

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)

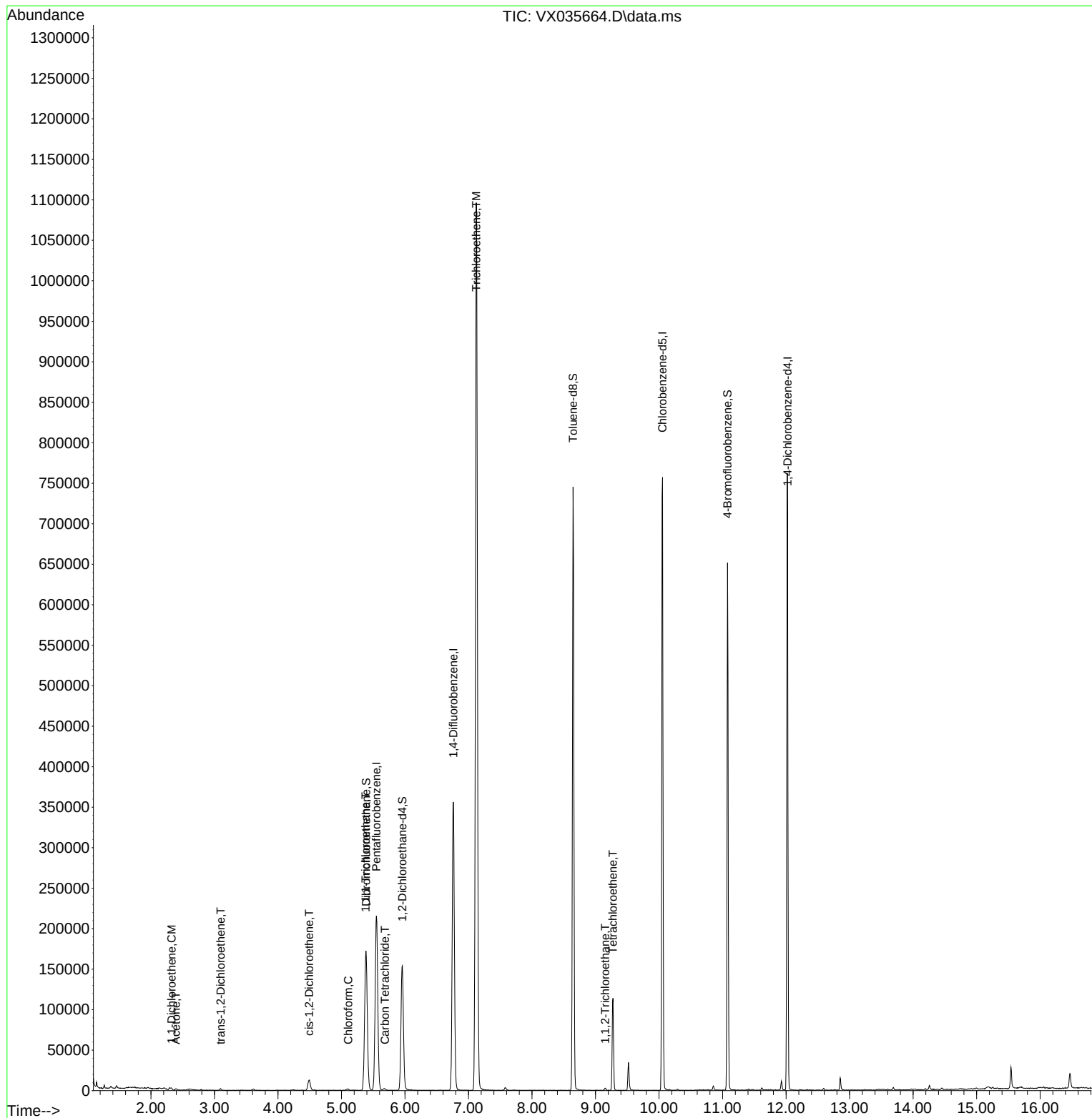
Internal Standards						
1) Pentafluorobenzene	5.550	168	186086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
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
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
32) 1,1,1-Trichloroethane	5.379	97	41087	9.913	ug/l	99
38) Carbon Tetrachloride	5.684	117	1836	0.528	ug/l #	80
44) Trichloroethene	7.123	130	397762	152.735	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	741	0.291	ug/l #	78
64) Tetrachloroethene	9.275	164	19267	9.013	ug/l	93

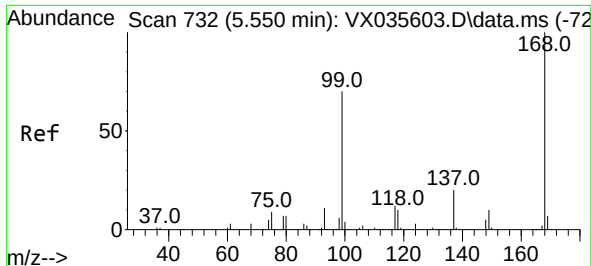
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02751-06
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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

