

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035690.D
 Acq On : 16 May 2023 14:53
 Operator : JC/MD
 Sample : 02751-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-01-05102023

Quant Time: May 17 05:30:43 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)

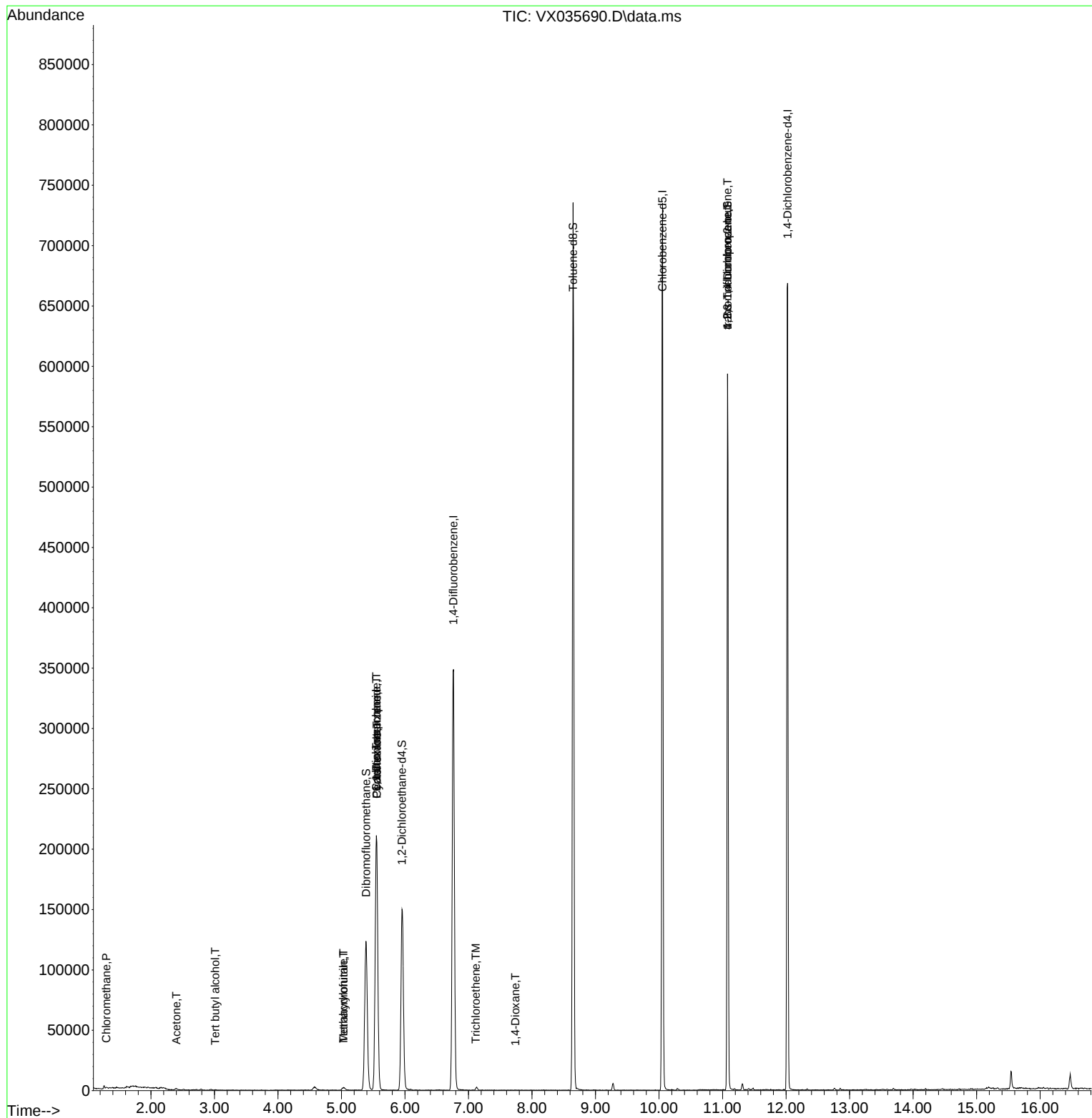
Internal Standards						
1) Pentafluorobenzene	5.556	168	180677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154167	48.911	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.385	113	107256	47.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.647	98	398746	47.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.400%		
62) 4-Bromofluorobenzene	11.079	95	159432	47.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	677	0.237	ug/l	92
11) Tert butyl alcohol	3.014	59	251	0.451	ug/l #	73
16) Acetone	2.398	43	1605	1.185	ug/l #	86
29) Tetrahydrofuran	5.032	42	1988	1.687	ug/l	97
31) Cyclohexane	5.556	56	5410	1.359	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	17478	4.894	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21047	6.221	ug/l #	16
41) Methacrylonitrile	5.032	41	1455	0.658	ug/l #	32
44) Trichloroethene	7.117	130	907	0.358	ug/l	66
49) 1,4-Dioxane	7.738	88	109	3.533	ug/l #	67
76) 1,2,3-Trichloropropane	11.079	75	88276	27.771	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88276	89.500	ug/l #	8

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

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FSND-TB-01-05102023

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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

