

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035784.D
 Acq On : 22 May 2023 15:02
 Operator : JC/MD
 Sample : 02860-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-91-0512023DL

Quant Time: May 23 06:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

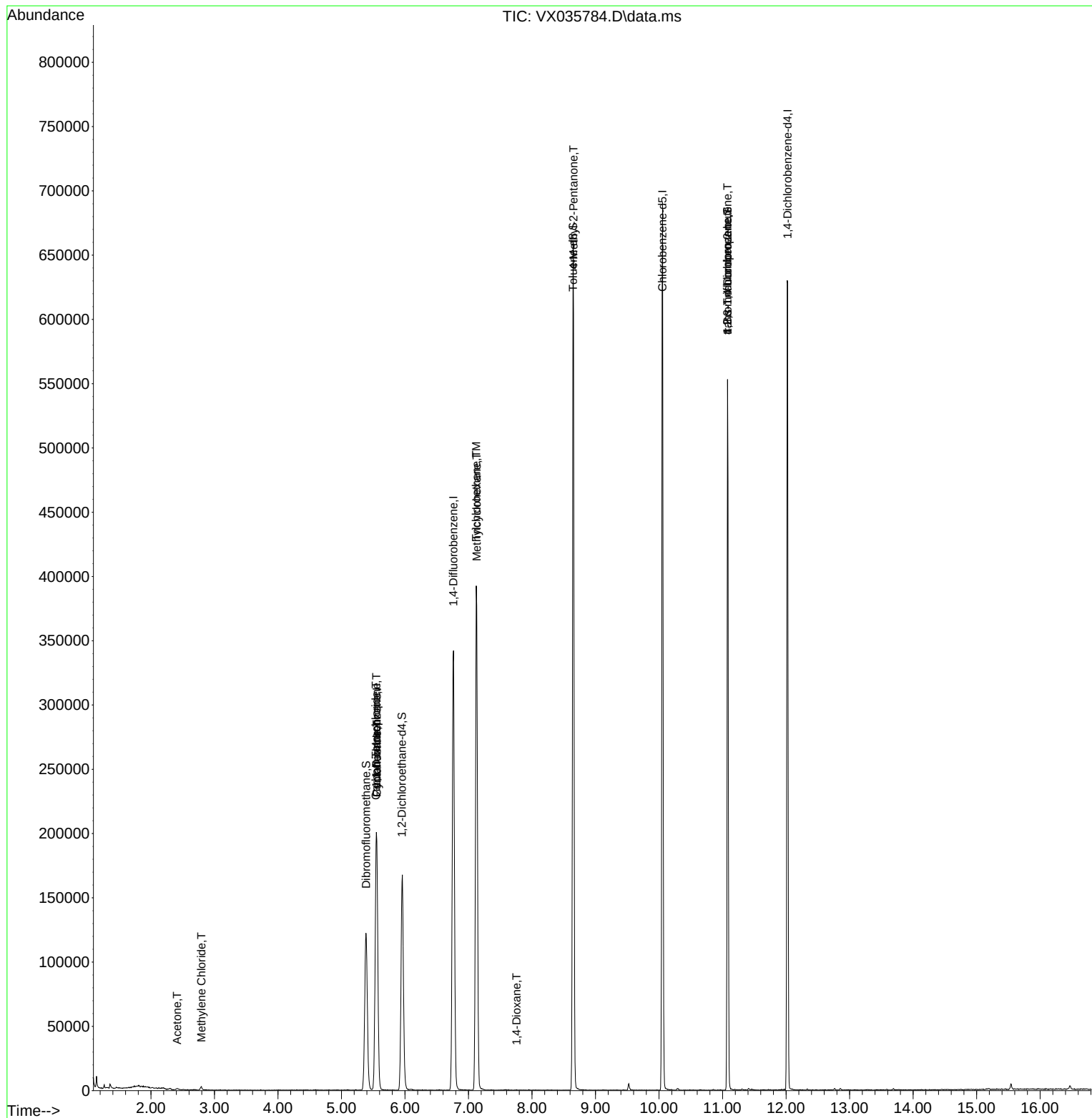
Internal Standards						
1) Pentafluorobenzene	5.556	168	172299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166463	55.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.760%			
35) Dibromofluoromethane	5.385	113	105763	48.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	8.646	98	373286	46.262	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.520%			
62) 4-Bromofluorobenzene	11.079	95	146725	45.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.320%			
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1529	1.184	ug/l #	85
20) Methylene Chloride	2.794	84	1249	0.533	ug/l	90
31) Cyclohexane	5.556	56	5114	1.347	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	16826	4.880	ug/l #	51
38) Carbon Tetrachloride	5.543	117	19867	6.083	ug/l #	15
39) Methylcyclohexane	7.128	83	1938	0.478	ug/l #	1
44) Trichloroethene	7.122	130	139030	56.850	ug/l	91
49) 1,4-Dioxane	7.756	88	19	2.278	ug/l #	1
51) 4-Methyl-2-Pentanone	8.653	43	2117	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81468	27.295	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	81468	87.969	ug/l #	8

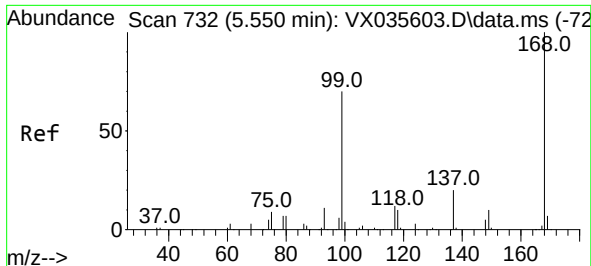
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-PRO-05-91-0512023DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

