

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025513.D
 Acq On : 04 Dec 2021 11:41
 Operator : JC/MD
 Sample : VX1204MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 01:00:32 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)

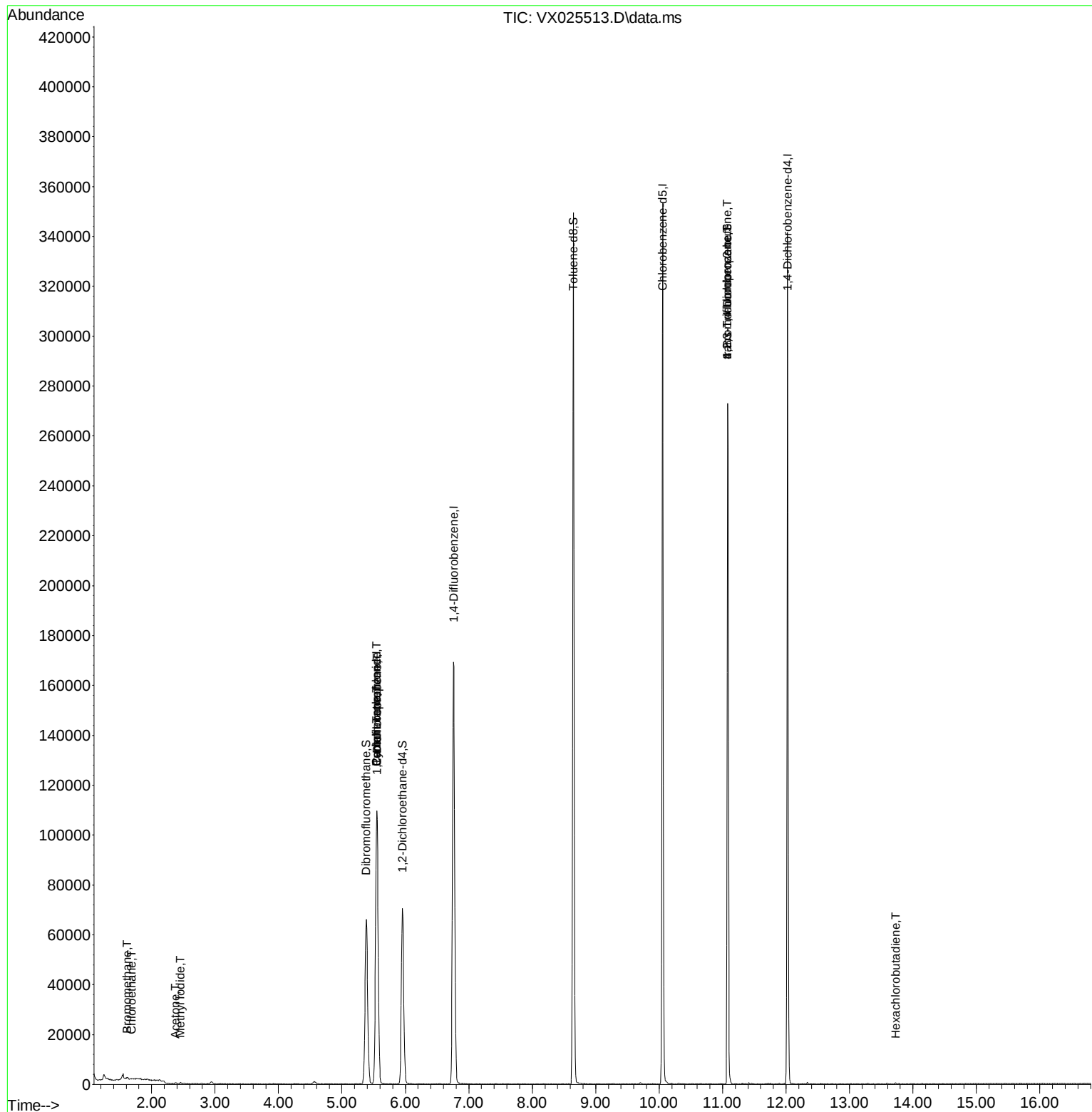
Internal Standards						
1) Pentafluorobenzene	5.550	168	110924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64036	54.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.54%			
35) Dibromofluoromethane	5.385	113	56959	50.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.56%			
50) Toluene-d8	8.647	98	210952	49.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.06%			
62) 4-Bromofluorobenzene	11.079	95	72908	45.25	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.50%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	308	0.55	ug/l	92
6) Chloroethane	1.685	64	189	0.21	ug/l #	43
10) Methyl Iodide	2.459	142	428	0.33	ug/l #	78
11) Tert butyl alcohol	2.947	59	552	Below Cal	#	72
16) Acetone	2.374	43	476	0.73	ug/l	90
31) Cyclohexane	5.550	56	2053	1.14	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	7739	4.80	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10412	5.87	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	35313	24.05	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35313	60.59	ug/l #	9
94) Hexachlorobutadiene	13.731	225	150	0.22	ug/l	80
95) Naphthalene	13.780	128	277	Below Cal	#	69

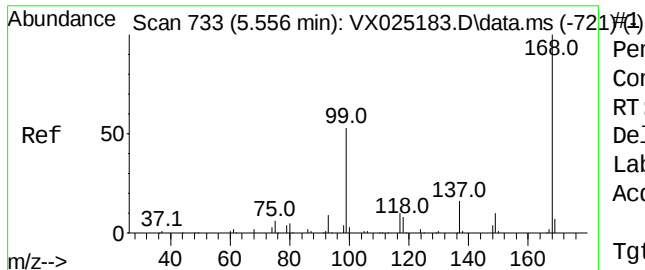
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
Data File : VX025513.D
Acq On : 04 Dec 2021 11:41
Operator : JC/MD
Sample : VX1204MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 06 01:00:32 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





