

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025545.D
 Acq On : 06 Dec 2021 13:44
 Operator : JC/MD
 Sample : M4923-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20211201DL

Quant Time: Dec 07 05:58:50 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)

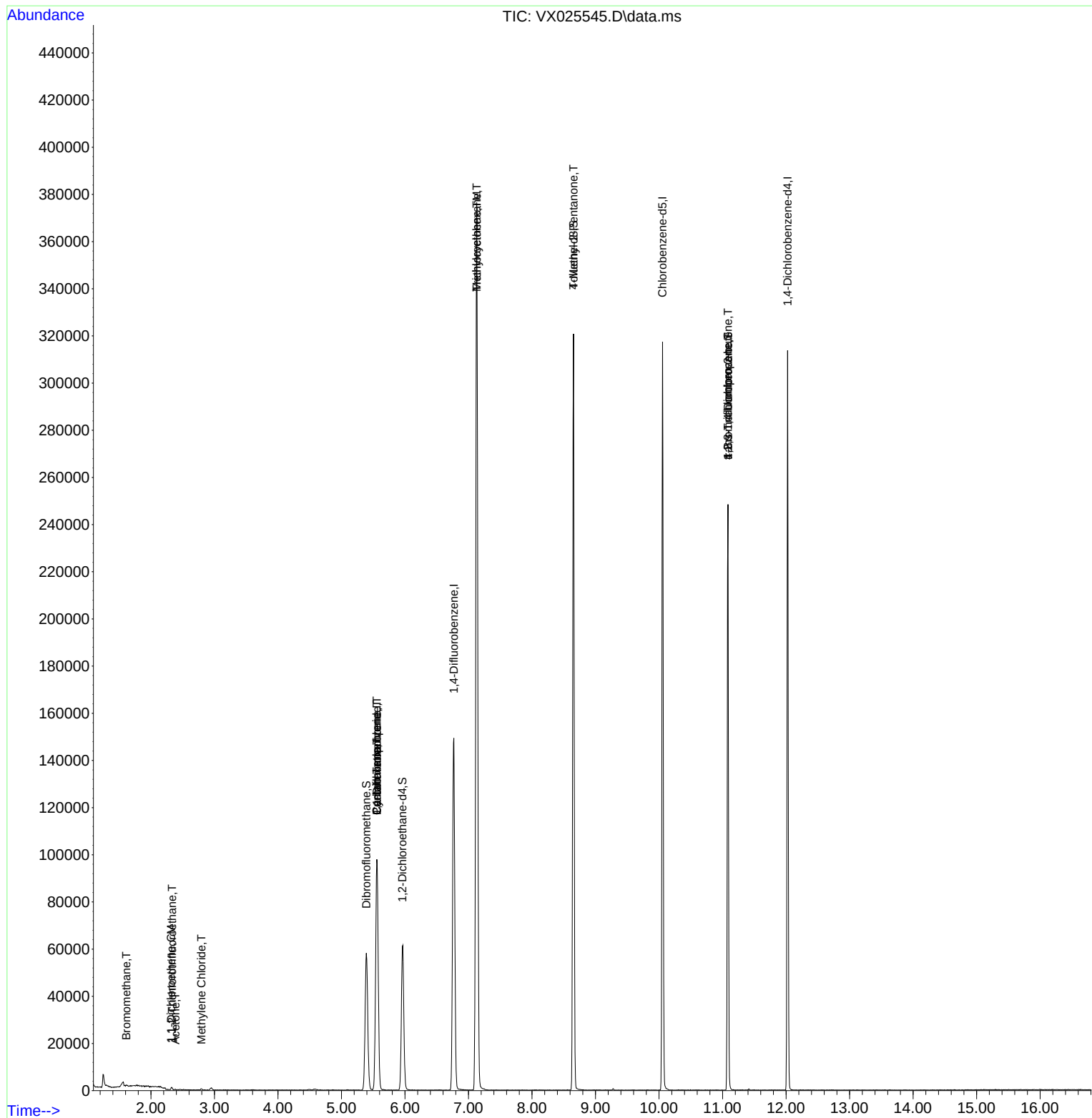
Internal Standards						
1) Pentafluorobenzene	5.556	168	99171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58460	55.925	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.840%	
35) Dibromofluoromethane	5.391	113	49983	50.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	188309	50.101	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	11.085	95	65949	46.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.760%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	196	0.390	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	220	0.238	ug/l #	83
11) Tert butyl alcohol	2.947	59	583	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	260	0.283	ug/l #	63
16) Acetone	2.386	43	200	0.344	ug/l	92
20) Methylene Chloride	2.794	84	252	0.231	ug/l #	60
31) Cyclohexane	5.556	56	1868	1.156	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	6945	4.886	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9538	6.092	ug/l #	17
39) Methylcyclohexane	7.129	83	1599	0.877	ug/l #	1
44) Trichloroethene	7.129	130	147663	118.045	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	754	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	32054	24.369	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	32054	61.391	ug/l #	9

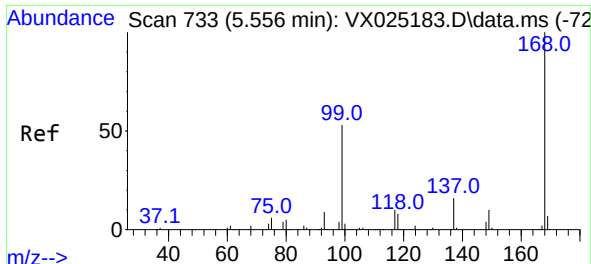
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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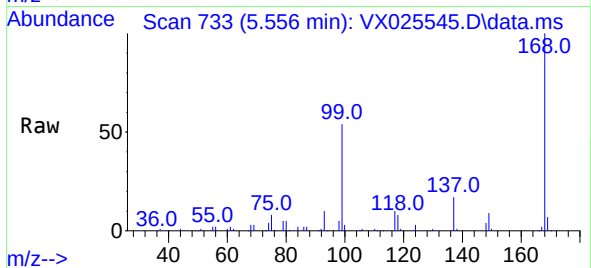
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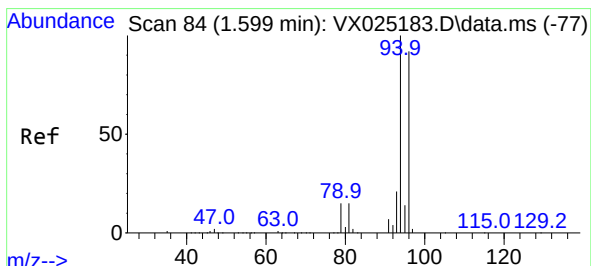
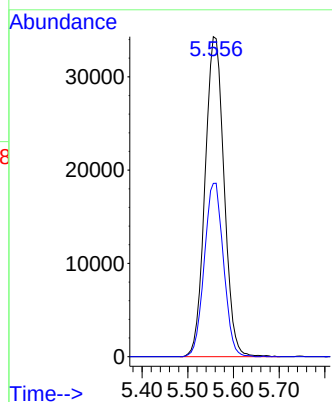