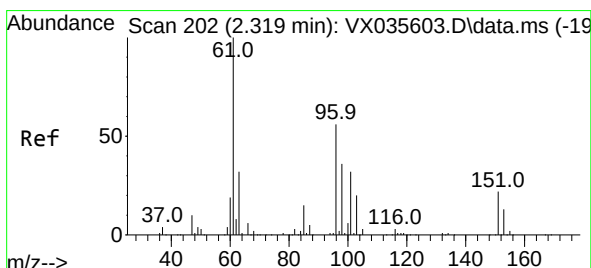
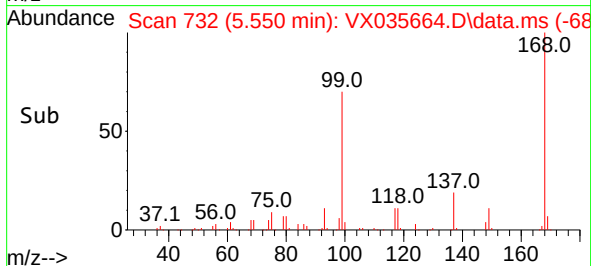
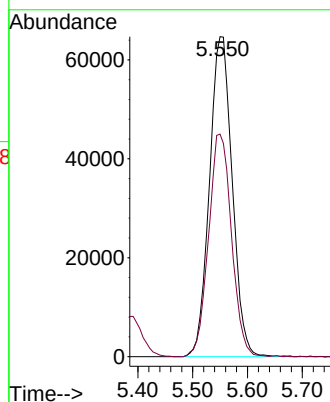
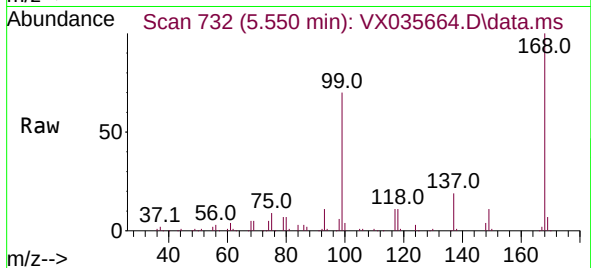




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

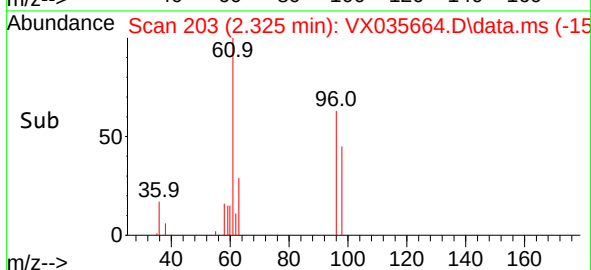
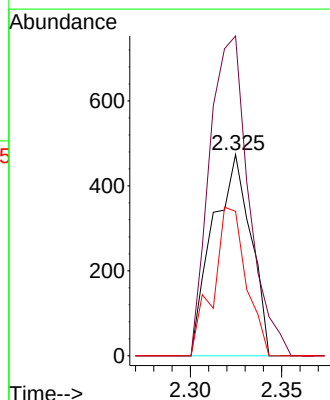
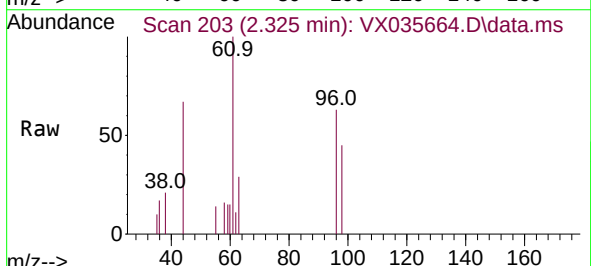
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

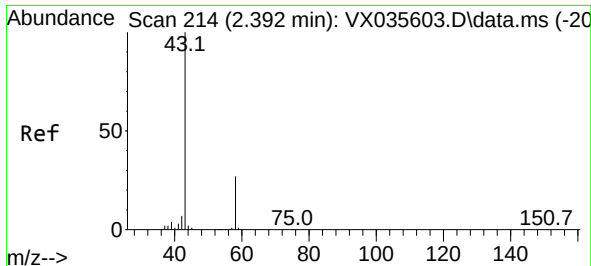
Tgt Ion:168 Resp: 186086
Ion Ratio Lower Upper
168 100
99 69.6 45.7 68.5#



#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

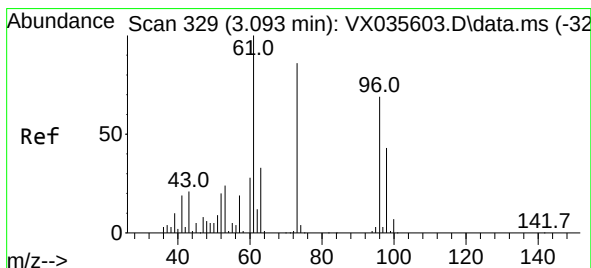
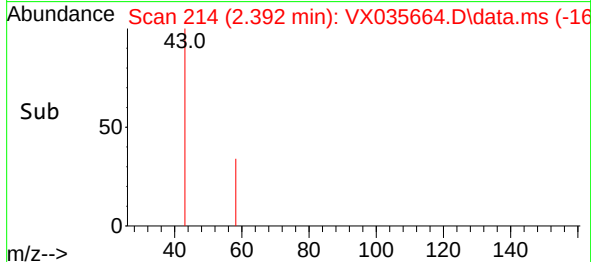
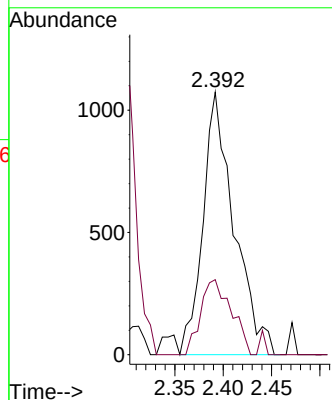
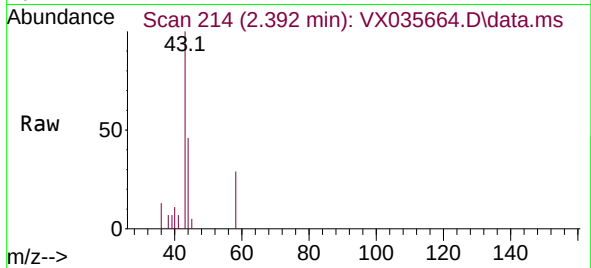