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.550 min Scan#

Delta R.T. -0.006 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

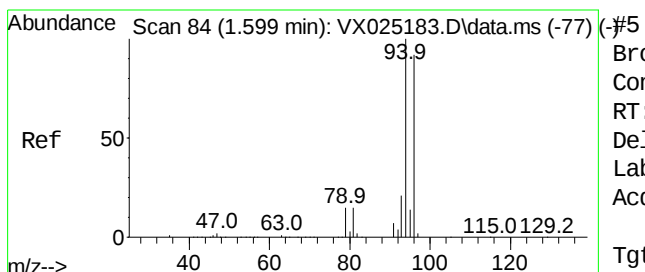
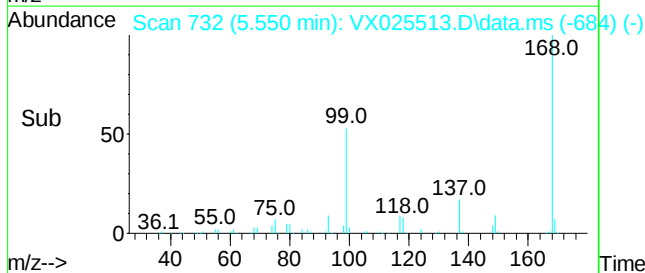
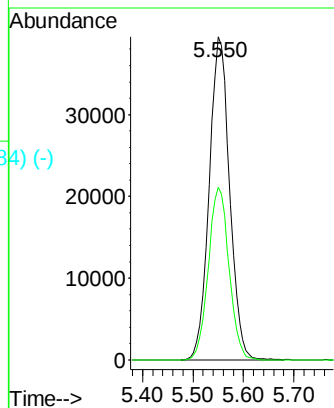
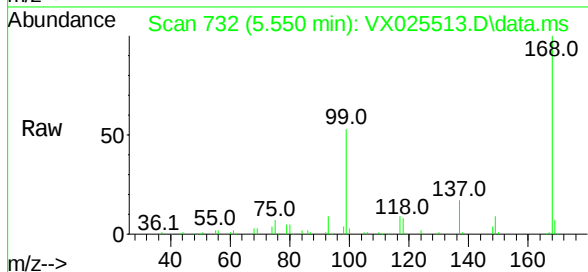
ClientSampleId :

Tgt Ion:168 Resp: 110924

Ion Ratio Lower Upper

168 100

99 53.4 46.4 69.6



Bromomethane

Concen: 0.55 ug/l

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX025513.D

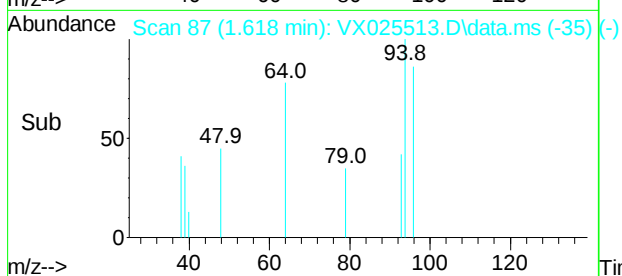
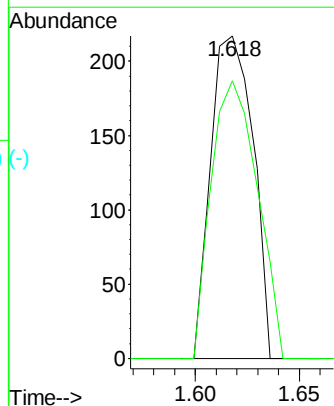
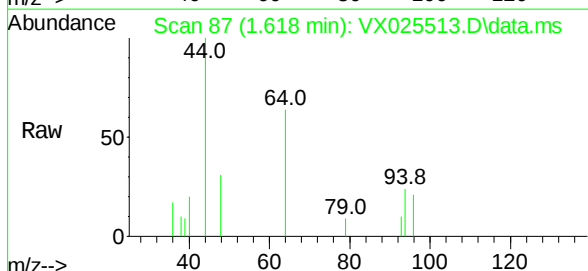
Acq: 04 Dec 2021 11:41

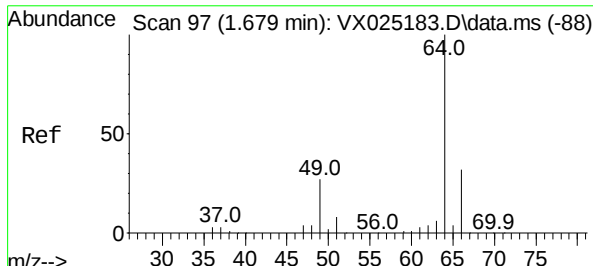
Tgt Ion: 94 Resp: 308

Ion Ratio Lower Upper

94 100

96 86.2 74.8 112.2





Chloroethane

Concen: 0.21 ug/l

RT: 1.685 min Scan#

Delta R.T. 0.006 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

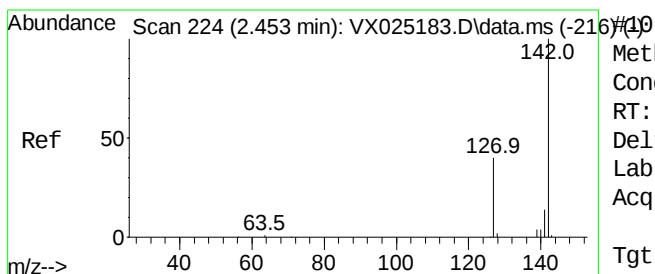
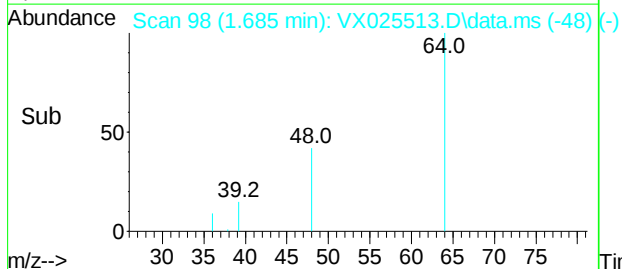
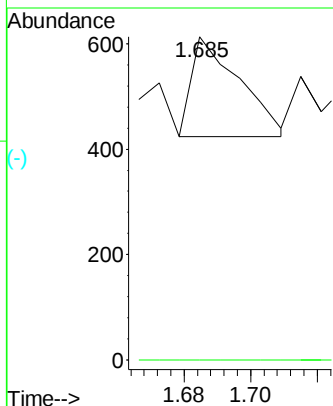
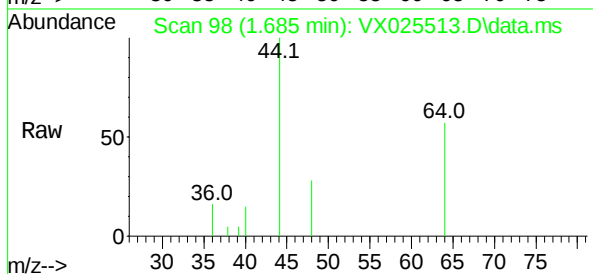
ClientSampleId :

