

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035831.D
 Acq On : 24 May 2023 13:15
 Operator : JC/MD
 Sample : 02860-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-DUP-03-05162023

Quant Time: May 25 05:30:26 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)

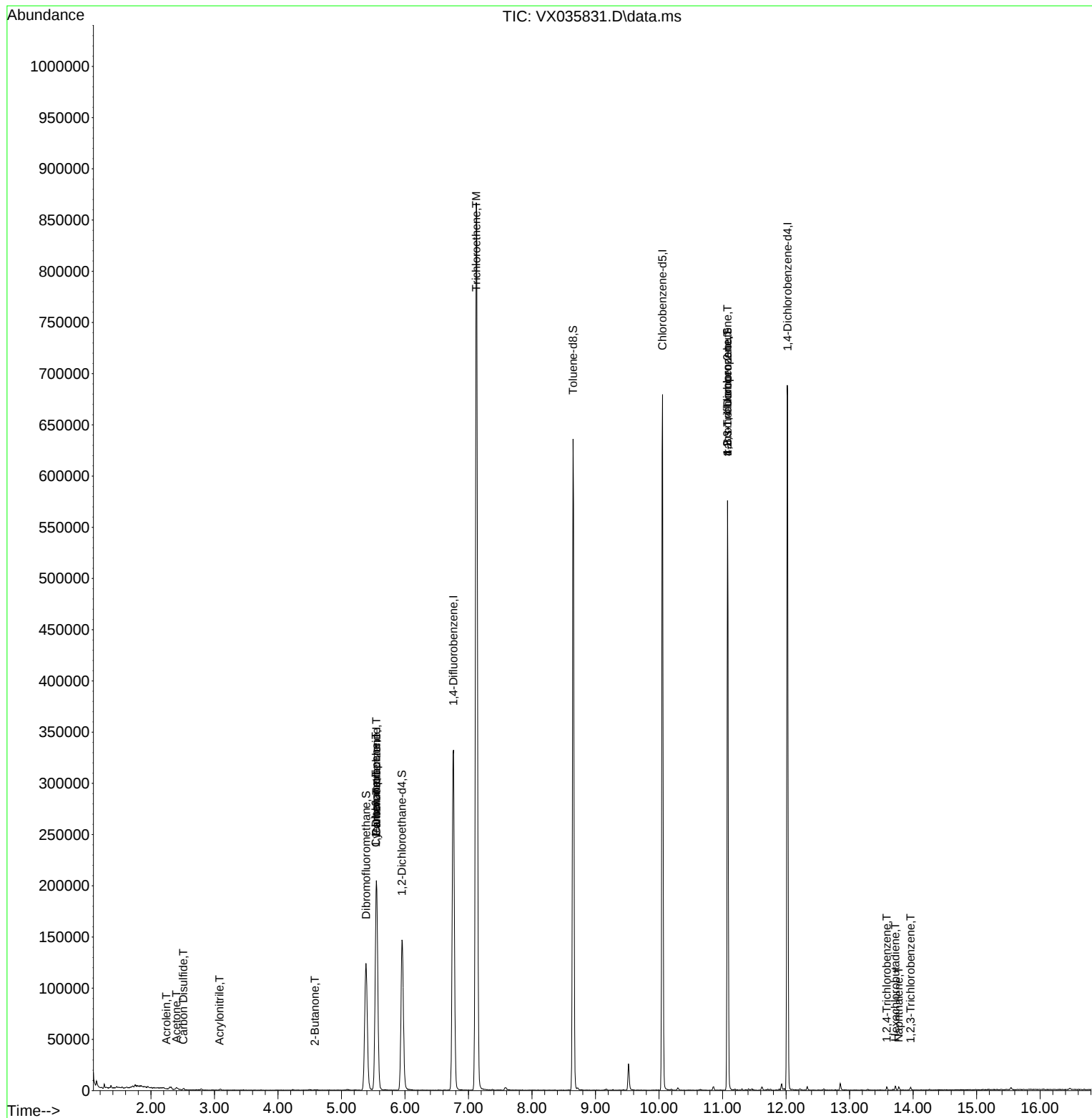
Internal Standards						
1) Pentafluorobenzene	5.549	168	188439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140335	42.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.380%
35) Dibromofluoromethane	5.385	113	107337	47.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.646	98	364531	43.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.880%#
62) 4-Bromofluorobenzene	11.079	95	145636	43.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.200%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	321	0.466	ug/l	87
15) Acrylonitrile	3.080	53	298	0.233	ug/l #	89
16) Acetone	2.398	43	3127	2.213	ug/l	93
17) Carbon Disulfide	2.507	76	1706	0.337	ug/l	98
25) 2-Butanone	4.580	43	415	0.212	ug/l #	51
31) Cyclohexane	5.543	56	4352	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	15950	4.500	ug/l #	51
38) Carbon Tetrachloride	5.549	117	19802	5.897	ug/l #	16
44) Trichloroethene	7.122	130	327351	130.187	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	77699	22.713	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	77699	73.201	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	751	0.251	ug/l	84
94) Hexachlorobutadiene	13.719	225	720	0.605	ug/l	85
95) Naphthalene	13.774	128	2245	0.219	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	700	0.238	ug/l	92

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

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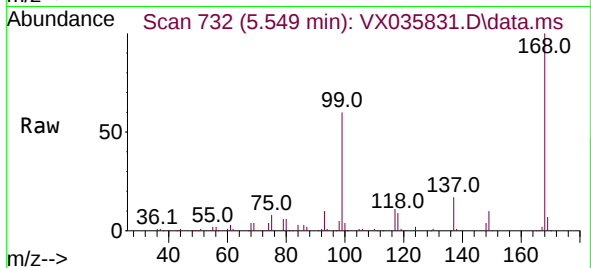
Quant Time: May 25 05:30:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



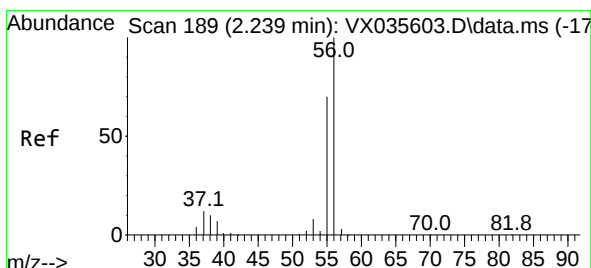
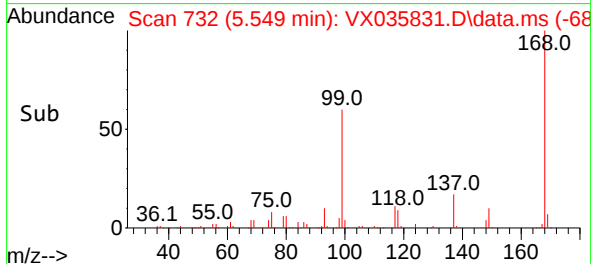
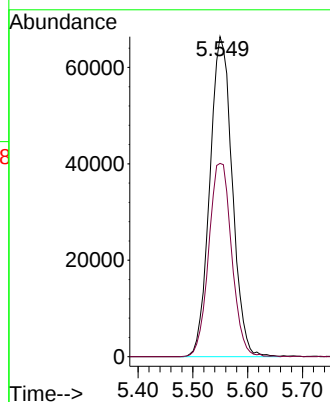


