

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035545.D
 Acq On : 05 May 2023 18:44
 Operator : JC/MD
 Sample : 02643-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023

Quant Time: May 08 00:53:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

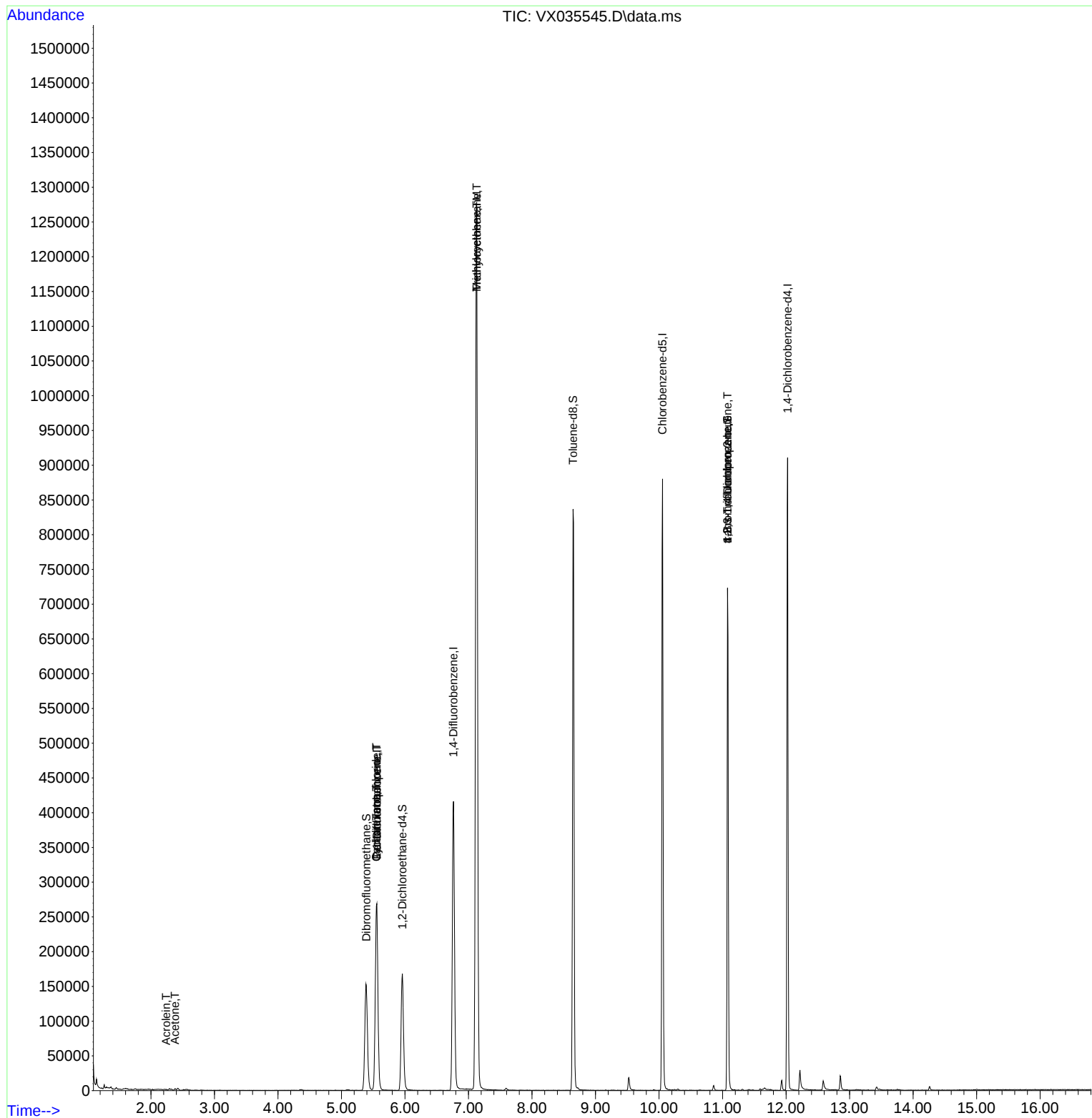
Internal Standards						
1) Pentafluorobenzene	5.555	168	263009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161186	50.798	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.600%		
35) Dibromofluoromethane	5.391	113	136271	50.860	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.720%		
50) Toluene-d8	8.646	98	515156	50.969	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.940%		
62) 4-Bromofluorobenzene	11.079	95	200602	52.760	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.520%		
Target Compounds						Qvalue
13) Acrolein	2.239	56	163	0.287	ug/l #	66
16) Acetone	2.379	43	2317	1.681	ug/l	91
31) Cyclohexane	5.549	56	5268	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	19266	4.605	ug/l #	50
38) Carbon Tetrachloride	5.549	117	26602	6.698	ug/l #	15
39) Methylcyclohexane	7.128	83	6138	1.205	ug/l #	1
44) Trichloroethene	7.128	130	523975	158.485	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	97784	24.927	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97784	80.732	ug/l #	8

