

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025528.D
 Acq On : 04 Dec 2021 17:41
 Operator : JC/MD
 Sample : M4923-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20211201

Quant Time: Dec 06 01:05:57 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)

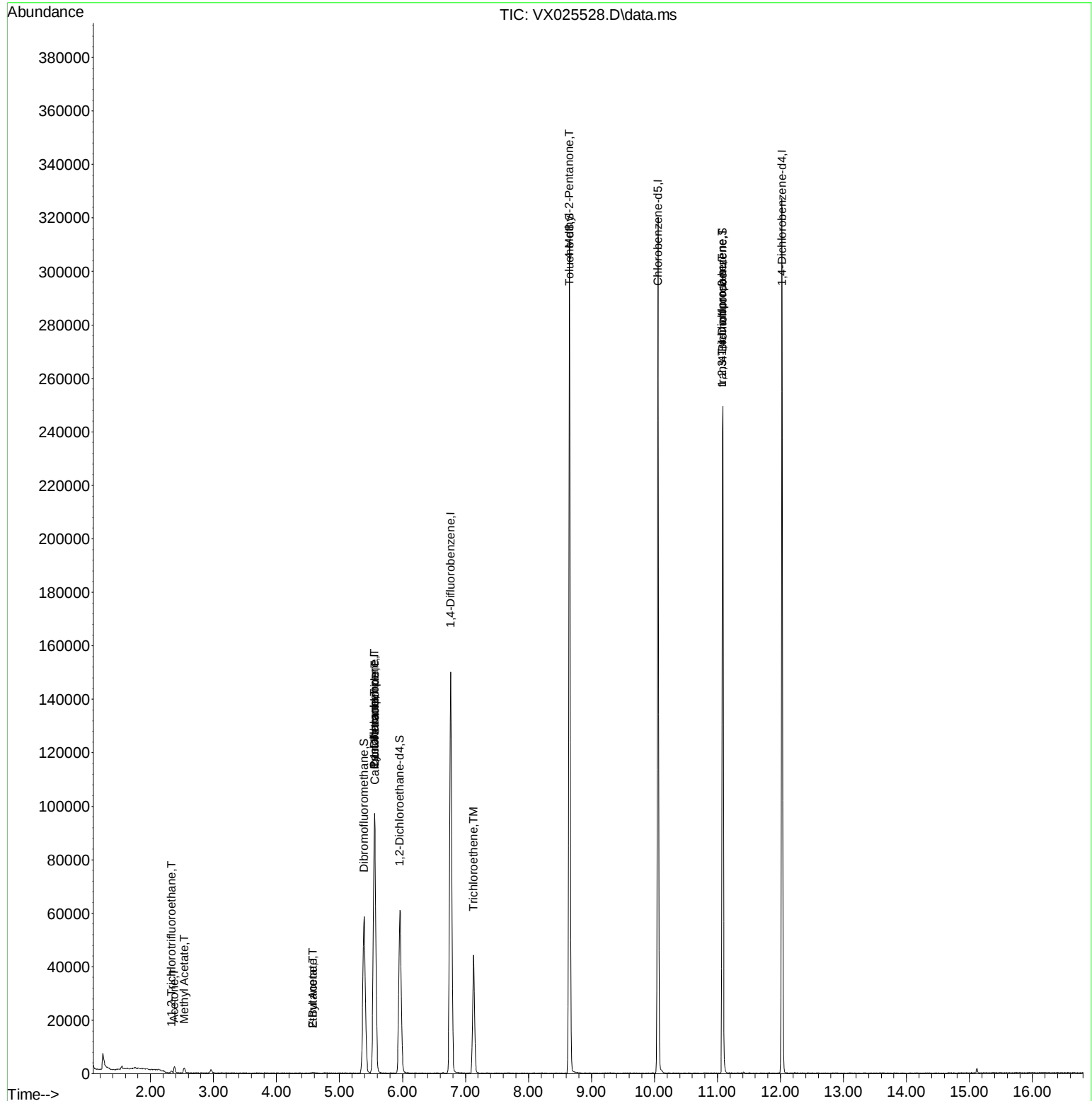
Internal Standards						
1) Pentafluorobenzene	5.556	168	95679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57560	57.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.14%			
35) Dibromofluoromethane	5.391	113	50552	50.64	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.28%			
50) Toluene-d8	8.653	98	188784	50.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.085	95	67883	47.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.60%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	297	0.33	ug/l #	78
11) Tert butyl alcohol	2.959	59	1635	Below Cal	#	90
16) Acetone	2.380	43	2455	4.38	ug/l	93
18) Methyl Acetate	2.538	43	676	0.38	ug/l #	52
25) 2-Butanone	4.574	43	425	0.52	ug/l #	48
31) Cyclohexane	5.556	56	1949	1.25	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	6806	4.79	ug/l #	49
37) Ethyl Acetate	4.574	43	425	0.26	ug/l #	68
38) Carbon Tetrachloride	5.562	117	9451	6.04	ug/l #	15
44) Trichloroethene	7.129	130	17756	14.21	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	862	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32845	23.39	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32845	58.93	ug/l #	9

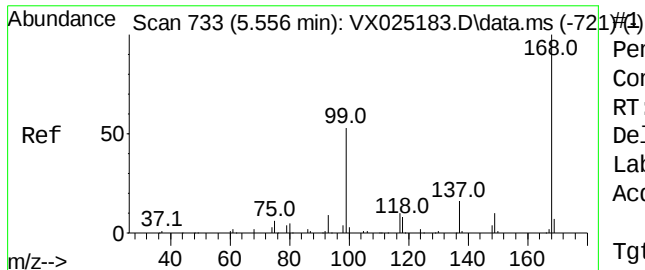
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan#

