

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035688.D
 Acq On : 16 May 2023 14:06
 Operator : JC/MD
 Sample : 02643-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-DUP-01-05032023DL

Quant Time: May 17 05:29:57 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)

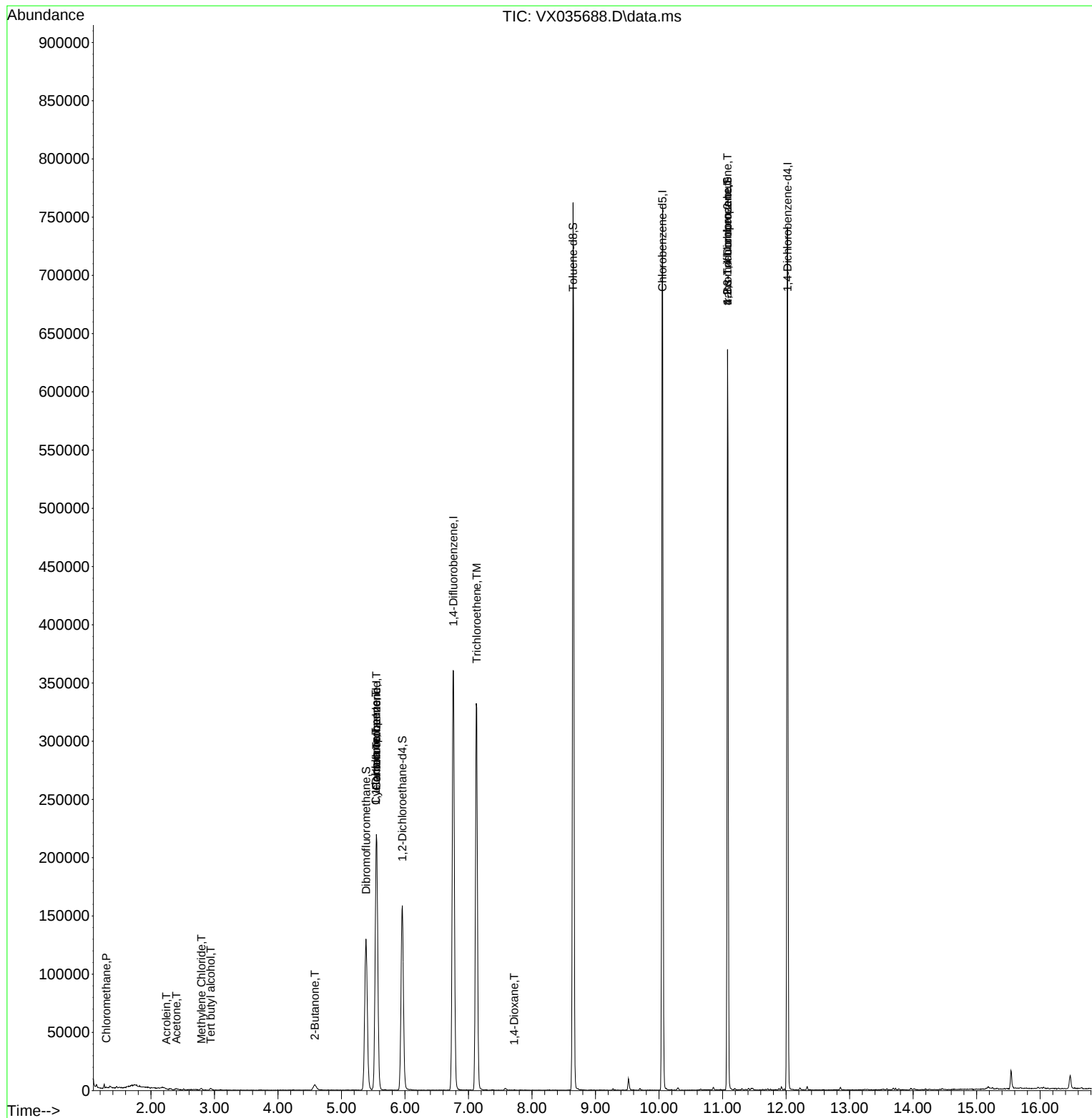
Internal Standards						
1) Pentafluorobenzene	5.550	168	188009	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	348412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158465	48.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.385	113	110869	47.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	420651	48.460	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	172112	49.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	830	0.279	ug/l	96
11) Tert butyl alcohol	2.940	59	925	1.599	ug/l	# 73
13) Acrolein	2.239	56	148	0.215	ug/l	# 79
16) Acetone	2.398	43	1617	1.147	ug/l	94
20) Methylene Chloride	2.794	84	733	0.287	ug/l	# 81
25) 2-Butanone	4.580	43	401	0.205	ug/l	# 51
31) Cyclohexane	5.544	56	5079	1.226	ug/l	# 18
36) 1,1-Dichloropropene	5.544	75	18434	4.970	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21933	6.243	ug/l	# 15
44) Trichloroethene	7.129	130	121110	46.034	ug/l	96
49) 1,4-Dioxane	7.720	88	22	2.299	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	95065	27.418	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	95065	88.363	ug/l	# 8

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

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FSND-DUP-01-05032023DL

Quant Time: May 17 05:29:57 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

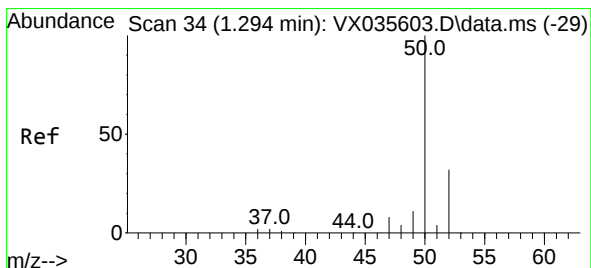
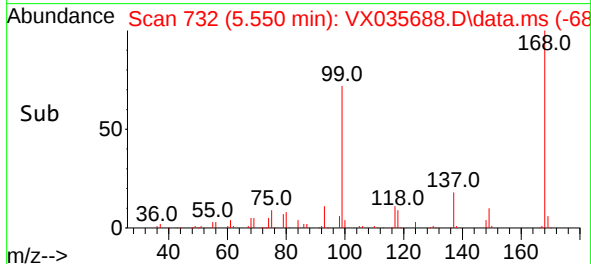
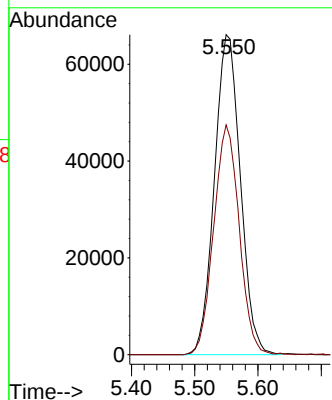
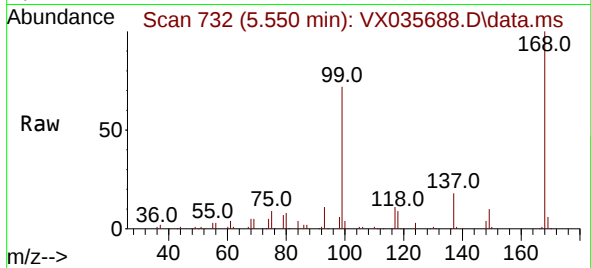




