

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025527.D
 Acq On : 04 Dec 2021 17:18
 Operator : JC/MD
 Sample : M4923-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20211201

Quant Time: Dec 06 01:05:09 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)

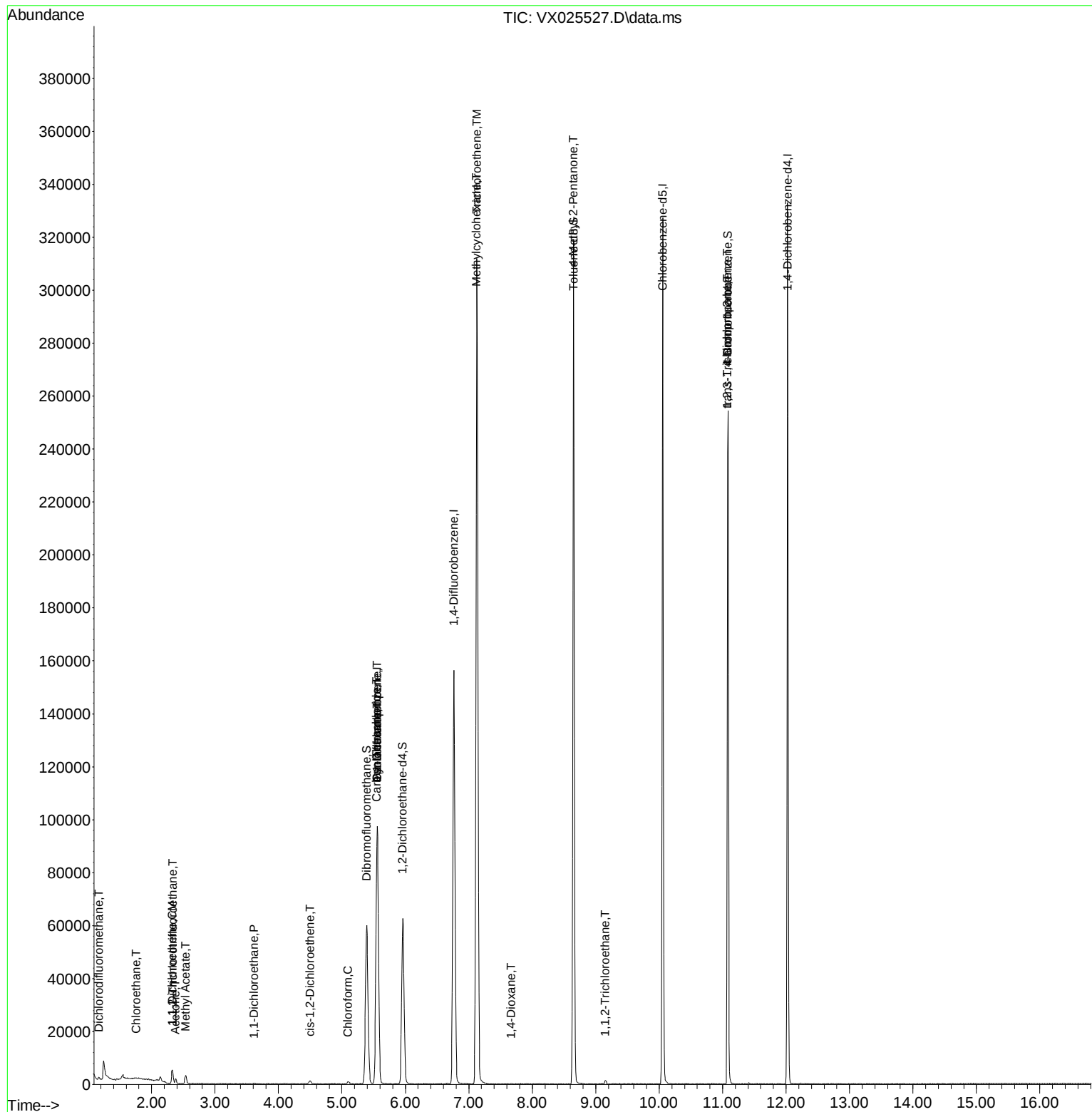
Internal Standards						
1) Pentafluorobenzene	5.556	168	97424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59265	57.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.42%			
35) Dibromofluoromethane	5.391	113	50809	49.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.88%			
50) Toluene-d8	8.653	98	190826	49.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.78%			
62) 4-Bromofluorobenzene	11.085	95	68218	46.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.34%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	540	0.64	ug/l	93
6) Chloroethane	1.758	64	193	0.24	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1468	1.62	ug/l	95
12) 1,1-Dichloroethene	2.325	96	869	0.96	ug/l	89
16) Acetone	2.380	43	2019	3.54	ug/l	100
18) Methyl Acetate	2.538	43	1033	0.57	ug/l #	52
24) 1,1-Dichloroethane	3.611	63	387	0.23	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	845	0.73	ug/l	76
30) Chloroform	5.092	83	1014	0.57	ug/l	98
31) Cyclohexane	5.556	56	1765	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6945	4.75	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9482	5.89	ug/l #	16
39) Methylcyclohexane	7.123	83	1412	0.75	ug/l #	1
44) Trichloroethene	7.129	130	125082	97.27	ug/l	92
49) 1,4-Dioxane	7.671	88	142	5.18	ug/l #	53
51) 4-Methyl-2-Pentanone	8.647	43	832	0.48	ug/l #	1
55) 1,1,2-Trichloroethane	9.147	97	443	0.39	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	33952	24.36	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33952	61.36	ug/l #	9

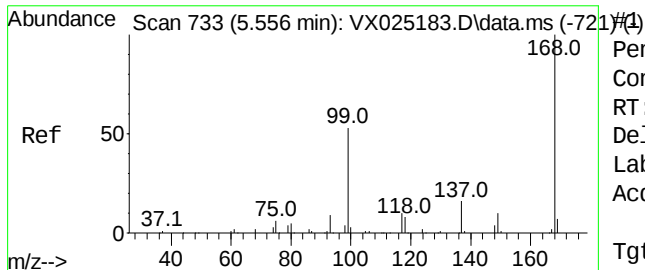
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX025527.D

Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

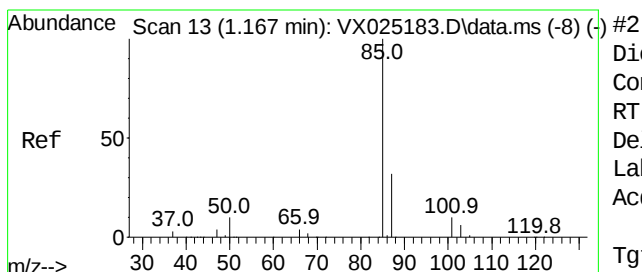
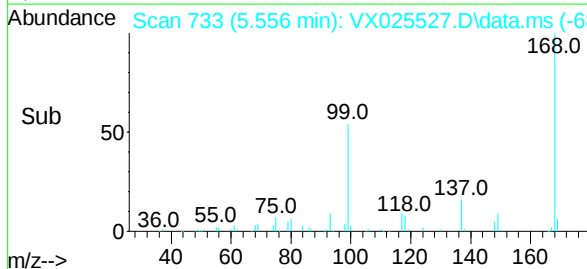
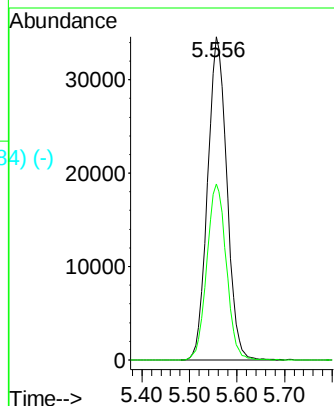
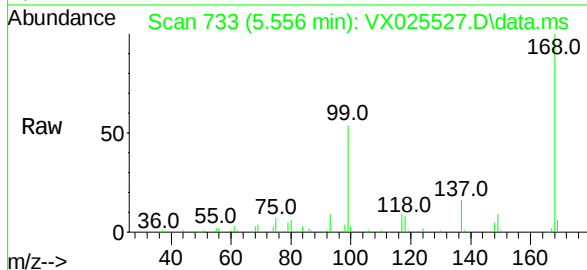
TT180D1-20211201