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

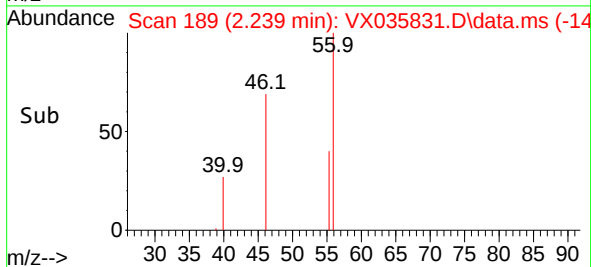
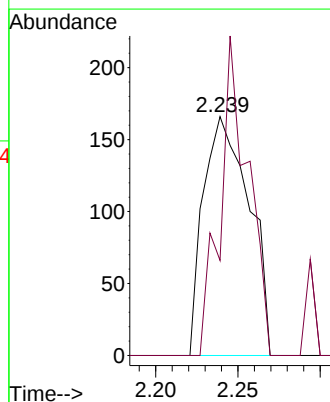
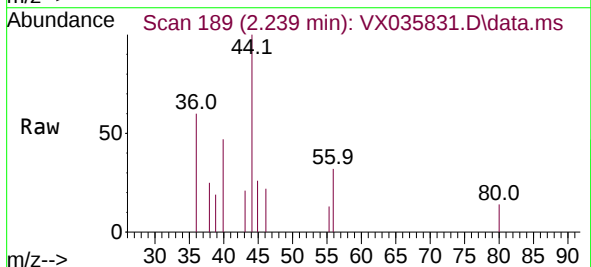


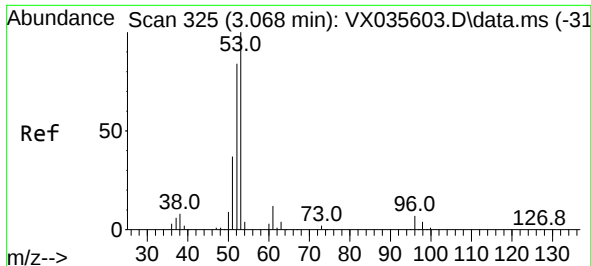
Tgt Ion:168 Resp: 188439
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#13
Acrolein
Concen: 0.466 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
55 81.6 56.6 85.0





#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.080 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX035831.D

Acq: 24 May 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-03-05162023

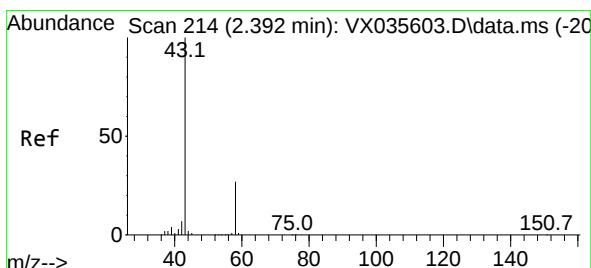
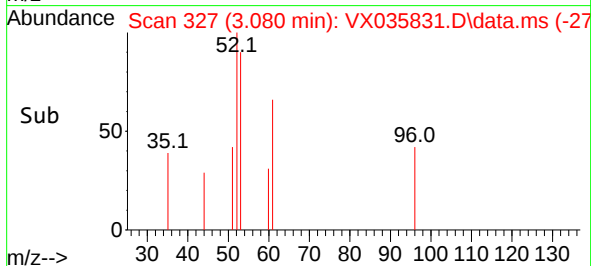
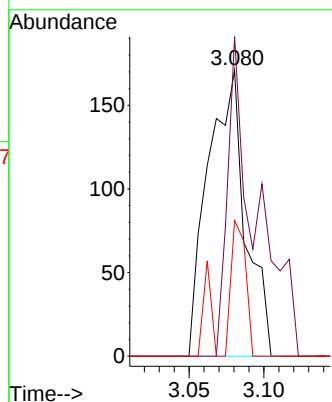
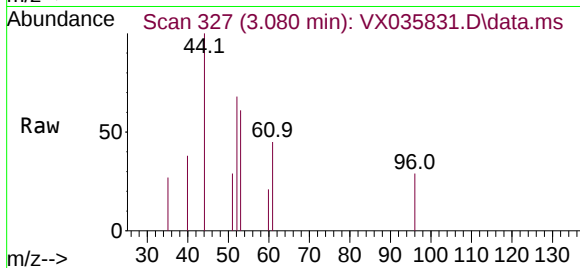
Tgt Ion: 53 Resp: 298

Ion Ratio Lower Upper

53 100

52 85.6 66.2 99.2

51 18.5 28.3 42.5#



#16

Acetone

Concen: 2.213 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX035831.D

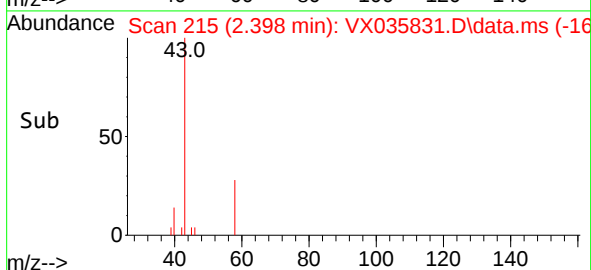
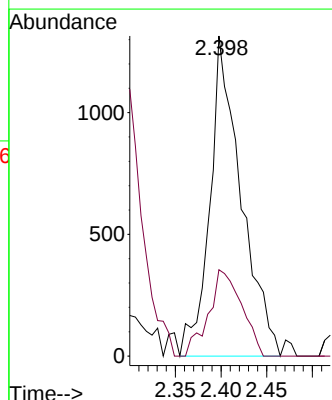
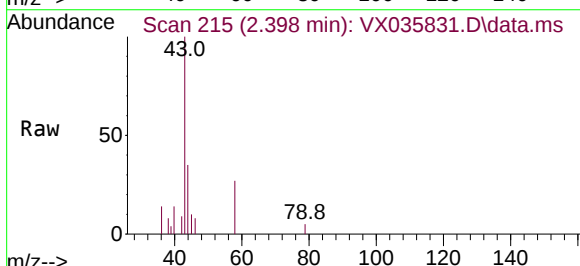
Acq: 24 May 2023 13:15

