

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035557.D
 Acq On : 08 May 2023 14:04
 Operator : JC/MD
 Sample : 02643-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-06-99-05042023DL

Quant Time: May 09 03:43:20 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)

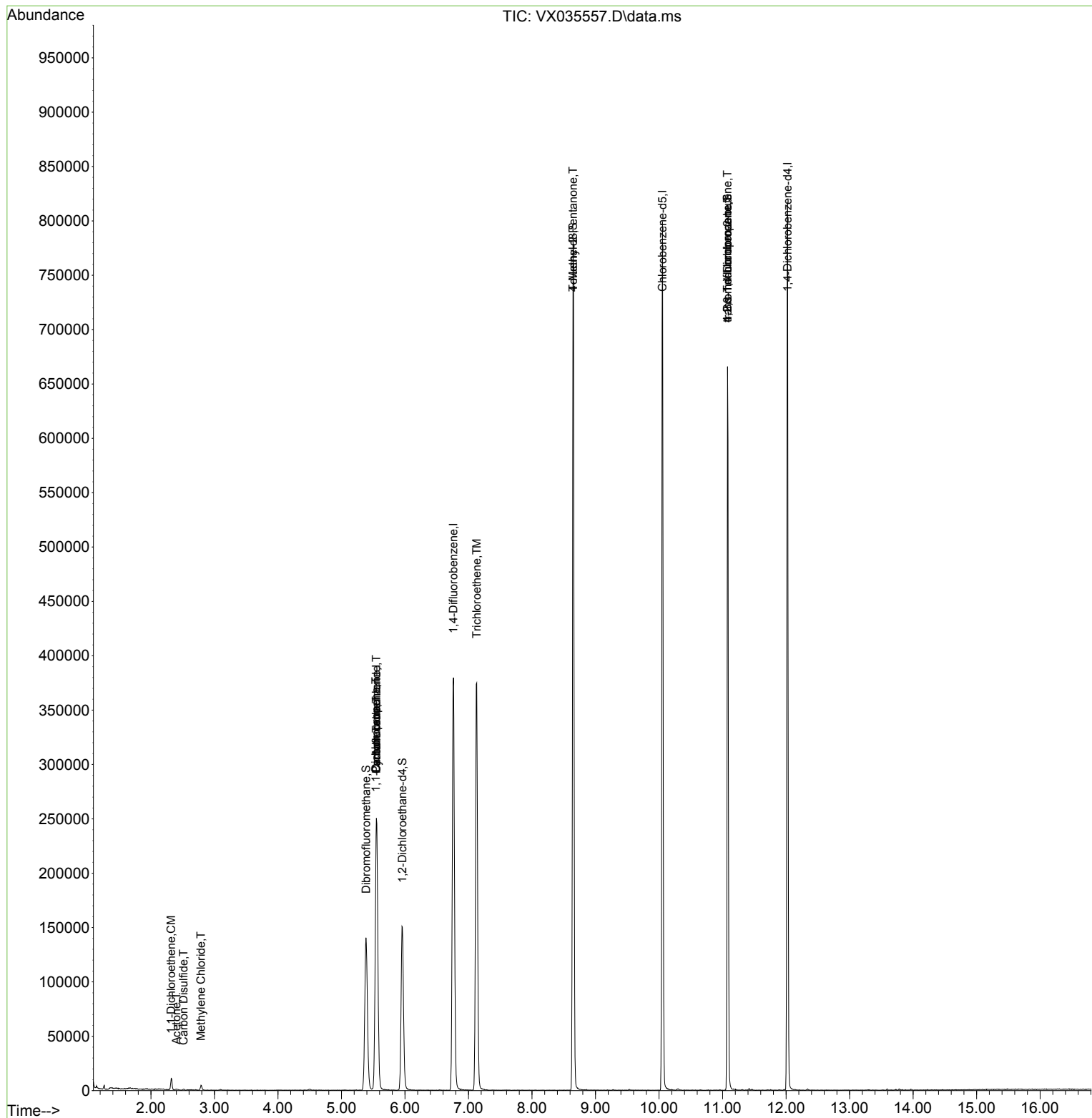
Internal Standards						
1) Pentafluorobenzene	5.550	168	246642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146198	49.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.385	113	126280	51.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	8.647	98	470535	50.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.079	95	184165	52.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	3451	1.441	ug/l	94
16) Acetone	2.398	43	1084	0.839	ug/l #	83
17) Carbon Disulfide	2.514	76	1190	0.207	ug/l	96
20) Methylene Chloride	2.788	84	1990	0.672	ug/l #	91
31) Cyclohexane	5.550	56	4738	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17643	4.578	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24714	6.756	ug/l #	16
44) Trichloroethene	7.129	130	156486	51.387	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1960	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	91105	25.644	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91105	83.057	ug/l #	8