Tgt Ion:168 Resp: 97424

Ion Ratio Lower Upper

168 100

99 54.5 46.4 69.6



Dichlorodifluoromethane

Concen: 0.64 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.001 min

Lab File: VX025527.D

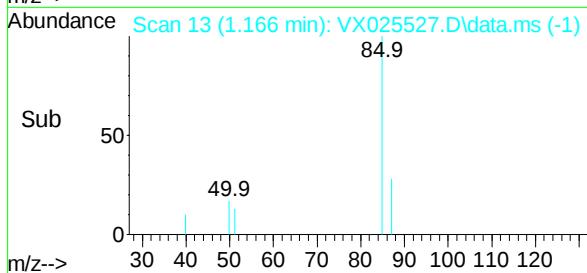
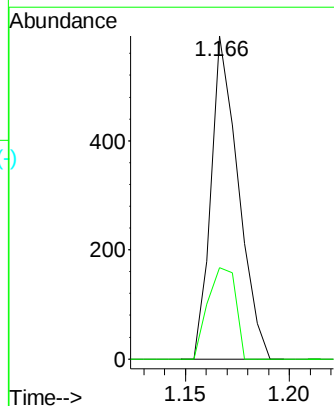
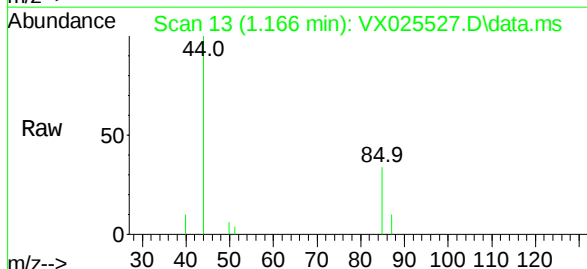
Acq: 04 Dec 2021 17:18

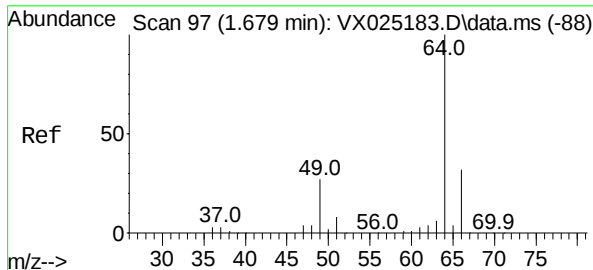
Tgt Ion: 85 Resp: 540

Ion Ratio Lower Upper

85 100

87 28.2 16.0 47.9





Chloroethane

Concen: 0.24 ug/l

RT: 1.758 min Scan#

Delta R.T. 0.079 min

Lab File: VX025527.D

Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

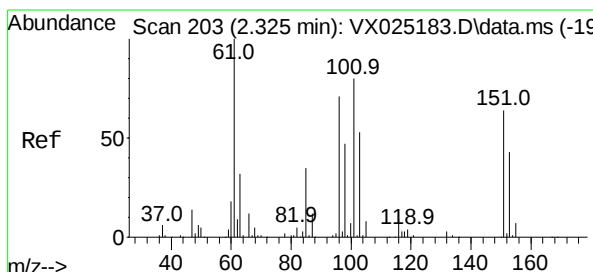
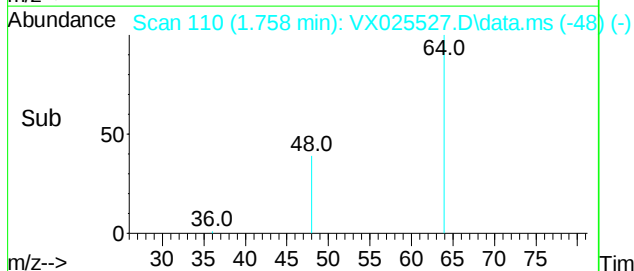
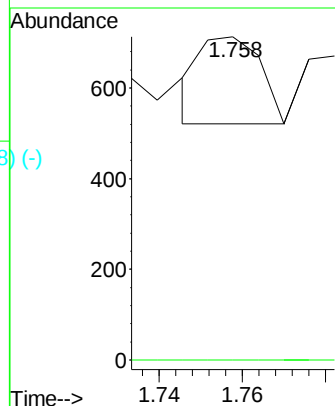
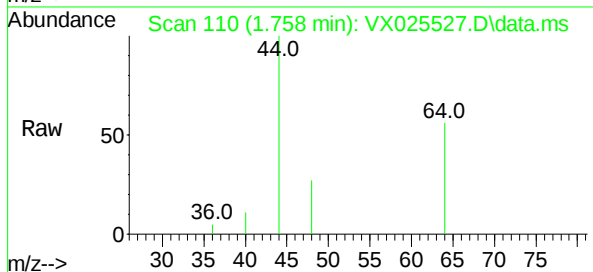
TT180D1-20211201

Tgt Ion: 64 Resp: 193

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



1,1,2-Trichlorotrifluoroethane

Concen: 1.62 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX025527.D

Acq: 04 Dec 2021 17:18

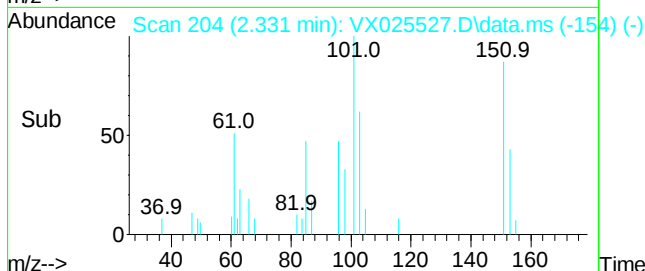
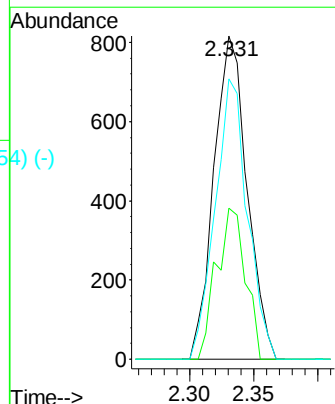
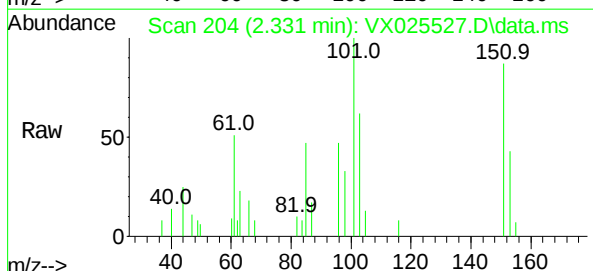
Tgt Ion: 101 Resp: 1468

