

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035666.D
 Acq On : 15 May 2023 15:36
 Operator : JC/MD
 Sample : 02751-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-04-71-05092023

Quant Time: May 16 05:00:27 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)

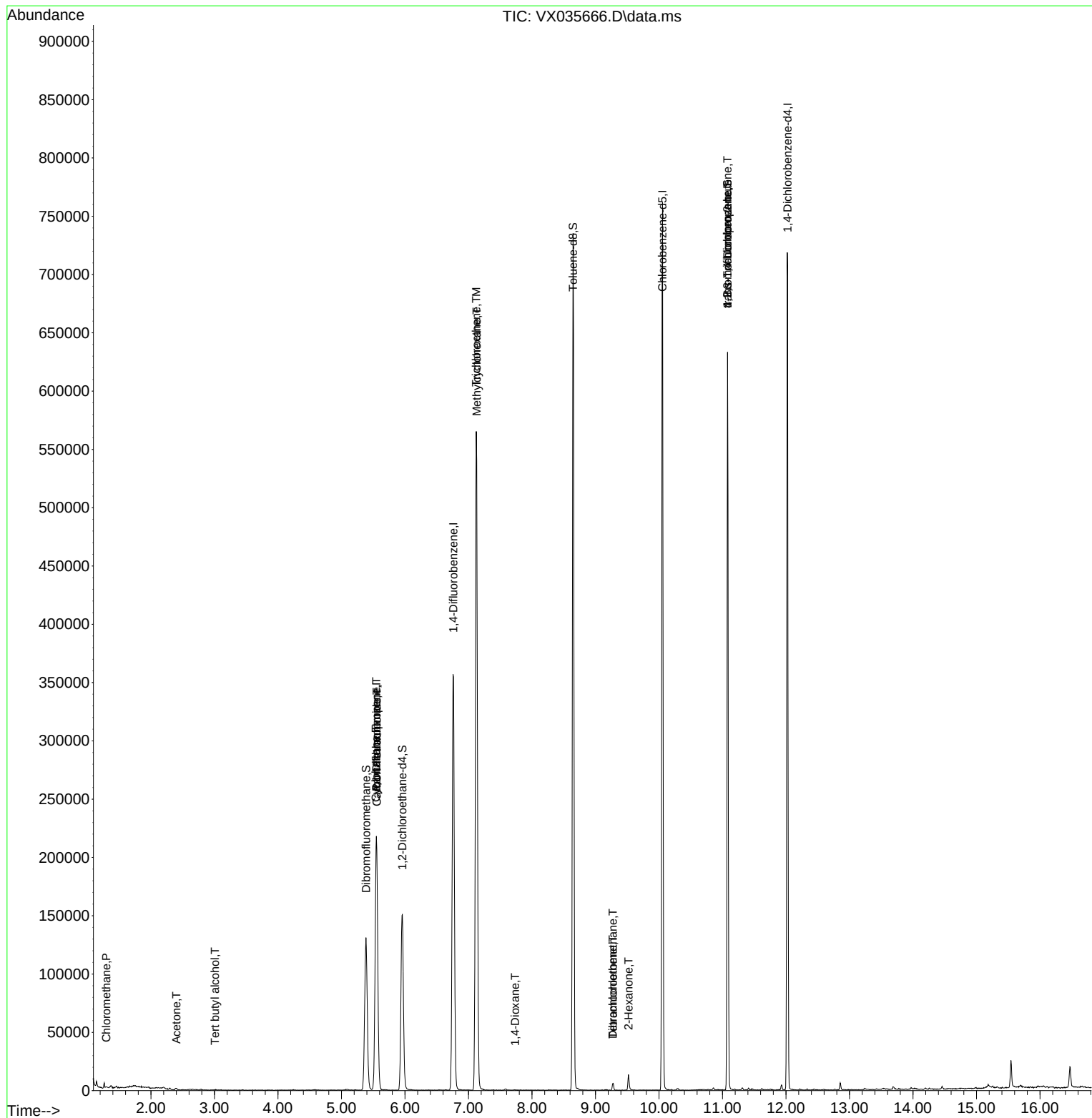
Internal Standards						
1) Pentafluorobenzene	5.550	168	188231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155186	47.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	111693	47.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.880%		
50) Toluene-d8	8.647	98	413493	48.045	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.100%		
62) 4-Bromofluorobenzene	11.079	95	167428	48.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	738	0.248	ug/l	# 82
11) Tert butyl alcohol	3.008	59	239	0.413	ug/l	# 73
16) Acetone	2.398	43	1964	1.392	ug/l	99
31) Cyclohexane	5.544	56	5339	1.287	ug/l	# 17
36) 1,1-Dichloropropene	5.550	75	17790	4.838	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	21834	6.268	ug/l	# 17
39) Methylcyclohexane	7.129	83	2777	0.642	ug/l	# 1
44) Trichloroethene	7.123	130	206817	79.287	ug/l	92
49) 1,4-Dioxane	7.732	88	183	4.499	ug/l	# 79
59) 2-Hexanone	9.519	43	2247	0.774	ug/l	# 47
60) Dibromochloromethane	9.275	129	853	0.351	ug/l	# 10
64) Tetrachloroethene	9.275	164	797	0.375	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	93469	27.837	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	93469	89.715	ug/l	# 8

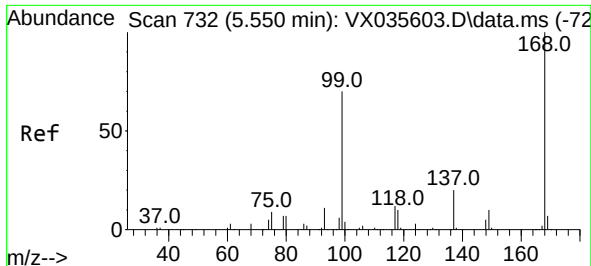
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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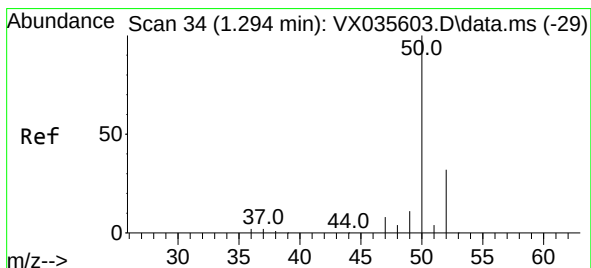
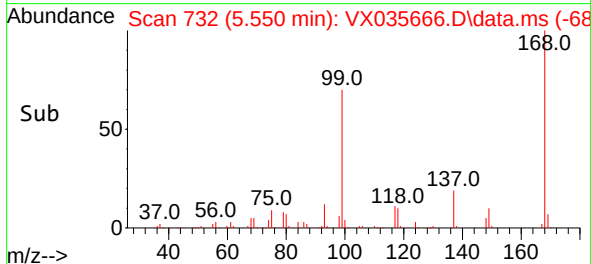
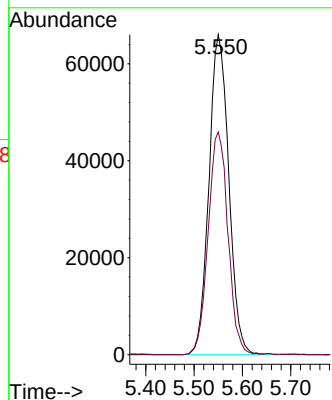
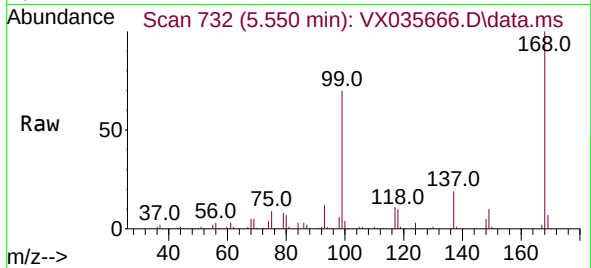




