

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025549.D
 Acq On : 06 Dec 2021 15:18
 Operator : JC/MD
 Sample : M4923-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20211130

Quant Time: Dec 07 06:00:16 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)

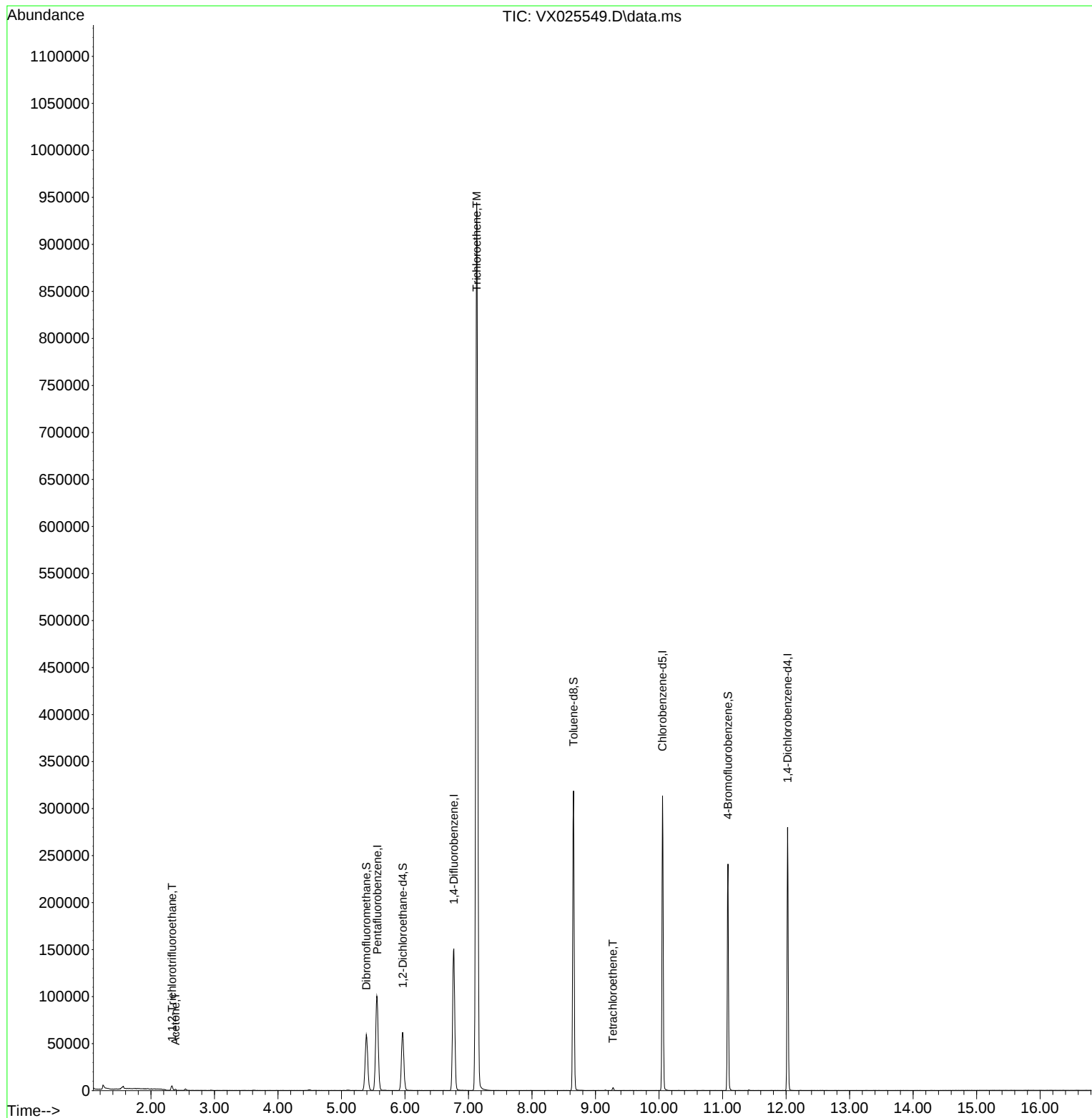
Internal Standards						
1) Pentafluorobenzene	5.562	168	100794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59049	55.579	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.160%
35) Dibromofluoromethane	5.391	113	50566	50.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.653	98	188152	50.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.085	95	62923	44.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1964	2.094	ug/l	94
16) Acetone	2.386	43	1099	1.862	ug/l	92
44) Trichloroethene	7.129	130	377762	302.981	ug/l	97
64) Tetrachloroethene	9.275	164	549	0.464	ug/l #	93

