

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027569.D
 Acq On : 19 Mar 2022 18:43
 Operator : JC/MD
 Sample : N2000-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D1-20220316

Quant Time: Mar 21 01:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

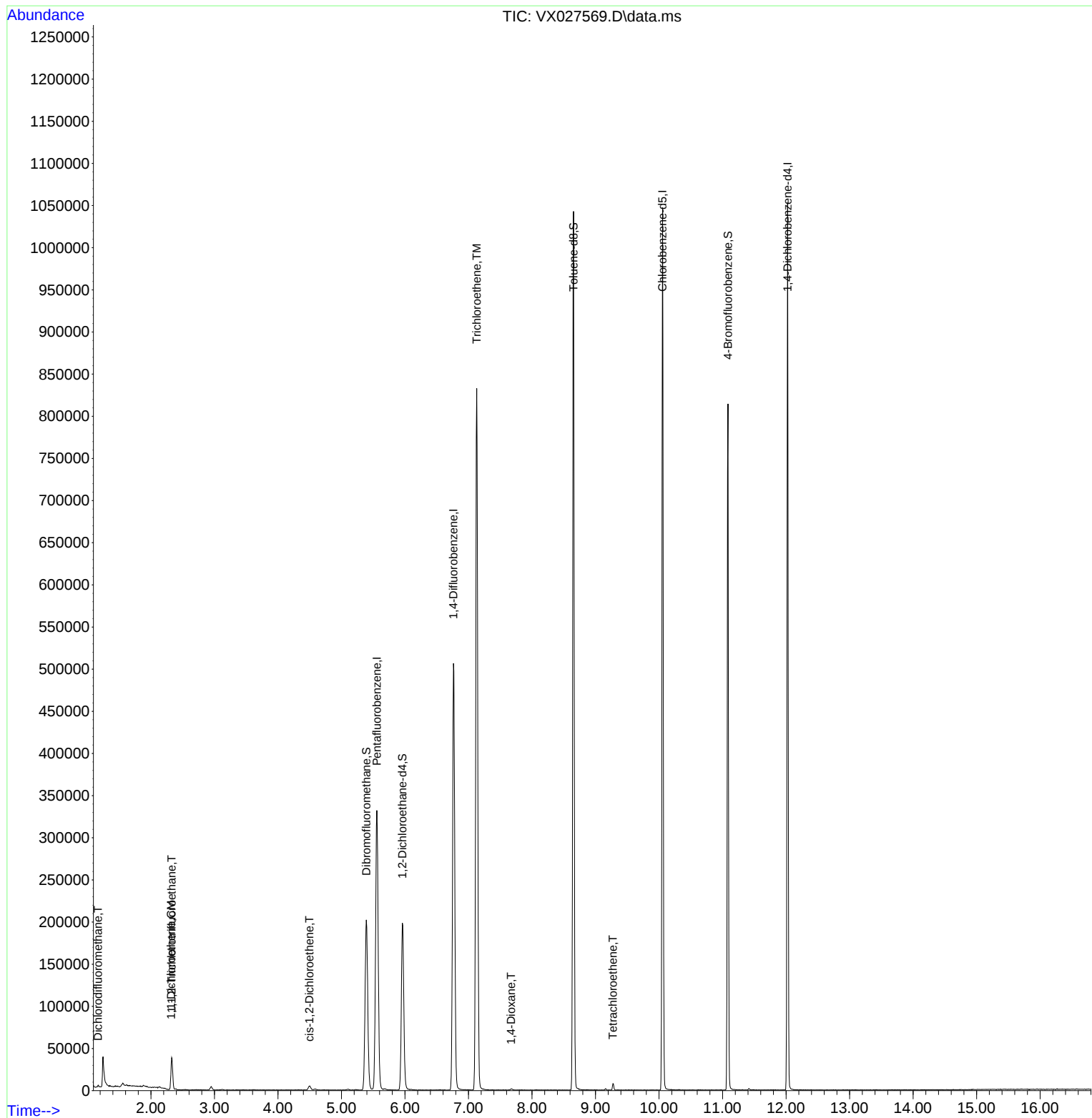
Internal Standards						
1) Pentafluorobenzene	5.556	168	329754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194005	47.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.52%
35) Dibromofluoromethane	5.391	113	178987	50.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.50%
50) Toluene-d8	8.653	98	634047	47.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.02%
62) 4-Bromofluorobenzene	11.085	95	220520	44.95	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.90%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1159	0.37	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	13333	4.18	ug/l	89
12) 1,1-Dichloroethene	2.319	96	2192	0.72	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3235	0.85	ug/l	93
44) Trichloroethene	7.129	130	346535	82.56	ug/l	99
49) 1,4-Dioxane	7.671	88	1273	12.96	ug/l	91
64) Tetrachloroethene	9.275	164	1458	0.39	ug/l	96