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

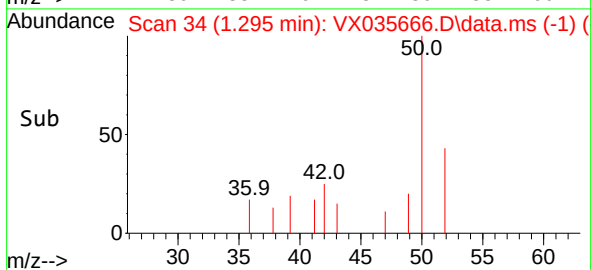
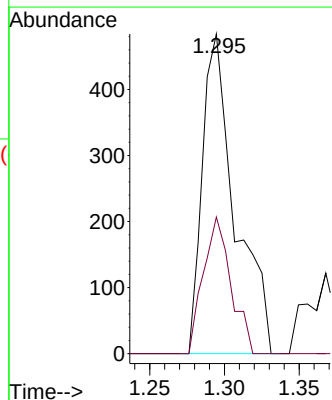
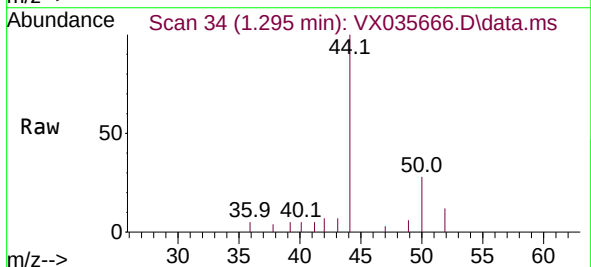
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

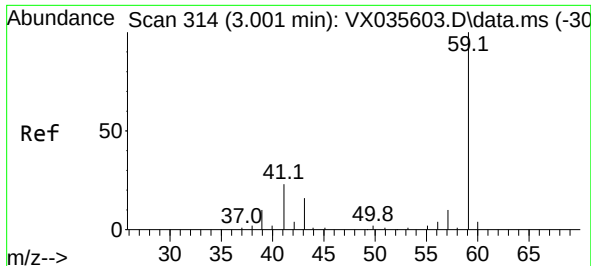
Tgt Ion:168 Resp: 188231
Ion Ratio Lower Upper
168 100
99 69.6 45.7 68.5#



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 42.8 25.9 38.9#

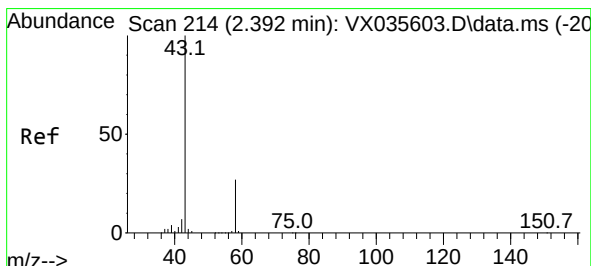
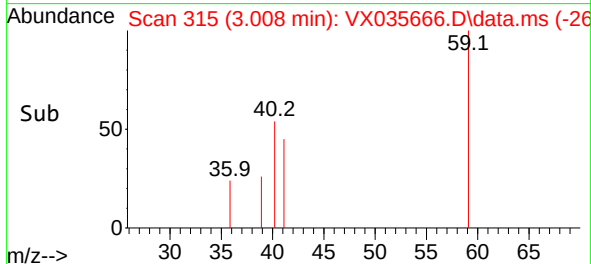
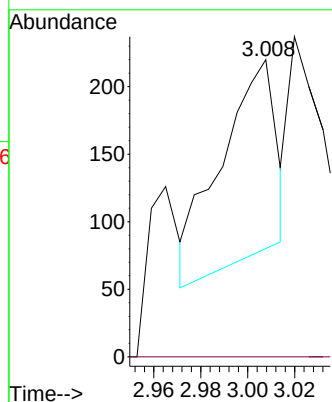
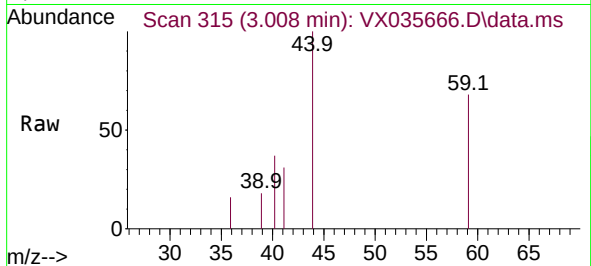




#11
Tert butyl alcohol
Concen: 0.413 ug/l
RT: 3.008 min Scan# 314
Delta R.T. 0.007 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

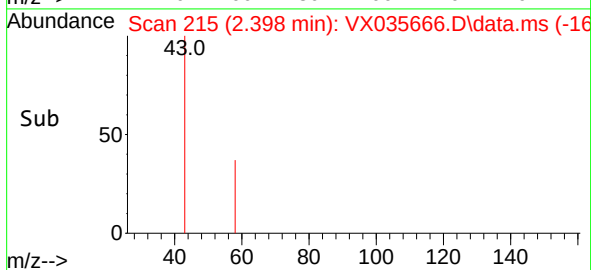
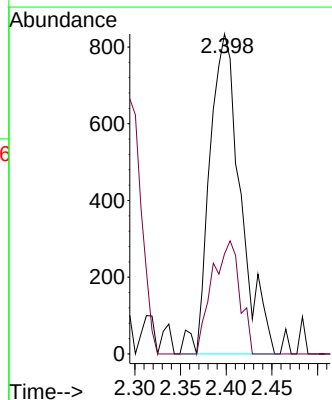
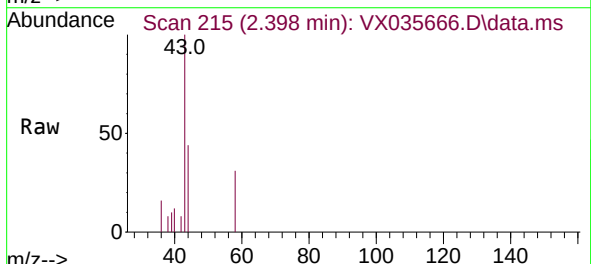
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