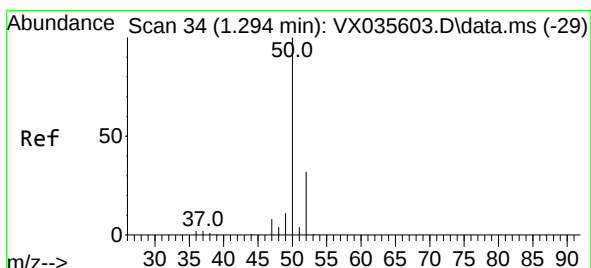
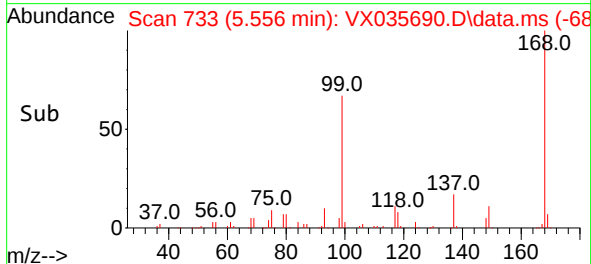
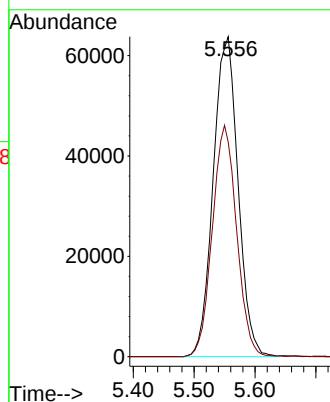
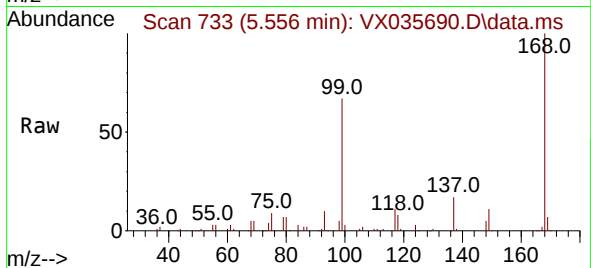




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

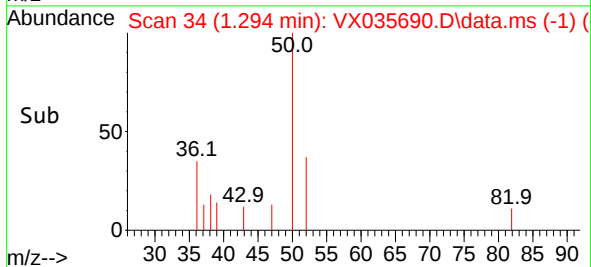
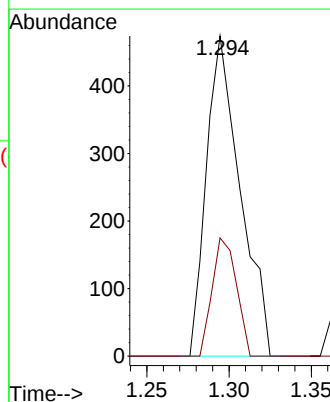
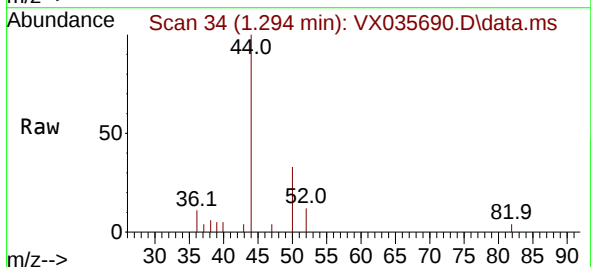
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

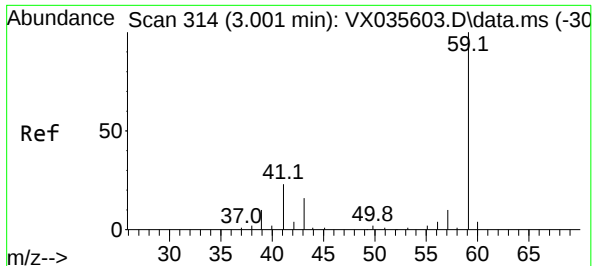
Tgt Ion:168 Resp: 180677
Ion Ratio Lower Upper
168 100
99 67.1 45.7 68.5



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 36.9 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.451 ug/l

RT: 3.014 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX035690.D

Acq: 16 May 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

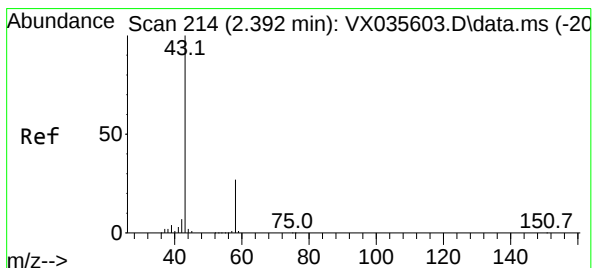
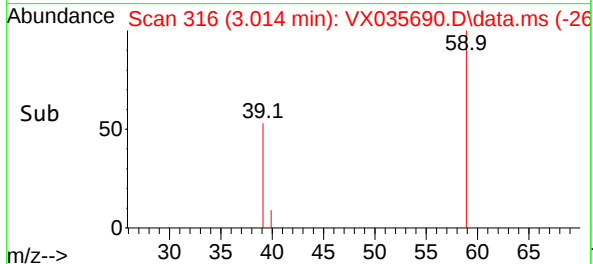
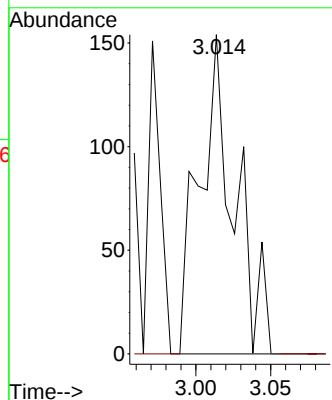
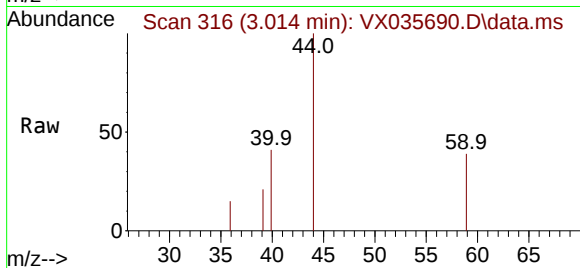
FSND-TB-01-05102023

Tgt Ion: 59 Resp: 251

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.185 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX035690.D