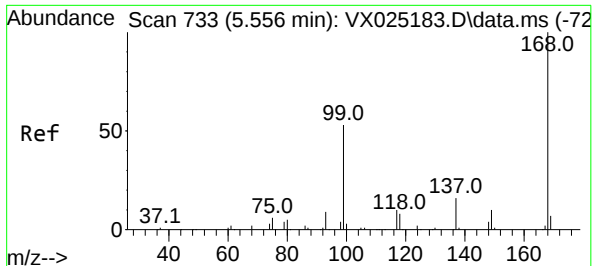
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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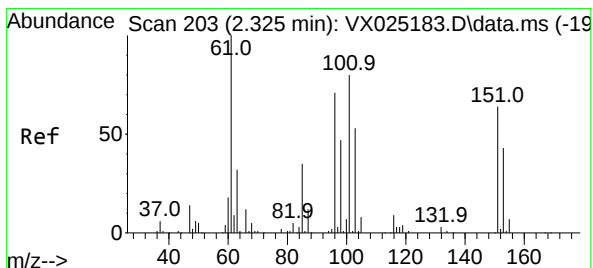
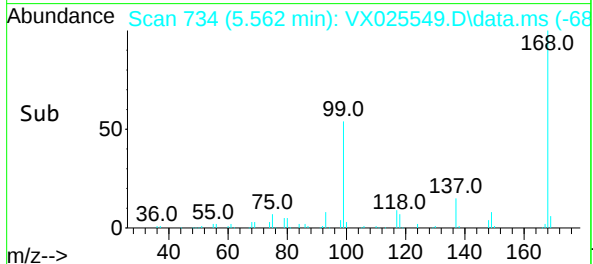
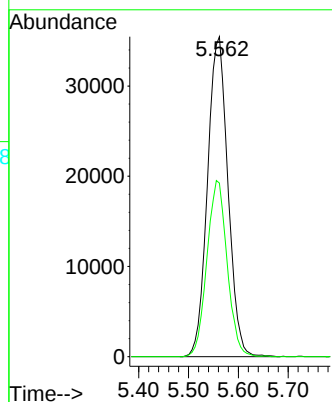
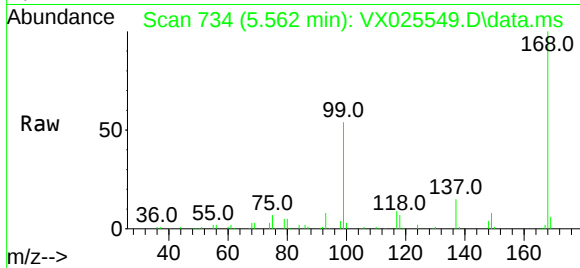




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

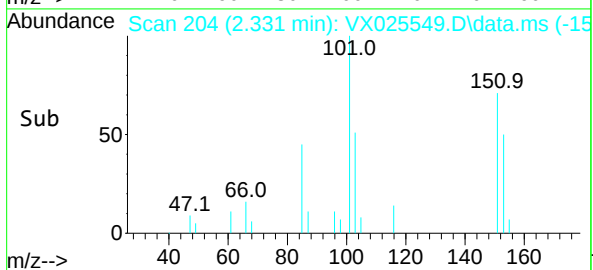
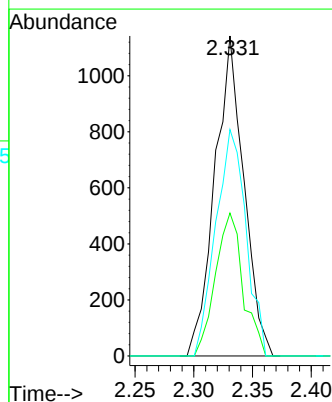
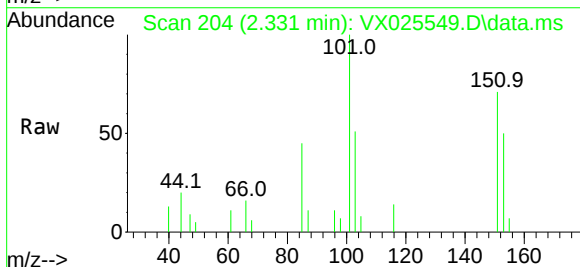
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20211130