Delta R.T. -0.000 min

Lab File: VX025528.D

Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

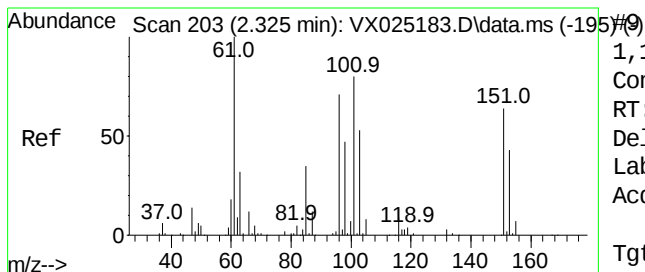
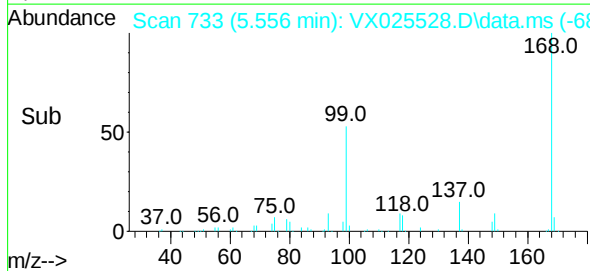
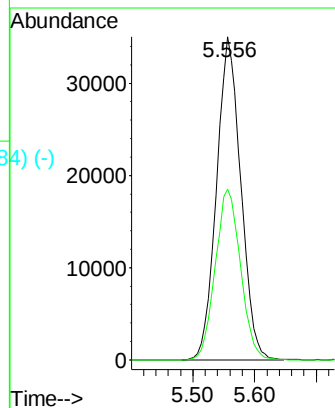
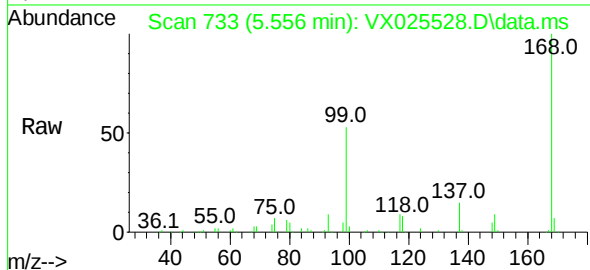
RE120D3-20211201

Tgt Ion:168 Resp: 95679

Ion Ratio Lower Upper

168 100

99 52.9 46.4 69.6



1,1,2-Trichlorotrifluoroethane

Concen: 0.33 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX025528.D

Acq: 04 Dec 2021 17:41

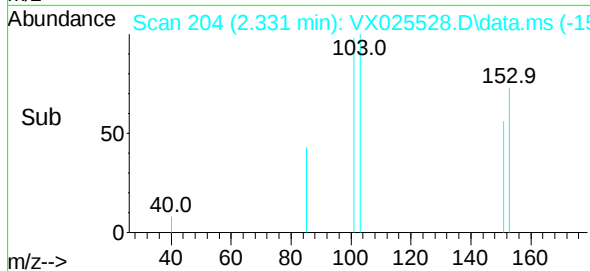
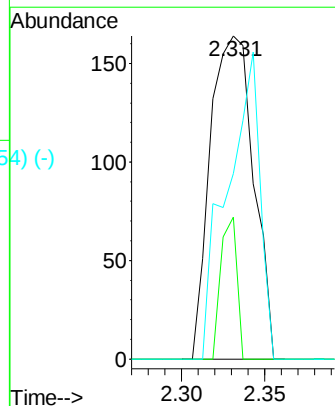
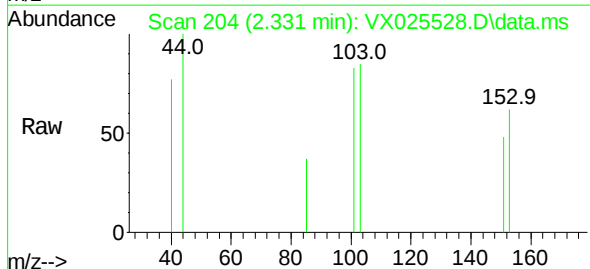
Tgt Ion:101 Resp: 297

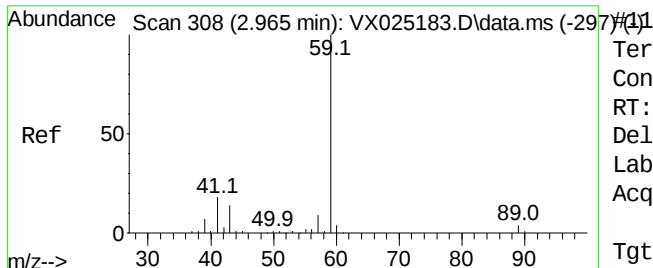
Ion Ratio Lower Upper

101 100

85 16.5 35.9 53.9#

151 72.1 64.4 96.6

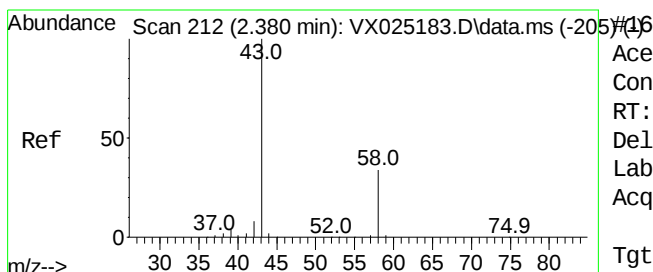
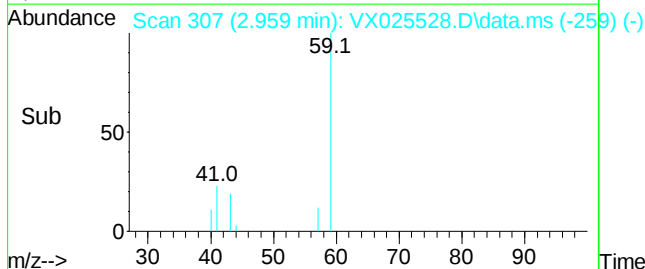
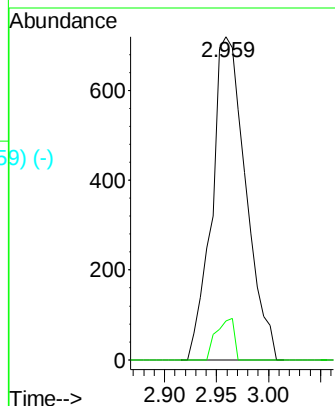
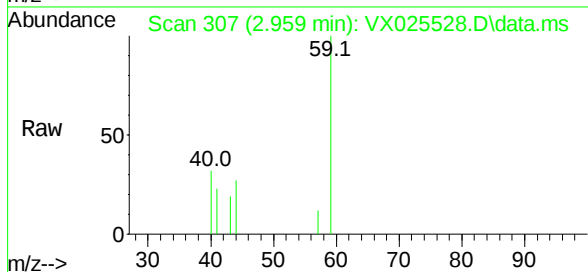




