

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035556.D
 Acq On : 08 May 2023 13:41
 Operator : JC/MD
 Sample : 02643-06DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 09 03:42:57 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)

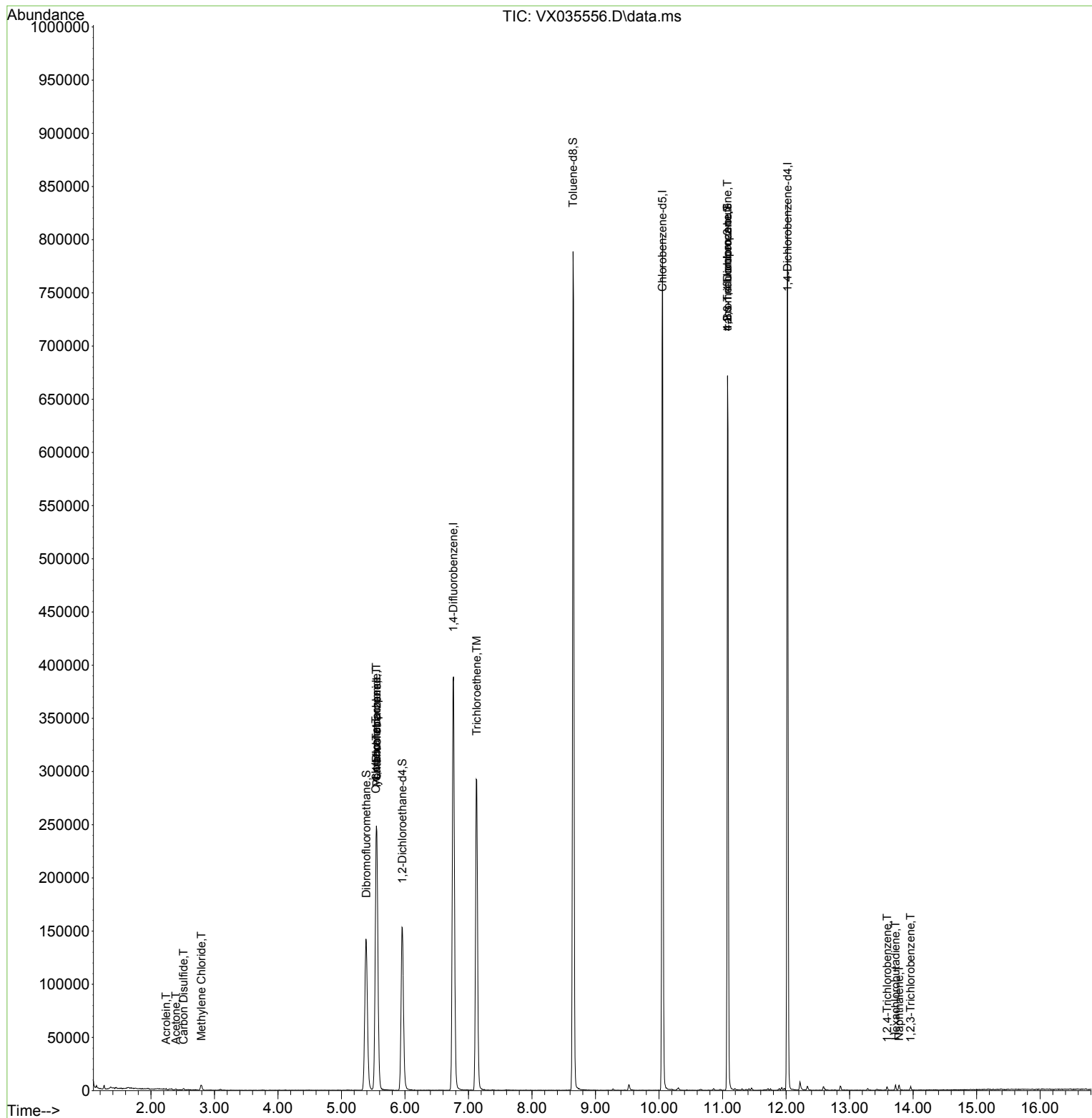
Internal Standards						
1) Pentafluorobenzene	5.556	168	247287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148934	49.921	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.840%
35) Dibromofluoromethane	5.391	113	126948	51.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	8.646	98	470602	50.235	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	183416	52.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.100%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	176	0.329	ug/l #	53
16) Acetone	2.392	43	1198	0.925	ug/l	91
17) Carbon Disulfide	2.513	76	1881	0.327	ug/l	95
20) Methylene Chloride	2.794	84	2292	0.771	ug/l #	86
31) Cyclohexane	5.543	56	4877	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	18086	4.664	ug/l #	47
38) Carbon Tetrachloride	5.549	117	24779	6.731	ug/l #	16
44) Trichloroethene	7.128	130	122283	39.905	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	90940	25.366	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	90940	82.154	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1016	0.260	ug/l	99
94) Hexachlorobutadiene	13.725	225	672	0.392	ug/l	88
95) Naphthalene	13.780	128	3532	0.294	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1135	0.289	ug/l	84

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
Data File : VX035556.D
Acq On : 08 May 2023 13:41
Operator : JC/MD
Sample : 02643-06DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 09 03:42:57 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

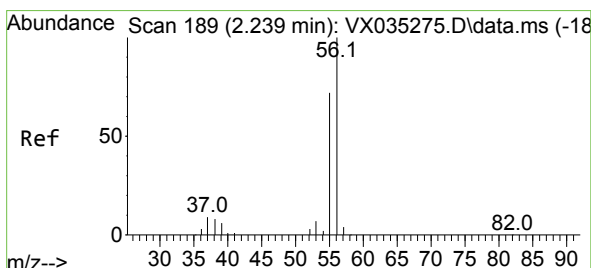
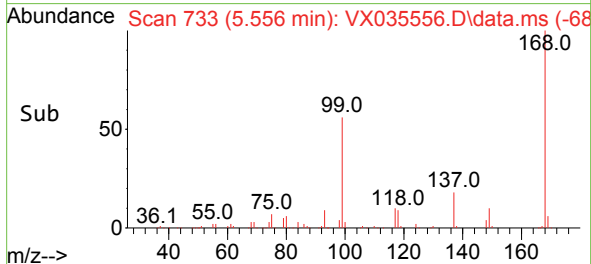
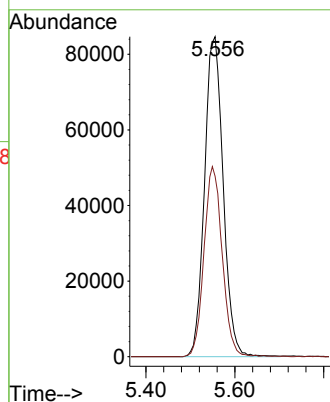
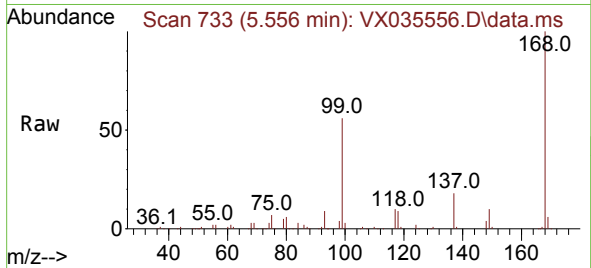