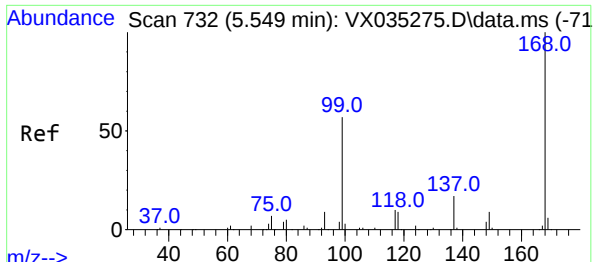
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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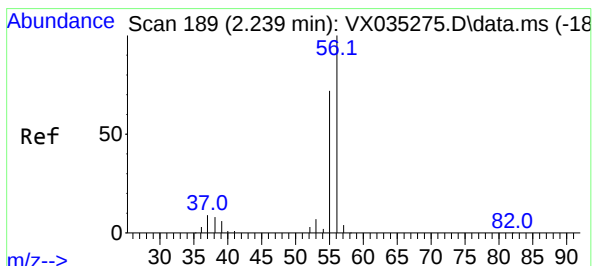
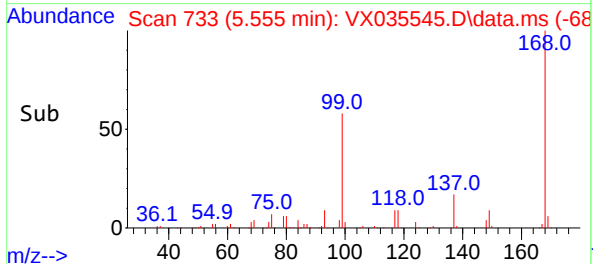
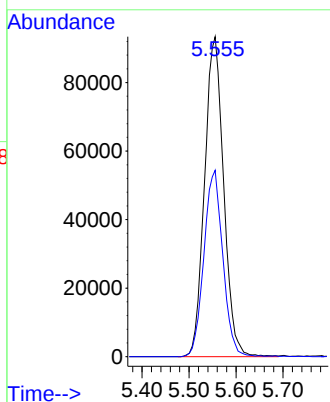
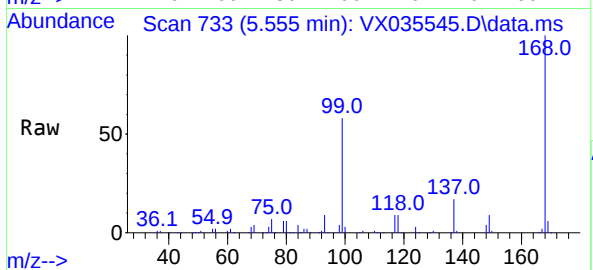




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

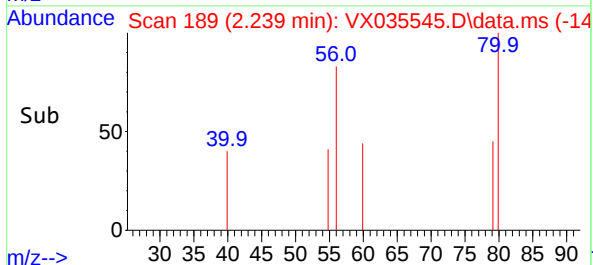
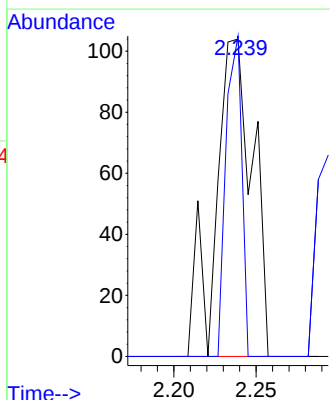
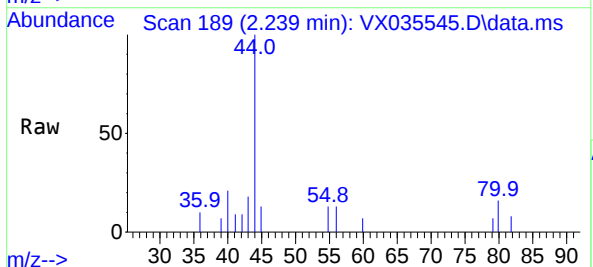
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023

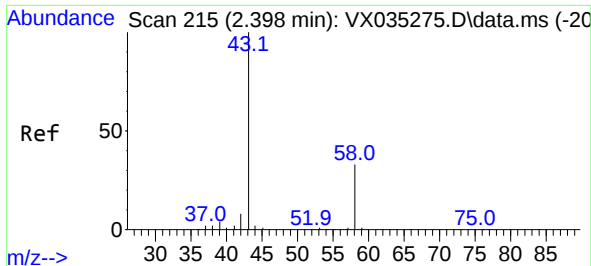
Tgt Ion:168 Resp: 263009
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#13
Acrolein
Concen: 0.287 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 42.9 56.6 85.0#

