

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035664.D
 Acq On : 15 May 2023 14:49
 Operator : JC/MD
 Sample : 02751-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-71-05082023

Quant Time: May 16 04:59:40 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)

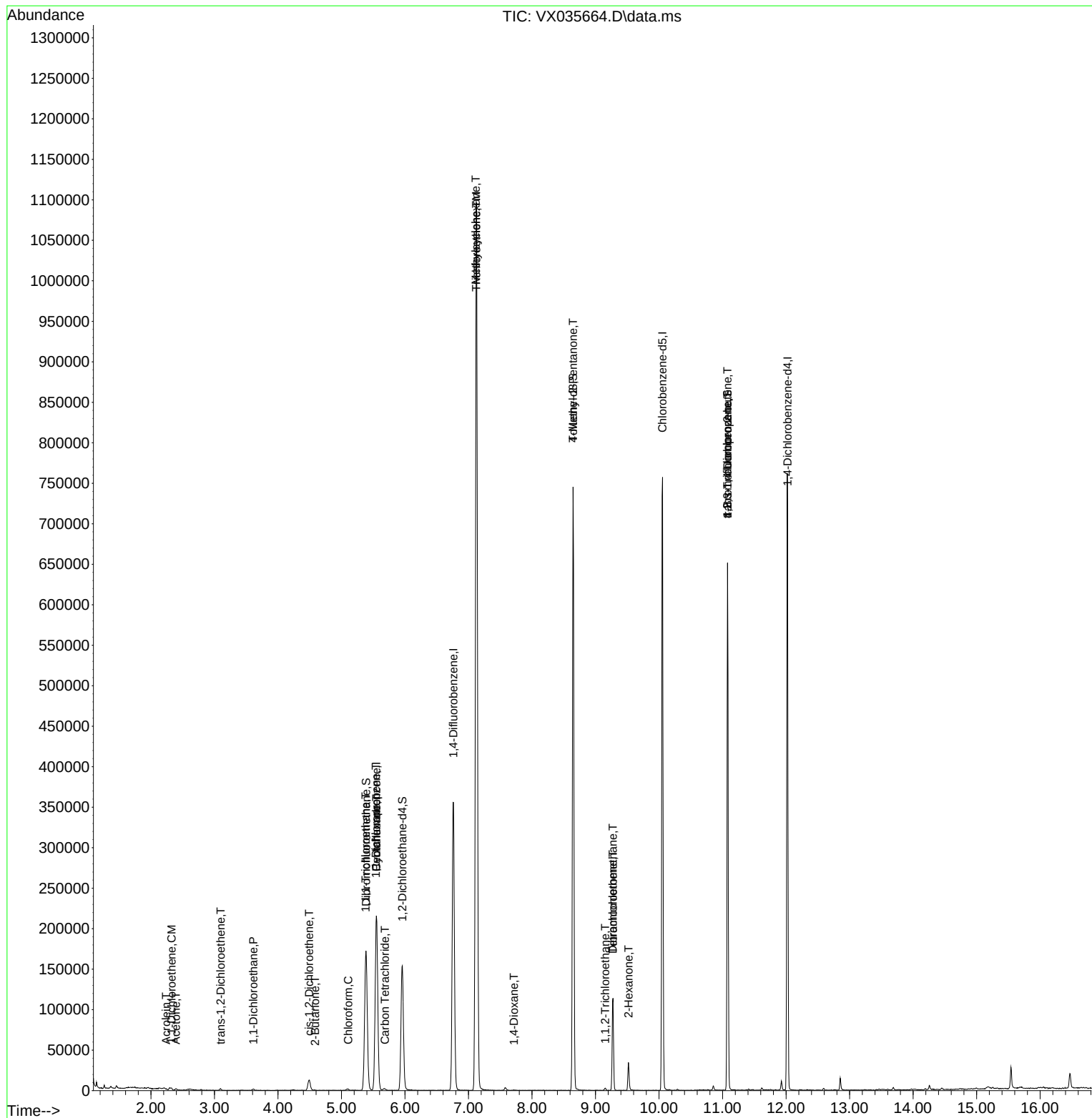
Internal Standards						
1) Pentafluorobenzene	5.550	168	186086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158356	48.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.385	113	113344	48.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	412373	47.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	170427	49.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	686	0.331	ug/l	96
13) Acrolein	2.239	56	549	0.808	ug/l	# 69
16) Acetone	2.392	43	2407	1.725	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	857	0.377	ug/l	# 62
24) 1,1-Dichloroethane	3.611	63	2145	0.461	ug/l	# 92
25) 2-Butanone	4.587	43	432	0.224	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	7660	2.806	ug/l	95
30) Chloroform	5.105	83	1957	0.411	ug/l	93
31) Cyclohexane	5.550	56	5231	1.275	ug/l	# 19
32) 1,1,1-Trichloroethane	5.379	97	41087	9.913	ug/l	99
36) 1,1-Dichloropropene	5.544	75	17551	4.780	ug/l	# 47
38) Carbon Tetrachloride	5.684	117	1836	0.528	ug/l	# 80
39) Methylcyclohexane	7.117	83	5254	1.216	ug/l	# 1
44) Trichloroethene	7.123	130	397762	152.735	ug/l	94
49) 1,4-Dioxane	7.714	88	96	3.314	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.647	43	2177	0.566	ug/l	# 1
55) 1,1,2-Trichloroethane	9.153	97	741	0.291	ug/l	# 78
59) 2-Hexanone	9.519	43	5650	1.950	ug/l	# 46
60) Dibromochloromethane	9.275	129	20897	8.609	ug/l	# 10
64) Tetrachloroethene	9.275	164	19267	9.013	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	93851	27.251	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	93851	87.826	ug/l	# 8

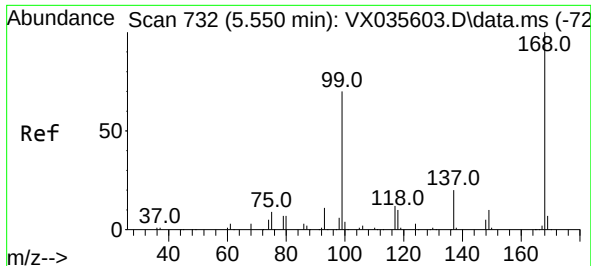
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

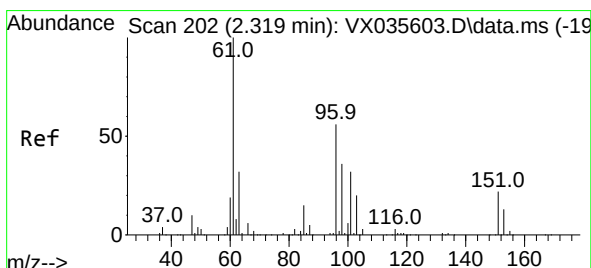
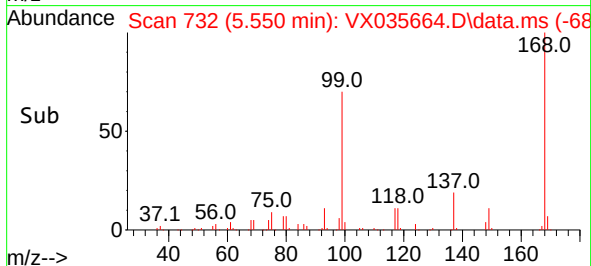
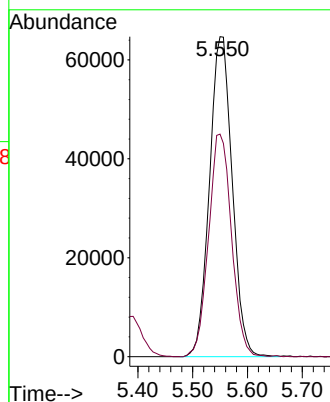
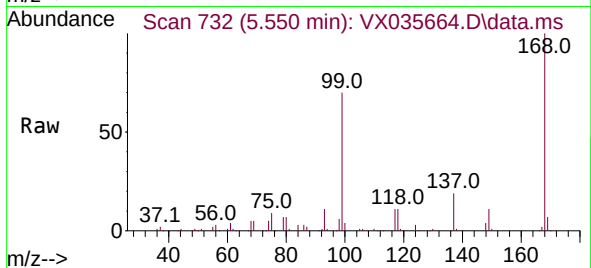