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

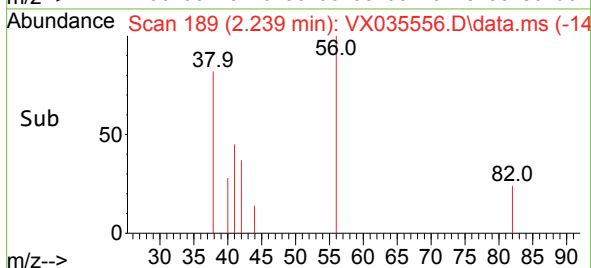
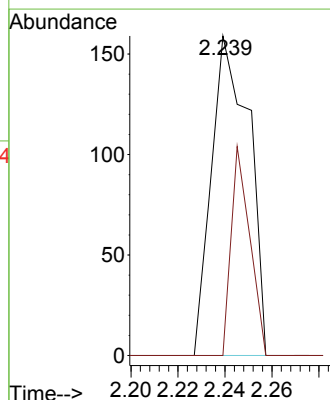
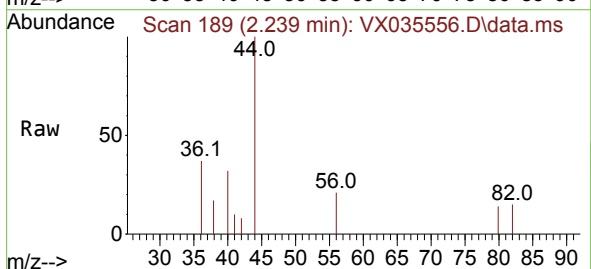
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

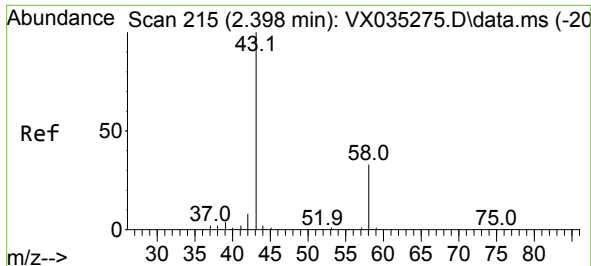
Tgt Ion:168 Resp: 247287
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#13
Acrolein
Concen: 0.329 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 32.4 56.6 85.0#

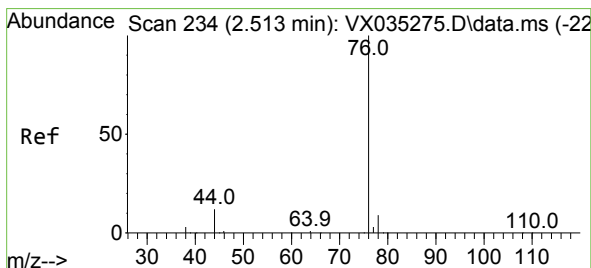
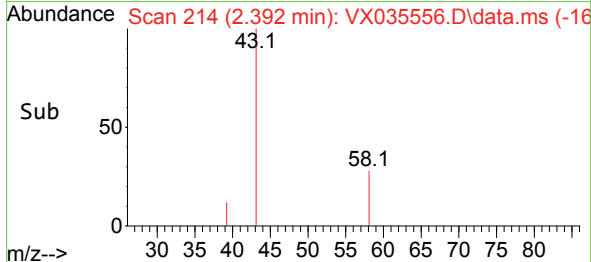
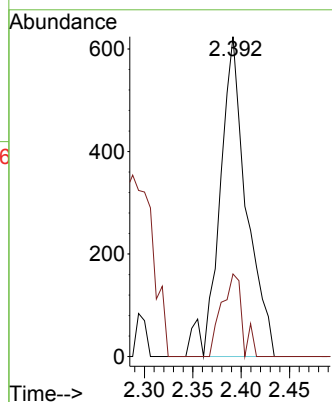
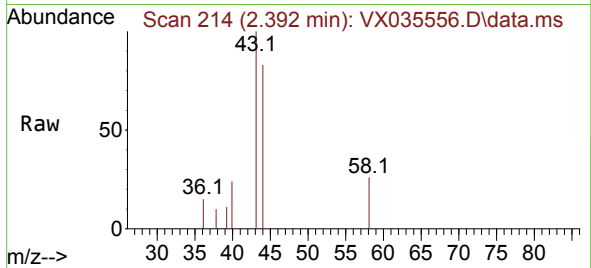




#16
Acetone
Concen: 0.925 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

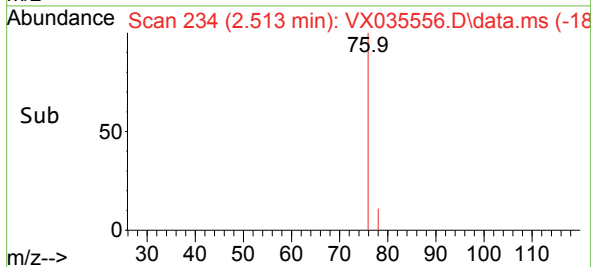
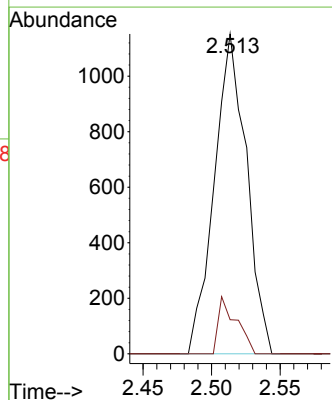
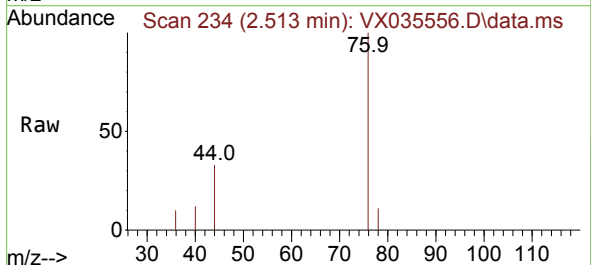
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

