

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025529.D
 Acq On : 04 Dec 2021 18:05
 Operator : JC/MD
 Sample : M4923-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 01:06:45 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)

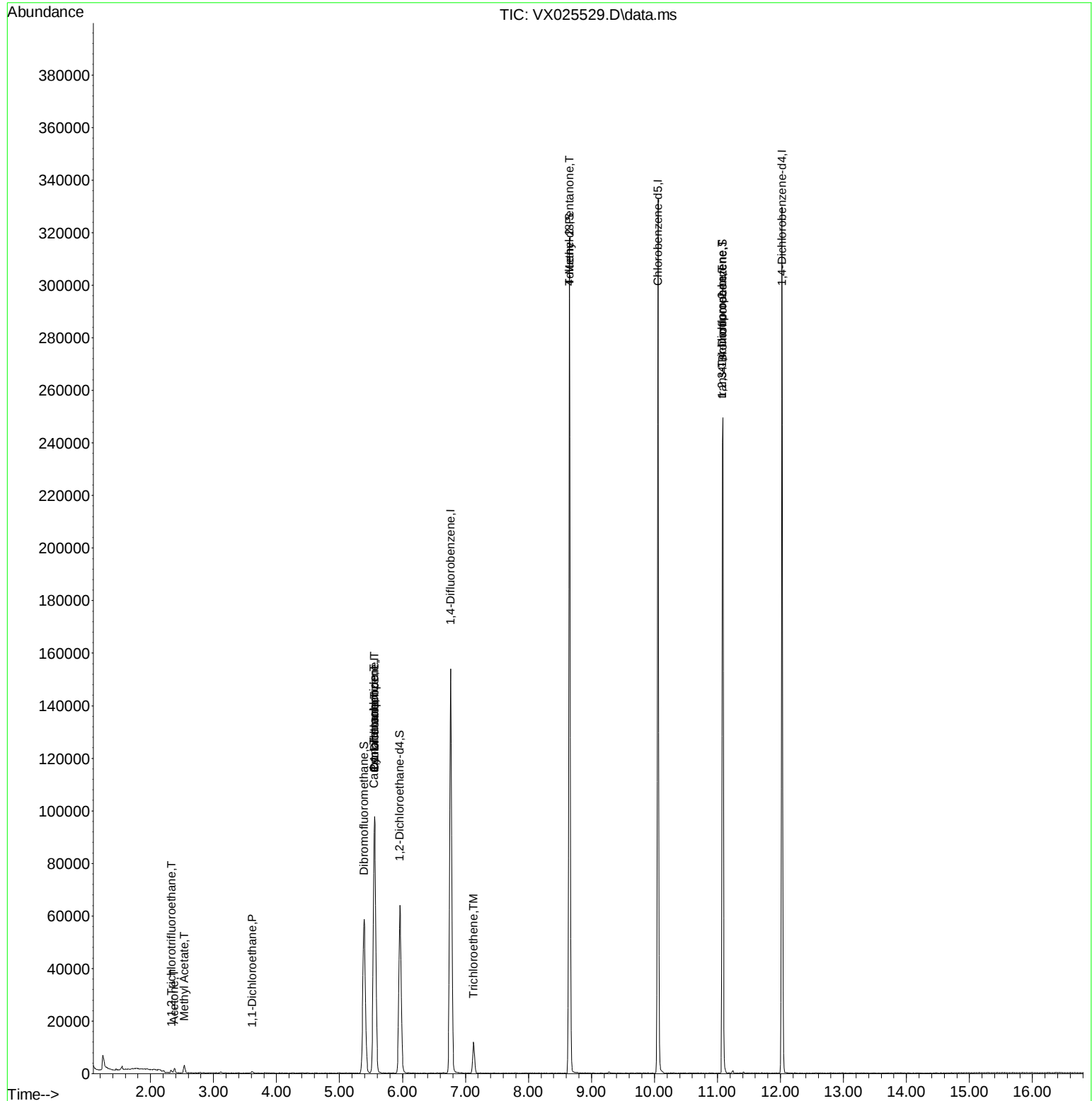
Internal Standards						
1) Pentafluorobenzene	5.556	168	97839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58240	56.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.94%			
35) Dibromofluoromethane	5.391	113	50775	50.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.40%			
50) Toluene-d8	8.653	98	189874	50.42	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.84%			
62) 4-Bromofluorobenzene	11.085	95	67957	47.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.40%			
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	341	0.37	ug/l	94
16) Acetone	2.379	43	1920	3.35	ug/l #	83
18) Methyl Acetate	2.538	43	842	0.46	ug/l #	52
24) 1,1-Dichloroethane	3.611	63	818	0.48	ug/l #	83
31) Cyclohexane	5.556	56	1957	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6660	4.68	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9518	6.07	ug/l #	17
44) Trichloroethene	7.129	130	4638	3.70	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	756	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33323	23.59	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33323	59.42	ug/l #	9

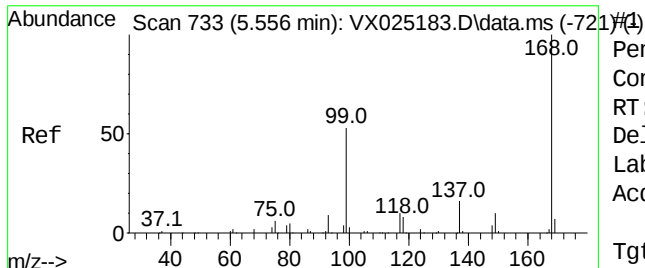
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

Instrument :