Tert butyl alcohol
 Concen: Below Cal
 RT: 2.959 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX025528.D
 Acq: 04 Dec 2021 17:41

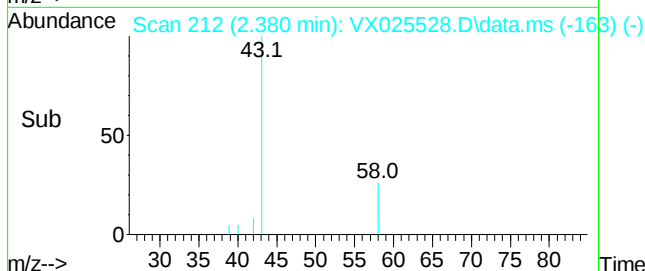
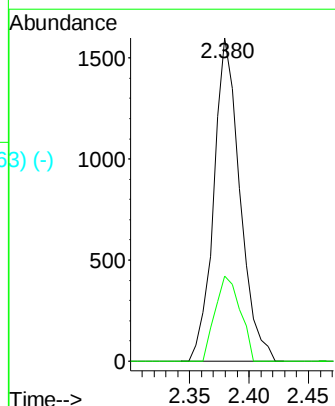
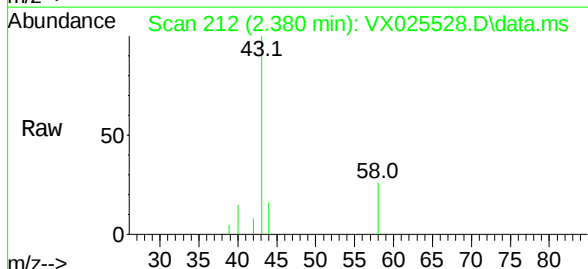
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20211201

Tgt Ion: 59 Resp: 1635
 Ion Ratio Lower Upper
 59 100
 57 6.7 8.5 12.7#

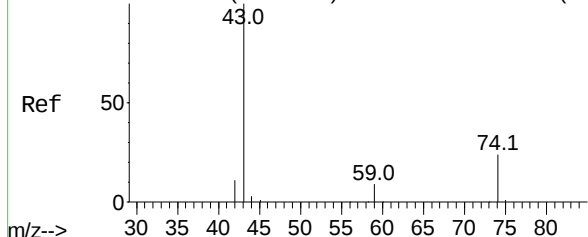


Acetone
 Concen: 4.38 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX025528.D
 Acq: 04 Dec 2021 17:41

Tgt Ion: 43 Resp: 2455
 Ion Ratio Lower Upper
 43 100
 58 26.3 24.0 36.0



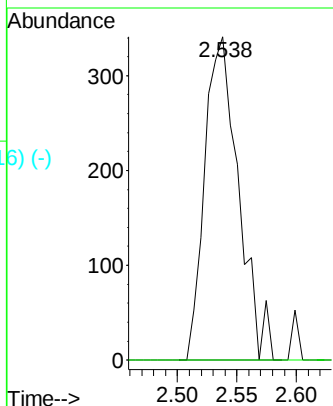
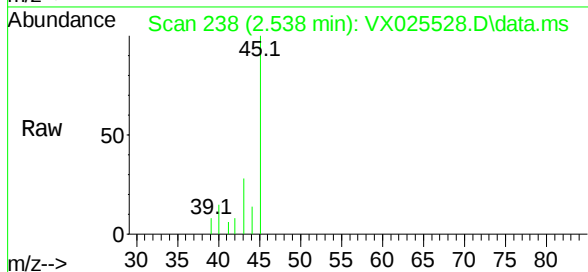
Abundance Scan 265 (2.703 min): VX025183.D\data.ms (-255) #18



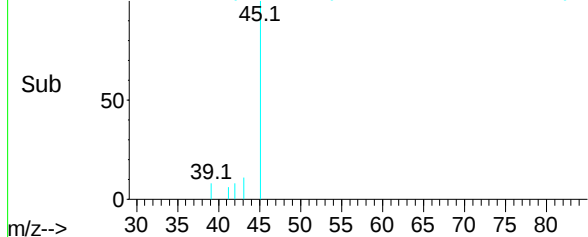
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.538 min Scan# 218
Delta R.T. -0.165 min
Lab File: VX025528.D
Acq: 04 Dec 2021 17:41

Instrument : MSVOA_X
ClientSampleId : RE120D3-20211201

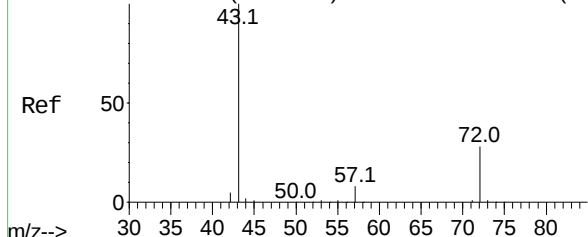
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



Abundance Scan 238 (2.538 min): VX025528.D\data.ms (-216) (-)

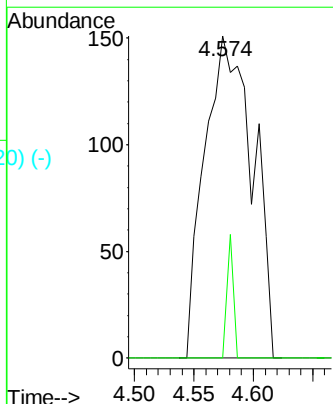
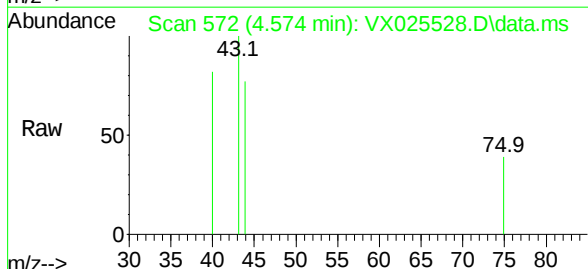