#16
Acetone
Concen: 1.725 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

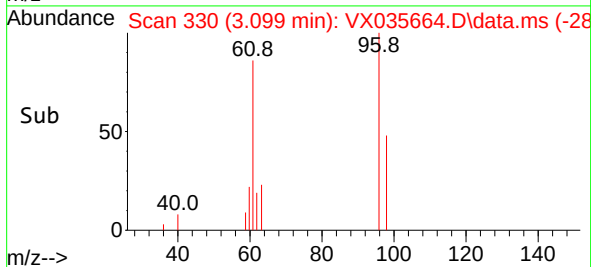
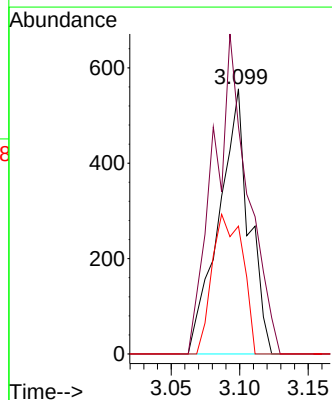
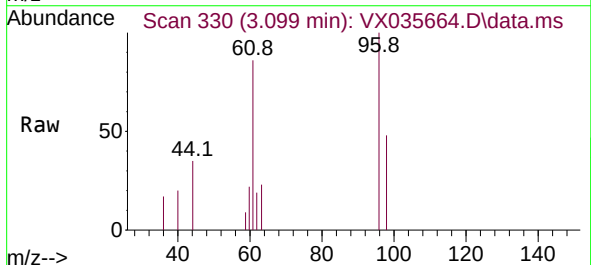
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

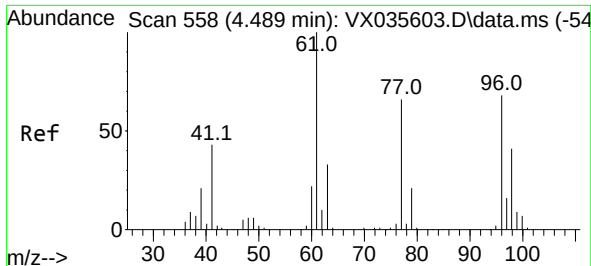
Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1



#21
trans-1,2-Dichloroethene
Concen: 0.377 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

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#

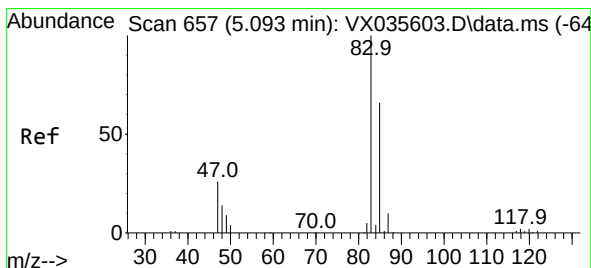
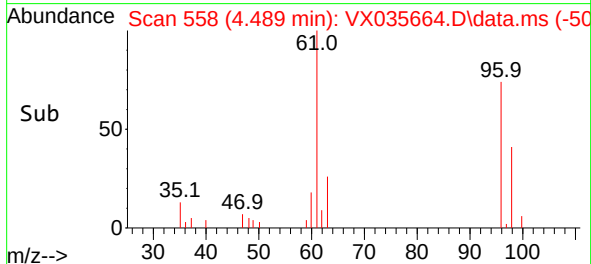
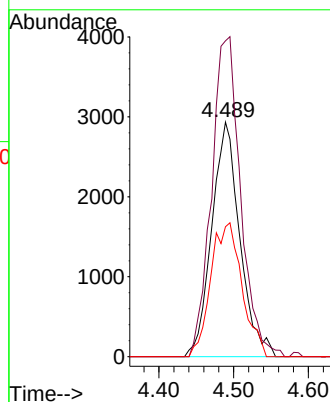
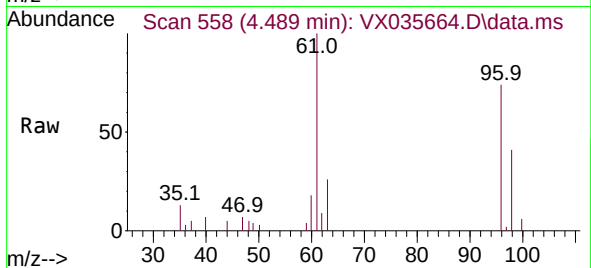




#27
cis-1,2-Dichloroethene
Concen: 2.806 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

