

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025531.D
 Acq On : 04 Dec 2021 18:51
 Operator : JC/MD
 Sample : M4923-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 01:07:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

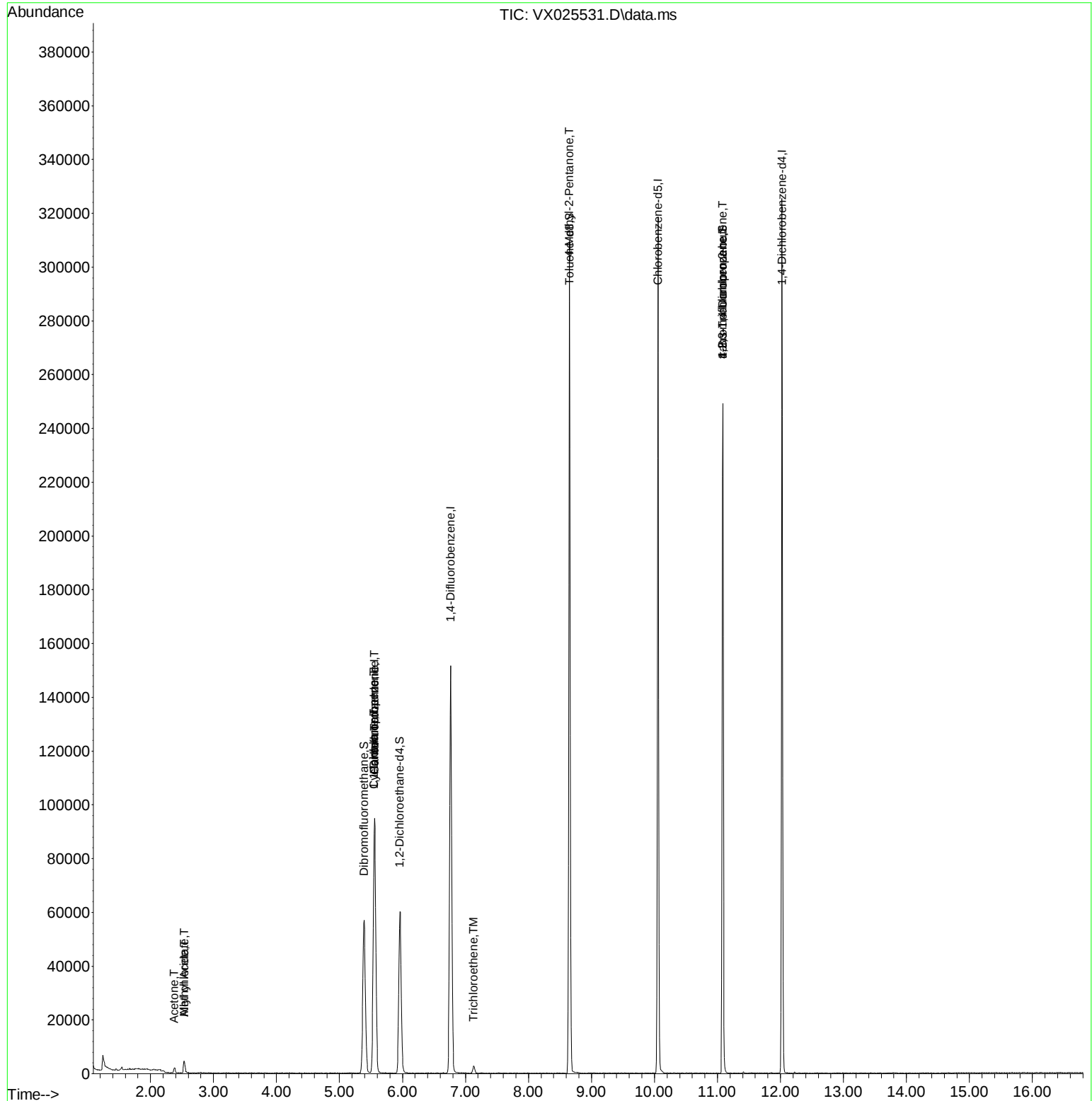
Internal Standards						
1) Pentafluorobenzene	5.556	168	94667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56829	56.95	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.90%			
35) Dibromofluoromethane	5.391	113	49603	49.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.76%			
50) Toluene-d8	8.653	98	186363	49.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.68%			
62) 4-Bromofluorobenzene	11.085	95	66294	46.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.74%			
Target Compounds						
					Qvalue	
14) Allyl chloride	2.532	41	438	0.28	ug/l #	73
16) Acetone	2.379	43	2220	4.00	ug/l	94
18) Methyl Acetate	2.532	43	1480	0.84	ug/l #	52
31) Cyclohexane	5.550	56	1777	1.15	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6495	4.59	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9202	5.91	ug/l #	17
44) Trichloroethene	7.129	130	1215	0.98	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	790	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32479	23.33	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	32479	58.76	ug/l #	9

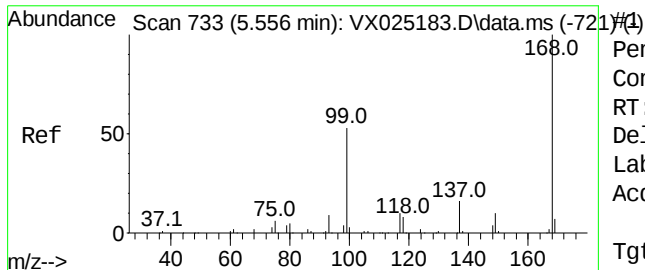
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

Instrument :