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

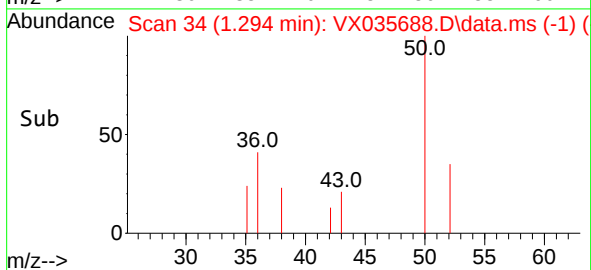
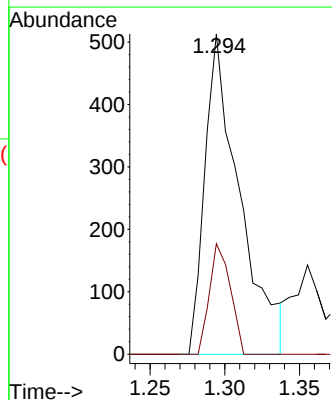
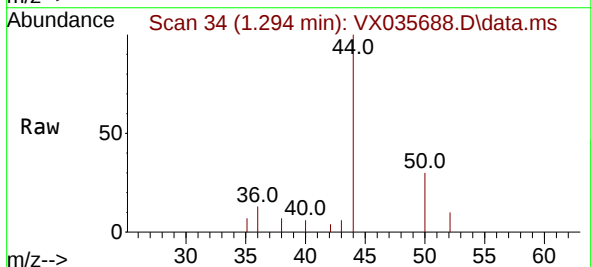
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023DL

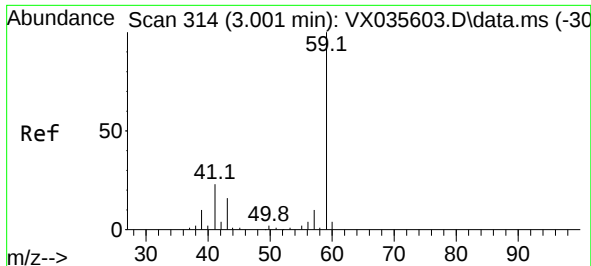
Tgt Ion:168 Resp: 188009
Ion Ratio Lower Upper
168 100
99 71.8 45.7 68.5#



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Tgt Ion: 50 Resp: 830
Ion Ratio Lower Upper
50 100
52 34.5 25.9 38.9

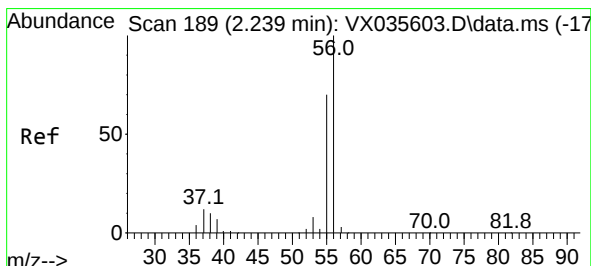
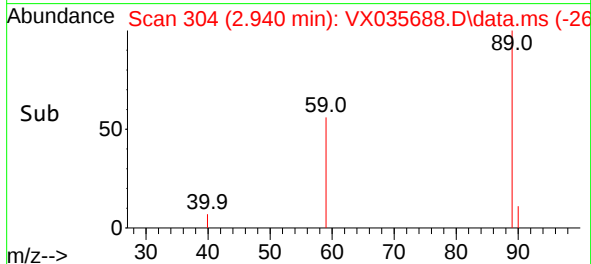
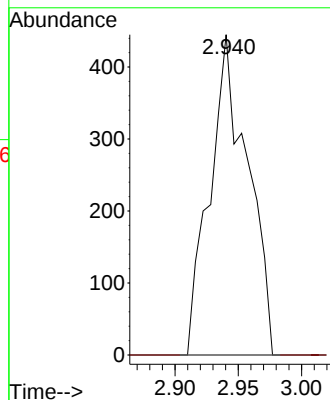
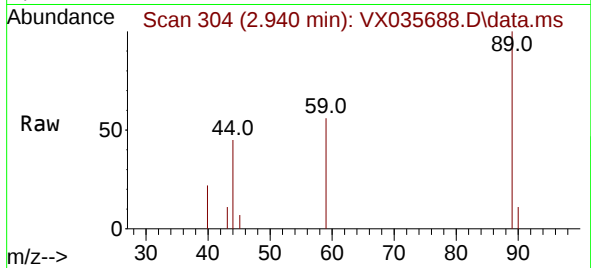




#11
Tert butyl alcohol
Concen: 1.599 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