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

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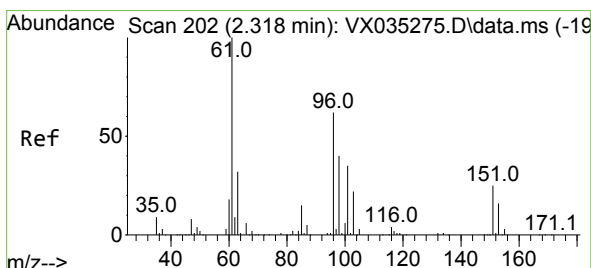
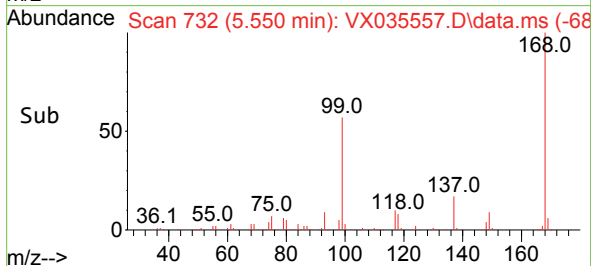
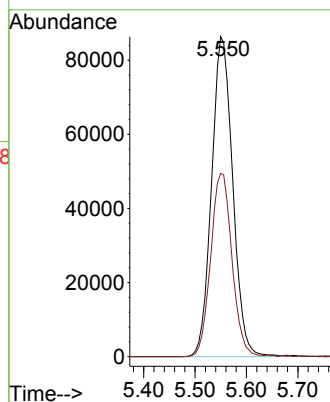
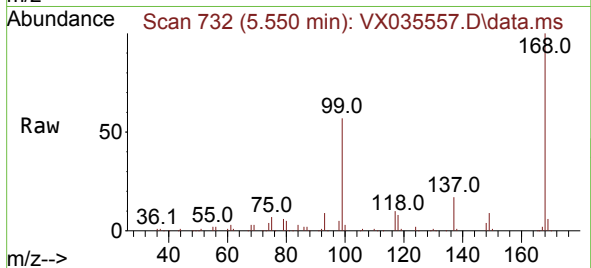




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

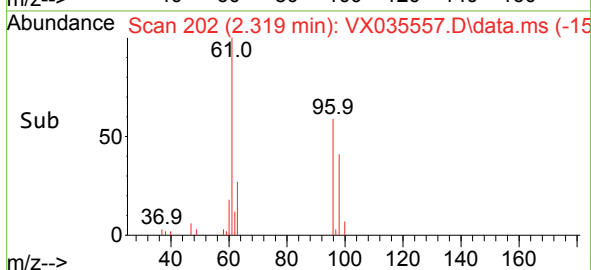
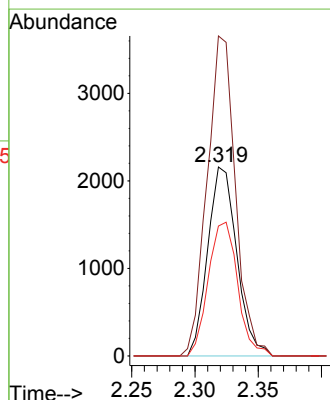
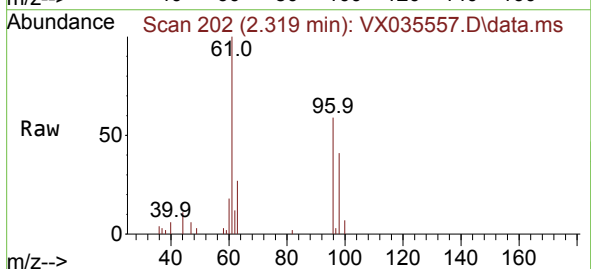
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-99-05042023DL

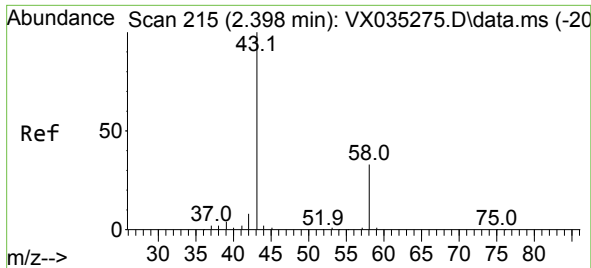
Tgt Ion:168 Resp: 246642
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#12
1,1-Dichloroethene
Concen: 1.441 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion: 96 Resp: 3451
Ion Ratio Lower Upper
96 100
61 169.4 128.8 193.2
98 68.8 51.4 77.0

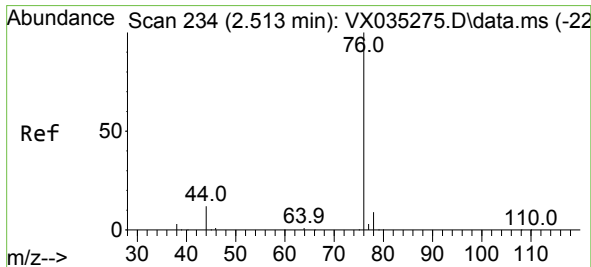
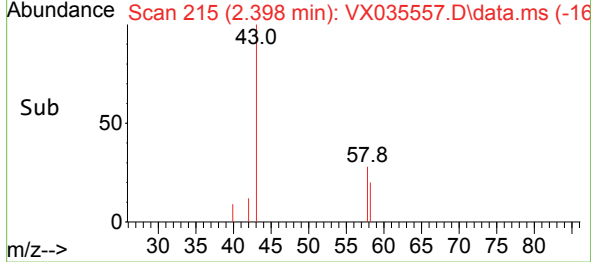
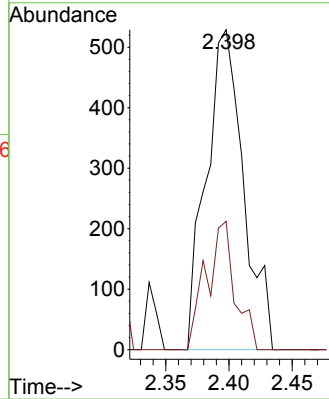
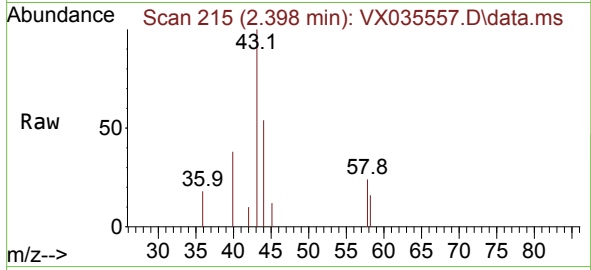