MSVOA_X

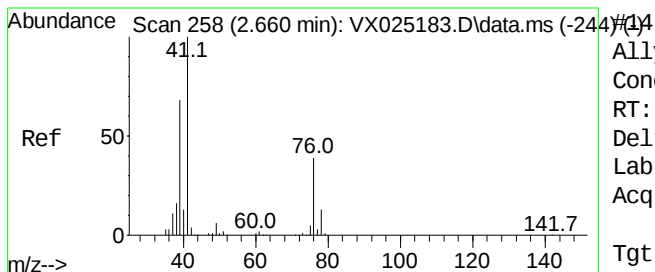
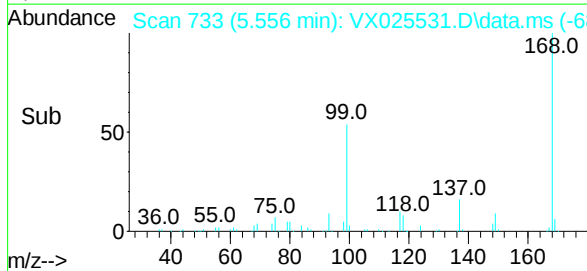
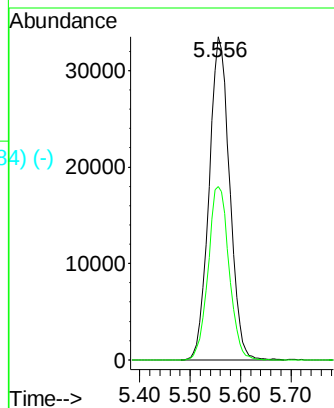
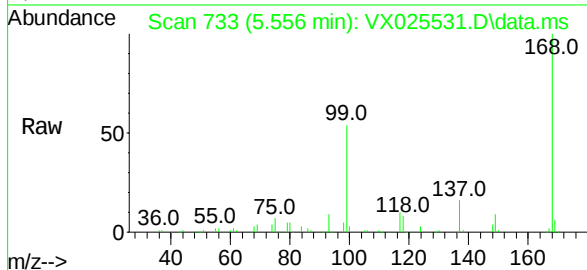
ClientSampleId :

Tgt Ion:168 Resp: 94667

Ion Ratio Lower Upper

168 100

99 53.6 46.4 69.6



Allyl chloride

Concen: 0.28 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

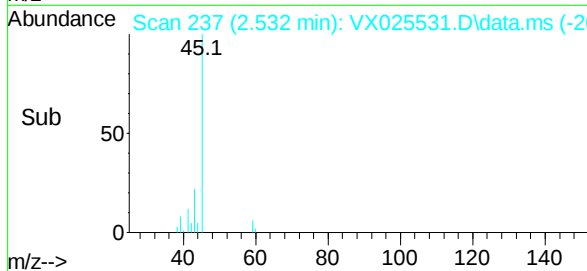
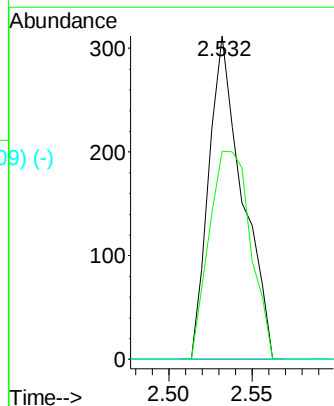
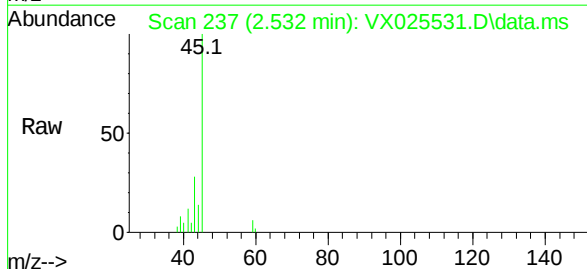
Tgt Ion: 41 Resp: 438

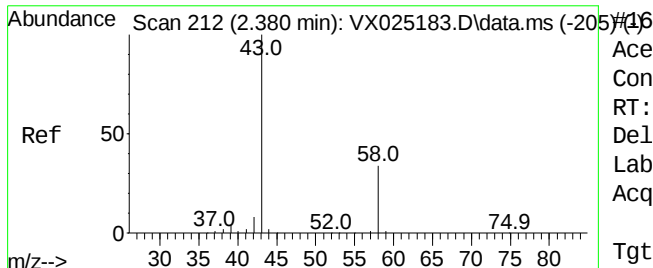
Ion Ratio Lower Upper

41 100

39 79.5 54.6 82.0

76 0.0 25.3 37.9#

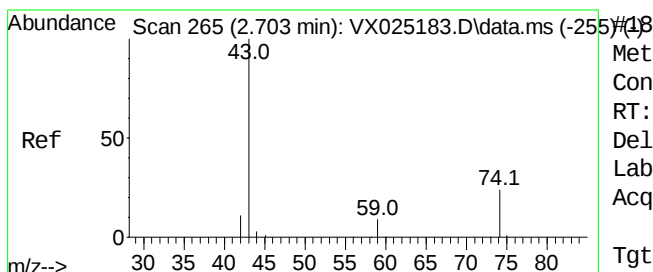
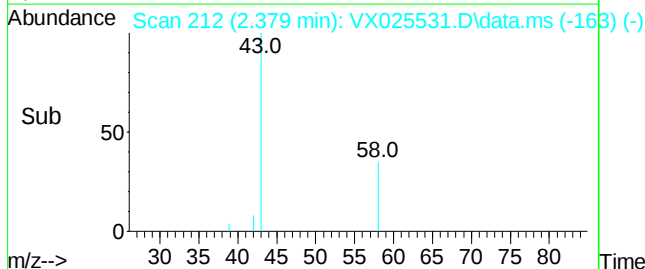
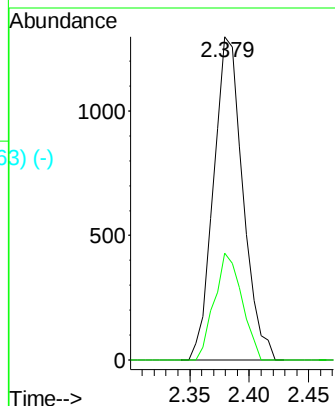
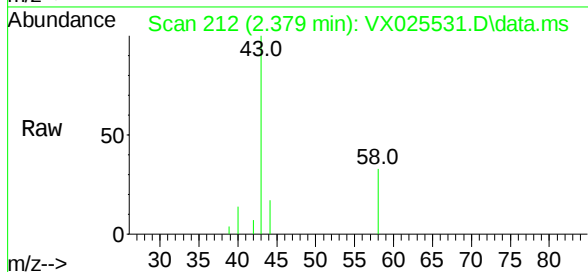