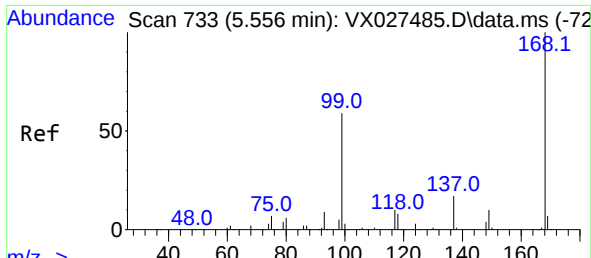
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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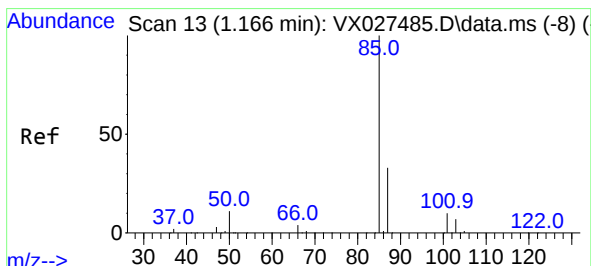
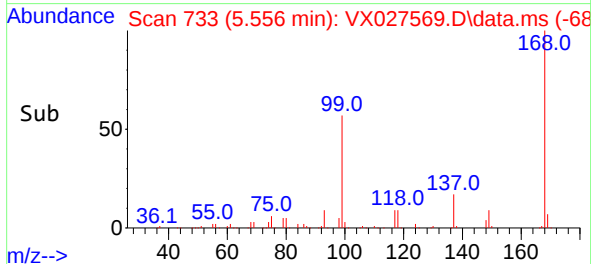
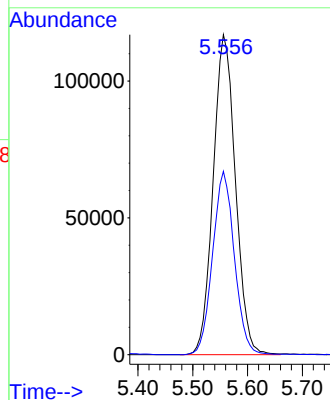
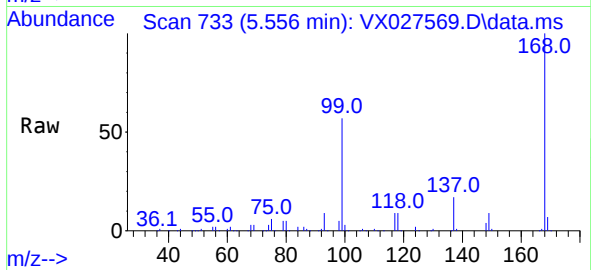




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

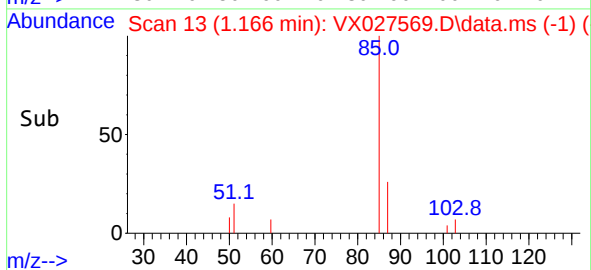
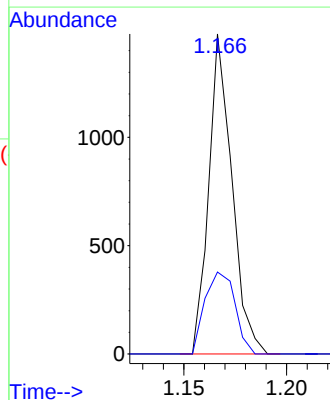
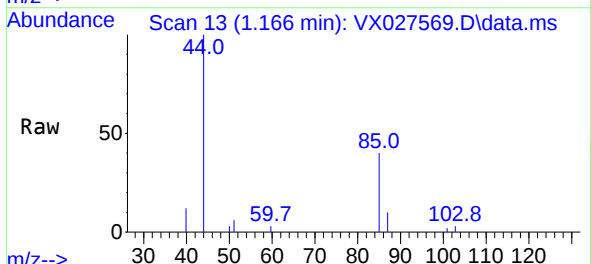
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