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

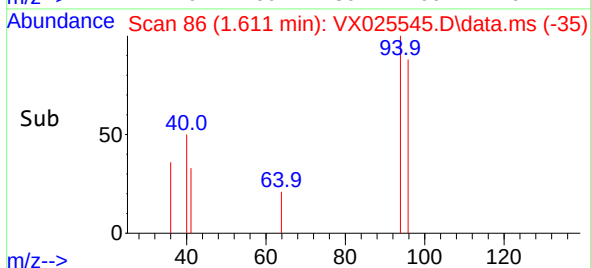
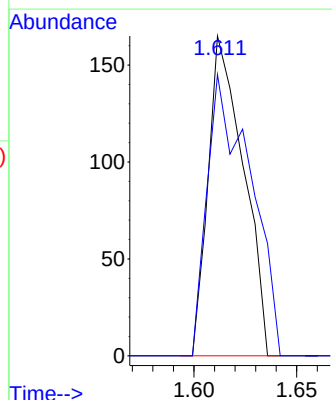
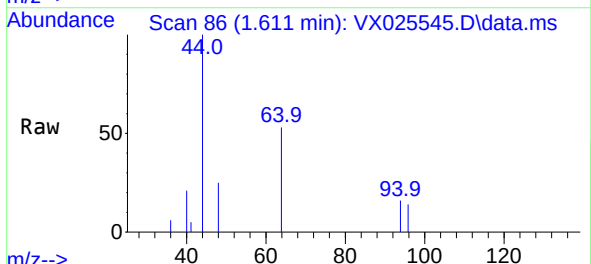


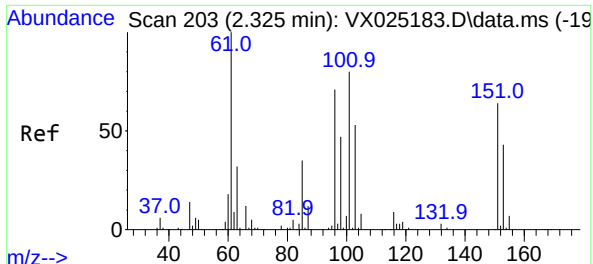
Tgt Ion:168 Resp: 99171
Ion Ratio Lower Upper
168 100
99 54.2 46.4 69.6



#5
Bromomethane
Concen: 0.390 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 87.9 74.8 112.2

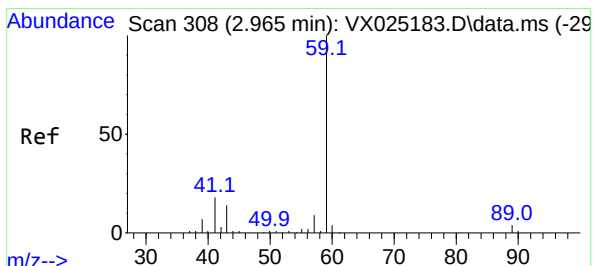
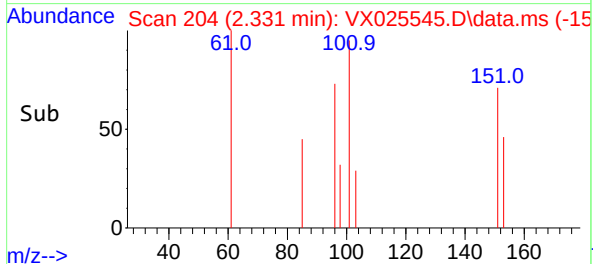
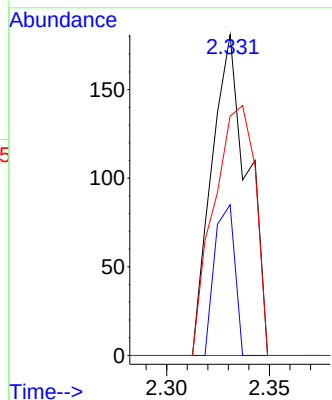
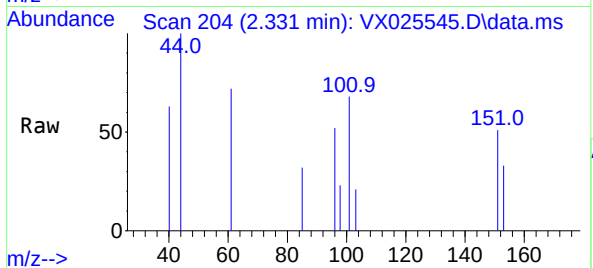




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.238 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

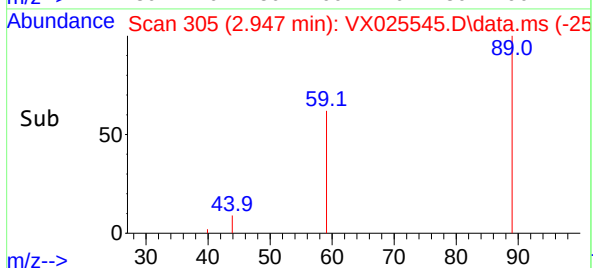
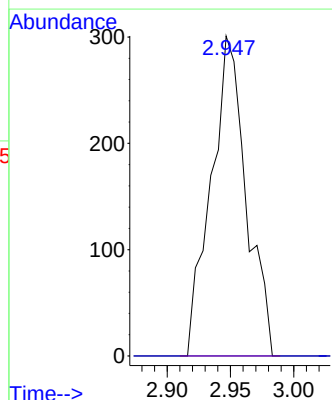
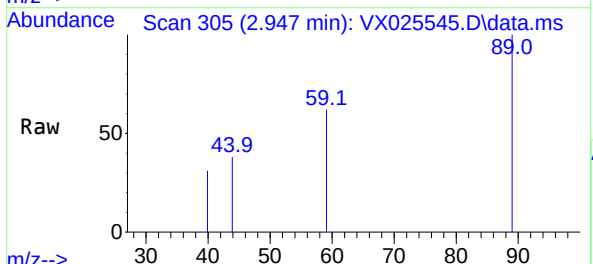
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