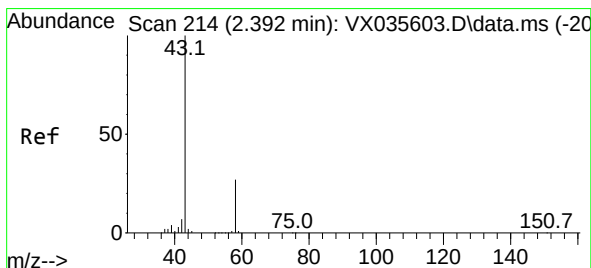
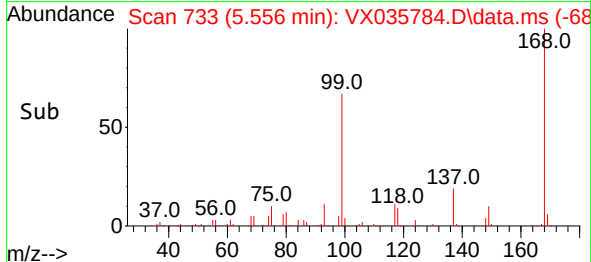
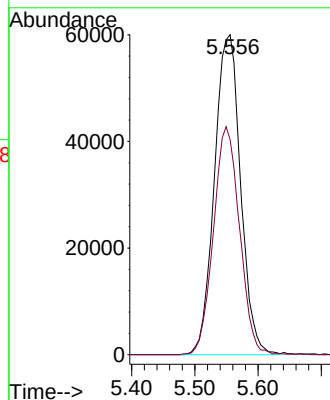
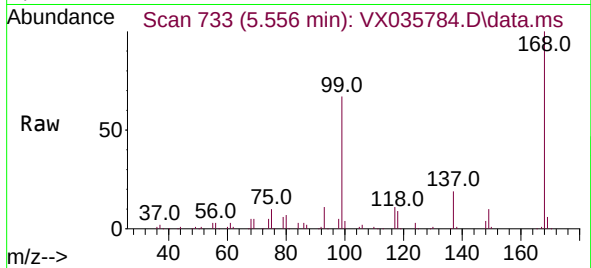




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

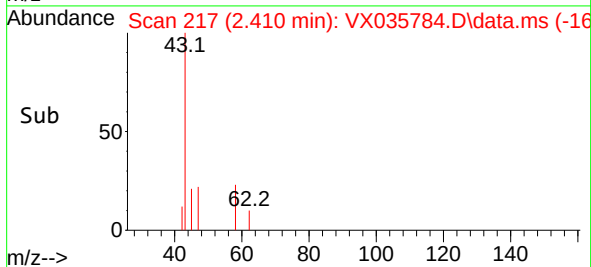
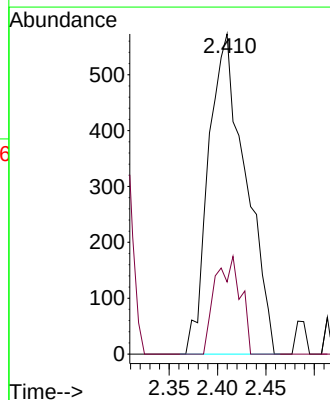
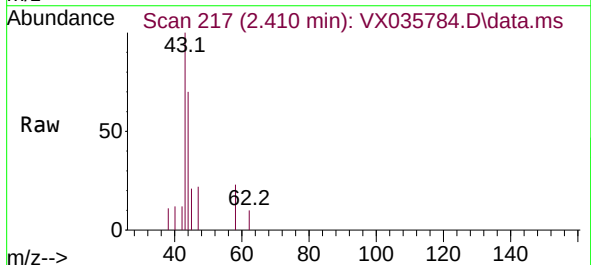
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023DL

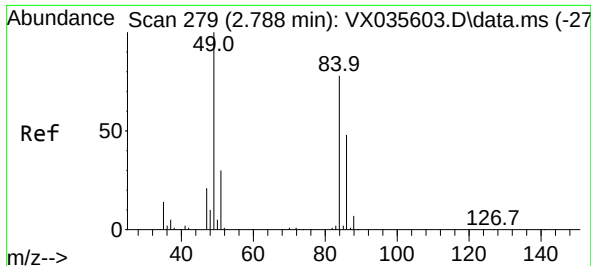
Tgt Ion:168 Resp: 172299
Ion Ratio Lower Upper
168 100
99 67.2 45.7 68.5



#16
Acetone
Concen: 1.184 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 22.5 24.7 37.1#

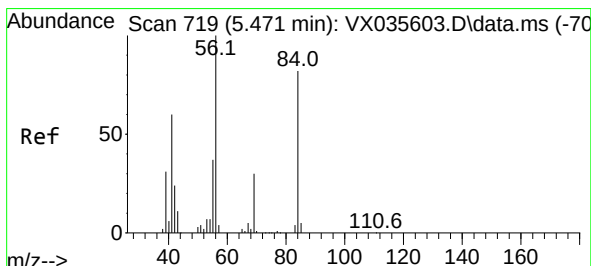
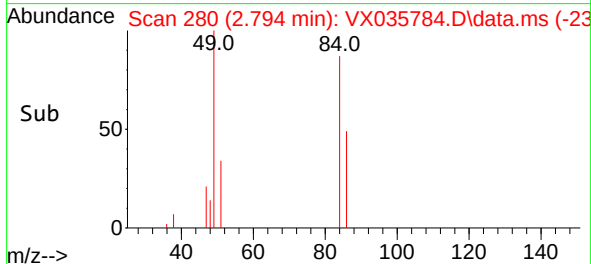
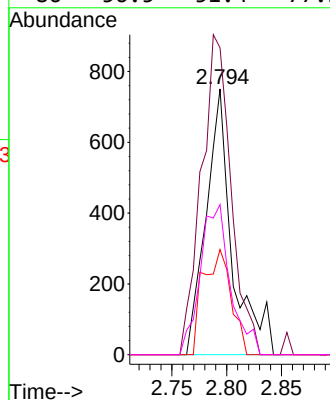
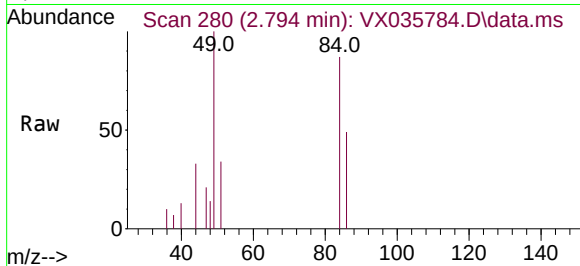