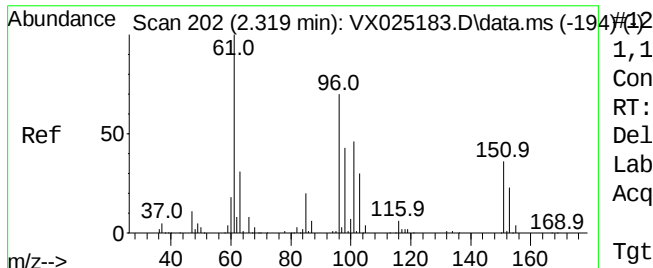
Ion Ratio Lower Upper

101 100

85 40.8 35.9 53.9

151 84.3 64.4 96.6





1,1-Dichloroethene

Concen: 0.96 ug/l

RT: 2.325 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025527.D

Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20211201

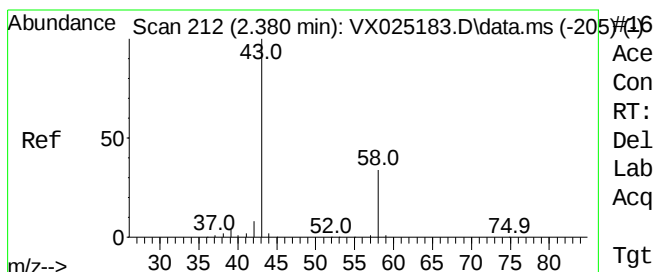
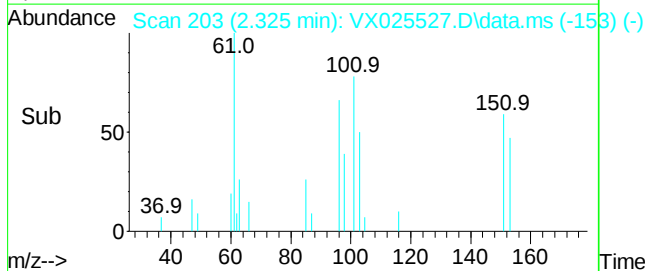
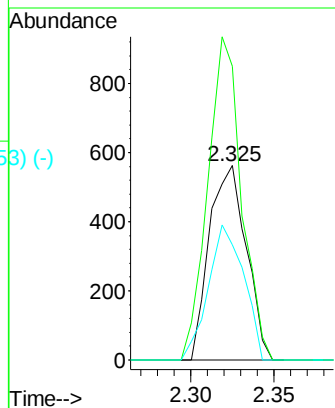
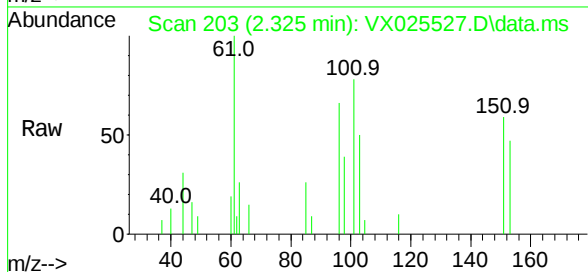
Tgt Ion: 96 Resp: 869

Ion Ratio Lower Upper

96 100

61 151.2 134.1 201.1

98 59.3 51.5 77.3



Acetone

Concen: 3.54 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025527.D

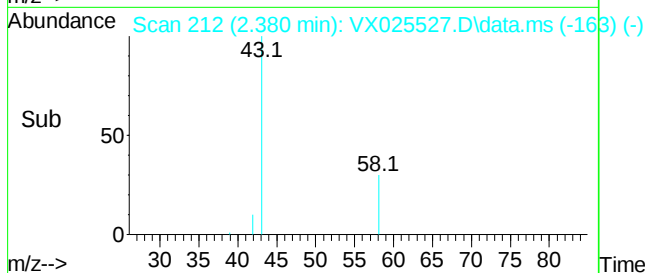
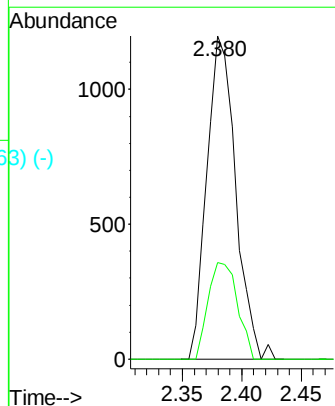
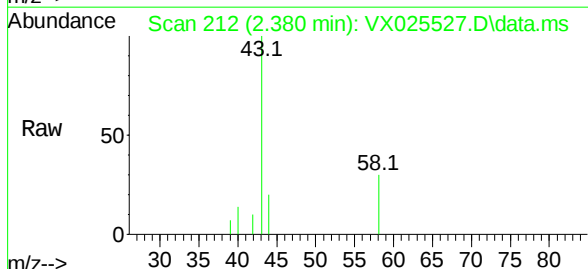
Acq: 04 Dec 2021 17:18

Tgt Ion: 43 Resp: 2019

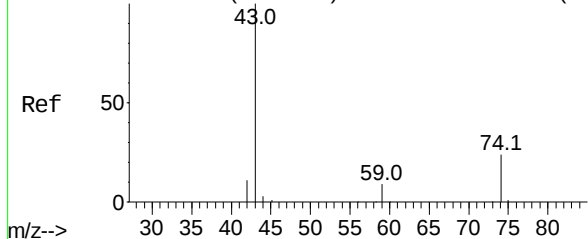
Ion Ratio Lower Upper

43 100

58 30.0 24.0 36.0



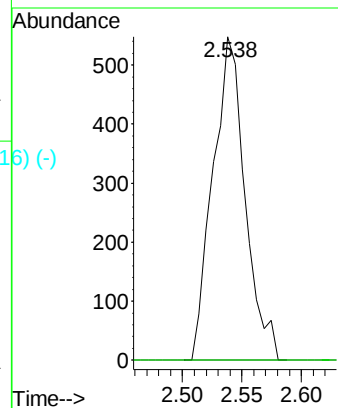
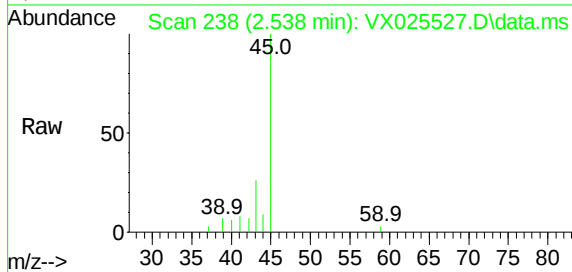
Abundance Scan 265 (2.703 min): VX025183.D\data.ms (-255) #18



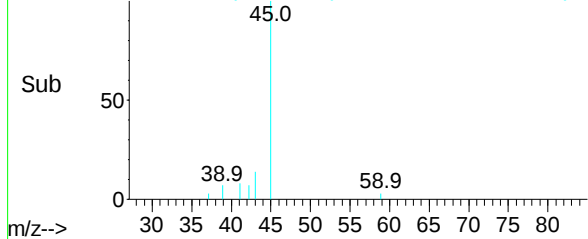
Methyl Acetate
Concen: 0.57 ug/l
RT: 2.538 min Scan# 418
Delta R.T. -0.165 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Instrument : MSVOA_X
ClientSampleId : TT180D1-20211201

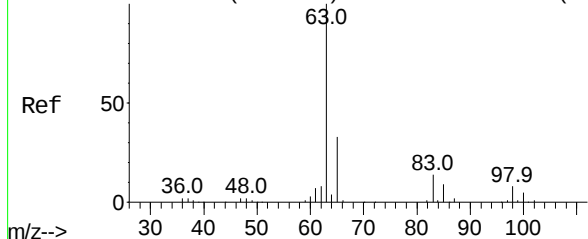
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



Abundance Scan 238 (2.538 min): VX025527.D\data.ms (-216) (-)

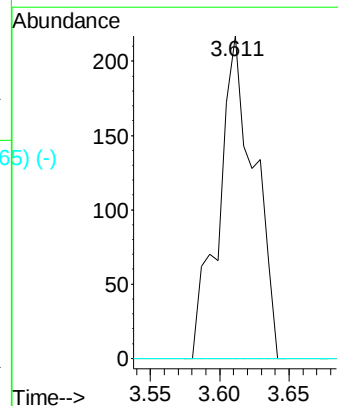
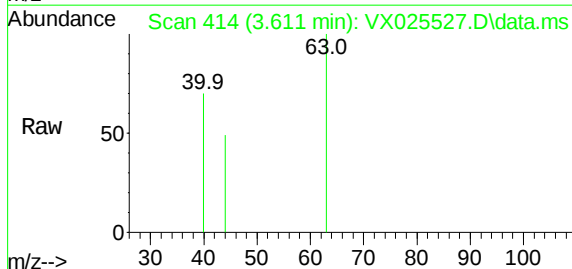


Abundance Scan 414 (3.611 min): VX025183.D\data.ms (-403) #24

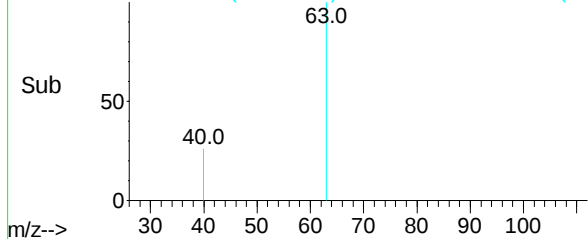


1,1-Dichloroethane
Concen: 0.23 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Tgt Ion: 63 Resp: 387
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): VX025527.D\data.ms (-365) (-)