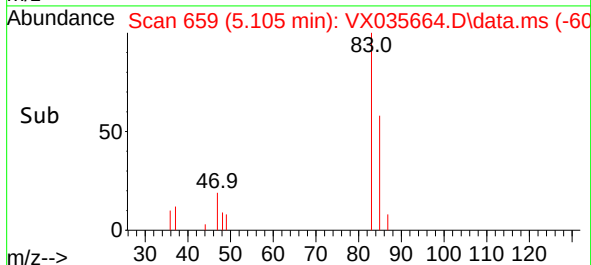
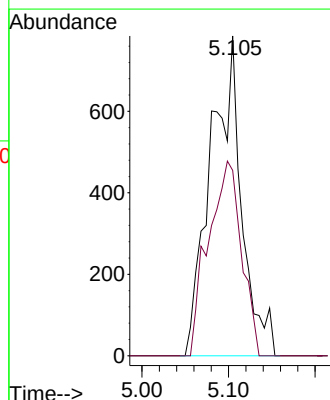
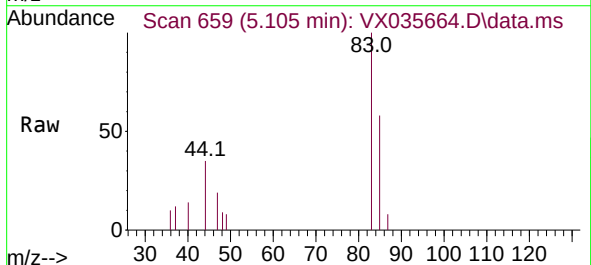
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

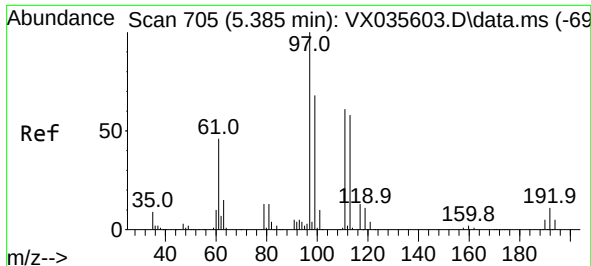
Tgt Ion: 96 Resp: 7660
Ion Ratio Lower Upper
96 100
61 141.3 0.0 300.4
98 63.4 0.0 129.0



#30
Chloroform
Concen: 0.411 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

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

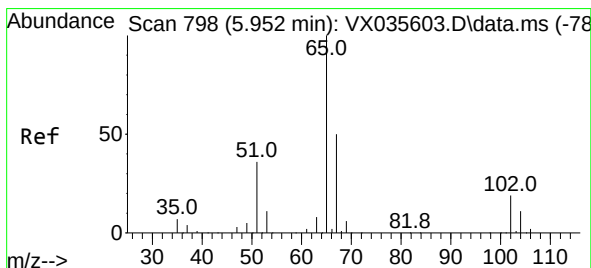
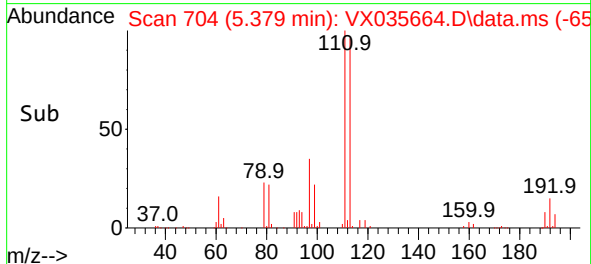
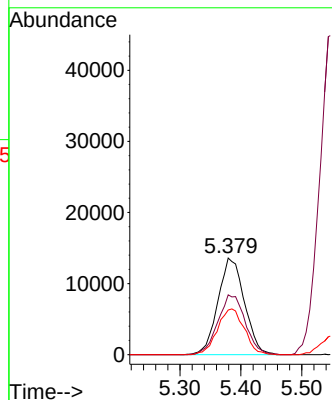
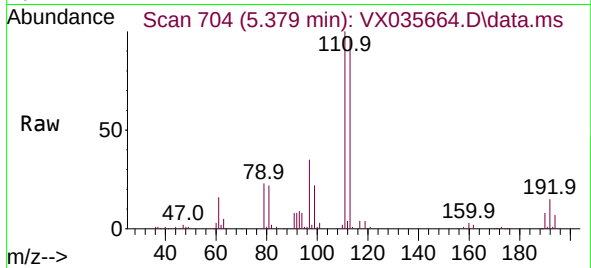




#32
1,1,1-Trichloroethane
Concen: 9.913 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

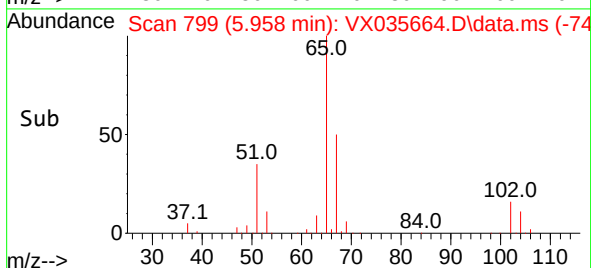
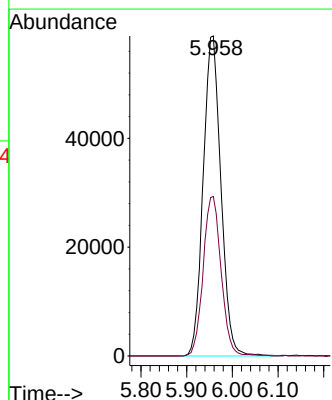
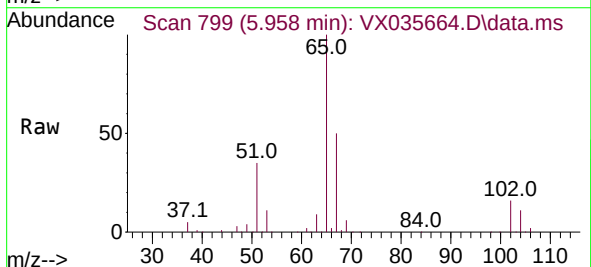
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023

