

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035783.D
 Acq On : 22 May 2023 14:38
 Operator : JC/MD
 Sample : 02860-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-10-131-05152023DL

Quant Time: May 23 06:12:04 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	5.555	168	211224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183352	49.758	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.385	113	120375	47.533	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.646	98	435731	46.574	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.140%		
62) 4-Bromofluorobenzene	11.079	95	171662	45.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.140%		
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	2620	1.654	ug/l #	87
20) Methylene Chloride	2.794	84	1829	0.637	ug/l #	85
31) Cyclohexane	5.549	56	5895	1.266	ug/l #	44
36) 1,1-Dichloropropene	5.549	75	19984	4.999	ug/l #	50
38) Carbon Tetrachloride	5.555	117	25096	6.627	ug/l #	16
39) Methylcyclohexane	7.134	83	1763	0.375	ug/l #	1
44) Trichloroethene	7.122	130	130744	46.109	ug/l	91
49) 1,4-Dioxane	7.714	88	25	2.315	ug/l #	23
59) 2-Hexanone	9.518	43	10795	3.422	ug/l #	45
74) N-amyl acetate	10.853	43	1178	0.207	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	94455	26.691	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94455	86.020	ug/l #	8

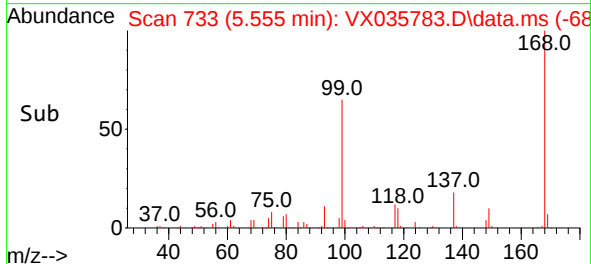
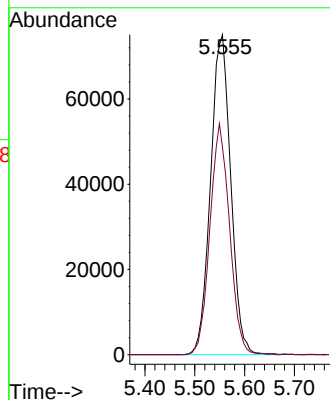
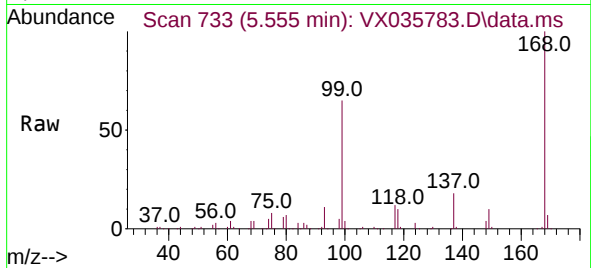
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

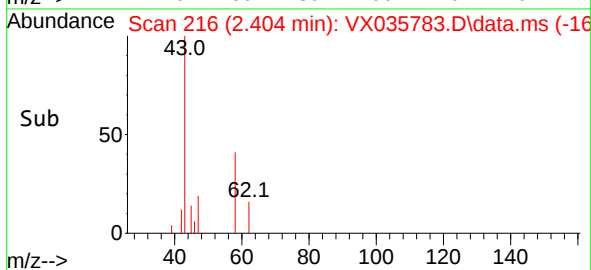
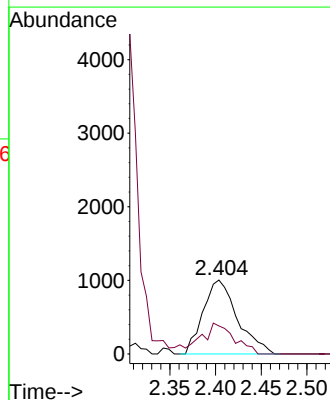
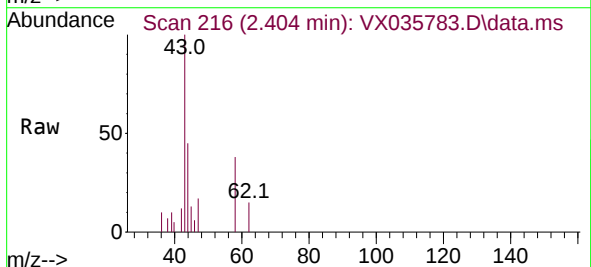
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-131-05152023DL

Tgt Ion:168 Resp: 211224
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5



#16
Acetone
Concen: 1.654 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 43 Resp: 2620
Ion Ratio Lower Upper
43 100
58 37.8 24.7 37.1#