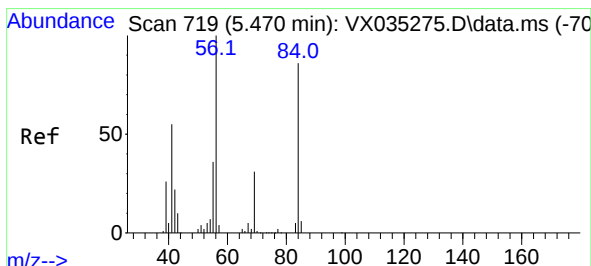
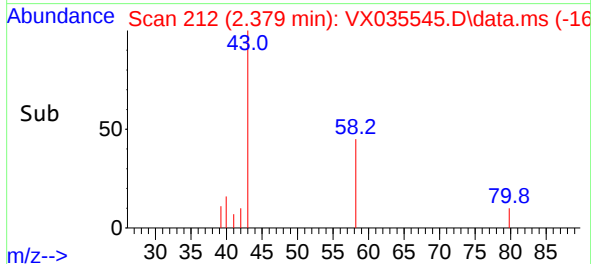
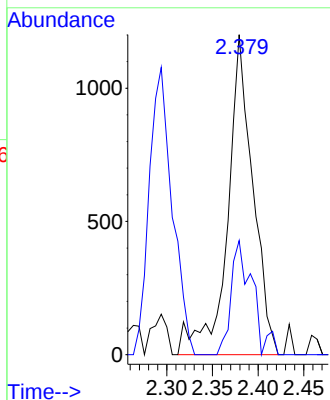
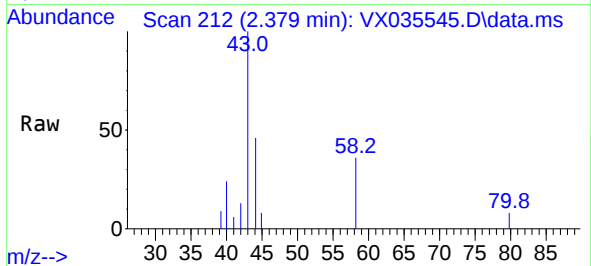




#16
Acetone
Concen: 1.681 ug/l
RT: 2.379 min Scan# 215
Delta R.T. -0.019 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

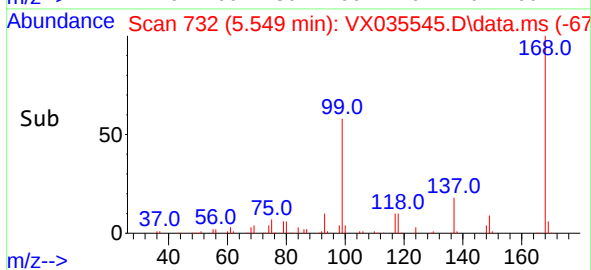
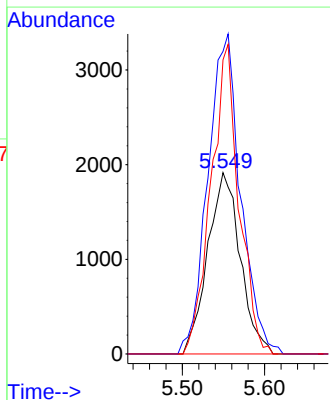
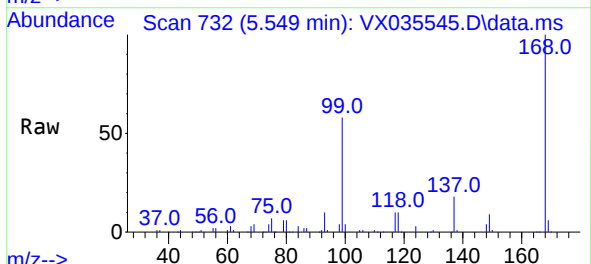
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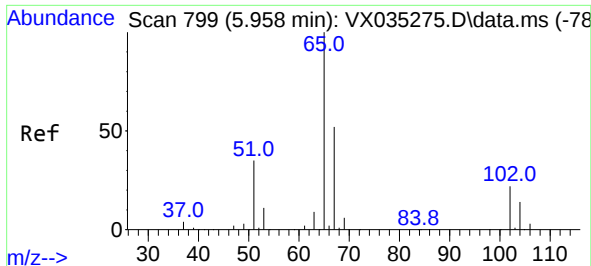
Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 35.6 24.7 37.1



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 166.8 23.7 35.5#
84 162.2 68.5 102.7#

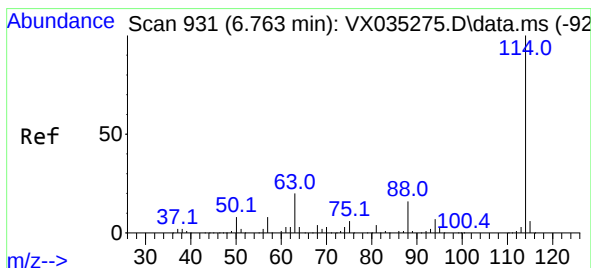
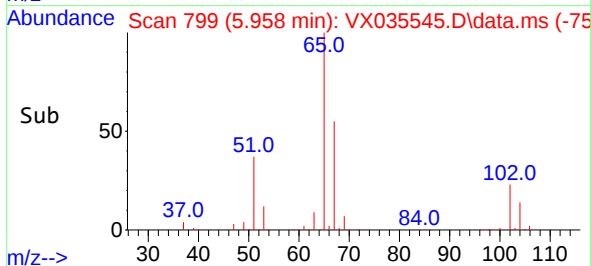
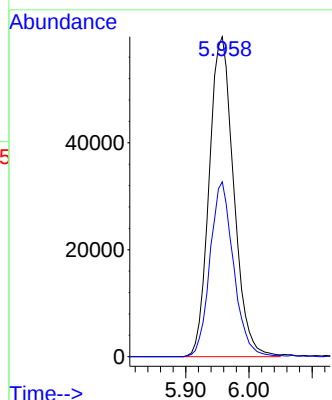
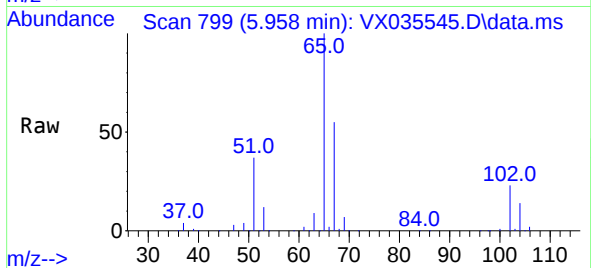