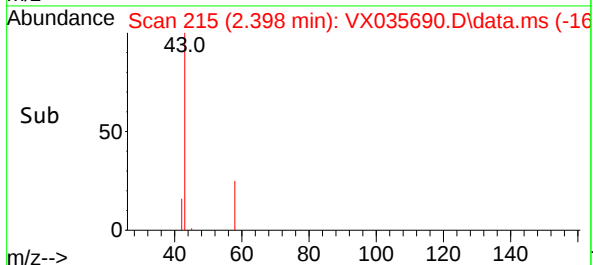
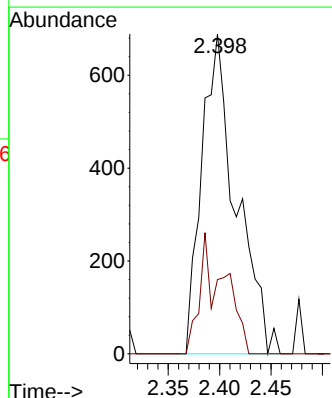
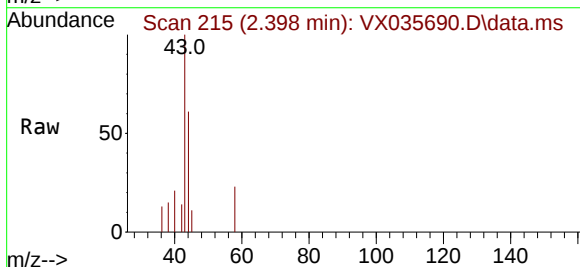
Acq: 16 May 2023 14:53

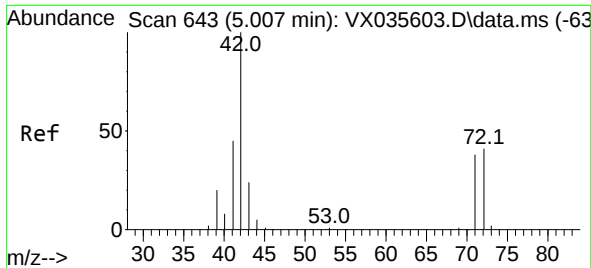
Tgt Ion: 43 Resp: 1605

Ion Ratio Lower Upper

43 100

58 23.2 24.7 37.1#

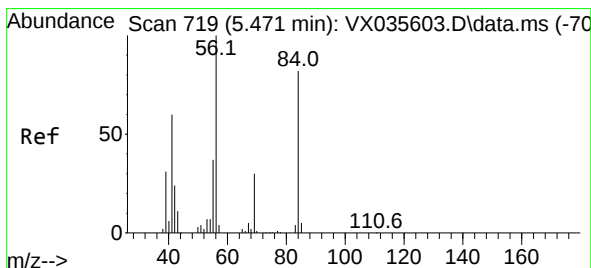
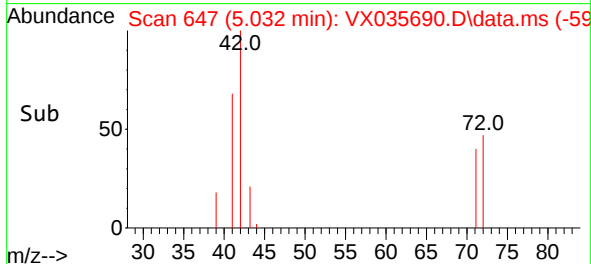
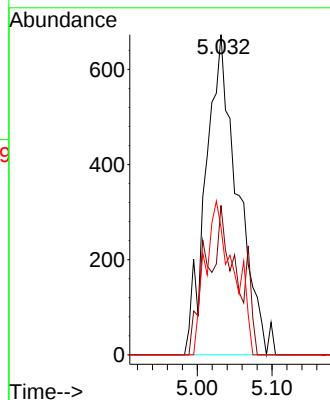
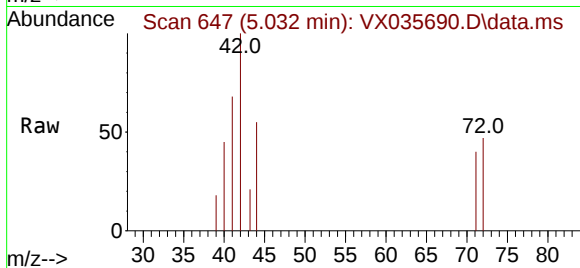




#29
Tetrahydrofuran
Concen: 1.687 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.025 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

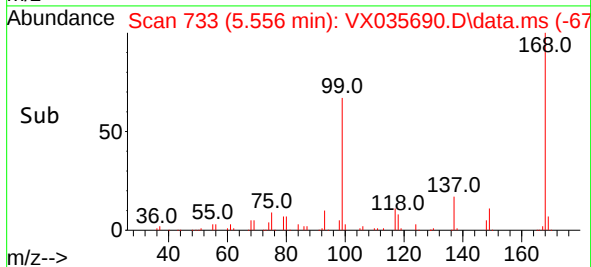
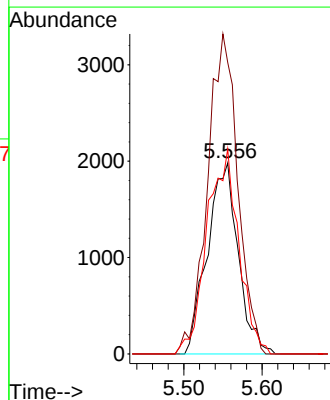
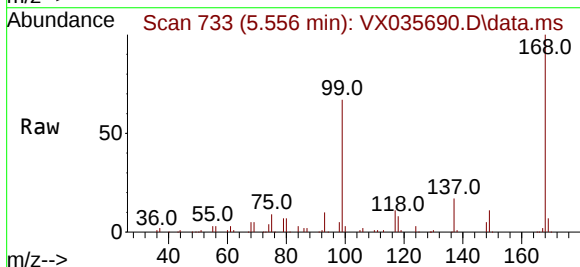
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