Abundance Scan 569 (4.556 min): VX025183.D\data.ms (-557) #25

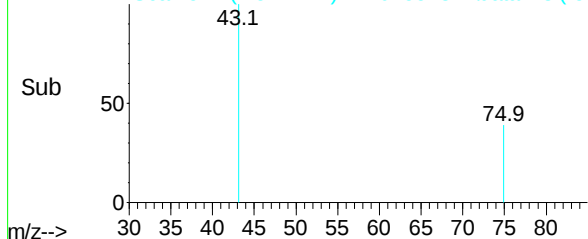


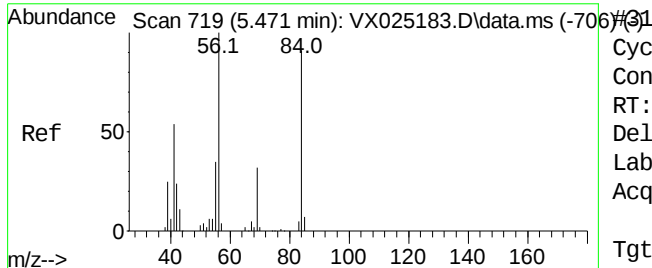
2-Butanone
Concen: 0.52 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX025528.D
Acq: 04 Dec 2021 17:41

Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



Abundance Scan 572 (4.574 min): VX025528.D\data.ms (-520) (-)





Cyclohexane

Concen: 1.25 ug/l

RT: 5.556 min Scan#

Delta R.T. 0.085 min

Lab File: VX025528.D

Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20211201

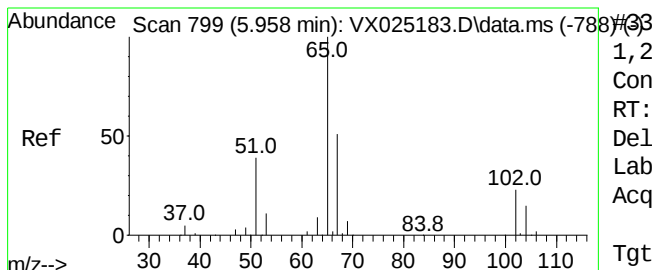
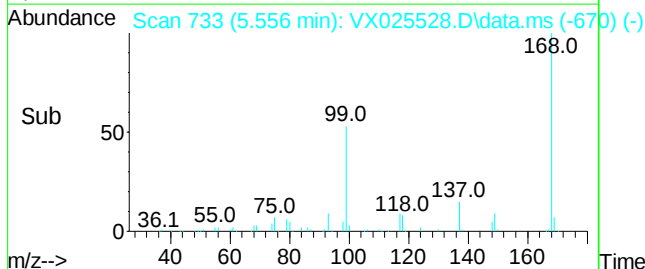
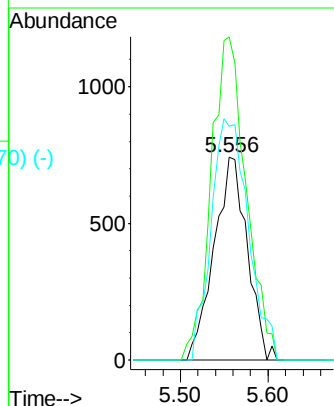
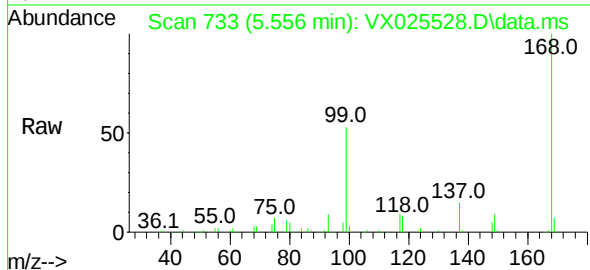
Tgt Ion: 56 Resp: 1949

Ion Ratio Lower Upper

56 100

69 159.2 24.2 36.2#

84 114.9 71.5 107.3#



1,2-Dichloroethane-d4

Concen: 57.07 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025528.D

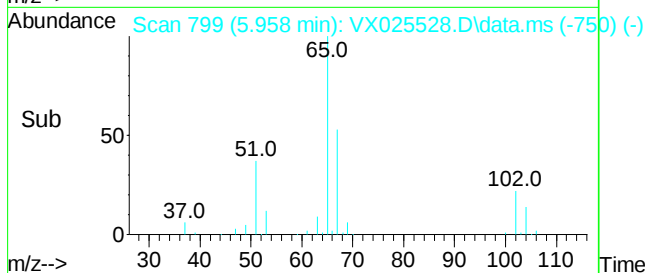
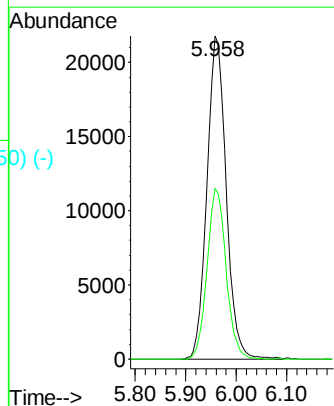
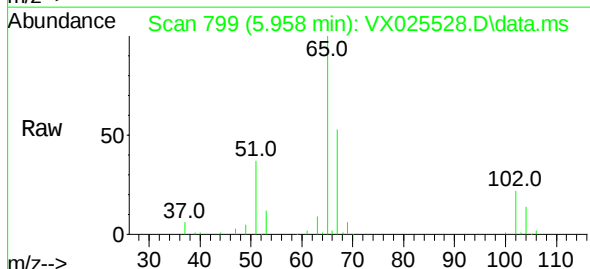
Acq: 04 Dec 2021 17:41

Tgt Ion: 65 Resp: 57560

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.0



Abundance Scan 931 (6.763 min): VX025183.D\data.ms (-920) #34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025528.D

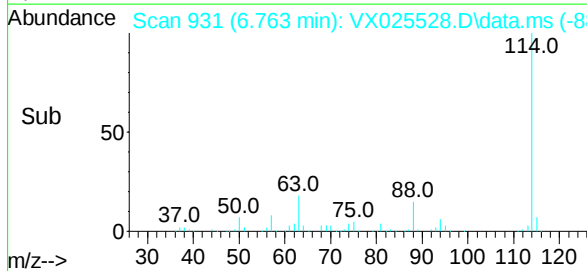
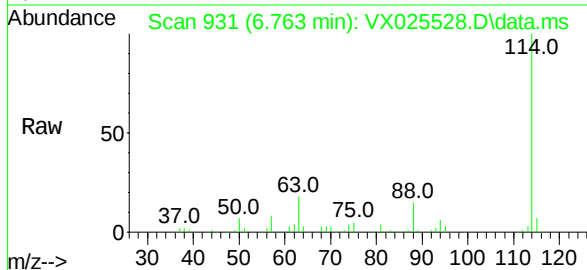
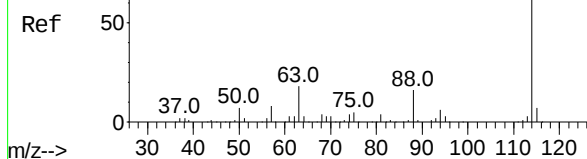
Acq: 04 Dec 2021 17:41