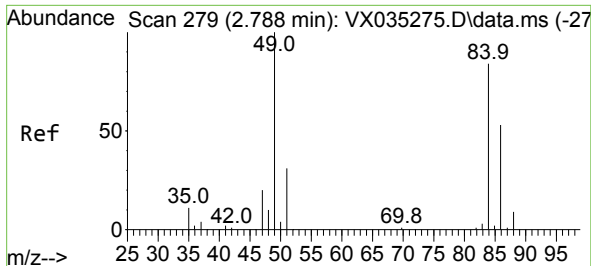
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1



#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion: 76 Resp: 1881
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8

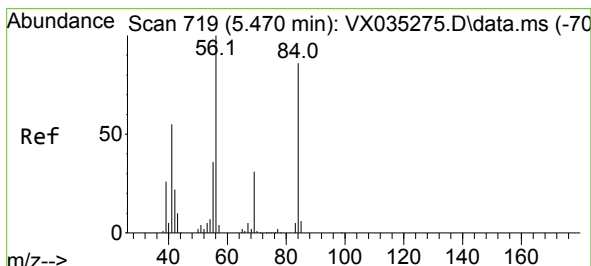
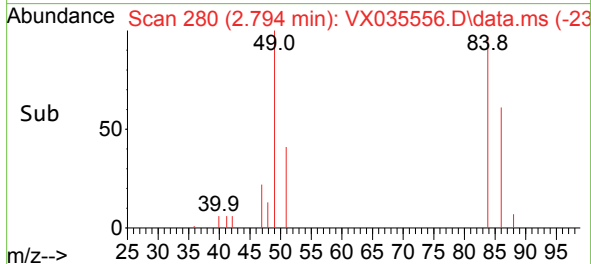
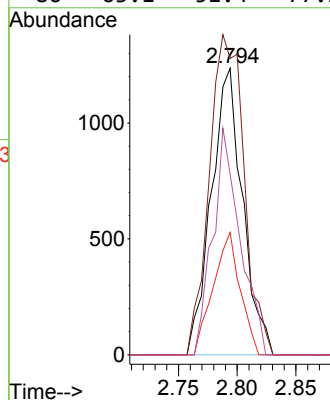
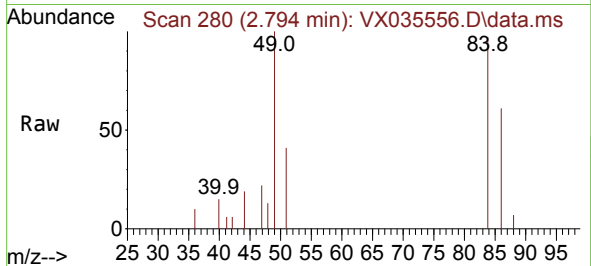




#20
Methylene Chloride
Concen: 0.771 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

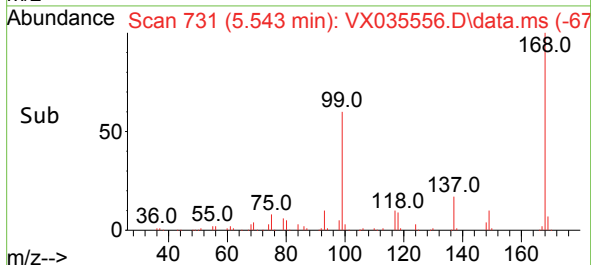
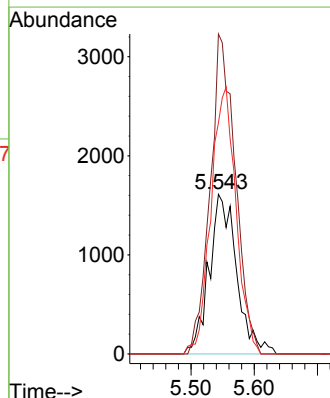
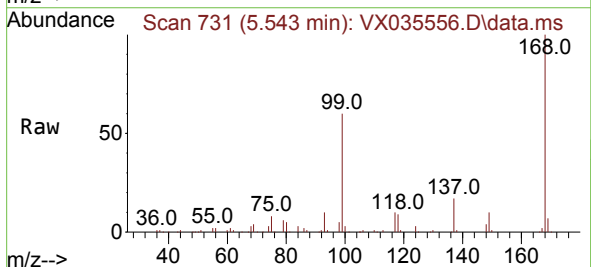
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

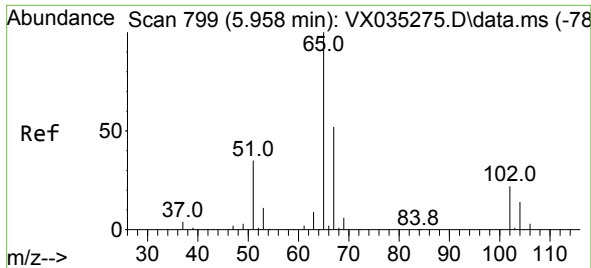
Tgt Ion:	84	Resp:	2292
Ion	Ratio	Lower	Upper
84	100		
49	103.5	103.8	155.8#
51	42.7	31.8	47.8
86	63.1	51.4	77.2



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion:	56	Resp:	4877
Ion	Ratio	Lower	Upper
56	100		
69	200.5	23.7	35.5#
84	144.8	68.5	102.7#