Abundance Scan 558 (4.489 min): VX025183.D\data.ms (-546) #27

cis-1,2-Dichloroethene

Concen: 0.73 ug/l

RT: 4.501 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX025527.D

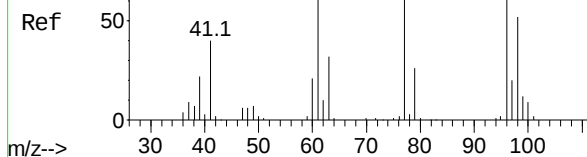
Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20211201



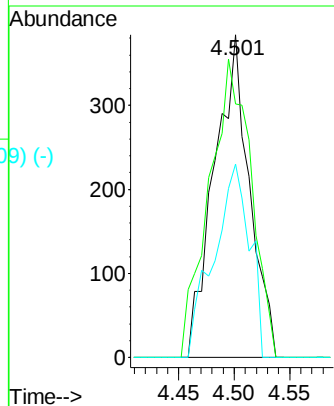
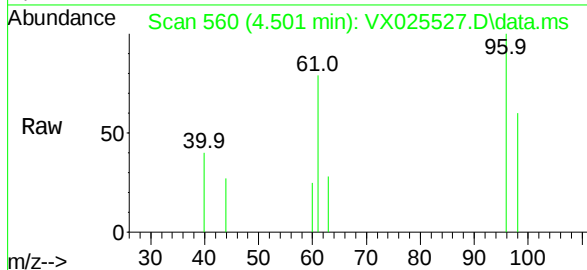
Tgt Ion: 96 Resp: 845

Ion Ratio Lower Upper

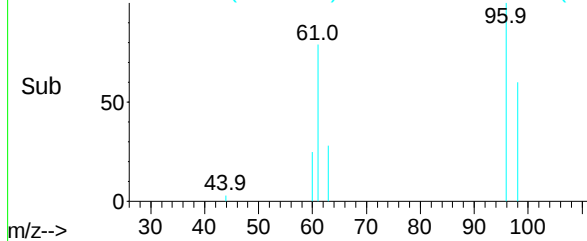
96 100

61 109.9 0.0 302.2

98 61.1 0.0 131.4



Abundance Scan 560 (4.501 min): VX025527.D\data.ms (-509) (-)



Abundance Scan 658 (5.099 min): VX025183.D\data.ms (-645) #30

Chloroform

Concen: 0.57 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.007 min

Lab File: VX025527.D

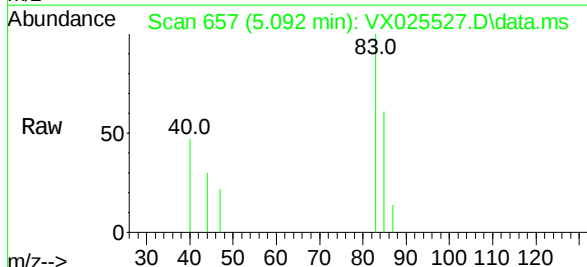
Acq: 04 Dec 2021 17:18

Tgt Ion: 83 Resp: 1014

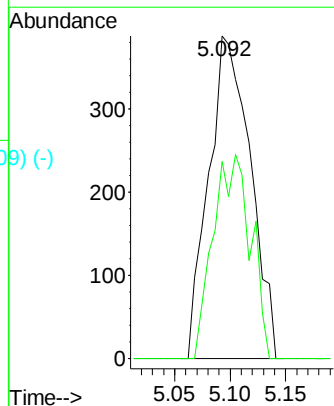
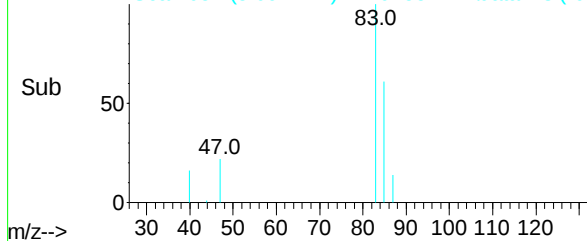
Ion Ratio Lower Upper

83 100

85 61.1 50.2 75.2



Abundance Scan 657 (5.092 min): VX025527.D\data.ms (-609) (-)



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

Cyclohexane

Concen: 1.11 ug/l

RT: 5.556 min Scan#

Delta R.T. 0.085 min

Lab File: VX025527.D

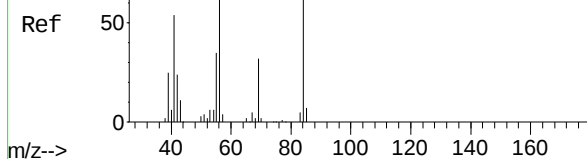
Acq: 04 Dec 2021 17:18

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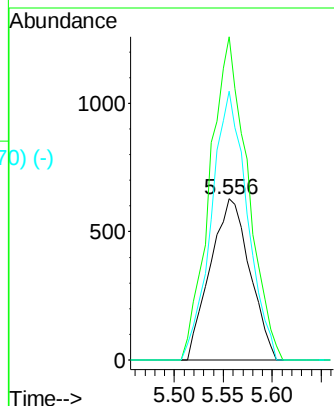
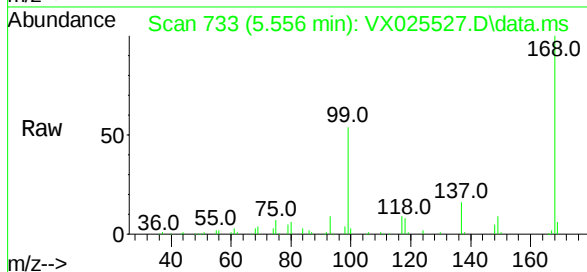
Tgt Ion: 56 Resp: 1765

Ion Ratio Lower Upper

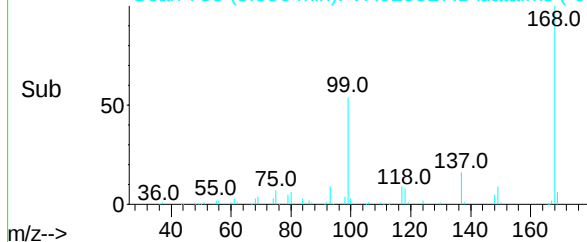
56 100

69 200.3 24.2 36.2#

84 166.8 71.5 107.3#



Abundance Scan 733 (5.556 min): VX025527.D\data.ms (-670) (-)



Abundance Scan 799 (5.958 min): VX025183.D\data.ms (-788) #33

1,2-Dichloroethane-d4

Concen: 57.71 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025527.D

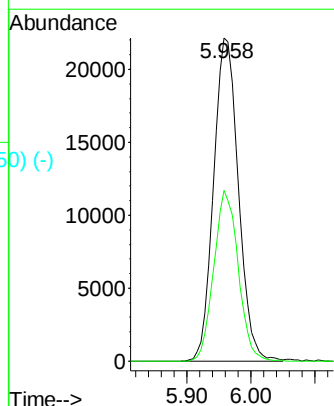
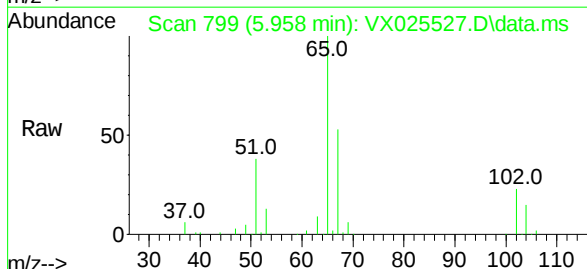
Acq: 04 Dec 2021 17:18