MSVOA_X

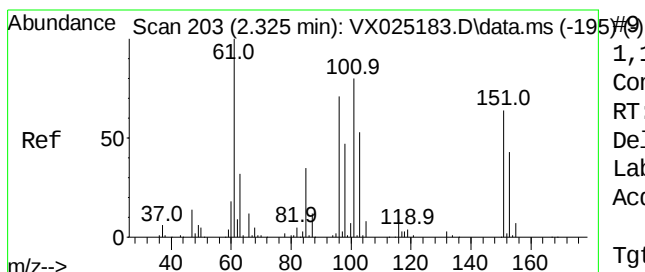
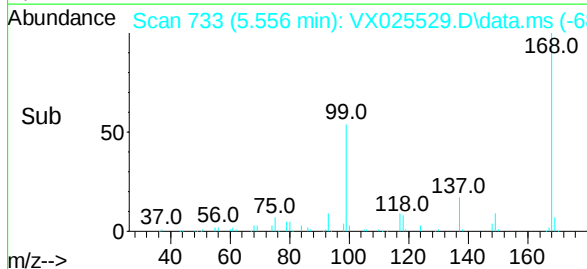
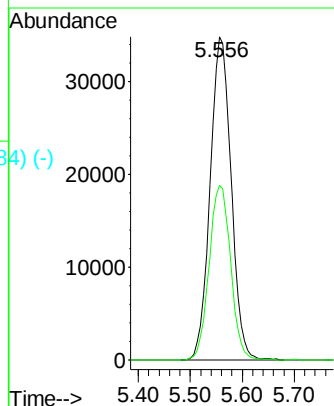
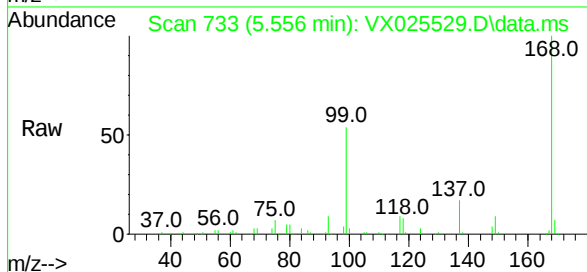
ClientSampleId :

Tgt Ion:168 Resp: 97839

Ion Ratio Lower Upper

168 100

99 54.1 46.4 69.6



1,1,2-Trichlorotrifluoroethane

Concen: 0.37 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

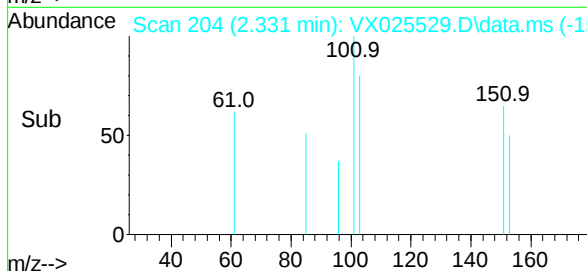
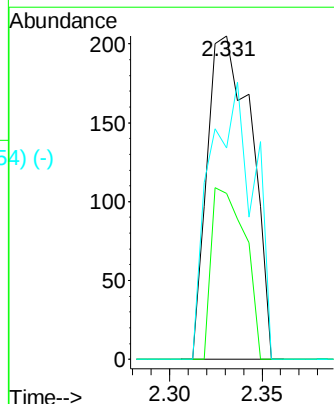
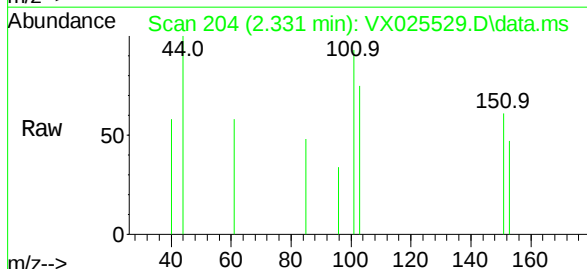
Tgt Ion:101 Resp: 341

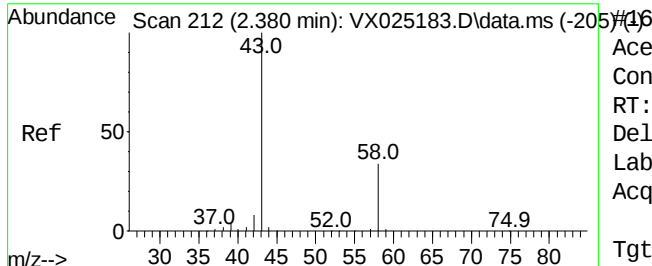
Ion Ratio Lower Upper

101 100

85 40.5 35.9 53.9

151 85.3 64.4 96.6





Acetone

Concen: 3.35 ug/l

RT: 2.379 min Scan# 16

Delta R.T. -0.001 min

Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

Instrument :

MSVOA_X

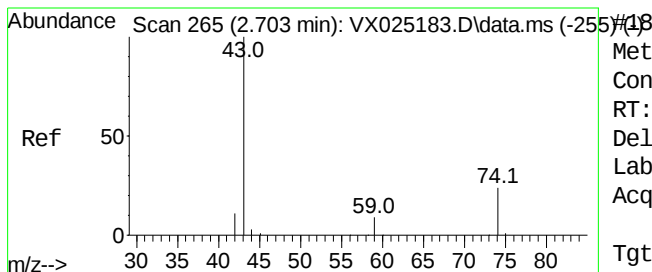
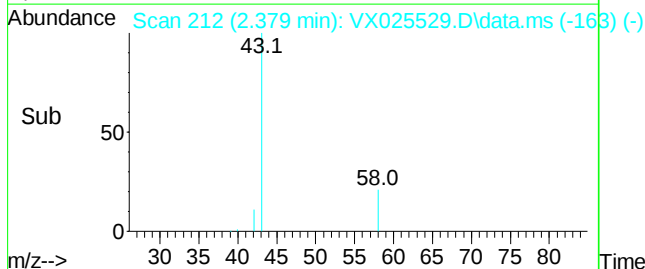
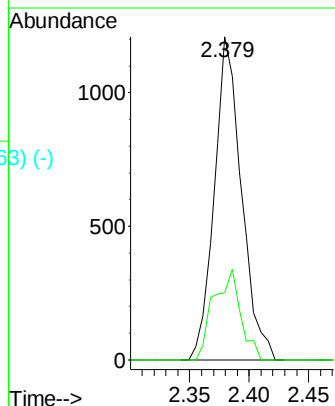
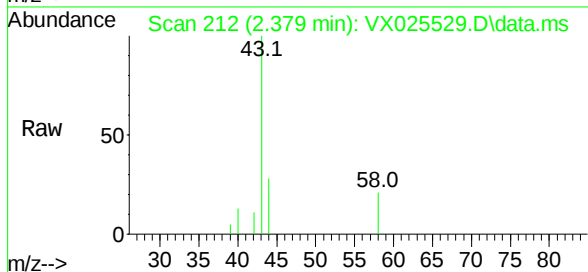
ClientSampleId :