#33
1,2-Dichloroethane-d4
Concen: 50.798 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

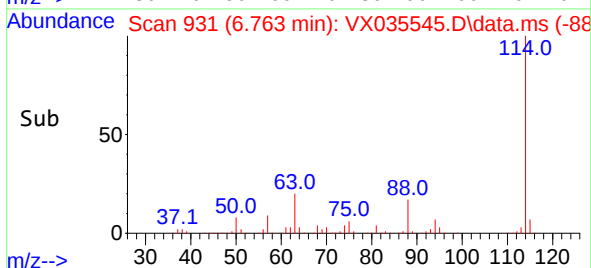
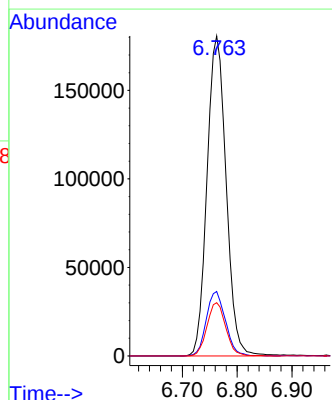
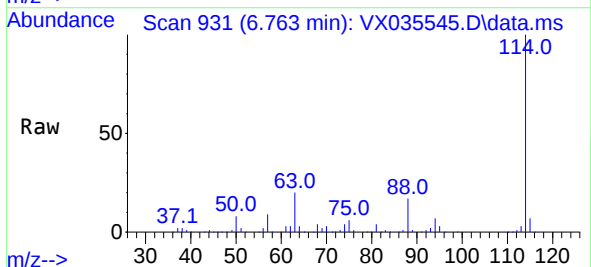
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023

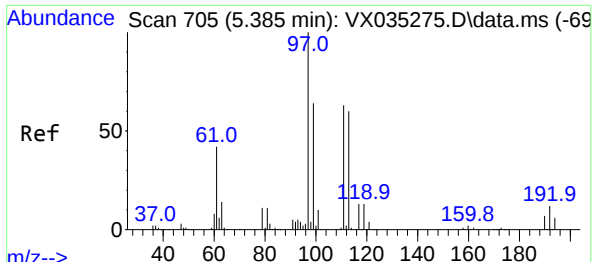
Tgt Ion: 65 Resp: 161186
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 114 Resp: 436535
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 16.6 0.0 33.2

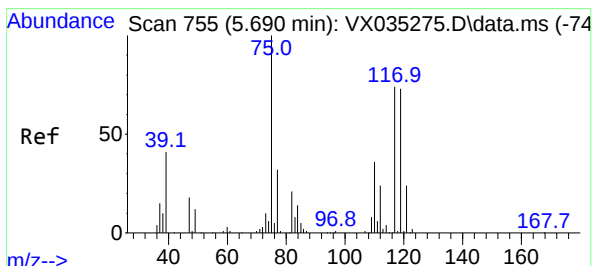
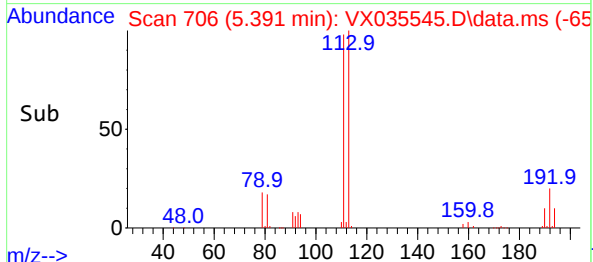
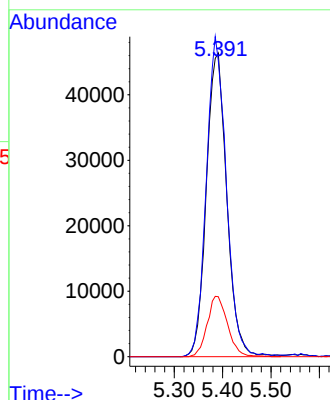
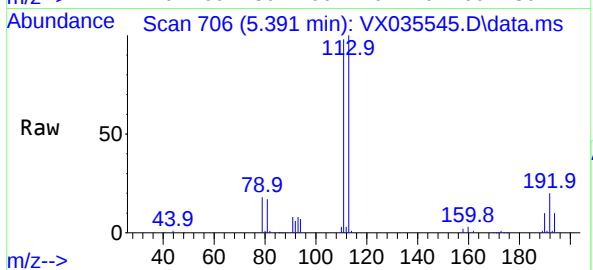