Tgt Ion: 65 Resp: 59265

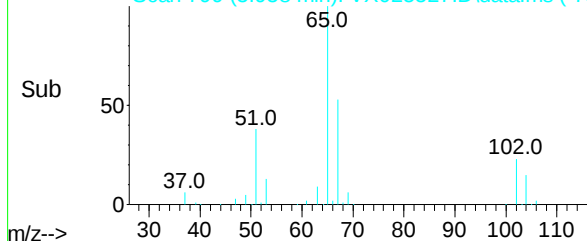
Ion Ratio Lower Upper

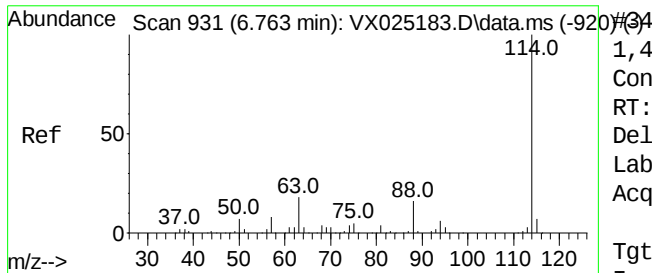
65 100

67 51.9 0.0 101.0



Abundance Scan 799 (5.958 min): VX025527.D\data.ms (-750) (-)





1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025527.D

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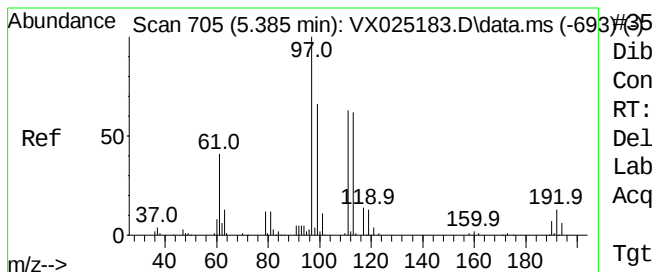
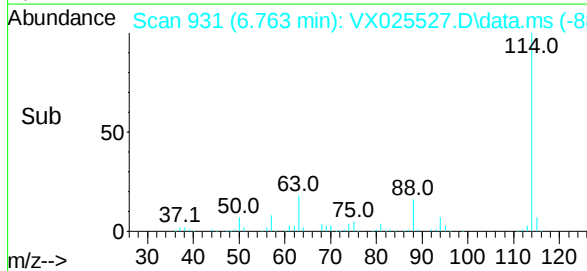
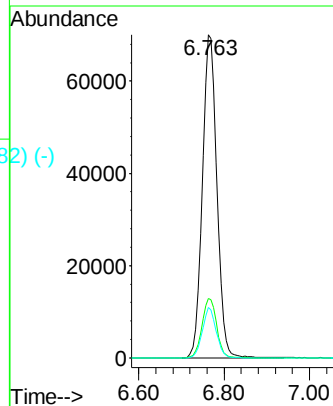
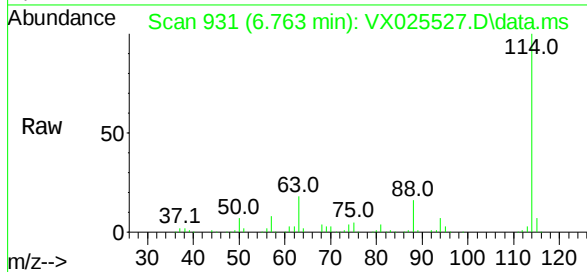
Tgt Ion:114 Resp: 167482

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.7 0.0 34.8



Dibromofluoromethane

Concen: 49.44 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025527.D

Acq: 04 Dec 2021 17:18

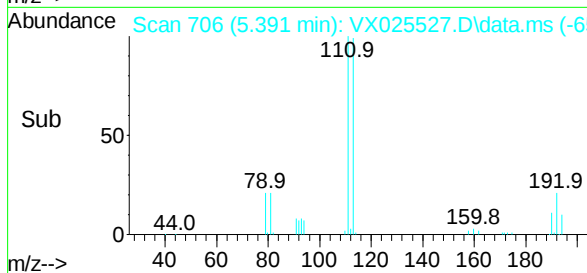
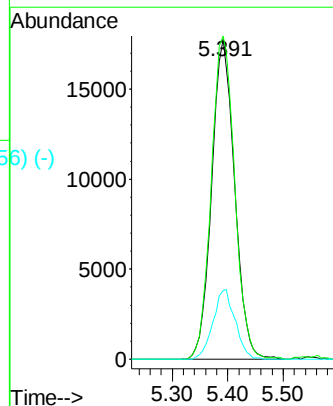
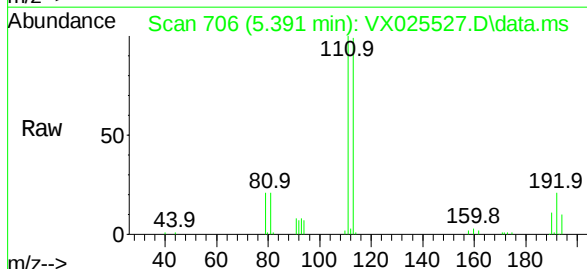
Tgt Ion:113 Resp: 50809

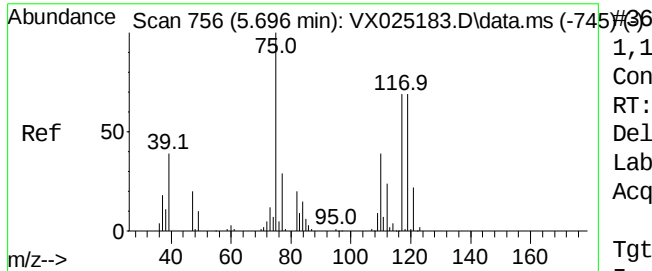
Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 21.0 15.6 23.4

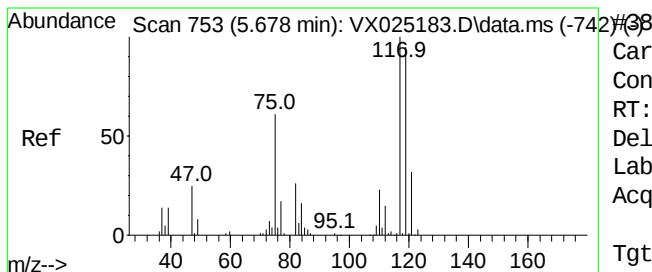
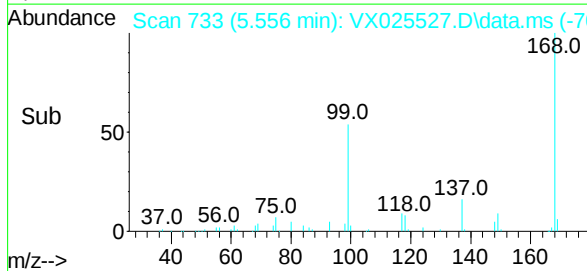
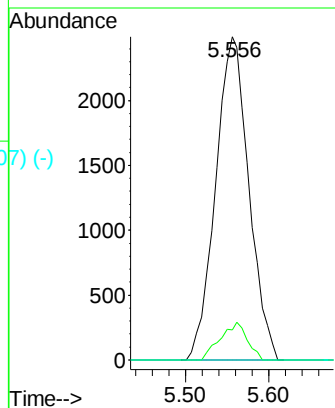
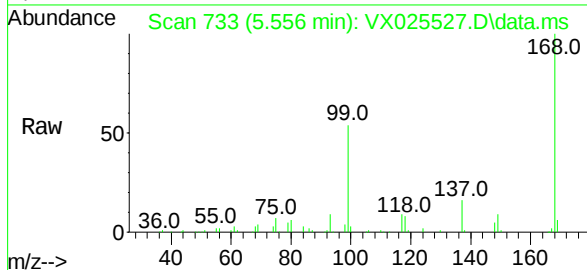




1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.556 min Scan# 736
Delta R.T. -0.140 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