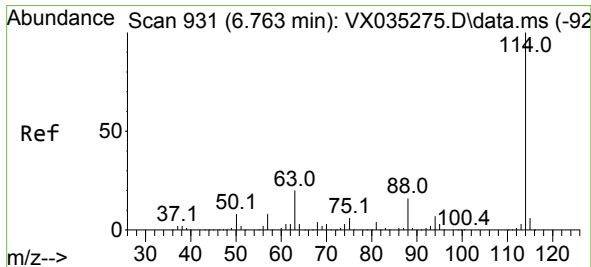
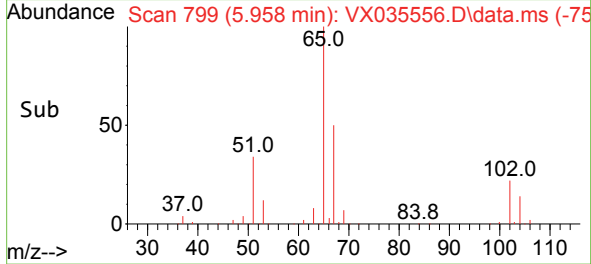
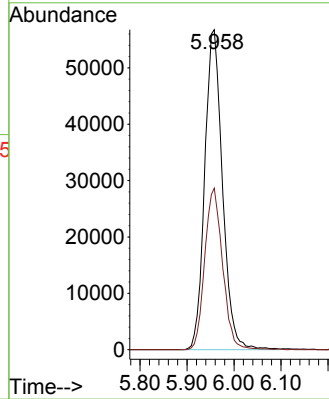
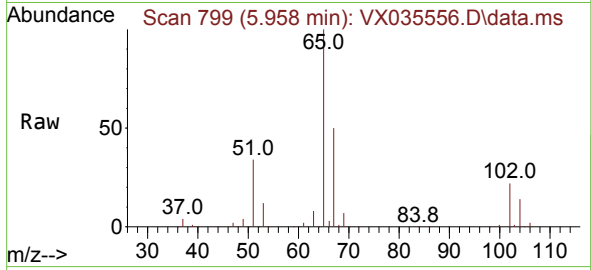




#33
1,2-Dichloroethane-d4
Concen: 49.921 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

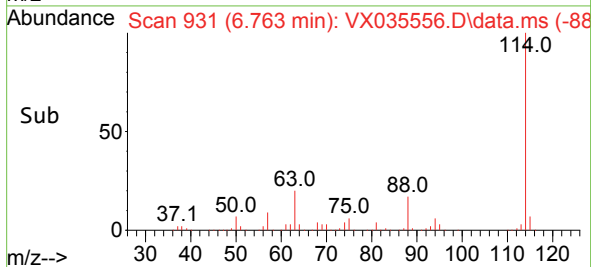
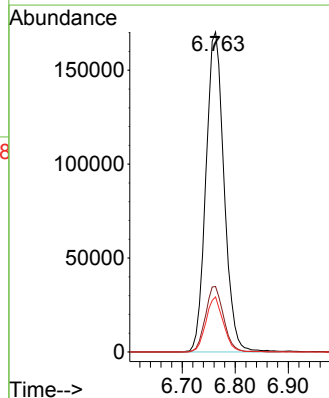
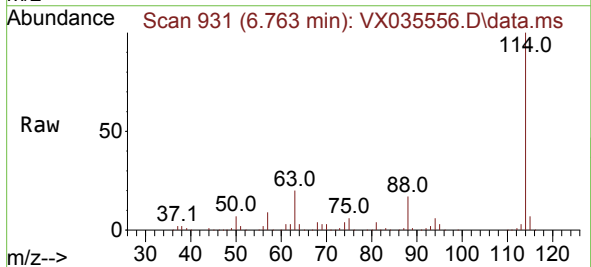
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

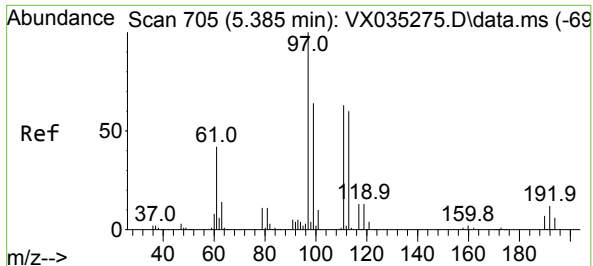
Tgt Ion: 65 Resp: 148934
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion: 114 Resp: 404608
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 17.2 0.0 33.2

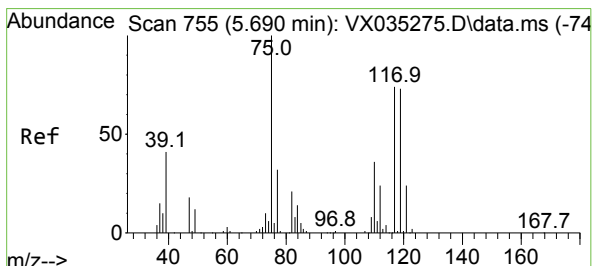
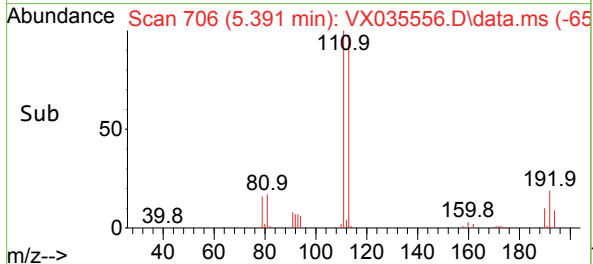
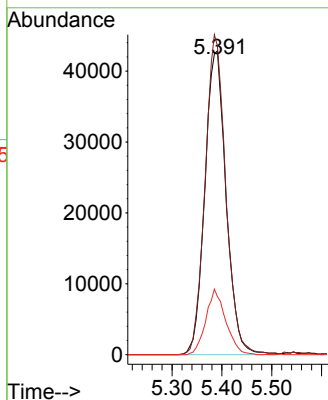
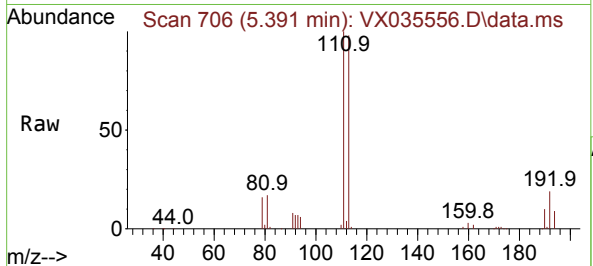




#35
Dibromofluoromethane
Concen: 51.119 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

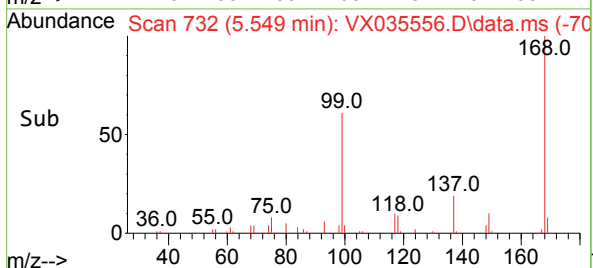
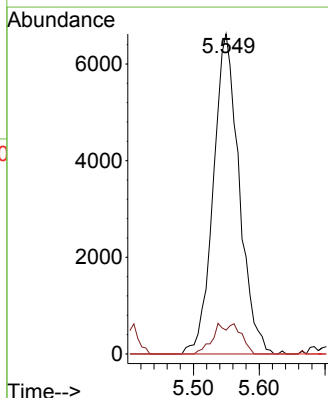
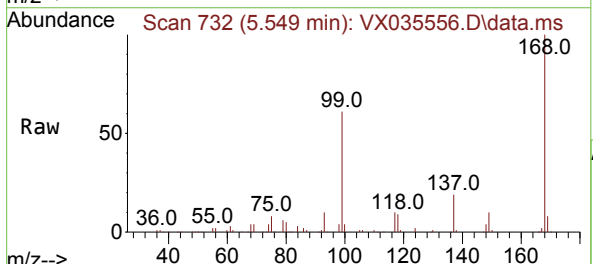
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