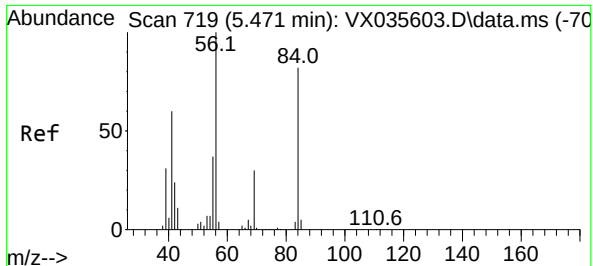
Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.392 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1

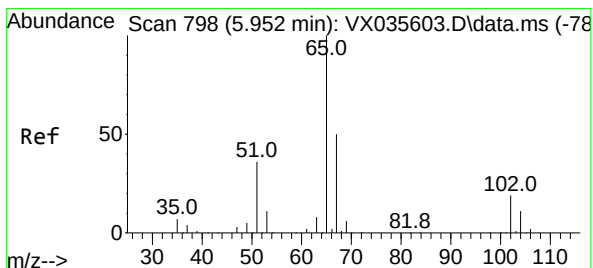
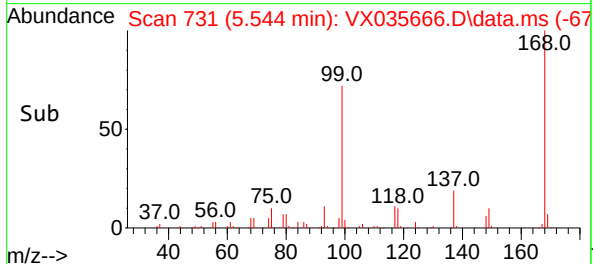
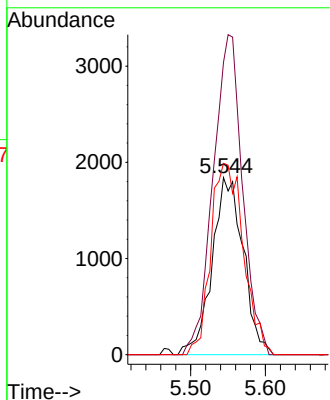
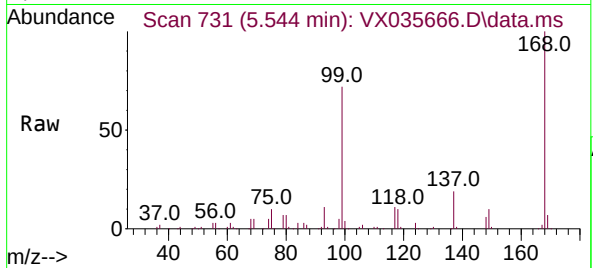




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

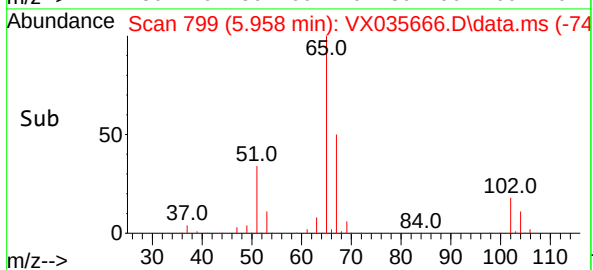
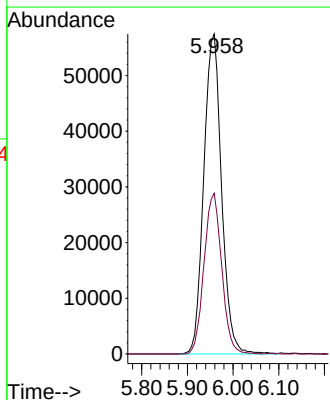
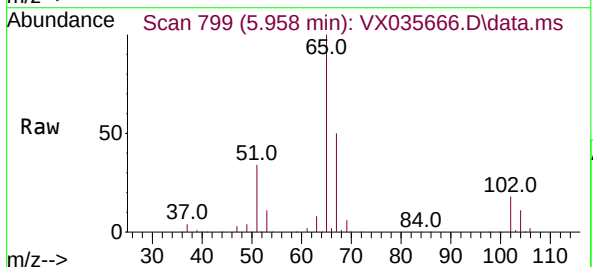
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-04-71-05092023

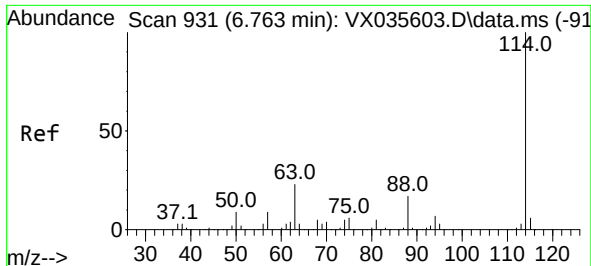
Tgt Ion: 56 Resp: 5339
Ion Ratio Lower Upper
56 100
69 164.9 23.7 35.5#
84 108.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.259 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 65 Resp: 155186
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0