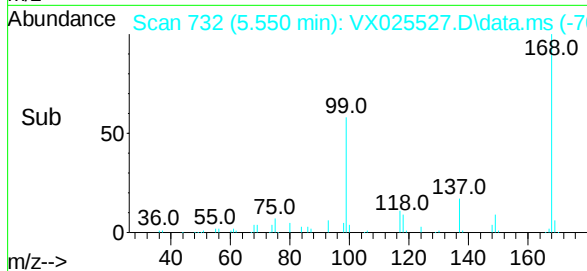
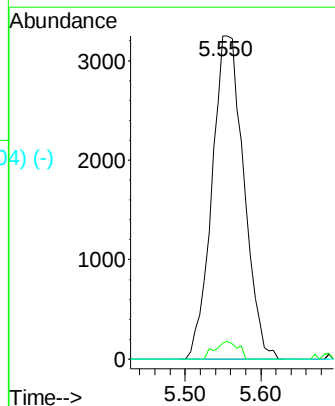
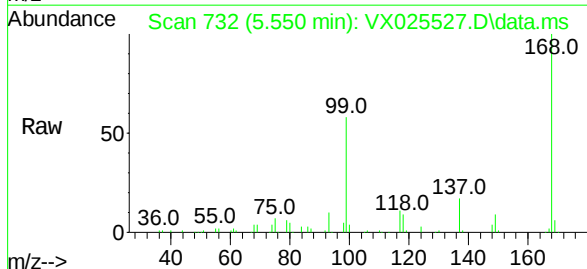
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20211201

Tgt Ion:	75	Resp:	6945
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.3#
77	0.0	24.4	36.6#

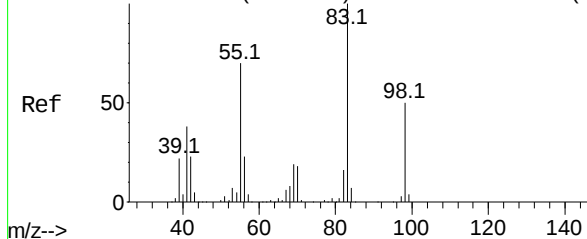


Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Tgt Ion:	117	Resp:	9482
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.6	113.4#
121	0.0	23.7	35.5#



Abundance Scan 1033 (7.385 min): VX025183.D\data.ms (-1029)



Methylcyclohexane

Concen: 0.75 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX025527.D

Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20211201

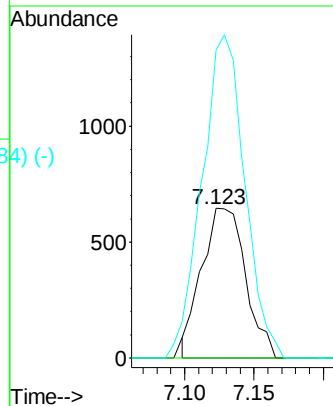
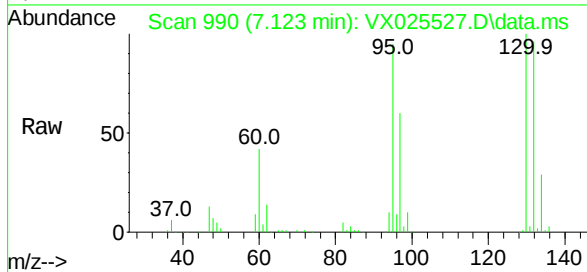
Tgt Ion: 83 Resp: 1412

Ion Ratio Lower Upper

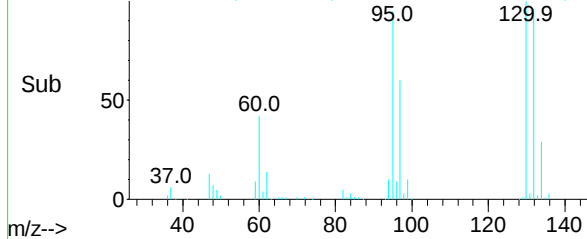
83 100

55 0.0 60.8 91.2#

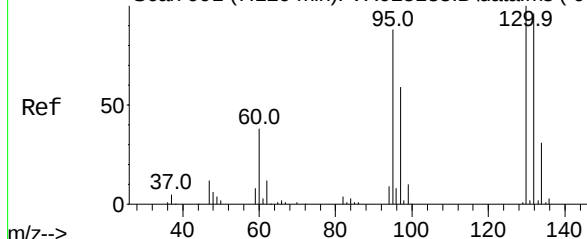
98 206.0 37.0 55.4#



Abundance Scan 990 (7.123 min): VX025527.D\data.ms (-984) (-)



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



Trichloroethene

Concen: 97.27 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025527.D

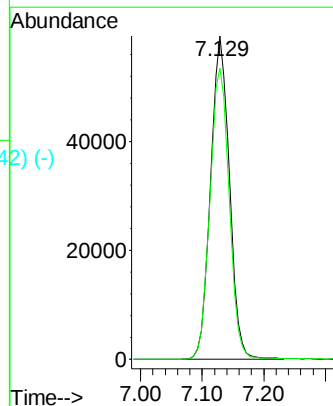
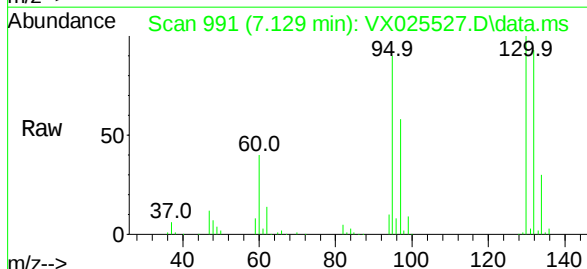
Acq: 04 Dec 2021 17:18

Tgt Ion:130 Resp: 125082

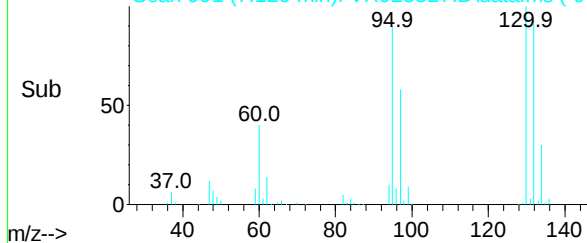
Ion Ratio Lower Upper

130 100

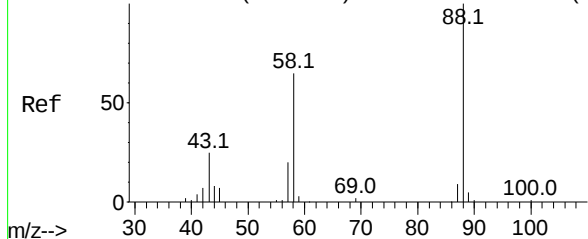
95 90.1 0.0 196.8



Abundance Scan 991 (7.129 min): VX025527.D\data.ms (-942) (-)



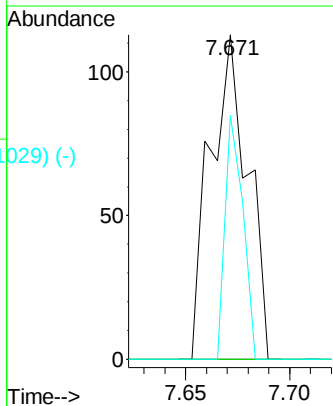
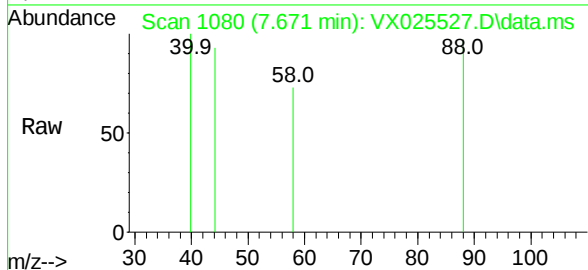
Abundance Scan 1078 (7.659 min): VX025183.D\data.ms (-10719-)



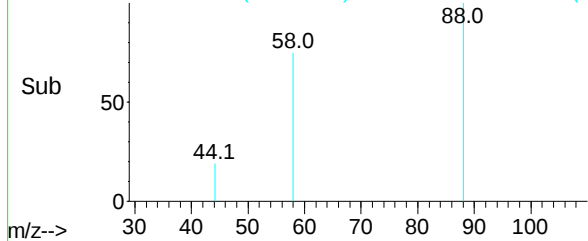
1,4-Dioxane
Concen: 5.18 ug/l
RT: 7.671 min Scan# 119
Delta R.T. 0.012 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20211201