Tgt Ion: 64 Resp: 189

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Methyl Iodide

Concen: 0.33 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

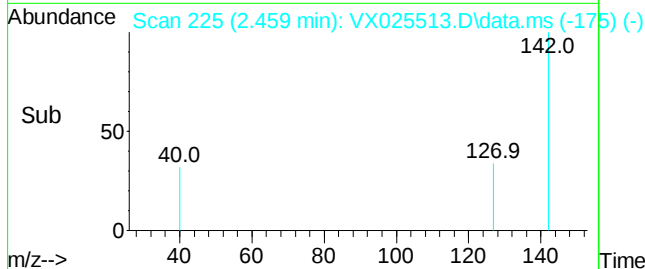
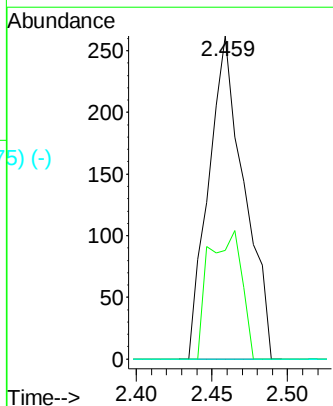
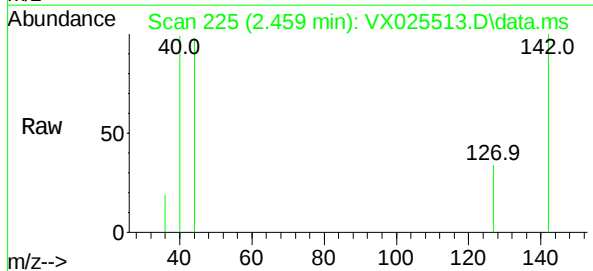
Tgt Ion:142 Resp: 428

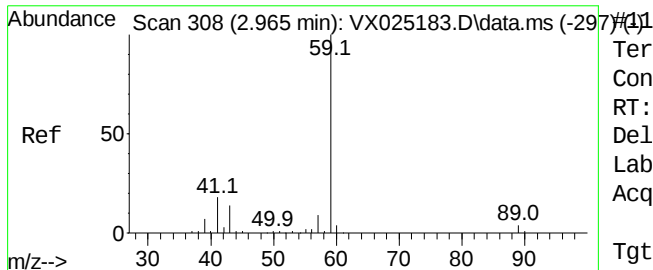
Ion Ratio Lower Upper

142 100

127 36.4 38.9 58.3#

141 0.0 11.7 17.5#

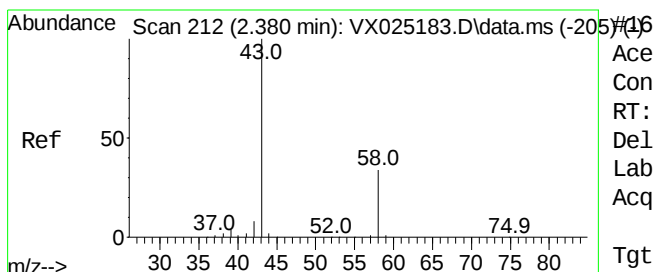
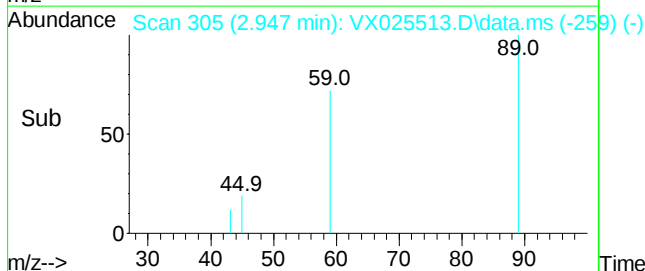
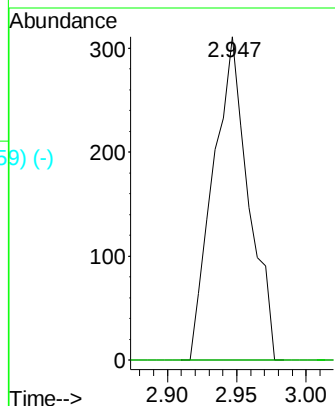
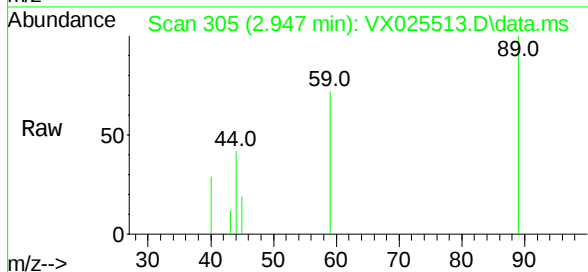




Tert butyl alcohol
 Concen: Below Cal
 RT: 2.947 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

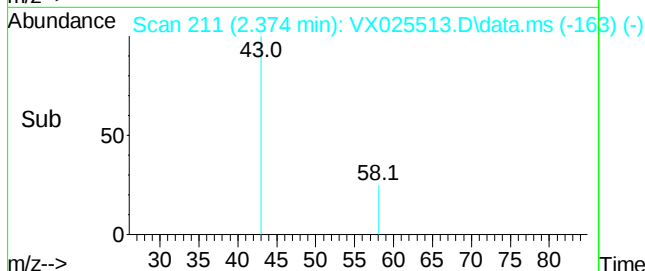
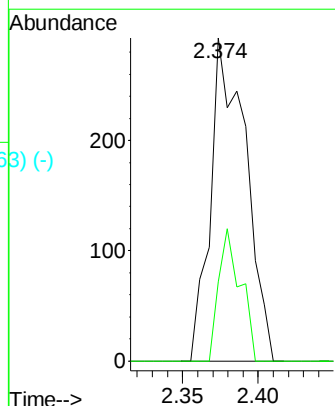
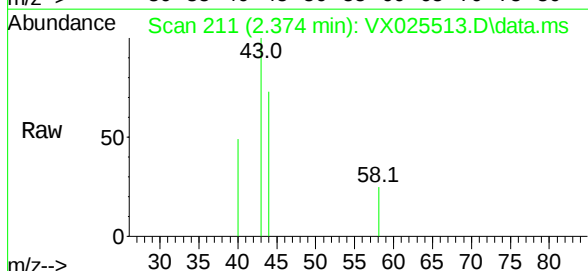
Instrument : MSVOA_X
 ClientSampleId :