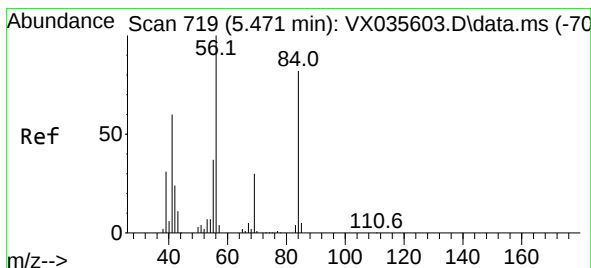
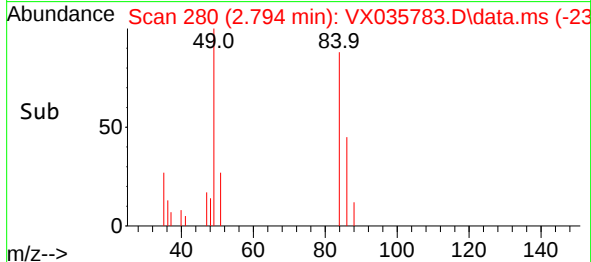
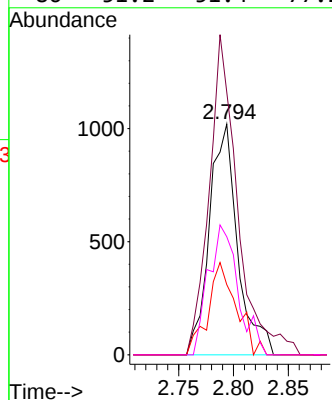
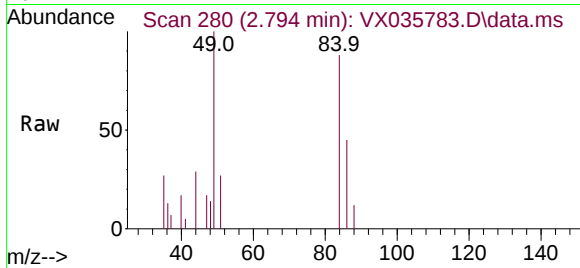




#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

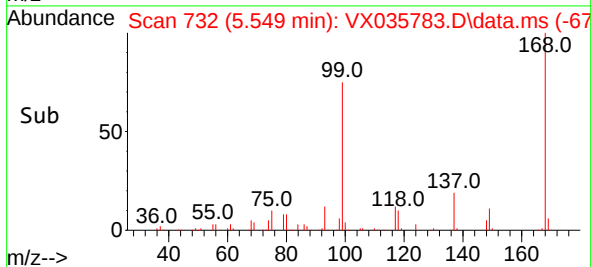
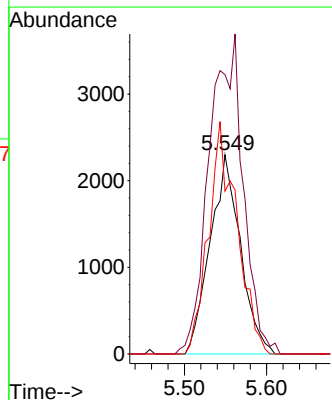
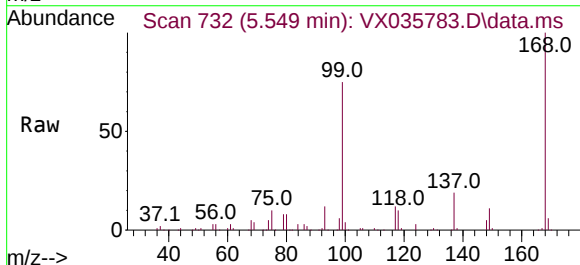
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-131-05152023DL

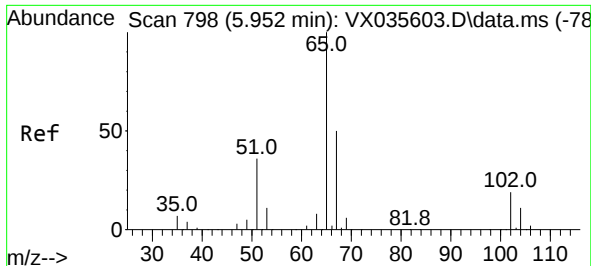
Tgt Ion:	84	Resp:	1829
Ion	Ratio	Lower	Upper
84	100		
49	113.8	103.8	155.8
51	30.4	31.8	47.8#
86	51.2	51.4	77.2#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion:	56	Resp:	5895
Ion	Ratio	Lower	Upper
56	100		
69	140.3	23.7	35.5#
84	81.8	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 49.758 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035783.D

Acq: 22 May 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

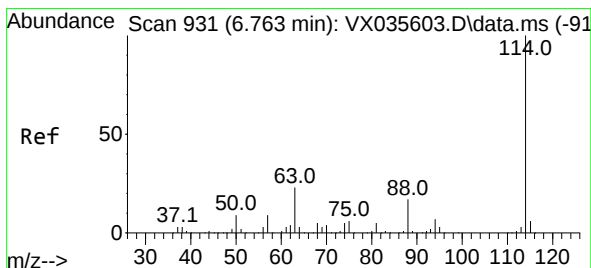
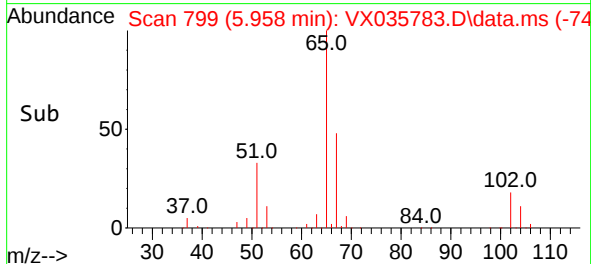
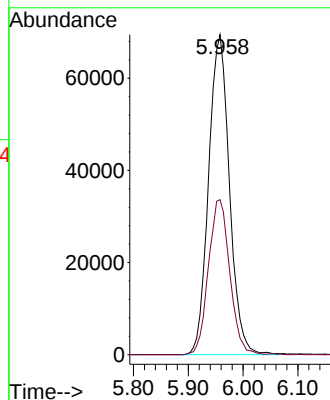
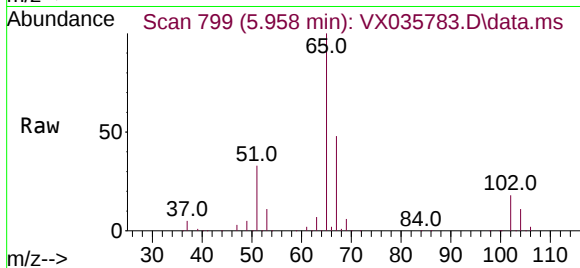
FSND-PRO-10-131-05152023DL