Tgt Ion: 43 Resp: 1920

Ion Ratio Lower Upper

43 100

58 20.8 24.0 36.0#



Methyl Acetate

Concen: 0.46 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.165 min

Lab File: VX025529.D

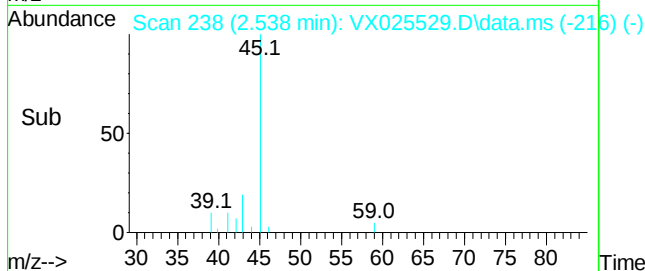
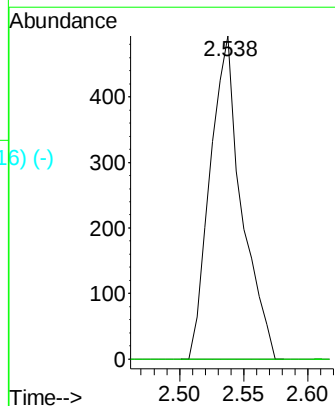
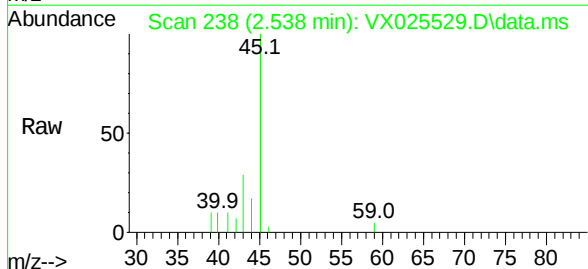
Acq: 04 Dec 2021 18:05

Tgt Ion: 43 Resp: 842

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



Abundance Scan 414 (3.611 min): VX025183.D\data.ms (-403) #24

1,1-Dichloroethane

Concen: 0.48 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

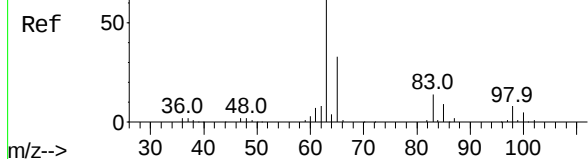
Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

Instrument :

MSVOA_X

ClientSampleId :



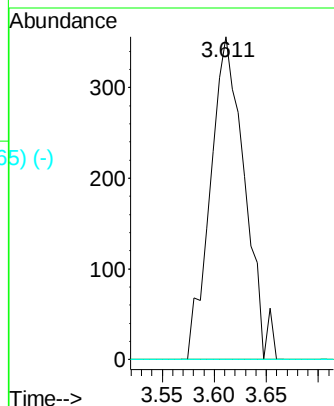
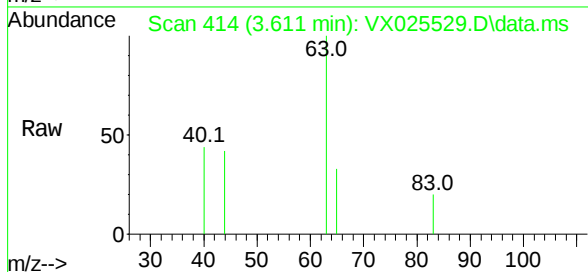
Tgt Ion: 63 Resp: 818

Ion Ratio Lower Upper

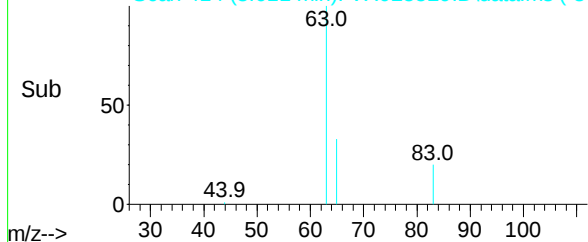
63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.2#



Abundance Scan 414 (3.611 min): VX025529.D\data.ms (-365) (-)



Abundance Scan 719 (5.471 min): VX025183.D\data.ms (-706) #31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