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

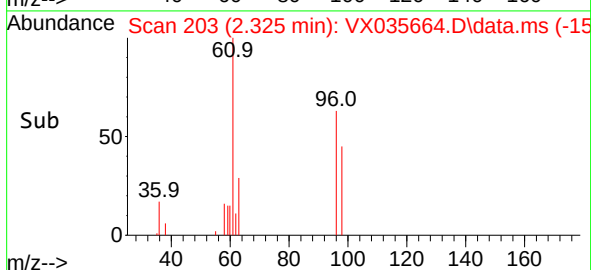
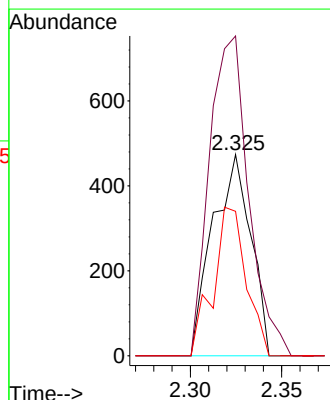
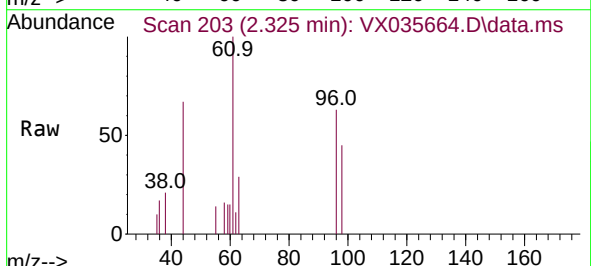
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

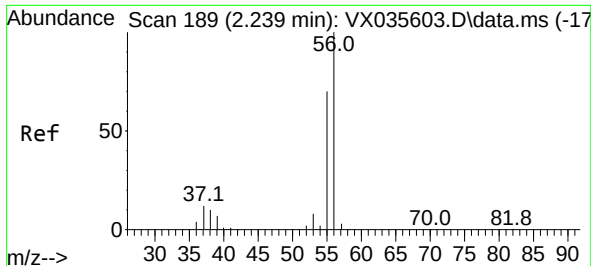
Tgt Ion:168 Resp: 186086
Ion Ratio Lower Upper
168 100
99 69.6 45.7 68.5#



#12
1,1-Dichloroethene
Concen: 0.331 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 96 Resp: 686
Ion Ratio Lower Upper
96 100
61 158.9 128.8 193.2
98 71.7 51.4 77.0

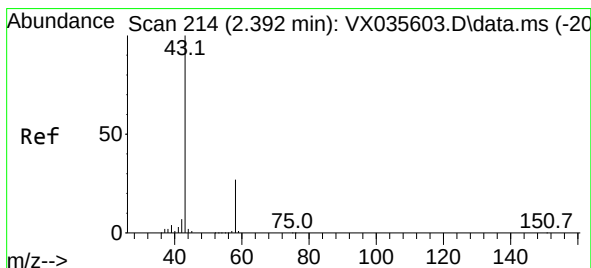
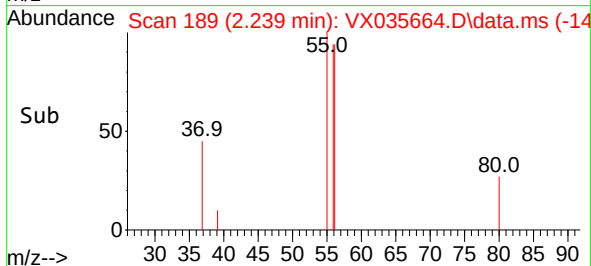
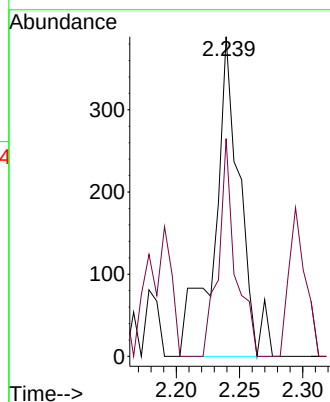
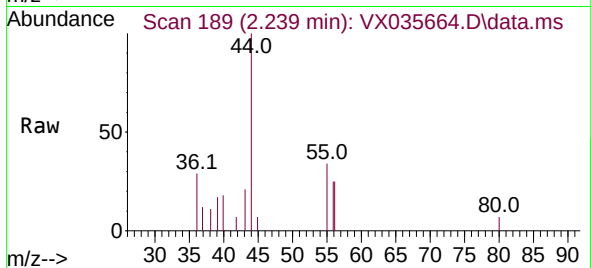




#13
Acrolein
Concen: 0.808 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

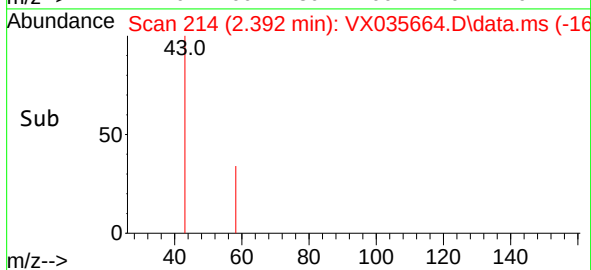
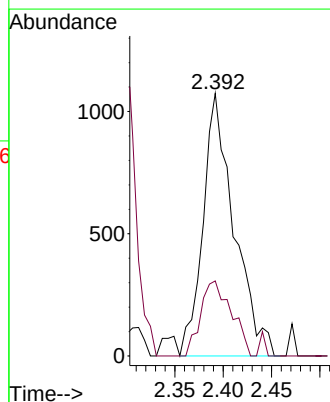
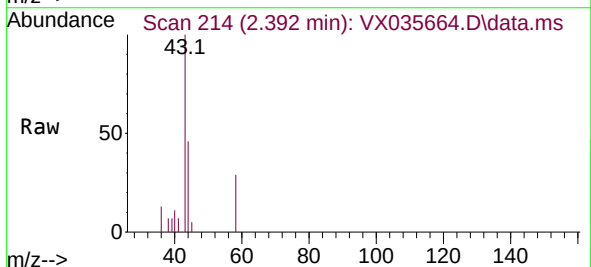
Instrument :
MSVOA_X
ClientSampleId :
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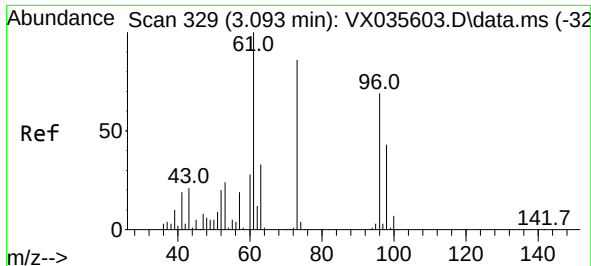
Tgt Ion: 56 Resp: 549
Ion Ratio Lower Upper
56 100
55 45.0 56.6 85.0#



#16
Acetone
Concen: 1.725 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1

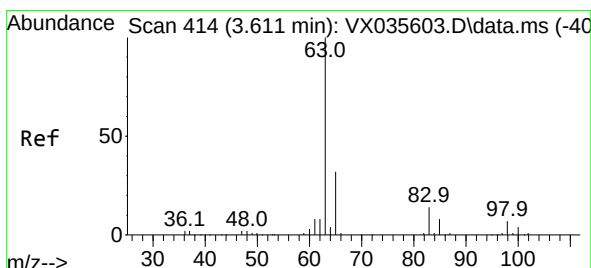
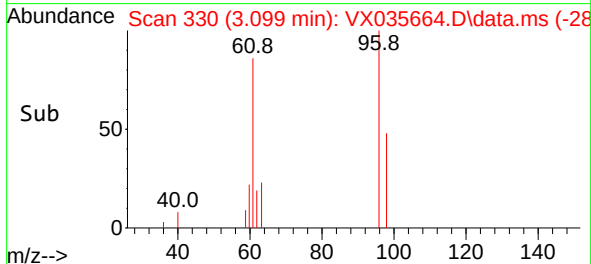
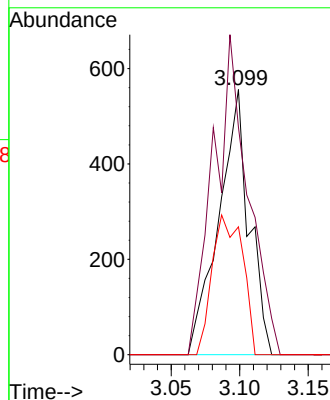
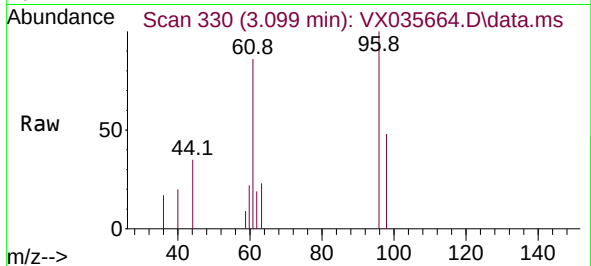




#21
trans-1,2-Dichloroethene
Concen: 0.377 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