Tgt Ion: 65 Resp: 183352

Ion Ratio Lower Upper

65 100

67 49.6 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: VX035783.D

Acq: 22 May 2023 14:38

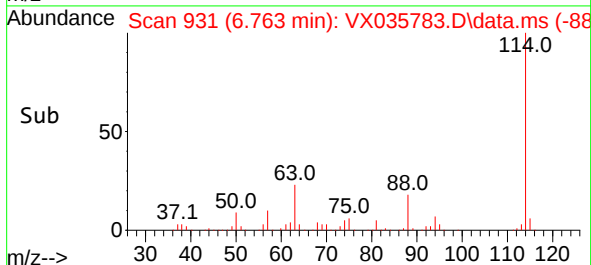
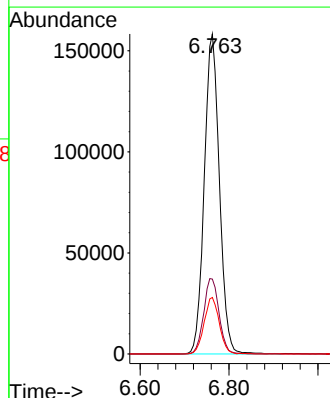
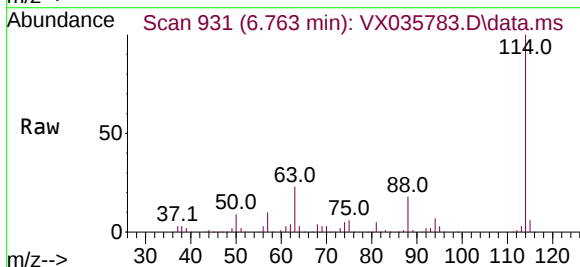
Tgt Ion: 114 Resp: 375516

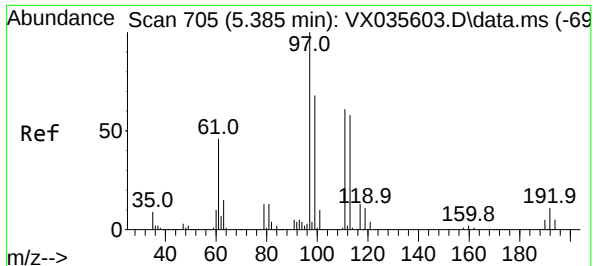
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.533 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035783.D

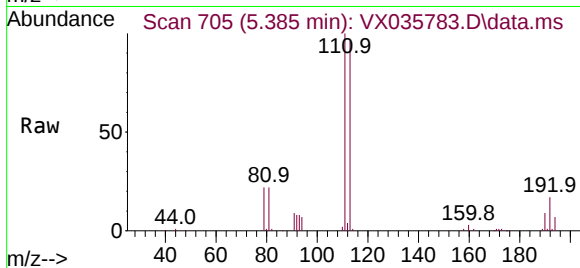
Acq: 22 May 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-10-131-05152023DL



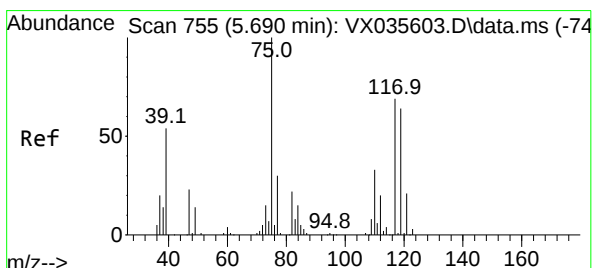
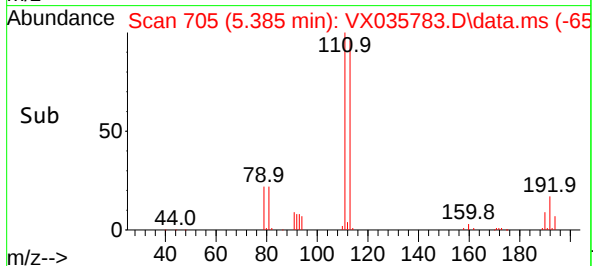
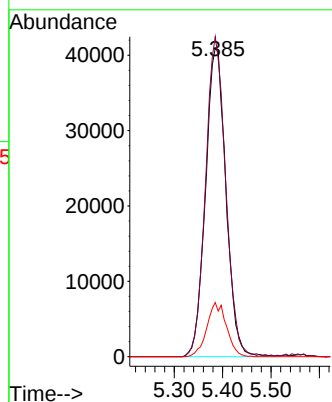
Tgt Ion:113 Resp: 120375

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

192 16.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.999 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX035783.D