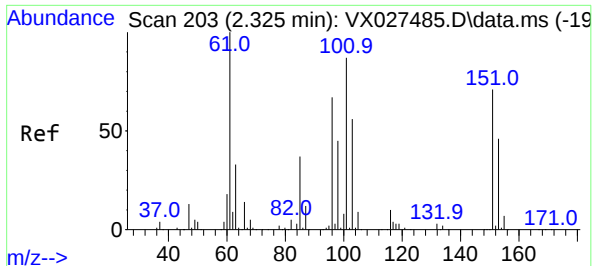
Tgt Ion:168 Resp: 329754
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 85 Resp: 1159
Ion Ratio Lower Upper
85 100
87 25.6 16.2 48.6

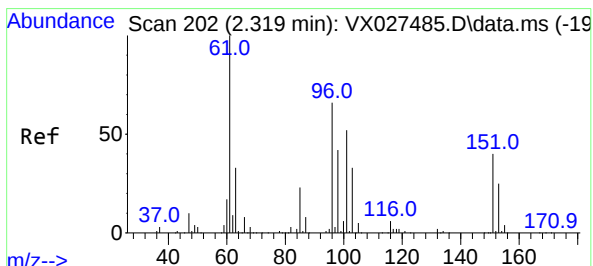
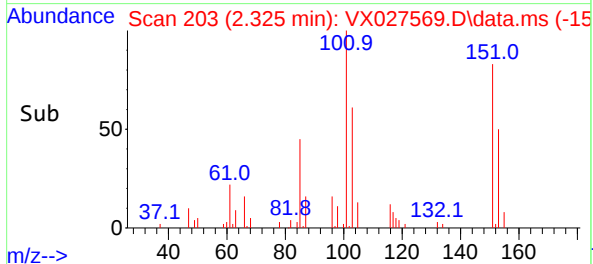
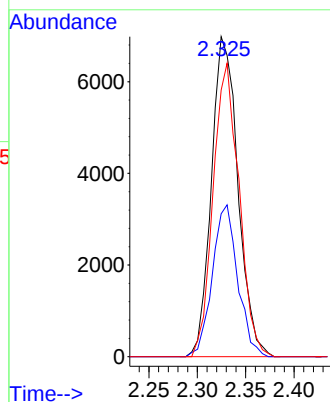
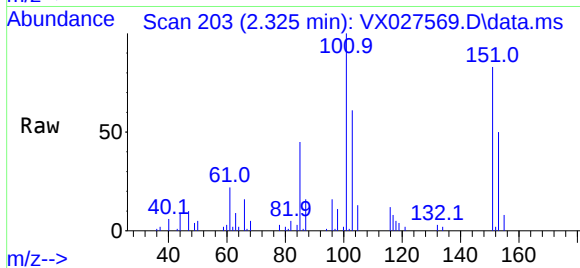




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.18 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

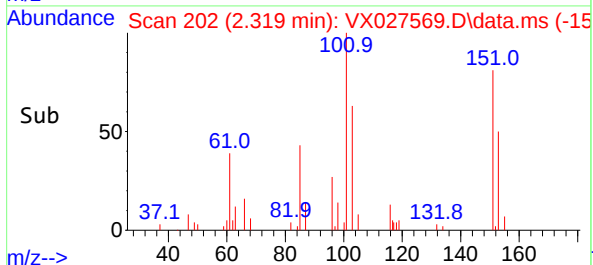
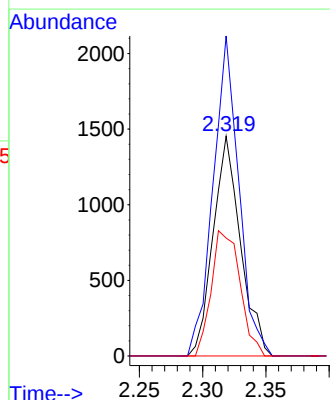
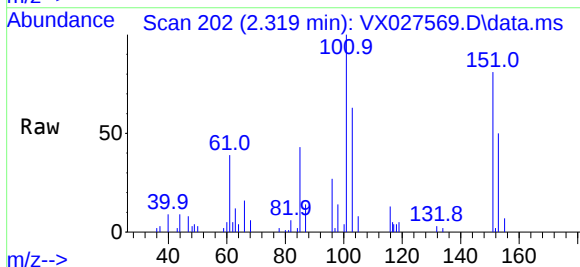
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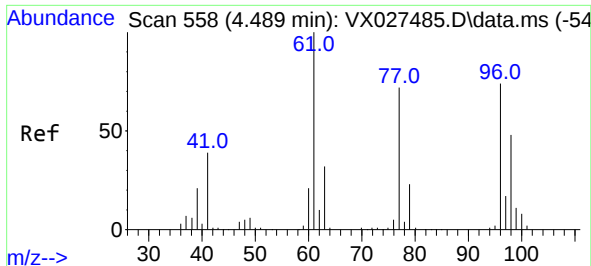
Tgt Ion:101 Resp: 13333
Ion Ratio Lower Upper
101 100
85 45.3 33.5 50.3
151 89.4 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.72 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 96 Resp: 2192
Ion Ratio Lower Upper
96 100
61 145.6 124.6 187.0
98 53.7 51.0 76.4