#20
Methylene Chloride
Concen: 0.533 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

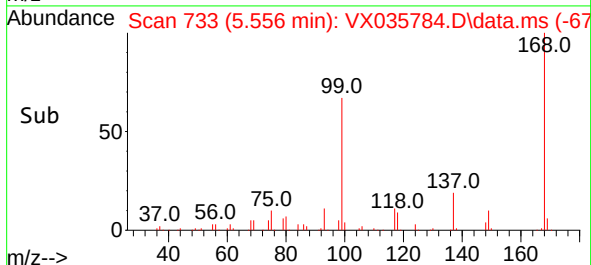
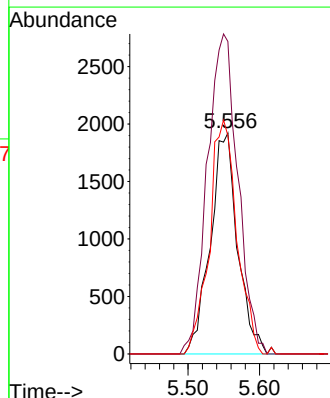
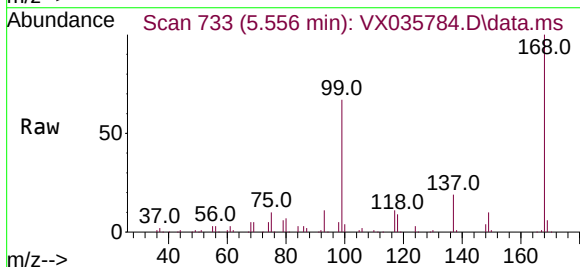
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023DL

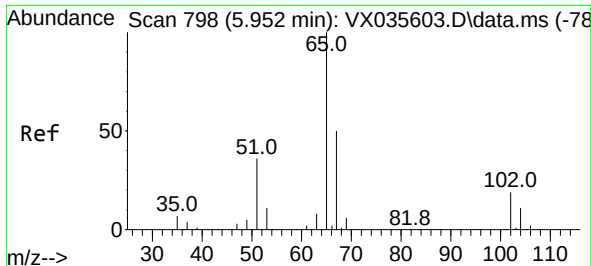
Tgt Ion:	84	Resp:	1249
Ion	Ratio	Lower	Upper
84	100		
49	115.4	103.8	155.8
51	39.5	31.8	47.8
86	56.5	51.4	77.2



#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion:	56	Resp:	5114
Ion	Ratio	Lower	Upper
56	100		
69	141.4	23.7	35.5#
84	98.8	68.5	102.7

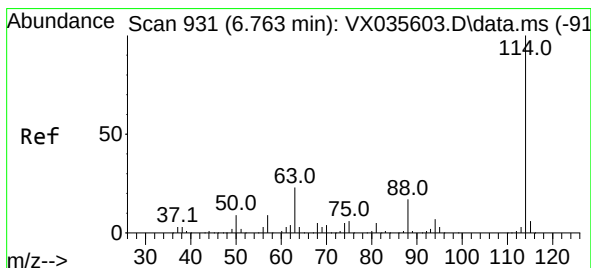
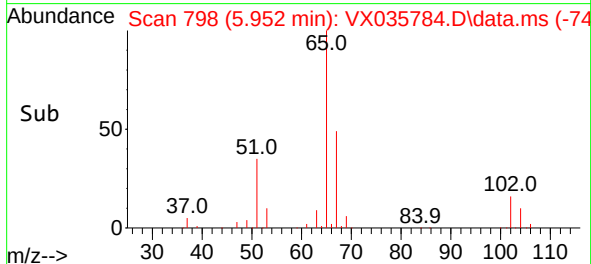
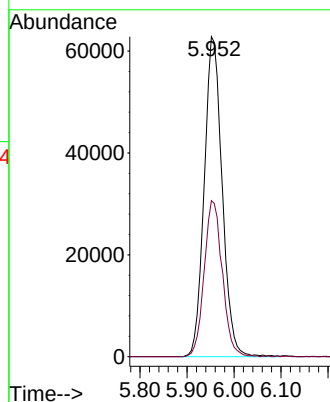
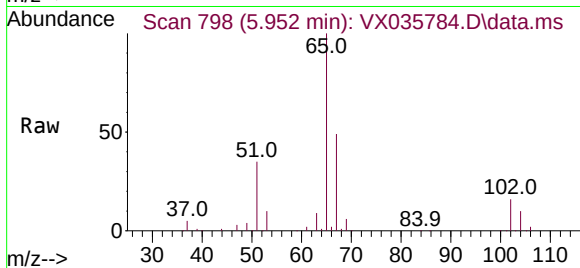




#33
 1,2-Dichloroethane-d4
 Concen: 55.380 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX035784.D
 Acq: 22 May 2023 15:02