Acq: 22 May 2023 14:38

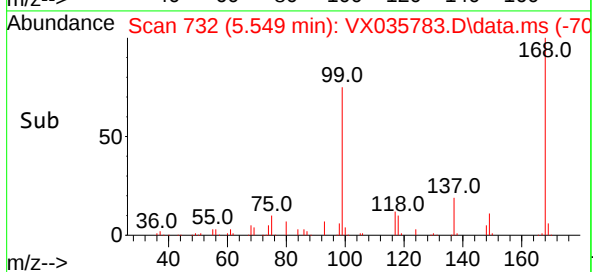
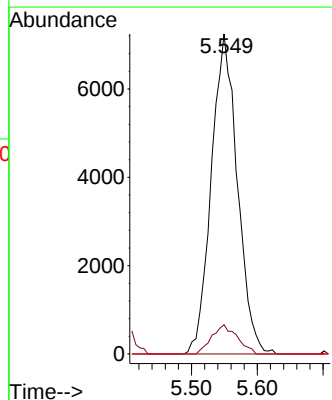
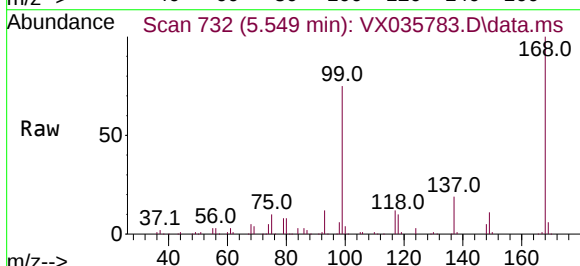
Tgt Ion: 75 Resp: 19984

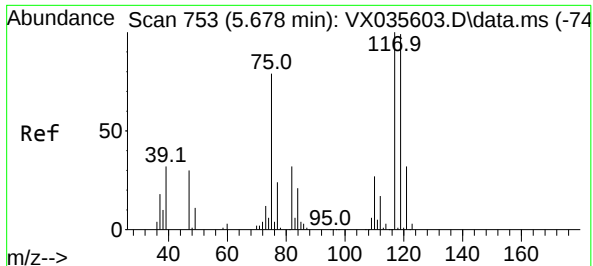
Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

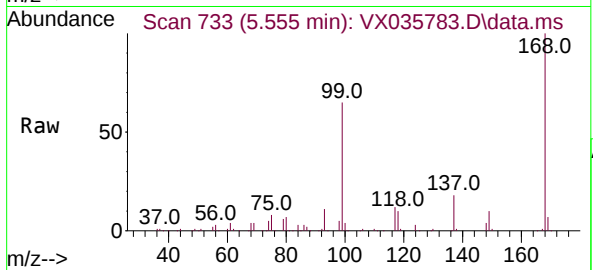
77 0.0 24.3 36.5#



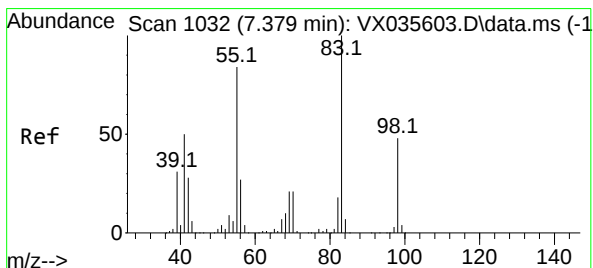
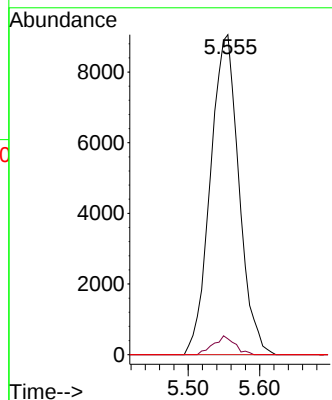
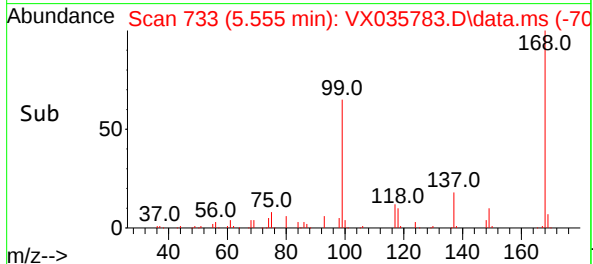


#38
Carbon Tetrachloride
Concen: 6.627 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.123 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-131-05152023DL

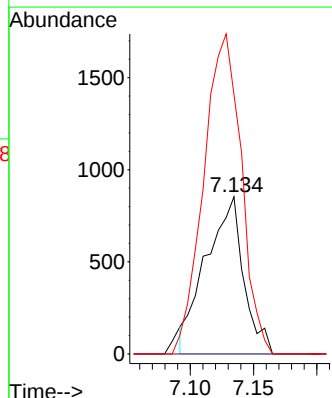
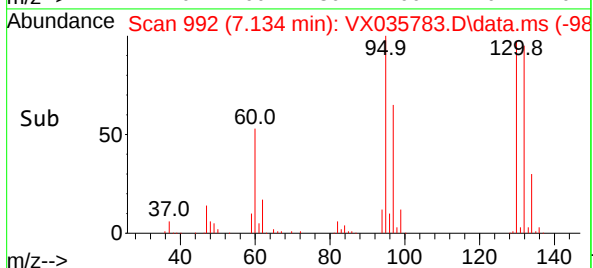
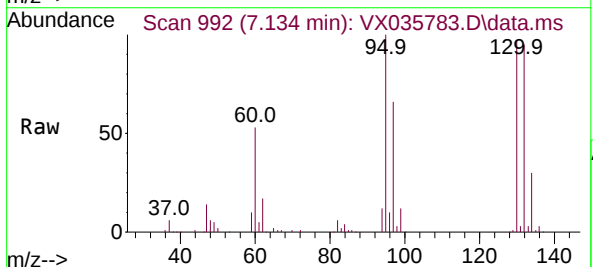