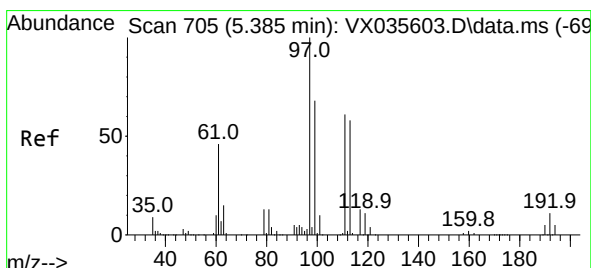
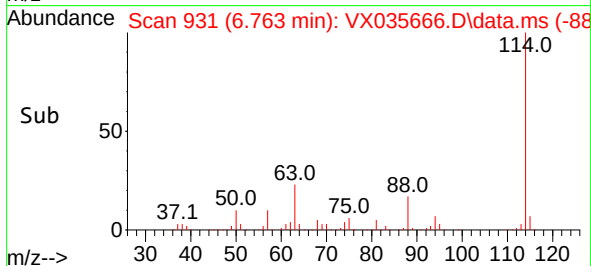
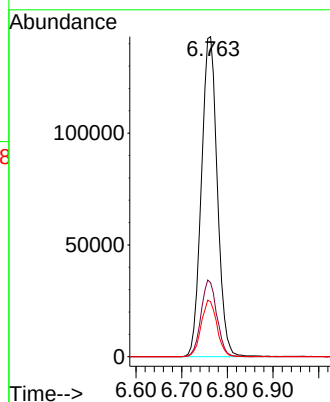
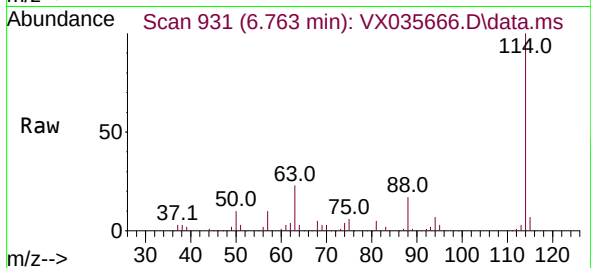




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

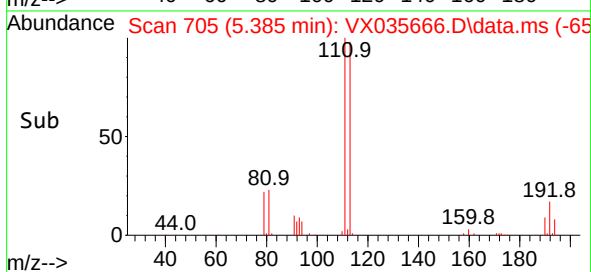
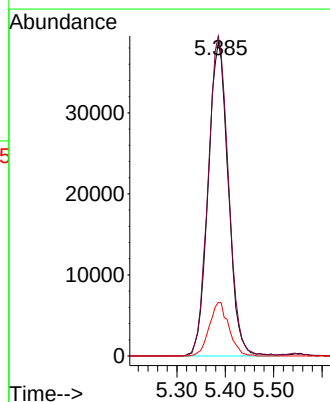
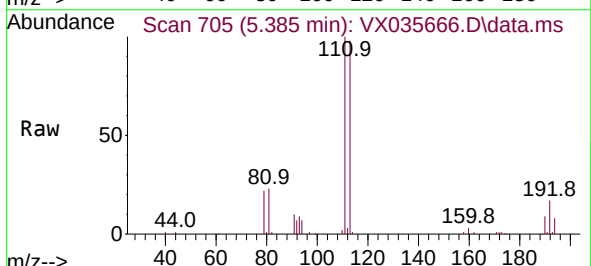
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

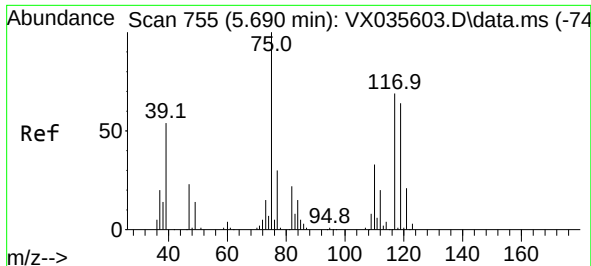
Tgt Ion:114 Resp: 345444
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.944 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion:113 Resp: 111693
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 16.6 15.4 23.2

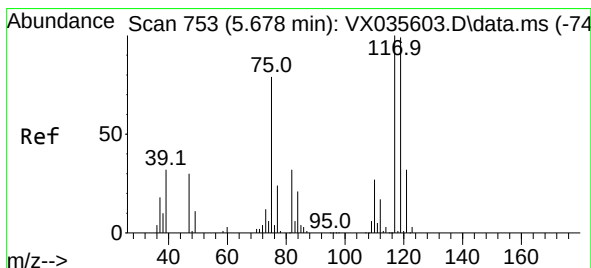
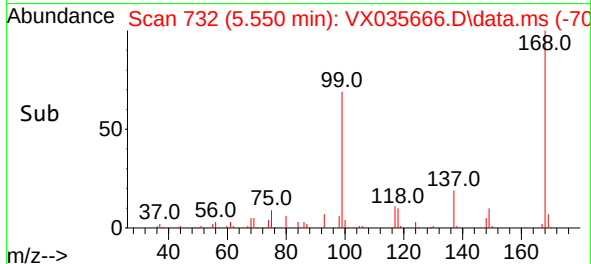
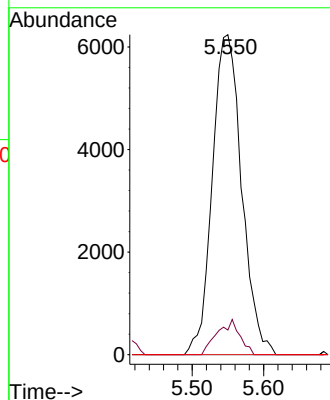
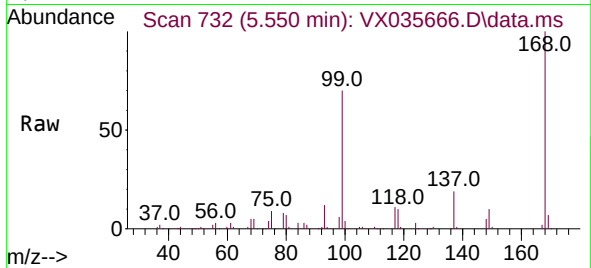




#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX035666.D
 Acq: 15 May 2023 15:36

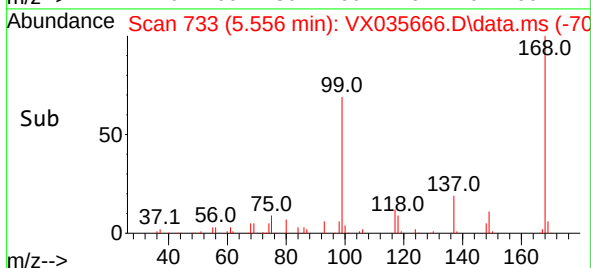
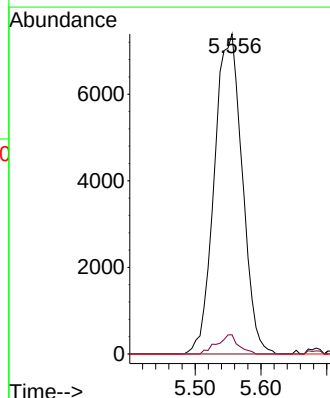
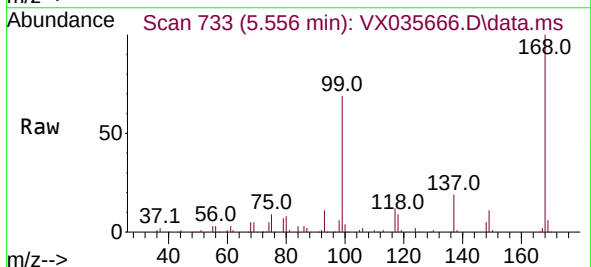
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 FSND-PRO-04-71-05092023