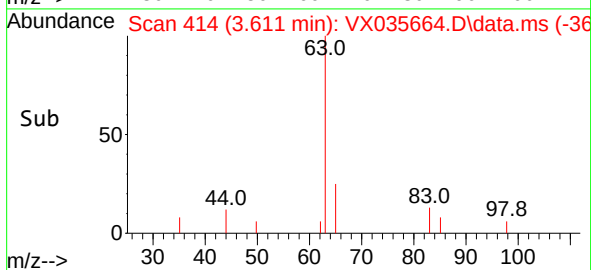
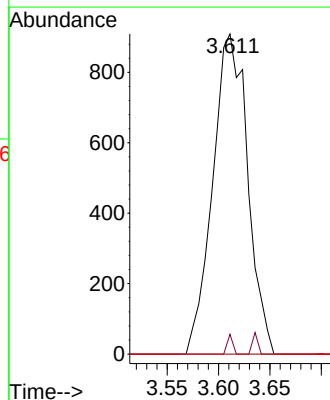
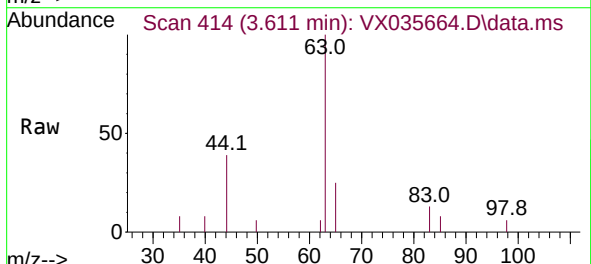
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

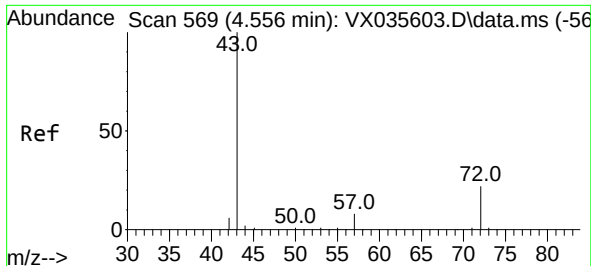
Tgt Ion: 96 Resp: 857
Ion Ratio Lower Upper
96 100
61 85.8 113.0 169.6#
98 48.2 52.1 78.1#



#24
1,1-Dichloroethane
Concen: 0.461 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 63 Resp: 2145
Ion Ratio Lower Upper
63 100
98 6.2 3.8 11.2
100 0.0 2.4 7.1#

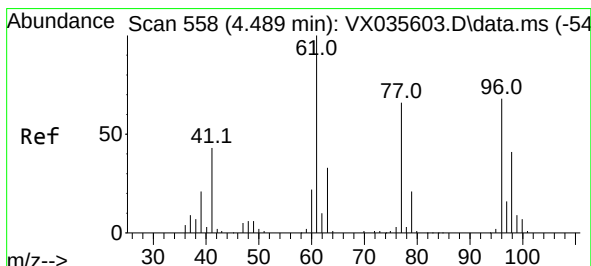
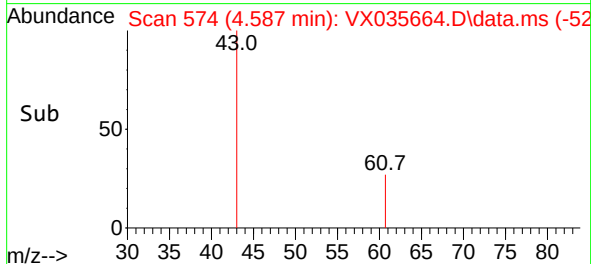
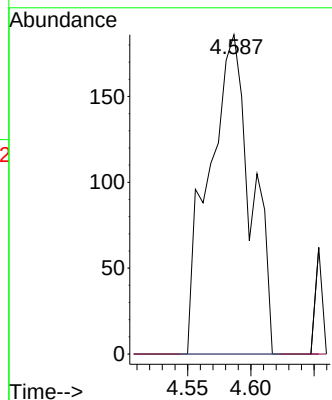
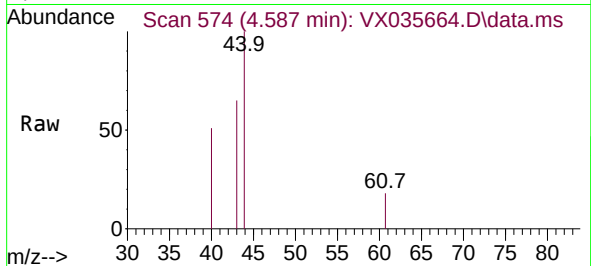




#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

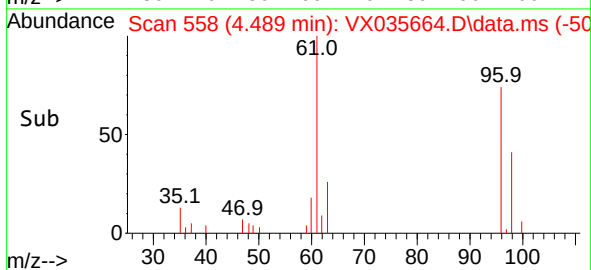
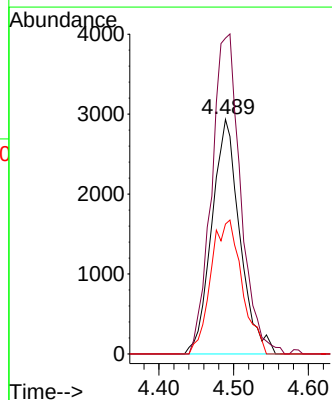
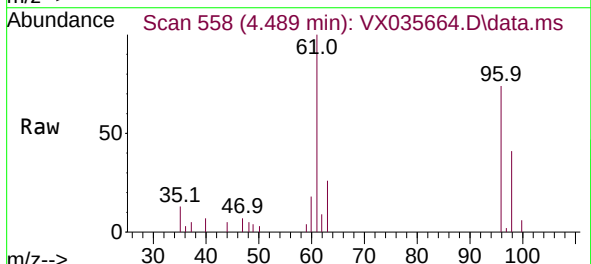
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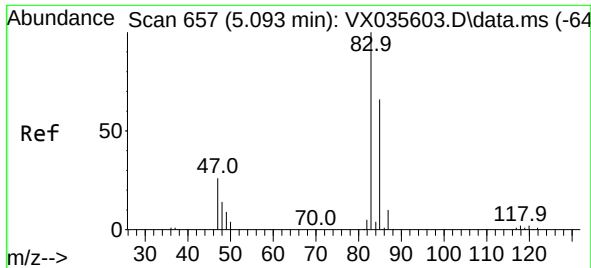
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#27
cis-1,2-Dichloroethene
Concen: 2.806 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 96 Resp: 7660
Ion Ratio Lower Upper
96 100
61 141.3 0.0 300.4
98 63.4 0.0 129.0

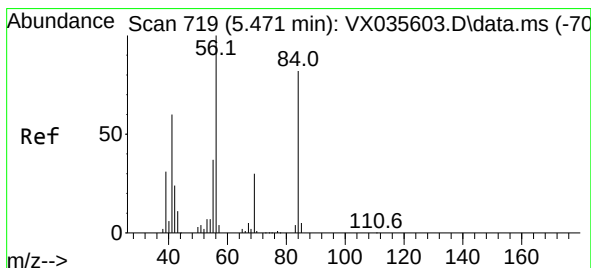
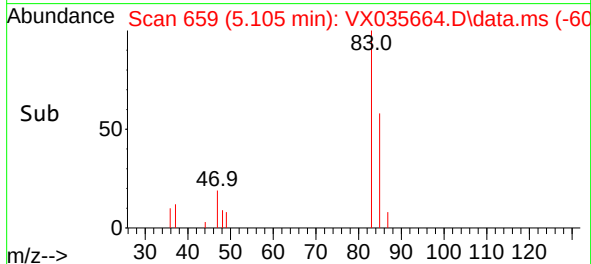
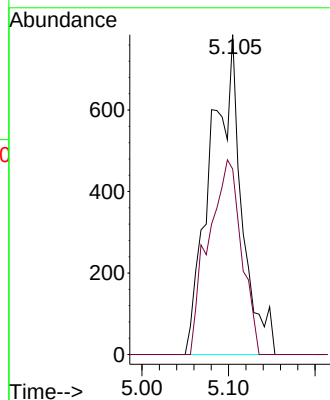
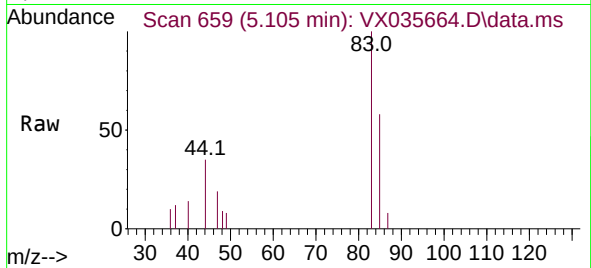




#30
Chloroform
Concen: 0.411 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