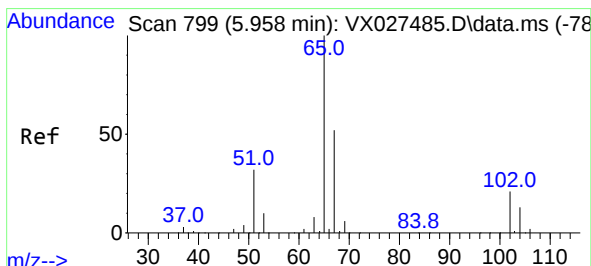
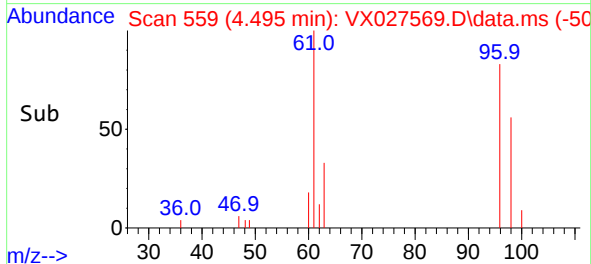
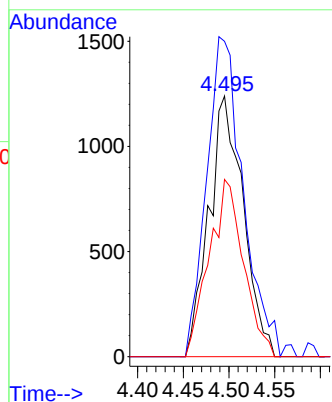
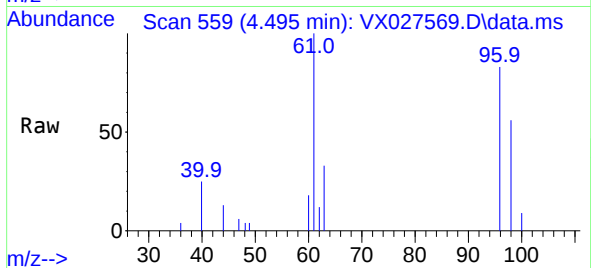




#27
cis-1,2-Dichloroethene
Concen: 0.85 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

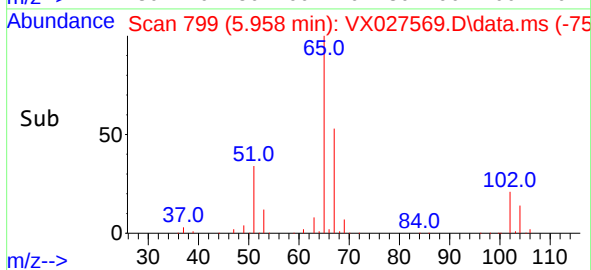
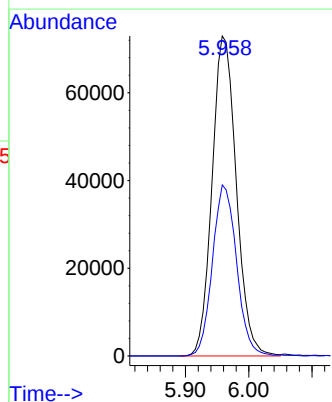
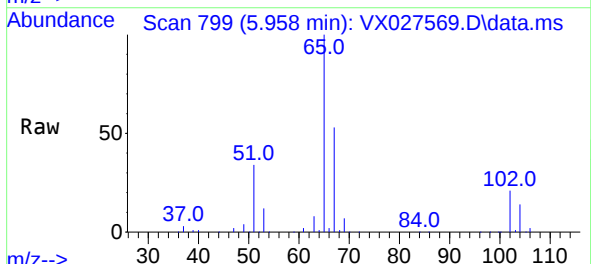
Instrument :
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ClientSampleId :
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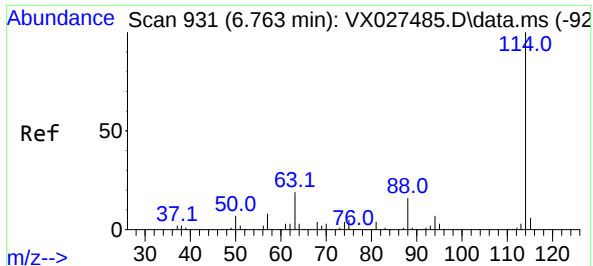
Tgt Ion: 96 Resp: 3235
Ion Ratio Lower Upper
96 100
61 131.7 0.0 283.8
98 68.1 0.0 129.8