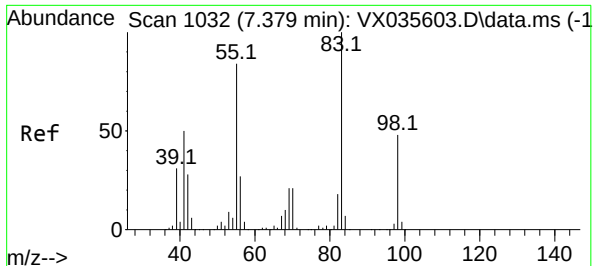
Tgt Ion: 75 Resp: 17790
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.268 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX035666.D
 Acq: 15 May 2023 15:36

Tgt Ion: 117 Resp: 21834
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.6 114.8#
 121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.642 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX035666.D

Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-04-71-05092023

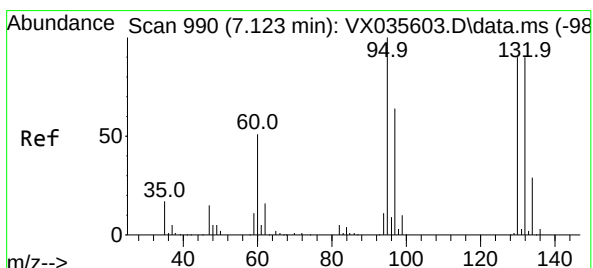
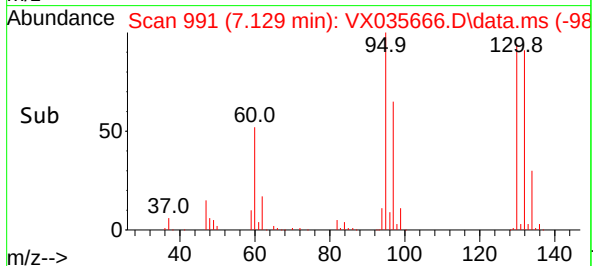
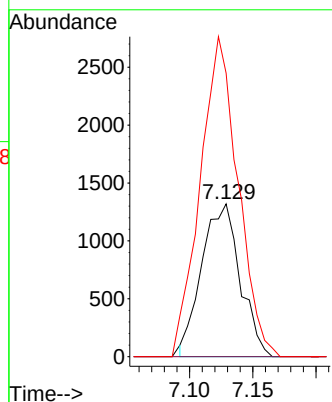
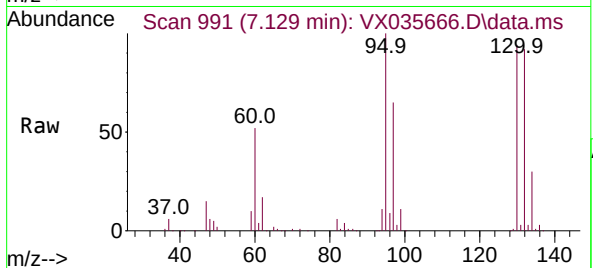
Tgt Ion: 83 Resp: 2777

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 185.5 40.4 60.6#



#44

Trichloroethene

Concen: 79.287 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035666.D

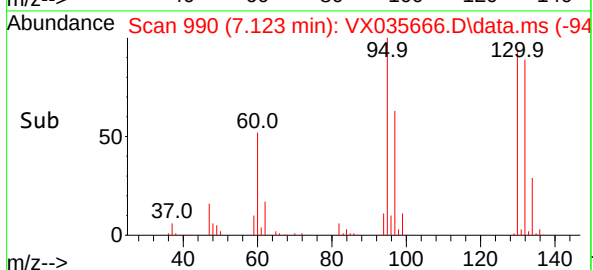
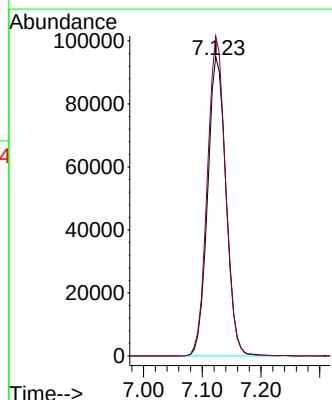
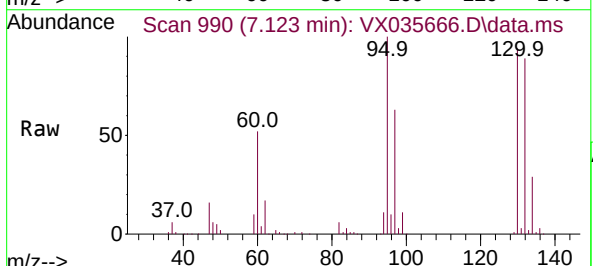
Acq: 15 May 2023 15:36