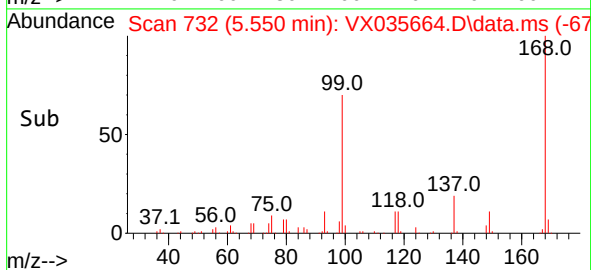
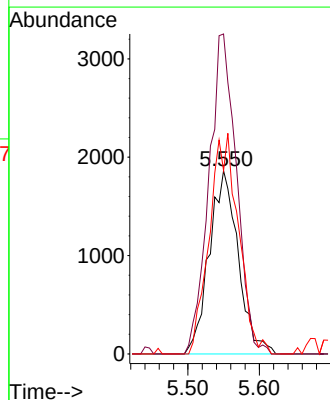
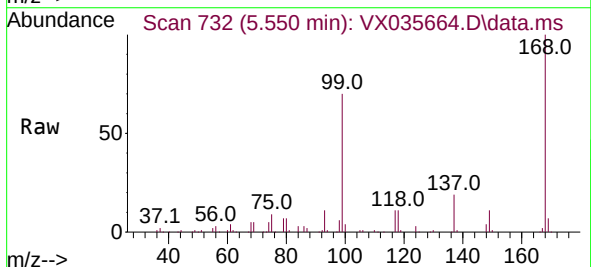
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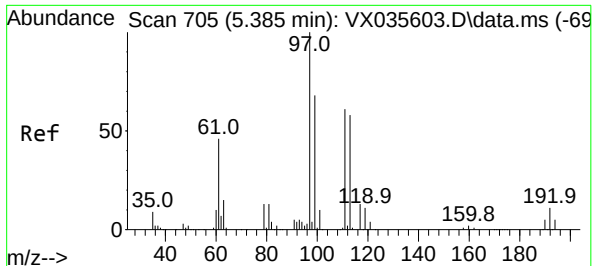
Tgt Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
85 58.0 50.6 76.0



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 56 Resp: 5231
Ion Ratio Lower Upper
56 100
69 174.5 23.7 35.5#
84 100.0 68.5 102.7

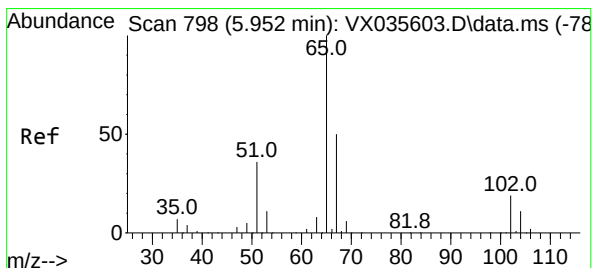
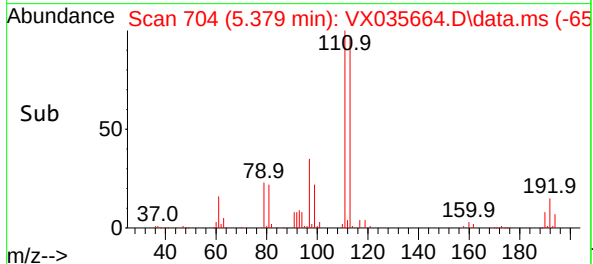
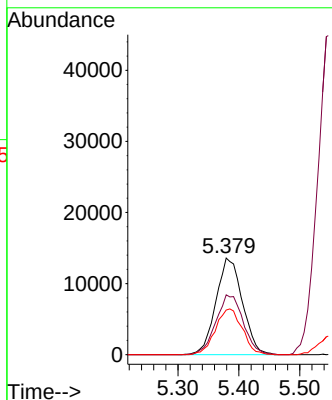
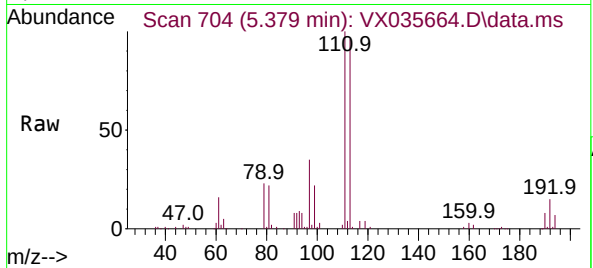




#32
 1,1,1-Trichloroethane
 Concen: 9.913 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX035664.D
 Acq: 15 May 2023 14:49

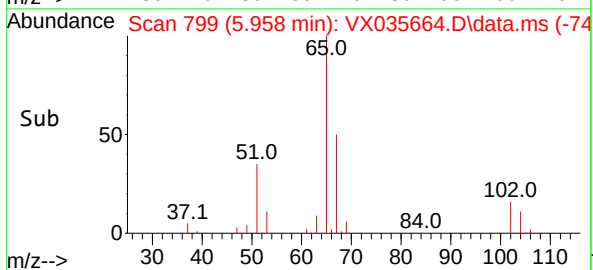
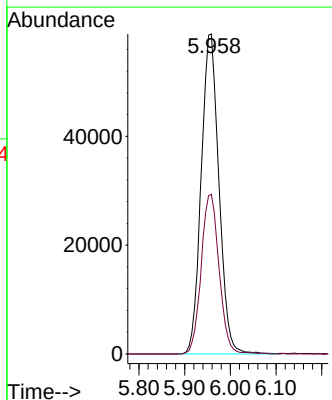
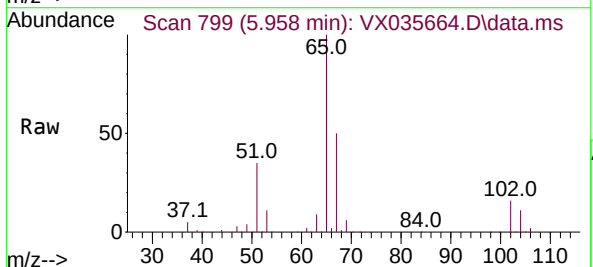
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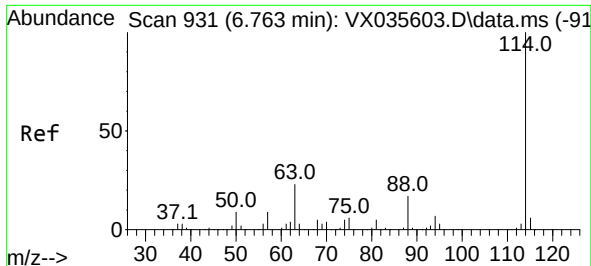
Tgt Ion: 97 Resp: 41087
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 47.9 36.5 54.7



#33
 1,2-Dichloroethane-d4
 Concen: 48.780 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX035664.D
 Acq: 15 May 2023 14:49

Tgt Ion: 65 Resp: 158356
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.0

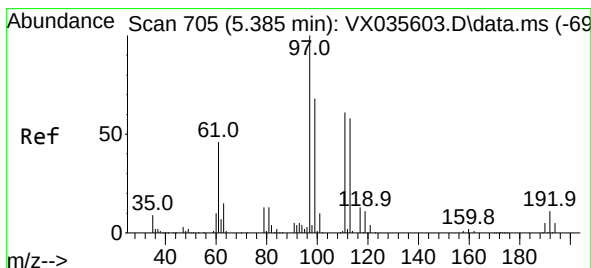
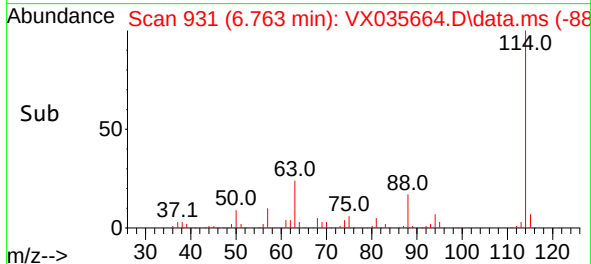
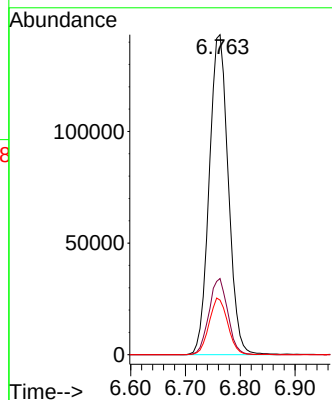
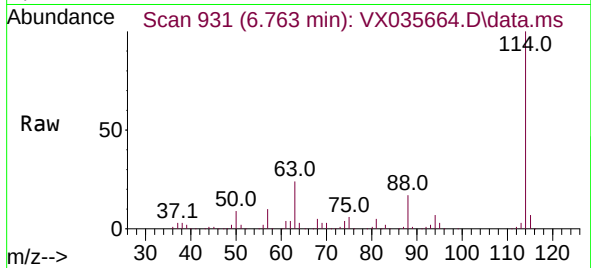