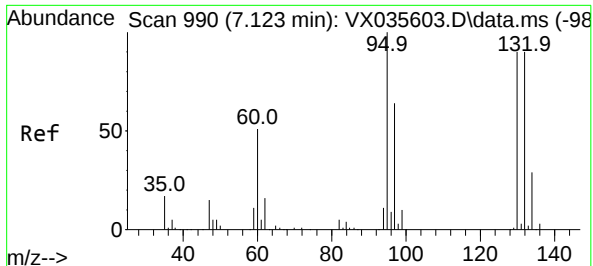
Tgt Ion:117 Resp: 25096
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.375 ug/l
RT: 7.134 min Scan# 992
Delta R.T. -0.245 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 83 Resp: 1763
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 165.2 40.4 60.6#

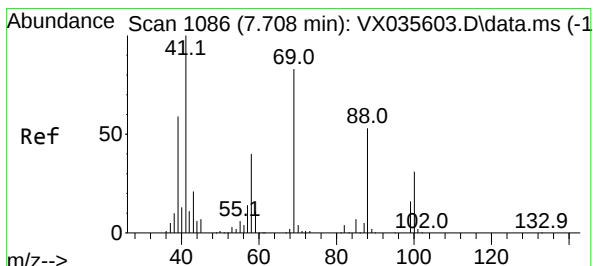
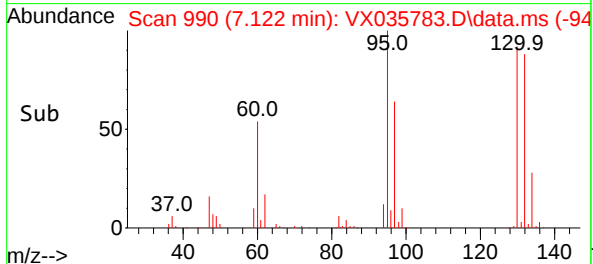
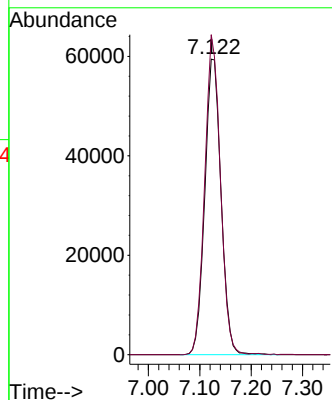
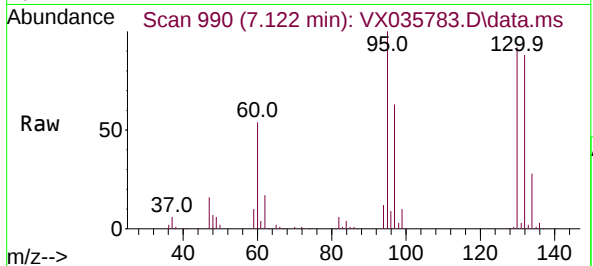




#44
Trichloroethene
Concen: 46.109 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

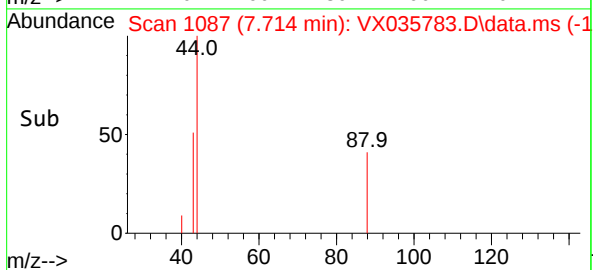
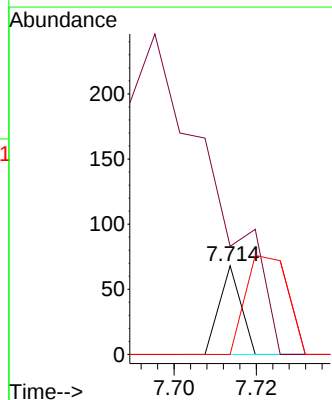
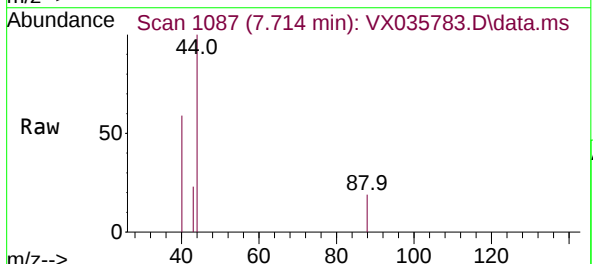
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ClientSampleId :
FSND-PRO-10-131-05152023DL

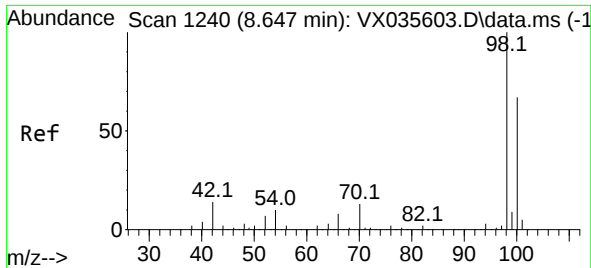
Tgt Ion:130 Resp: 130744
Ion Ratio Lower Upper
130 100
95 108.3 0.0 198.4