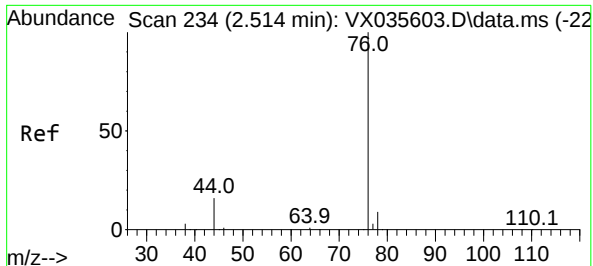
Tgt Ion: 43 Resp: 3127

Ion Ratio Lower Upper

43 100

58 27.0 24.7 37.1

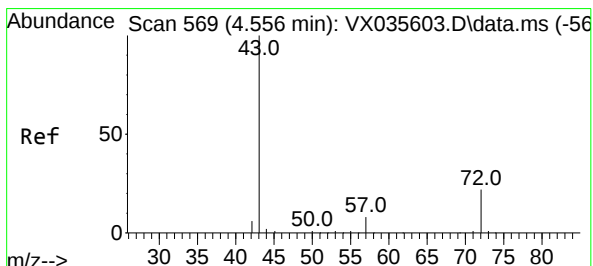
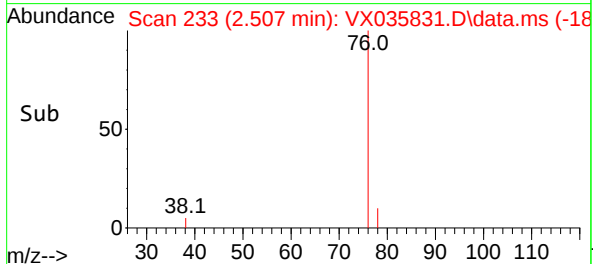
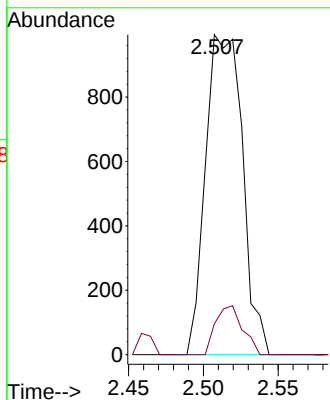
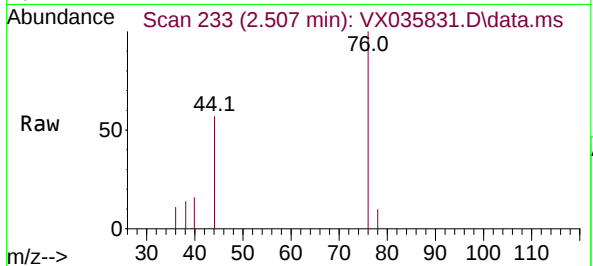




#17
Carbon Disulfide
Concen: 0.337 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

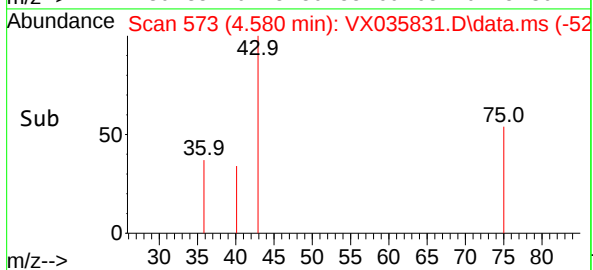
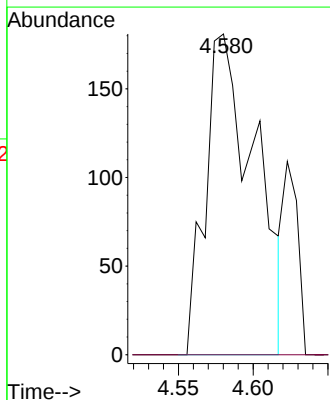
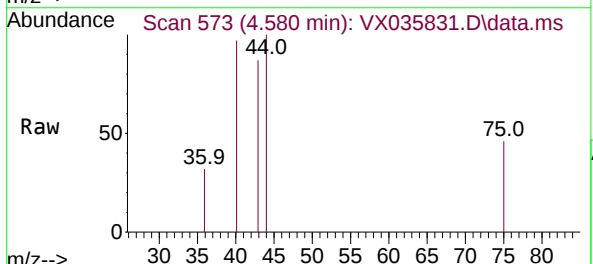
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

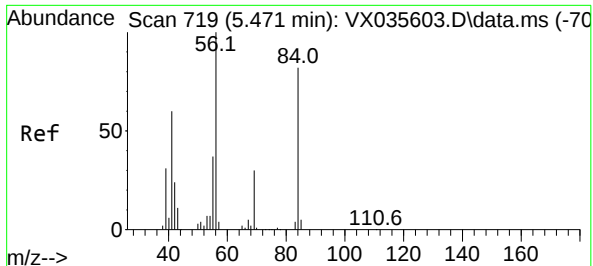
Tgt Ion: 76 Resp: 1706
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#25
2-Butanone
Concen: 0.212 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

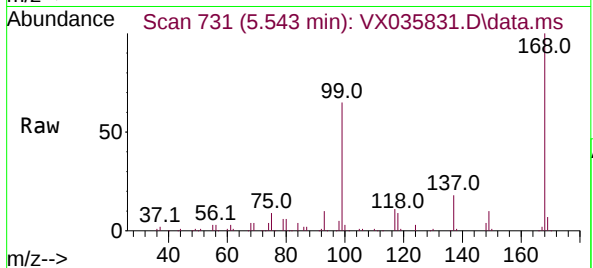
Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





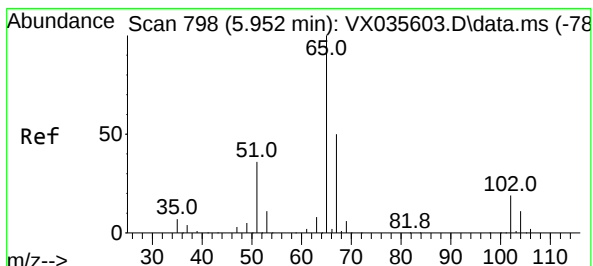
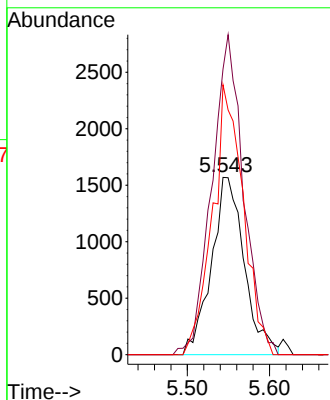
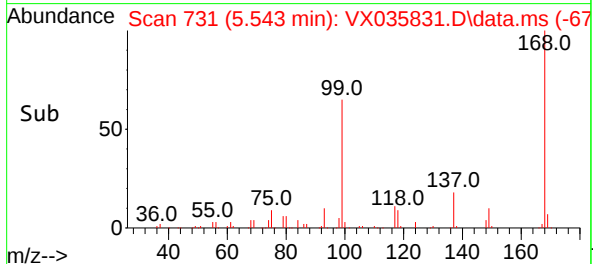
#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