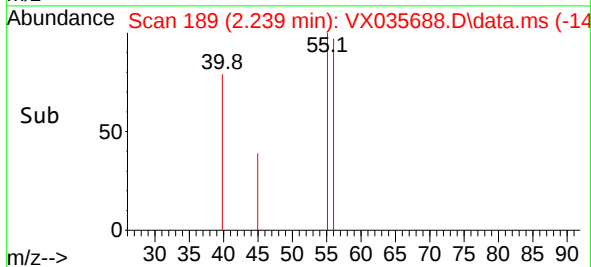
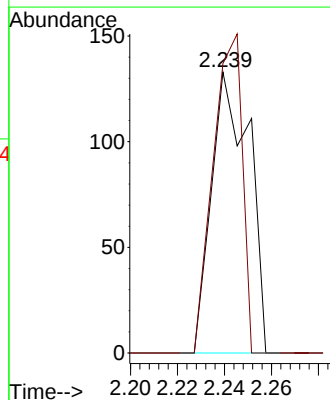
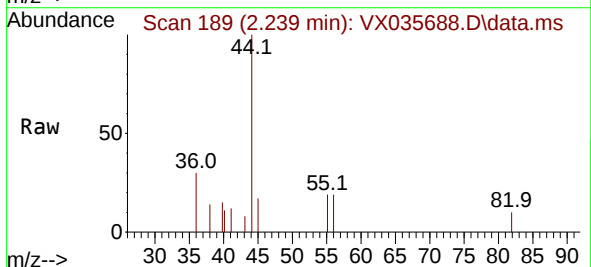
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023DL

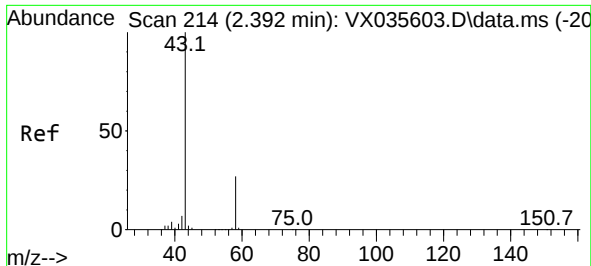
Tgt Ion: 59 Resp: 925
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.215 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 87.8 56.6 85.0#

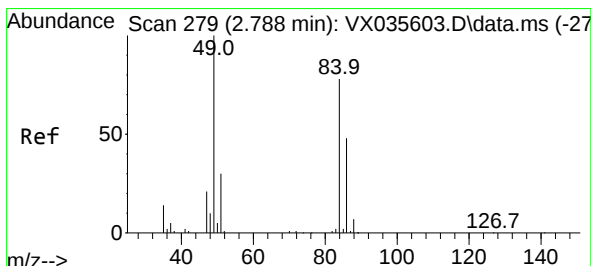
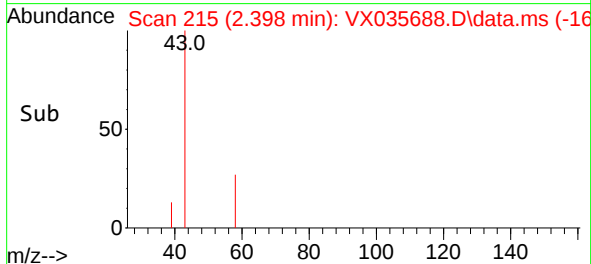
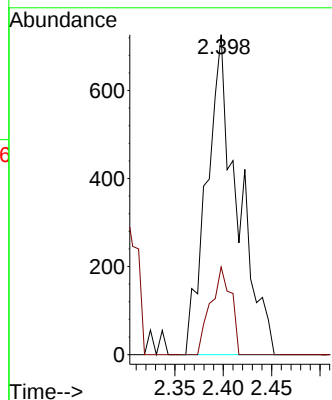
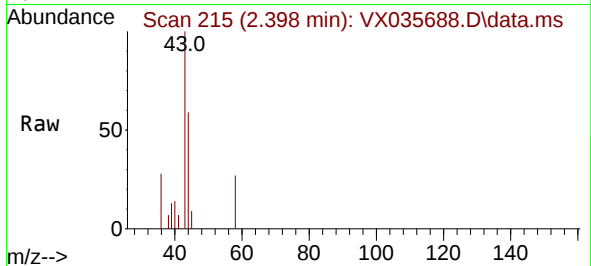




#16
Acetone
Concen: 1.147 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

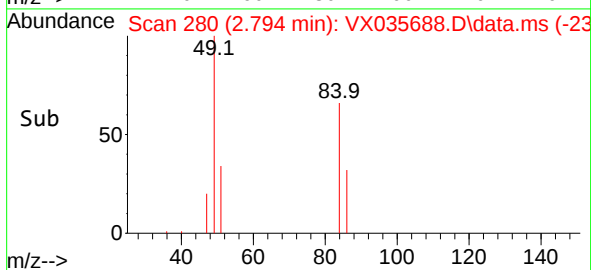
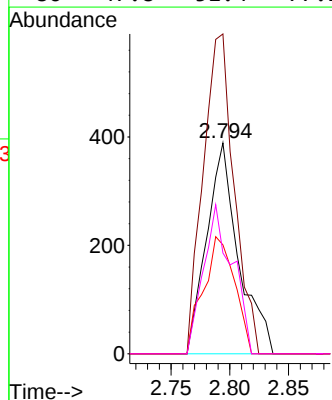
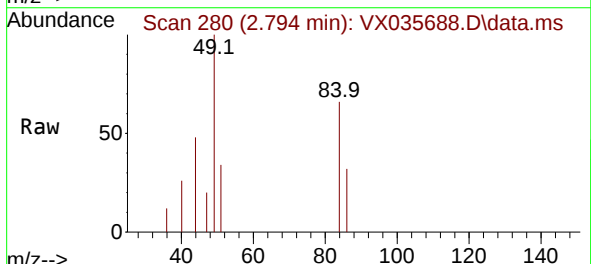
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023DL

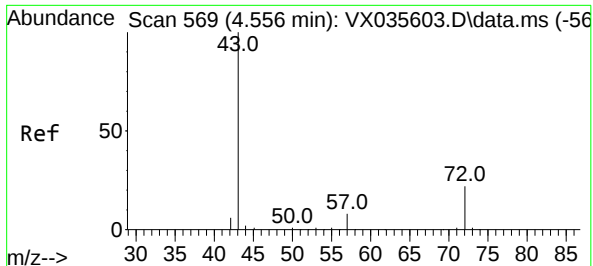
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Tgt Ion: 84 Resp: 733
Ion Ratio Lower Upper
84 100
49 151.7 103.8 155.8
51 51.7 31.8 47.8#
86 47.8 51.4 77.2#