Acetone
 Concen: 4.00 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.001 min
 Lab File: VX025531.D
 Acq: 04 Dec 2021 18:51

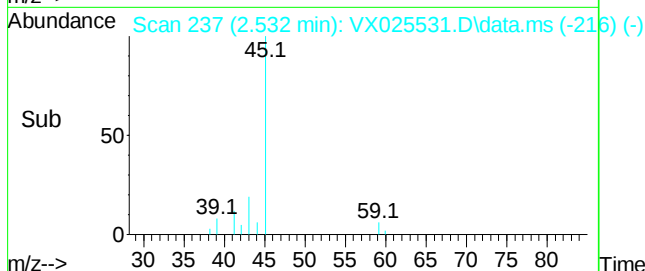
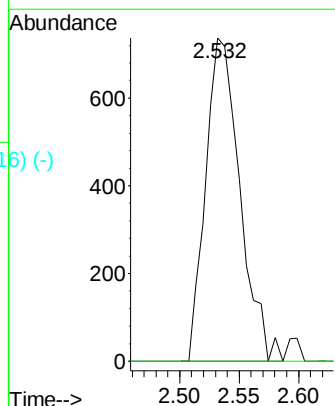
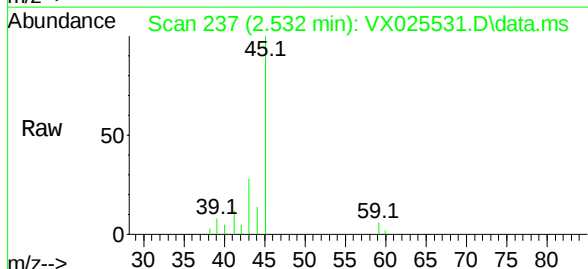
Instrument : MSVOA_X
 ClientSampleId :

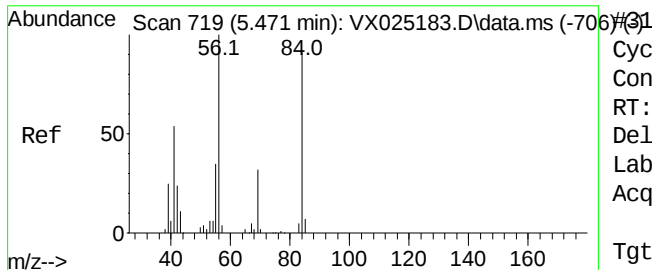
Tgt Ion: 43 Resp: 2220
 Ion Ratio Lower Upper
 43 100
 58 33.1 24.0 36.0



Methyl Acetate
 Concen: 0.84 ug/l
 RT: 2.532 min Scan# 237
 Delta R.T. -0.171 min
 Lab File: VX025531.D
 Acq: 04 Dec 2021 18:51

Tgt Ion: 43 Resp: 1480
 Ion Ratio Lower Upper
 43 100
 74 0.0 19.0 28.6#





Cyclohexane

Concen: 1.15 ug/l

RT: 5.550 min Scan#

Delta R.T. 0.079 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

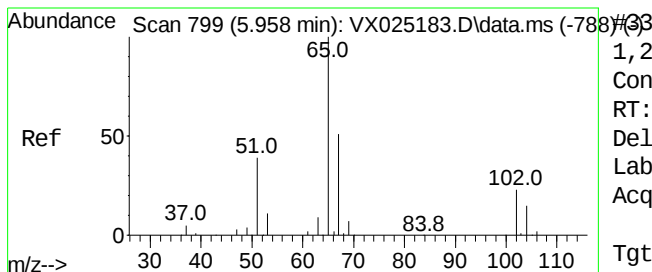
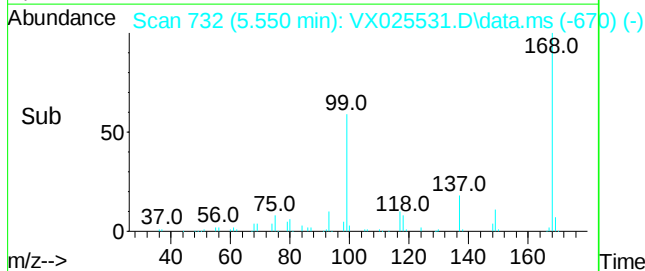
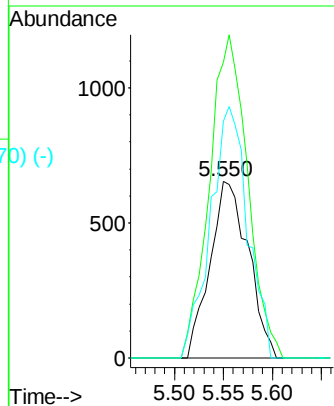
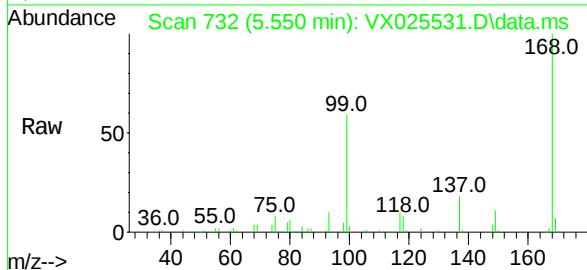
Tgt Ion: 56 Resp: 1777