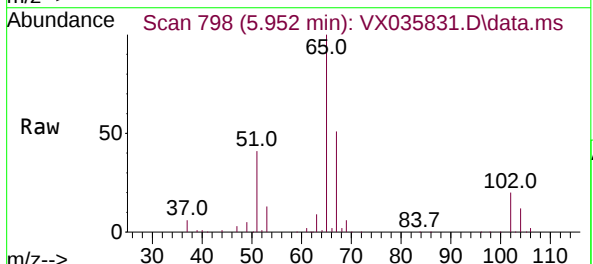


Tgt Ion: 56 Resp: 4352

Ion	Ratio	Lower	Upper
56	100		
69	161.0	23.7	35.5#
84	152.2	68.5	102.7#

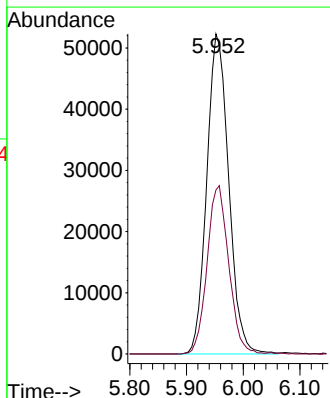
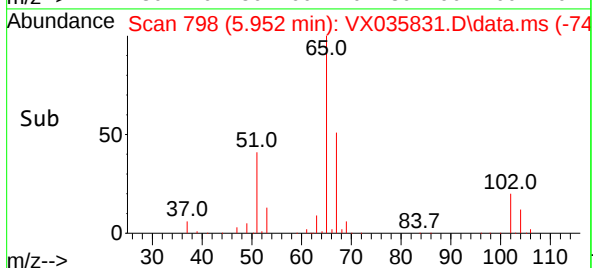


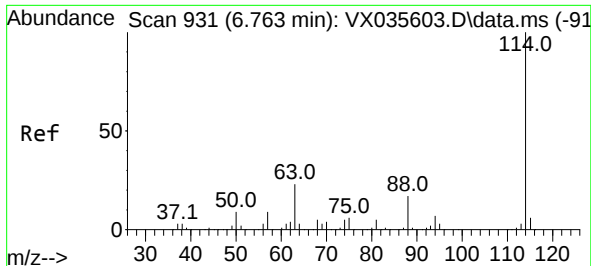
#33
1,2-Dichloroethane-d4
Concen: 42.689 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15



Tgt Ion: 65 Resp: 140335

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

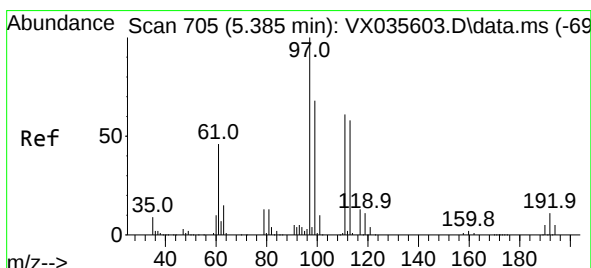
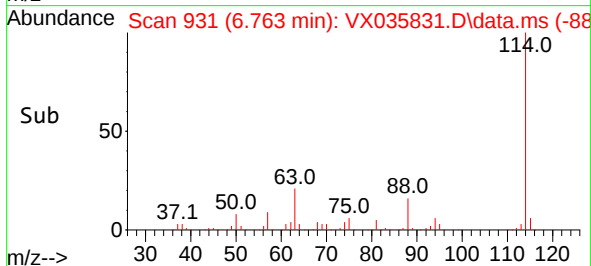
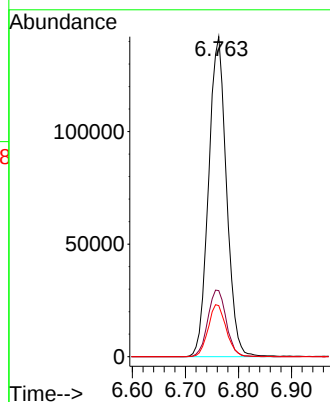
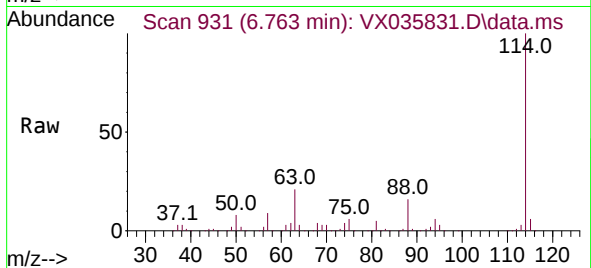




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

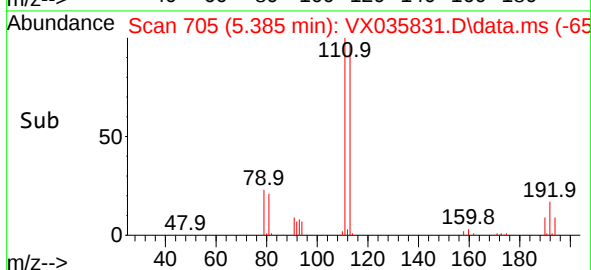
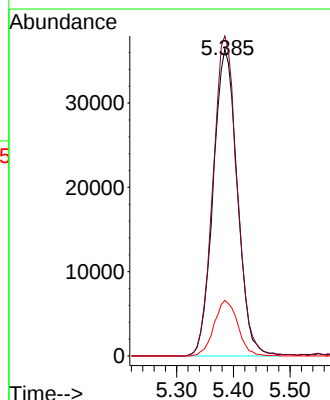
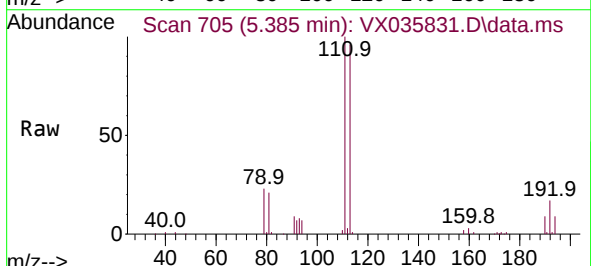
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

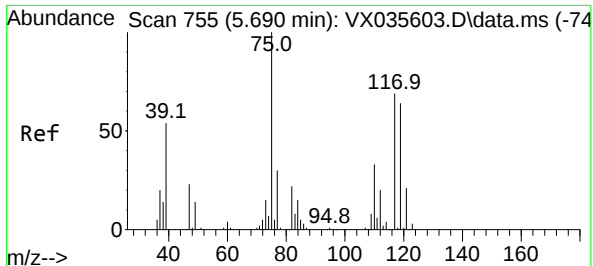
Tgt Ion:114 Resp: 332997
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