#25

2-Butanone

Concen: 0.205 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

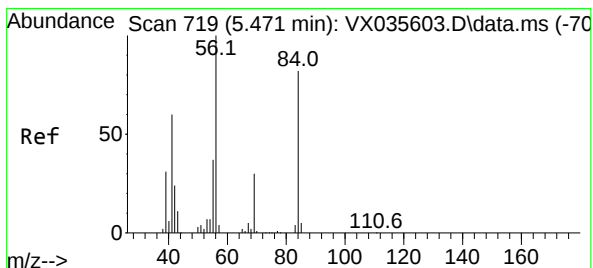
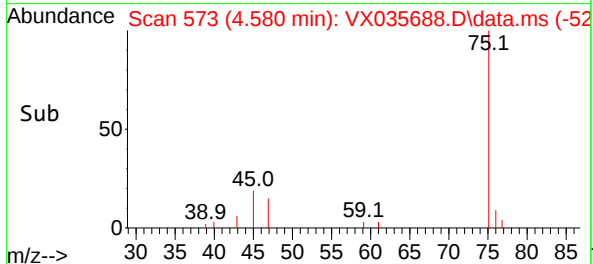
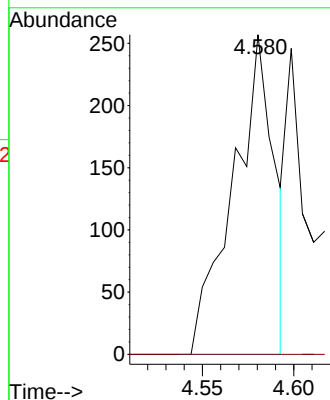
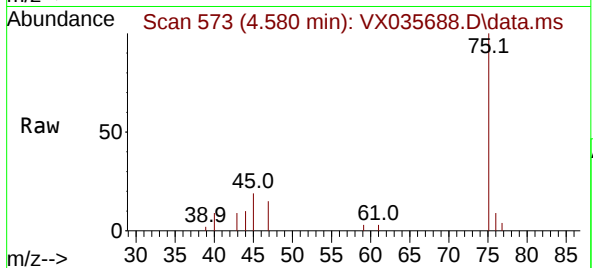
FSND-DUP-01-05032023DL

Tgt Ion: 43 Resp: 401

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#31

Cyclohexane

Concen: 1.226 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

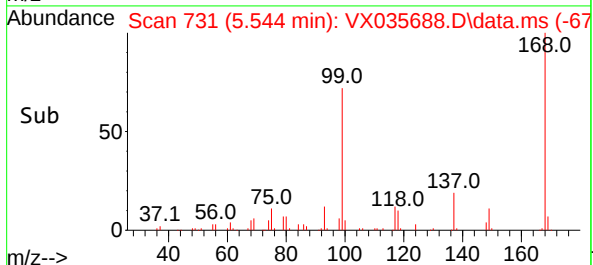
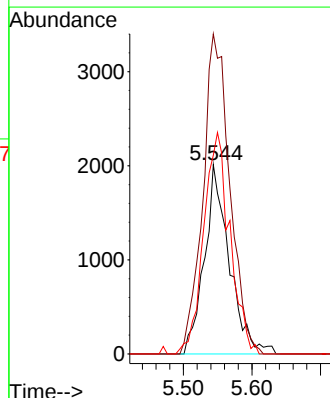
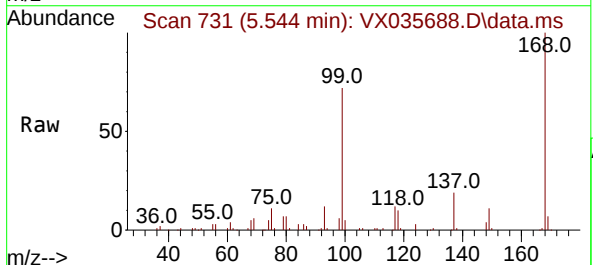
Tgt Ion: 56 Resp: 5079

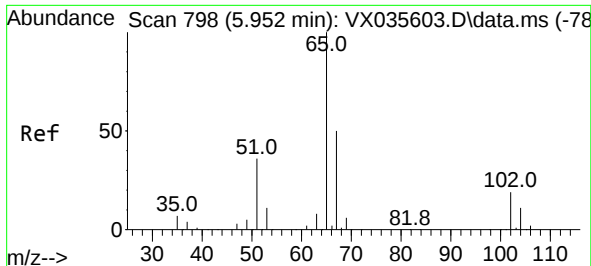
Ion Ratio Lower Upper

56 100

69 169.1 23.7 35.5#

84 105.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.314 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

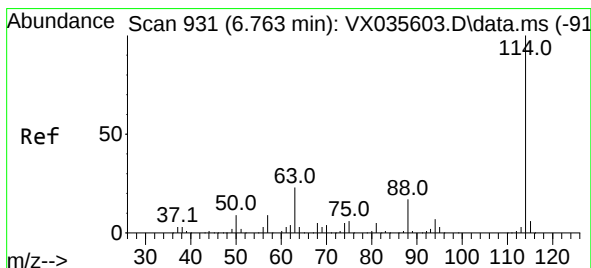
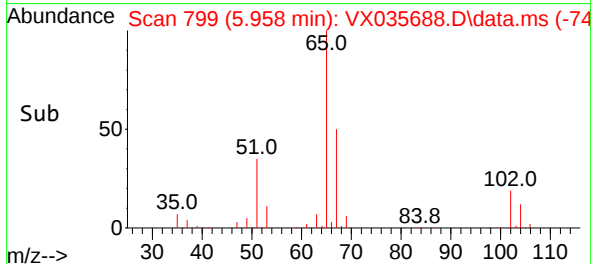
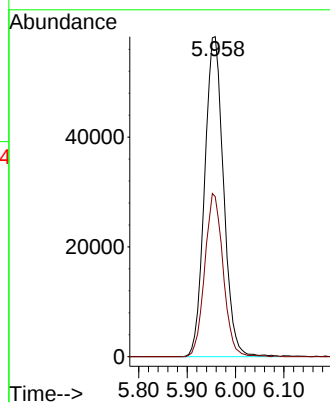
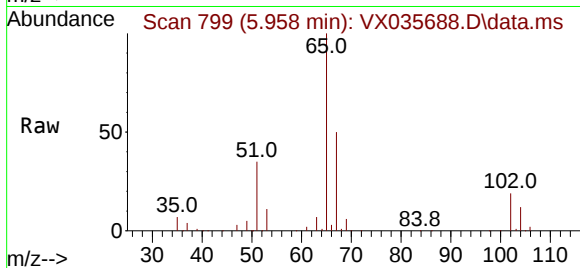
FSND-DUP-01-05032023DL