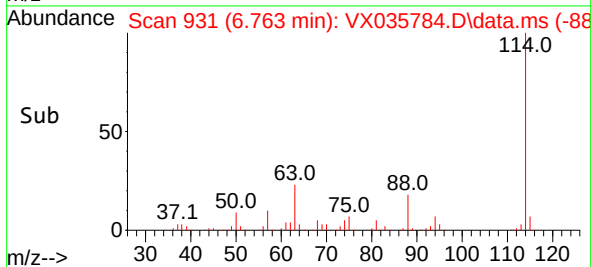
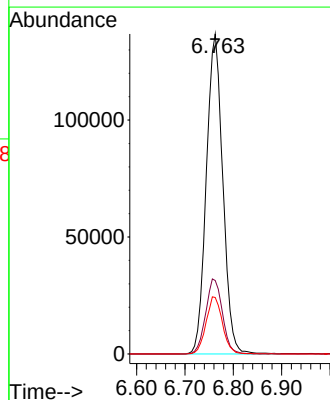
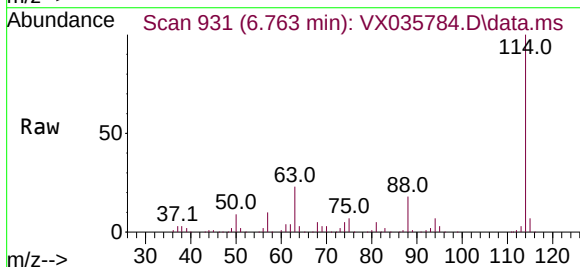
Instrument : MSVOA_X
 ClientSampleId : FSND-PRO-05-91-0512023DL

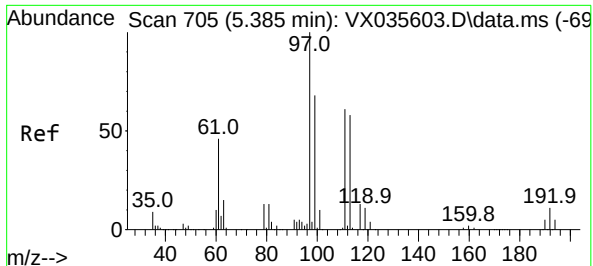
Tgt Ion: 65 Resp: 166463
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035784.D
 Acq: 22 May 2023 15:02

Tgt Ion: 114 Resp: 323873
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.2
 88 17.7 0.0 33.2

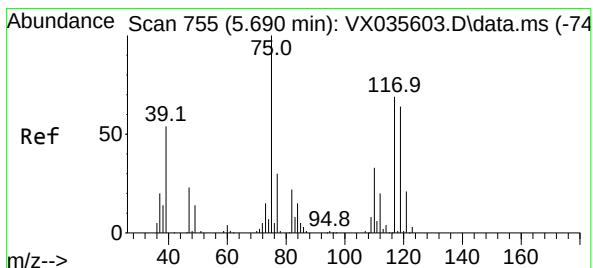
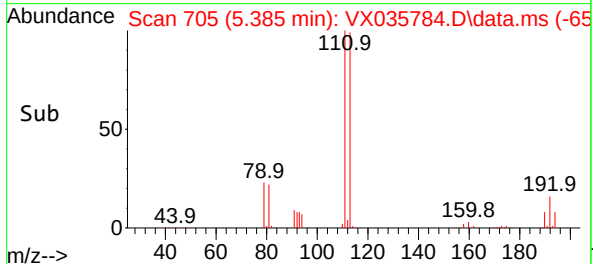
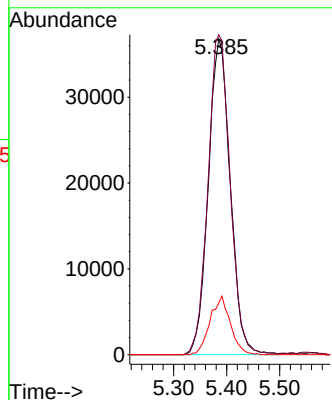
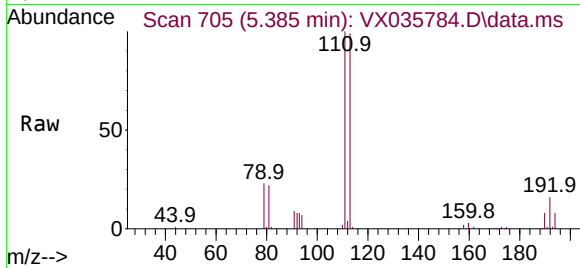




#35
Dibromofluoromethane
Concen: 48.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

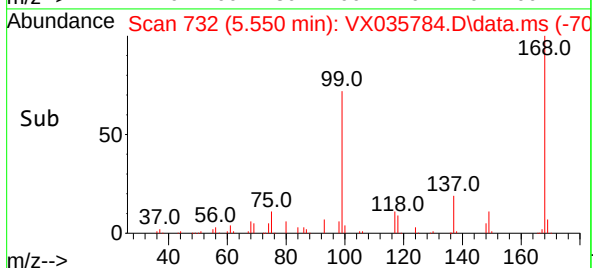
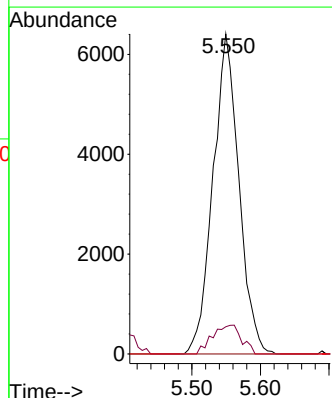
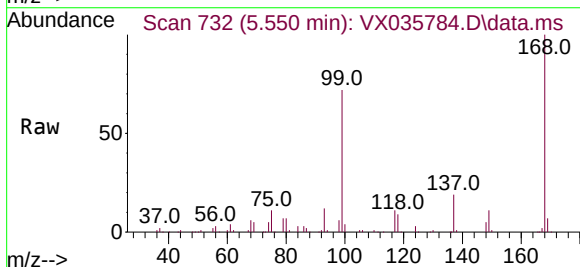
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023DL