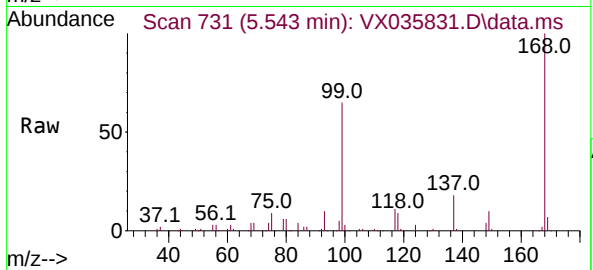
Tgt Ion:113 Resp: 107337
Ion Ratio Lower Upper
113 100
111 104.5 83.7 125.5
192 17.8 15.4 23.2



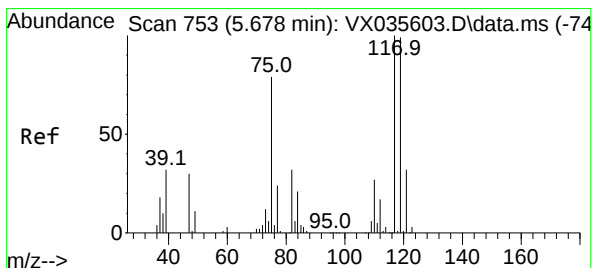
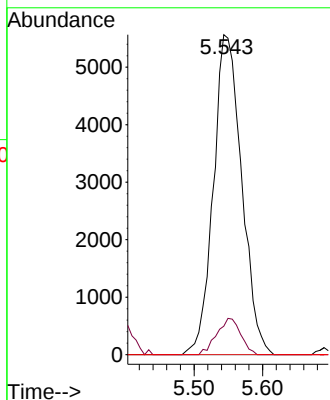
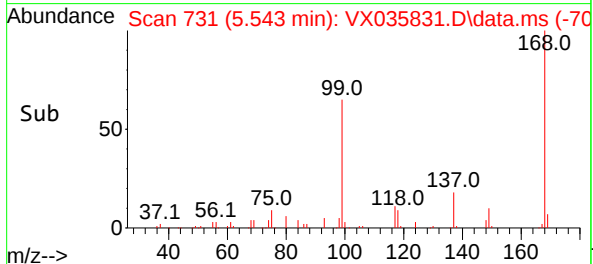


#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

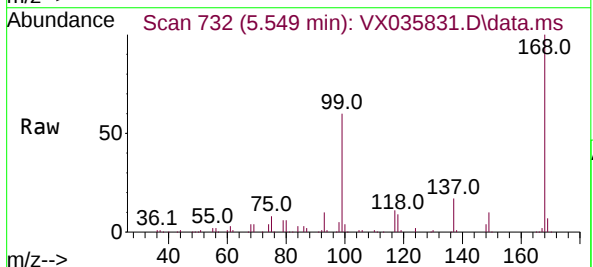
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MSVOA_X
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FSND-DUP-03-05162023



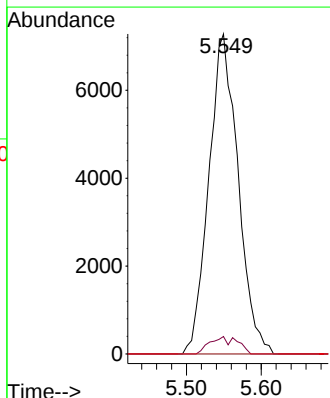
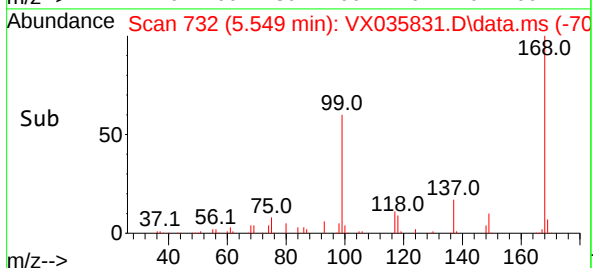
Tgt Ion: 75 Resp: 15950
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#

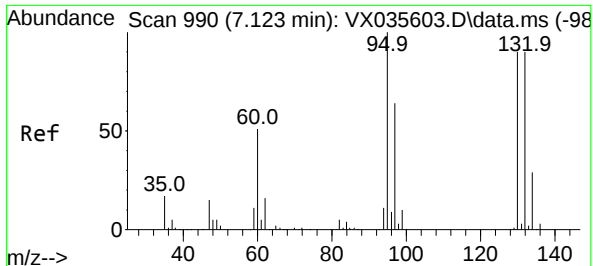


#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15



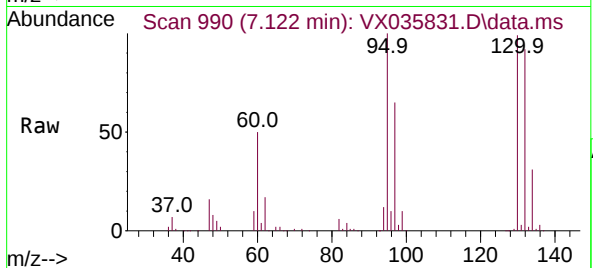
Tgt Ion: 117 Resp: 19802
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#



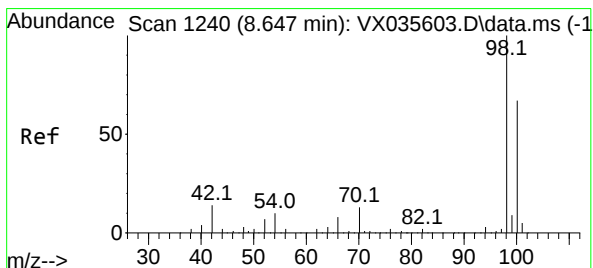
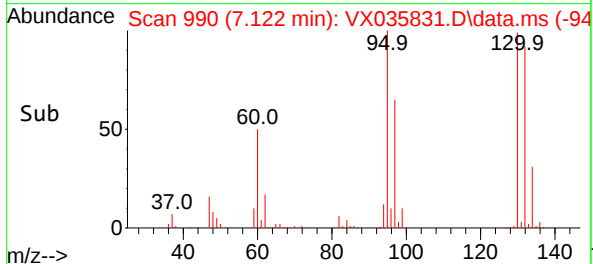
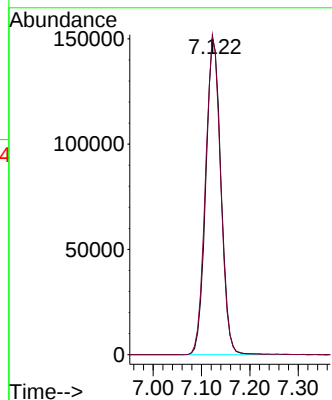


#44
Trichloroethene
Concen: 130.187 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