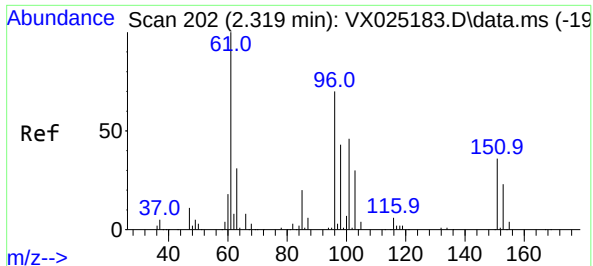
Tgt Ion:101 Resp: 220
Ion Ratio Lower Upper
101 100
85 26.4 35.9 53.9#
151 90.0 64.4 96.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 59 Resp: 583
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 0.283 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025545.D

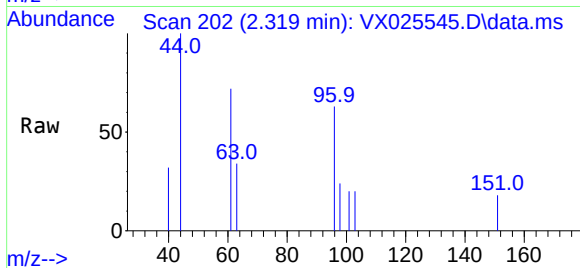
Acq: 06 Dec 2021 13:44

Instrument :

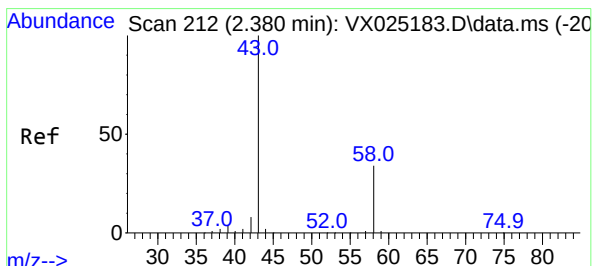
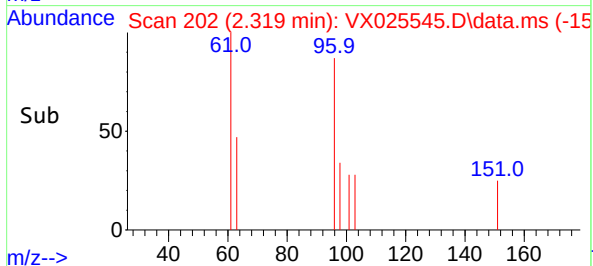
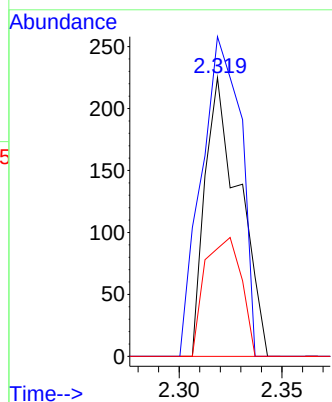
MSVOA_X

ClientSampleId :

TT180D2-20211201DL



Tgt Ion:	96	Resp:	260
Ion	Ratio	Lower	Upper
96	100		
61	114.7	134.1	201.1#
98	38.7	51.5	77.3#



#16

Acetone

Concen: 0.344 ug/l

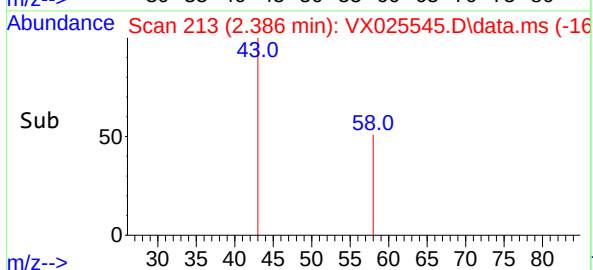
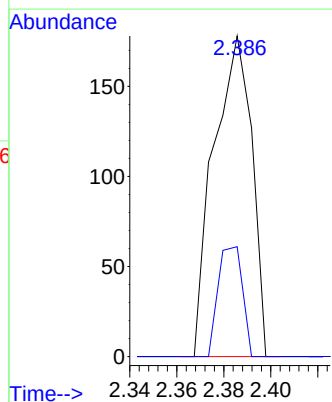
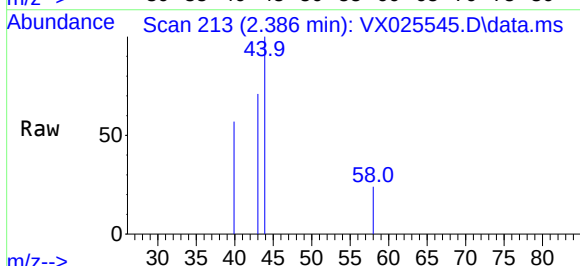
RT: 2.386 min Scan# 213

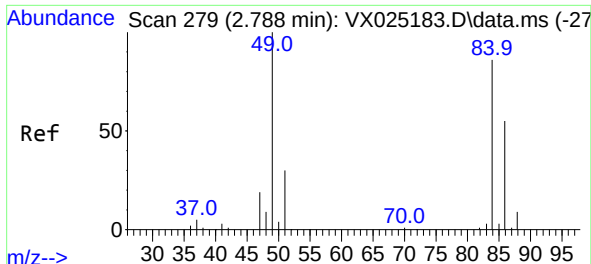
Delta R.T. 0.006 min

Lab File: VX025545.D

Acq: 06 Dec 2021 13:44

Tgt Ion:	43	Resp:	200
Ion	Ratio	Lower	Upper
43	100		
58	34.3	24.0	36.0



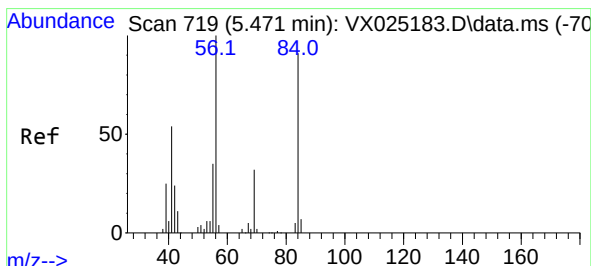
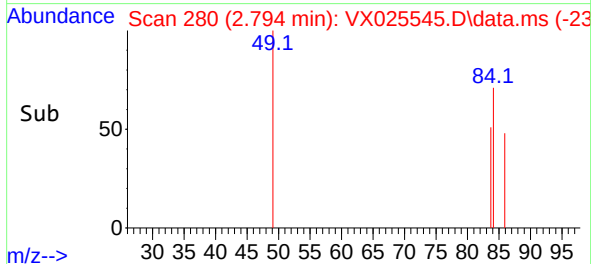
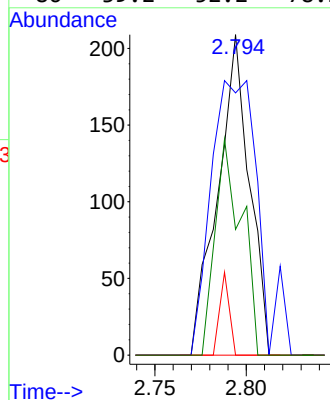
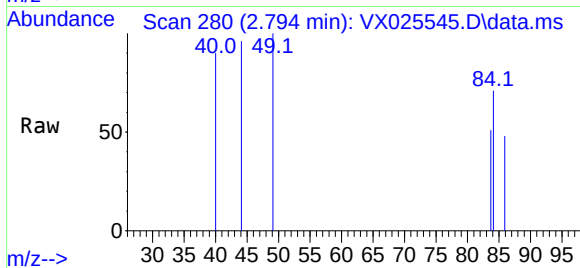