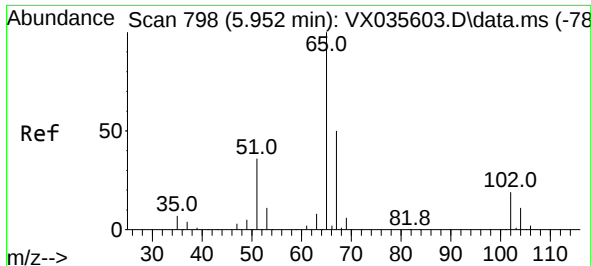
Tgt Ion:	42	Resp:	1988
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.5	51.7
71	42.7	32.1	48.1



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion:	56	Resp:	5410
Ion	Ratio	Lower	Upper
56	100		
69	152.6	23.7	35.5#
84	107.4	68.5	102.7#

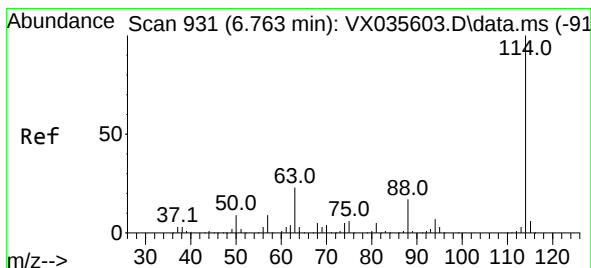
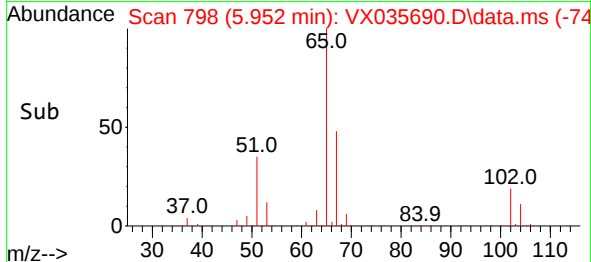
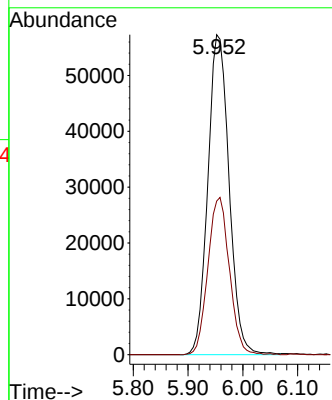
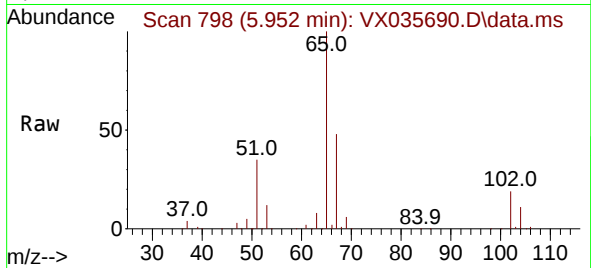




#33
1,2-Dichloroethane-d4
Concen: 48.911 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

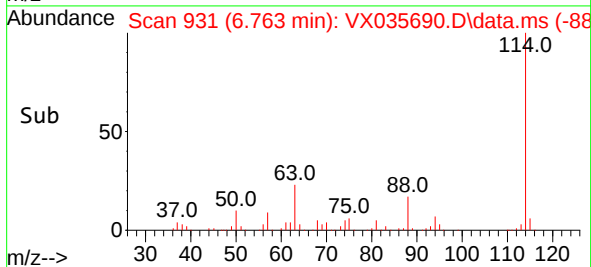
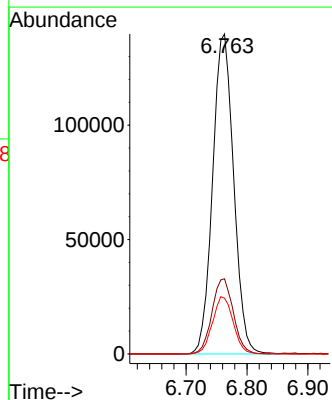
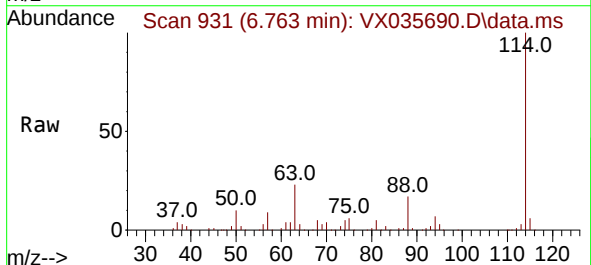
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

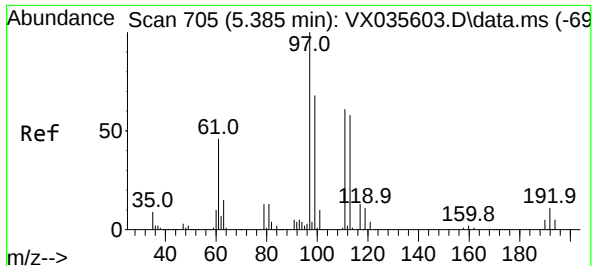
Tgt Ion: 65 Resp: 154167
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 114 Resp: 335506
Ion Ratio Lower Upper
114 100
63 23.5 0.0 42.2
88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.403 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035690.D