Ion Ratio Lower Upper

56 100

69 167.3 24.2 36.2#

84 133.7 71.5 107.3#



1,2-Dichloroethane-d4

Concen: 56.95 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025531.D

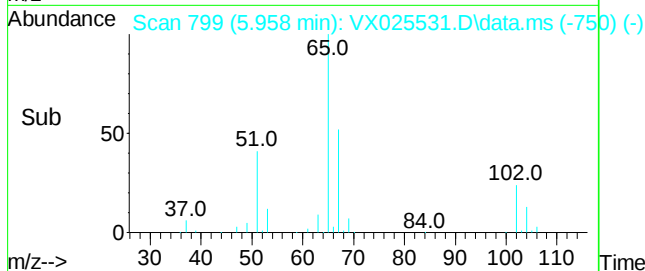
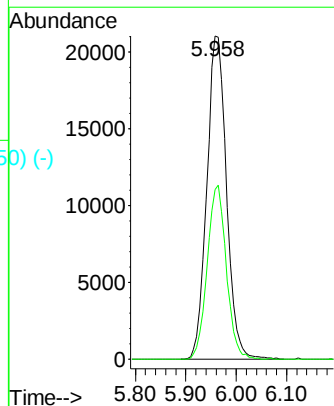
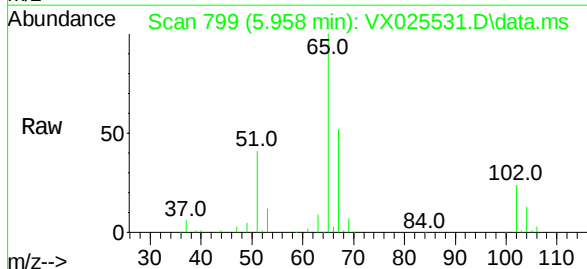
Acq: 04 Dec 2021 18:51

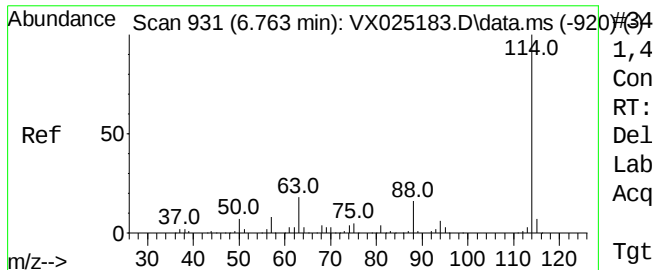
Tgt Ion: 65 Resp: 56829

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.0





1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

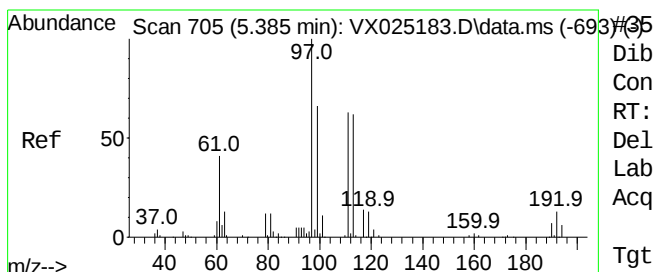
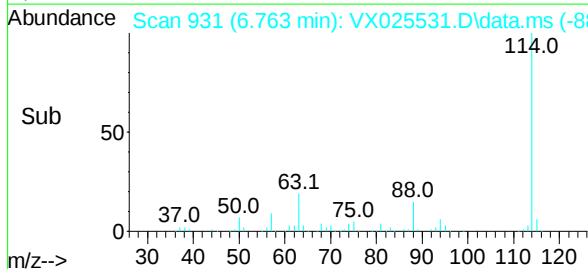
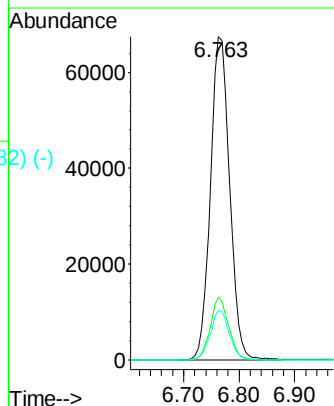
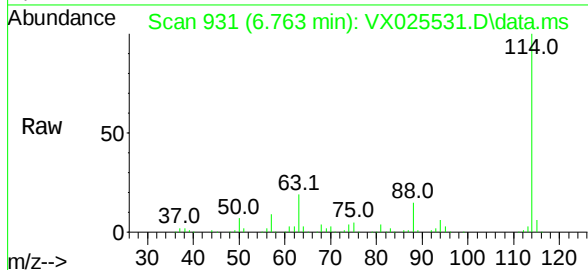
Tgt Ion:114 Resp: 162085