#35
Dibromofluoromethane
Concen: 50.860 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

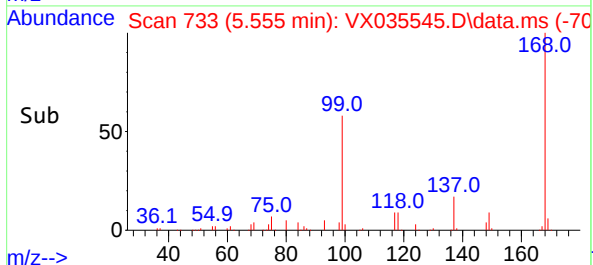
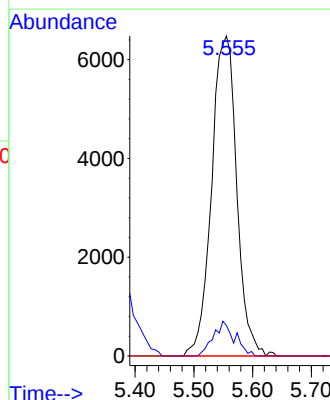
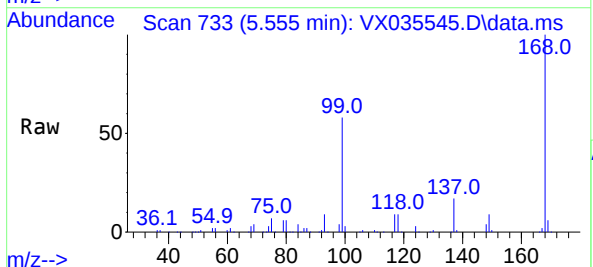
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023

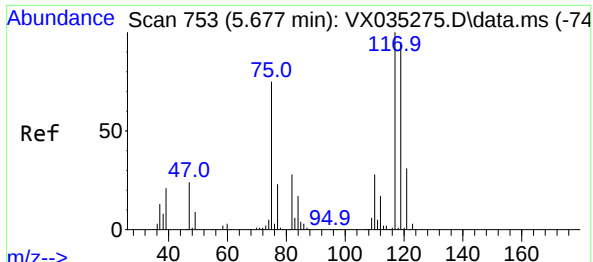
Tgt Ion:113 Resp: 136271
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 19.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

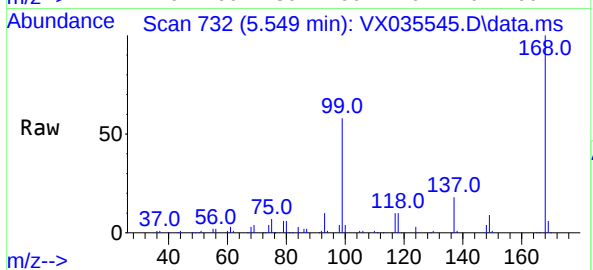
Tgt Ion: 75 Resp: 19266
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



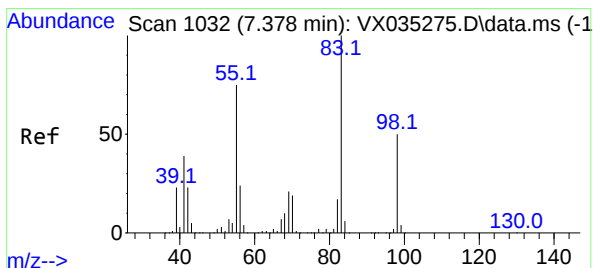
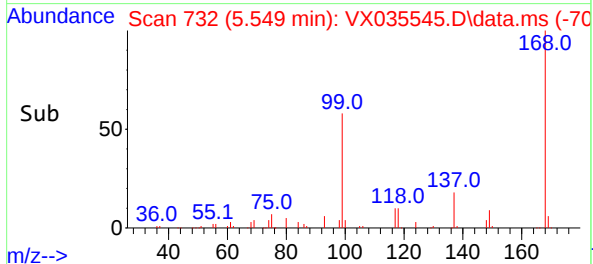
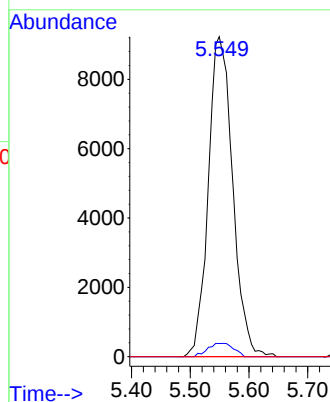


#38
Carbon Tetrachloride
Concen: 6.698 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023