Acq: 16 May 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-01-05102023

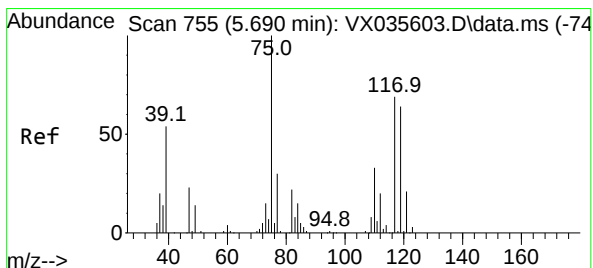
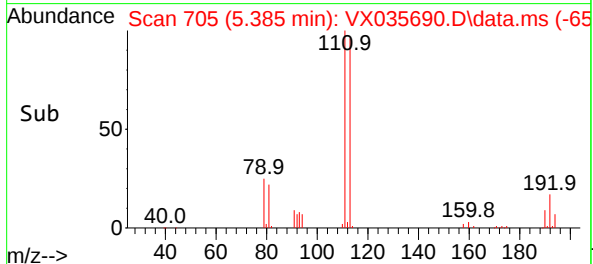
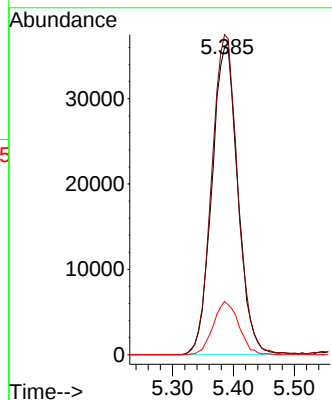
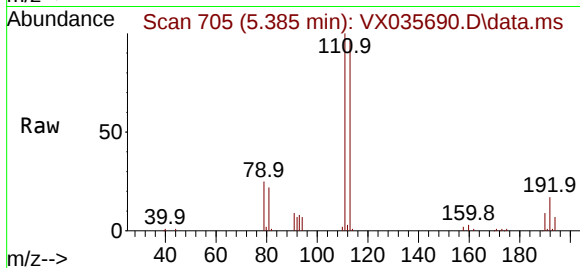
Tgt Ion:113 Resp: 107256

Ion Ratio Lower Upper

113 100

111 104.0 83.7 125.5

192 16.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035690.D

Acq: 16 May 2023 14:53

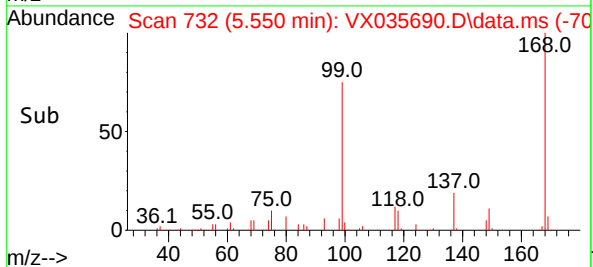
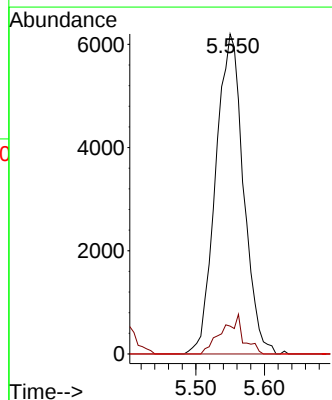
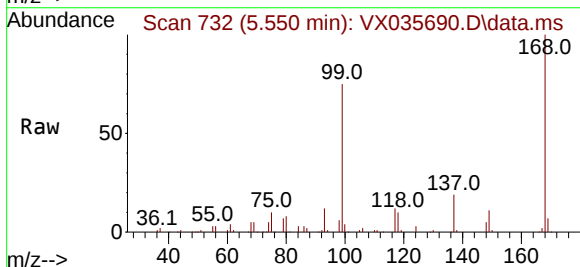
Tgt Ion: 75 Resp: 17478

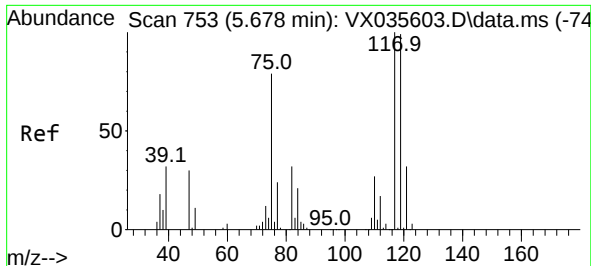
Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

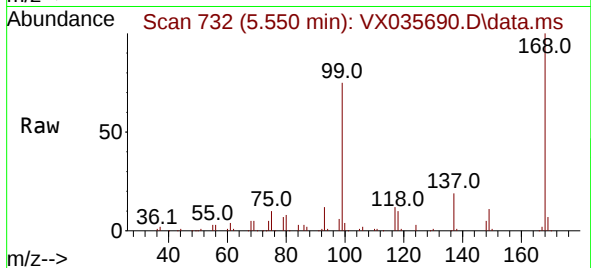
77 0.0 24.3 36.5#



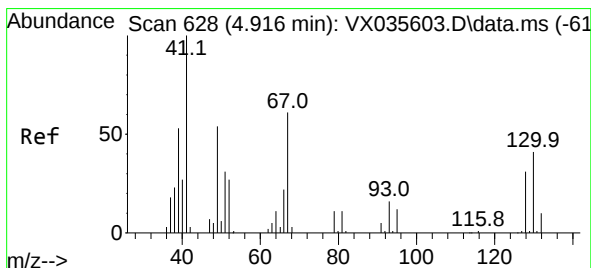
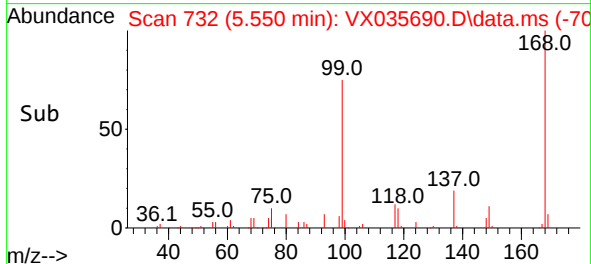
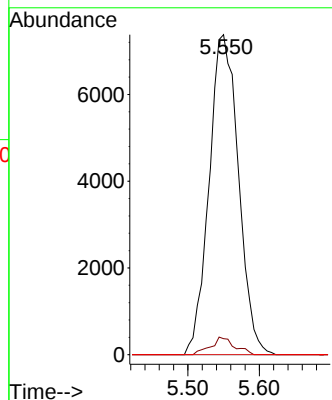