#16
Acetone
Concen: 0.839 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

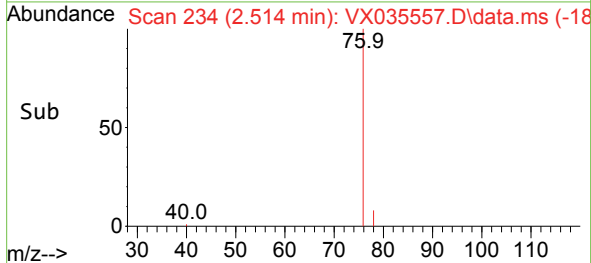
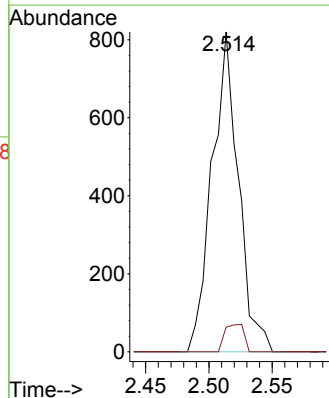
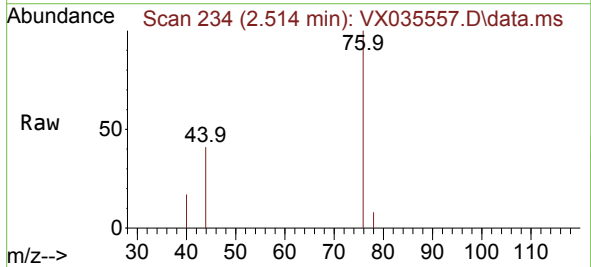
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-06-99-05042023DL

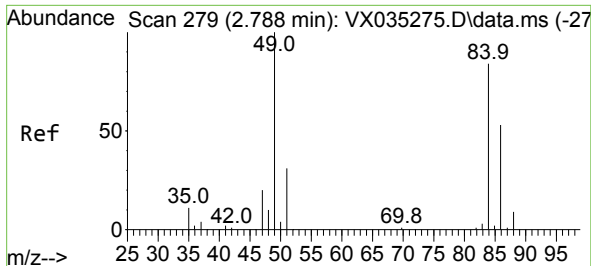
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 40.1 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion: 76 Resp: 1190
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

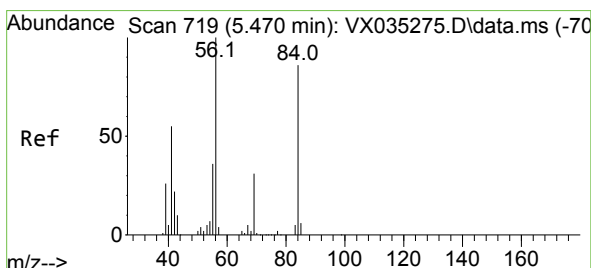
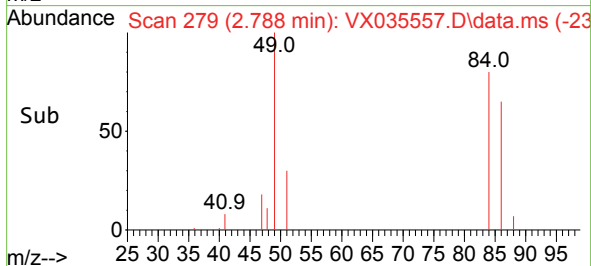
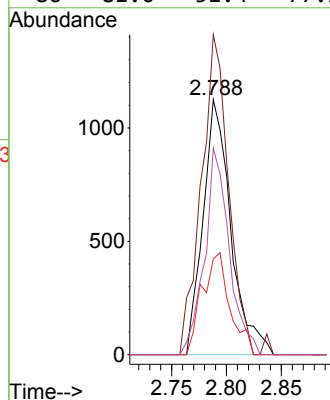
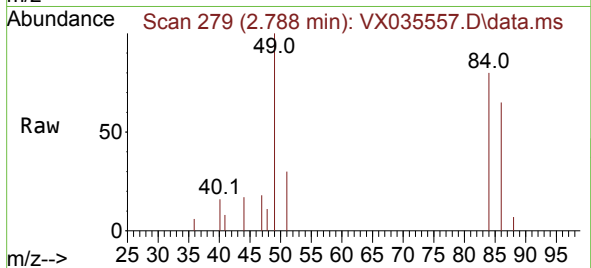




#20
Methylene Chloride
Concen: 0.672 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

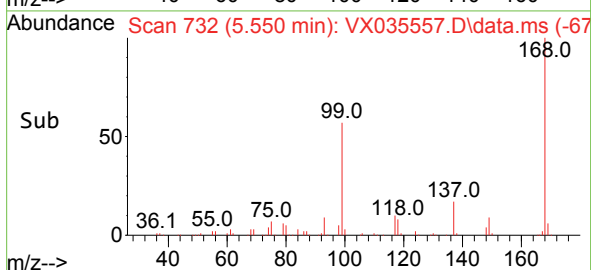
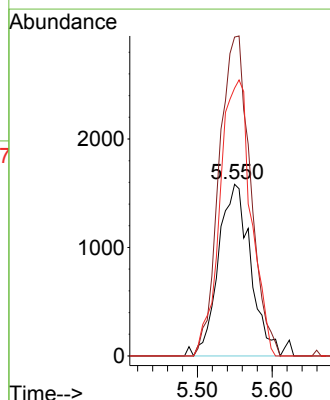
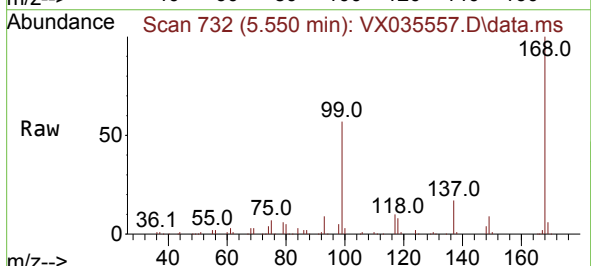
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-99-05042023DL