#49
1,4-Dioxane
Concen: 2.315 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

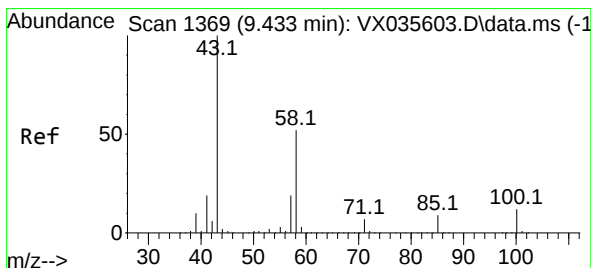
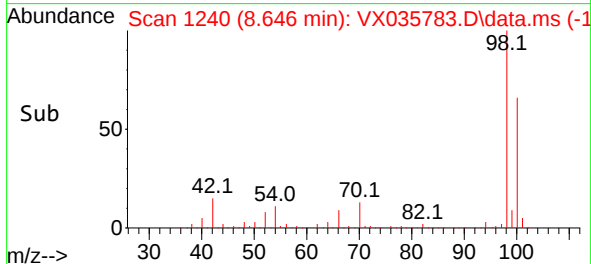
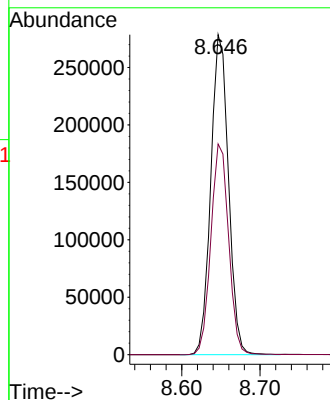
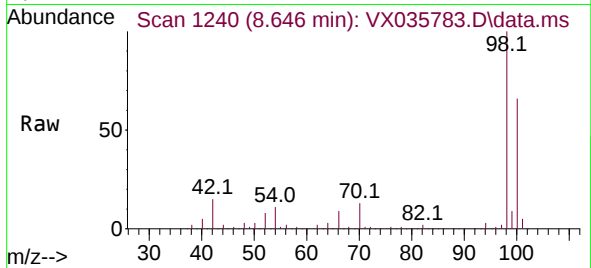




#50
Toluene-d8
Concen: 46.574 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

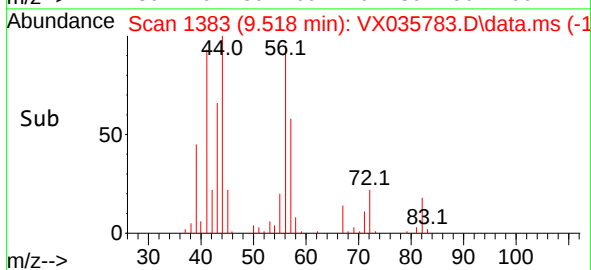
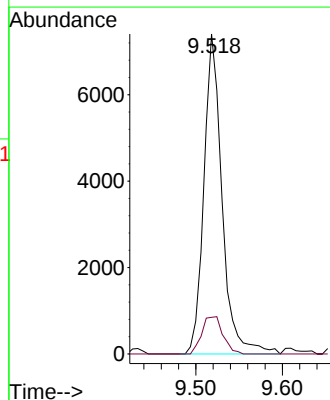
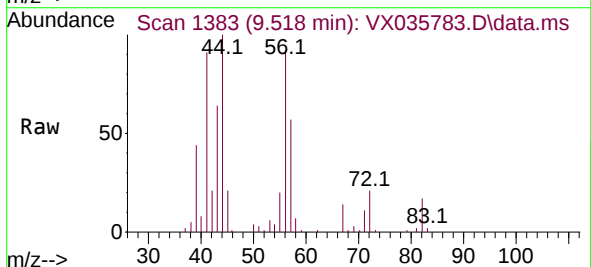
Instrument :
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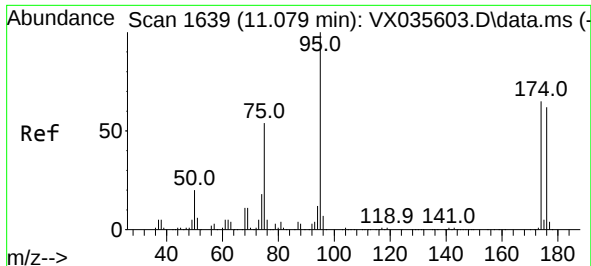
Tgt Ion: 98 Resp: 435731
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#59
2-Hexanone
Concen: 3.422 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.085 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 43 Resp: 10795
Ion Ratio Lower Upper
43 100
58 13.6 26.3 78.9#