#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

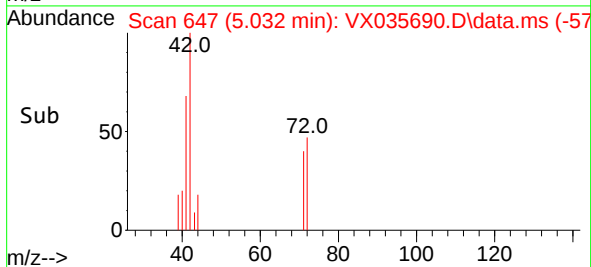
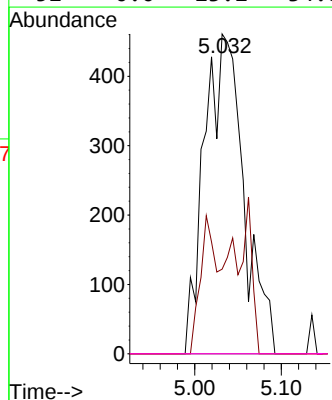
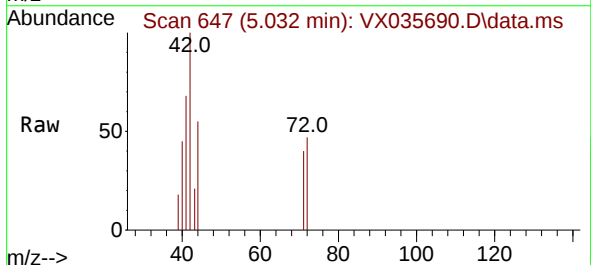


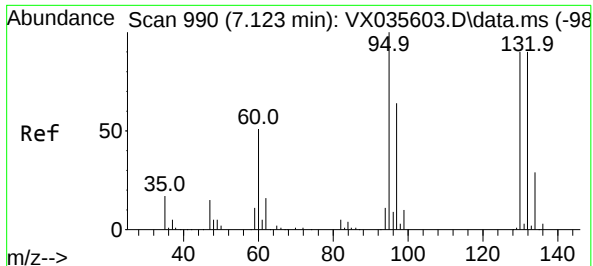
Tgt Ion: 117 Resp: 21047
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 0.658 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.116 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 41 Resp: 1455
Ion Ratio Lower Upper
41 100
39 16.5 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

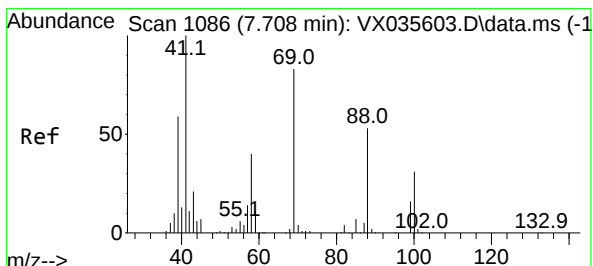
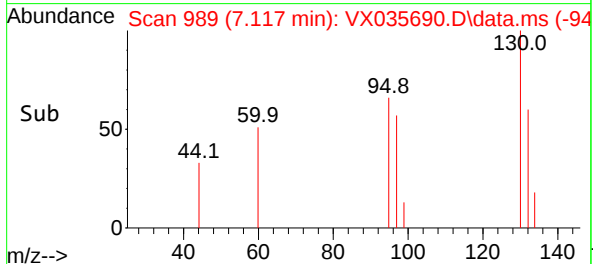
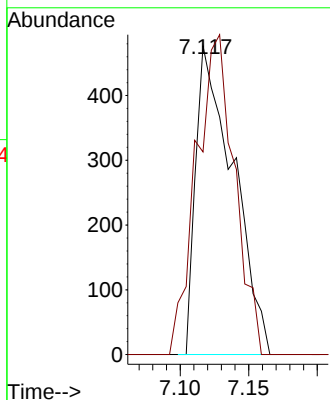
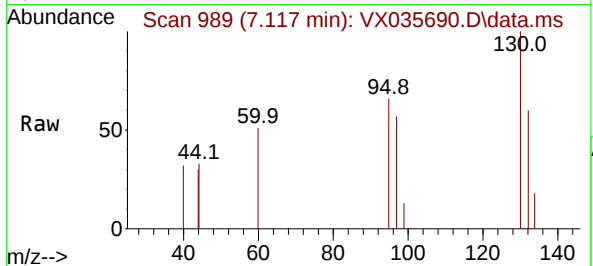




#44
Trichloroethene
Concen: 0.358 ug/l
RT: 7.117 min Scan# 909
Delta R.T. -0.006 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

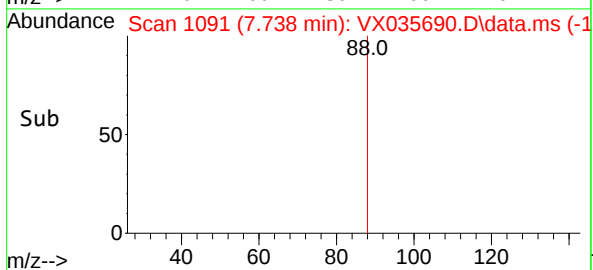
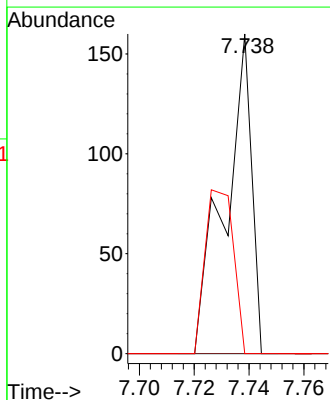
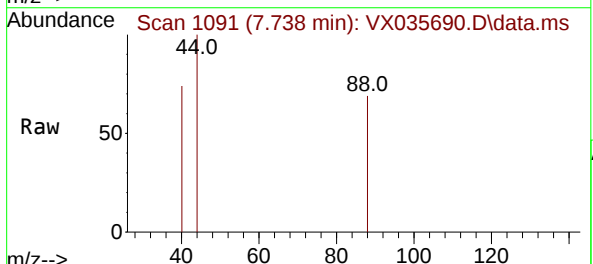
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