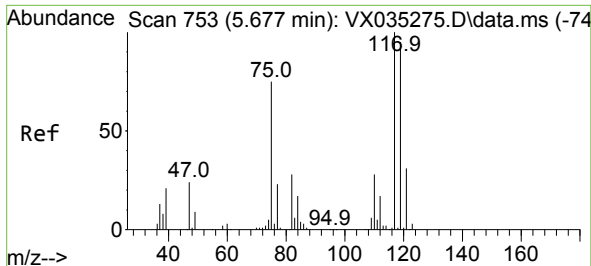
Tgt Ion:113 Resp: 126948
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

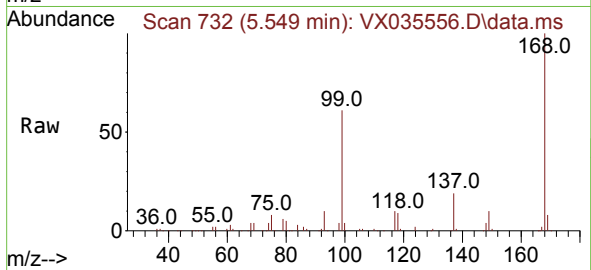
Tgt Ion: 75 Resp: 18086
Ion Ratio Lower Upper
75 100
110 5.2 17.5 52.5#
77 0.0 24.3 36.5#



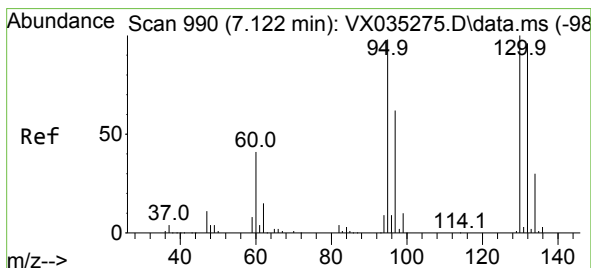
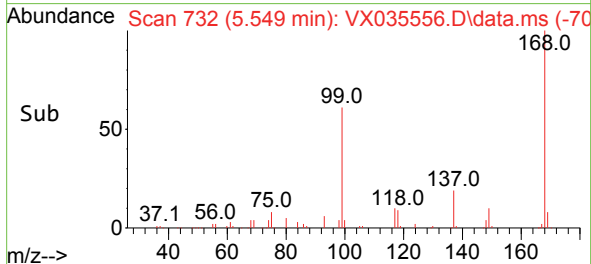
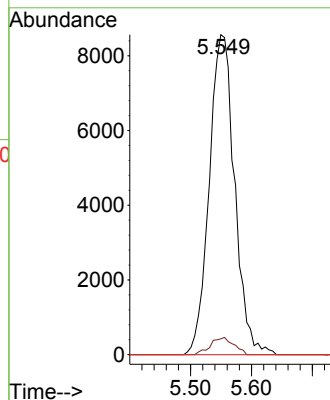


#38
Carbon Tetrachloride
Concen: 6.731 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

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

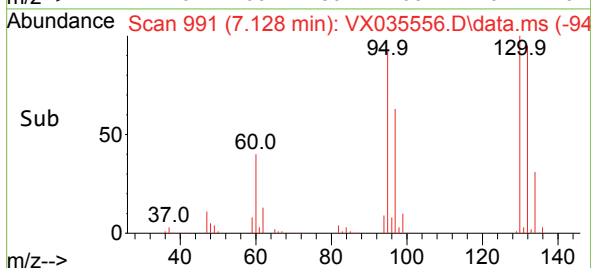
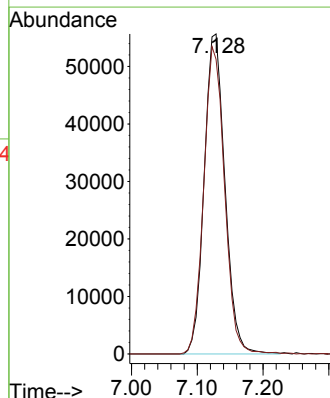
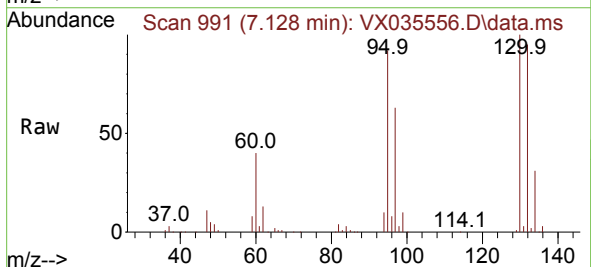


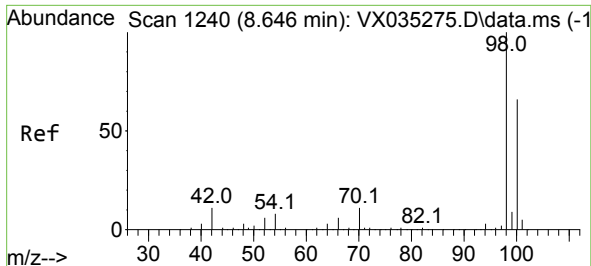
Tgt Ion:117 Resp: 24779
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 39.905 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion:130 Resp: 122283
Ion Ratio Lower Upper
130 100
95 92.1 0.0 198.4