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

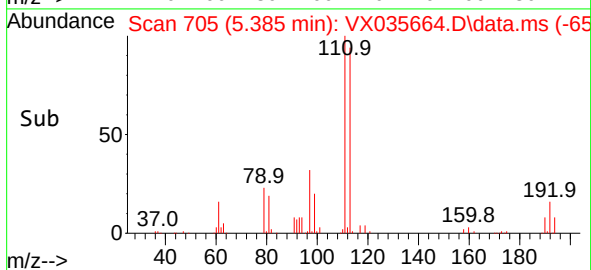
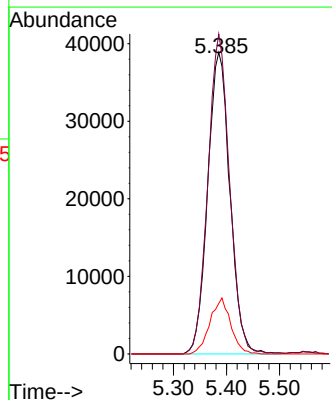
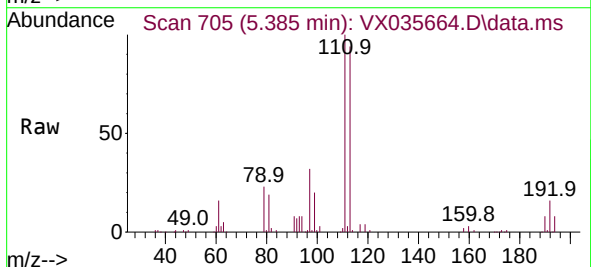
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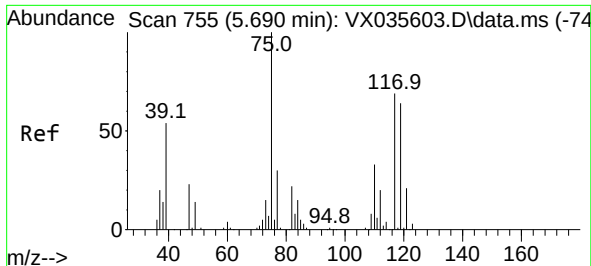
Tgt Ion:114 Resp: 344889
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion:113 Resp: 113344
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.3 15.4 23.2

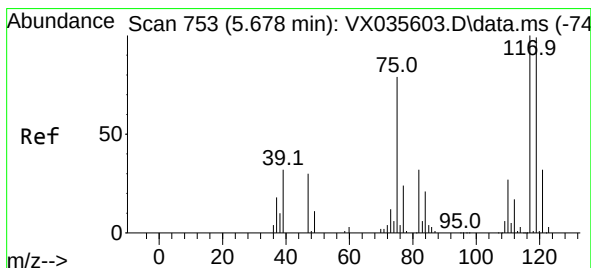
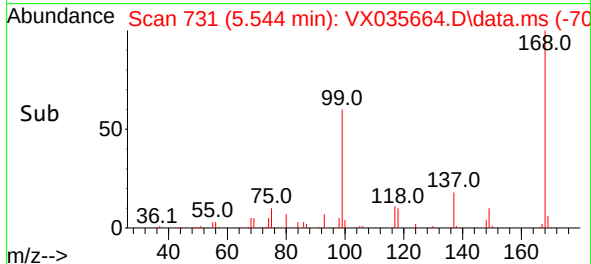
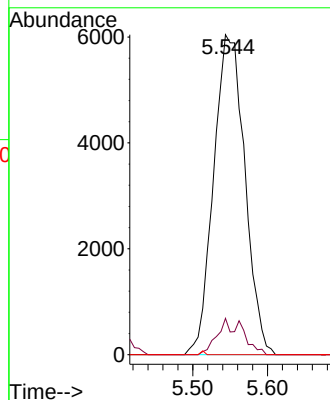
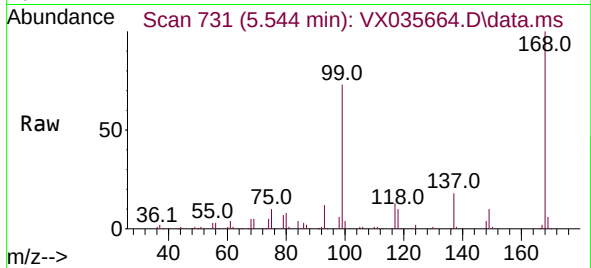




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

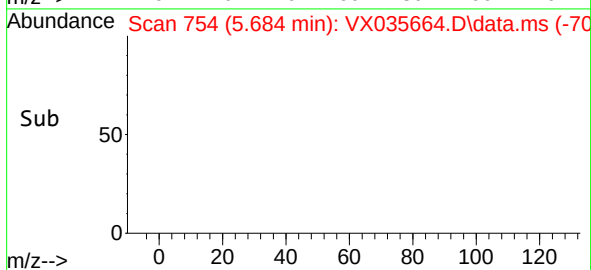
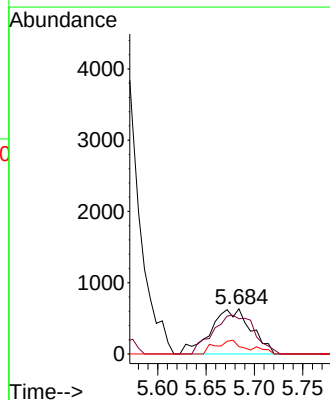
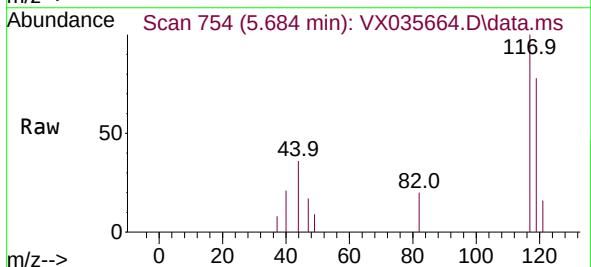
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

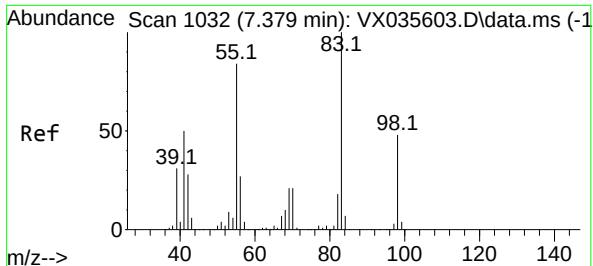
Tgt Ion: 75 Resp: 17551
Ion Ratio Lower Upper
75 100
110 5.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 0.528 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 117 Resp: 1836
Ion Ratio Lower Upper
117 100
119 78.2 76.6 114.8
121 16.5 23.8 35.6#





#39

Methylcyclohexane

Concen: 1.216 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.262 min

Lab File: VX035664.D

Acq: 15 May 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-02-71-05082023

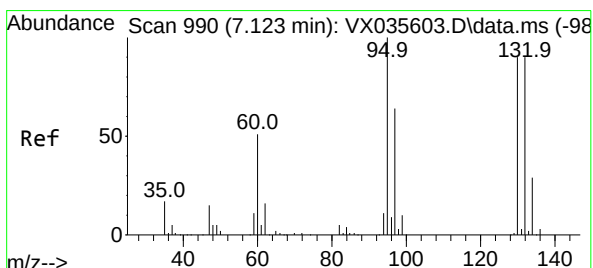
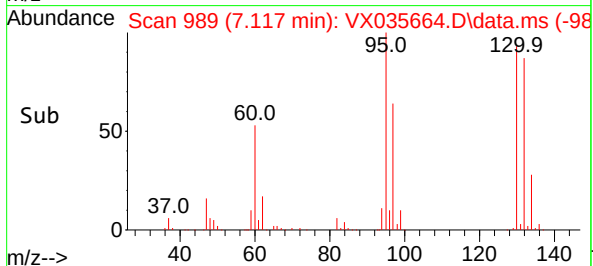
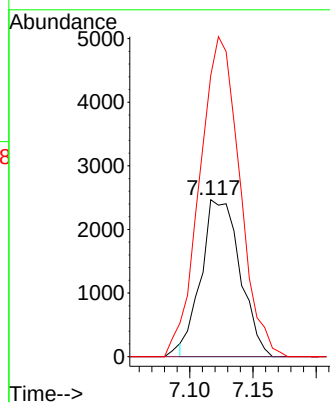
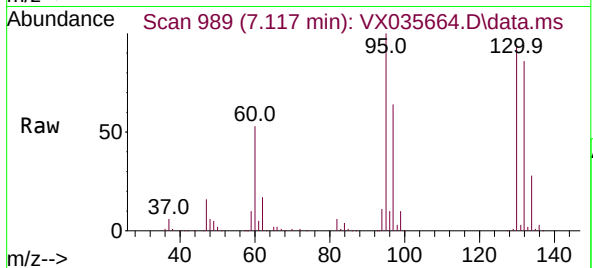
Tgt Ion: 83 Resp: 5254