Tgt Ion: 65 Resp: 158465

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: VX035688.D

Acq: 16 May 2023 14:06

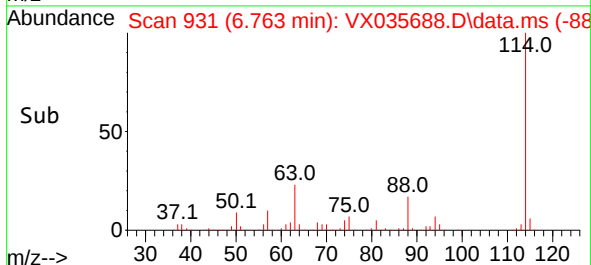
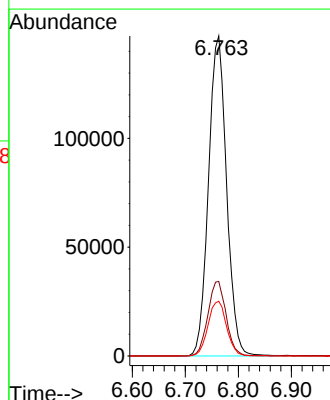
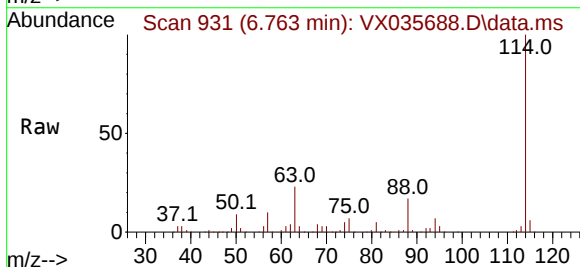
Tgt Ion: 114 Resp: 348412

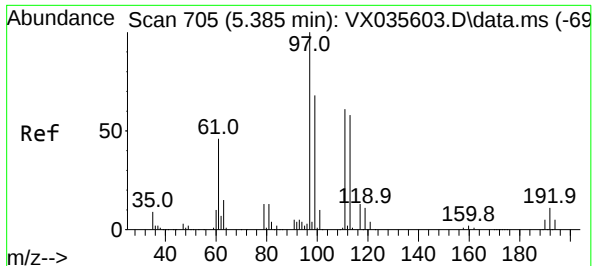
Ion Ratio Lower Upper

114 100

63 23.3 0.0 42.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.185 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035688.D

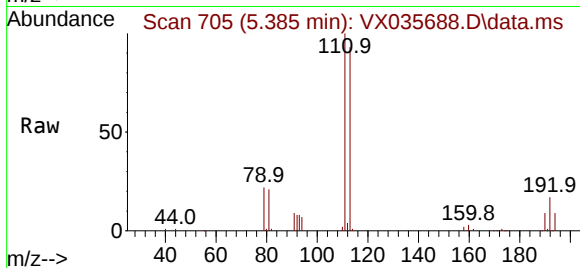
Acq: 16 May 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023DL



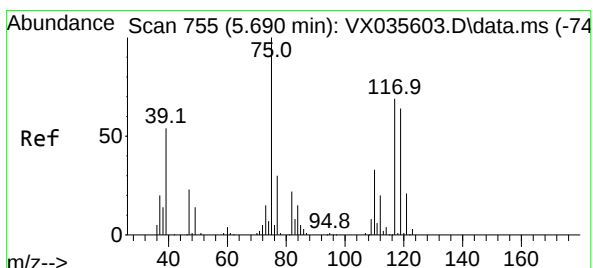
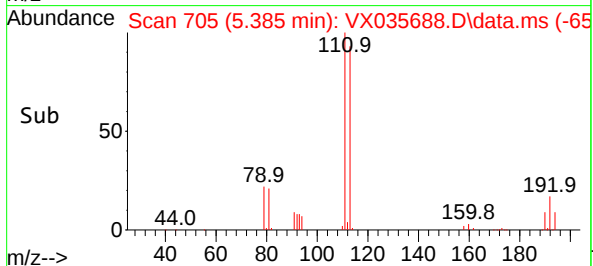
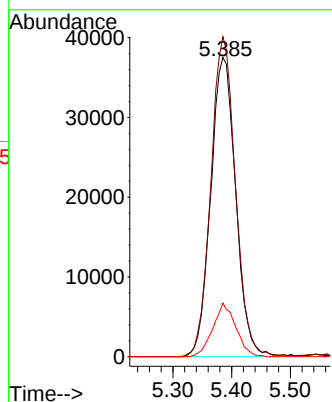
Tgt Ion:113 Resp: 110869

Ion Ratio Lower Upper

113 100

111 105.0 83.7 125.5

192 16.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

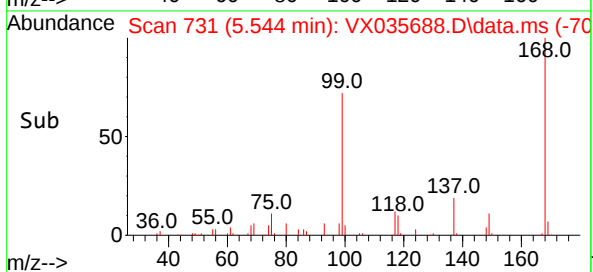
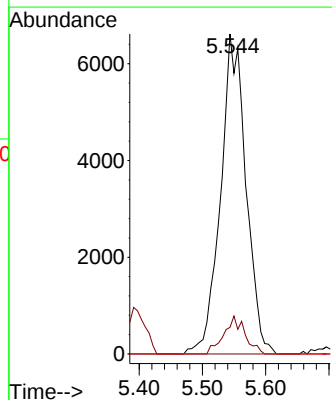
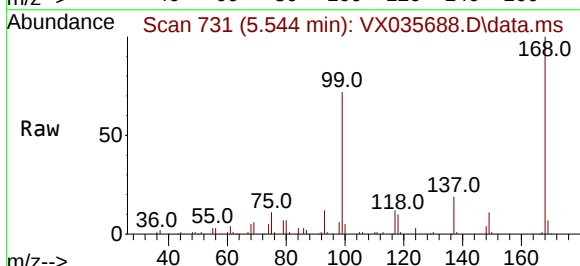
Tgt Ion: 75 Resp: 18434