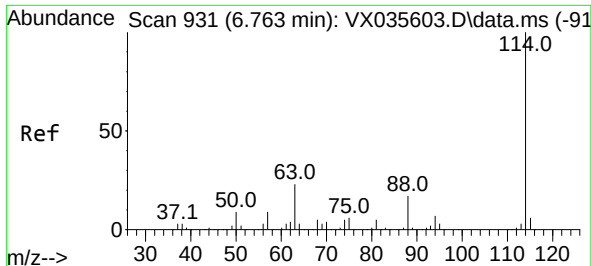
Tgt Ion: 97 Resp: 41087
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.9 36.5 54.7



#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

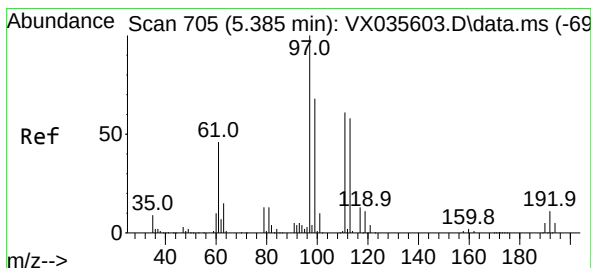
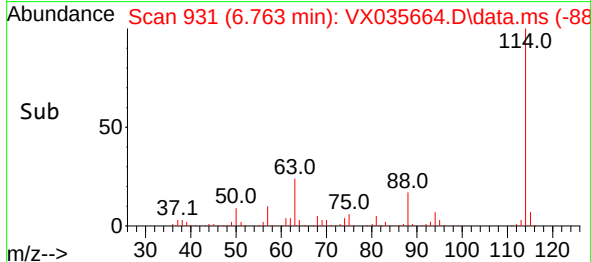
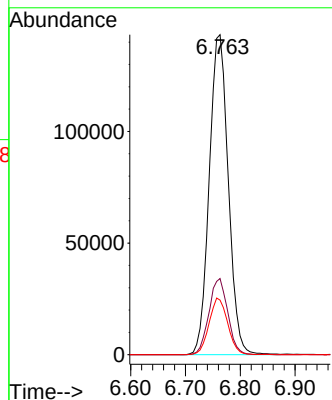
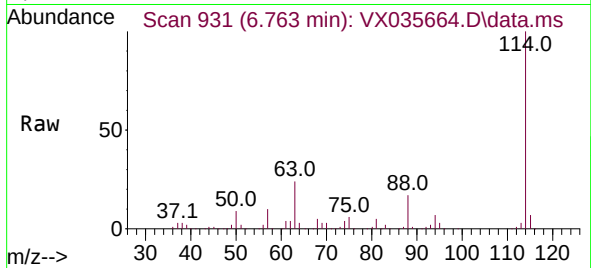




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

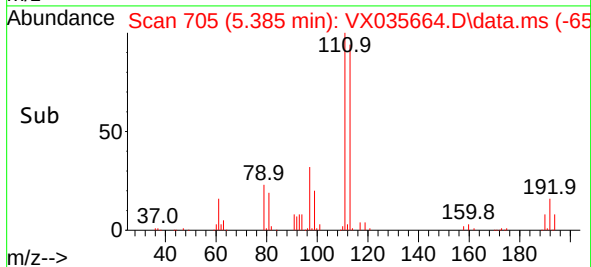
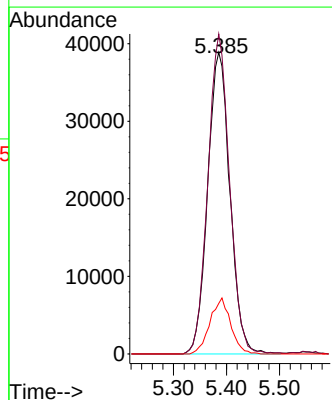
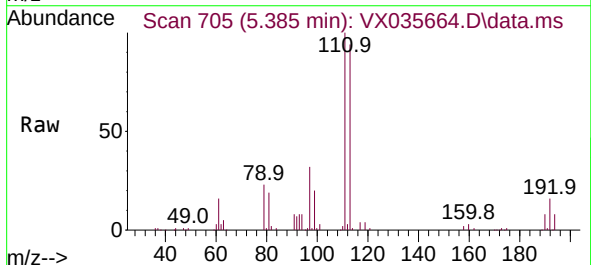
Instrument :
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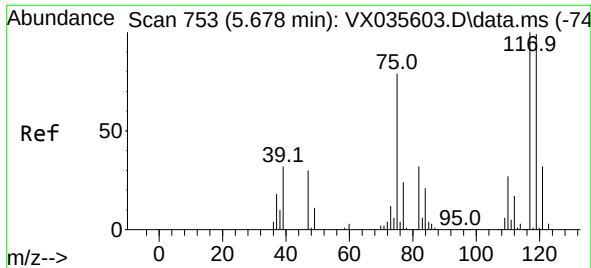
Tgt Ion:114 Resp: 344889
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.1 0.0 33.2