#33
1,2-Dichloroethane-d4
Concen: 47.76 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 65 Resp: 194005
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4

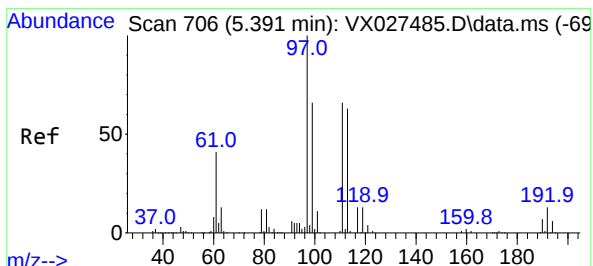
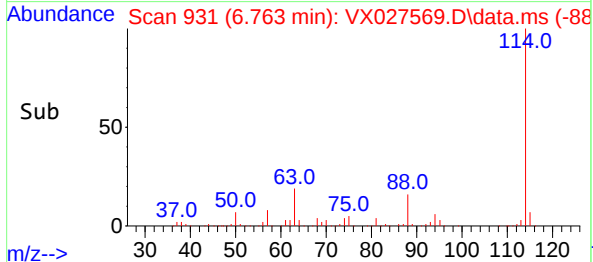
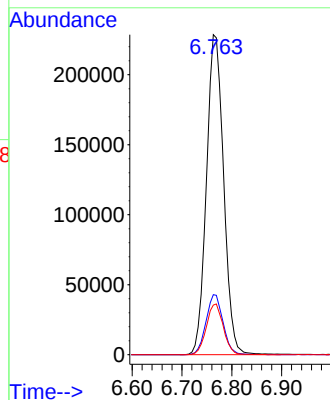
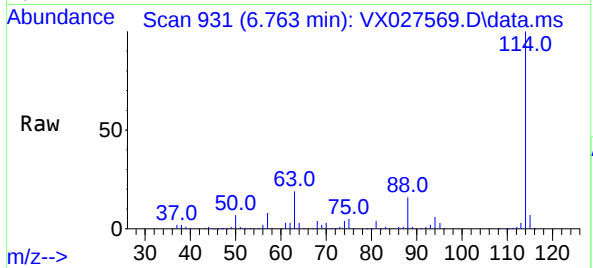




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

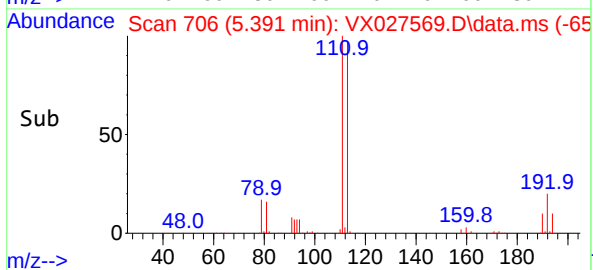
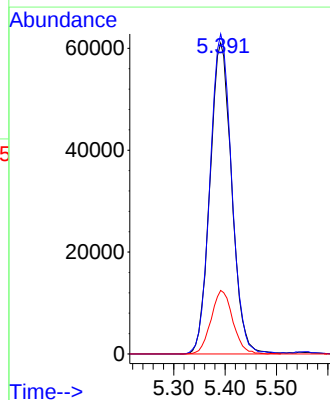
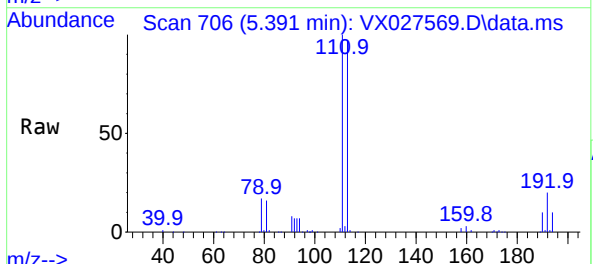
Instrument :
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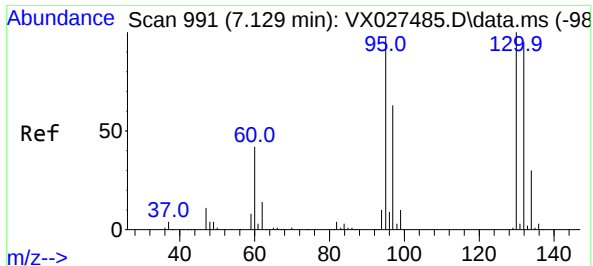
Tgt Ion:114 Resp: 548192
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion:113 Resp: 178987
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.4 16.9 25.3