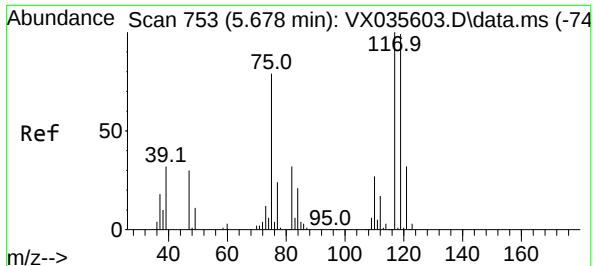
Ion Ratio Lower Upper

75 100

110 9.8 17.5 52.5#

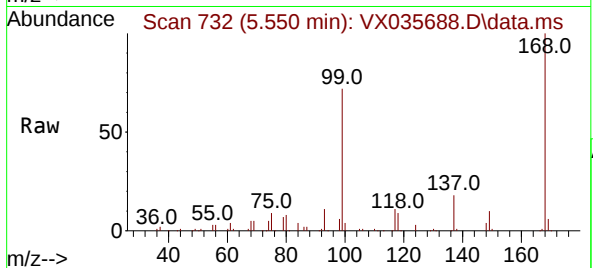
77 0.0 24.3 36.5#



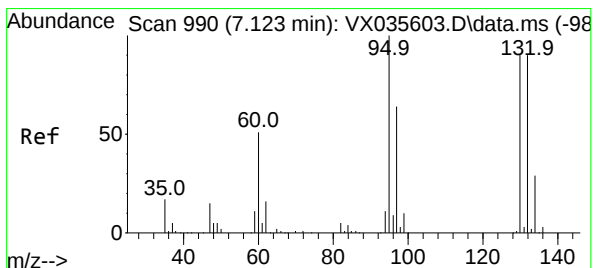
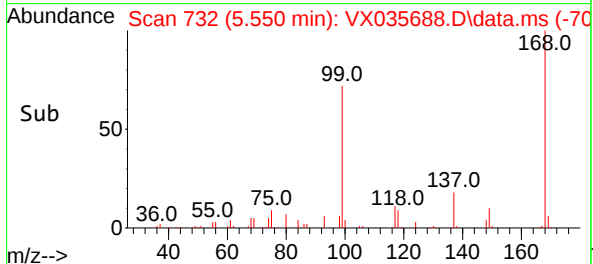
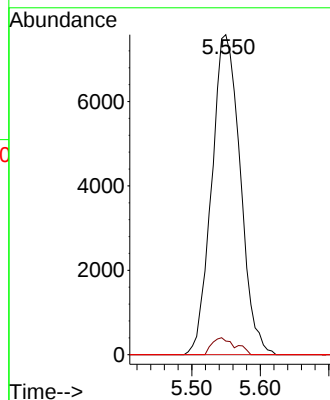


#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023DL

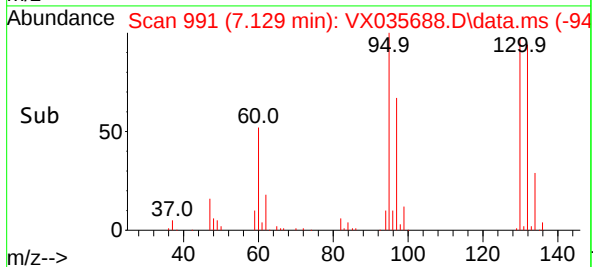
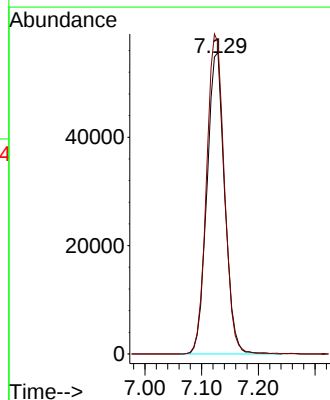
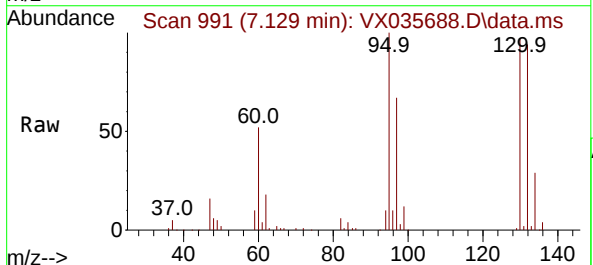


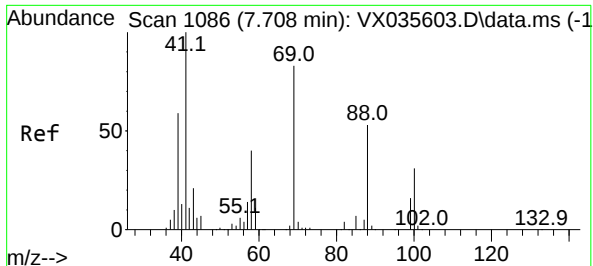
Tgt Ion:117 Resp: 21933
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 46.034 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Tgt Ion:130 Resp: 121110
Ion Ratio Lower Upper
130 100
95 103.2 0.0 198.4





#49

1,4-Dioxane

Concen: 2.299 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035688.D

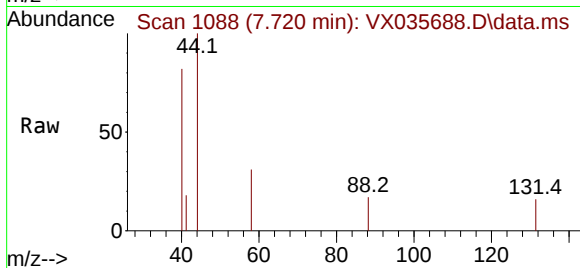
Acq: 16 May 2023 14:06

Instrument :