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.0

88 15.3 0.0 34.8



Dibromofluoromethane

Concen: 49.88 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

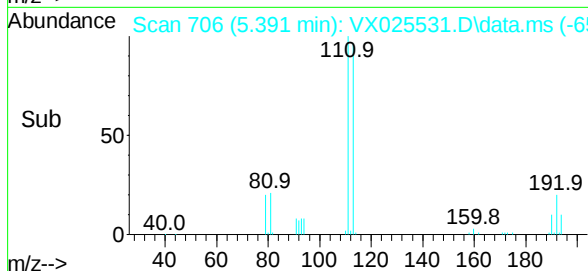
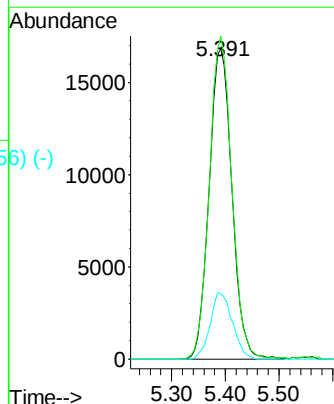
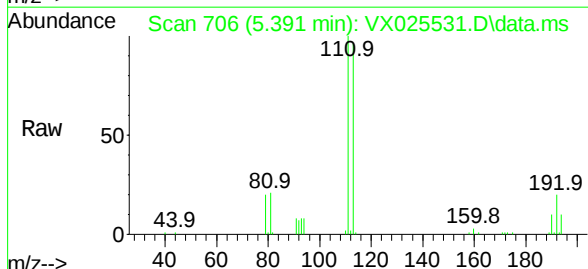
Tgt Ion:113 Resp: 49603

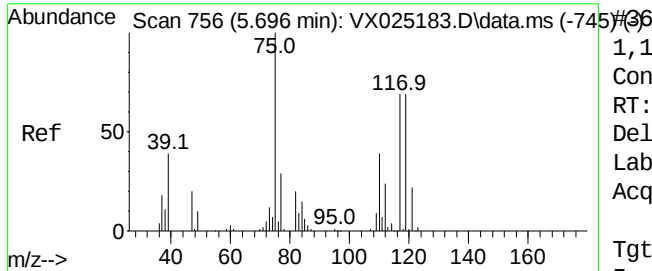
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 20.8 15.6 23.4

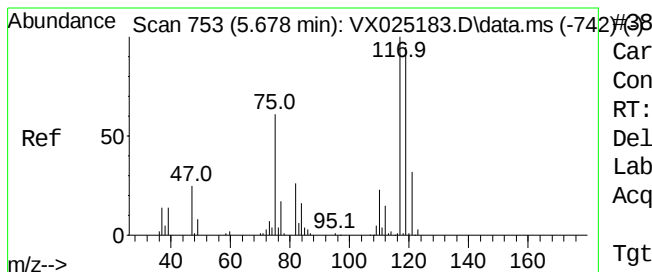
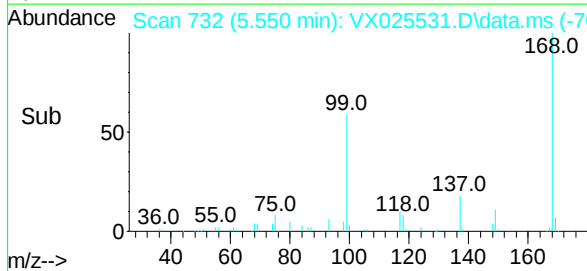
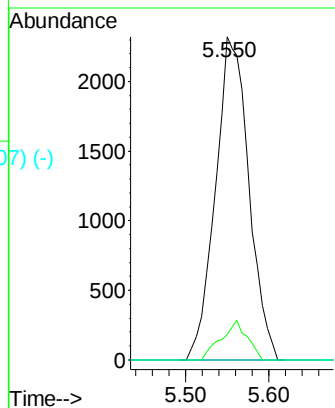
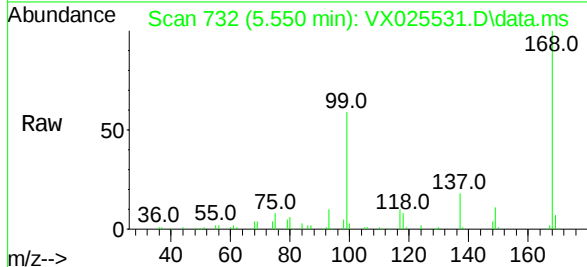




1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX025531.D
 Acq: 04 Dec 2021 18:51

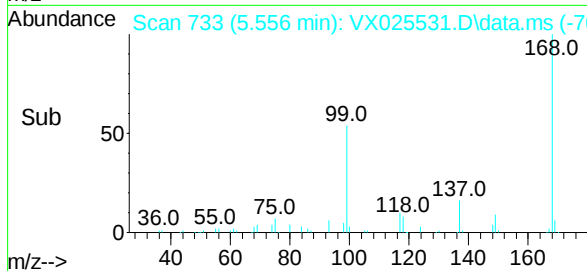
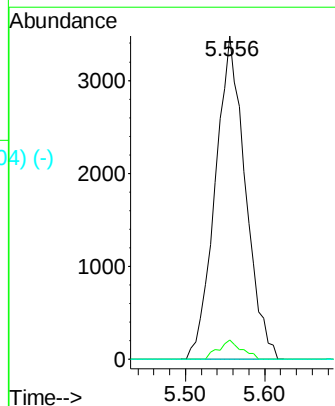
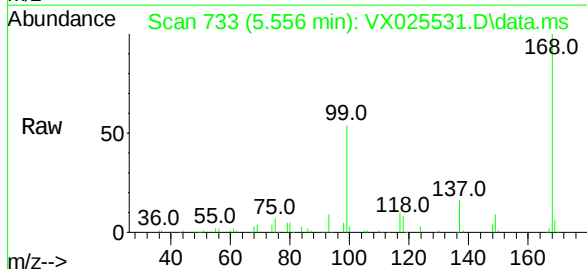
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:	75	Resp:	6495
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	24.4	36.6#



