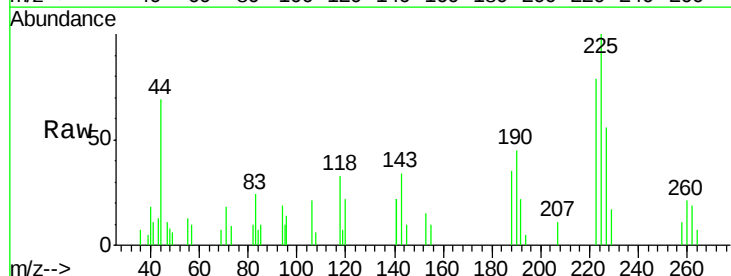
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

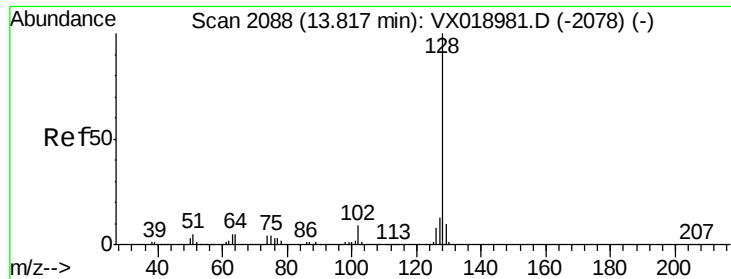
Tot Ion:180 Resp: 2720
 Ion Ratio Lower Upper
 180 100
 182 90.9 46.6 139.7
 145 35.4 15.7 47.1



#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

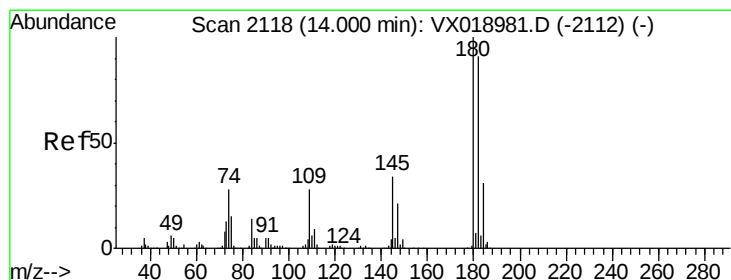
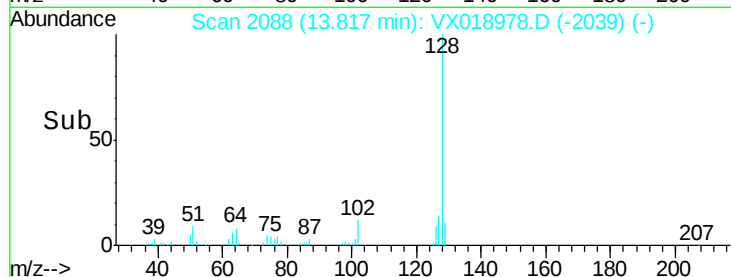
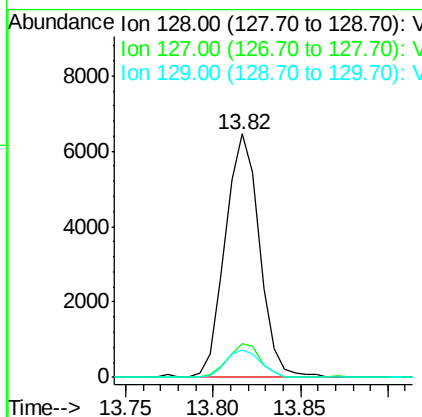
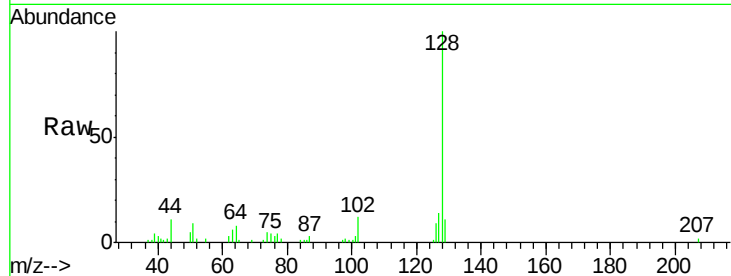




#95
Naphthalene
Concen: 0.956 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018978.D
Acq: 20 Oct 2020 16:21

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