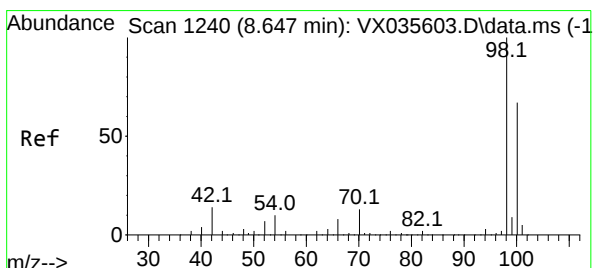
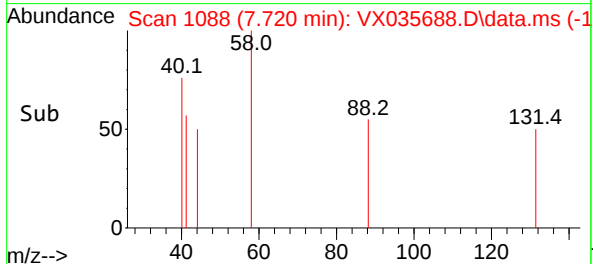
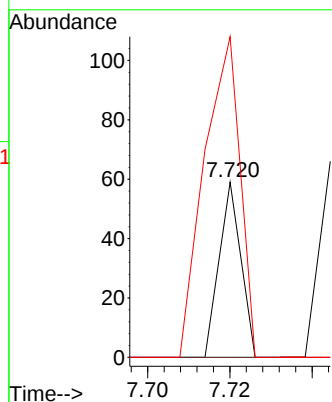
MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023DL



Tgt Ion:	88	Resp:	22
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5#
58	295.5	56.8	85.2#



#50

Toluene-d8

Concen: 48.460 ug/l

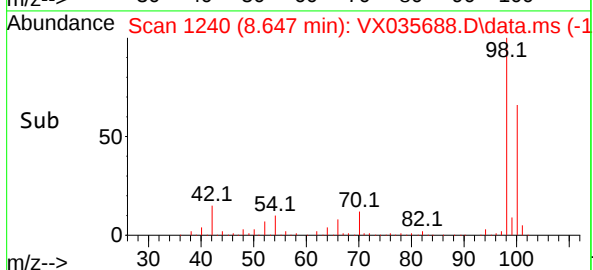
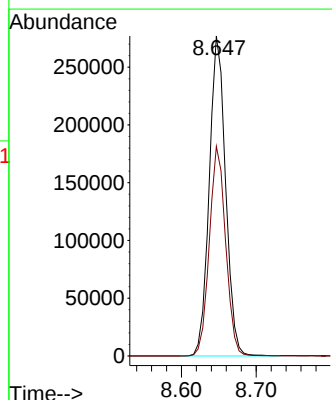
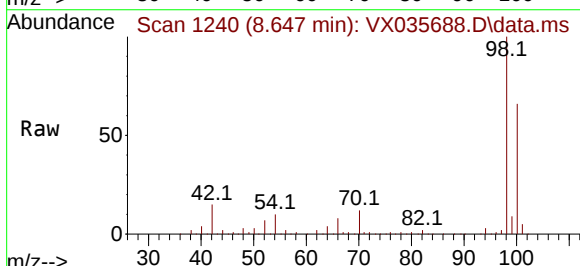
RT: 8.647 min Scan# 1240

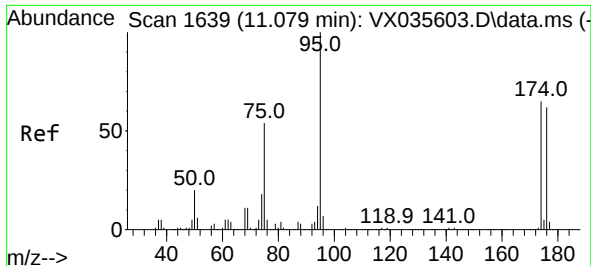
Delta R.T. -0.000 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

Tgt Ion:	98	Resp:	420651
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7

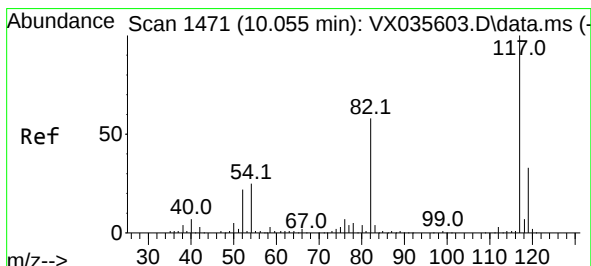
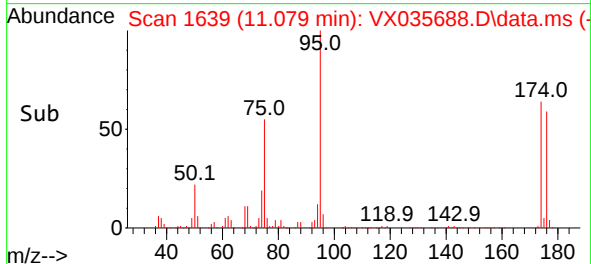
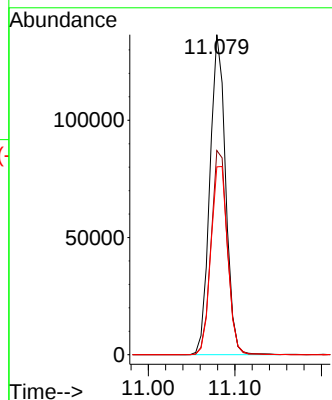
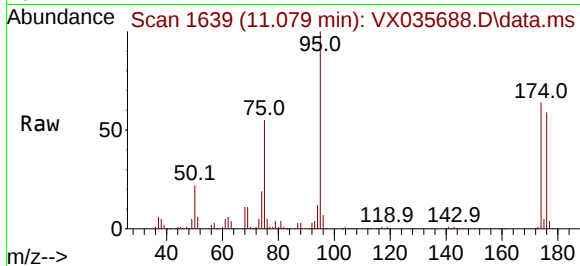




#62
4-Bromofluorobenzene
Concen: 49.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