Instrument :

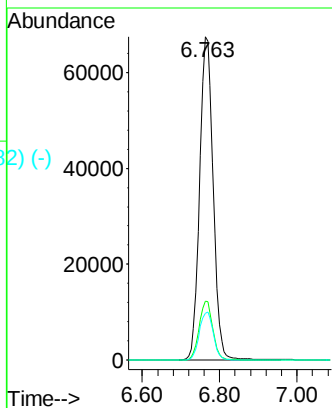
MSVOA_X

ClientSampleId :

RE120D3-20211201



Tgt Ion:	114	Resp:	162712
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	41.0
88	14.5	0.0	34.8



Abundance Scan 705 (5.385 min): VX025183.D\data.ms (-693) #35

Dibromofluoromethane

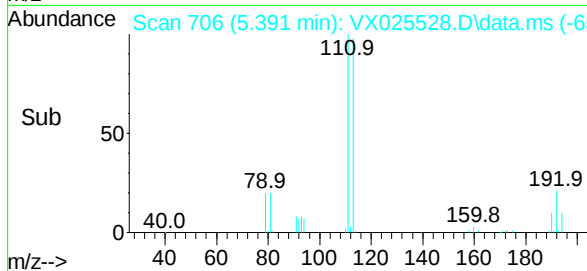
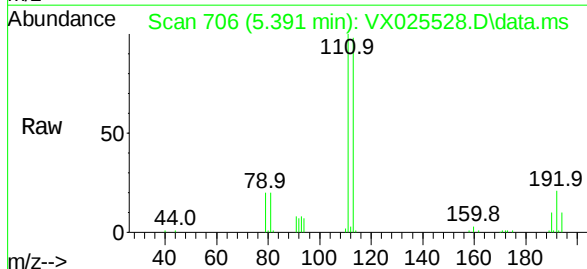
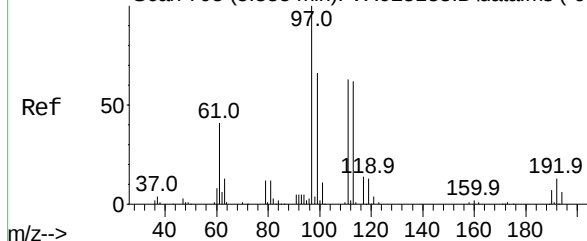
Concen: 50.64 ug/l

RT: 5.391 min Scan# 706

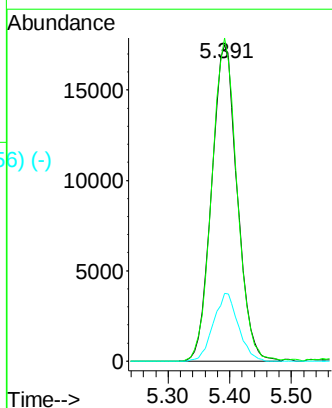
Delta R.T. 0.006 min

Lab File: VX025528.D

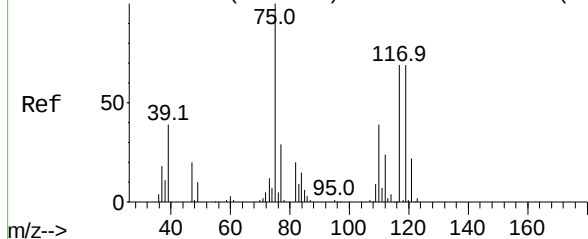
Acq: 04 Dec 2021 17:41



Tgt Ion:	113	Resp:	50552
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.1	123.1
192	20.7	15.6	23.4



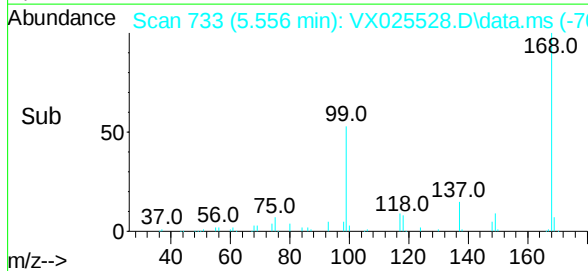
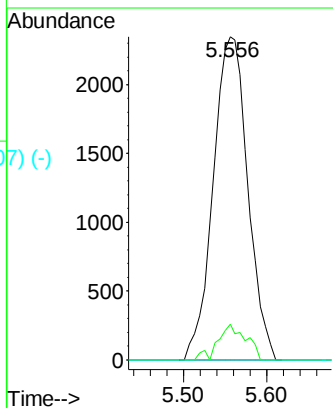
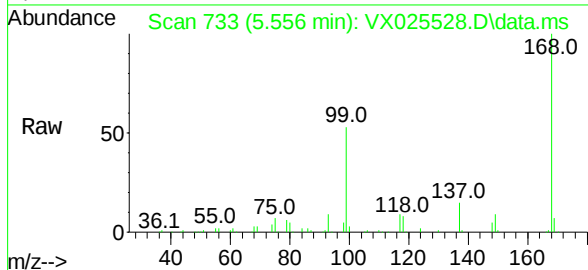
Abundance Scan 756 (5.696 min): VX025183.D\data.ms (-745) #36



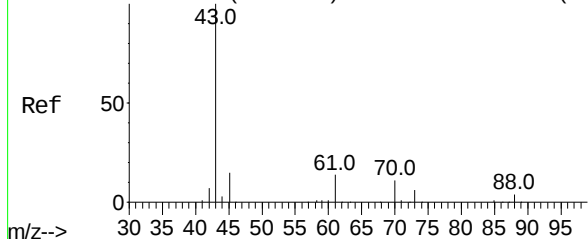
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.556 min Scan# 75
Delta R.T. -0.140 min
Lab File: VX025528.D
Acq: 04 Dec 2021 17:41

Instrument :
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Tgt Ion:	75	Resp:	6806
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.4	36.6#