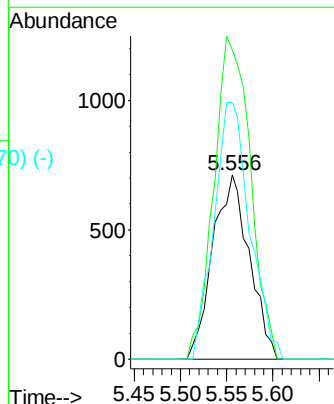
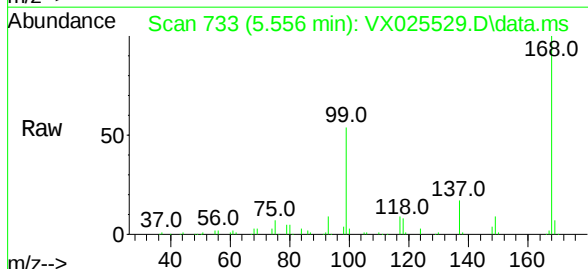
Tgt Ion: 56 Resp: 1957

Ion Ratio Lower Upper

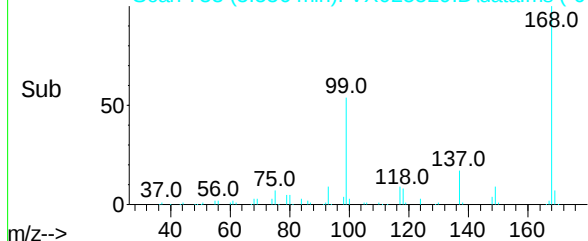
56 100

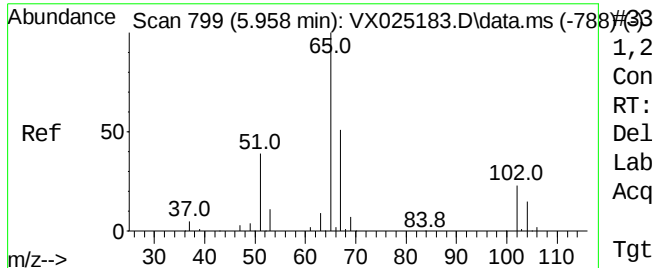
69 167.7 24.2 36.2#

84 139.2 71.5 107.3#



Abundance Scan 733 (5.556 min): VX025529.D\data.ms (-670) (-)

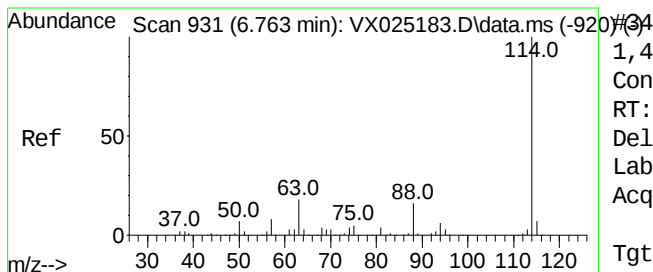
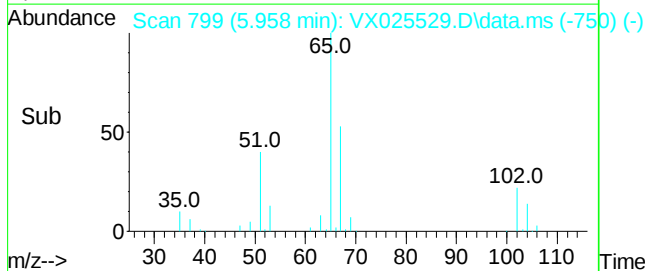
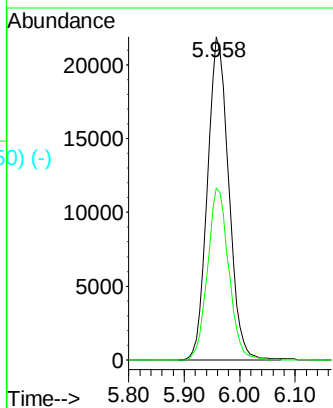
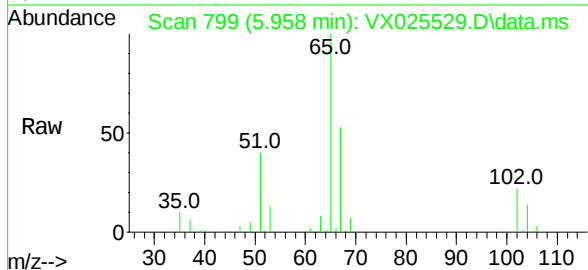




1,2-Dichloroethane-d4
 Concen: 56.47 ug/l
 RT: 5.958 min Scan#
 Delta R.T. 0.000 min
 Lab File: VX025529.D
 Acq: 04 Dec 2021 18:05

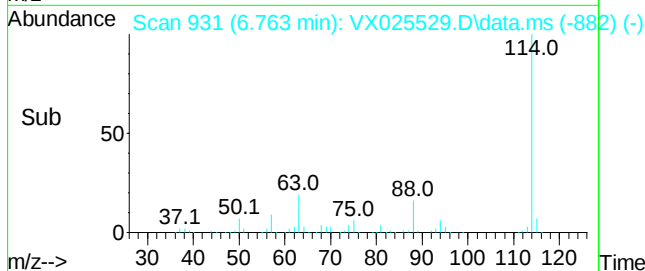
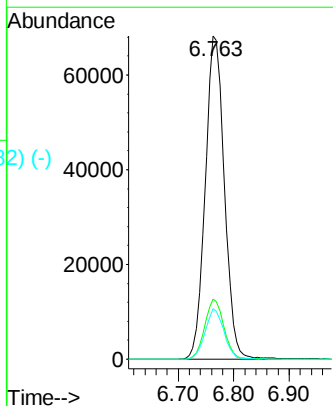
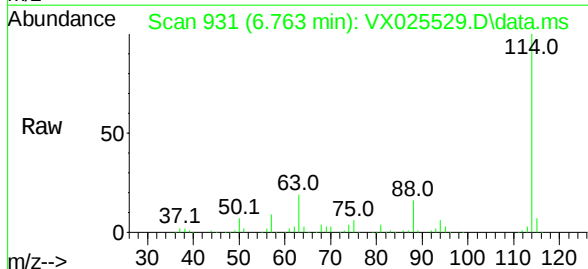
Instrument :
 MSVOA_X
 ClientSampleId :