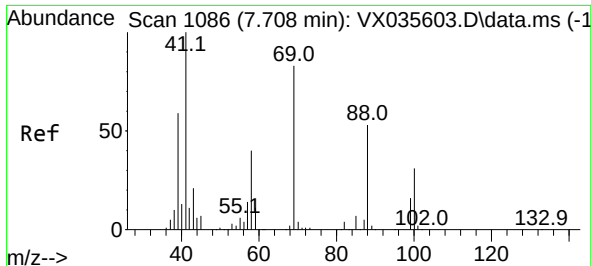
Tgt Ion:130 Resp: 206817

Ion Ratio Lower Upper

130 100

95 106.9 0.0 198.4





#49

1,4-Dioxane

Concen: 4.499 ug/l

RT: 7.732 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX035666.D

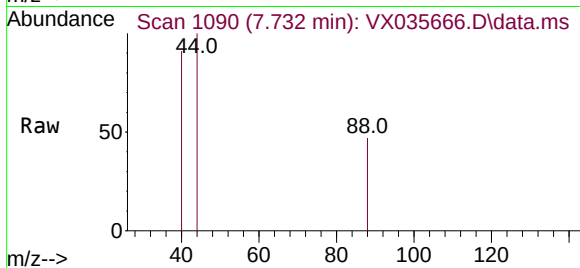
Acq: 15 May 2023 15:36

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FSND-PRO-04-71-05092023



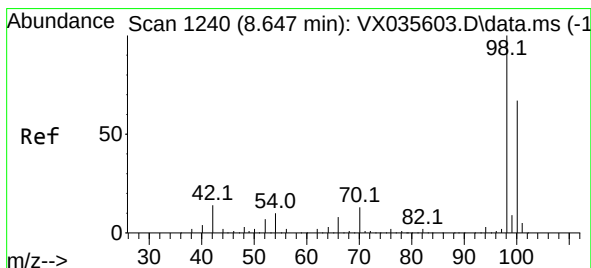
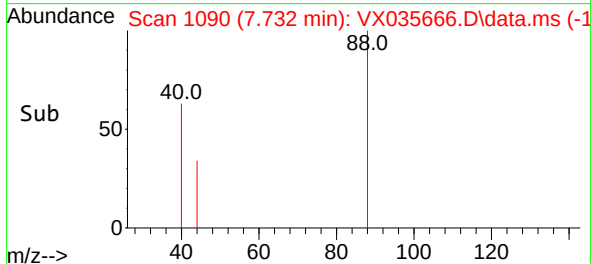
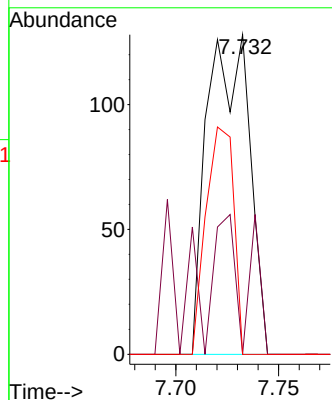
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 32.8 27.7 41.5

58 46.4 56.8 85.2#



#50

Toluene-d8

Concen: 48.045 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035666.D

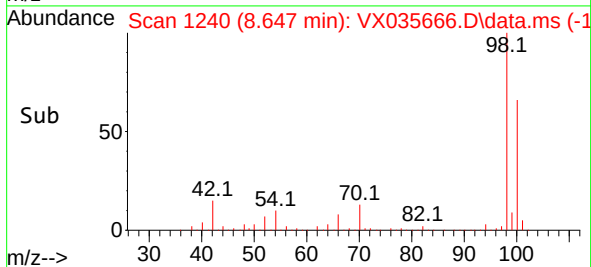
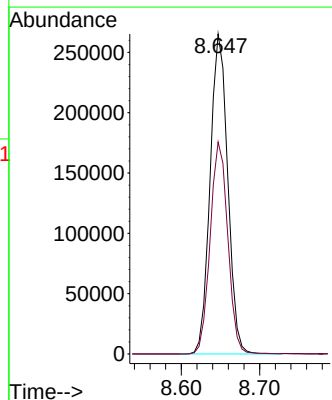
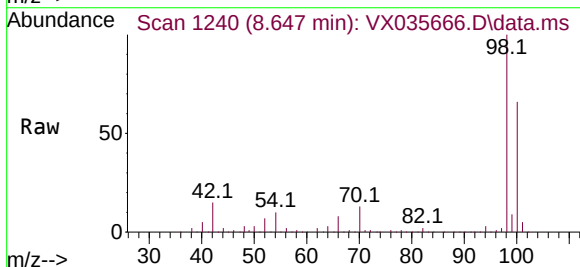
Acq: 15 May 2023 15:36

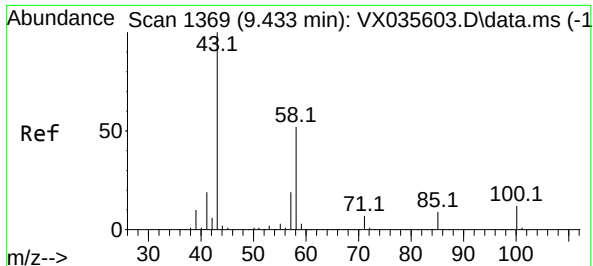
Tgt Ion: 98 Resp: 413493

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7





#59

2-Hexanone

Concen: 0.774 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX035666.D

Acq: 15 May 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

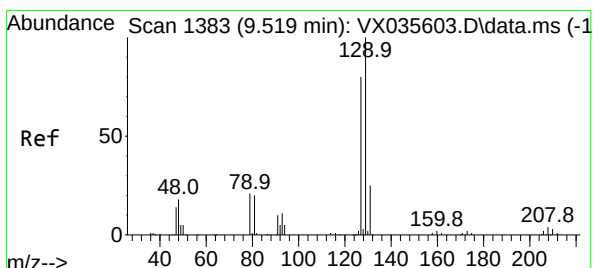
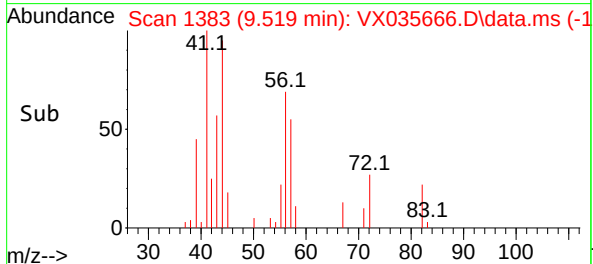
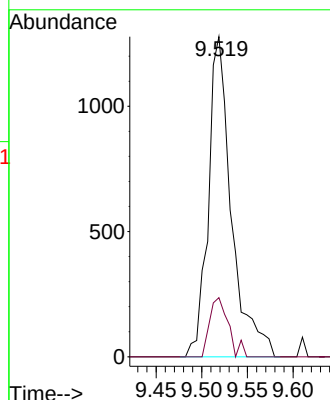
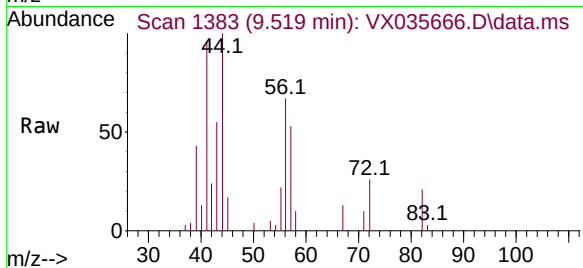
FSND-PRO-04-71-05092023