Carbon Tetrachloride
 Concen: 5.91 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX025531.D
 Acq: 04 Dec 2021 18:51

Tgt Ion:	117	Resp:	9202
Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.6	113.4#
121	0.0	23.7	35.5#



Abundance Scan 991 (7.129 min): VX025183.D\data.ms (-981) (-)

Trichloroethene

Concen: 0.98 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

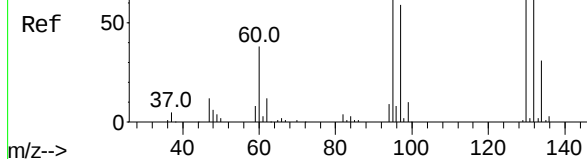
Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :

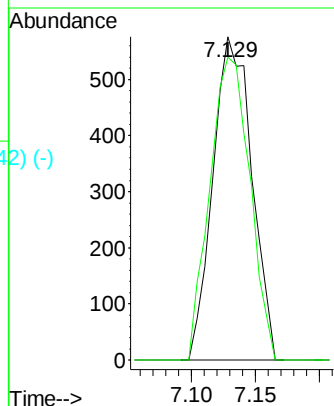
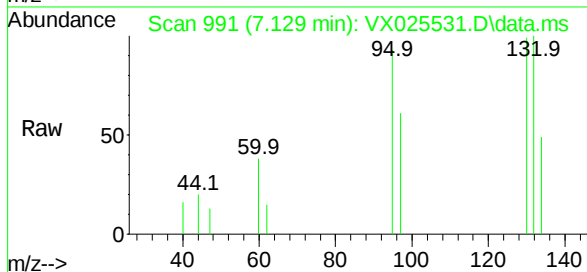


Tgt Ion:130 Resp: 1215

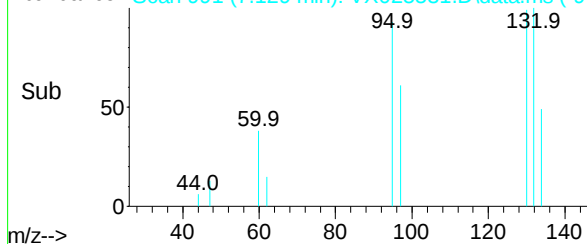
Ion Ratio Lower Upper

130 100

95 93.6 0.0 196.8



Abundance Scan 991 (7.129 min): VX025531.D\data.ms (-942) (-)



Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-1235) (-)

Toluene-d8

Concen: 49.84 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025531.D

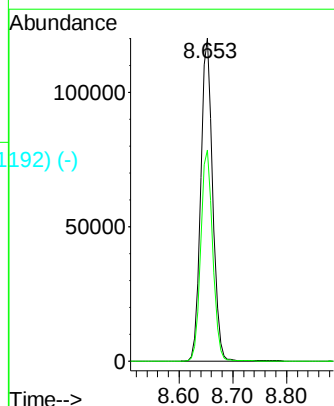
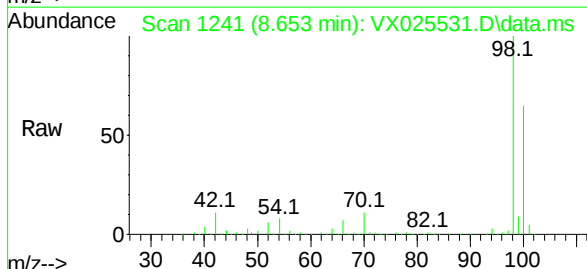
Acq: 04 Dec 2021 18:51

Tgt Ion: 98 Resp: 186363

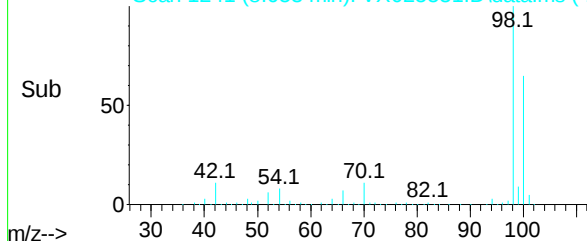
Ion Ratio Lower Upper

98 100

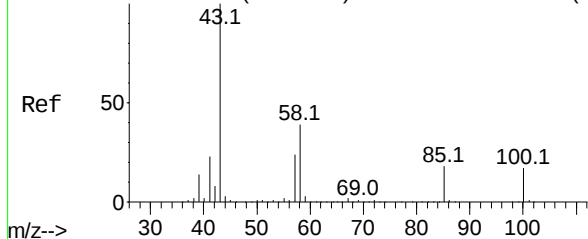
100 65.7 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025531.D\data.ms (-1192) (-)



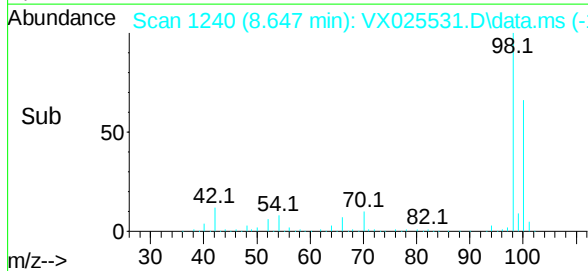
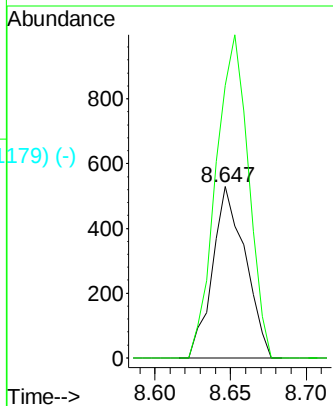
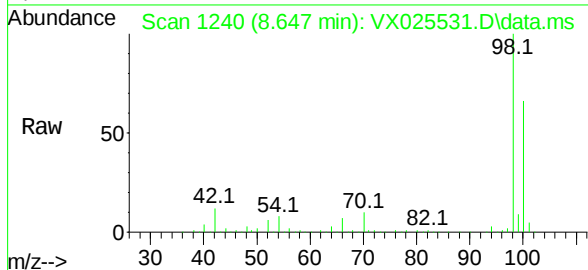
Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-1228) (-)