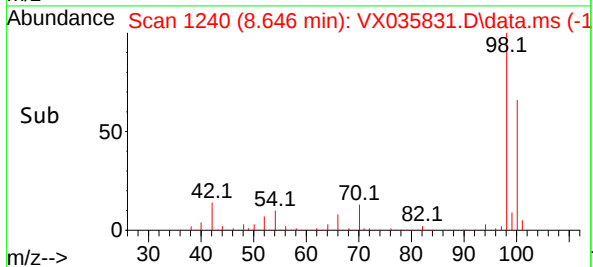
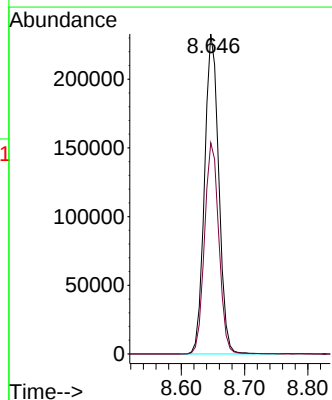
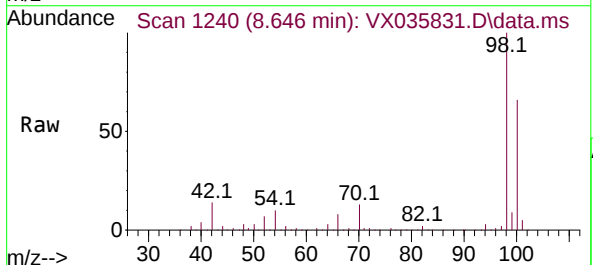


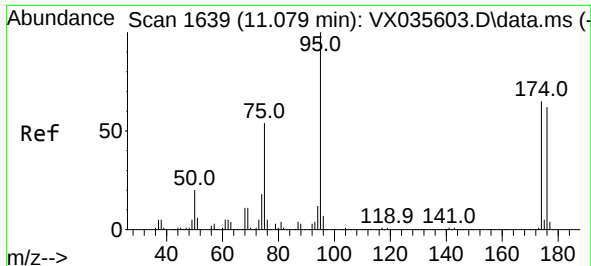
Tgt Ion:130 Resp: 327351
Ion Ratio Lower Upper
130 100
95 101.0 0.0 198.4



#50
Toluene-d8
Concen: 43.939 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion: 98 Resp: 364531
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

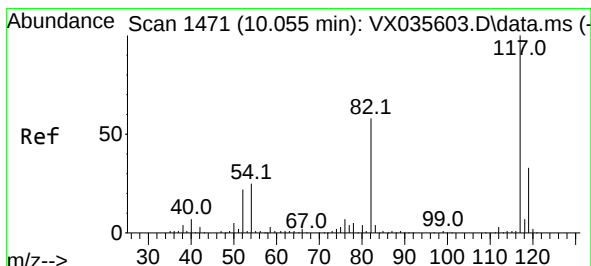
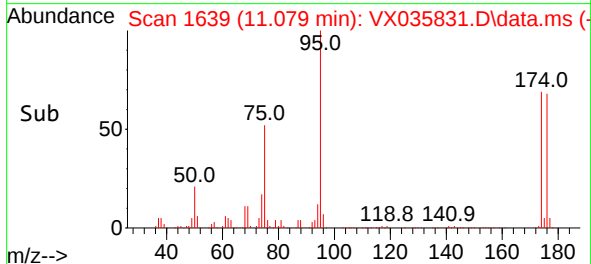
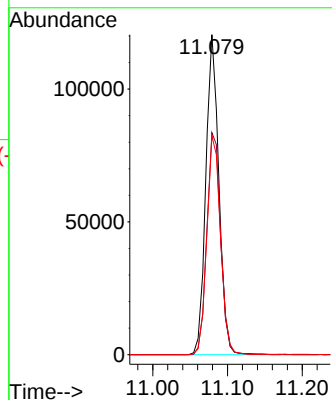
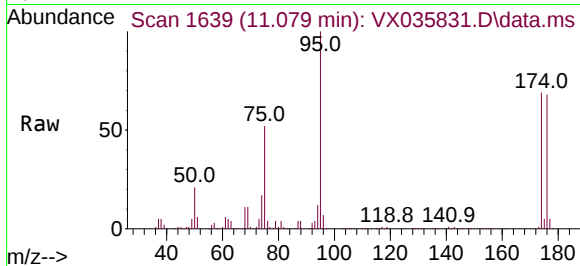




#62
4-Bromofluorobenzene
Concen: 43.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

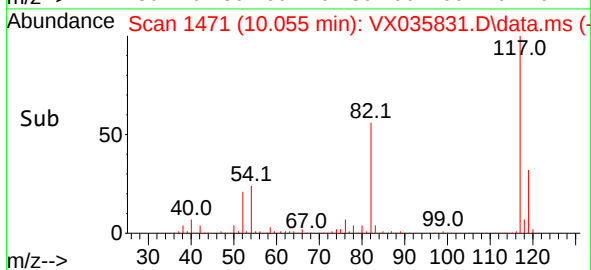
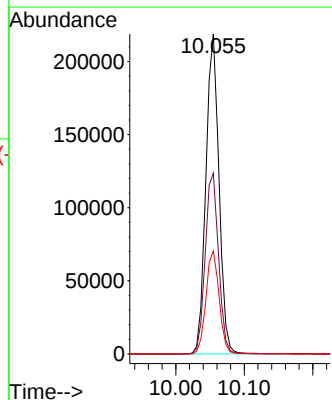
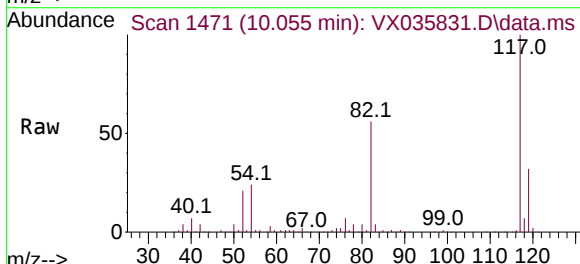
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

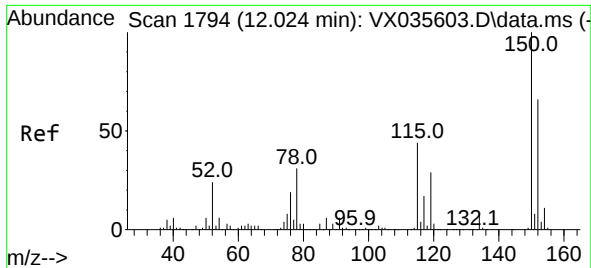
Tgt Ion: 95 Resp: 145636
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion: 117 Resp: 291235
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.2 26.0 39.0