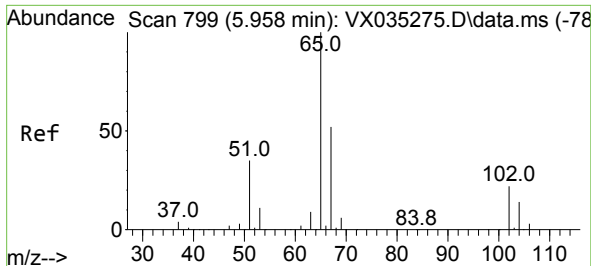
Tgt Ion:	84	Resp:	1990
Ion	Ratio	Lower	Upper
84	100		
49	125.4	103.8	155.8
51	37.5	31.8	47.8
86	81.0	51.4	77.2#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion:	56	Resp:	4738
Ion	Ratio	Lower	Upper
56	100		
69	185.8	23.7	35.5#
84	156.1	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.132 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035557.D

Acq: 08 May 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

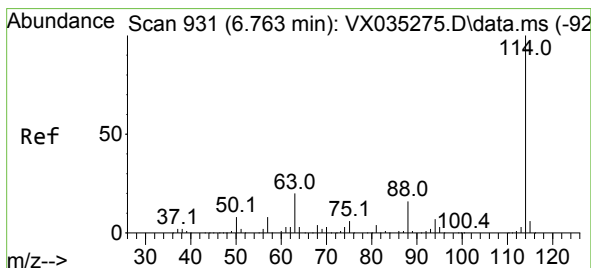
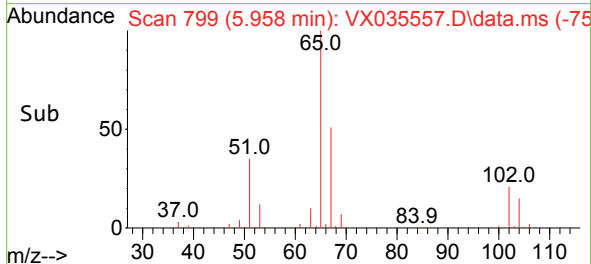
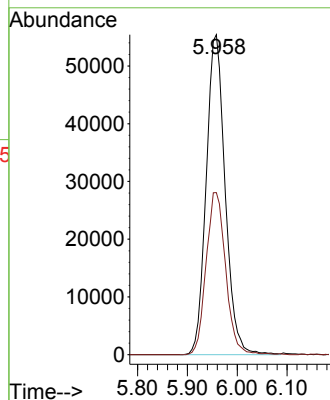
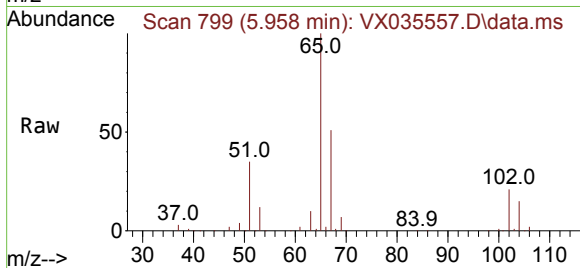
FSND-PRO-06-99-05042023DL

Tgt Ion: 65 Resp: 146198

Ion Ratio Lower Upper

65 100

67 52.2 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: VX035557.D

Acq: 08 May 2023 14:04

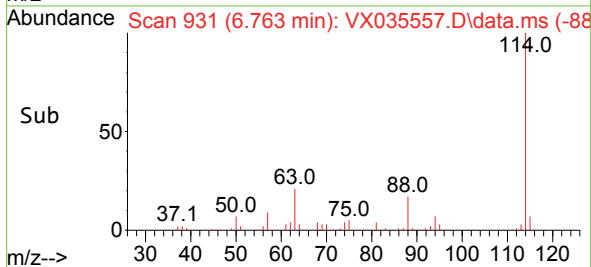
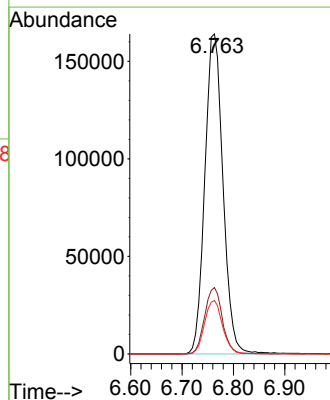
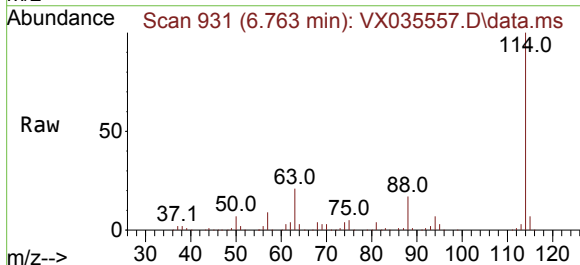
Tgt Ion: 114 Resp: 402085

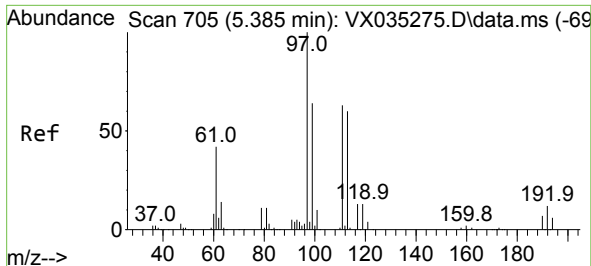
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.7 0.0 33.2