#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.794 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

Tgt Ion: 84 Resp: 252

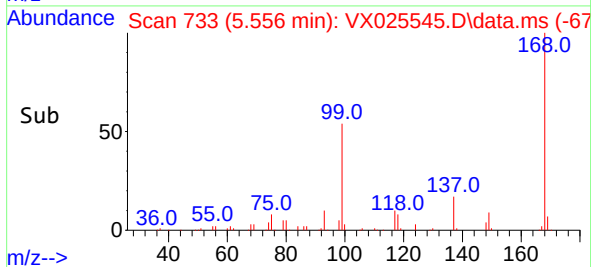
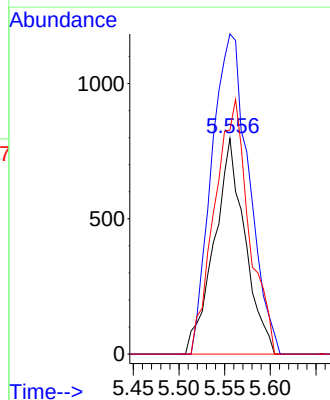
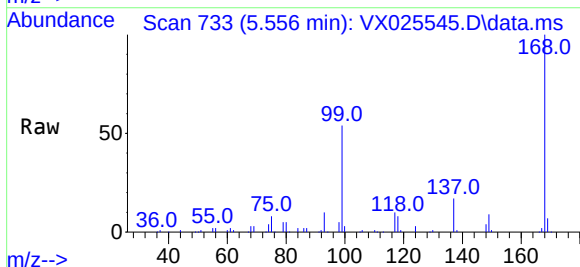
Ion	Ratio	Lower	Upper
84	100		
49	81.8	98.2	147.2#
51	0.0	30.2	45.4#
86	39.2	52.2	78.2#

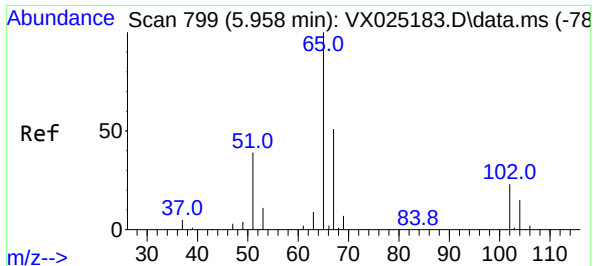


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 56 Resp: 1868

Ion	Ratio	Lower	Upper
56	100		
69	148.4	24.2	36.2#
84	103.9	71.5	107.3

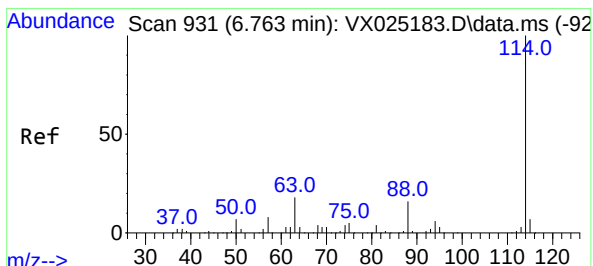
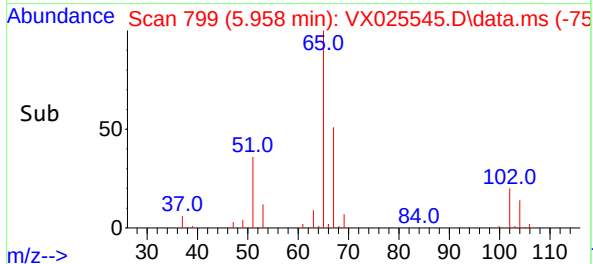
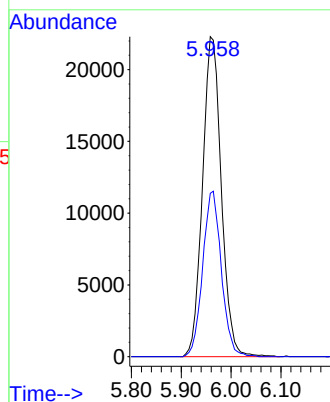
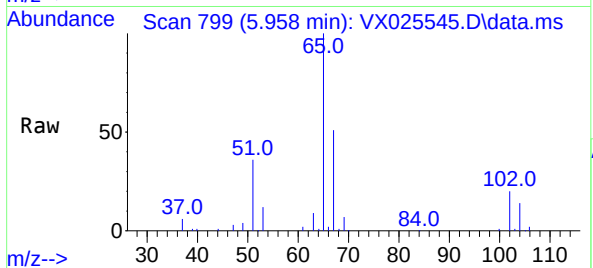




#33
 1,2-Dichloroethane-d4
 Concen: 55.925 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025545.D
 Acq: 06 Dec 2021 13:44

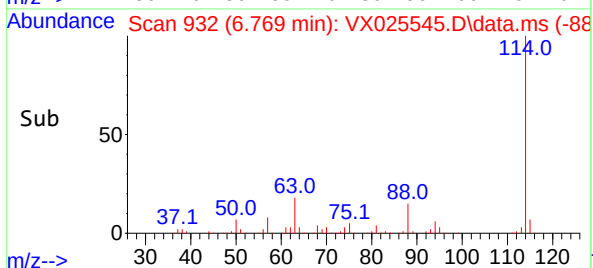
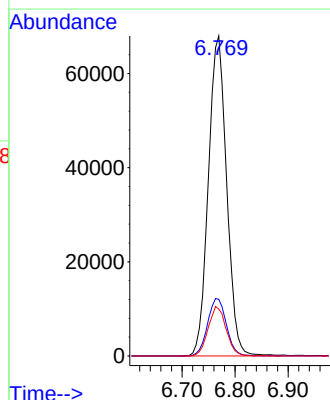
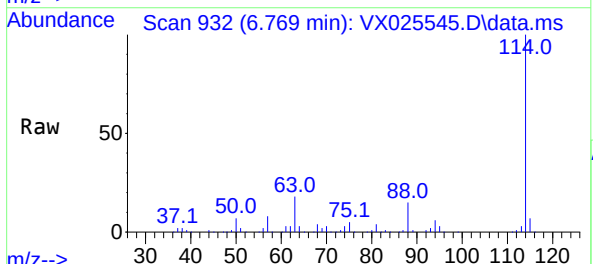
Instrument : MSVOA_X
 ClientSampleId : TT180D2-20211201DL