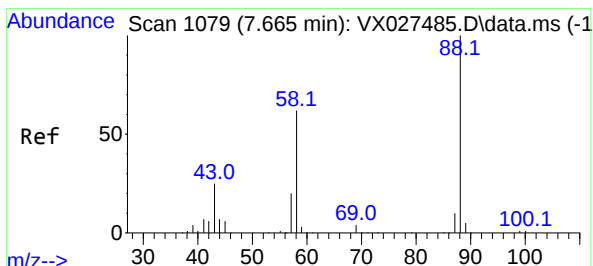
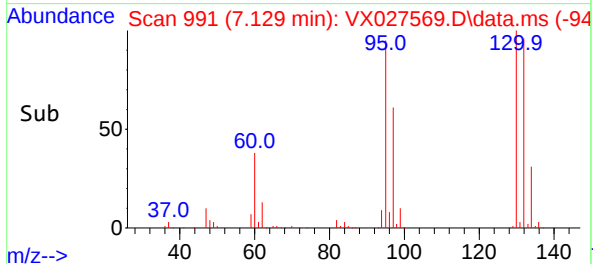
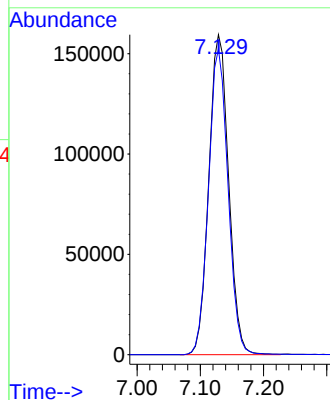
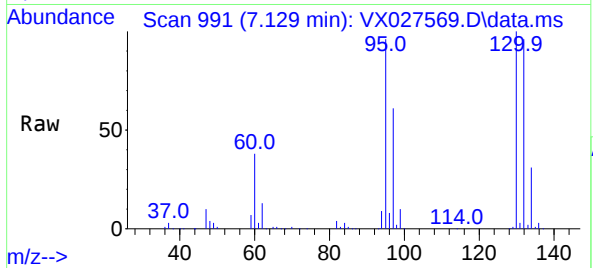




#44
Trichloroethene
Concen: 82.56 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

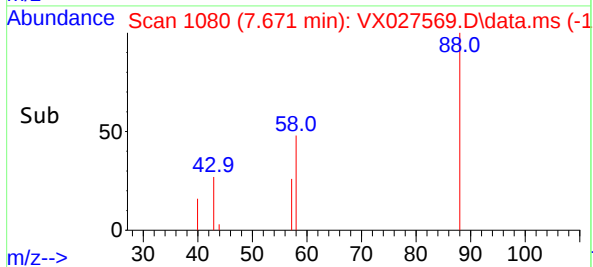
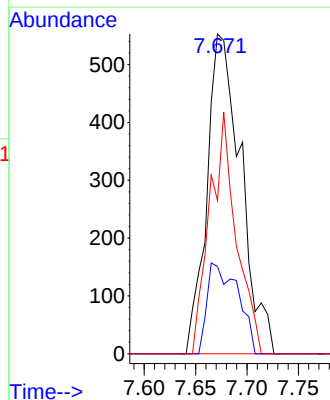
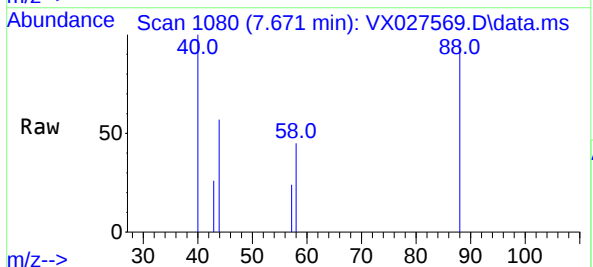
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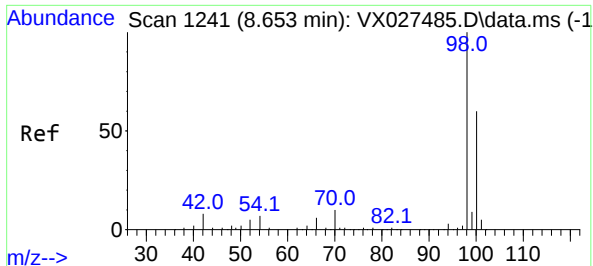
Tgt Ion:130 Resp: 346535
Ion Ratio Lower Upper
130 100
95 95.5 0.0 188.8



#49
1,4-Dioxane
Concen: 12.96 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 88 Resp: 1273
Ion Ratio Lower Upper
88 100
43 25.5 21.9 32.9
58 58.7 53.7 80.5