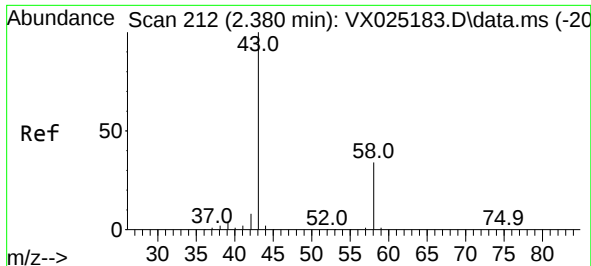
Tgt Ion:168 Resp: 100794
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.094 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion:101 Resp: 1964
Ion Ratio Lower Upper
101 100
85 42.4 35.9 53.9
151 73.6 64.4 96.6

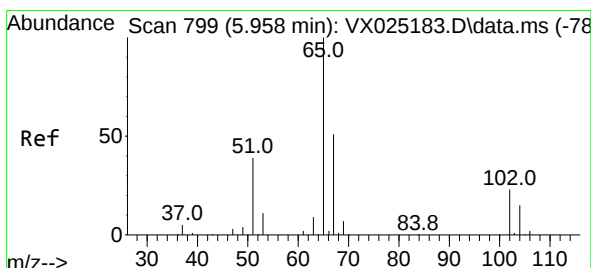
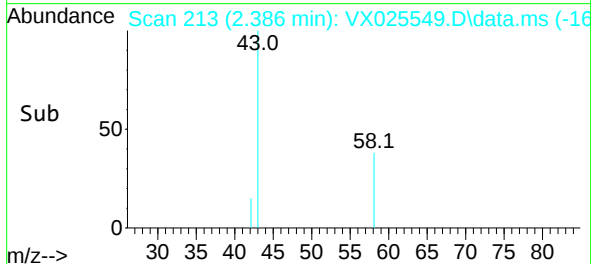
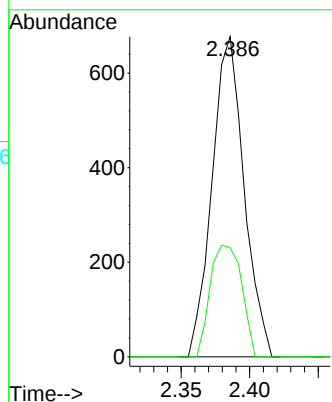
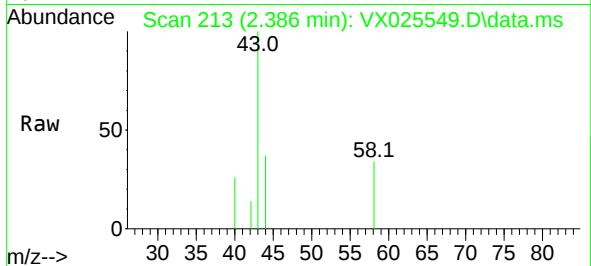