Tgt Ion: 43 Resp: 2247

Ion Ratio Lower Upper

43 100

58 14.9 26.3 78.9#



#60

Dibromochloromethane

Concen: 0.351 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX035666.D

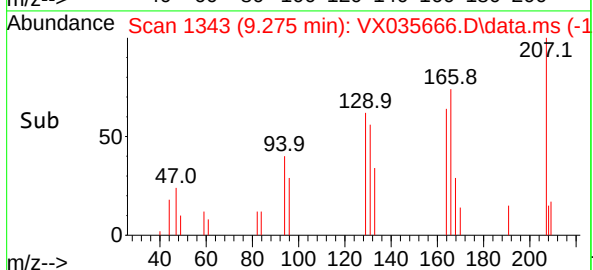
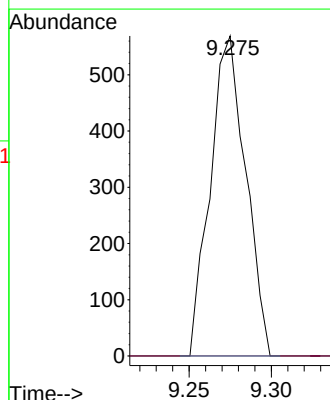
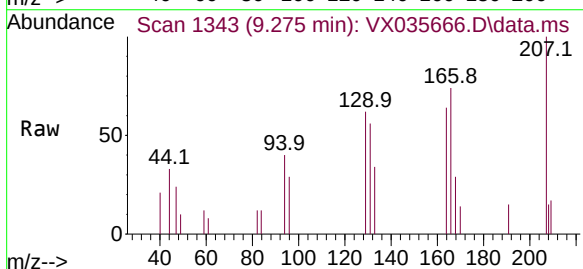
Acq: 15 May 2023 15:36

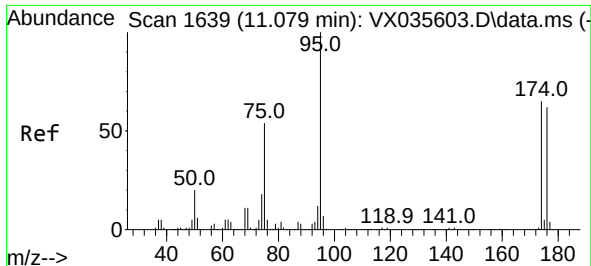
Tgt Ion: 129 Resp: 853

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

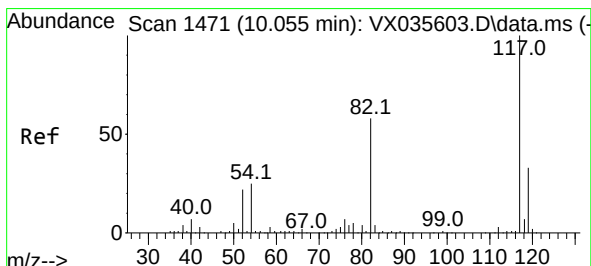
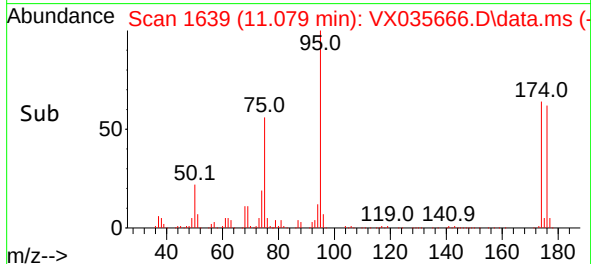
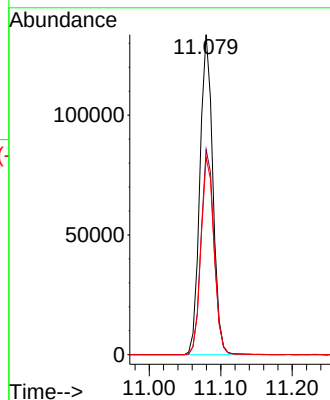
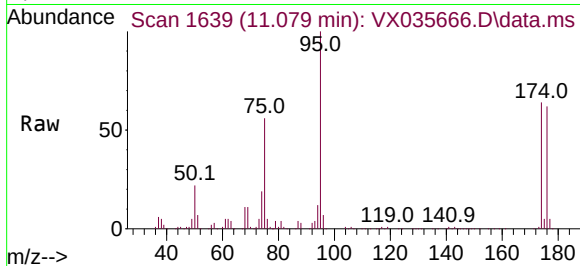




#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

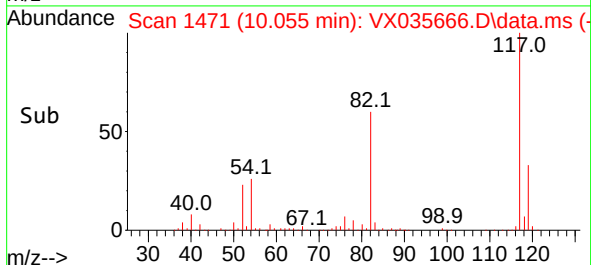
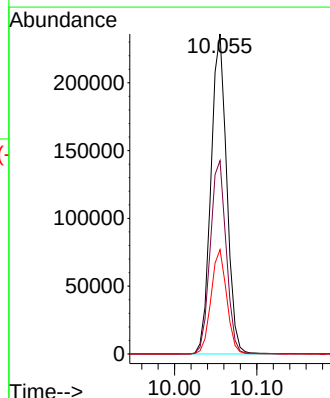
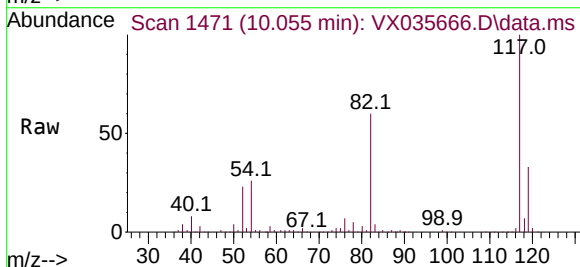
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

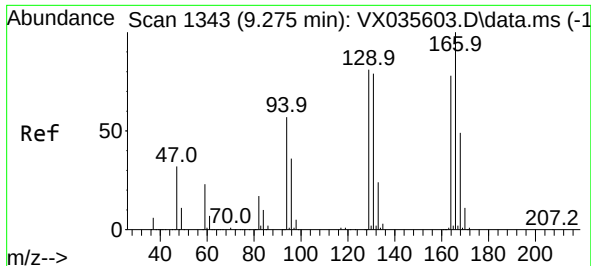
Tgt Ion: 95 Resp: 167428
Ion Ratio Lower Upper
95 100
174 64.6 0.0 147.4
176 62.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 117 Resp: 315445
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.6 26.0 39.0