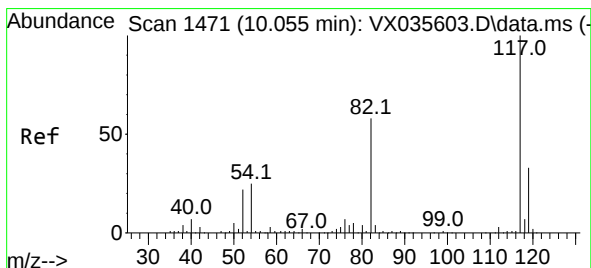
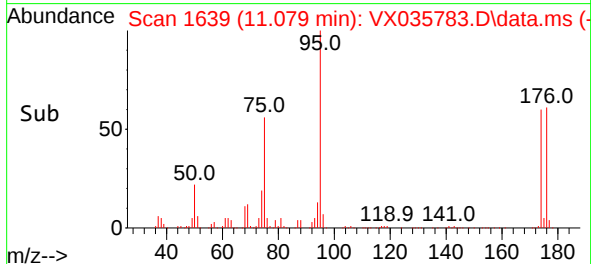
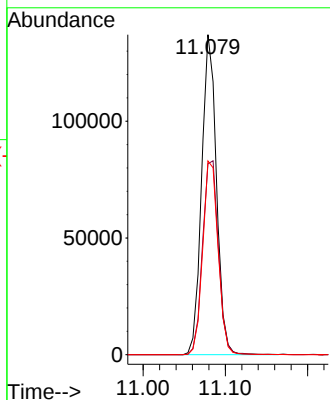
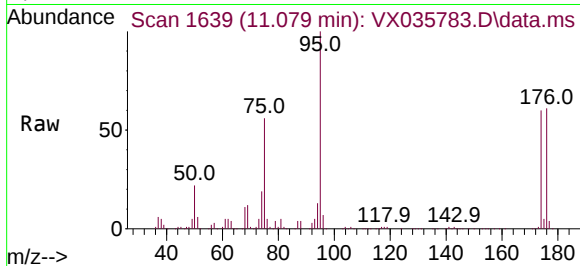




#62
4-Bromofluorobenzene
Concen: 45.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

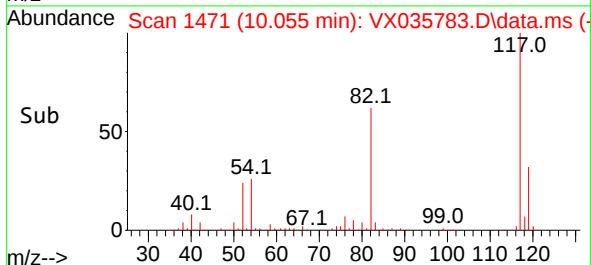
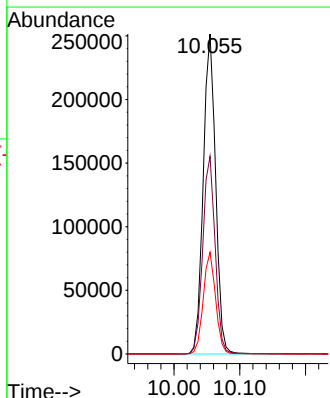
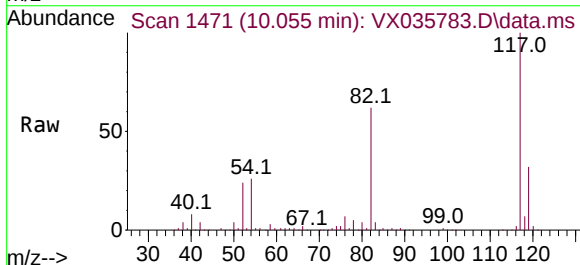
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-10-131-05152023DL

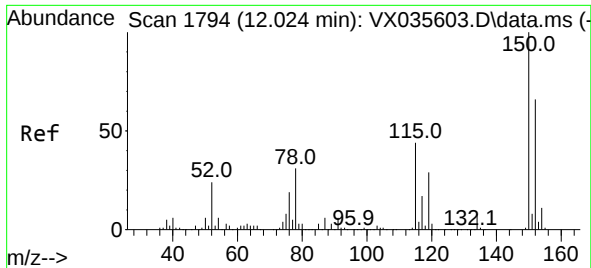
Tgt Ion: 95 Resp: 171662
Ion Ratio Lower Upper
95 100
174 64.9 0.0 147.4
176 62.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 117 Resp: 329529
Ion Ratio Lower Upper
117 100
82 61.7 45.0 67.4
119 31.8 26.0 39.0

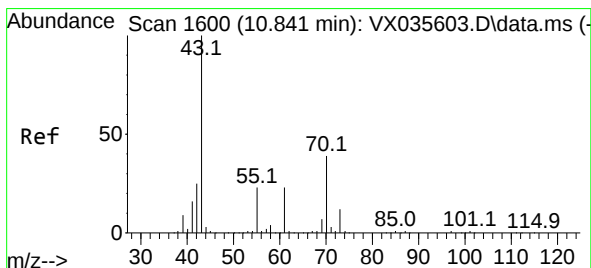
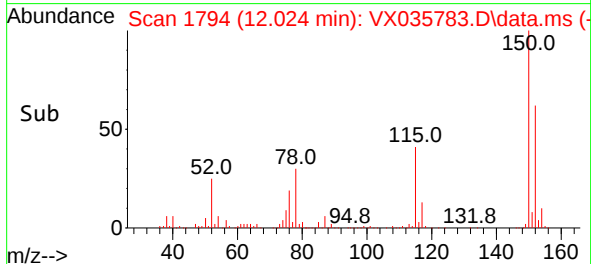
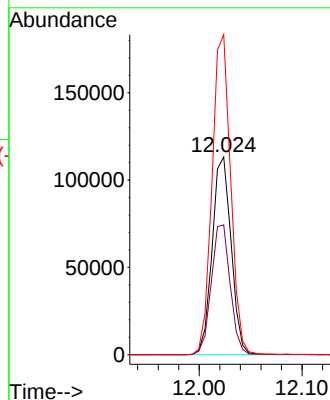
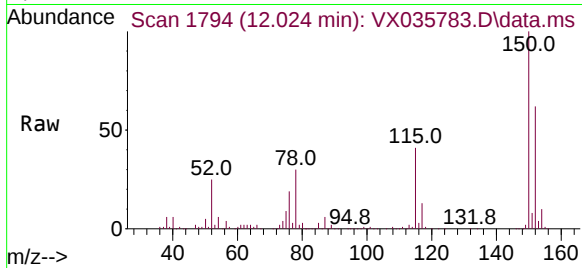