#16
Acetone
Concen: 1.862 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

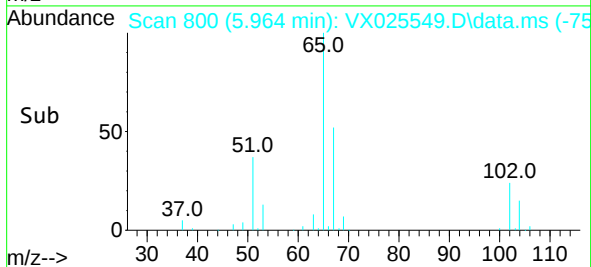
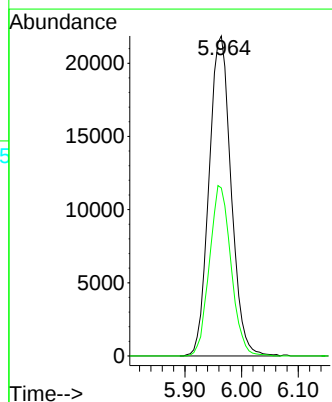
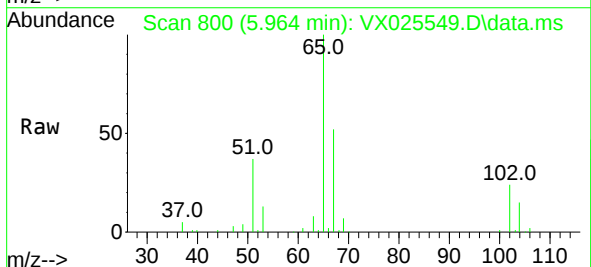
Instrument :
MSVOA_X
ClientSampleId :
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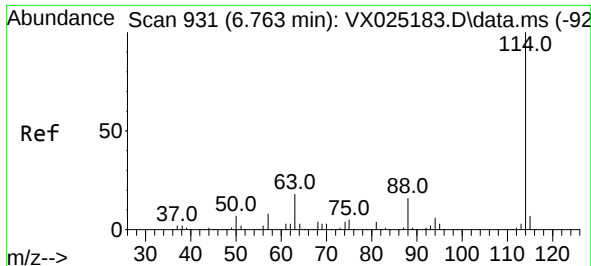
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 34.1 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 55.579 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion: 65 Resp: 59049
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.0

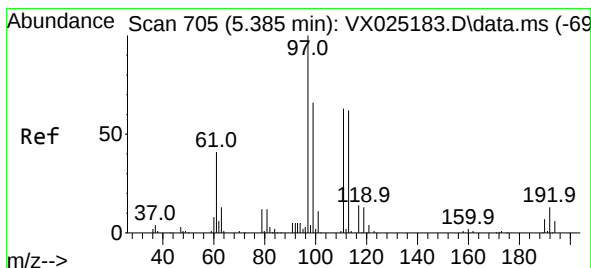
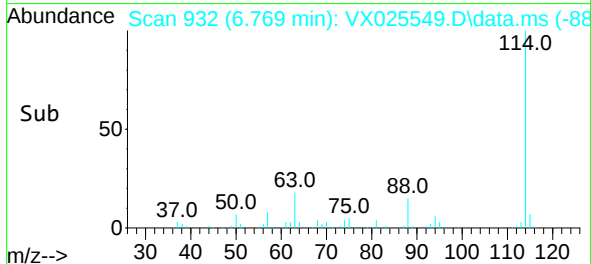
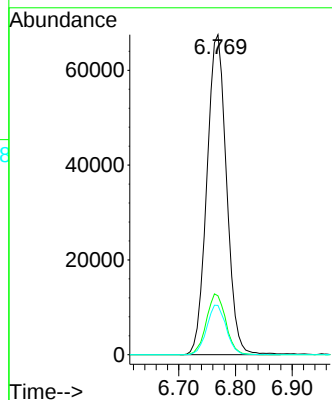
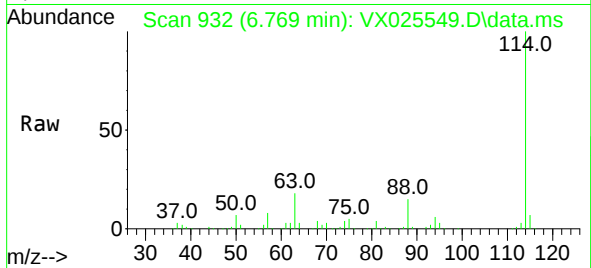




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

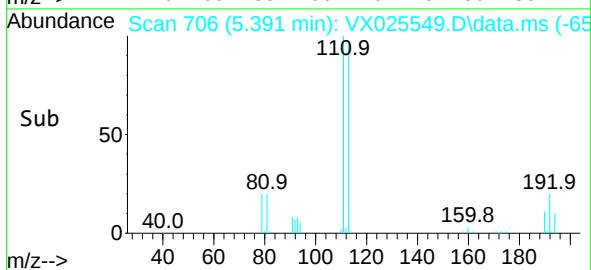
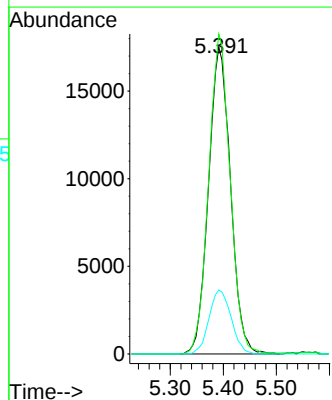
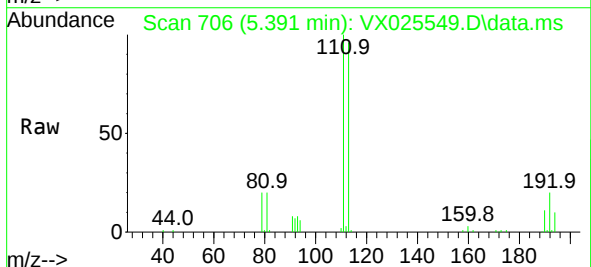
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20211130