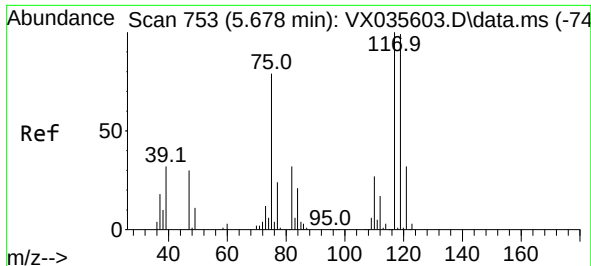
Tgt Ion:113 Resp: 105763
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 17.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

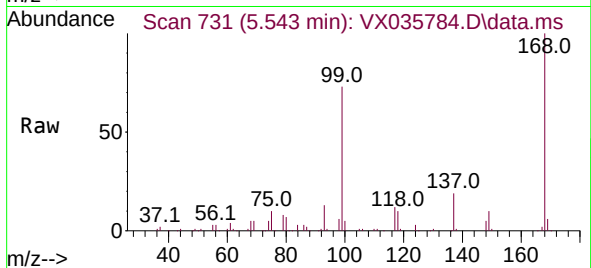
Tgt Ion: 75 Resp: 16826
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



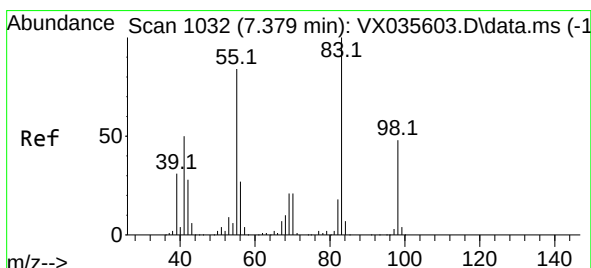
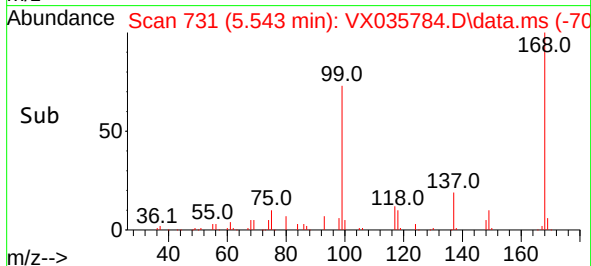
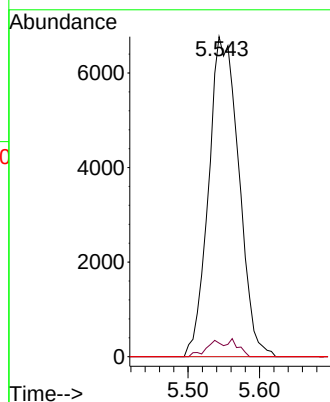


#38
Carbon Tetrachloride
Concen: 6.083 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023DL

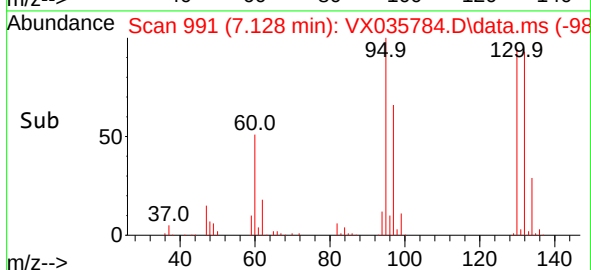
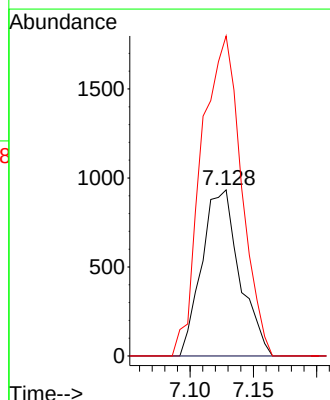
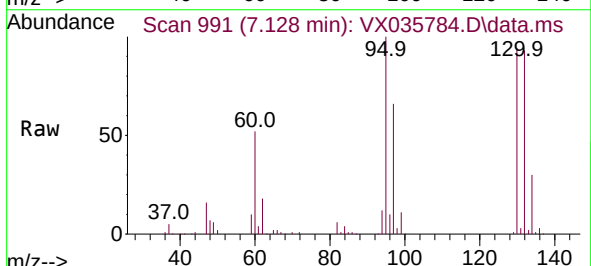


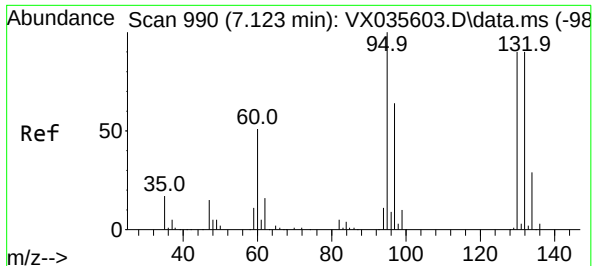
Tgt Ion:117 Resp: 19867
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.478 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.251 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion: 83 Resp: 1938
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 192.7 40.4 60.6#