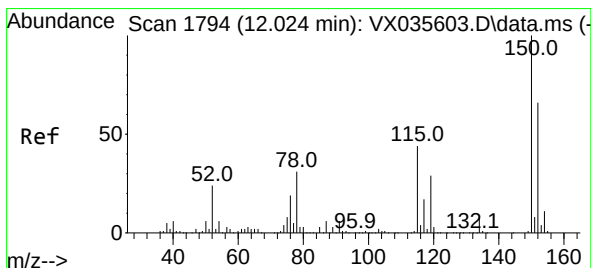
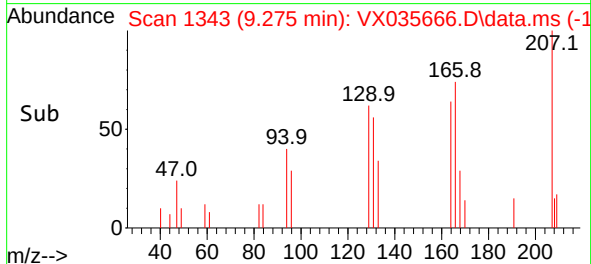
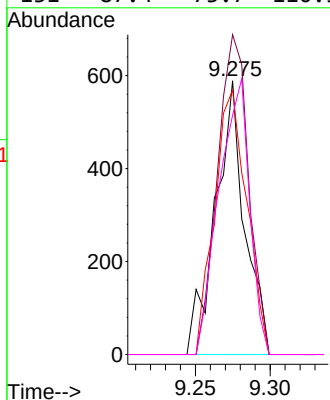
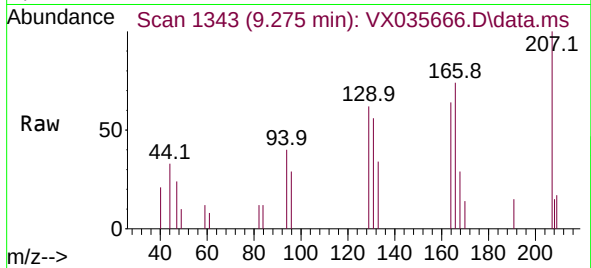




#64
Tetrachloroethene
Concen: 0.375 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

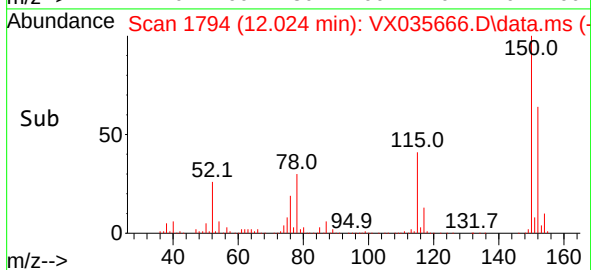
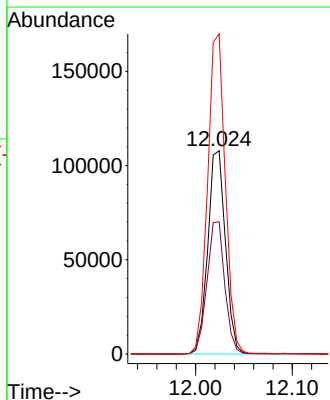
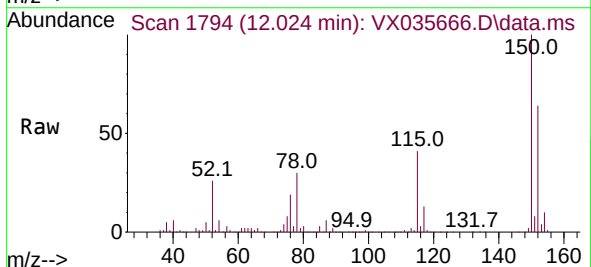
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

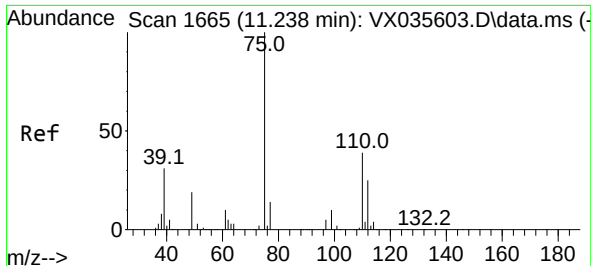
Tgt	Ion:164	Resp:	797
Ion	Ratio	Lower	Upper
164	100		
166	116.8	102.7	154.1
129	96.6	75.6	113.4
131	87.4	73.7	110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion:152	Resp:	137271	
Ion	Ratio	Lower	Upper
152	100		
115	65.6	45.0	135.0
150	157.5	0.0	352.4

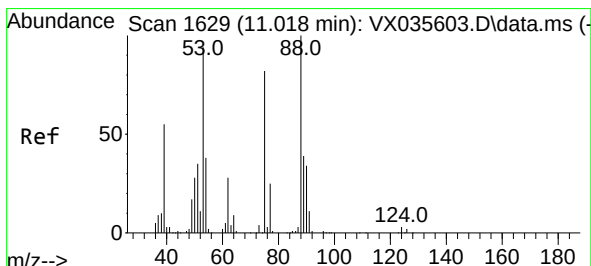
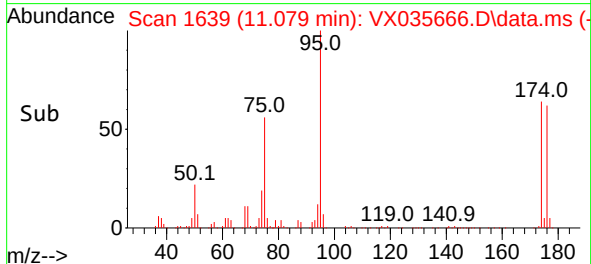
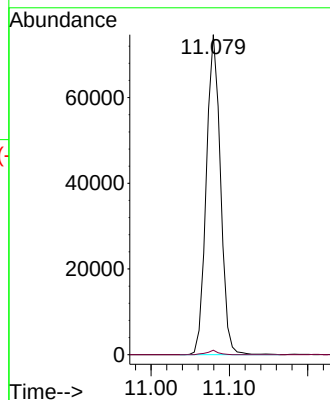
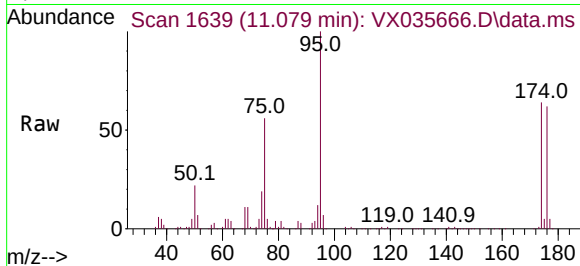




#76
1,2,3-Trichloropropane
Concen: 27.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-04-71-05092023

Tgt Ion: 75 Resp: 93469
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035666.D
Acq: 15 May 2023 15:36

Tgt Ion: 75 Resp: 93469
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