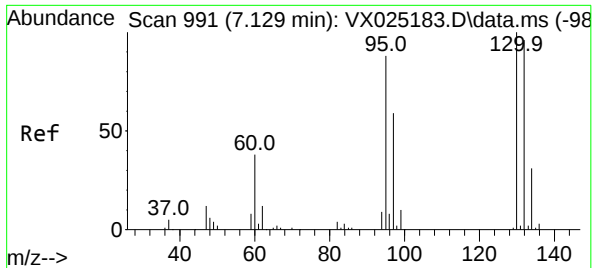
Tgt Ion:114 Resp: 162394
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion:113 Resp: 50566
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 20.8 15.6 23.4

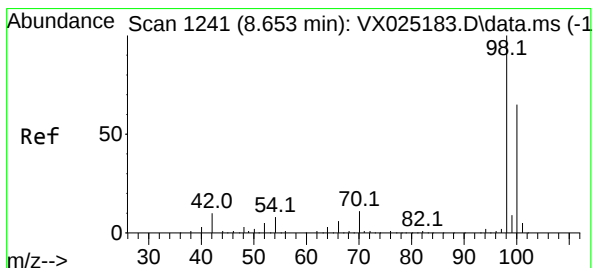
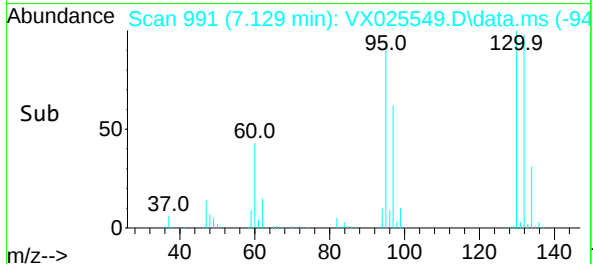
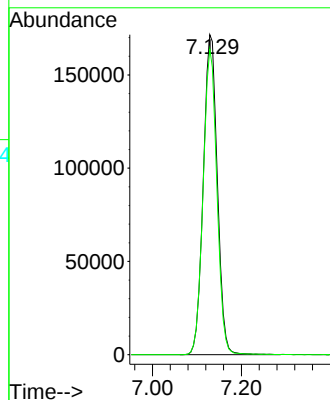
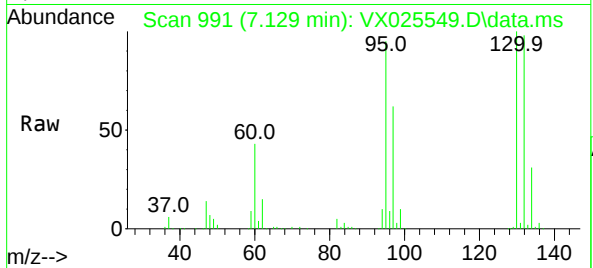




#44
Trichloroethene
Concen: 302.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