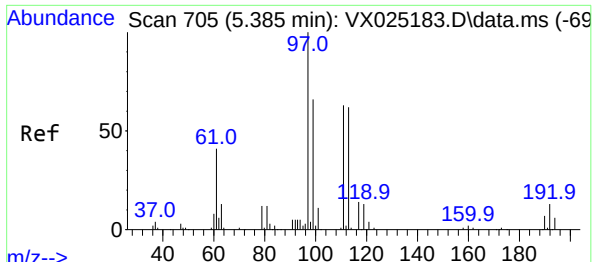
Tgt Ion: 65 Resp: 58460
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX025545.D
 Acq: 06 Dec 2021 13:44

Tgt Ion: 114 Resp: 162926
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 41.0
 88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025545.D

Acq: 06 Dec 2021 13:44

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20211201DL

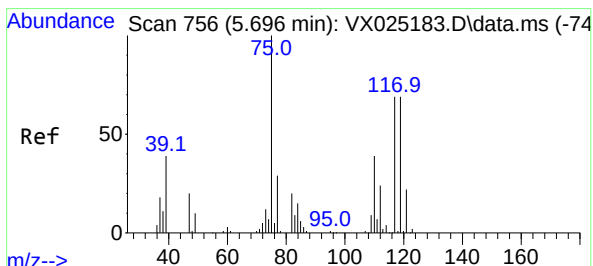
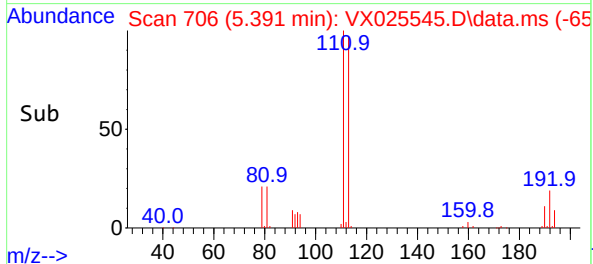
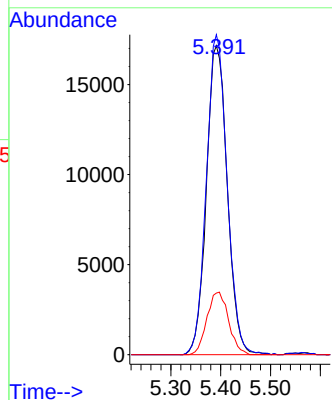
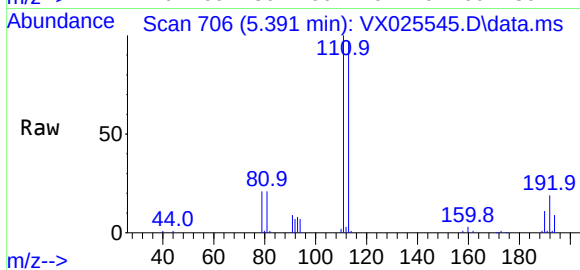
Tgt Ion:113 Resp: 49983

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 20.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025545.D

Acq: 06 Dec 2021 13:44

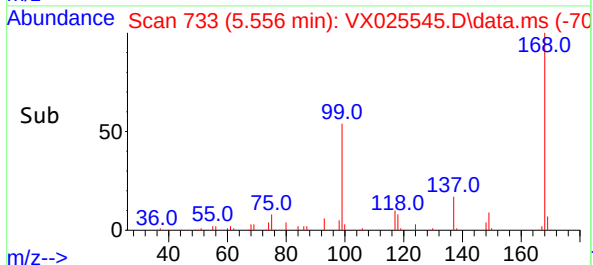
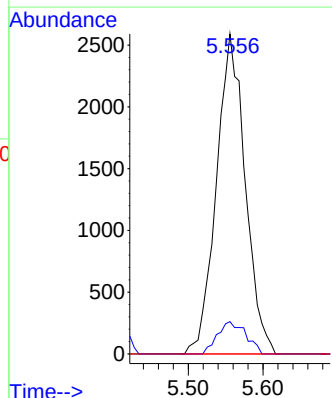
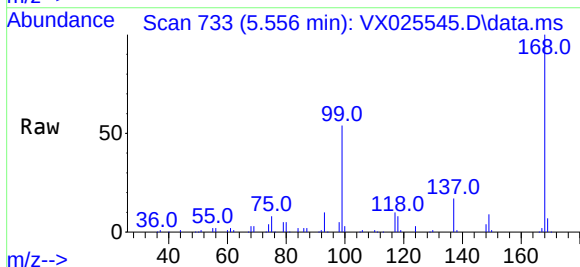
Tgt Ion: 75 Resp: 6945

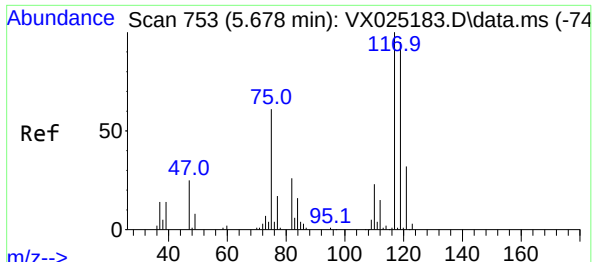
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.3#