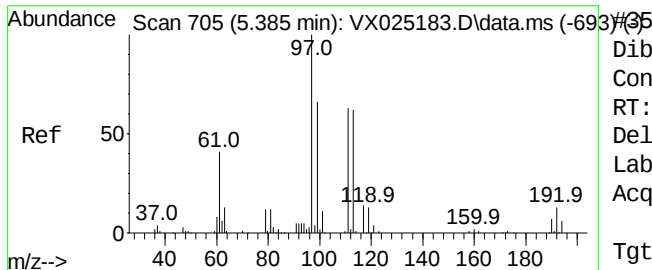
Tgt Ion: 65 Resp: 58240
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.0



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025529.D
 Acq: 04 Dec 2021 18:05

Tgt Ion: 114 Resp: 163233
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.0
 88 15.7 0.0 34.8

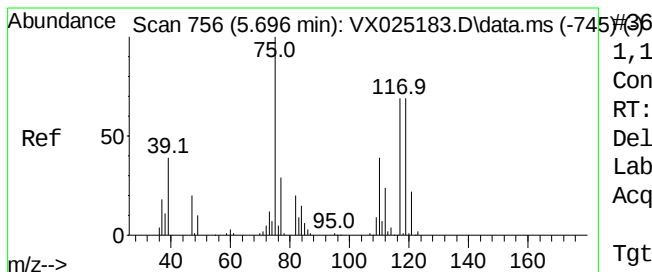
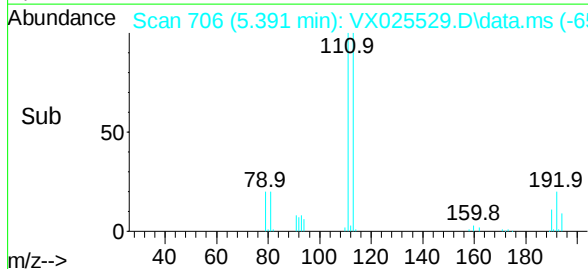
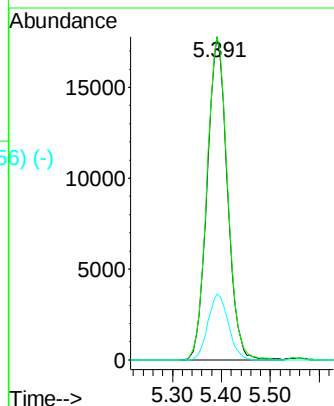
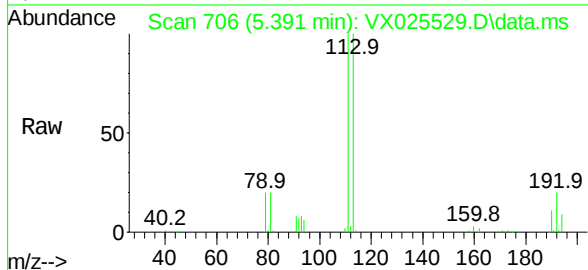




Dibromofluoromethane
 Concen: 50.70 ug/l
 RT: 5.391 min Scan# 735
 Delta R.T. 0.006 min
 Lab File: VX025529.D
 Acq: 04 Dec 2021 18:05

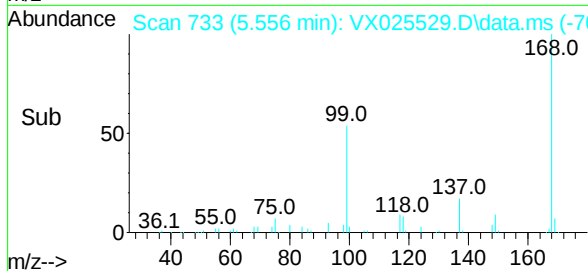
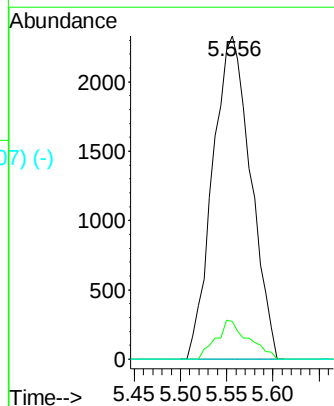
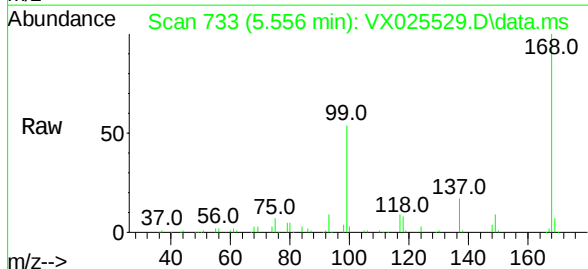
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:	113	Resp:	50775
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	20.6	15.6	23.4



1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX025529.D
 Acq: 04 Dec 2021 18:05

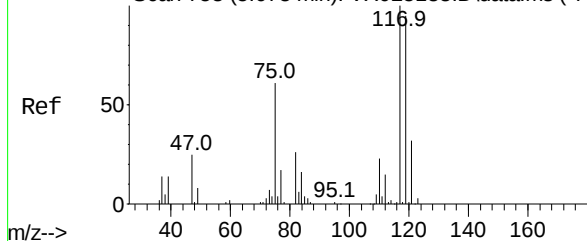
Tgt Ion:	75	Resp:	6660
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.3#
77	0.0	24.4	36.6#