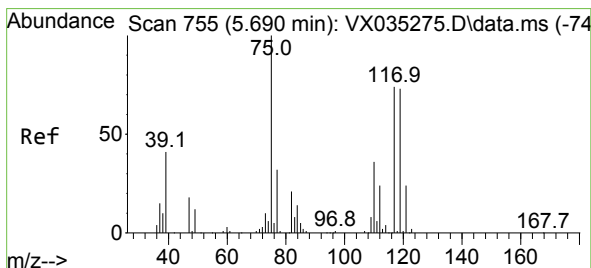
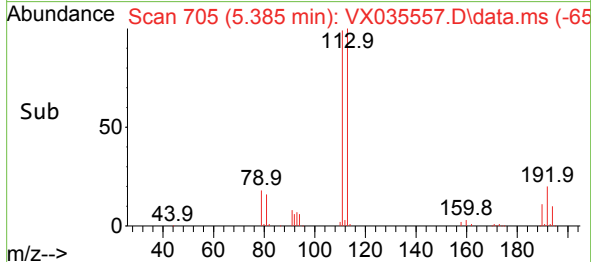
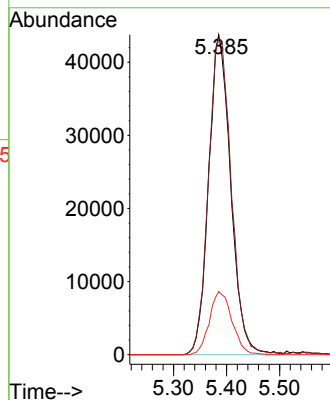
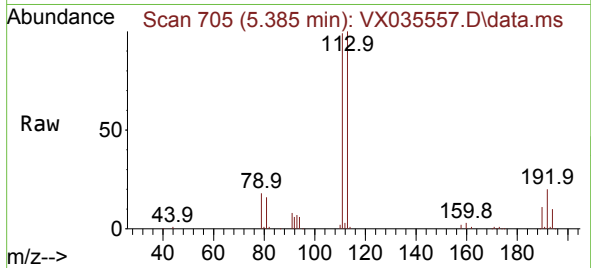




#35
Dibromofluoromethane
Concen: 51.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

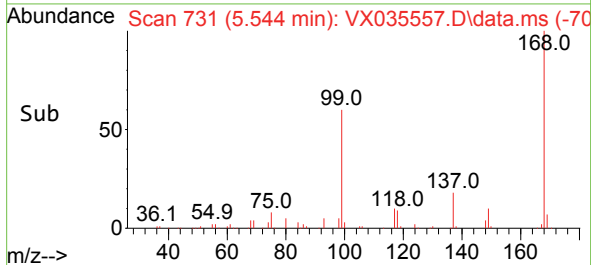
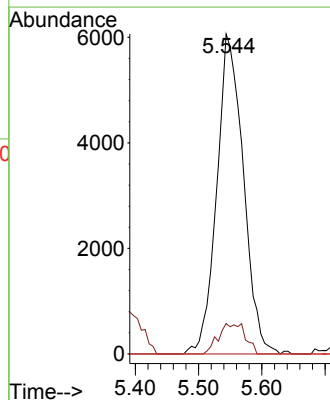
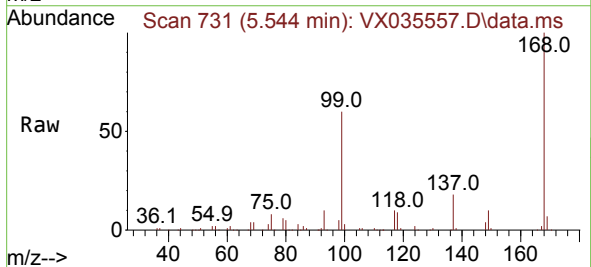
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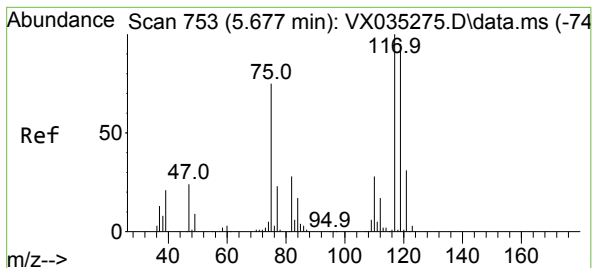
Tgt Ion:113 Resp: 126280
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion: 75 Resp: 17643
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.756 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.127 min

Lab File: VX035557.D

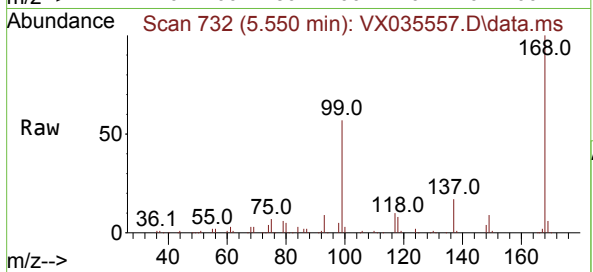
Acq: 08 May 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-06-99-05042023DL



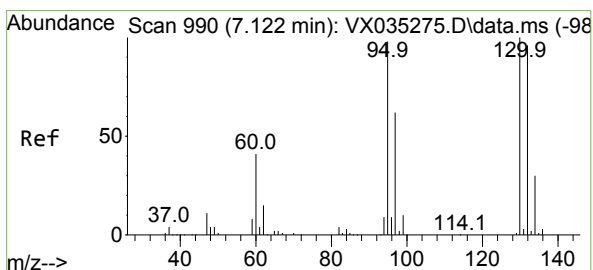
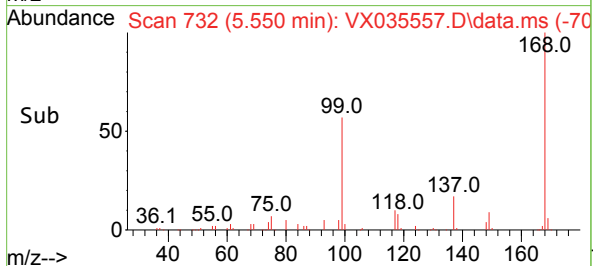
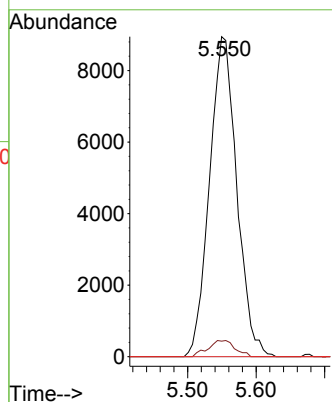
Tgt Ion:117 Resp: 24714

Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#



#44

Trichloroethene

Concen: 51.387 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX035557.D

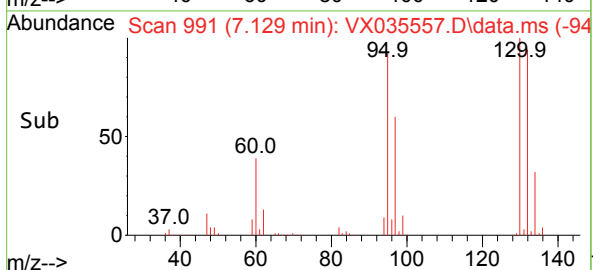
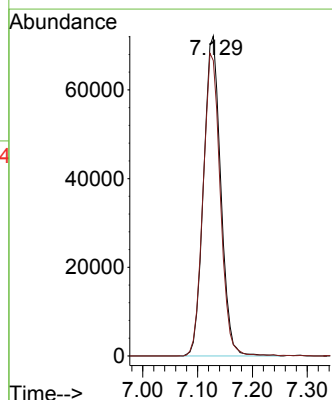
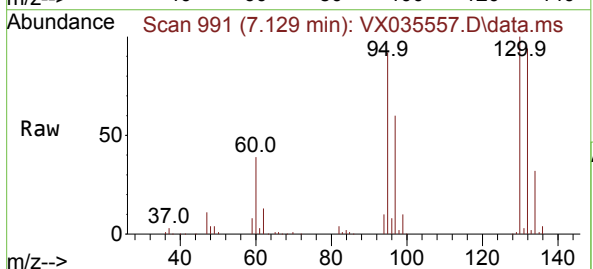
Acq: 08 May 2023 14:04

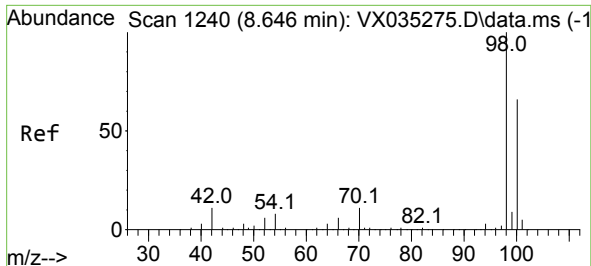
Tgt Ion:130 Resp: 156486

Ion Ratio Lower Upper

130 100

95 92.2 0.0 198.4

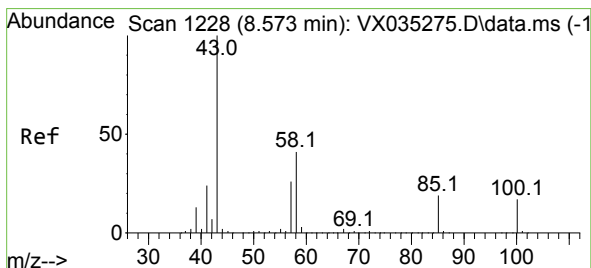
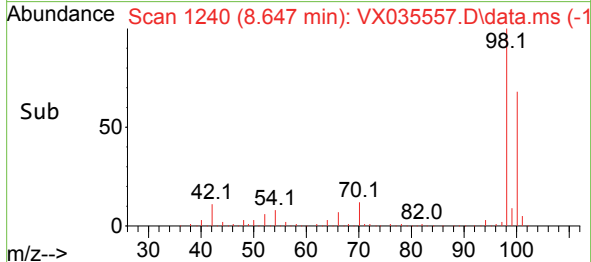
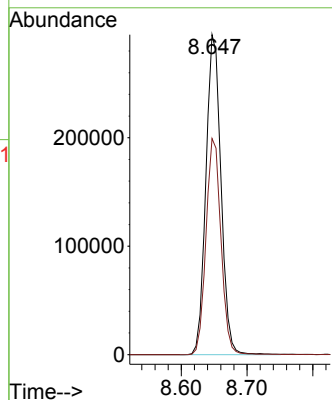
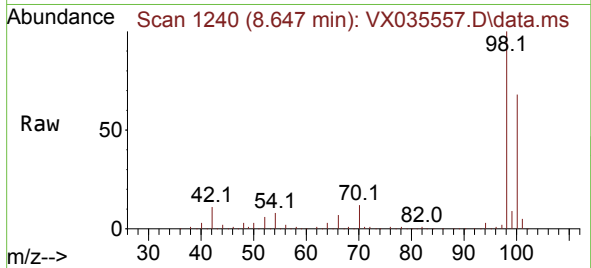