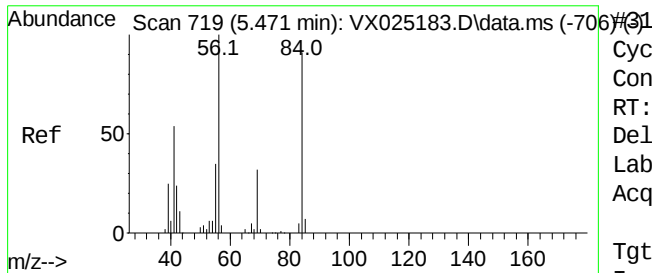
Tgt Ion: 59 Resp: 552
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



Acetone
 Concen: 0.73 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

Tgt Ion: 43 Resp: 476
 Ion Ratio Lower Upper
 43 100
 58 24.6 24.0 36.0





Cyclohexane

Concen: 1.14 ug/l

RT: 5.550 min Scan#

Delta R.T. 0.079 min

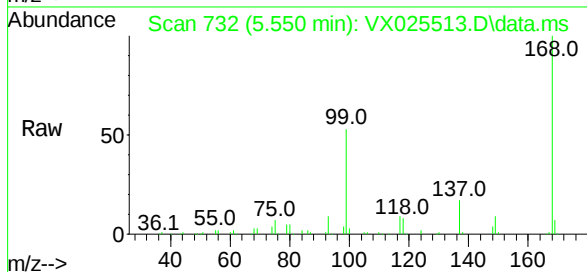
Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

ClientSampleId :



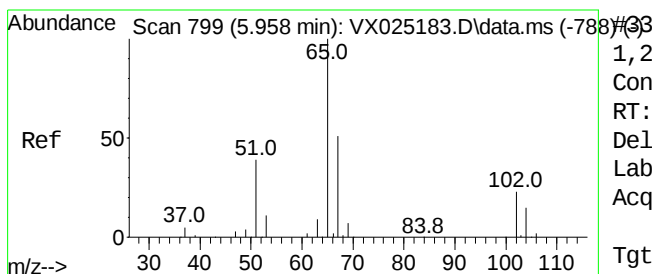
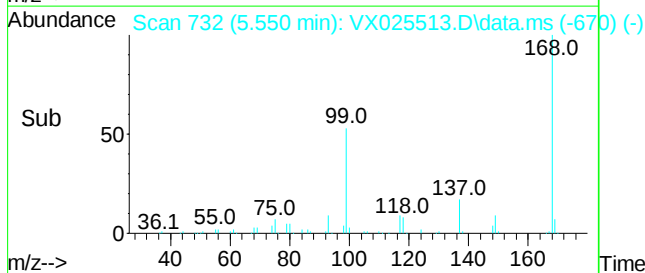
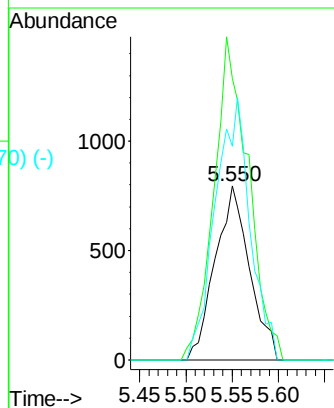
Tgt Ion: 56 Resp: 2053

Ion Ratio Lower Upper

56 100

69 161.6 24.2 36.2#

84 122.5 71.5 107.3#



1,2-Dichloroethane-d4

Concen: 54.77 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025513.D

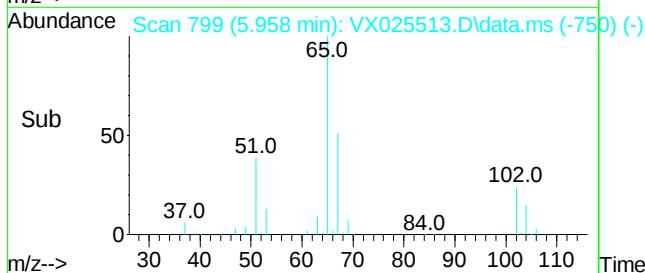
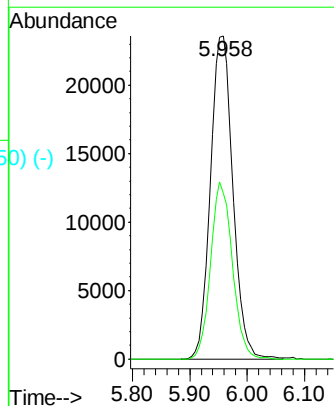
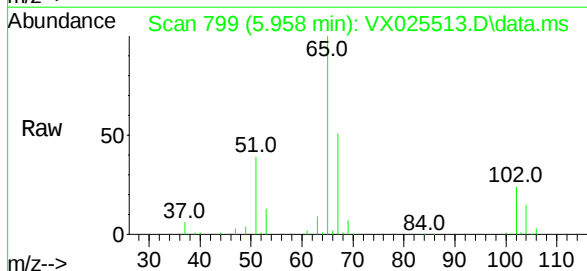
Acq: 04 Dec 2021 11:41

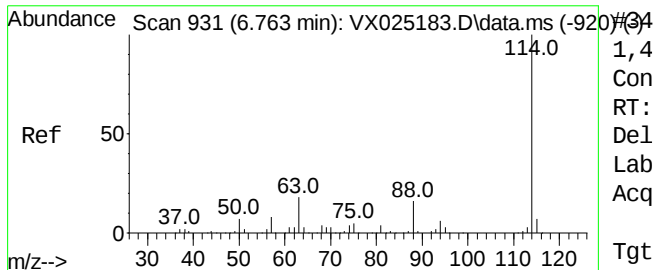
Tgt Ion: 65 Resp: 64036

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.0





1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min MSVOA_X

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

ClientSampleId :