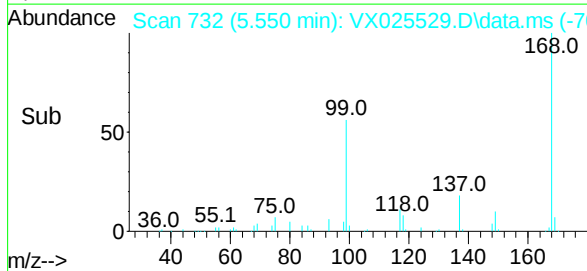
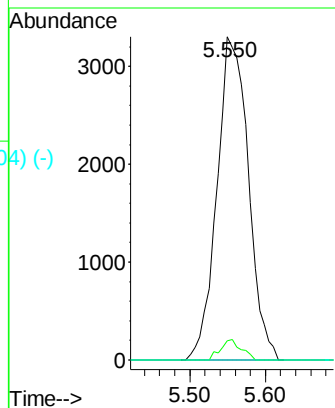
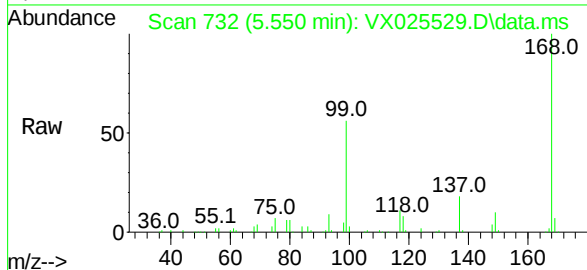
Abundance Scan 753 (5.678 min): VX025183.D\data.ms (-742) #38

Carbon Tetrachloride
Concen: 6.07 ug/l
RT: 5.550 min Scan# 93
Delta R.T. -0.128 min
Lab File: VX025529.D
Acq: 04 Dec 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :



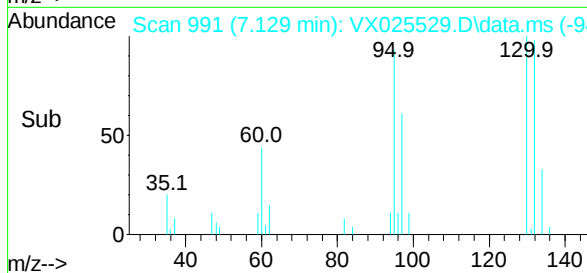
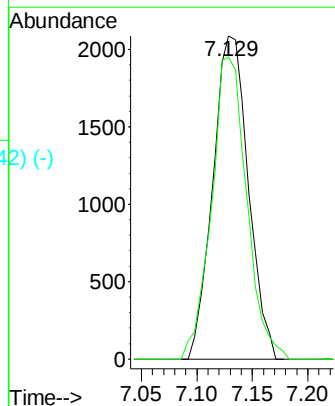
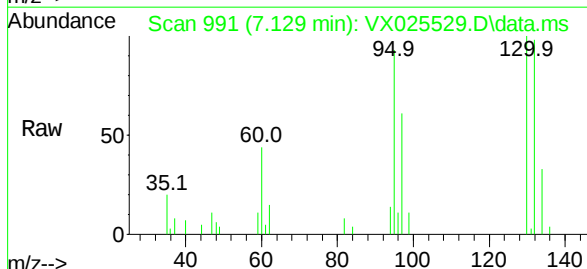
Tgt Ion:	117	Resp:	9518
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.6	113.4#
121	0.0	23.7	35.5#



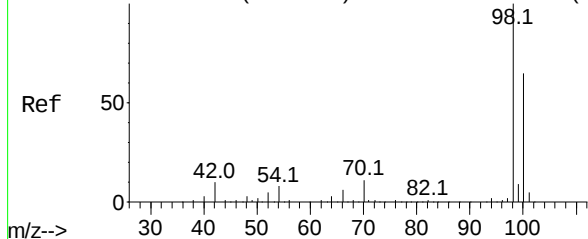
Abundance Scan 991 (7.129 min): VX025183.D\data.ms (-981) #44

Trichloroethene
Concen: 3.70 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025529.D
Acq: 04 Dec 2021 18:05

Tgt Ion:	130	Resp:	4638
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	196.8



Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-12350-)



Toluene-d8

Concen: 50.42 ug/l

RT: 8.653 min Scan#

Delta R.T. -0.000 min

Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

Instrument :

MSVOA_X

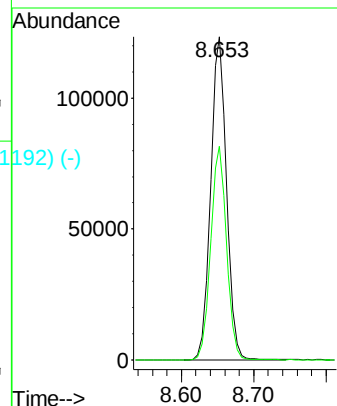
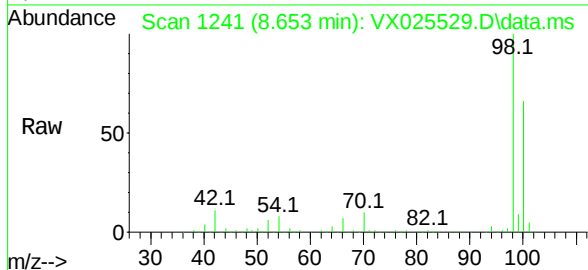
ClientSampleId :