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

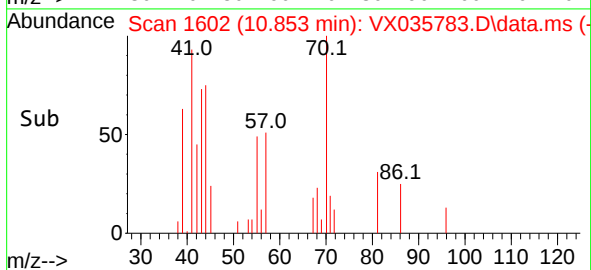
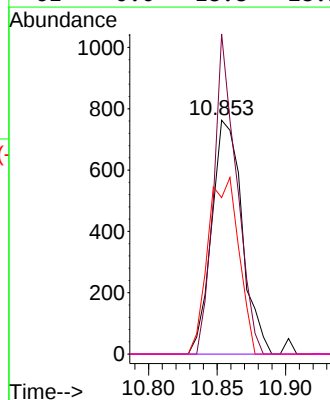
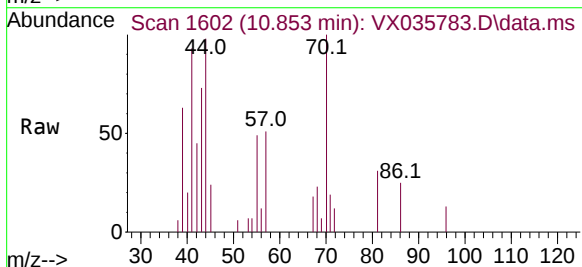
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-131-05152023DL

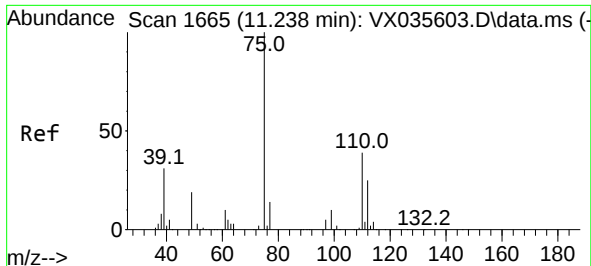
Tgt Ion:152 Resp: 144678
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 159.0 0.0 352.4



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
70 102.9 32.1 48.1#
55 76.6 18.3 27.5#
61 0.0 18.8 28.2#

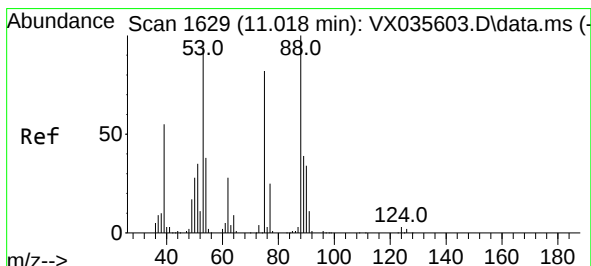
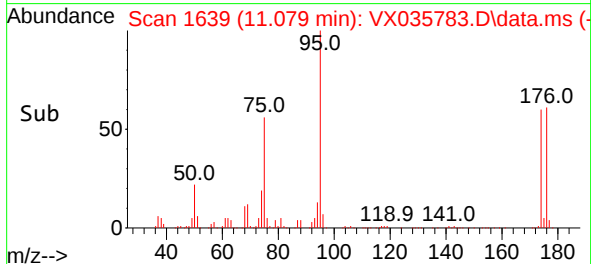
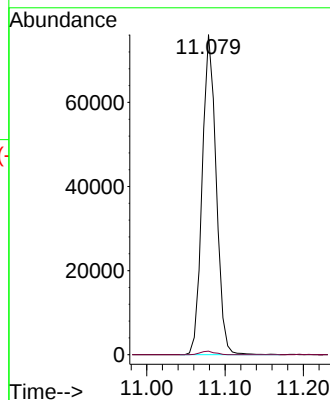
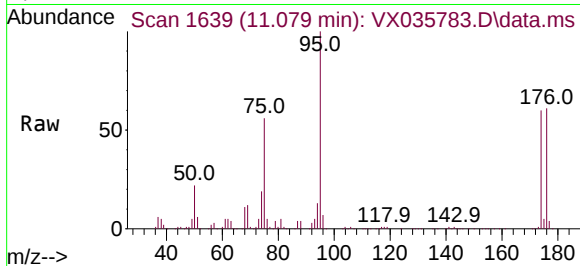




#76
1,2,3-Trichloropropane
Concen: 26.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-131-05152023DL

Tgt Ion: 75 Resp: 94455
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035783.D
Acq: 22 May 2023 14:38

Tgt Ion: 75 Resp: 94455
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