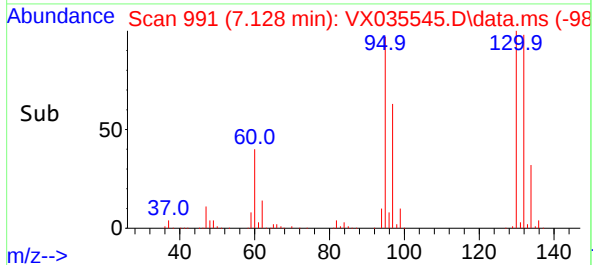
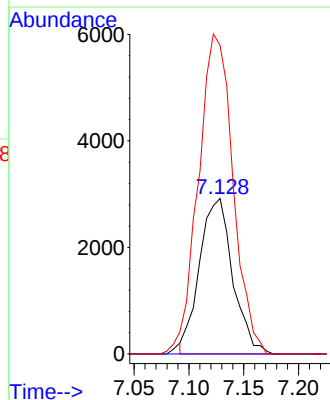
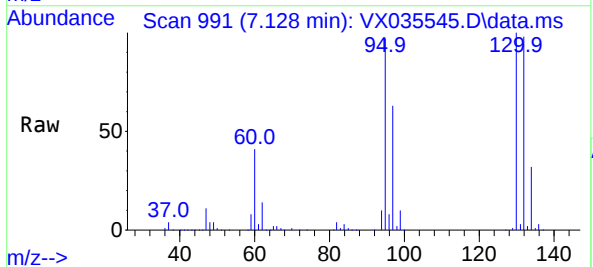


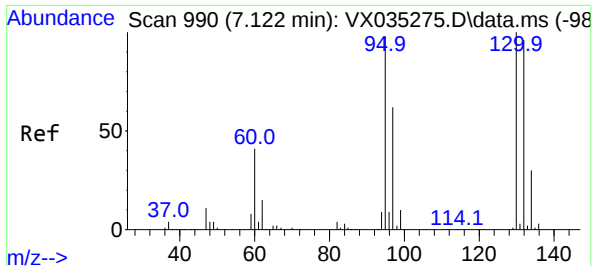
Tgt Ion:117 Resp: 26602
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 1.205 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 83 Resp: 6138
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 198.6 40.4 60.6#

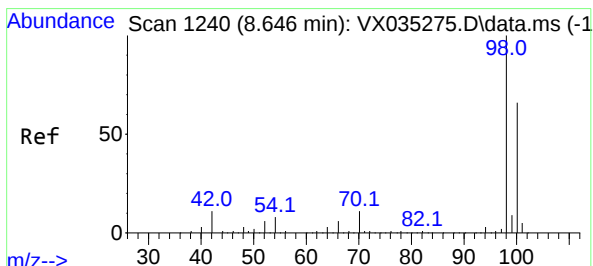
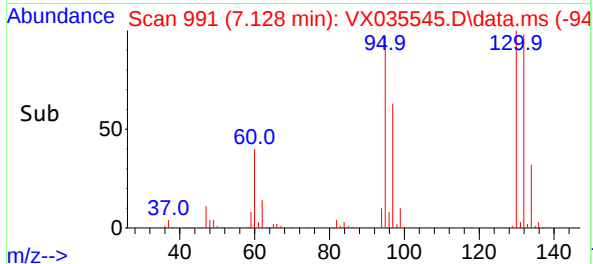
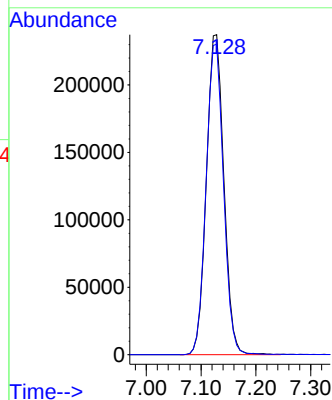
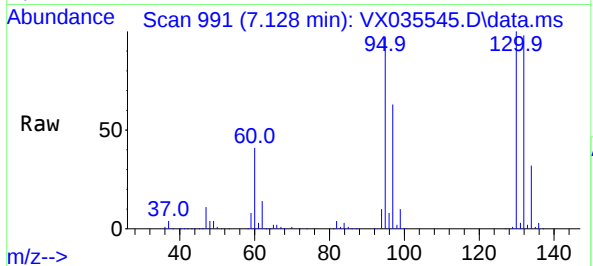




#44
Trichloroethene
Concen: 158.485 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

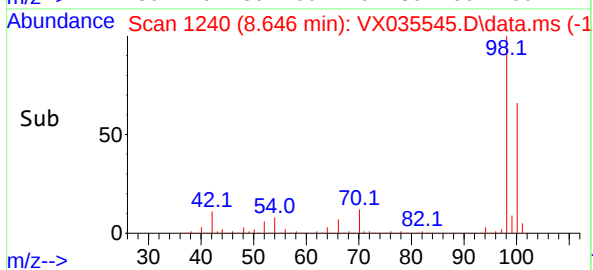
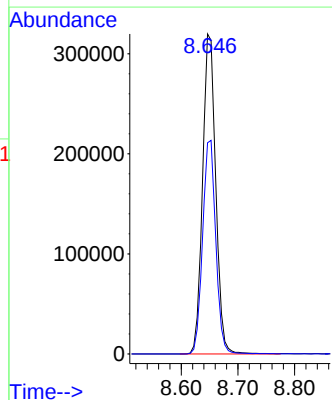
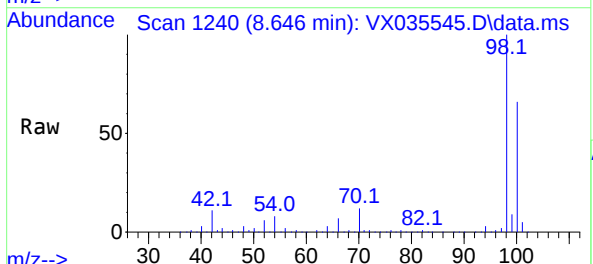
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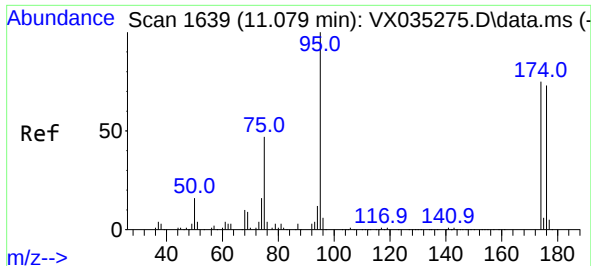
Tgt Ion:130 Resp: 523975
Ion Ratio Lower Upper
130 100
95 97.0 0.0 198.4