#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

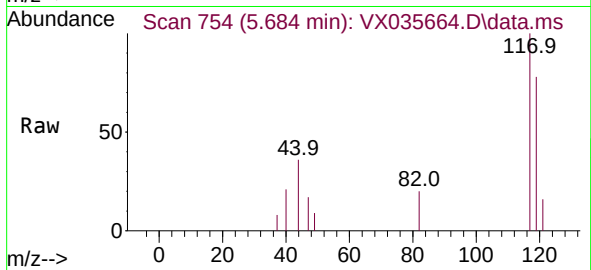
Tgt Ion:113 Resp: 113344
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.3 15.4 23.2



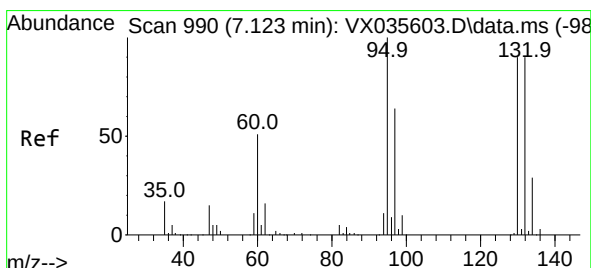
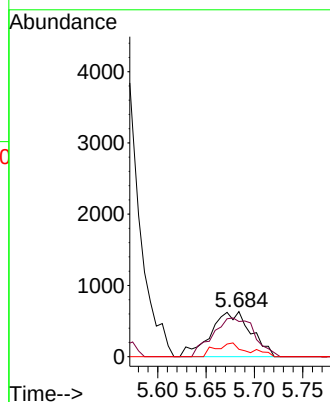
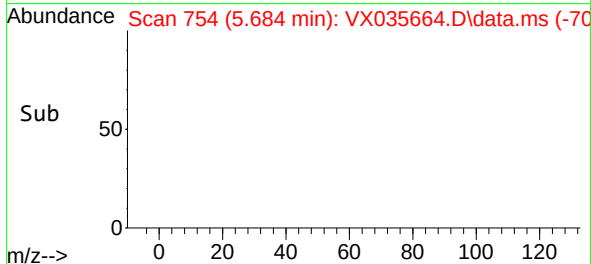


#38
Carbon Tetrachloride
Concen: 0.528 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

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

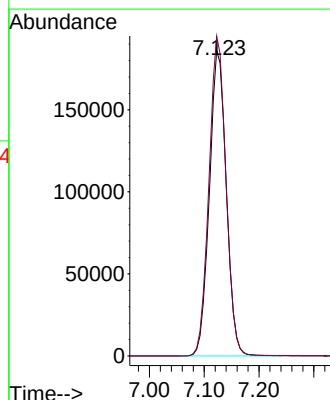
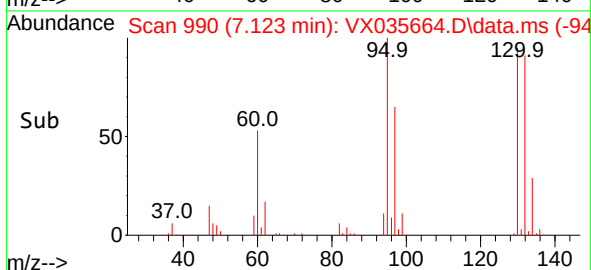
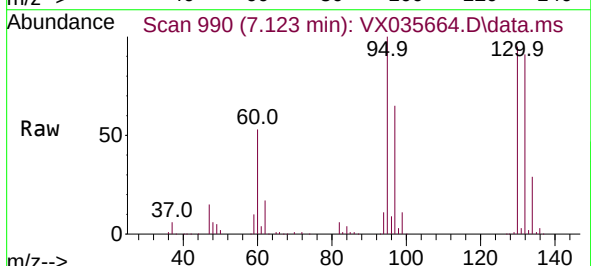


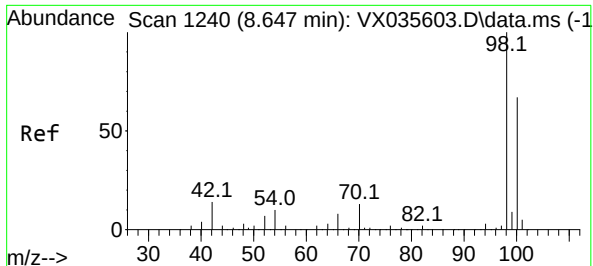
Tgt Ion:117 Resp: 1836
Ion Ratio Lower Upper
117 100
119 78.2 76.6 114.8
121 16.5 23.8 35.6#