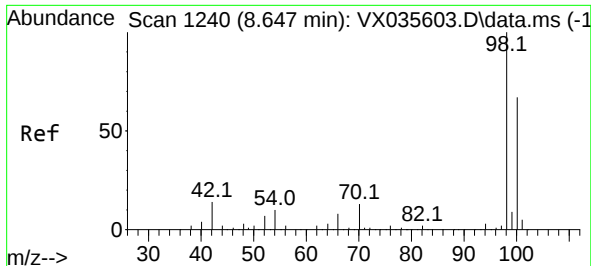
Tgt Ion:130 Resp: 907
Ion Ratio Lower Upper
130 100
95 65.6 0.0 198.4



#49
1,4-Dioxane
Concen: 3.533 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.030 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 54.1 56.8 85.2#

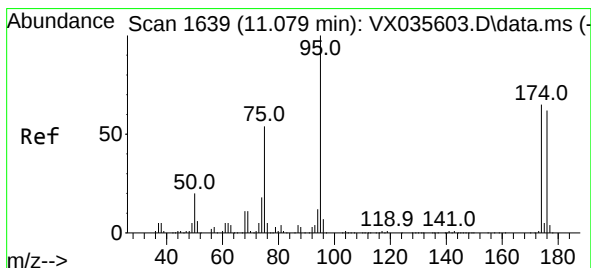
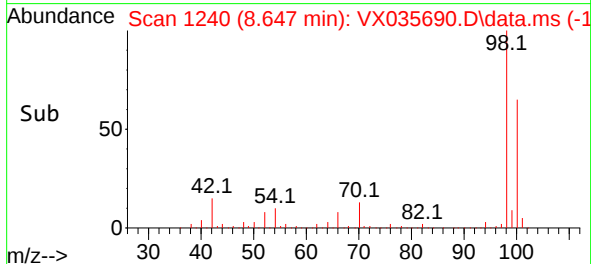
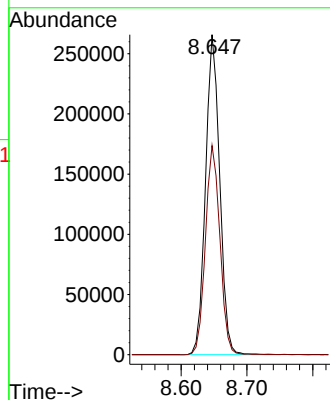
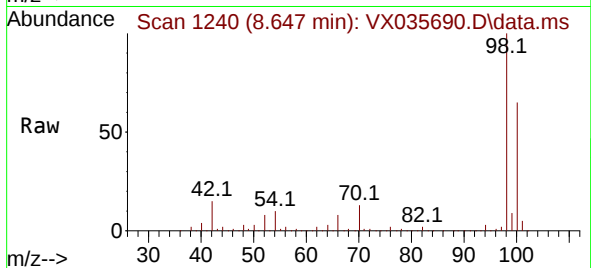




#50
Toluene-d8
Concen: 47.704 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

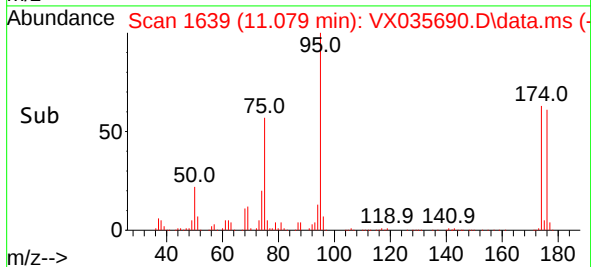
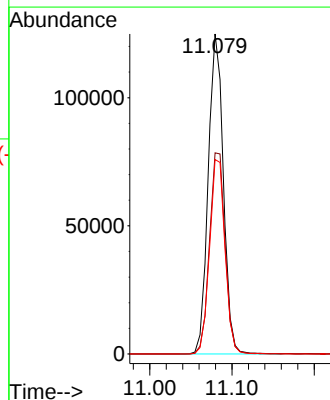
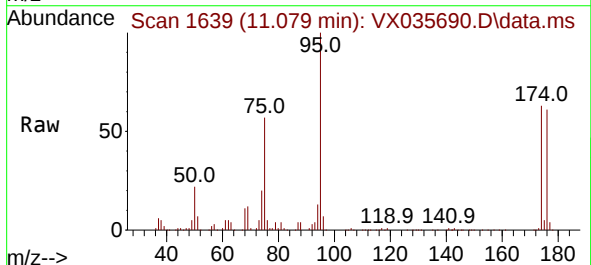
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

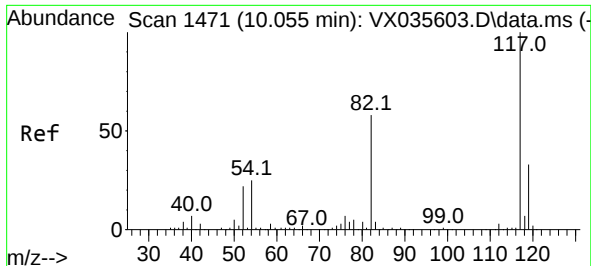
Tgt Ion: 98 Resp: 398746
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 95 Resp: 159432
Ion Ratio Lower Upper
95 100
174 65.0 0.0 147.4
176 62.0 0.0 140.6