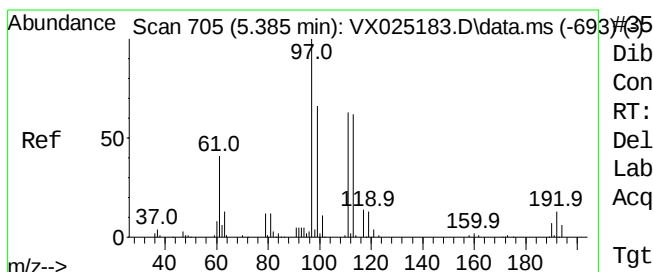
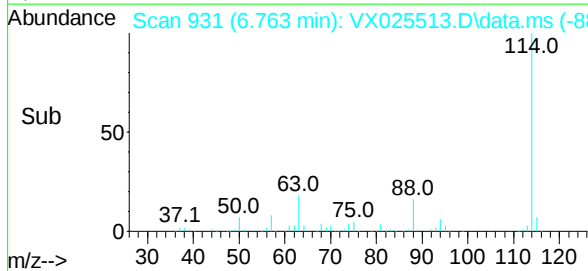
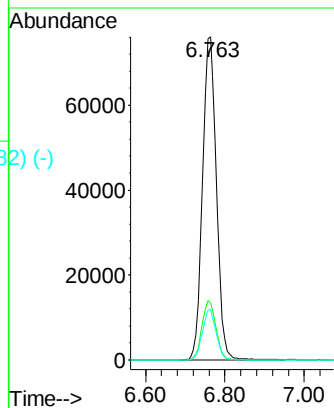
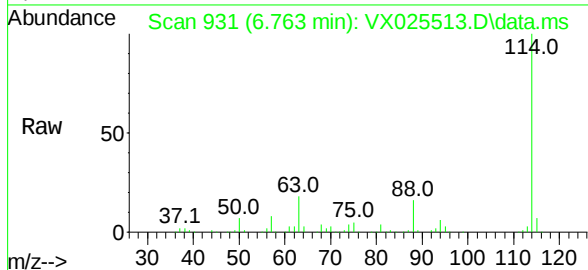
Tgt Ion:114 Resp: 184622

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.0

88 15.6 0.0 34.8



Dibromofluoromethane

Concen: 50.28 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

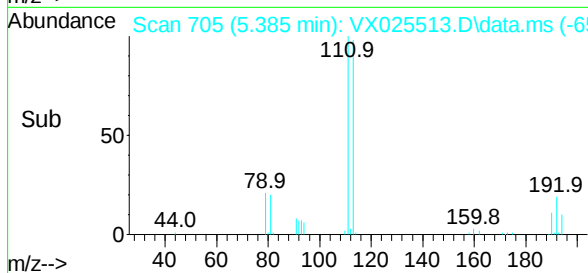
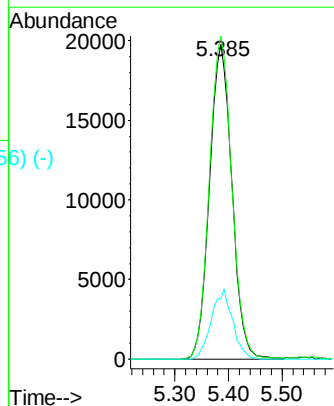
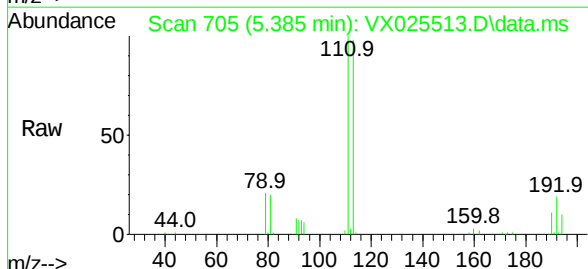
Tgt Ion:113 Resp: 56959

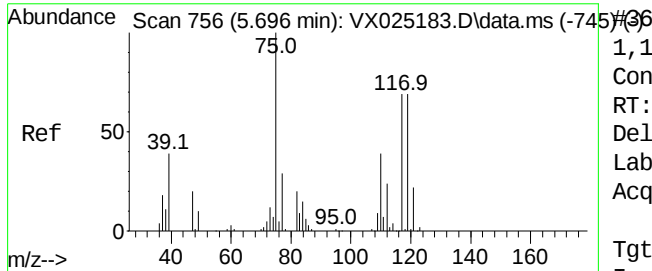
Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 21.1 15.6 23.4

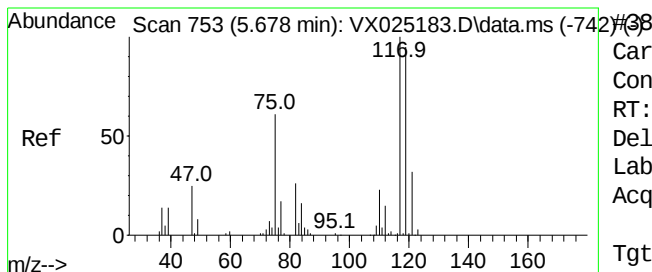
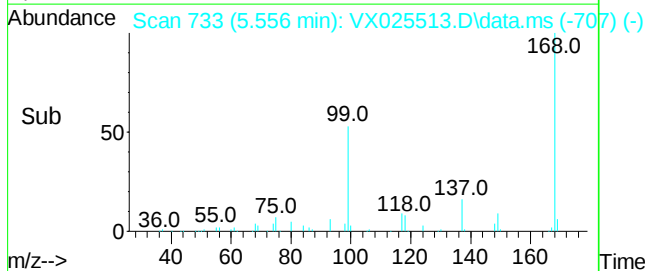
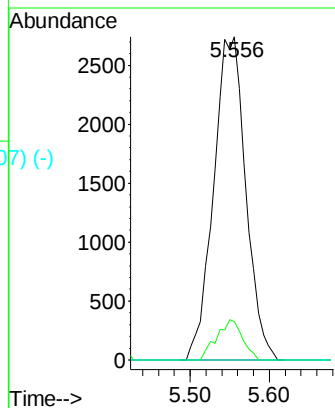
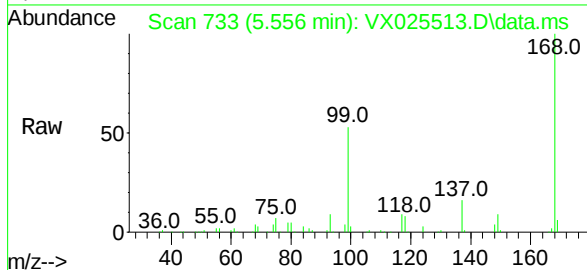