Tgt Ion: 98 Resp: 189874

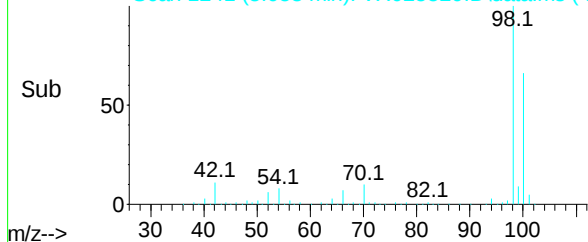
Ion Ratio Lower Upper

98 100

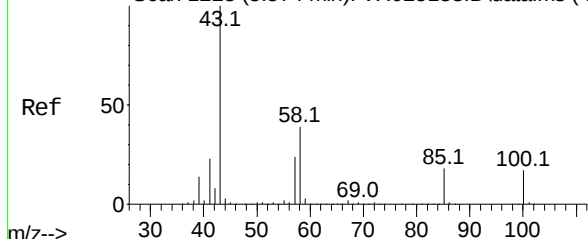
100 66.2 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025529.D\data.ms (-1192-)



Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-12351-)



4-Methyl-2-Pentanone

Concen: 0.45 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025529.D

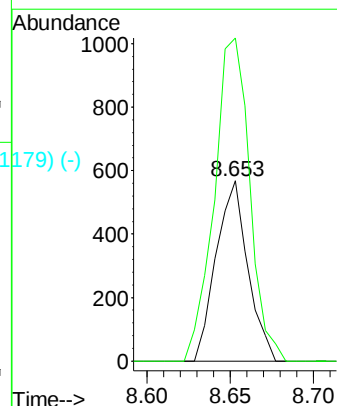
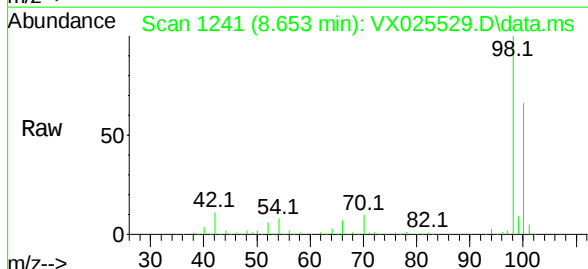
Acq: 04 Dec 2021 18:05

Tgt Ion: 43 Resp: 756

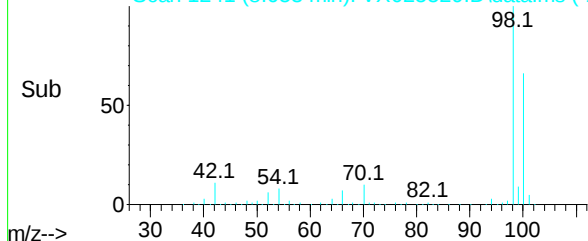
Ion Ratio Lower Upper

43 100

58 200.1 30.9 46.3#



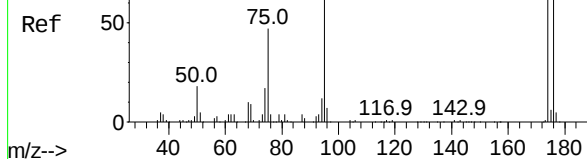
Abundance Scan 1241 (8.653 min): VX025529.D\data.ms (-1179-)



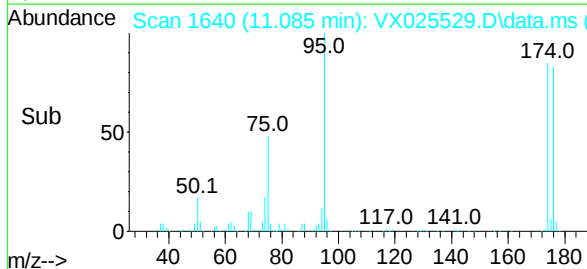
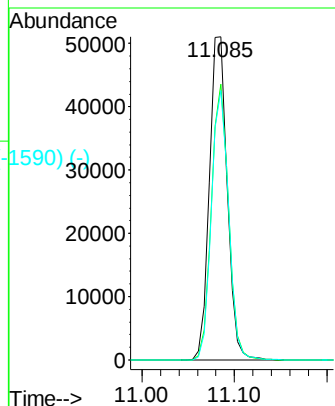
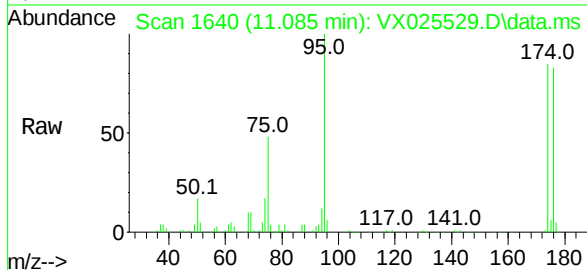
Abundance Scan 1639 (11.079 min): VX025183.D\data.ms (-1639) (-)

4-Bromofluorobenzene
Concen: 47.70 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX025529.D
Acq: 04 Dec 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :

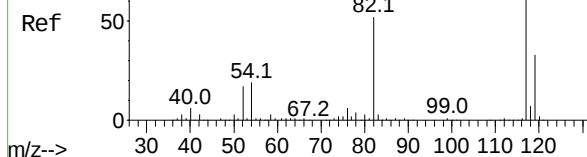


Tgt Ion:	95	Resp:	67957
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	158.0
176	80.6	0.0	153.6