#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

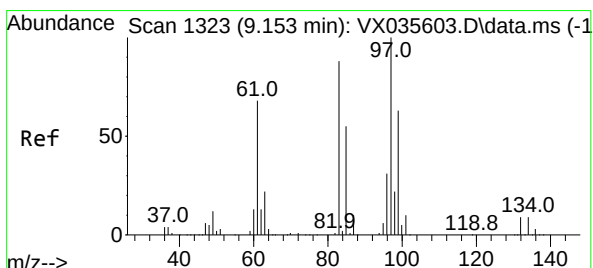
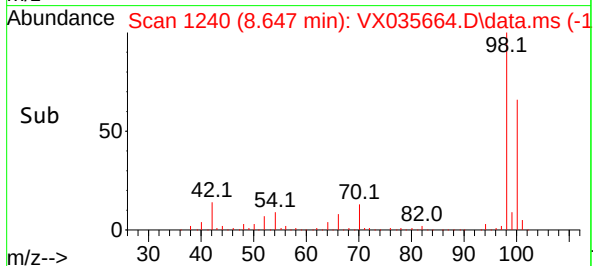
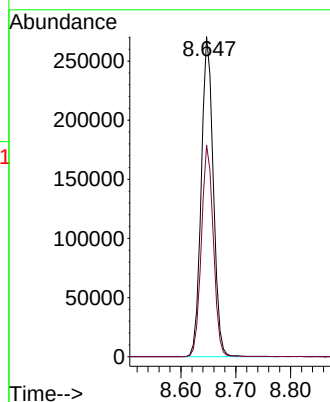
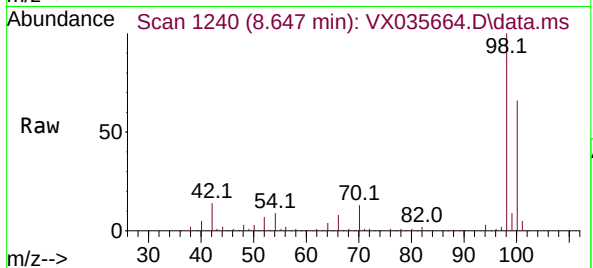




#50
Toluene-d8
Concen: 47.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

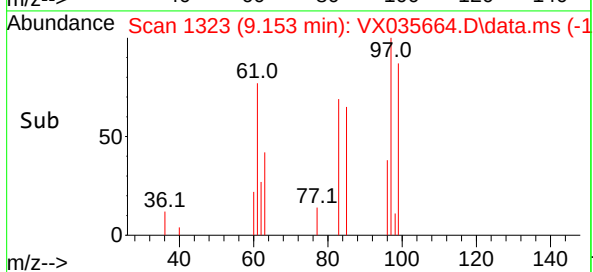
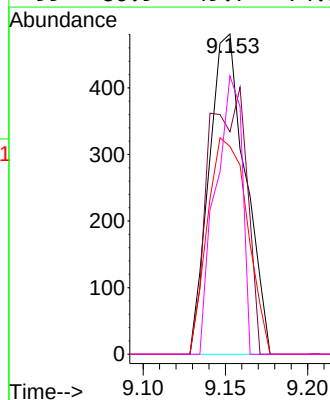
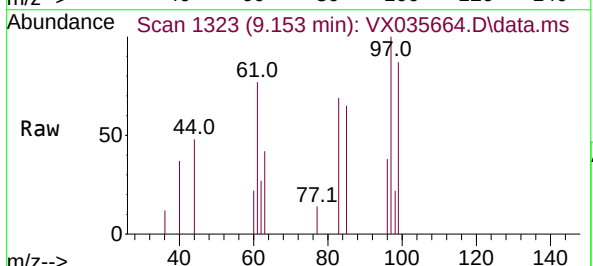
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-02-71-05082023

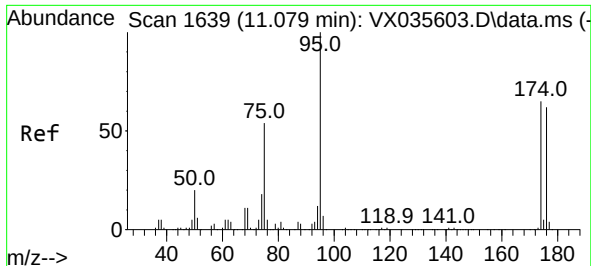
Tgt Ion: 98 Resp: 412373
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#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#





#62

4-Bromofluorobenzene

Concen: 49.260 ug/l

RT: 11.079 min Scan# 1

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

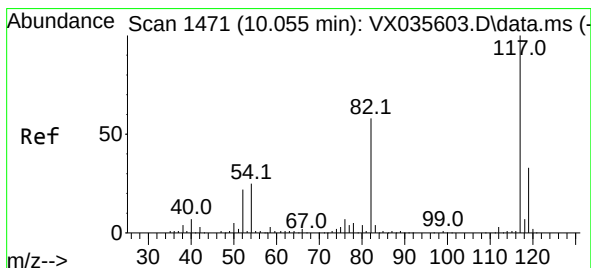
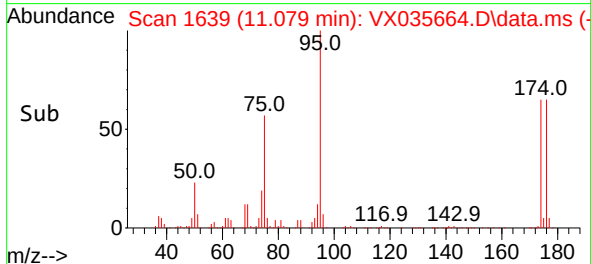
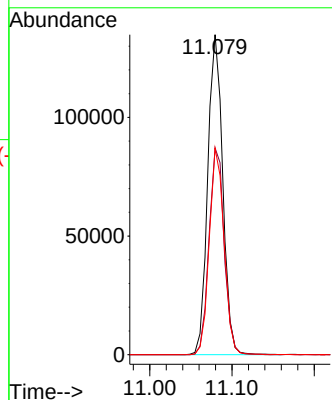
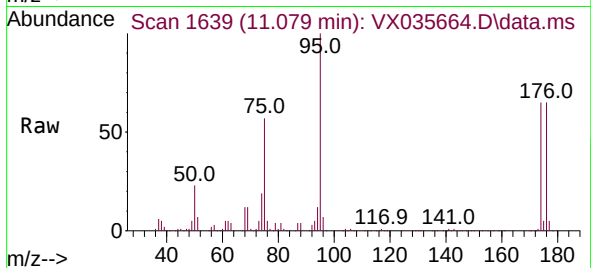
Tgt Ion: 95 Resp: 170427