#50
Toluene-d8
Concen: 50.969 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 98 Resp: 515156
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

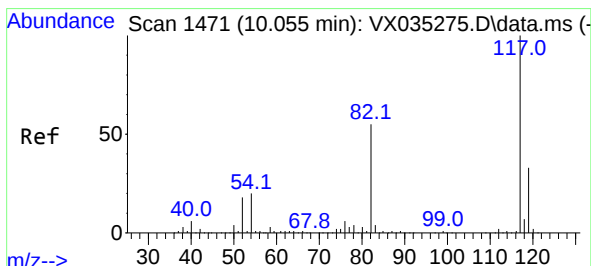
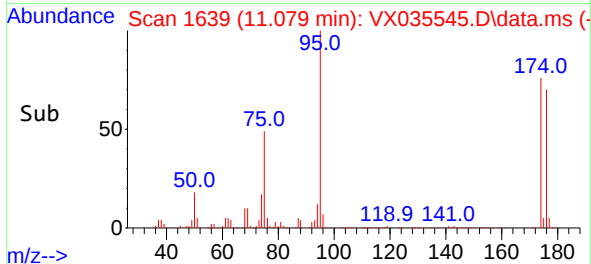
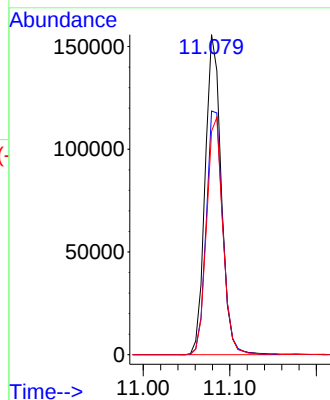
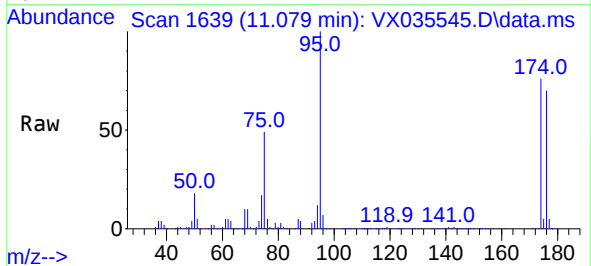




#62
4-Bromofluorobenzene
Concen: 52.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

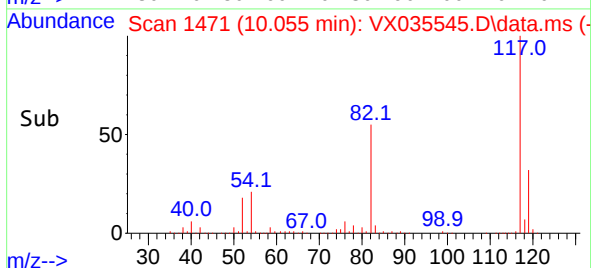
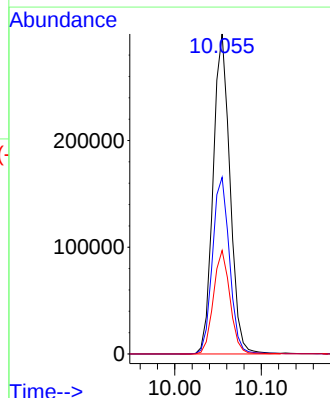
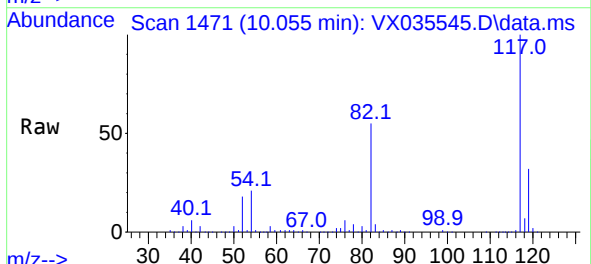
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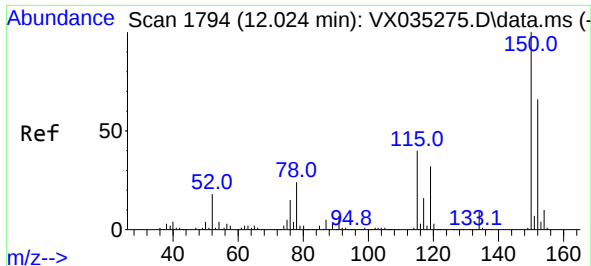
Tgt Ion: 95 Resp: 200602
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 75.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Tgt Ion: 117 Resp: 405442
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.3 26.0 39.0