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 176.3 40.4 60.6#



#44

Trichloroethene

Concen: 152.735 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035664.D

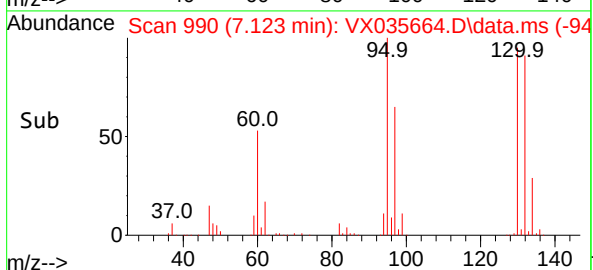
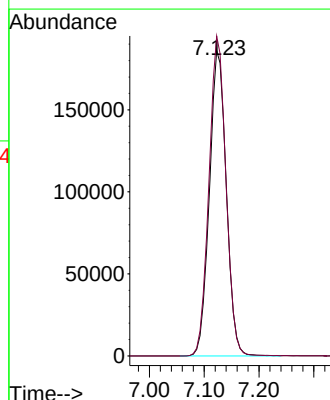
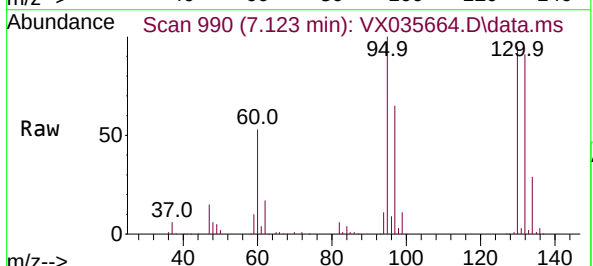
Acq: 15 May 2023 14:49

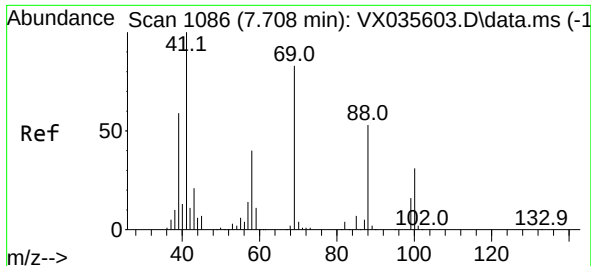
Tgt Ion:130 Resp: 397762

Ion Ratio Lower Upper

130 100

95 104.8 0.0 198.4





#49

1,4-Dioxane

Concen: 3.314 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035664.D

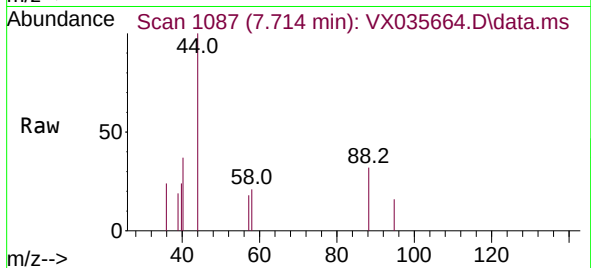
Acq: 15 May 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-02-71-05082023



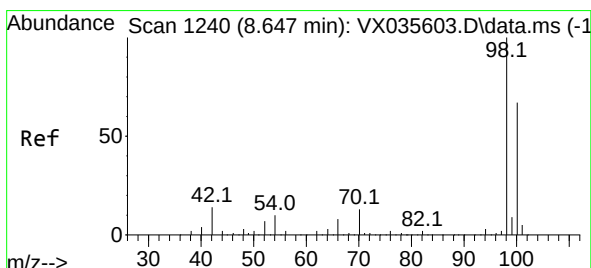
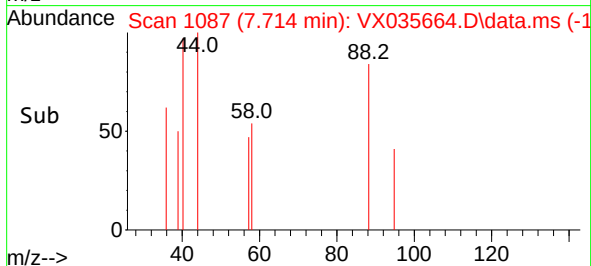
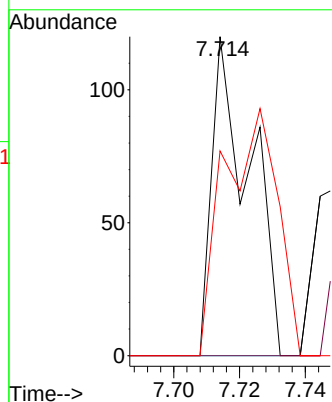
Tgt Ion: 88 Resp: 96

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 109.4 56.8 85.2#



#50

Toluene-d8

Concen: 47.992 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035664.D

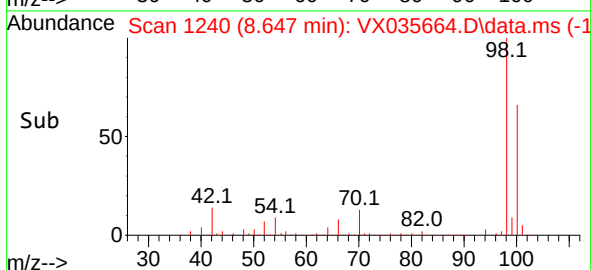
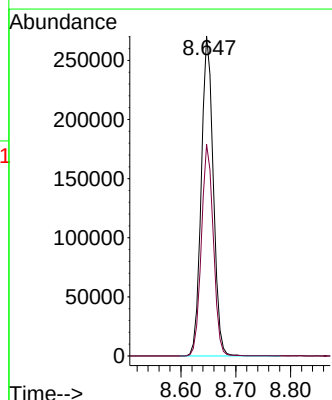
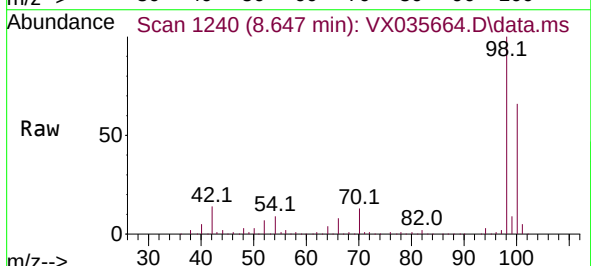
Acq: 15 May 2023 14:49

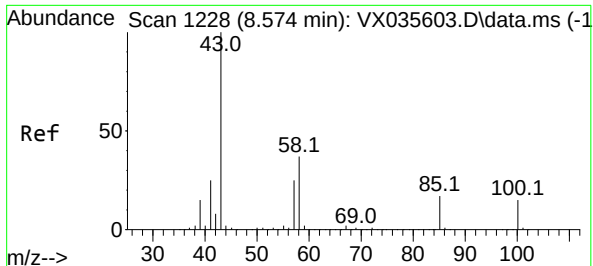
Tgt Ion: 98 Resp: 412373

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

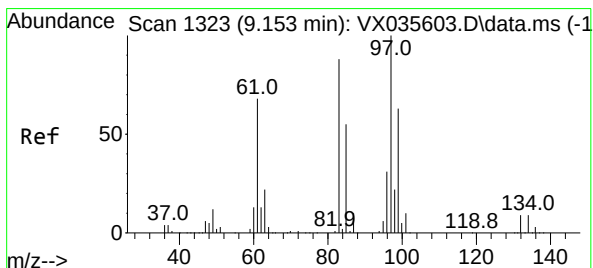
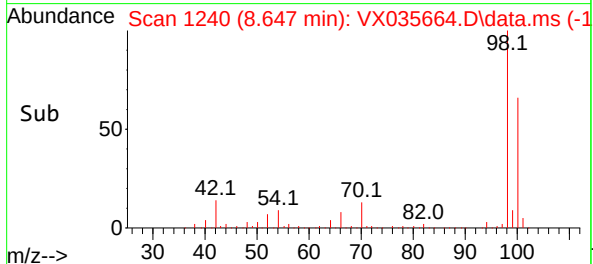
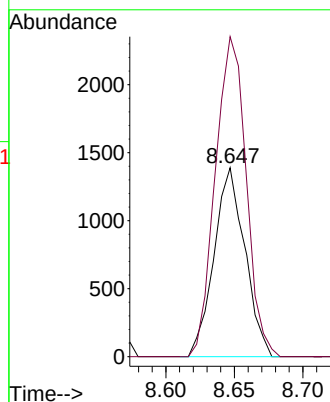
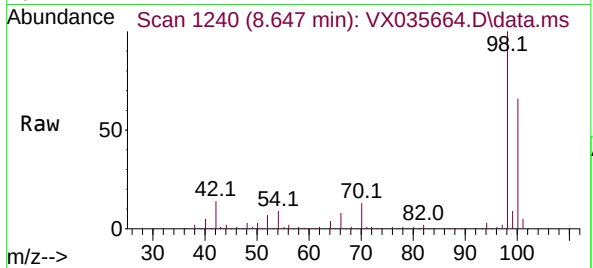