77 0.0 24.4 36.6#

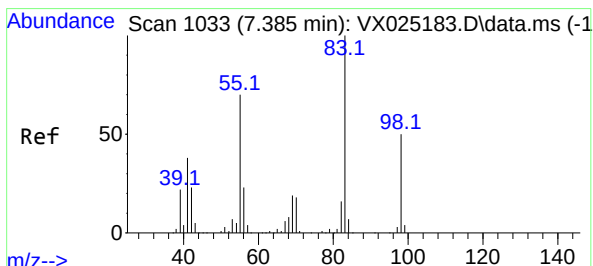
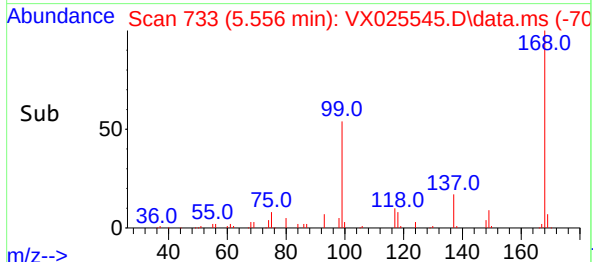
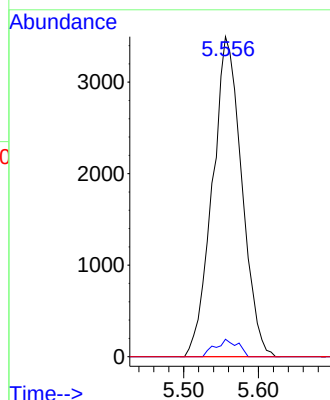
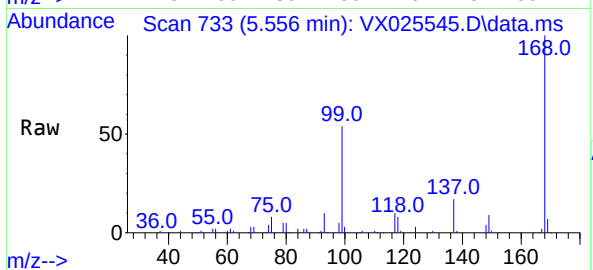




#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

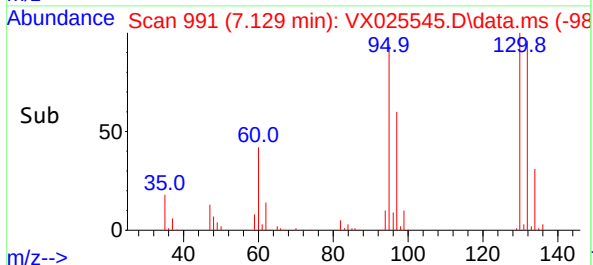
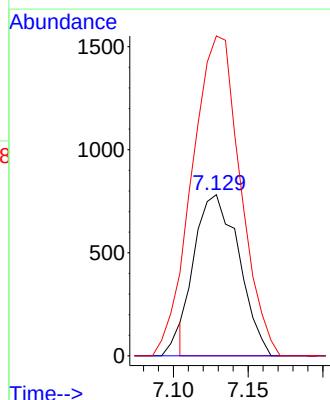
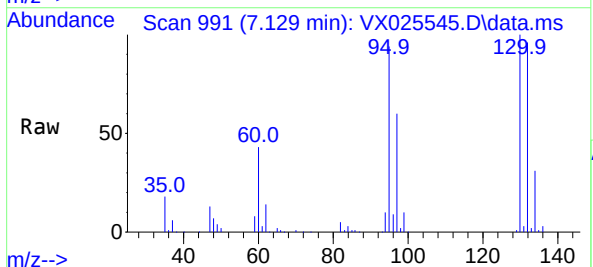
Instrument :
MSVOA_X
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TT180D2-20211201DL

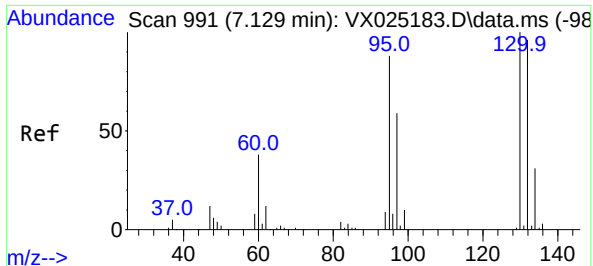
Tgt Ion:117 Resp: 9538
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 23.7 35.5#



#39
Methylcyclohexane
Concen: 0.877 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 83 Resp: 1599
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 198.5 37.0 55.4#

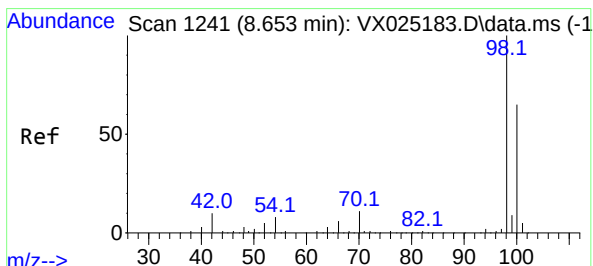
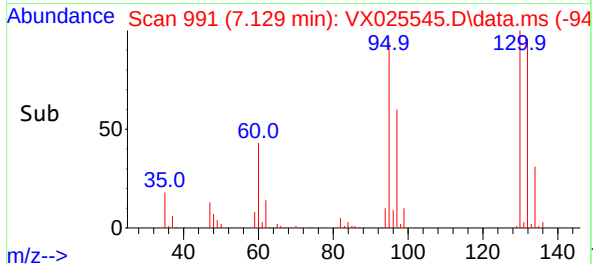
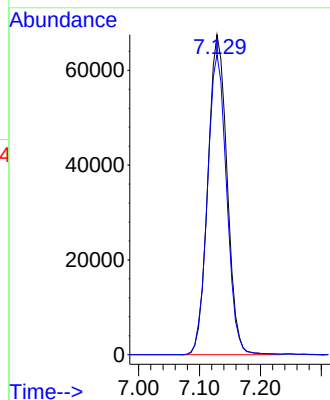
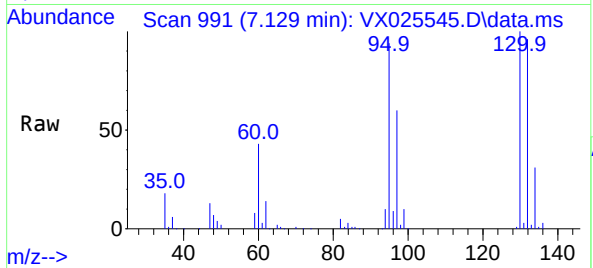




#44
Trichloroethene
Concen: 118.045 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