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

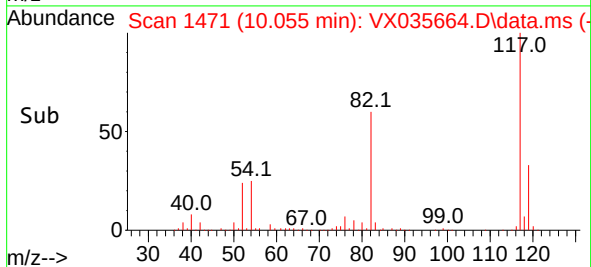
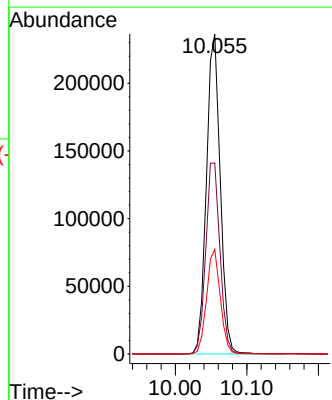
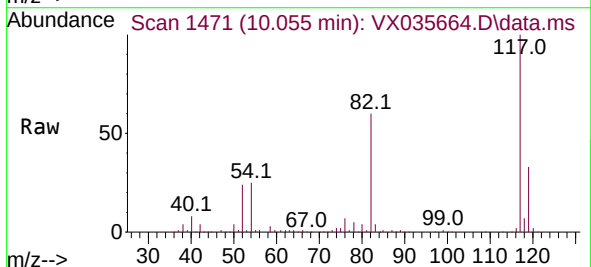
Tgt Ion: 117 Resp: 317516

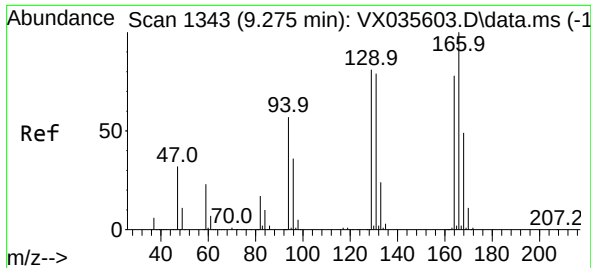
Ion Ratio Lower Upper

117 100

82 59.7 45.0 67.4

119 32.6 26.0 39.0

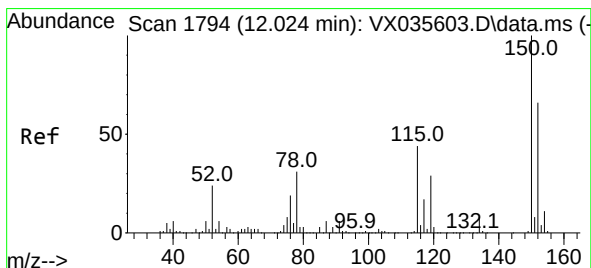
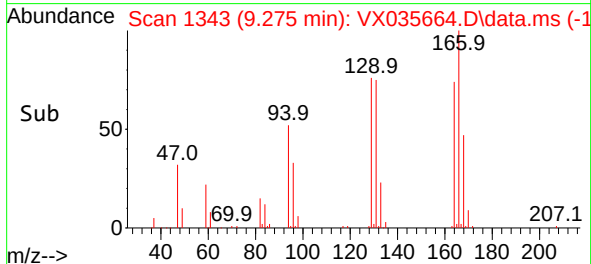
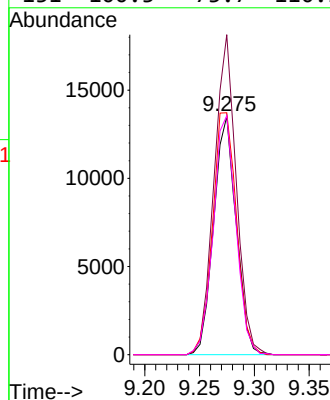
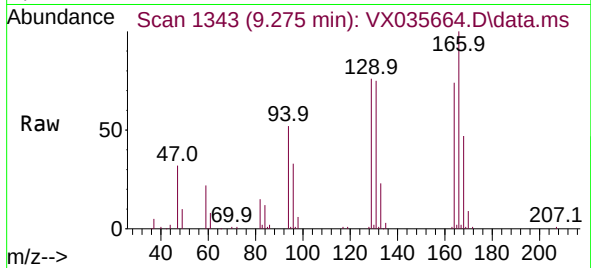




#64
Tetrachloroethene
Concen: 9.013 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035664.D
Acq: 15 May 2023 14:49

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