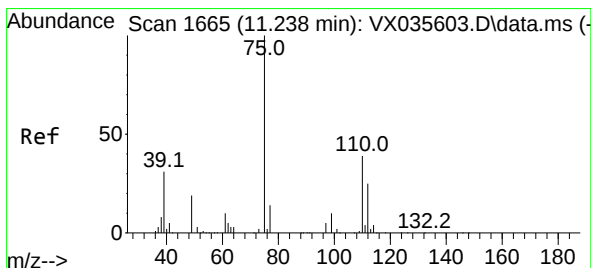
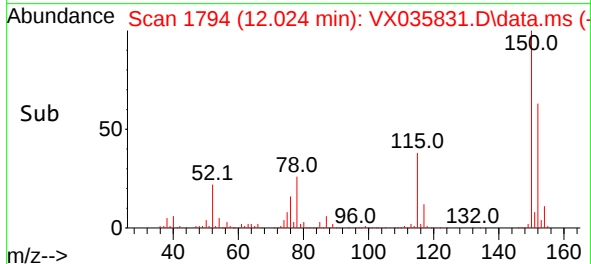
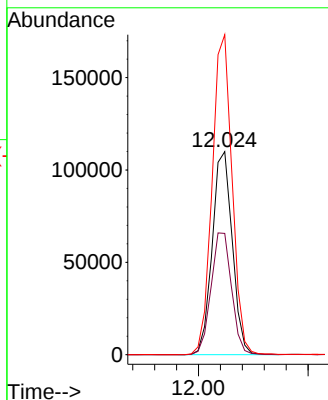
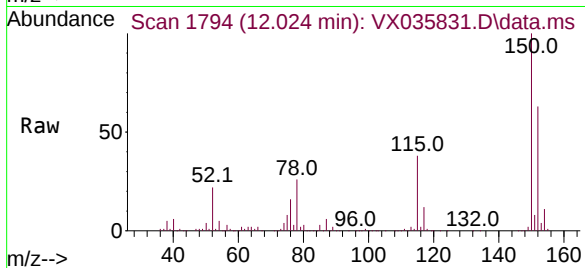




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

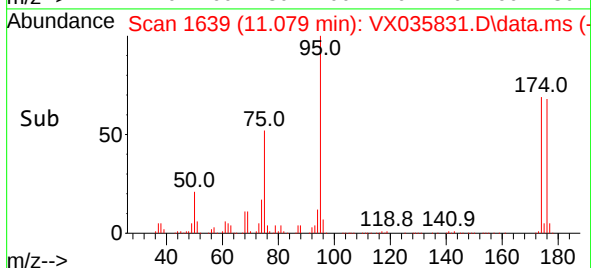
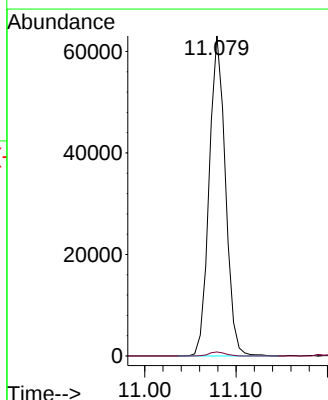
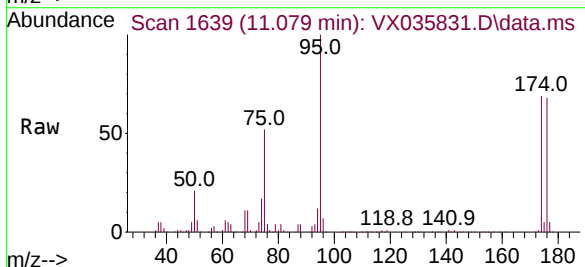
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

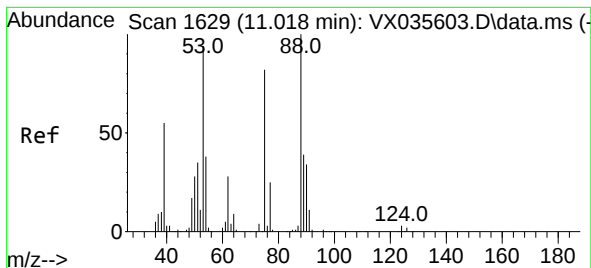
Tgt Ion:152 Resp: 139855
Ion Ratio Lower Upper
152 100
115 61.3 45.0 135.0
150 156.4 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 22.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion: 75 Resp: 77699
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#

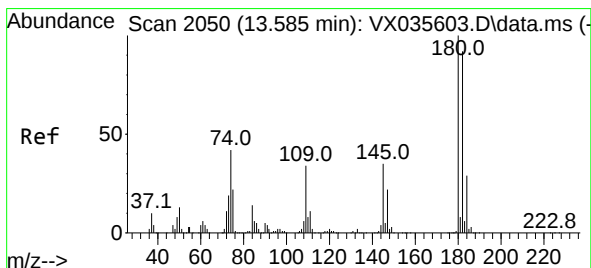
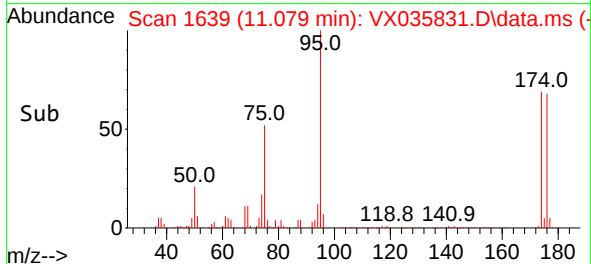
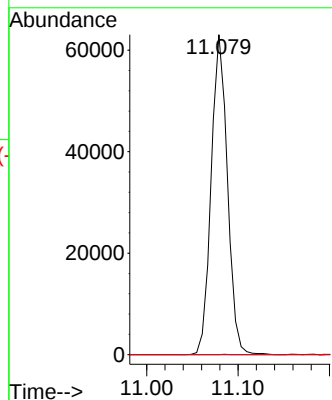
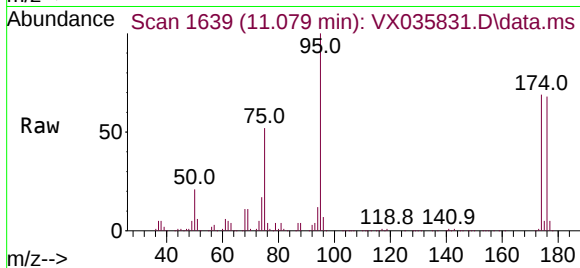




#81
trans-1,4-Dichloro-2-butene
Concen: 73.201 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

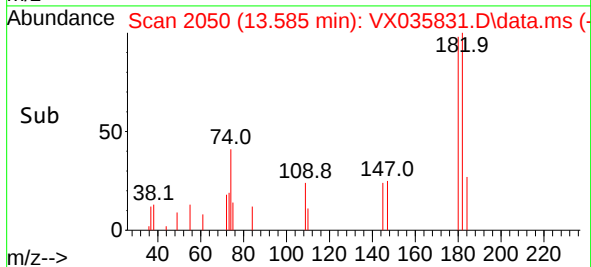
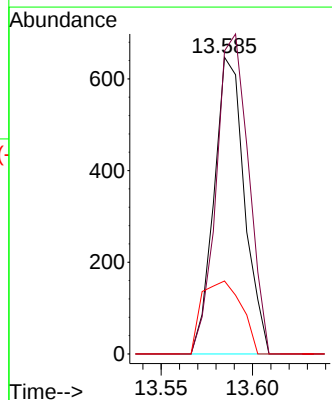
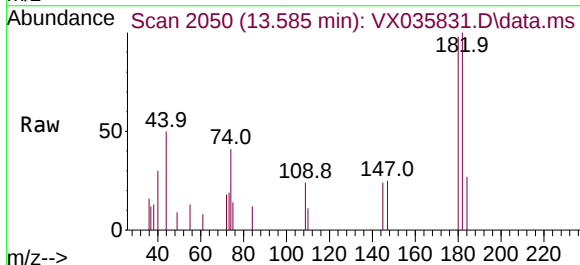
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