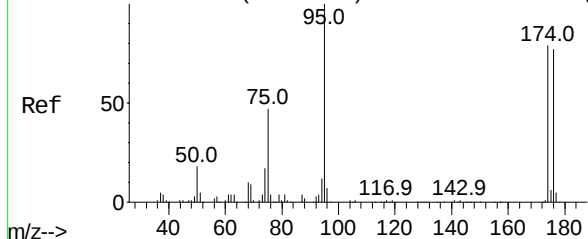
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.647 min Scan# 1228
Delta R.T. 0.073 min
Lab File: VX025531.D
Acq: 04 Dec 2021 18:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 188.1 30.9 46.3#

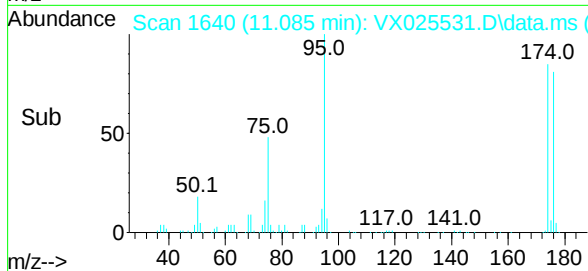
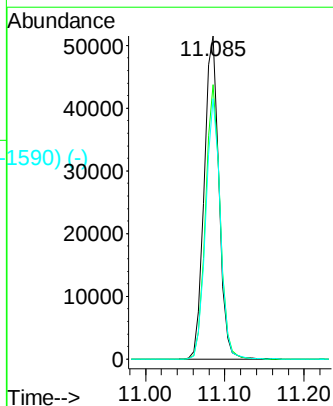
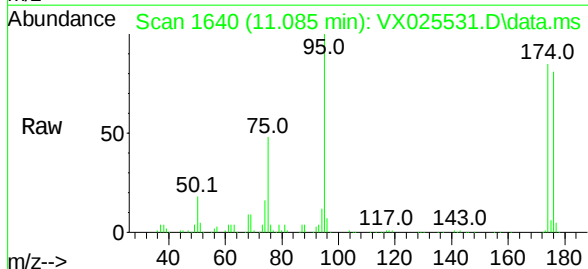


Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)



4-Bromofluorobenzene
Concen: 46.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025531.D
Acq: 04 Dec 2021 18:51

Tgt Ion: 95 Resp: 66294
Ion Ratio Lower Upper
95 100
174 84.0 0.0 158.0
176 80.1 0.0 153.6



Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1468) (-)

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.055 min Scan#

Delta R.T. -0.000 min

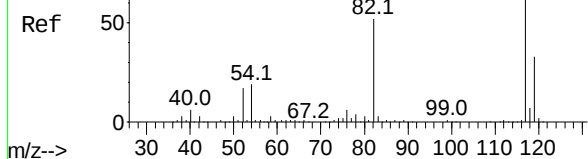
Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

Instrument :

MSVOA_X

ClientSampleId :



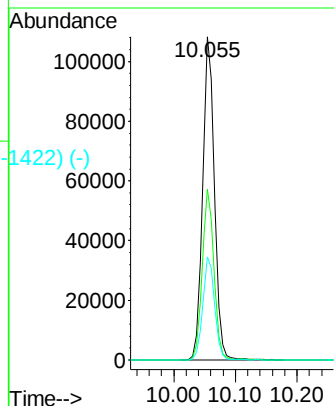
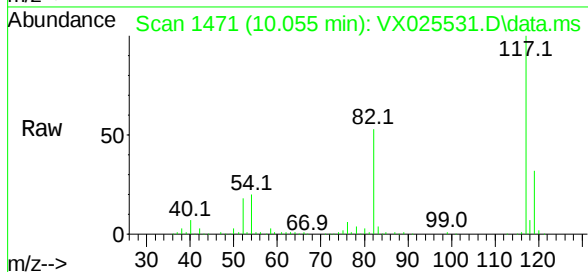
Tgt Ion:117 Resp: 145667

Ion Ratio Lower Upper

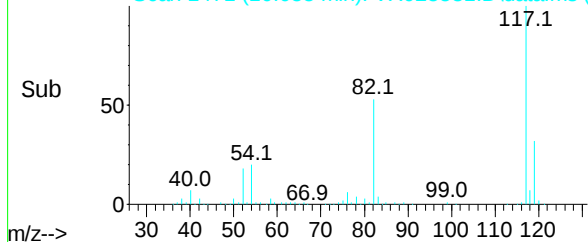
117 100

82 53.0 44.6 67.0

119 31.8 24.8 37.2



Abundance Scan 1471 (10.055 min): VX025531.D\data.ms (-1422) (-)



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-1783) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX025531.D