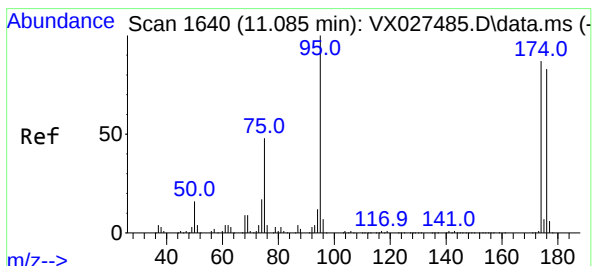
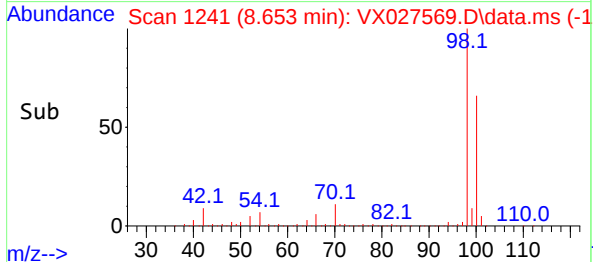
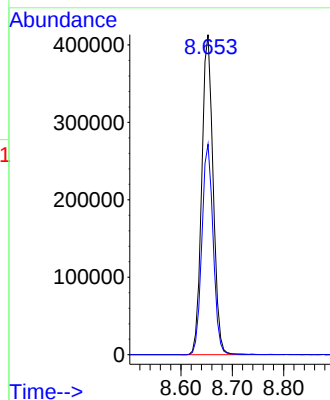
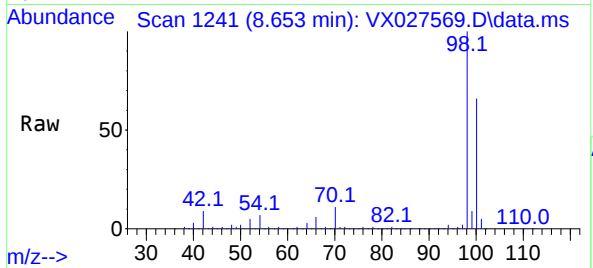




#50
Toluene-d8
Concen: 47.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

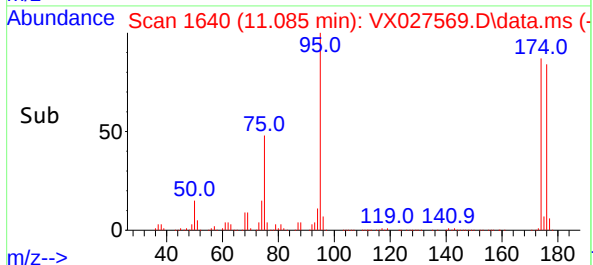
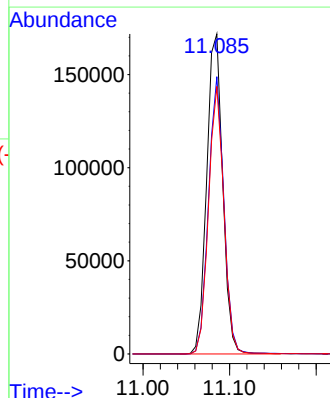
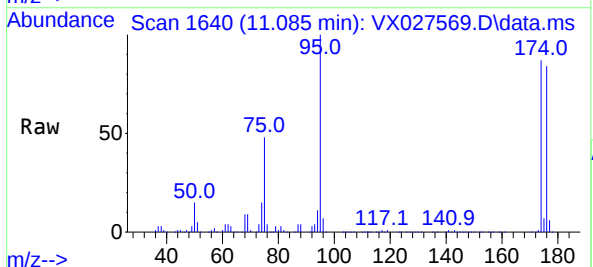
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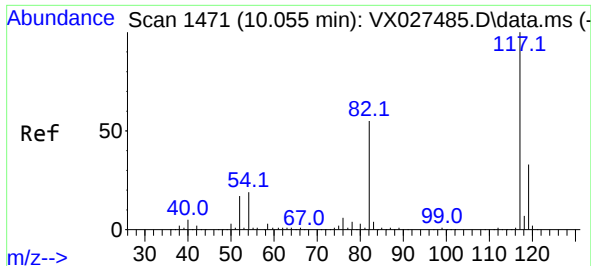
Tgt Ion: 98 Resp: 634047
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 95 Resp: 220520
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.4 0.0 155.0