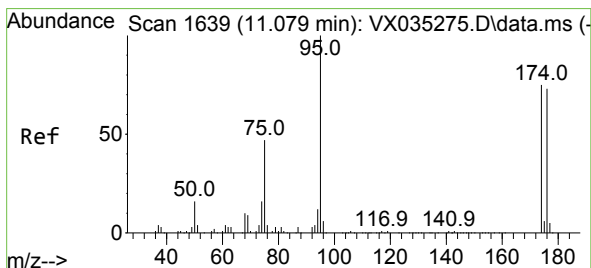
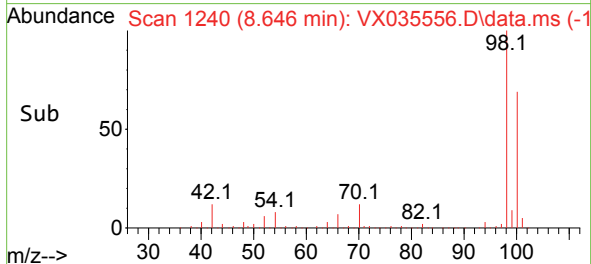
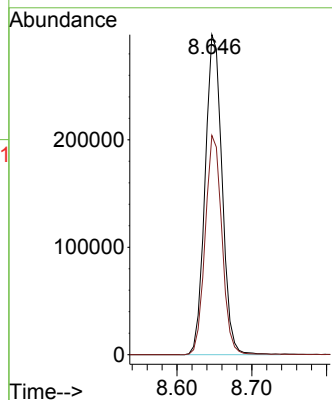
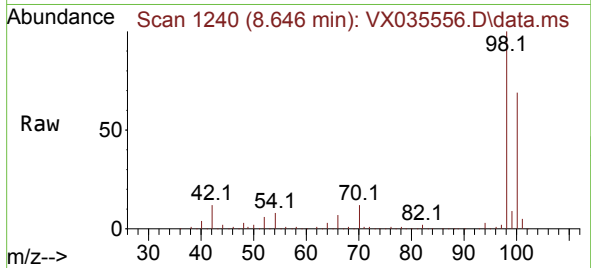




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

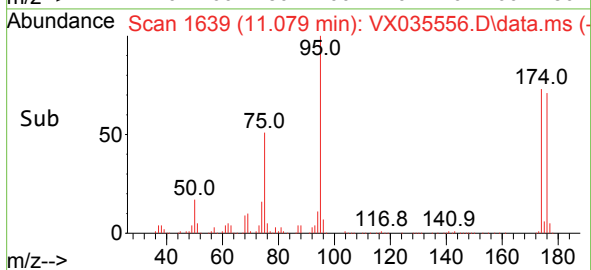
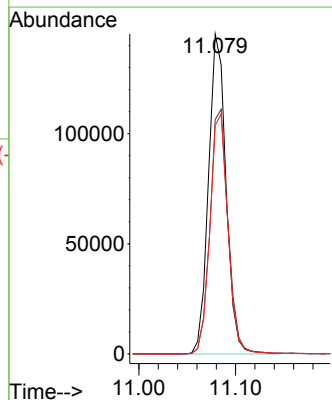
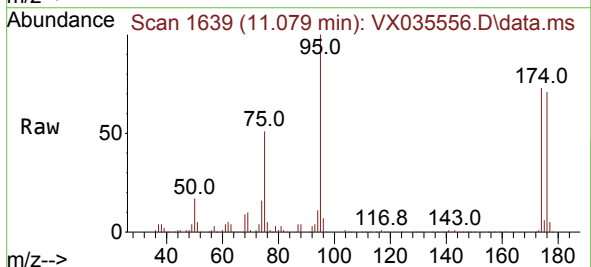
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

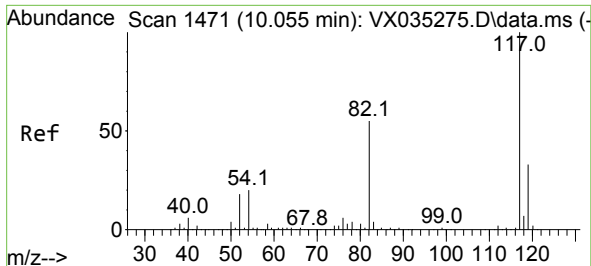
Tgt Ion: 98 Resp: 470602
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion: 95 Resp: 183416
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 76.8 0.0 140.6

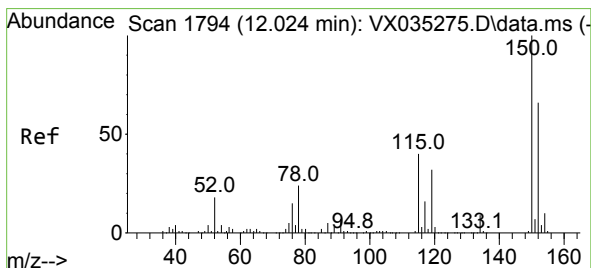
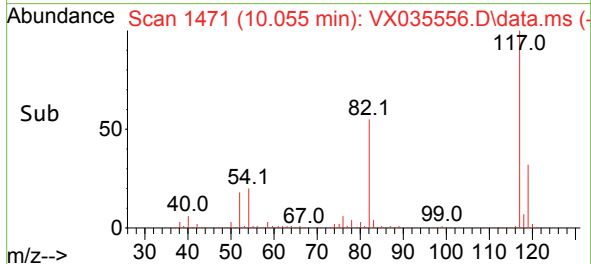
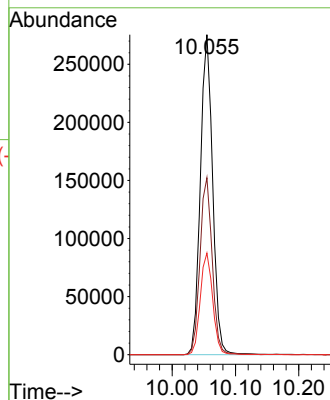
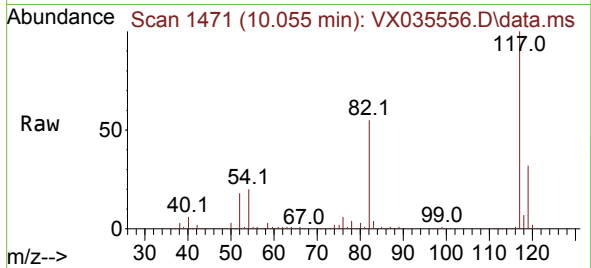