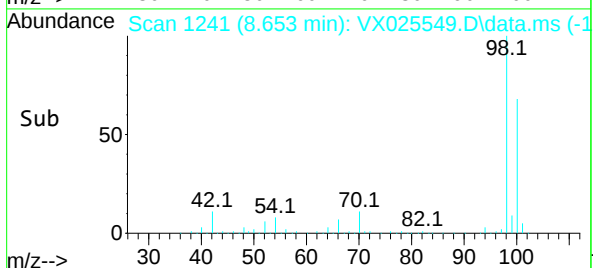
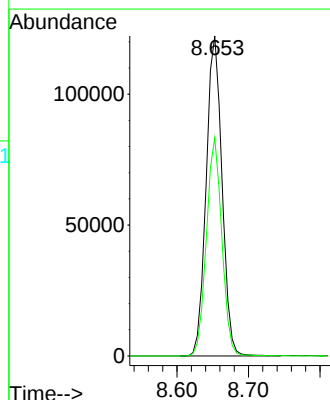
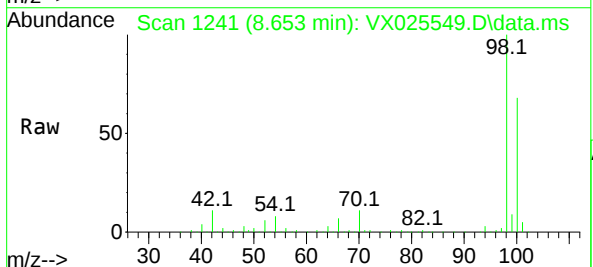
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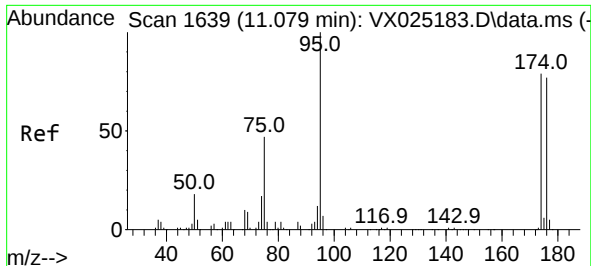
Tgt Ion:130 Resp: 377762
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.8



#50
Toluene-d8
Concen: 50.223 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion: 98 Resp: 188152
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

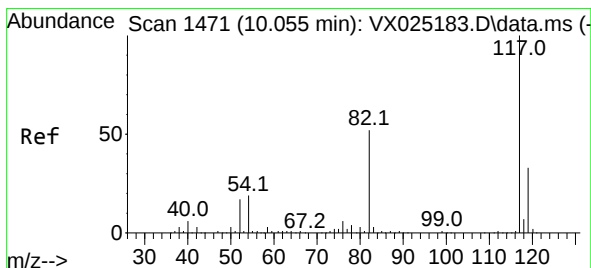
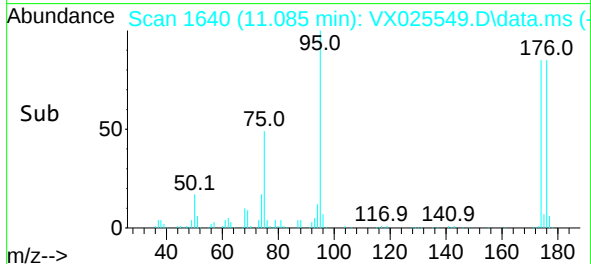
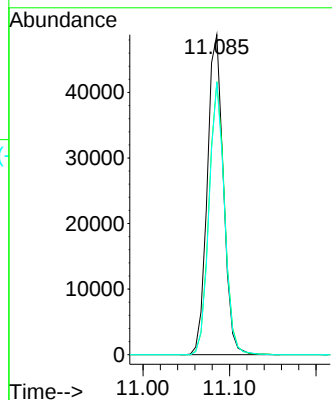
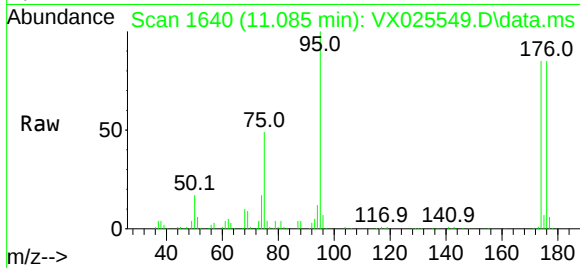




#62
4-Bromofluorobenzene
Concen: 44.397 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