1,1-Dichloropropene
 Concen: 4.80 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

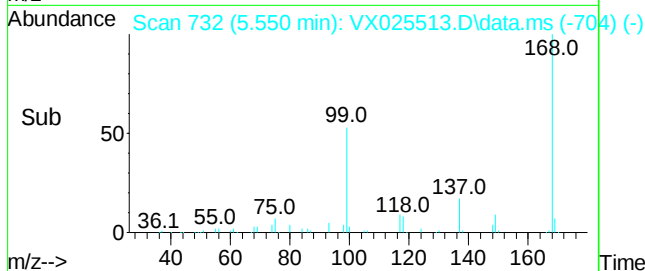
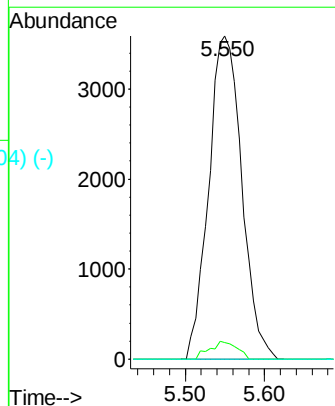
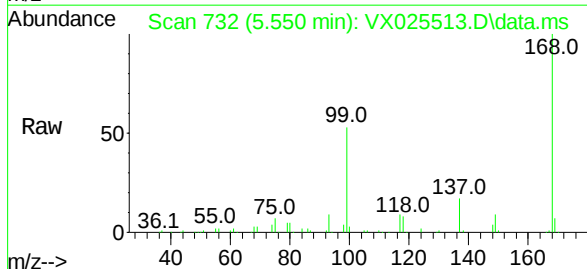
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:	75	Resp:	7739
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.3#
77	0.0	24.4	36.6#

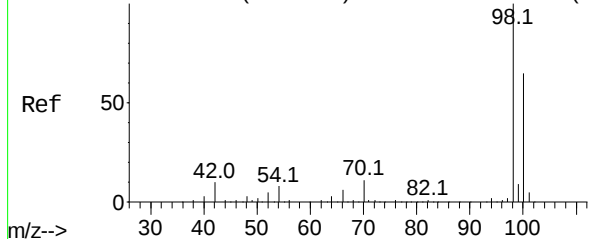


Carbon Tetrachloride
 Concen: 5.87 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

Tgt Ion:	117	Resp:	10412
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.6	113.4#
121	0.0	23.7	35.5#



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



Toluene-d8

Concen: 49.53 ug/l

RT: 8.647 min Scan#

Delta R.T. -0.006 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

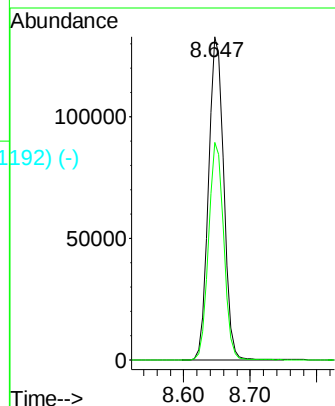
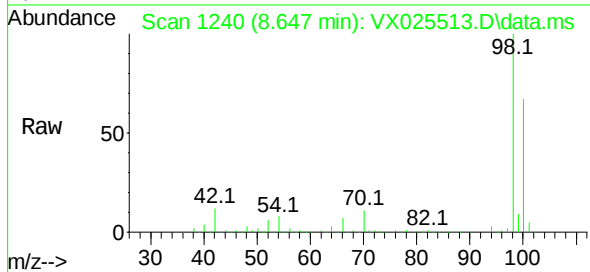
ClientSampleId :

Tgt Ion: 98 Resp: 210952

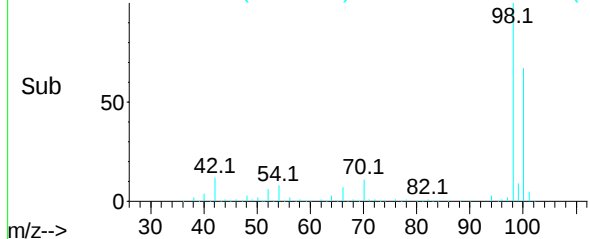
Ion Ratio Lower Upper

98 100

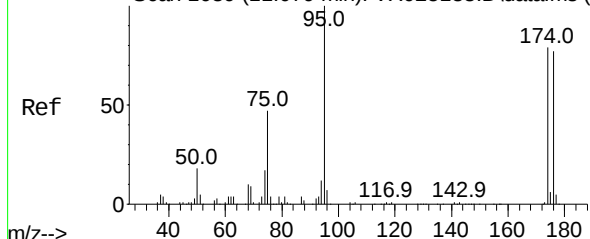
100 66.7 51.4 77.0



Abundance Scan 1240 (8.647 min): VX025513.D\data.ms (-1192) (-)



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



4-Bromofluorobenzene

Concen: 45.25 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

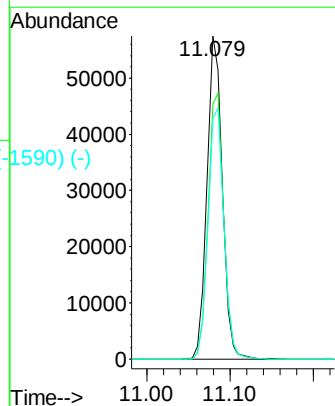
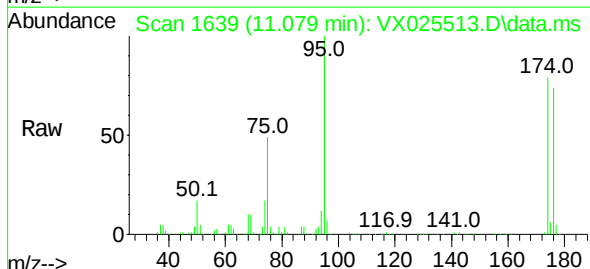
Tgt Ion: 95 Resp: 72908