#50
Toluene-d8
Concen: 50.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

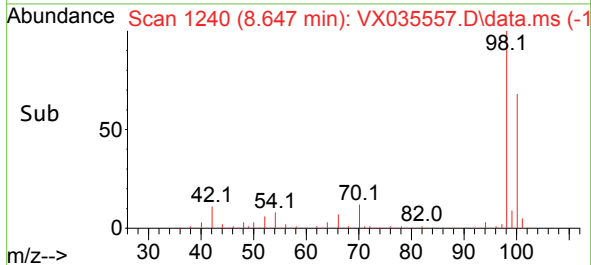
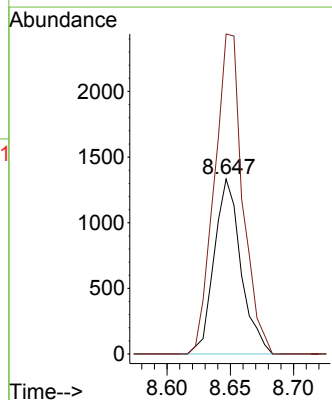
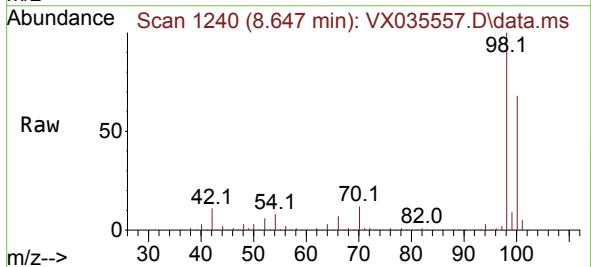
Instrument :
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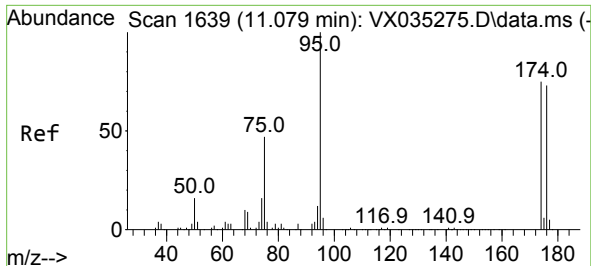
Tgt Ion: 98 Resp: 470535
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
58 193.5 30.6 46.0#

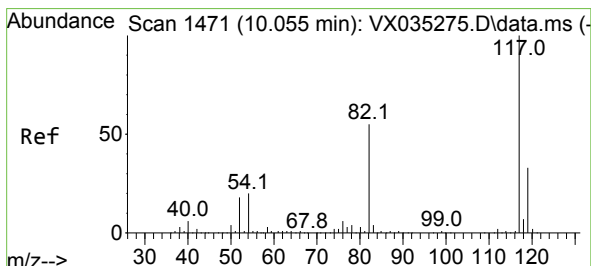
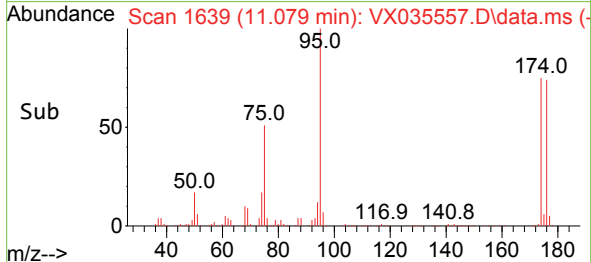
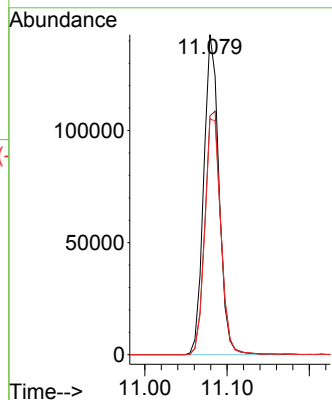
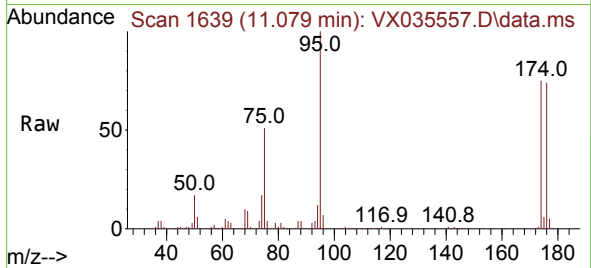




#62
4-Bromofluorobenzene
Concen: 52.587 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

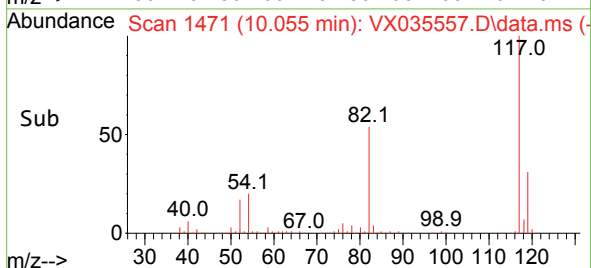
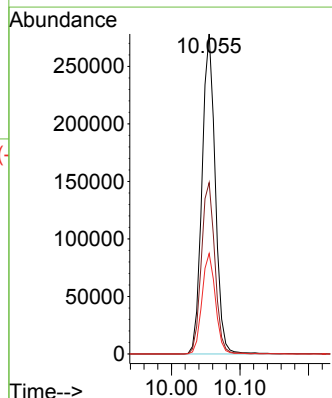
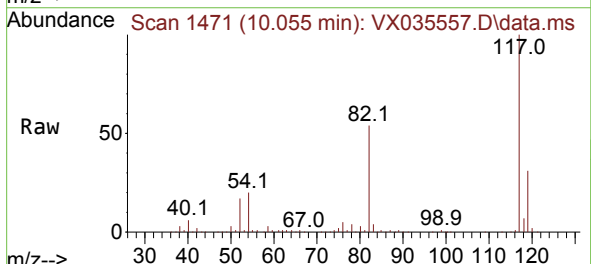
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-99-05042023DL