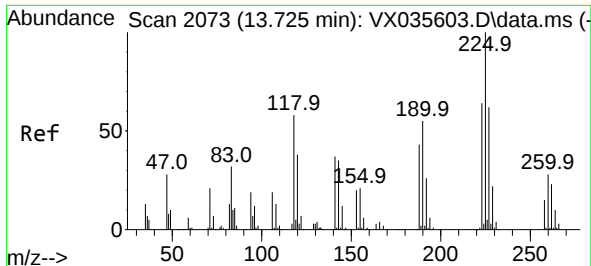
Tgt Ion: 75 Resp: 77699
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion:180 Resp: 751
Ion Ratio Lower Upper
180 100
182 114.1 47.0 141.0
145 32.0 15.9 47.7

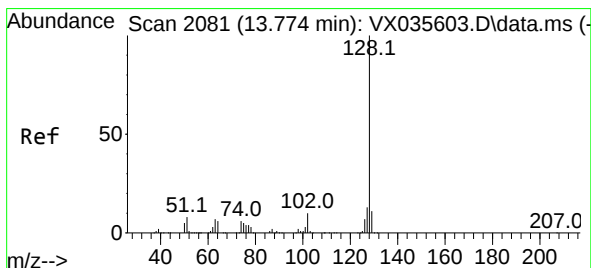
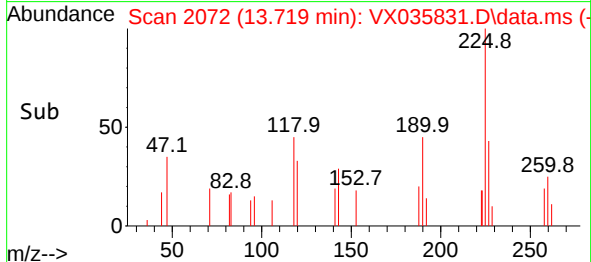
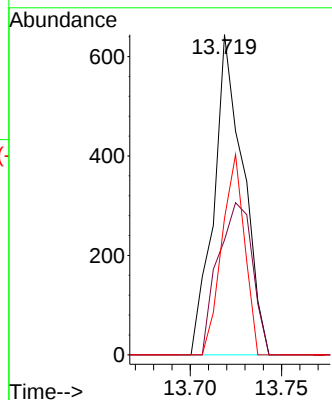
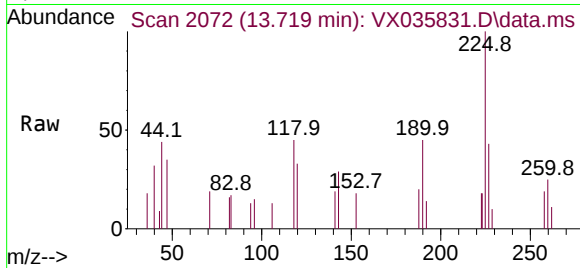




#94
Hexachlorobutadiene
Concen: 0.605 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

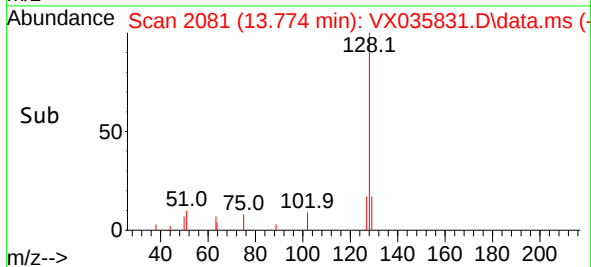
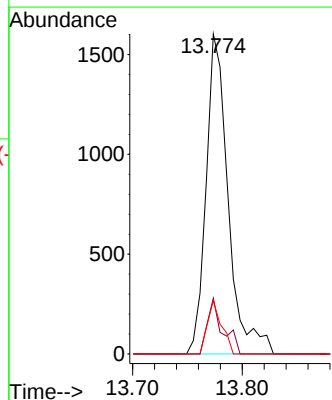
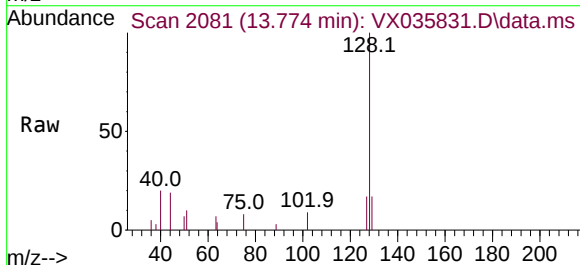
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-03-05162023

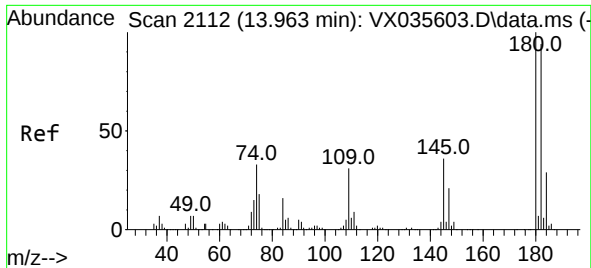
Tgt Ion:	225	Resp:	720
Ion	Ratio	Lower	Upper
225	100		
223	55.6	32.1	96.5
227	48.3	31.8	95.4



#95
Naphthalene
Concen: 0.219 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035831.D
Acq: 24 May 2023 13:15

Tgt Ion:	128	Resp:	2245
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	10.7	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.238 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035831.D

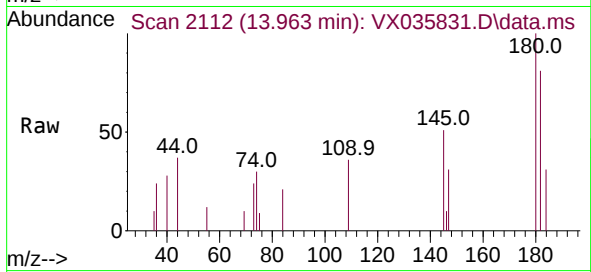
Acq: 24 May 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-03-05162023



Tgt Ion:180 Resp: 700

Ion Ratio Lower Upper

180 100

182 106.1 48.0 144.2

145 33.3 17.7 53.1