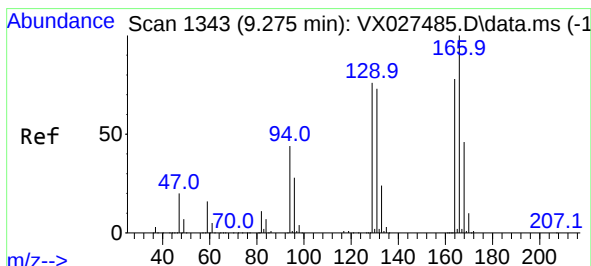
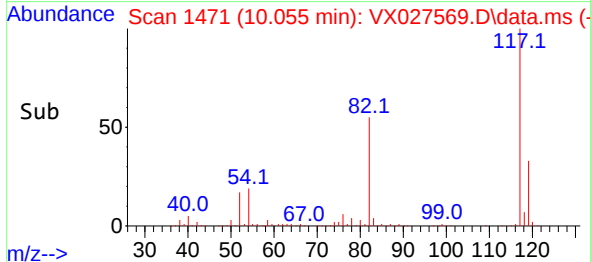
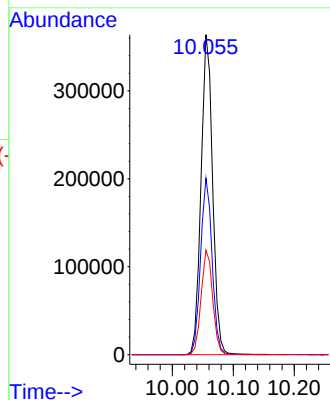
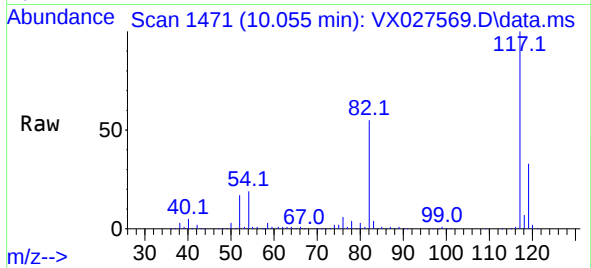




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

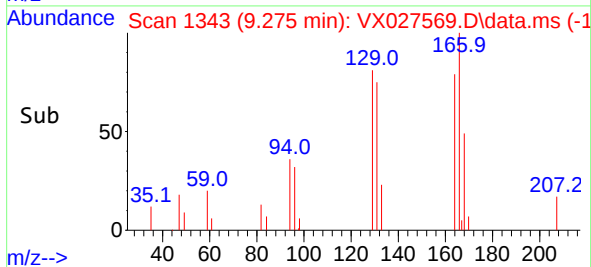
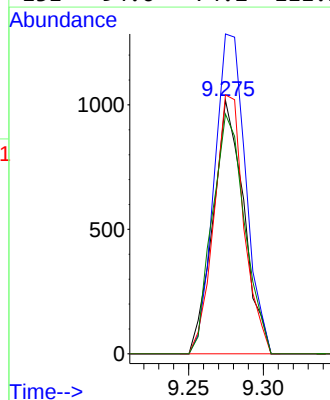
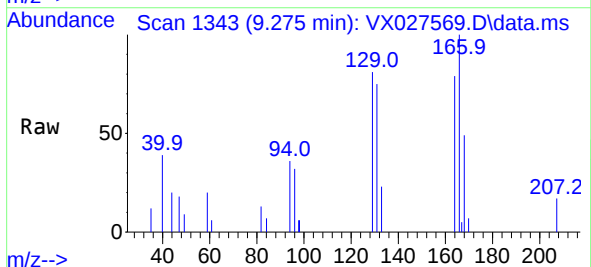
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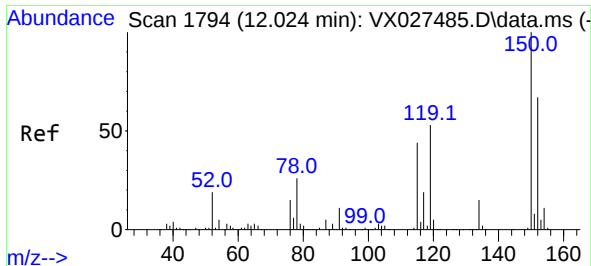
Tgt Ion:117 Resp: 481574
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.7 24.8 37.2



#64
Tetrachloroethene
Concen: 0.39 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

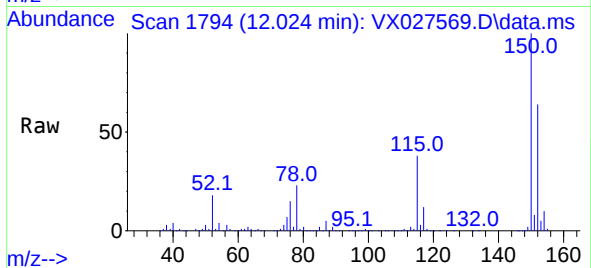
Tgt Ion:164 Resp: 1458
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 102.2 73.0 109.4
131 94.6 74.2 111.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027569.D
 Acq: 19 Mar 2022 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D1-20220316



Tgt Ion:152 Resp: 220614
 Ion Ratio Lower Upper
 152 100
 115 58.8 37.5 112.7
 150 156.6 0.0 338.2