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

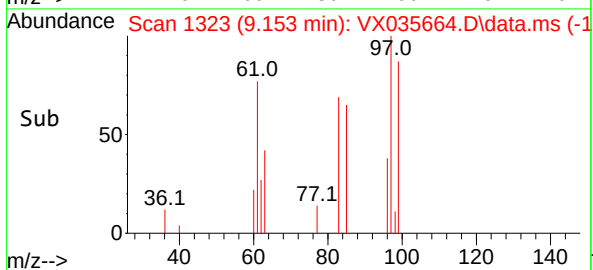
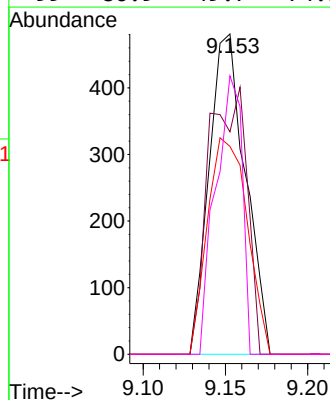
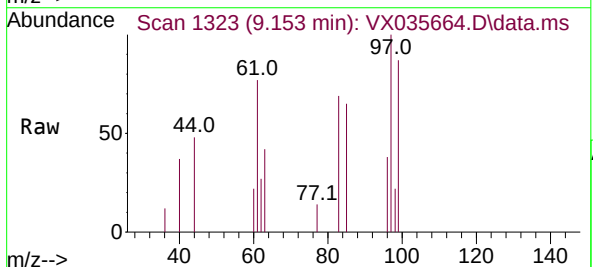
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

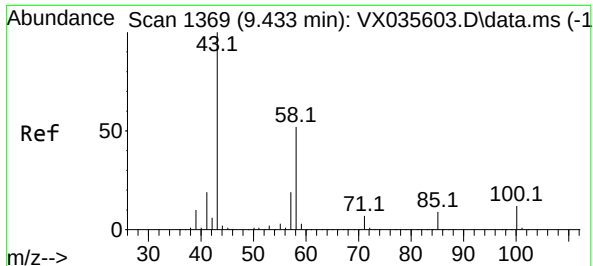
Tgt Ion: 43 Resp: 2177
Ion Ratio Lower Upper
43 100
58 169.4 30.6 46.0#



#55
1,1,2-Trichloroethane
Concen: 0.291 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 97 Resp: 741
Ion Ratio Lower Upper
97 100
83 69.4 69.7 104.5#
85 64.9 43.7 65.5
99 86.9 49.7 74.5#

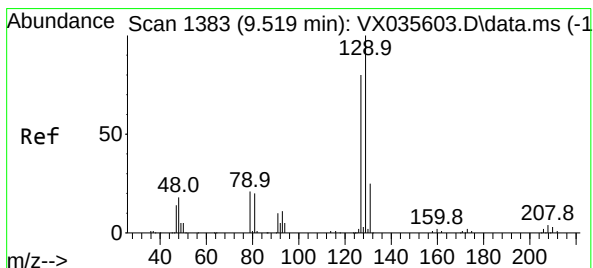
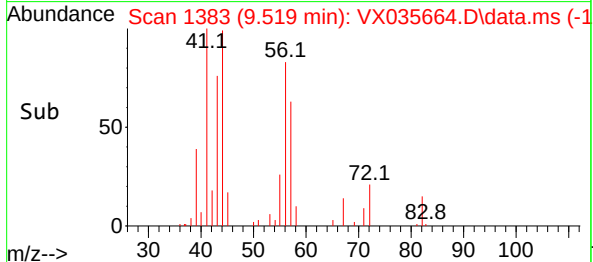
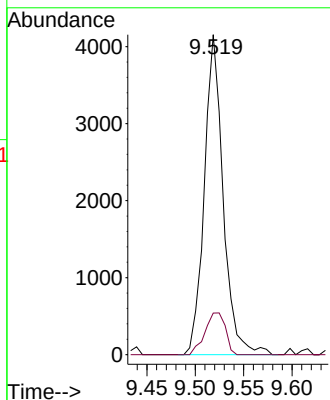
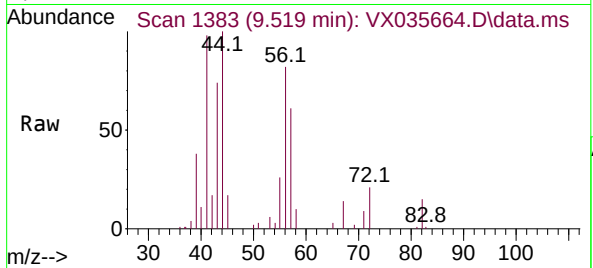




#59
2-Hexanone
Concen: 1.950 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.086 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

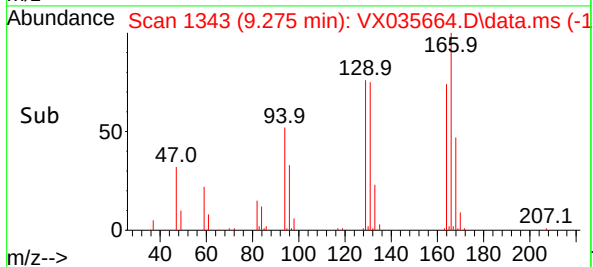
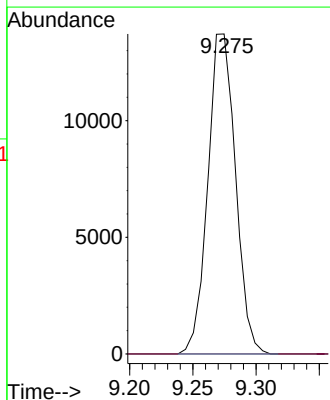
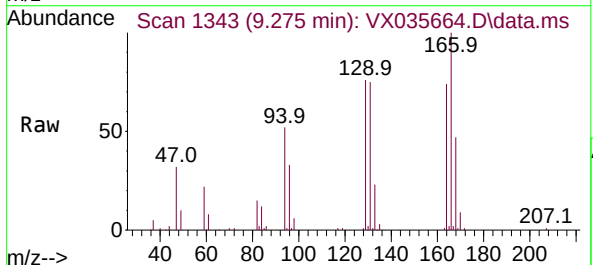
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

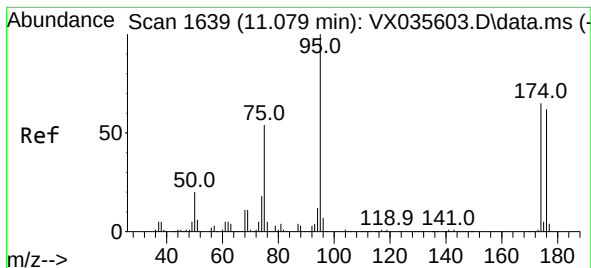
Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
58 14.1 26.3 78.9#



#60
Dibromochloromethane
Concen: 8.609 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 129 Resp: 20897
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

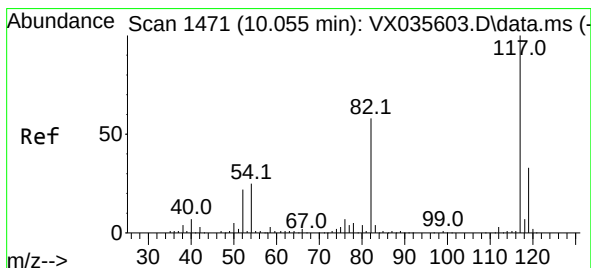
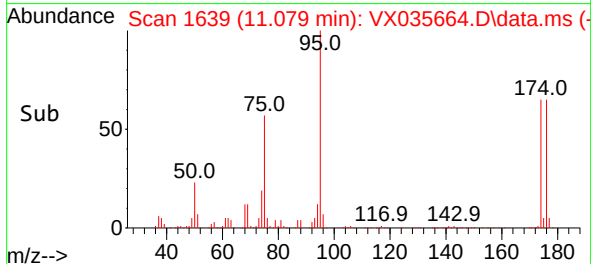
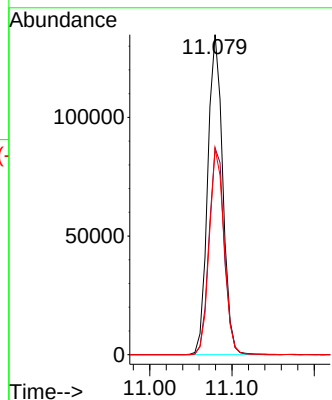
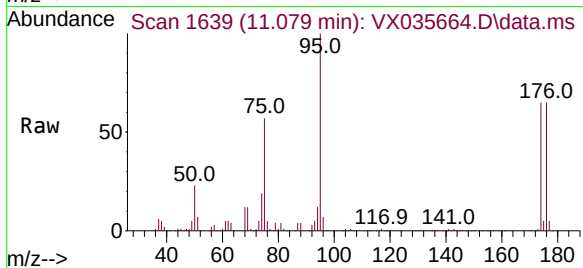