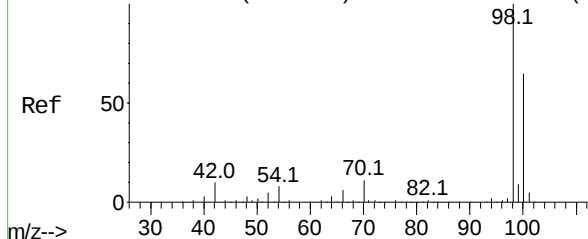
Tgt Ion:	88	Resp:	142
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.6#
58	35.9	55.2	82.8#



Abundance Scan 1080 (7.671 min): VX025527.D\data.ms (-1029-)

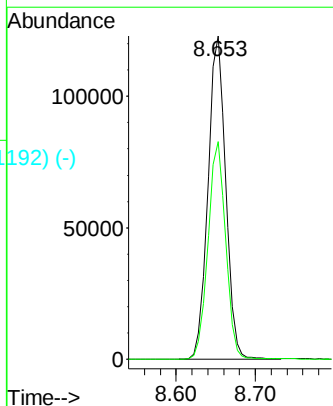
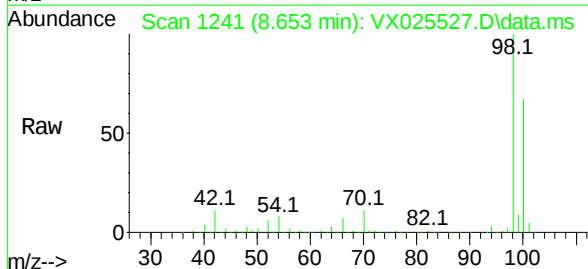


Abundance Scan 1241 (8.653 min): VX025183.D\data.ms (-12350-)

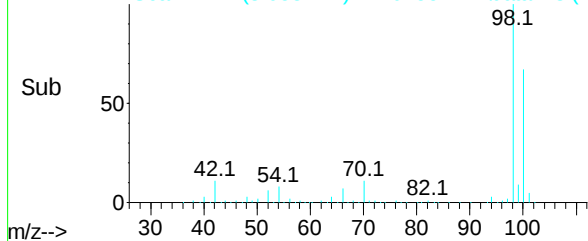


Toluene-d8
Concen: 49.39 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

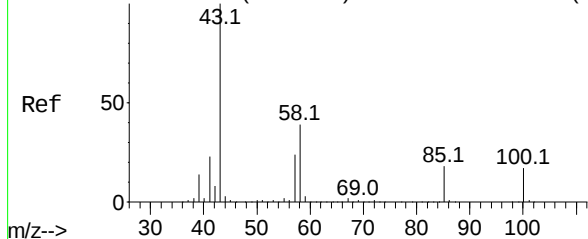
Tgt Ion:	98	Resp:	190826
Ion	Ratio	Lower	Upper
98	100		
100	67.2	51.4	77.0



Abundance Scan 1241 (8.653 min): VX025527.D\data.ms (-1192-)



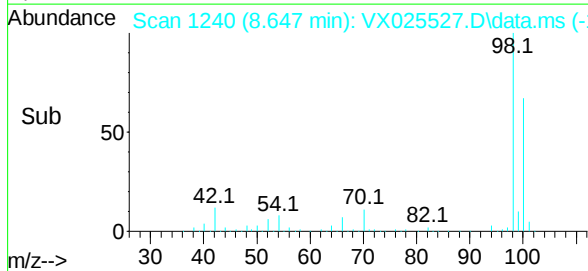
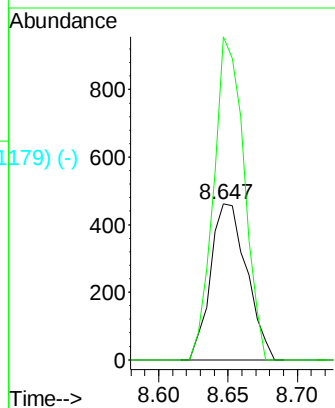
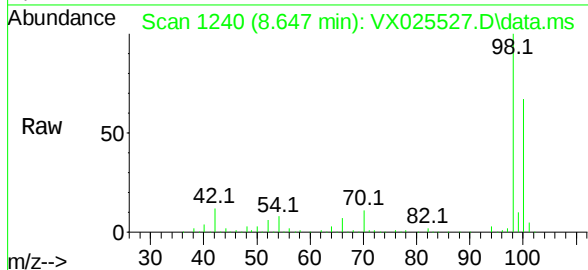
Abundance Scan 1228 (8.574 min): VX025183.D\data.ms (-1228) (-)



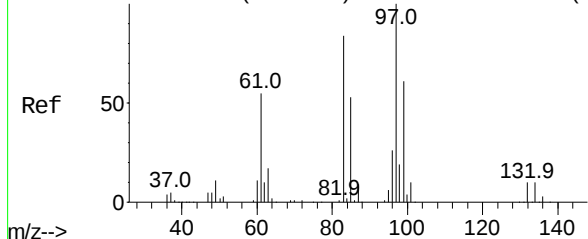
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.647 min Scan# 1228
Delta R.T. 0.073 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Instrument : MSVOA_X
ClientSampleId : TT180D1-20211201

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 174.5 30.9 46.3#

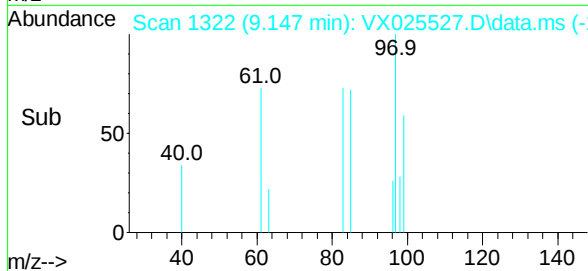
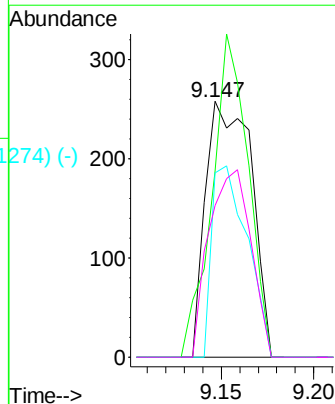
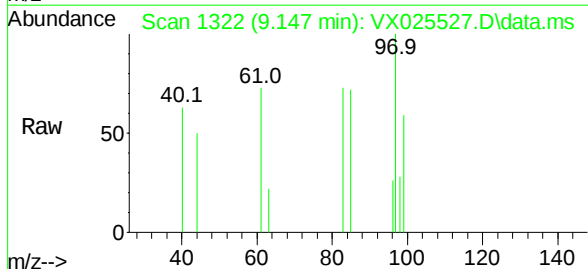


Abundance Scan 1323 (9.153 min): VX025183.D\data.ms (-1323) (-)



1,1,2-Trichloroethane
Concen: 0.39 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Tgt Ion: 97 Resp: 443
Ion Ratio Lower Upper
97 100
83 72.9 69.2 103.8
85 72.1 43.3 64.9#
99 59.3 49.1 73.7



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

4-Bromofluorobenzene

Concen: 46.67 ug/l

RT: 11.085 min Scan#

Delta R.T. 0.006 min

Lab File: VX025527.D

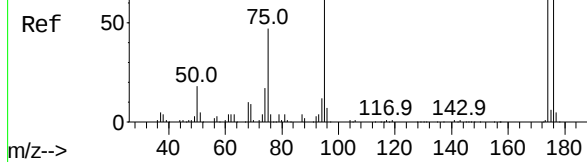
Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20211201