Ion Ratio Lower Upper

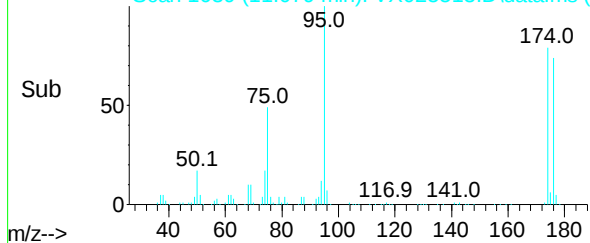
95 100

174 84.3 0.0 158.0

176 80.3 0.0 153.6



Abundance Scan 1639 (11.079 min): VX025513.D\data.ms (-1590) (-)



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

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.055 min Scan# 1468

Delta R.T. 0.000 min

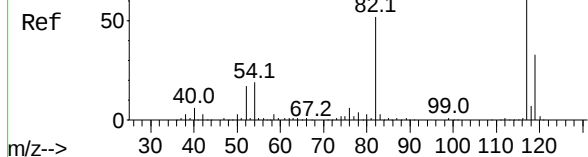
Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

ClientSampleId :



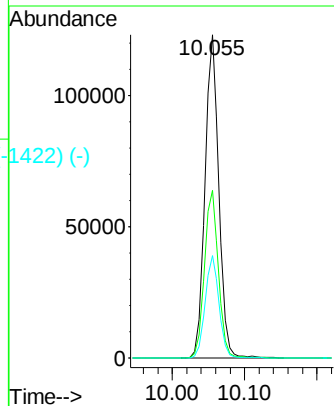
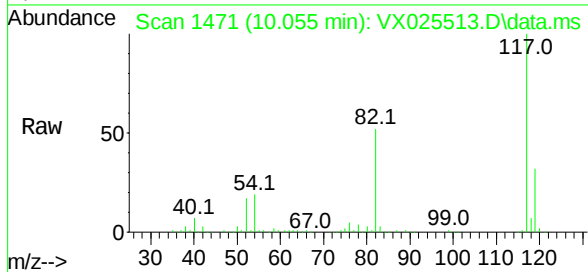
Tgt Ion:117 Resp: 165087

Ion Ratio Lower Upper

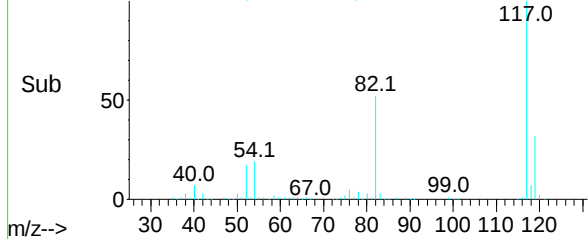
117 100

82 51.9 44.6 67.0

119 31.6 24.8 37.2



Abundance Scan 1471 (10.055 min): VX025513.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: VX025513.D

Acq: 04 Dec 2021 11:41

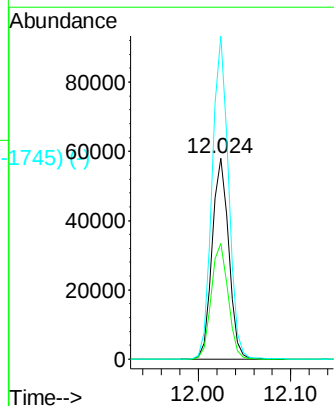
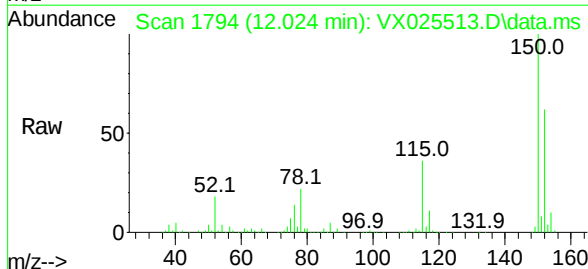
Tgt Ion:152 Resp: 71700

Ion Ratio Lower Upper

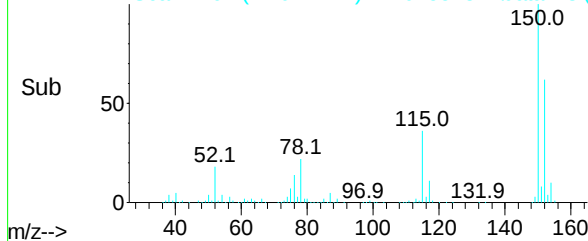
152 100

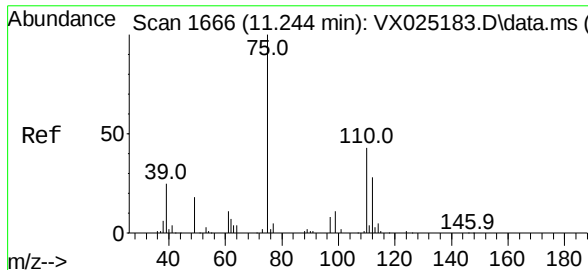
115 58.2 43.3 129.8

150 158.9 0.0 351.2



Abundance Scan 1794 (12.024 min): VX025513.D\data.ms (-1745) (-)

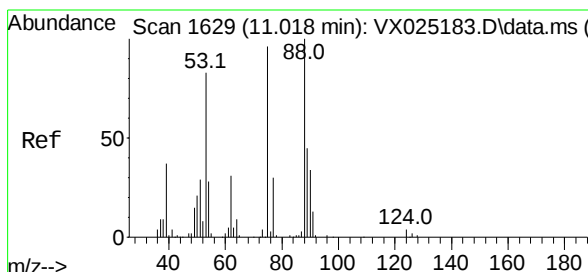
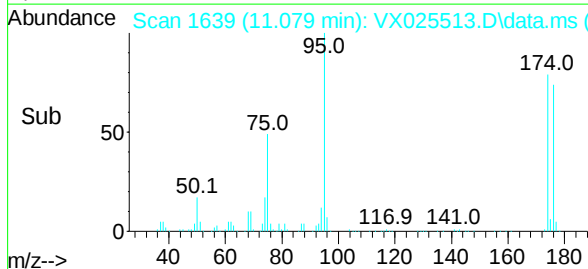
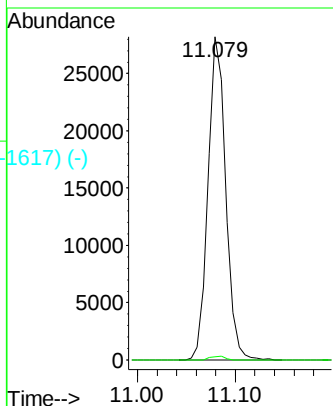
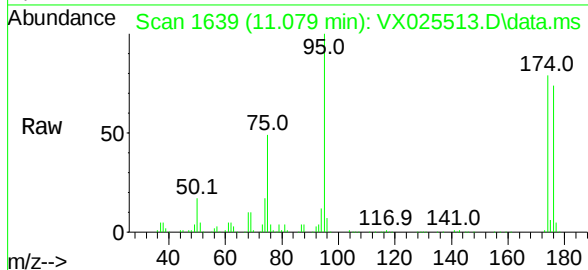