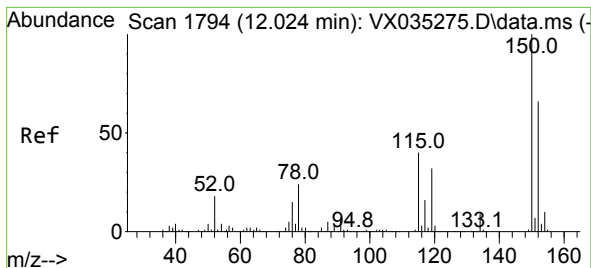
Tgt Ion: 95 Resp: 184165
Ion Ratio Lower Upper
95 100
174 78.8 0.0 147.4
176 77.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Tgt Ion: 117 Resp: 374806
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.4 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: VX035557.D

Acq: 08 May 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-06-99-05042023DL

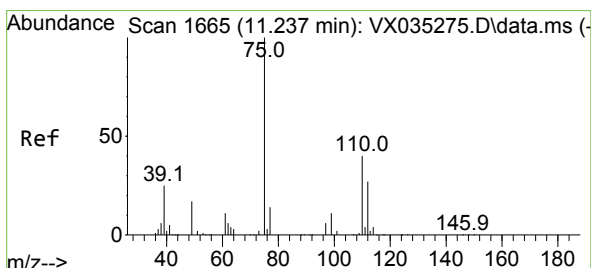
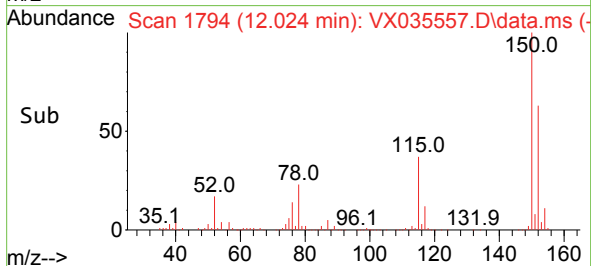
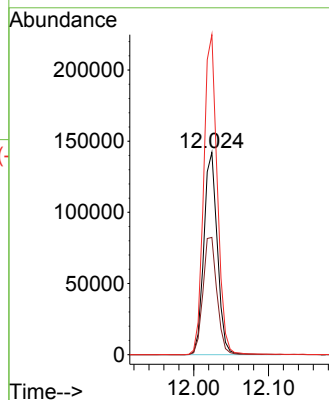
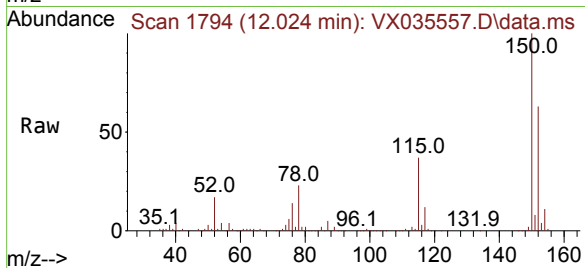
Tgt Ion:152 Resp: 178097

Ion Ratio Lower Upper

152 100

115 60.0 45.0 135.0

150 159.5 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.644 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035557.D

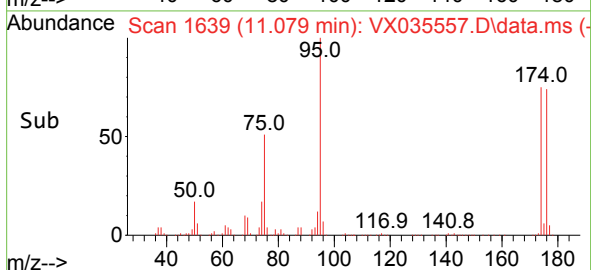
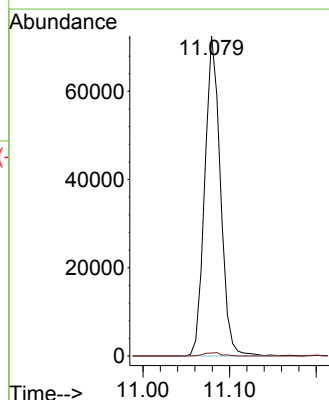
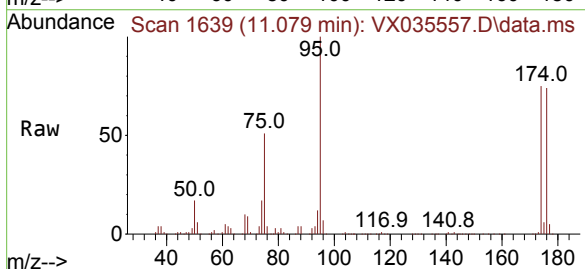
Acq: 08 May 2023 14:04

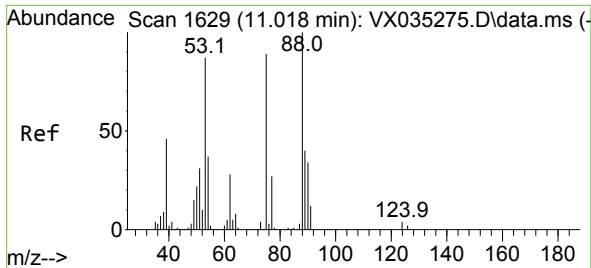
Tgt Ion: 75 Resp: 91105

Ion Ratio Lower Upper

75 100

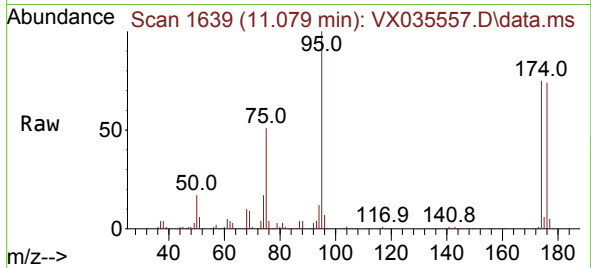
77 1.2 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.057 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035557.D
Acq: 08 May 2023 14:04

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-06-99-05042023DL



Tgt Ion: 75 Resp: 91105
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