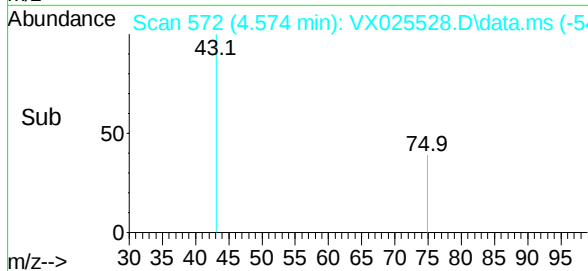
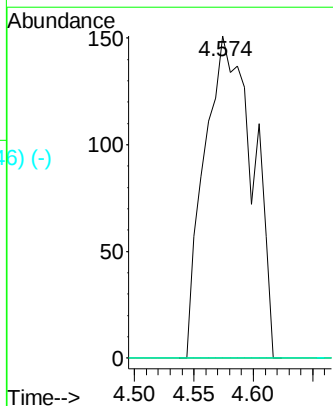
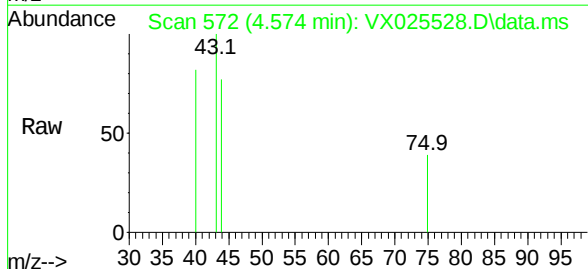


Abundance Scan 595 (4.715 min): VX025183.D\data.ms (-585) #37



Ethyl Acetate
Concen: 0.26 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.141 min
Lab File: VX025528.D
Acq: 04 Dec 2021 17:41

Tgt Ion:	43	Resp:	425
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	8.6	12.8#



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

Carbon Tetrachloride

Concen: 6.04 ug/l

RT: 5.562 min Scan#

Delta R.T. -0.116 min

Lab File: VX025528.D

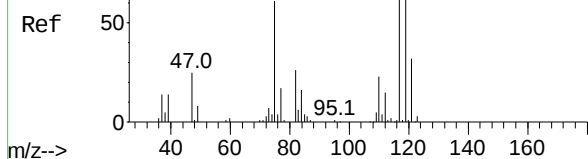
Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20211201



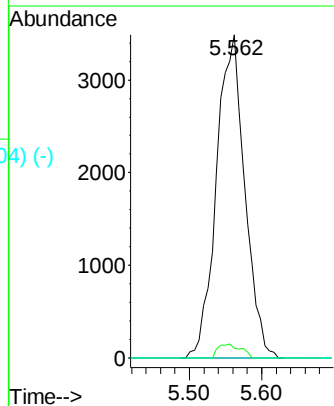
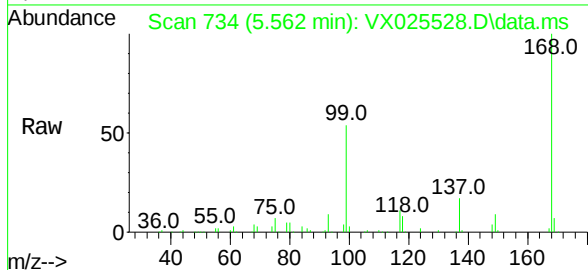
Tgt Ion:117 Resp: 9451

Ion Ratio Lower Upper

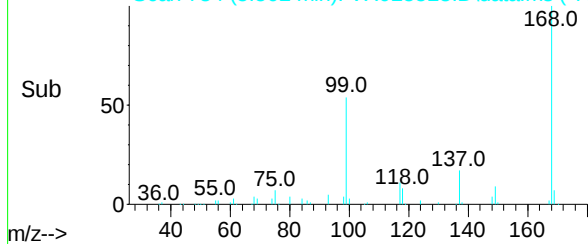
117 100

119 2.9 75.6 113.4#

121 0.0 23.7 35.5#



Abundance Scan 734 (5.562 min): VX025528.D\data.ms (-704) (-)



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

Trichloroethene

Concen: 14.21 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025528.D

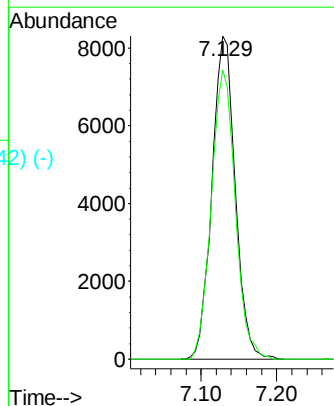
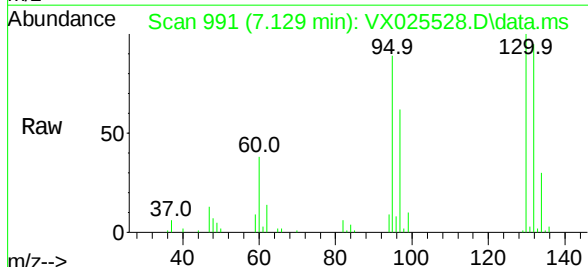
Acq: 04 Dec 2021 17:41

Tgt Ion:130 Resp: 17756

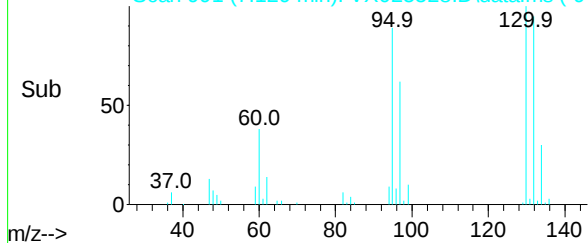
Ion Ratio Lower Upper

130 100

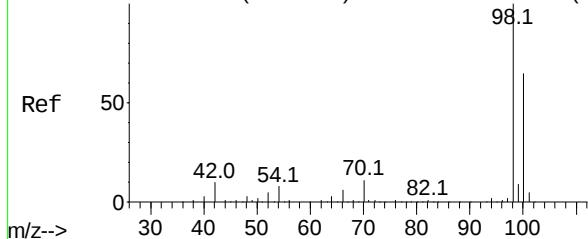
95 89.5 0.0 196.8



Abundance Scan 991 (7.129 min): VX025528.D\data.ms (-942) (-)