#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

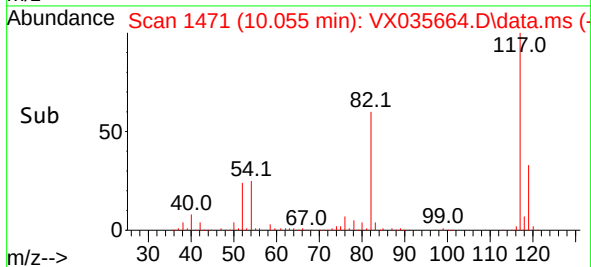
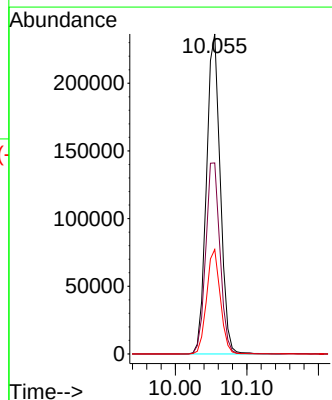
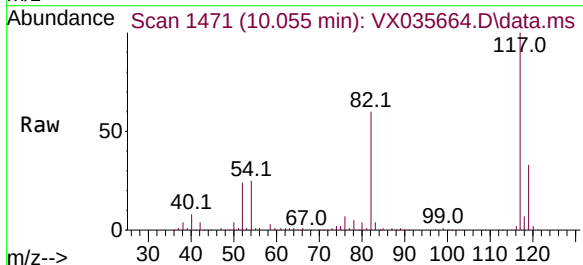
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

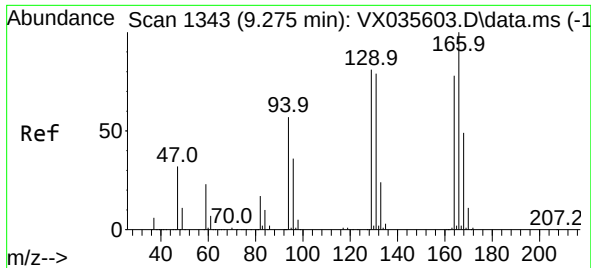
Tgt Ion: 95 Resp: 170427
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 63.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 117 Resp: 317516
Ion Ratio Lower Upper
117 100
82 59.7 45.0 67.4
119 32.6 26.0 39.0



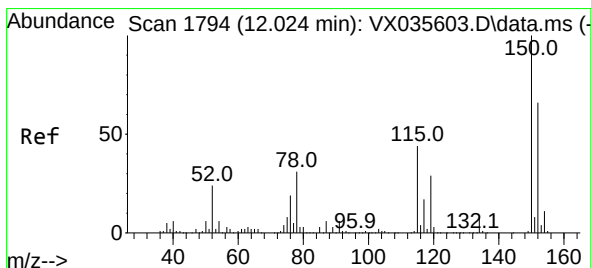
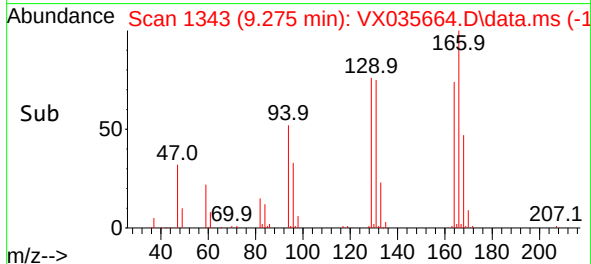
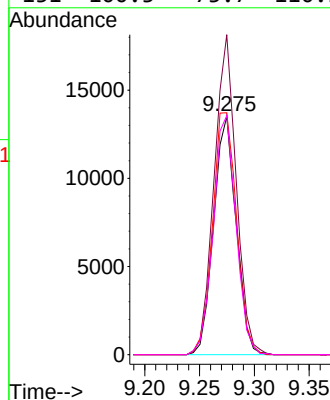
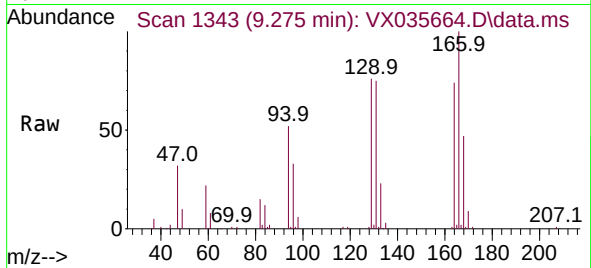


#64
Tetrachloroethene
Concen: 9.013 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

Tgt Ion:164 Resp: 19267

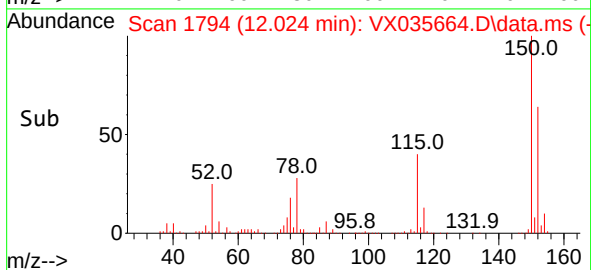
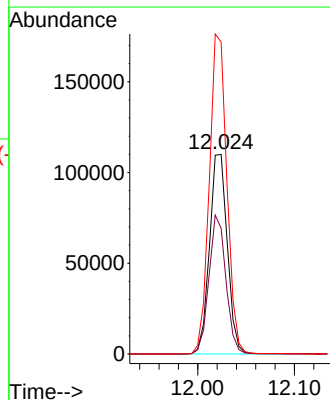
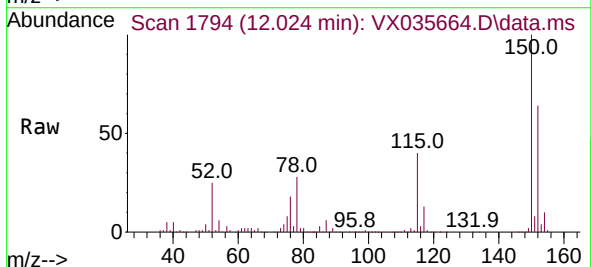
Ion	Ratio	Lower	Upper
164	100		
166	134.3	102.7	154.1
129	101.5	75.6	113.4
131	100.3	73.7	110.5

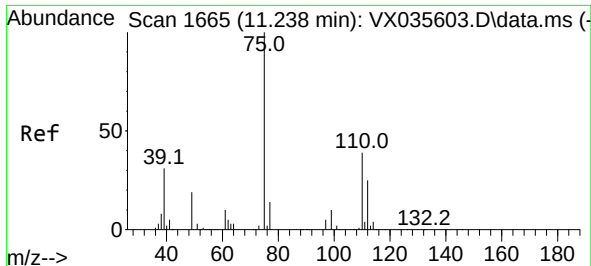


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion:152 Resp: 140797

Ion	Ratio	Lower	Upper
152	100		
115	66.3	45.0	135.0
150	158.2	0.0	352.4

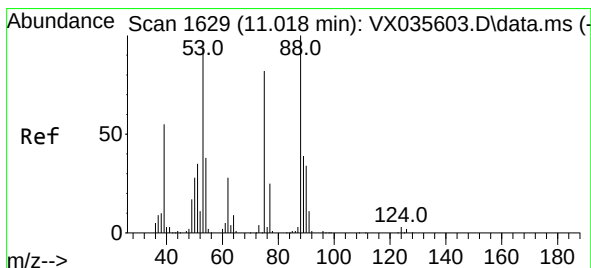
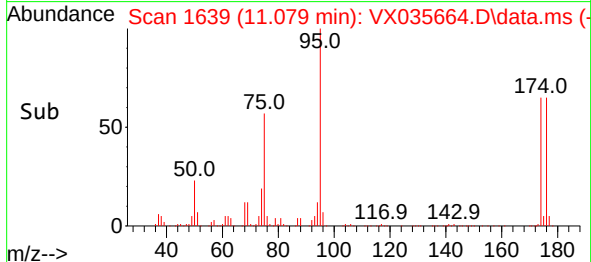
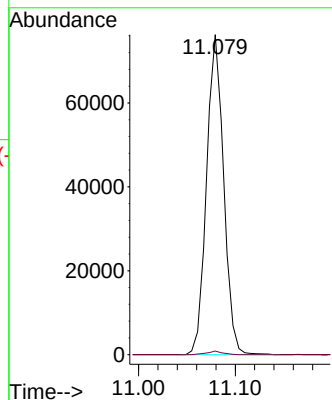
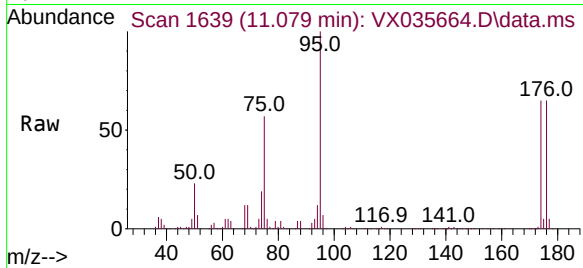




#76
1,2,3-Trichloropropane
Concen: 27.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-02-71-05082023

Tgt Ion: 75 Resp: 93851
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

Tgt Ion: 75 Resp: 93851
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