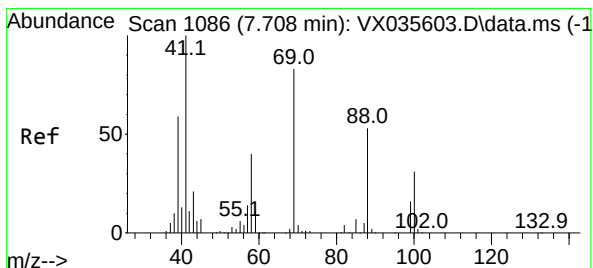
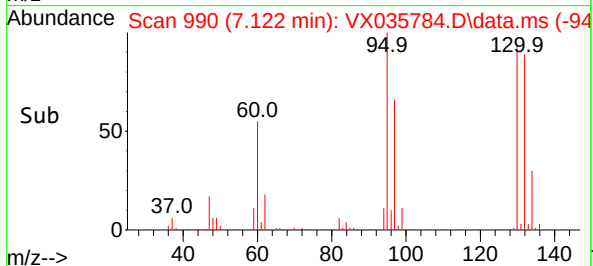
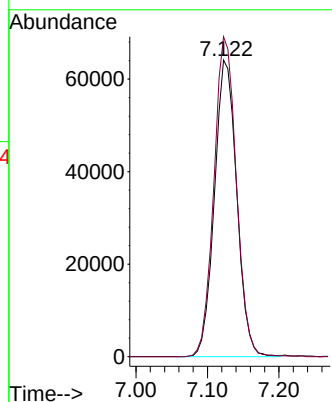
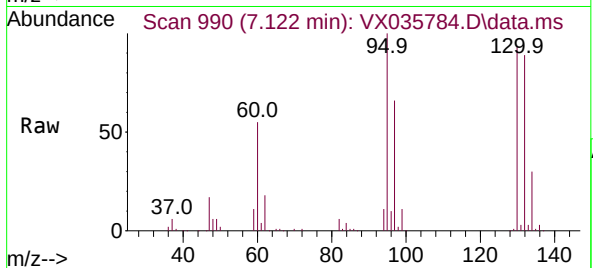




#44
Trichloroethene
Concen: 56.850 ug/l
RT: 7.122 min Scan# 94
Delta R.T. -0.001 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

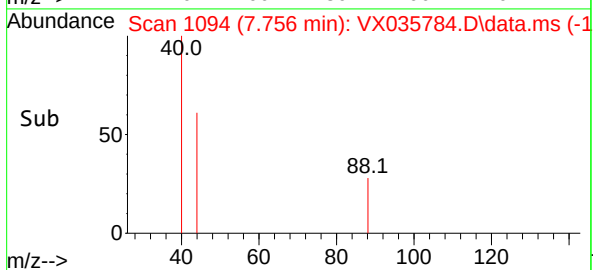
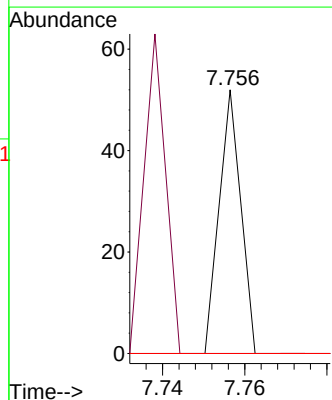
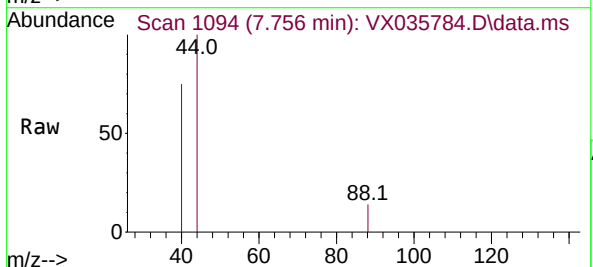
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ClientSampleId :
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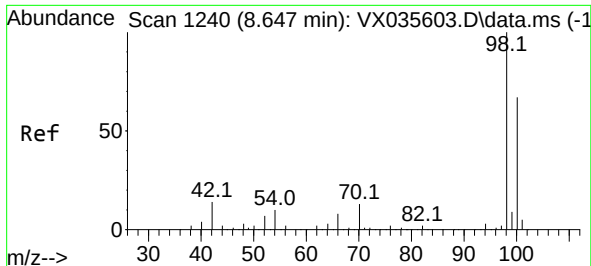
Tgt Ion:130 Resp: 139030
Ion Ratio Lower Upper
130 100
95 107.9 0.0 198.4



#49
1,4-Dioxane
Concen: 2.278 ug/l
RT: 7.756 min Scan# 1094
Delta R.T. 0.048 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 121.1 27.7 41.5#
58 0.0 56.8 85.2#

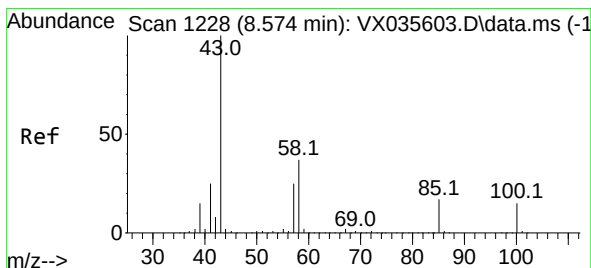
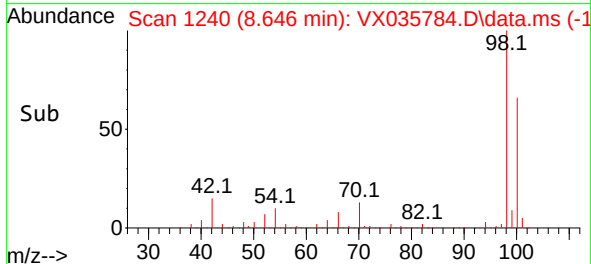
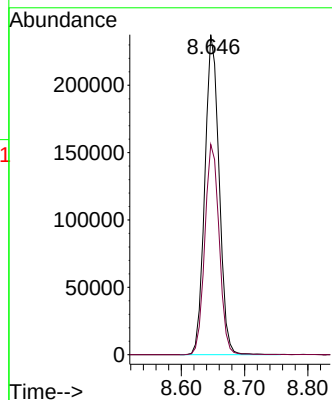
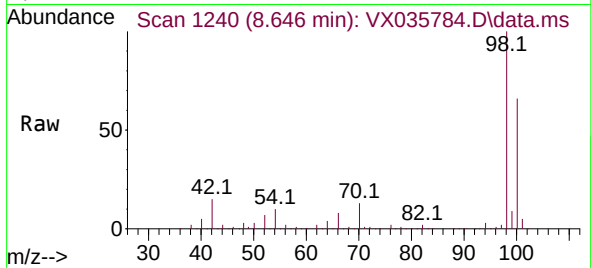