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



Toluene-d8

Concen: 50.29 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025528.D

Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

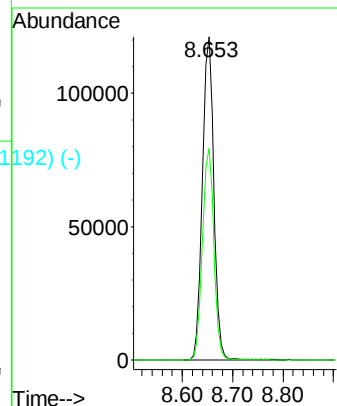
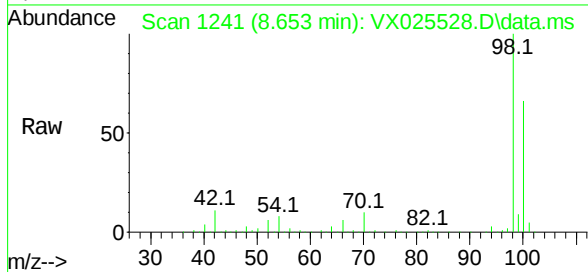
RE120D3-20211201

Tgt Ion: 98 Resp: 188784

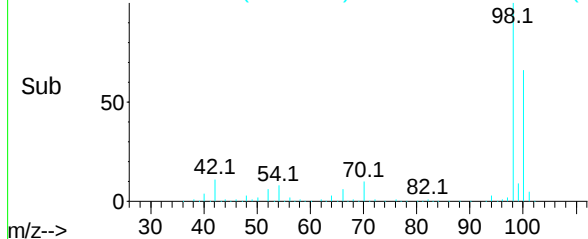
Ion Ratio Lower Upper

98 100

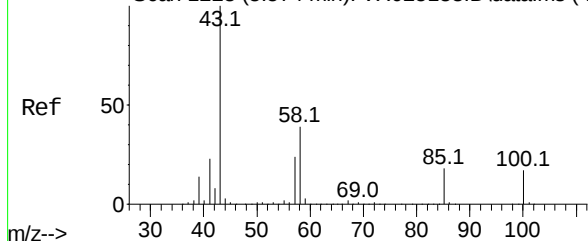
100 65.8 51.4 77.0



Abundance Scan 1241 (8.653 min): VX025528.D\data.ms (-1192-)



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



4-Methyl-2-Pentanone

Concen: 0.51 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025528.D

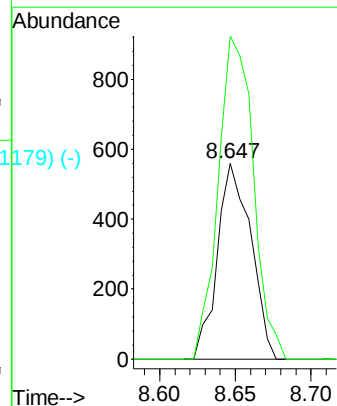
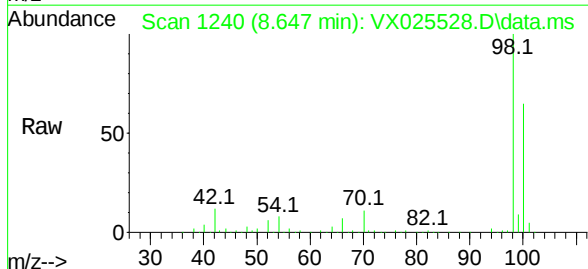
Acq: 04 Dec 2021 17:41

Tgt Ion: 43 Resp: 862

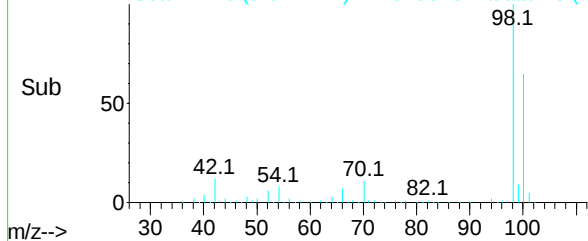
Ion Ratio Lower Upper

43 100

58 173.2 30.9 46.3#



Abundance Scan 1240 (8.647 min): VX025528.D\data.ms (-1179-)



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

4-Bromofluorobenzene

Concen: 47.80 ug/l

RT: 11.085 min Scan# 1639

Delta R.T. 0.006 min

Lab File: VX025528.D

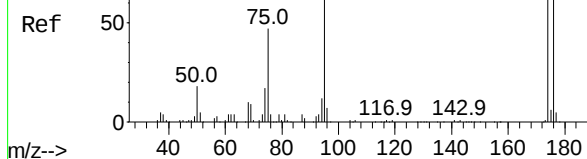
Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20211201



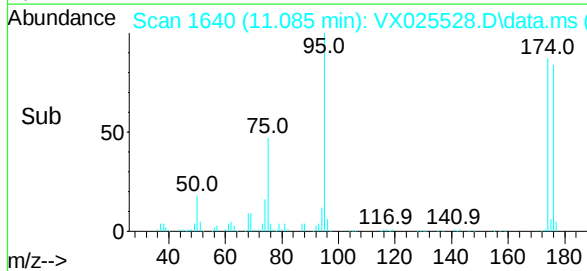
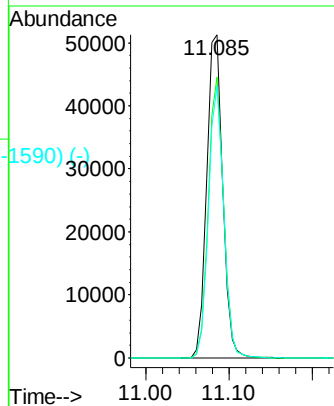
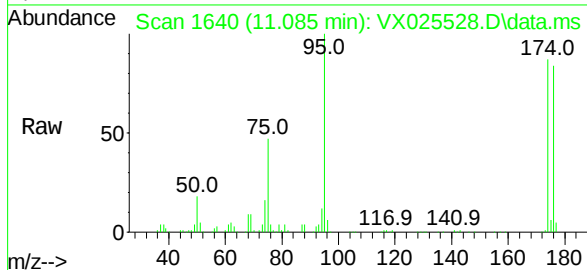
Tgt Ion: 95 Resp: 67883

Ion Ratio Lower Upper

95 100

174 83.3 0.0 158.0

176 80.2 0.0 153.6



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

Chlorobenzene-d5

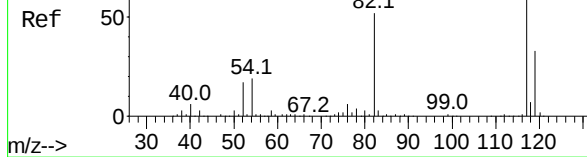
Concen: 50.00 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025528.D