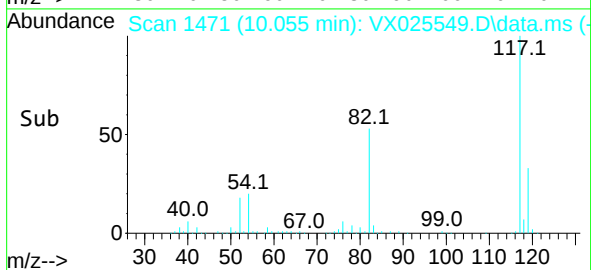
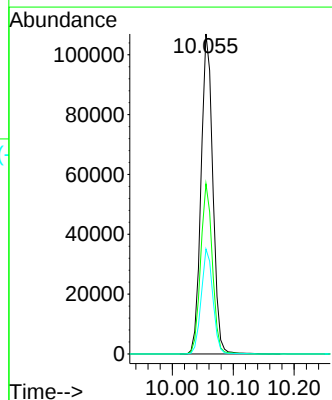
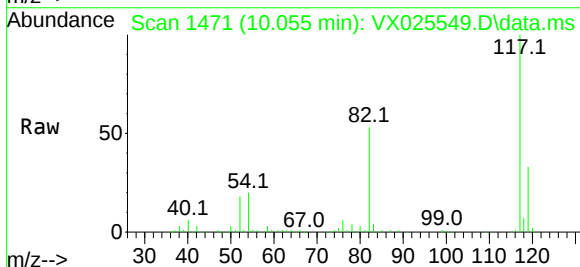
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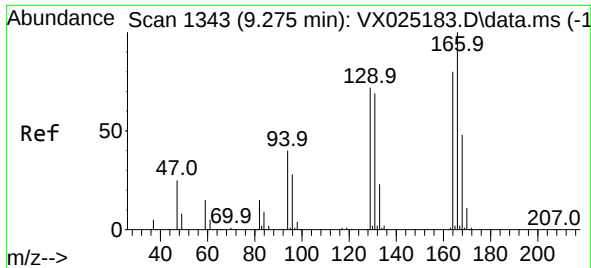
Tgt Ion: 95 Resp: 62923
Ion Ratio Lower Upper
95 100
174 82.9 0.0 158.0
176 81.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion: 117 Resp: 143442
Ion Ratio Lower Upper
117 100
82 53.2 44.6 67.0
119 32.8 24.8 37.2

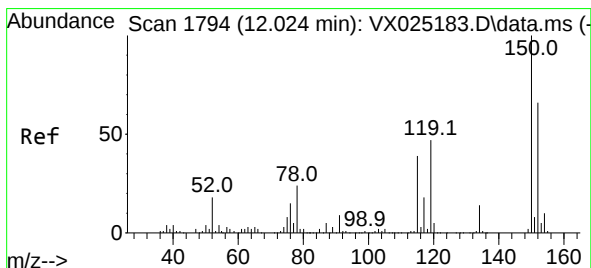
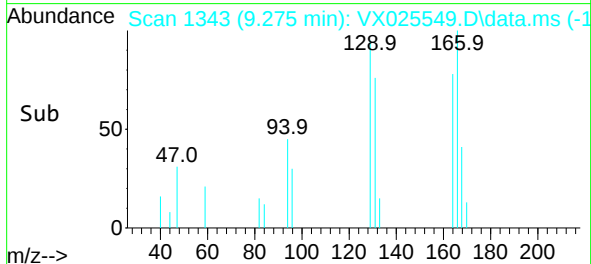
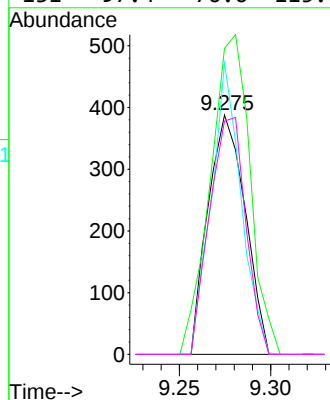
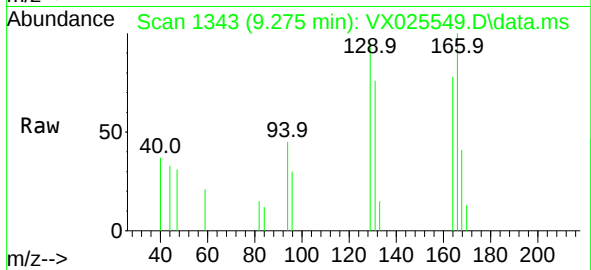




#64
Tetrachloroethene
Concen: 0.464 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Instrument :
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Tgt Ion:164	Resp:	549
Ion	Ratio	Lower Upper
164	100	
166	127.8	103.2 154.8
129	121.6	81.0 121.4#
131	97.4	76.6 115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025549.D
Acq: 06 Dec 2021 15:18

Tgt Ion:152	Resp:	59736
Ion	Ratio	Lower Upper
152	100	
115	59.0	43.3 129.8
150	159.7	0.0 351.2