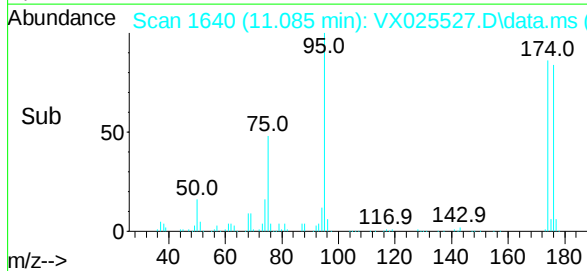
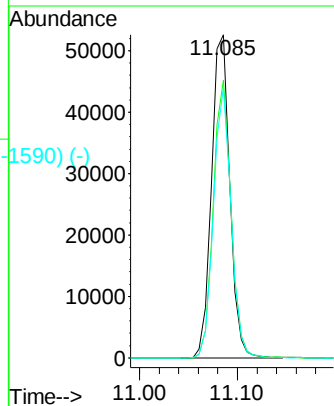
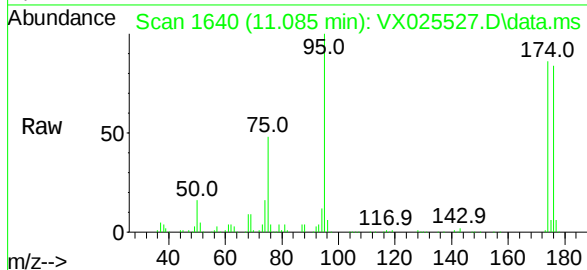
Tgt Ion: 95 Resp: 68218

Ion Ratio Lower Upper

95 100

174 83.5 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: VX025527.D

Acq: 04 Dec 2021 17:18

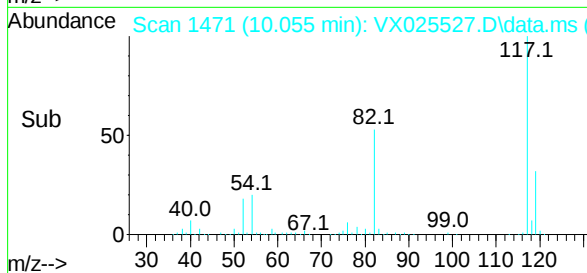
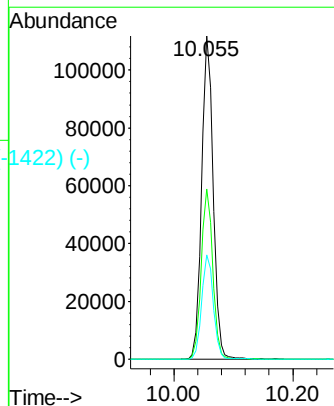
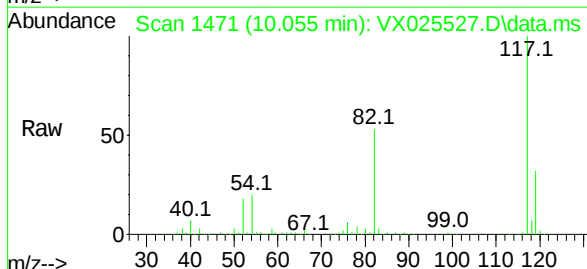
Tgt Ion:117 Resp: 150014

Ion Ratio Lower Upper

117 100

82 52.7 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: VX025527.D

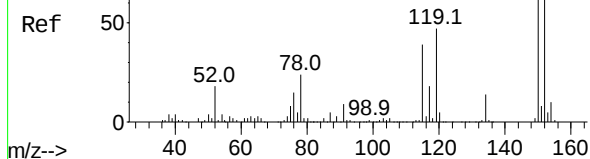
Acq: 04 Dec 2021 17:18

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20211201



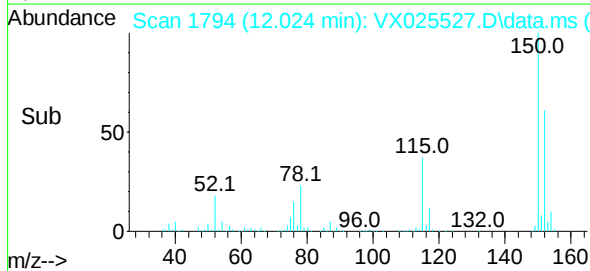
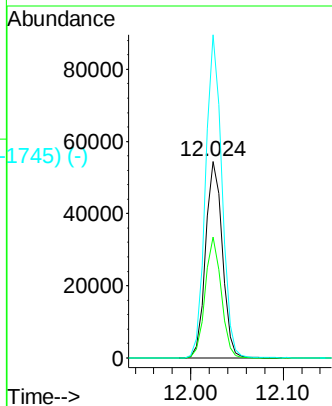
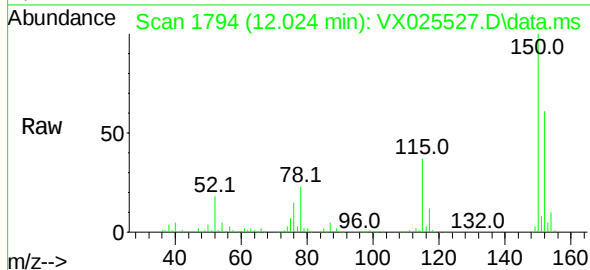
Tgt Ion:152 Resp: 68071

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.8

150 160.9 0.0 351.2



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

1,2,3-Trichloropropane

Concen: 24.36 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025527.D

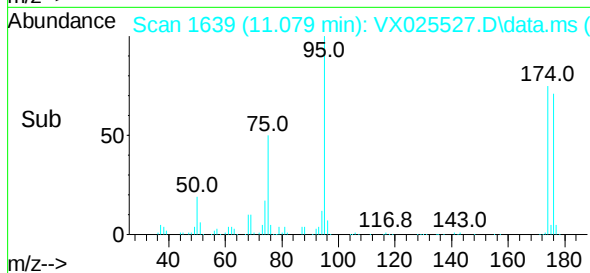
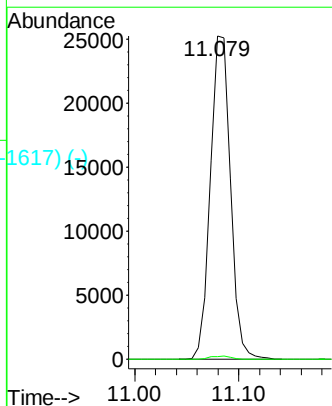
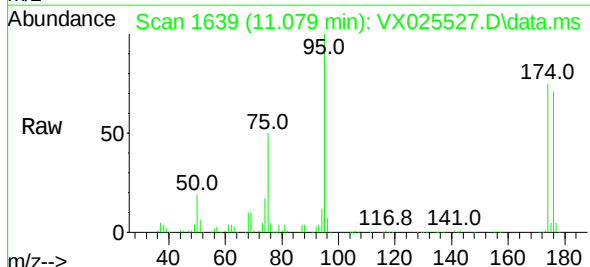
Acq: 04 Dec 2021 17:18

Tgt Ion: 75 Resp: 33952

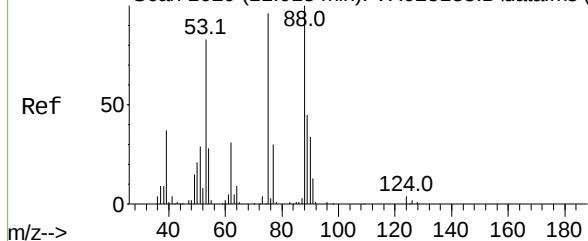
Ion Ratio Lower Upper

75 100

77 1.0 20.0 59.9#



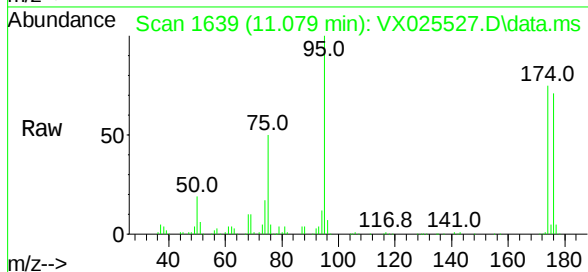
Abundance Scan 1629 (11.018 min): VX025183.D\data.ms (-1629)



trans-1,4-Dichloro-2-butene
Concen: 61.36 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX025527.D
Acq: 04 Dec 2021 17:18

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20211201

Tgt Ion: 75 Resp: 33952
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



Abundance Scan 1639 (11.079 min): VX025527.D\data.ms (-1580)