Acq: 04 Dec 2021 17:41



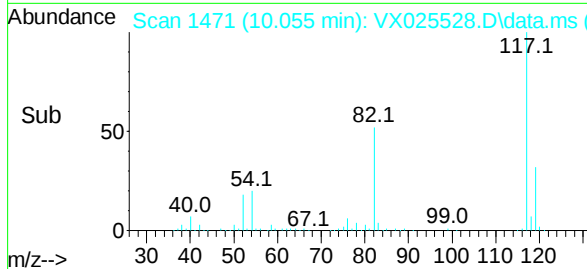
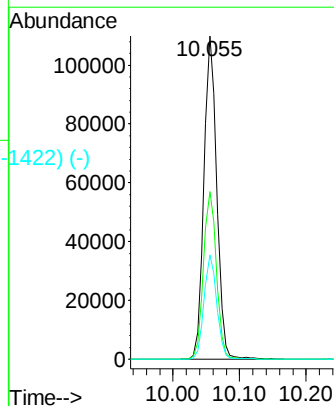
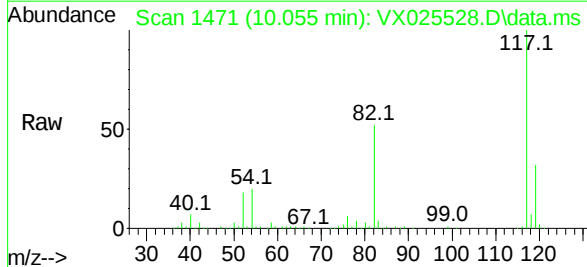
Tgt Ion: 117 Resp: 147205

Ion Ratio Lower Upper

117 100

82 51.9 44.6 67.0

119 32.3 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: VX025528.D

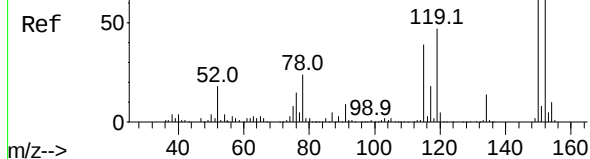
Acq: 04 Dec 2021 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20211201



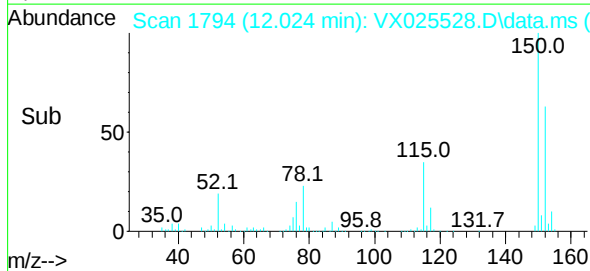
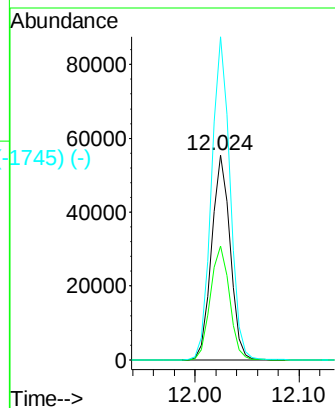
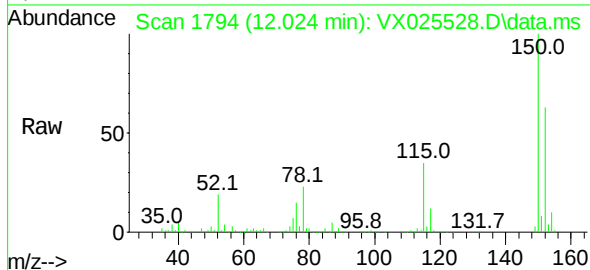
Tgt Ion:152 Resp: 68561

Ion Ratio Lower Upper

152 100

115 57.3 43.3 129.8

150 157.1 0.0 351.2



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

1,2,3-Trichloropropane

Concen: 23.39 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025528.D

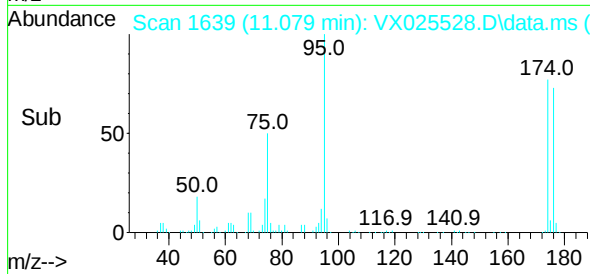
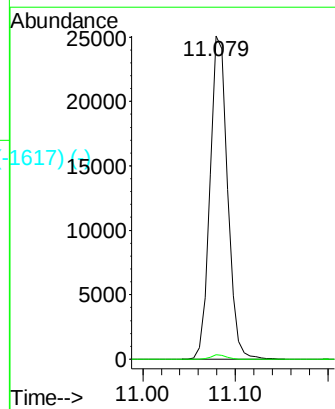
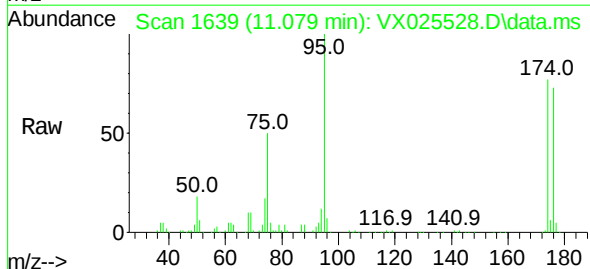
Acq: 04 Dec 2021 17:41

Tgt Ion: 75 Resp: 32845

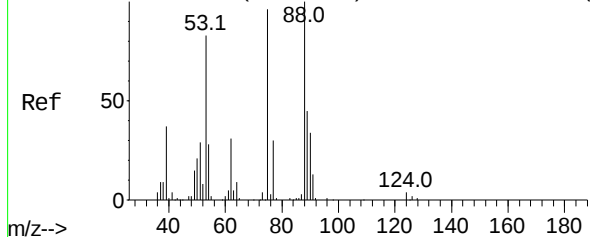
Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



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



trans-1,4-Dichloro-2-butene
Concen: 58.93 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX025528.D
Acq: 04 Dec 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20211201

Tgt Ion:	75	Resp:	32845
Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.9	122.9#
89	0.0	38.2	57.2#