#50
Toluene-d8
Concen: 46.262 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

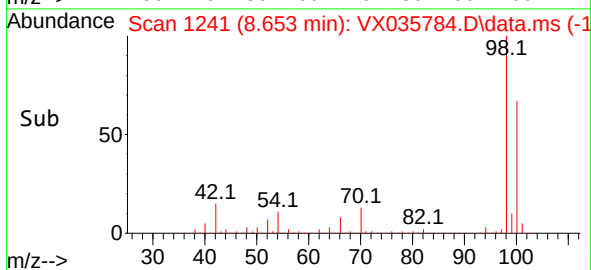
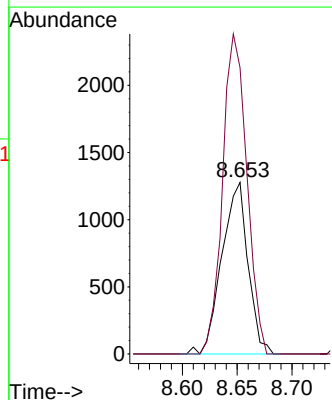
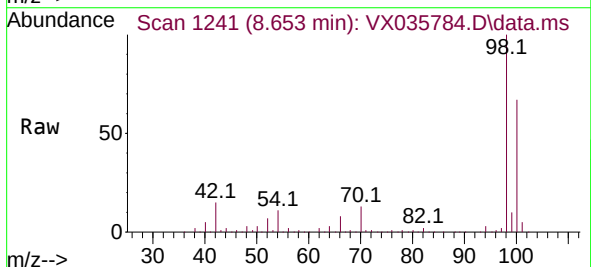
Instrument :
MSVOA_X
ClientSampleId :
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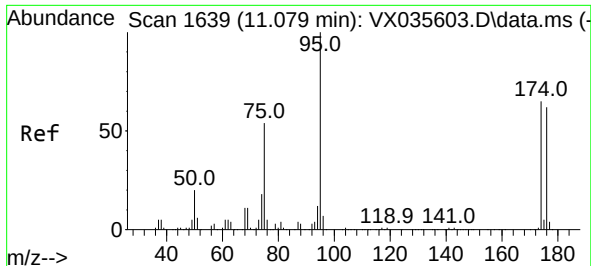
Tgt Ion: 98 Resp: 373286
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion: 43 Resp: 2117
Ion Ratio Lower Upper
43 100
58 173.3 30.6 46.0#

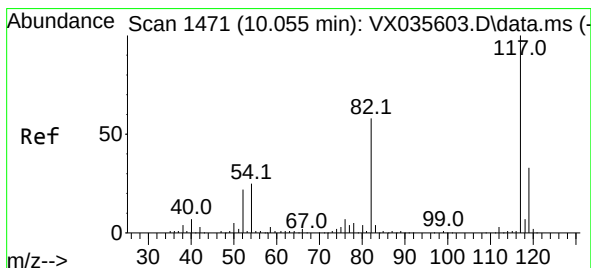
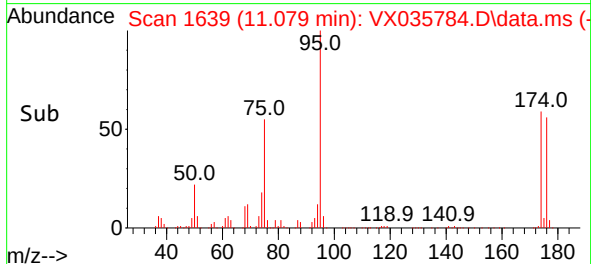
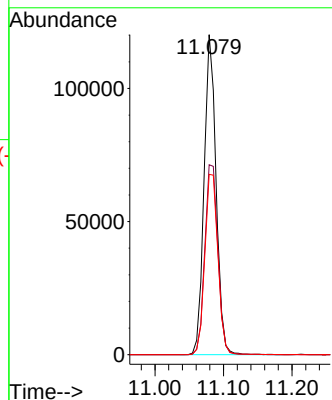
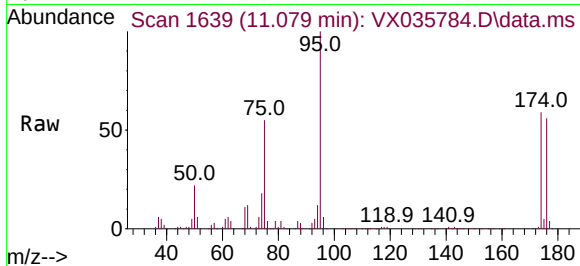




#62
4-Bromofluorobenzene
Concen: 45.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

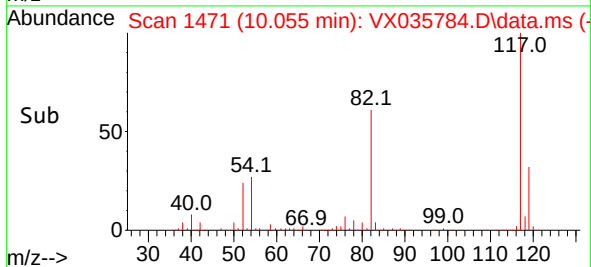
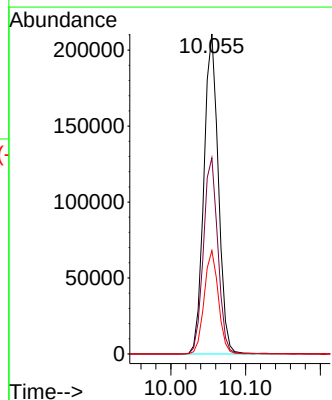
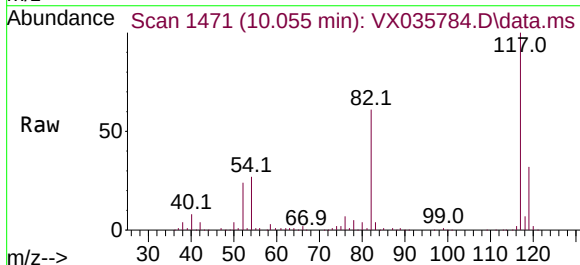
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023DL