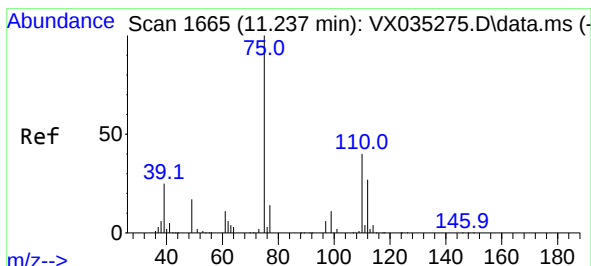
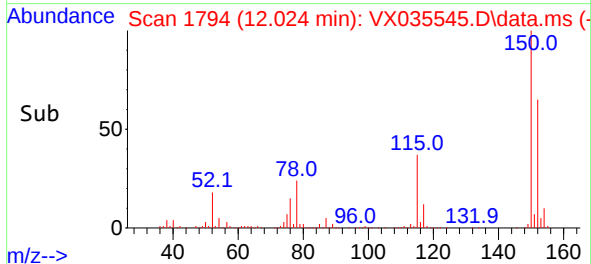
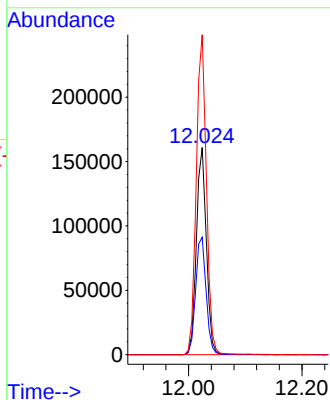
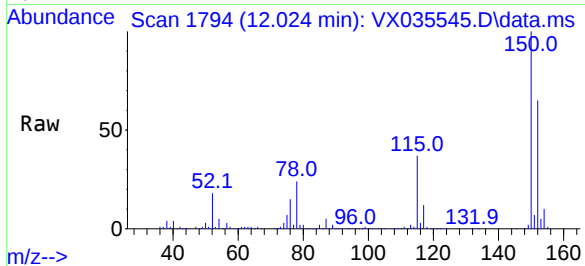




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

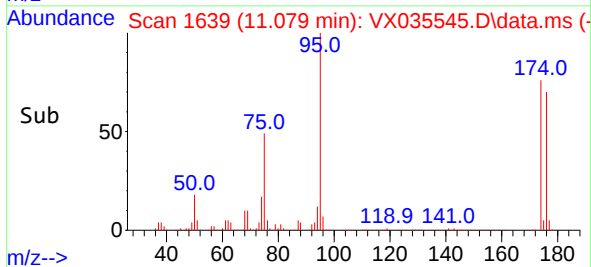
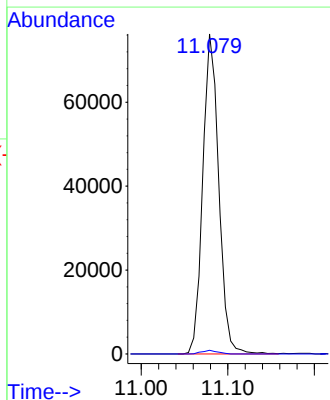
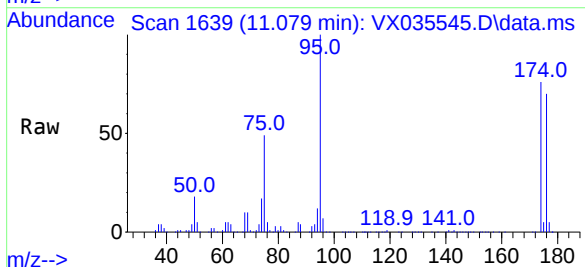
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023

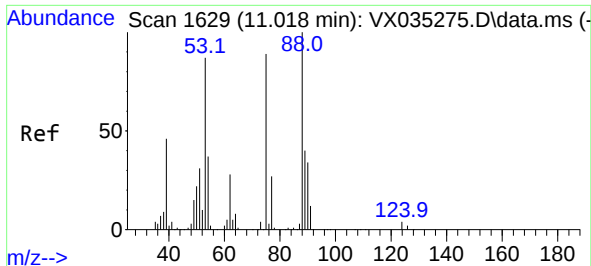
Tgt Ion:152 Resp: 196658
Ion Ratio Lower Upper
152 100
115 59.6 45.0 135.0
150 156.2 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 24.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

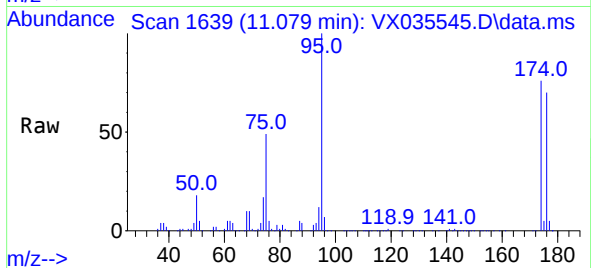
Tgt Ion: 75 Resp: 97784
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.732 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035545.D
Acq: 05 May 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023



Tgt Ion: 75 Resp: 97784
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