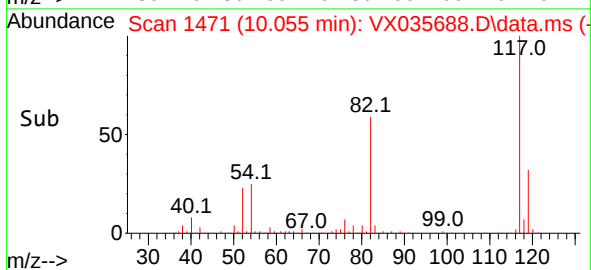
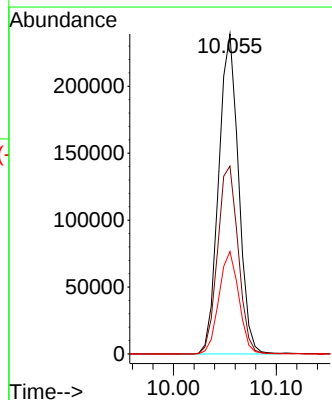
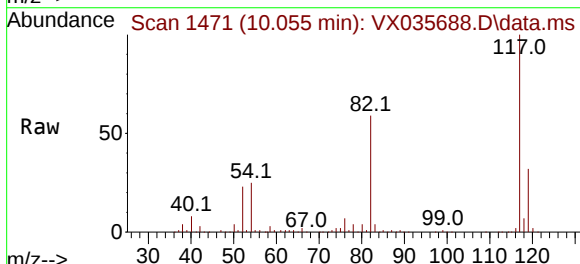
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023DL

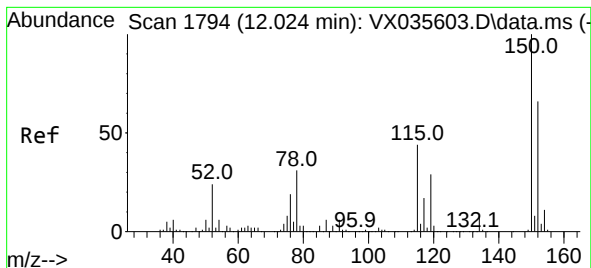
Tgt Ion: 95 Resp: 172112
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 63.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035688.D
Acq: 16 May 2023 14:06

Tgt Ion: 117 Resp: 320616
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 32.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035688.D

Acq: 16 May 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023DL

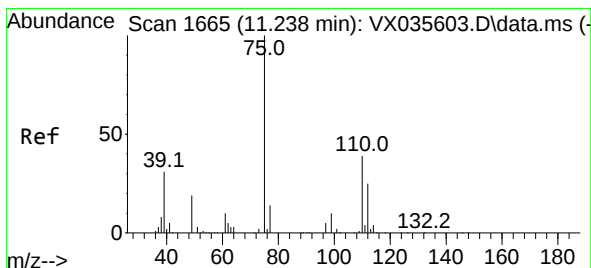
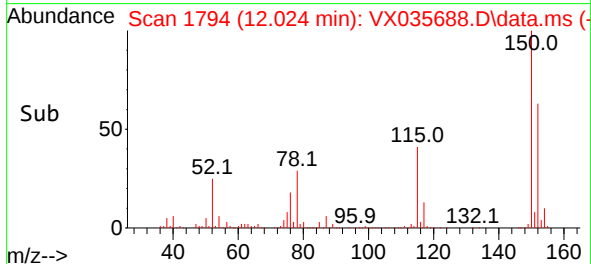
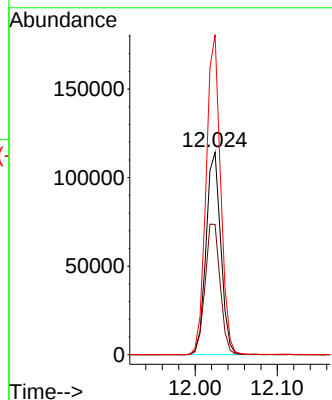
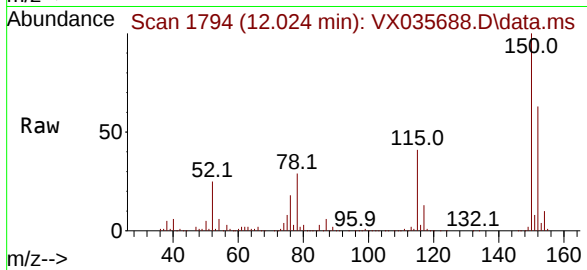
Tgt Ion:152 Resp: 141752

Ion Ratio Lower Upper

152 100

115 66.5 45.0 135.0

150 155.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.418 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035688.D

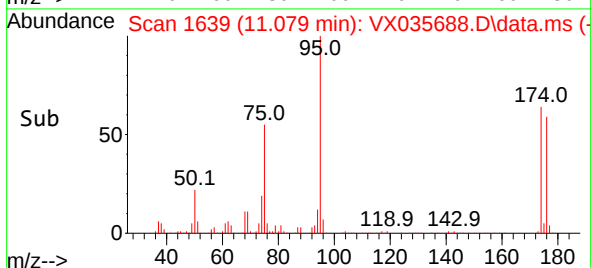
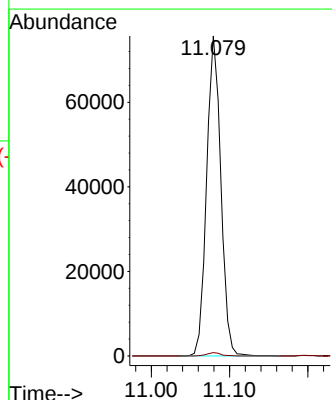
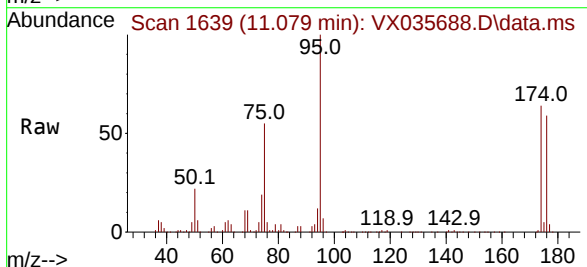
Acq: 16 May 2023 14:06

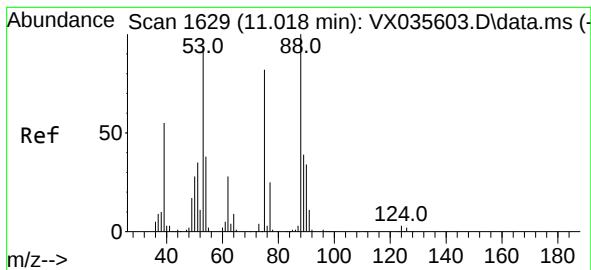
Tgt Ion: 75 Resp: 95065

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.363 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035688.D
 Acq: 16 May 2023 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-DUP-01-05032023DL

Tgt Ion: 75 Resp: 95065
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