Acq: 04 Dec 2021 18:51

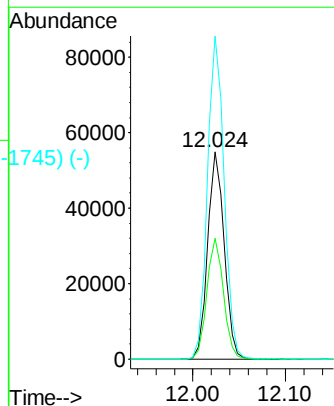
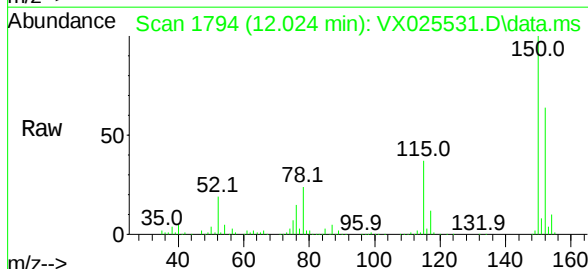
Tgt Ion:152 Resp: 67994

Ion Ratio Lower Upper

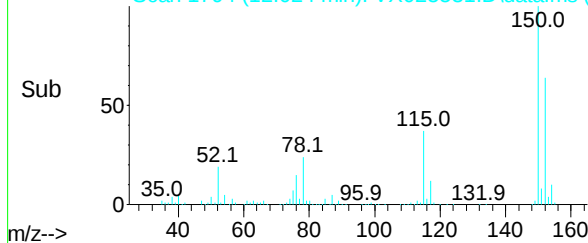
152 100

115 58.3 43.3 129.8

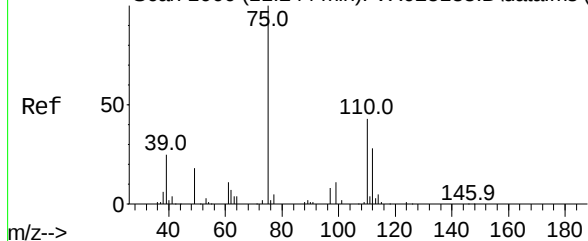
150 157.1 0.0 351.2



Abundance Scan 1794 (12.024 min): VX025531.D\data.ms (-1745) (-)



Abundance Scan 1666 (11.244 min): VX025183.D\data.ms (-1675)

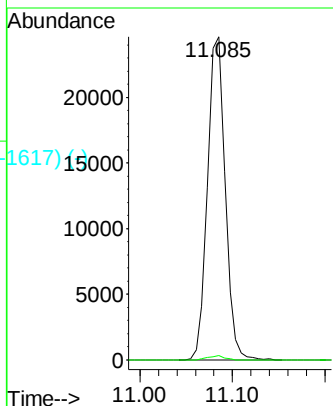
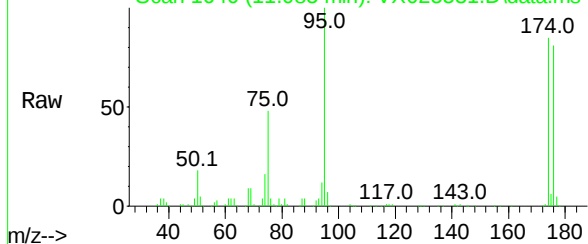


1,2,3-Trichloropropane
Concen: 23.33 ug/l
RT: 11.085 min Scan# 1675
Delta R.T. -0.159 min
Lab File: VX025531.D
Acq: 04 Dec 2021 18:51

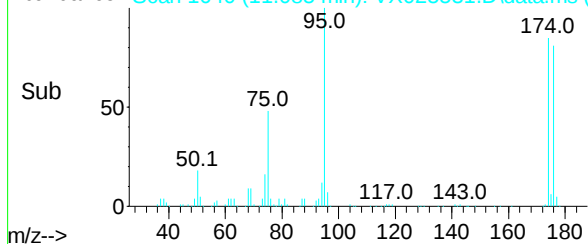
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32479
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#

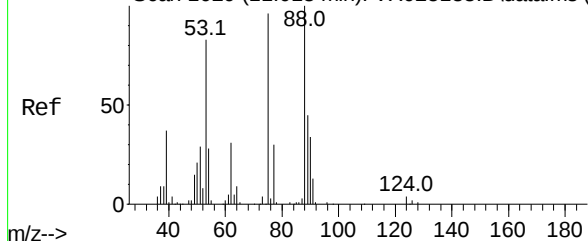
Abundance Scan 1640 (11.085 min): VX025531.D\data.ms



Abundance Scan 1640 (11.085 min): VX025531.D\data.ms (-1617)



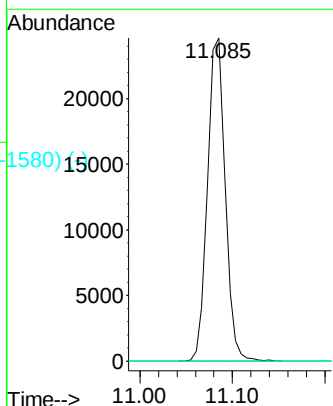
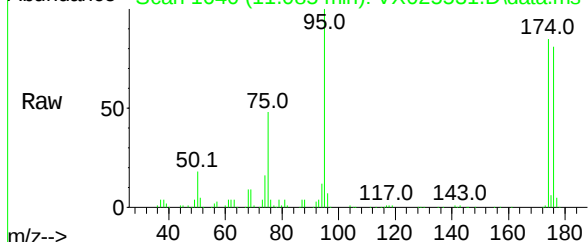
Abundance Scan 1629 (11.018 min): VX025183.D\data.ms (-1624)



trans-1,4-Dichloro-2-butene
Concen: 58.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025531.D
Acq: 04 Dec 2021 18:51

Tgt Ion: 75 Resp: 32479
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

Abundance Scan 1640 (11.085 min): VX025531.D\data.ms



Abundance Scan 1640 (11.085 min): VX025531.D\data.ms (-1580)