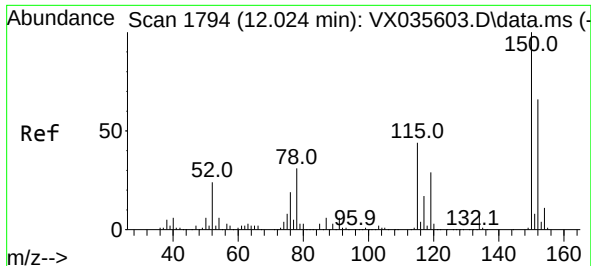
Tgt Ion: 95 Resp: 146725
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 61.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035784.D
Acq: 22 May 2023 15:02

Tgt Ion: 117 Resp: 283127
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 32.3 26.0 39.0

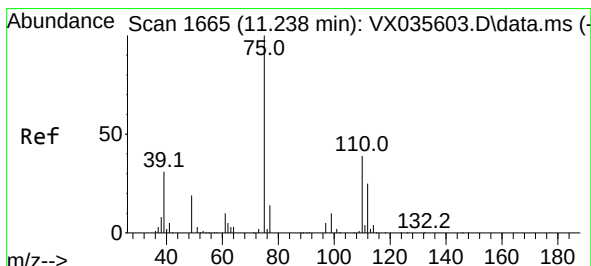
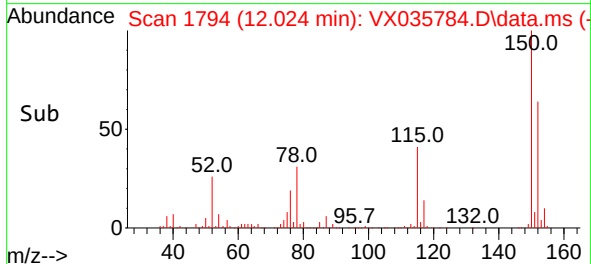
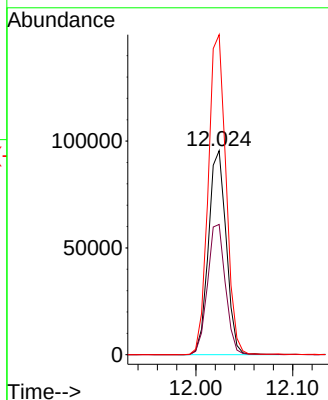
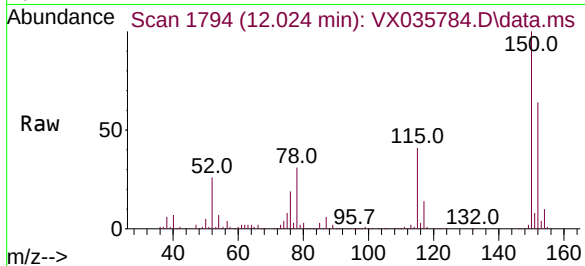




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035784.D
 Acq: 22 May 2023 15:02

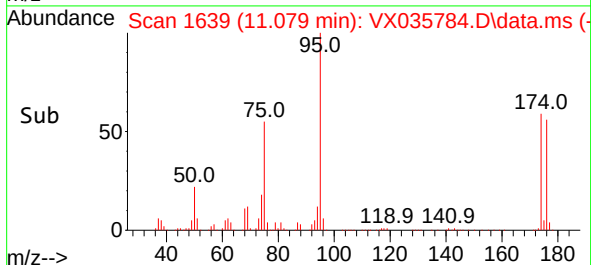
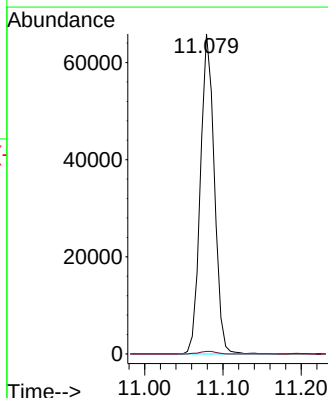
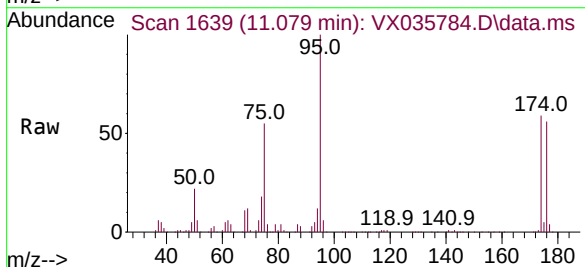
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-91-0512023DL

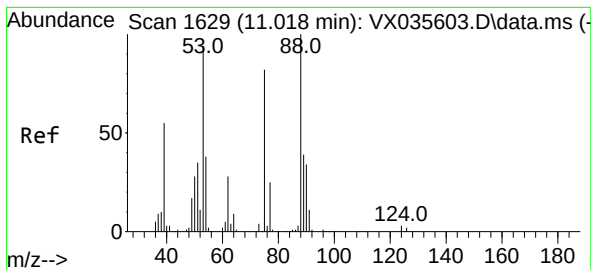
Tgt Ion:152 Resp: 122022
 Ion Ratio Lower Upper
 152 100
 115 64.6 45.0 135.0
 150 157.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.295 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035784.D
 Acq: 22 May 2023 15:02

Tgt Ion: 75 Resp: 81468
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.969 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035784.D
 Acq: 22 May 2023 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-91-0512023DL

Tgt Ion: 75 Resp: 81468
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