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

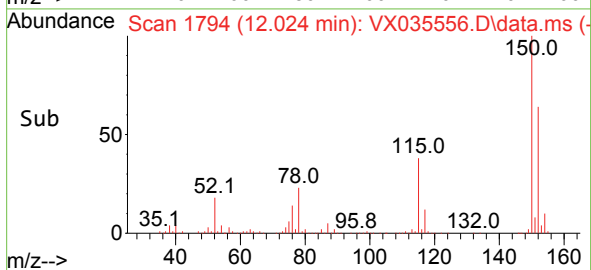
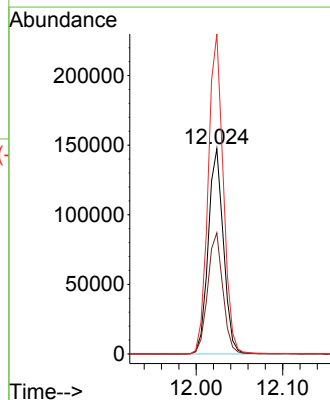
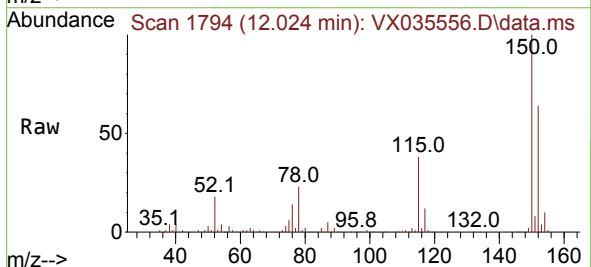
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

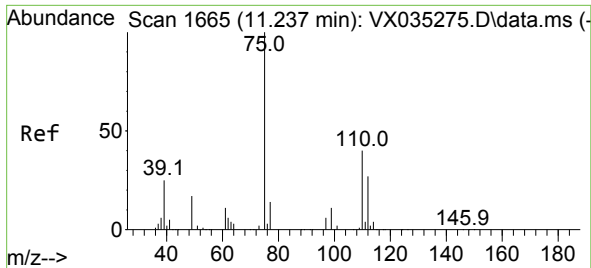
Tgt Ion:117 Resp: 372545
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion:152 Resp: 179728
Ion Ratio Lower Upper
152 100
115 59.0 45.0 135.0
150 155.5 0.0 352.4

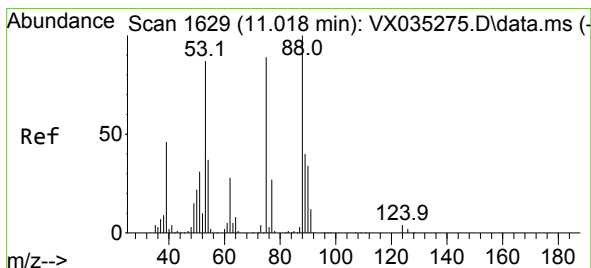
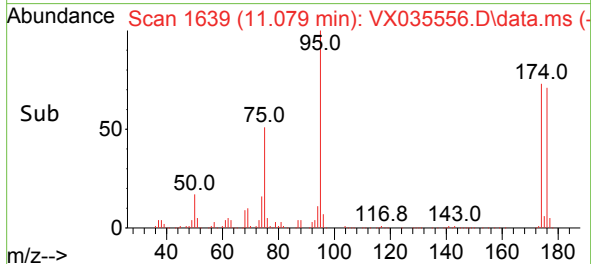
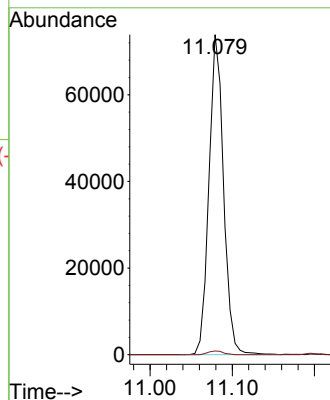
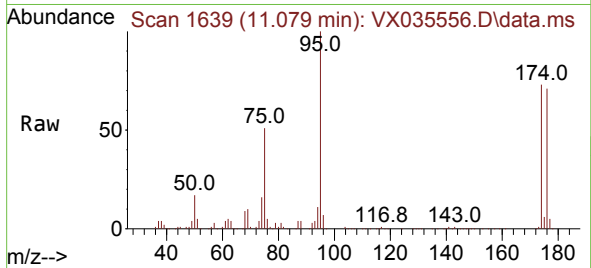




#76
1,2,3-Trichloropropane
Concen: 25.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

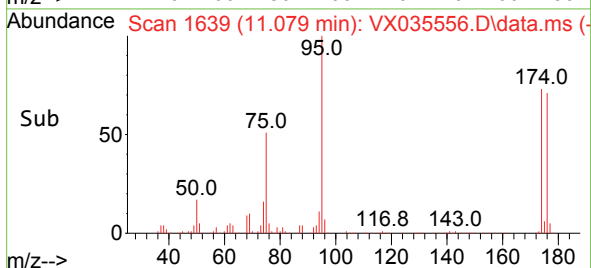
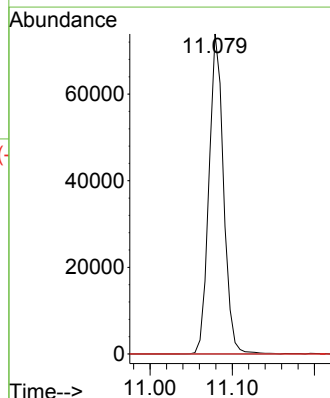
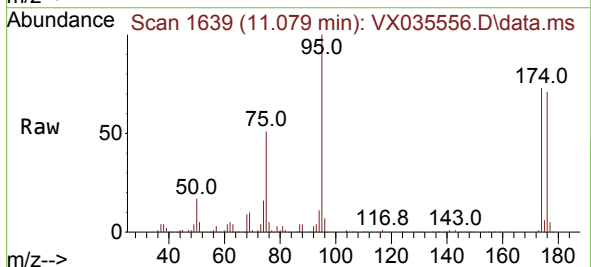
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023DL

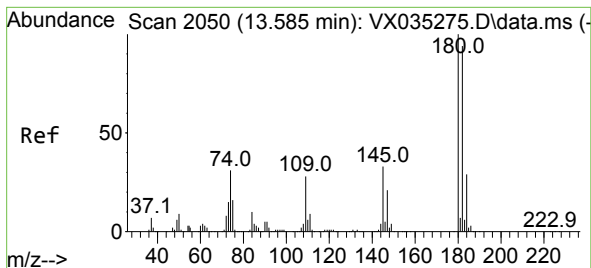
Tgt Ion: 75 Resp: 90940
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035556.D
Acq: 08 May 2023 13:41

Tgt Ion: 75 Resp: 90940
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.260 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035556.D