Scan 1666 (11.244 min): VX025183.D\data.ms (-1675) (-)
 1,2,3-Trichloropropane
 Concen: 24.05 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

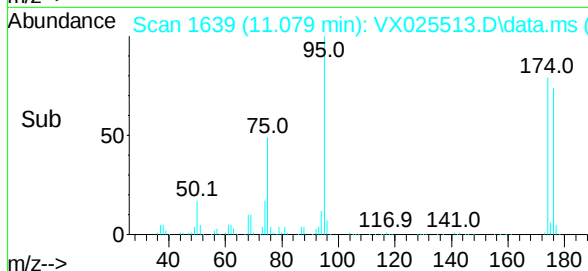
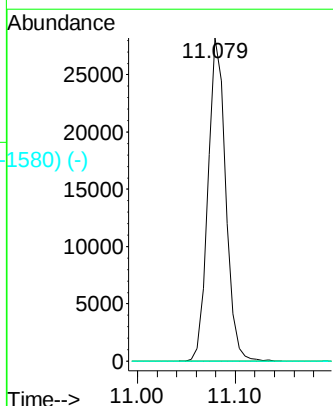
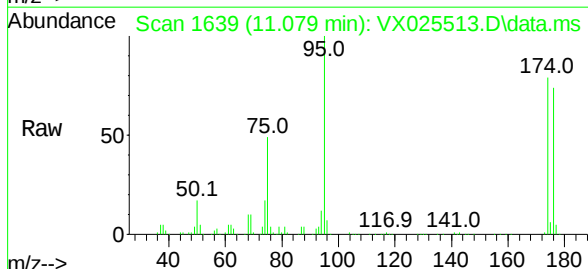
Instrument : MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 35313
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#



Scan 1629 (11.018 min): VX025183.D\data.ms (-1624) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 60.59 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX025513.D
 Acq: 04 Dec 2021 11:41

Tgt Ion: 75 Resp: 35313
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#



Abundance Scan 2073 (13.725 min): VX025183.D\data.ms (-2073) (-)

Hexachlorobutadiene

Concen: 0.22 ug/l

RT: 13.731 min Scan# 2073

Delta R.T. 0.006 min

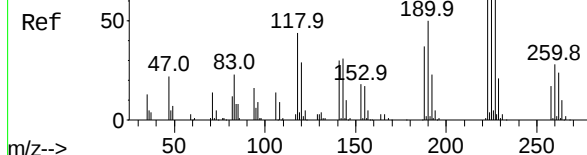
Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

Instrument :

MSVOA_X

ClientSampleId :



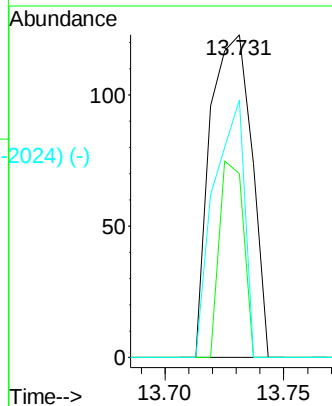
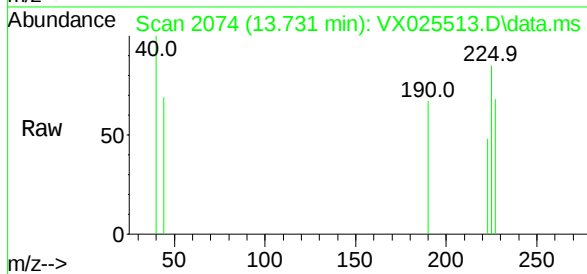
Tgt Ion:225 Resp: 150

Ion Ratio Lower Upper

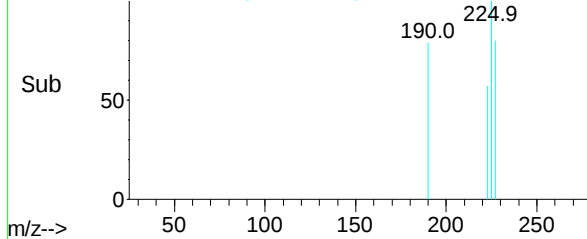
225 100

223 35.3 30.9 92.7

227 58.7 31.1 93.5



Abundance Scan 2074 (13.731 min): VX025513.D\data.ms (-2074) (-)



Abundance Scan 2082 (13.780 min): VX025183.D\data.ms (-2082) (-)

Naphthalene

Concen: Below Cal

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025513.D

Acq: 04 Dec 2021 11:41

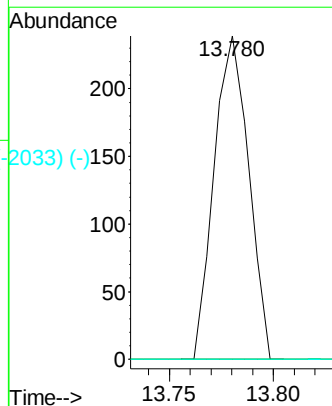
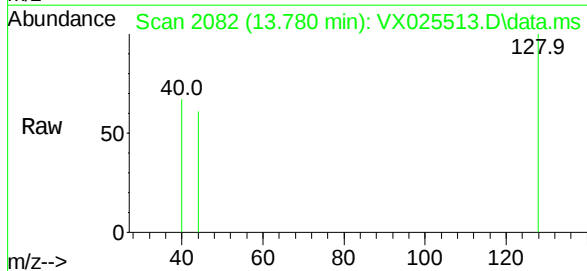
Tgt Ion:128 Resp: 277

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#



Abundance Scan 2082 (13.780 min): VX025513.D\data.ms (-2082) (-)