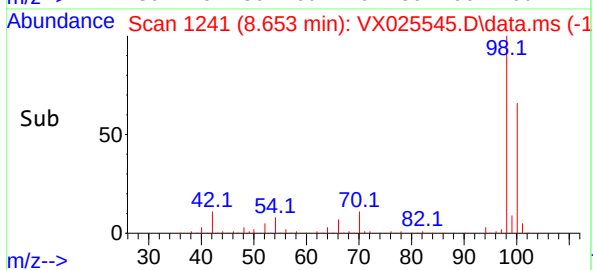
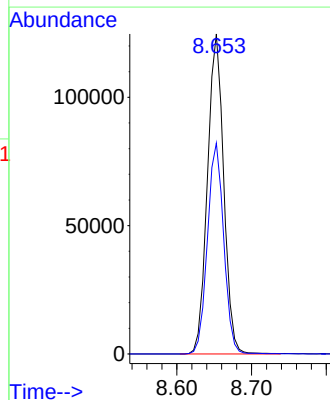
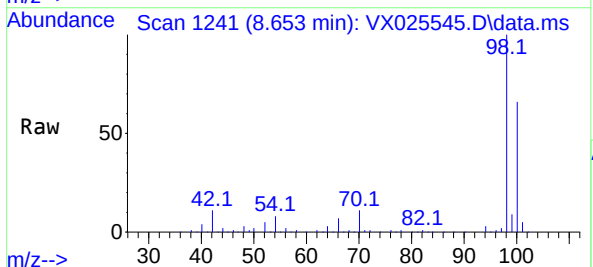
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

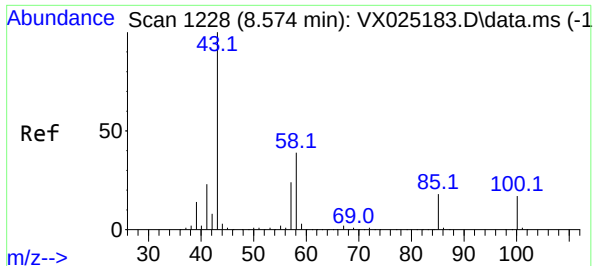
Tgt Ion:130 Resp: 147663
Ion Ratio Lower Upper
130 100
95 93.8 0.0 196.8



#50
Toluene-d8
Concen: 50.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 98 Resp: 188309
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025545.D

Acq: 06 Dec 2021 13:44

Instrument :

MSVOA_X

ClientSampleId :

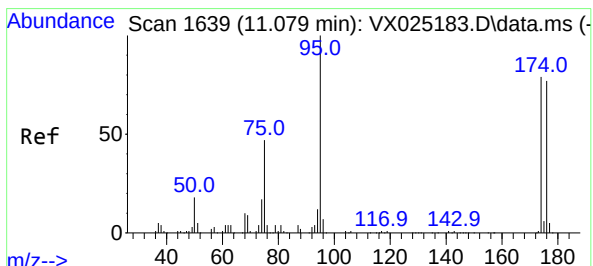
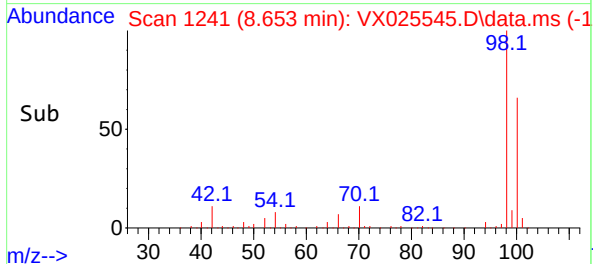
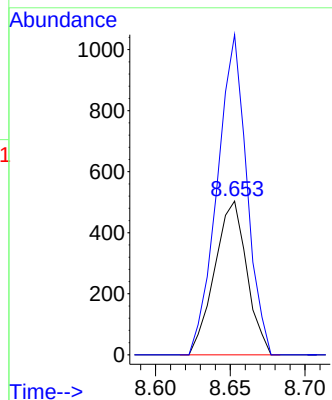
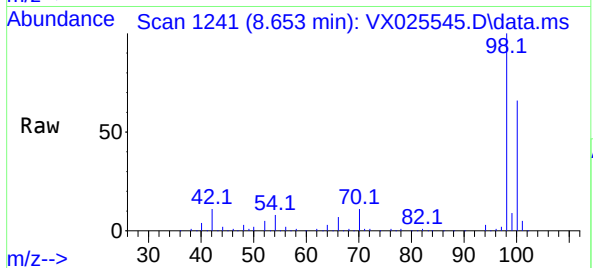
TT180D2-20211201DL

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 191.2 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.380 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025545.D

Acq: 06 Dec 2021 13:44

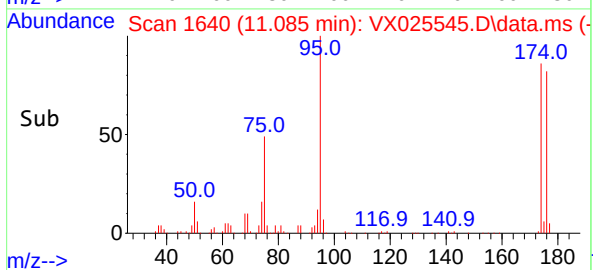
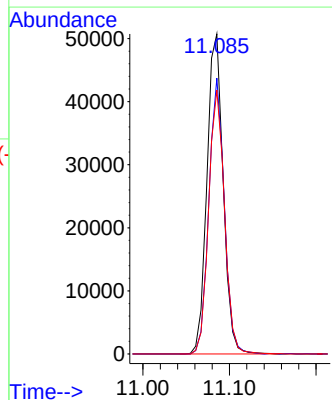
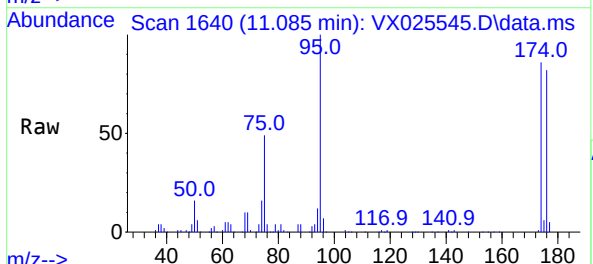
Tgt Ion: 95 Resp: 65949

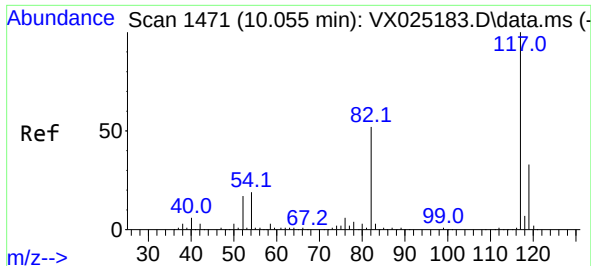
Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.0