Acq: 08 May 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023DL

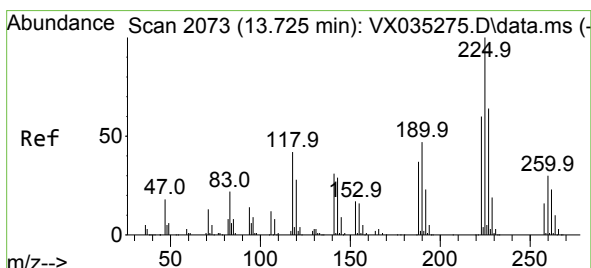
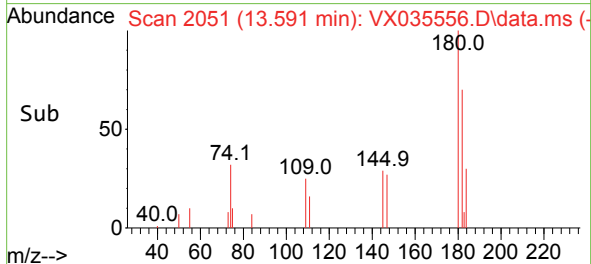
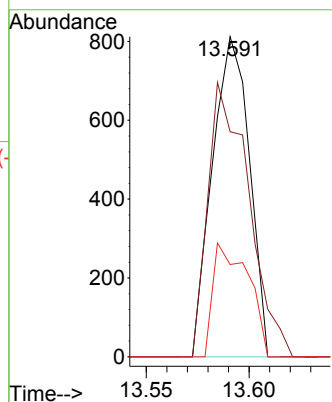
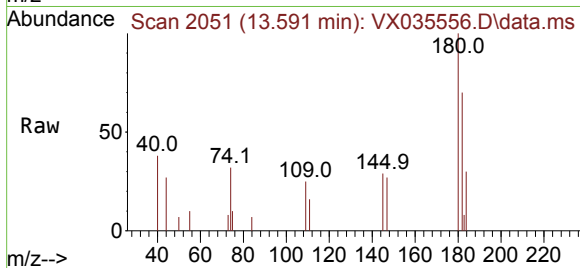
Tgt Ion:180 Resp: 1016

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 33.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 0.392 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035556.D

Acq: 08 May 2023 13:41

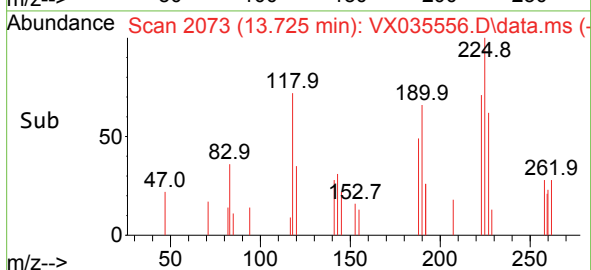
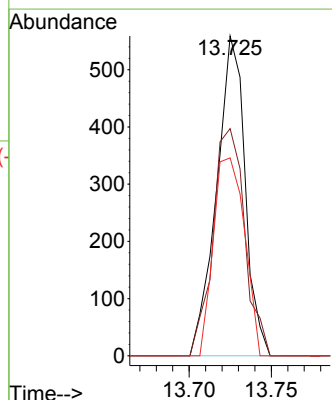
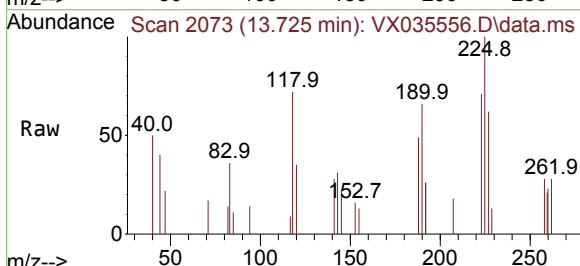
Tgt Ion:225 Resp: 672

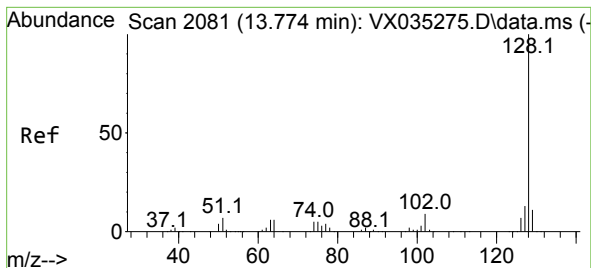
Ion Ratio Lower Upper

225 100

223 79.5 32.1 96.5

227 67.7 31.8 95.4





#95

Naphthalene

Concen: 0.294 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX035556.D

Acq: 08 May 2023 13:41

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023DL

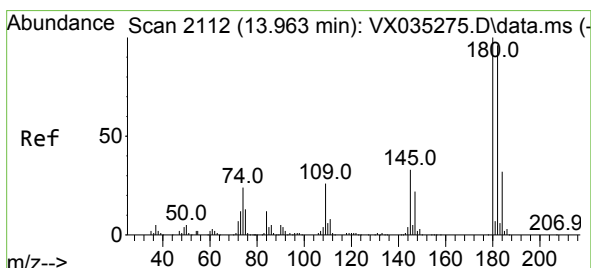
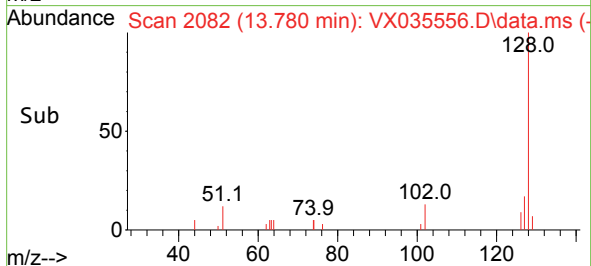
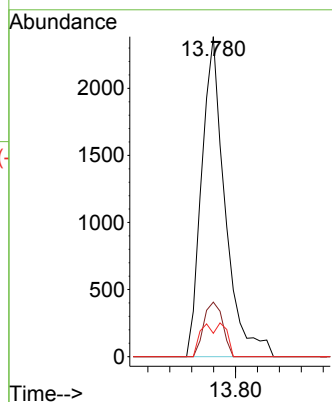
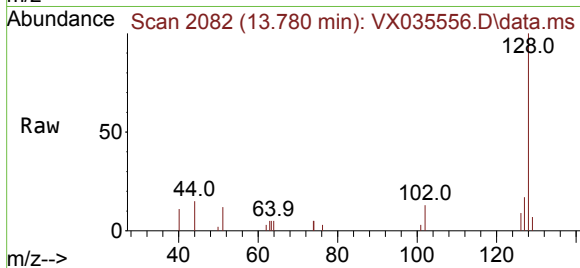
Tgt Ion:128 Resp: 3532

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.289 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035556.D

Acq: 08 May 2023 13:41

Tgt Ion:180 Resp: 1135

Ion Ratio Lower Upper

180 100

182 80.6 48.0 144.2

145 26.1 17.7 53.1