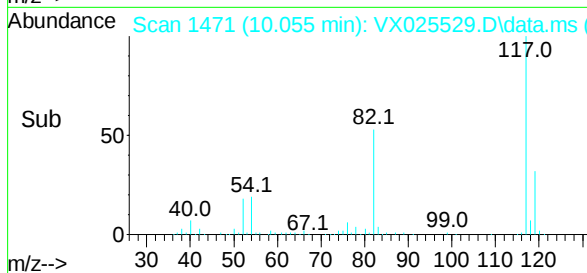
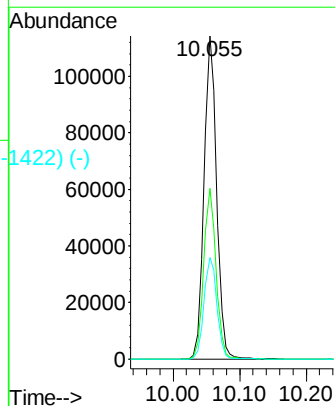
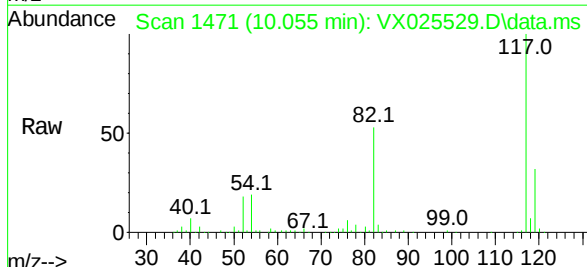


Abundance Scan 1471 (10.055 min): VX025183.D\data.ms (-1469) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025529.D
Acq: 04 Dec 2021 18:05



Tgt Ion:	117	Resp:	149749
Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.6	67.0
119	31.5	24.8	37.2



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-1759) (-)

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.024 min Scan# 1759

Delta R.T. 0.000 min

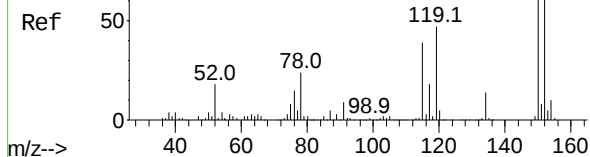
Lab File: VX025529.D

Acq: 04 Dec 2021 18:05

Instrument :

MSVOA_X

ClientSampleId :



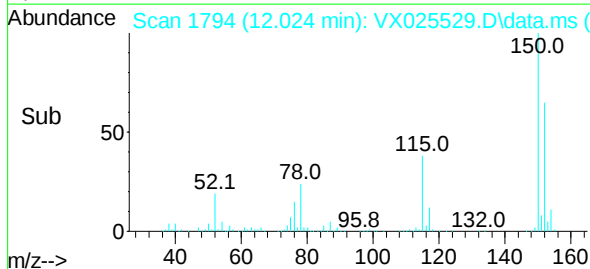
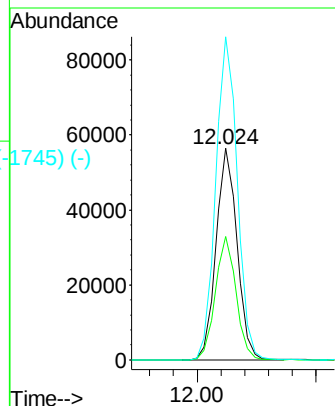
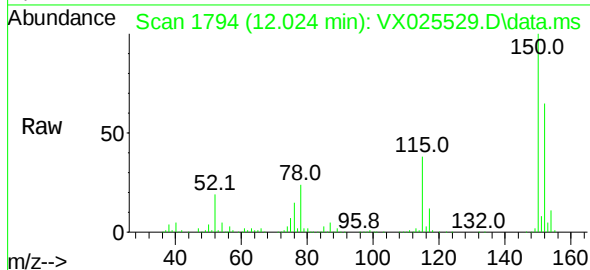
Tgt Ion:152 Resp: 68993

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.8

150 157.0 0.0 351.2



Abundance Scan 1666 (11.244 min): VX025183.D\data.ms (-1676) (-)

1,2,3-Trichloropropane

Concen: 23.59 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025529.D

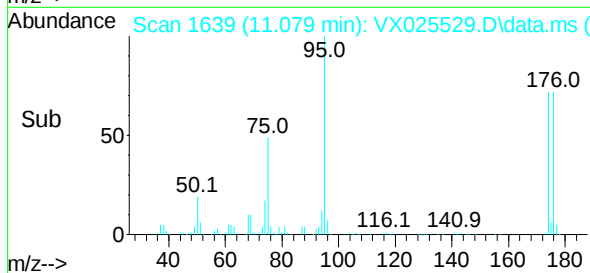
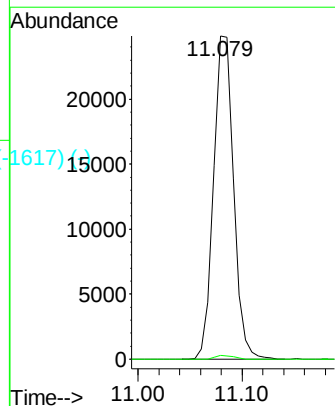
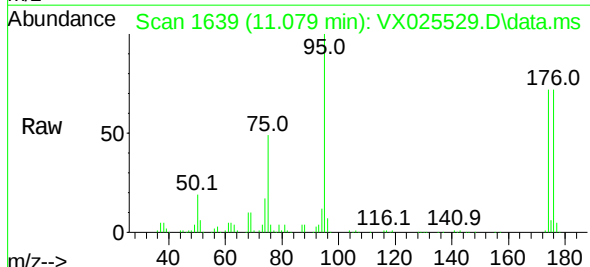
Acq: 04 Dec 2021 18:05

Tgt Ion: 75 Resp: 33323

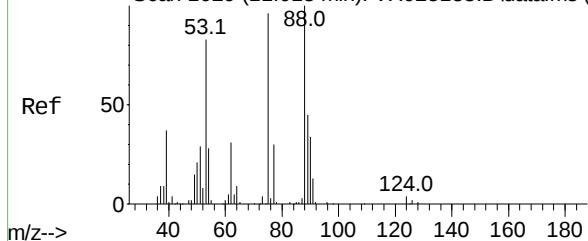
Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



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



trans-1,4-Dichloro-2-butene
Concen: 59.42 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX025529.D
Acq: 04 Dec 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33323
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