176 80.7 0.0 153.6

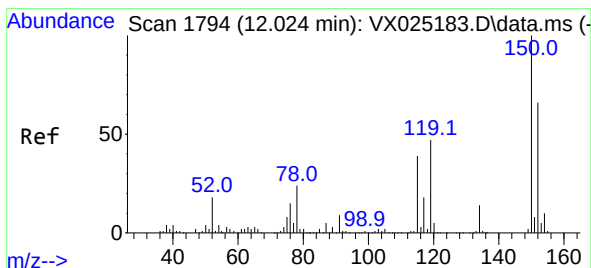
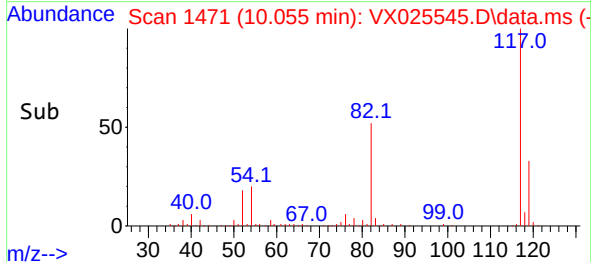
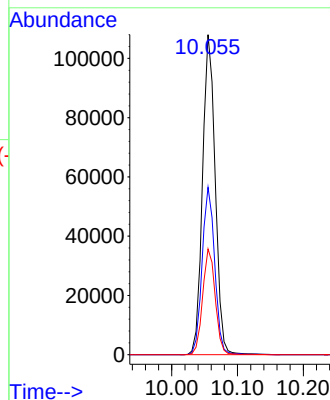
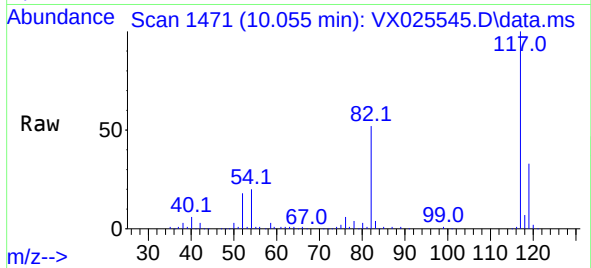




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

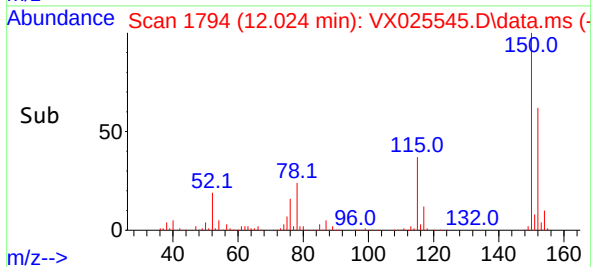
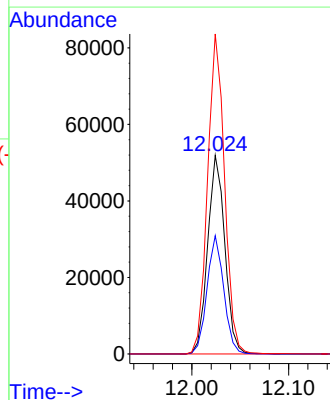
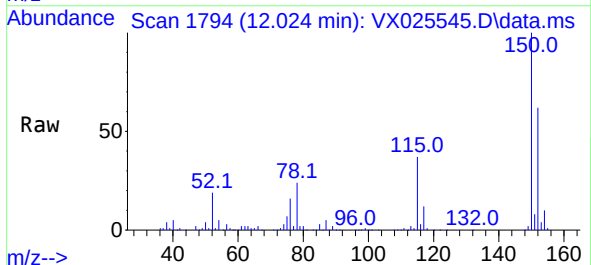
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

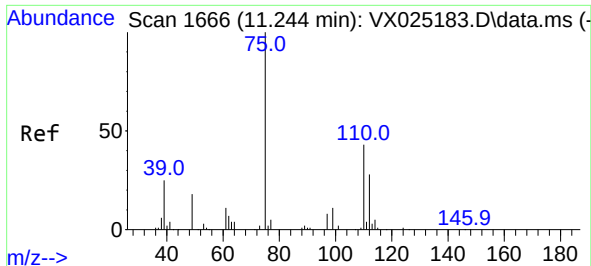
Tgt Ion:117 Resp: 145135
Ion Ratio Lower Upper
117 100
82 52.3 44.6 67.0
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion:152 Resp: 64232
Ion Ratio Lower Upper
152 100
115 58.2 43.3 129.8
150 159.1 0.0 351.2

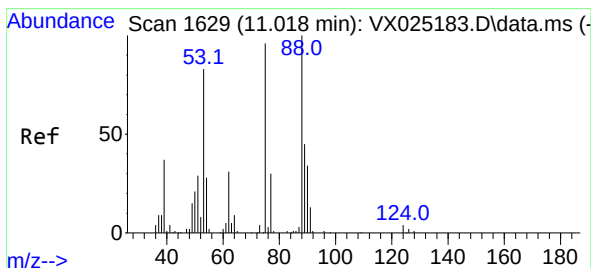
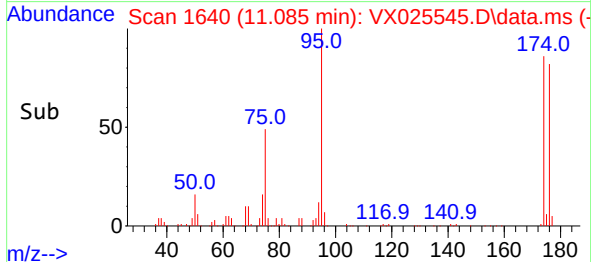
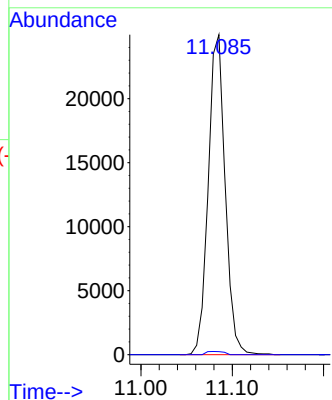
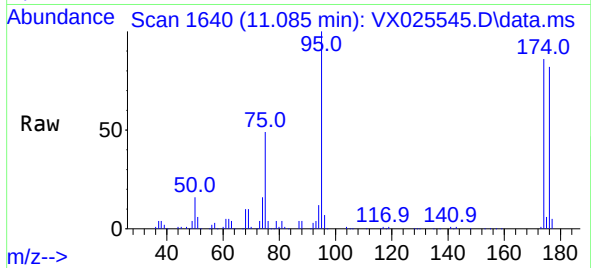




#76
1,2,3-Trichloropropane
Concen: 24.369 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20211201DL

Tgt Ion: 75 Resp: 32054
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.391 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025545.D
Acq: 06 Dec 2021 13:44

Tgt Ion: 75 Resp: 32054
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