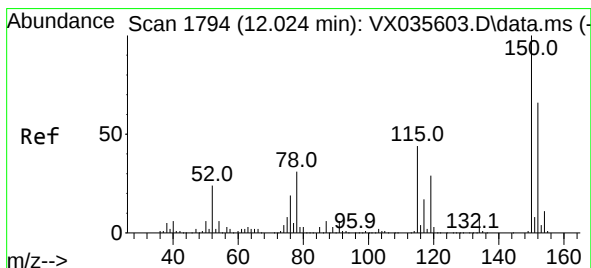
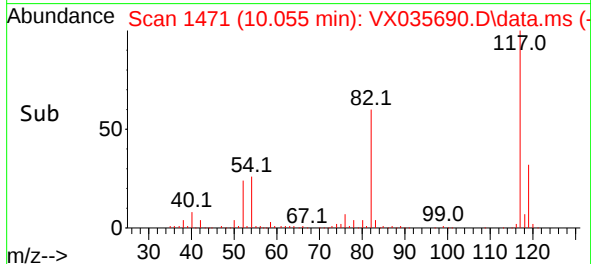
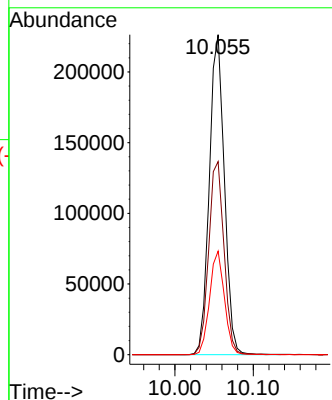
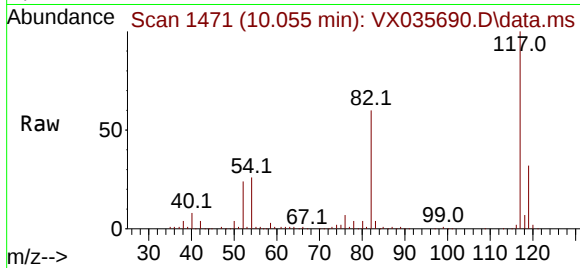




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

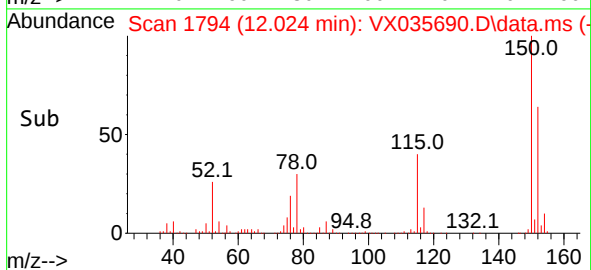
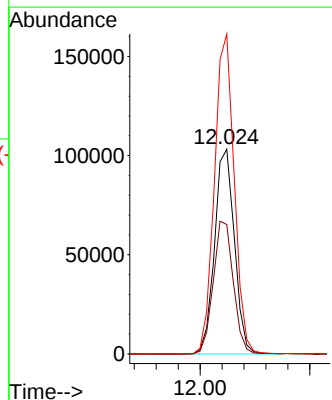
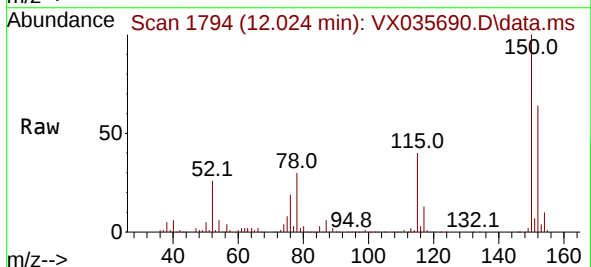
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

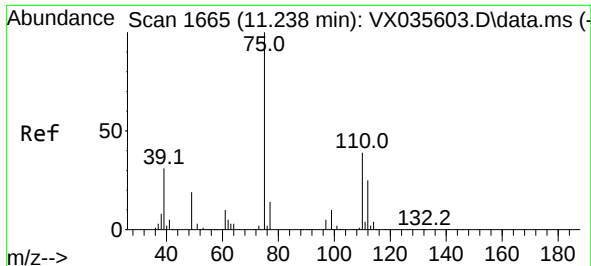
Tgt Ion:117 Resp: 301471
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion:152 Resp: 129956
Ion Ratio Lower Upper
152 100
115 65.6 45.0 135.0
150 155.5 0.0 352.4

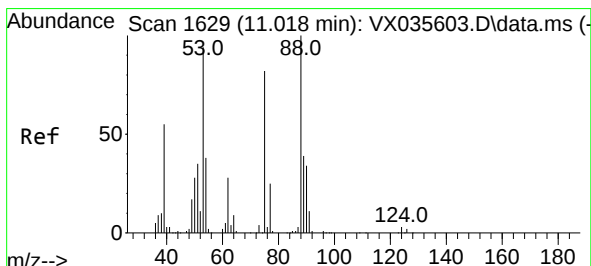
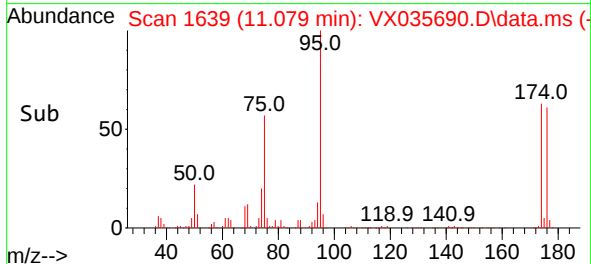
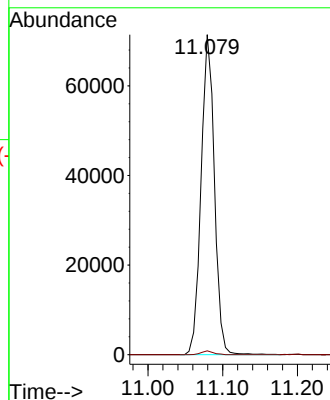
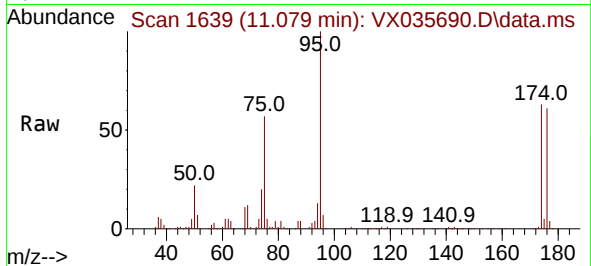




#76
1,2,3-Trichloropropane
Concen: 27.771 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-01-05102023

Tgt Ion: 75 Resp: 88276
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035690.D
Acq: 16 May 2023 14:53

Tgt Ion: 75 Resp: 88276
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

