

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035786.D
 Acq On : 22 May 2023 15:48
 Operator : JC/MD
 Sample : 02860-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-09-05122023

Quant Time: May 23 06:13:01 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)

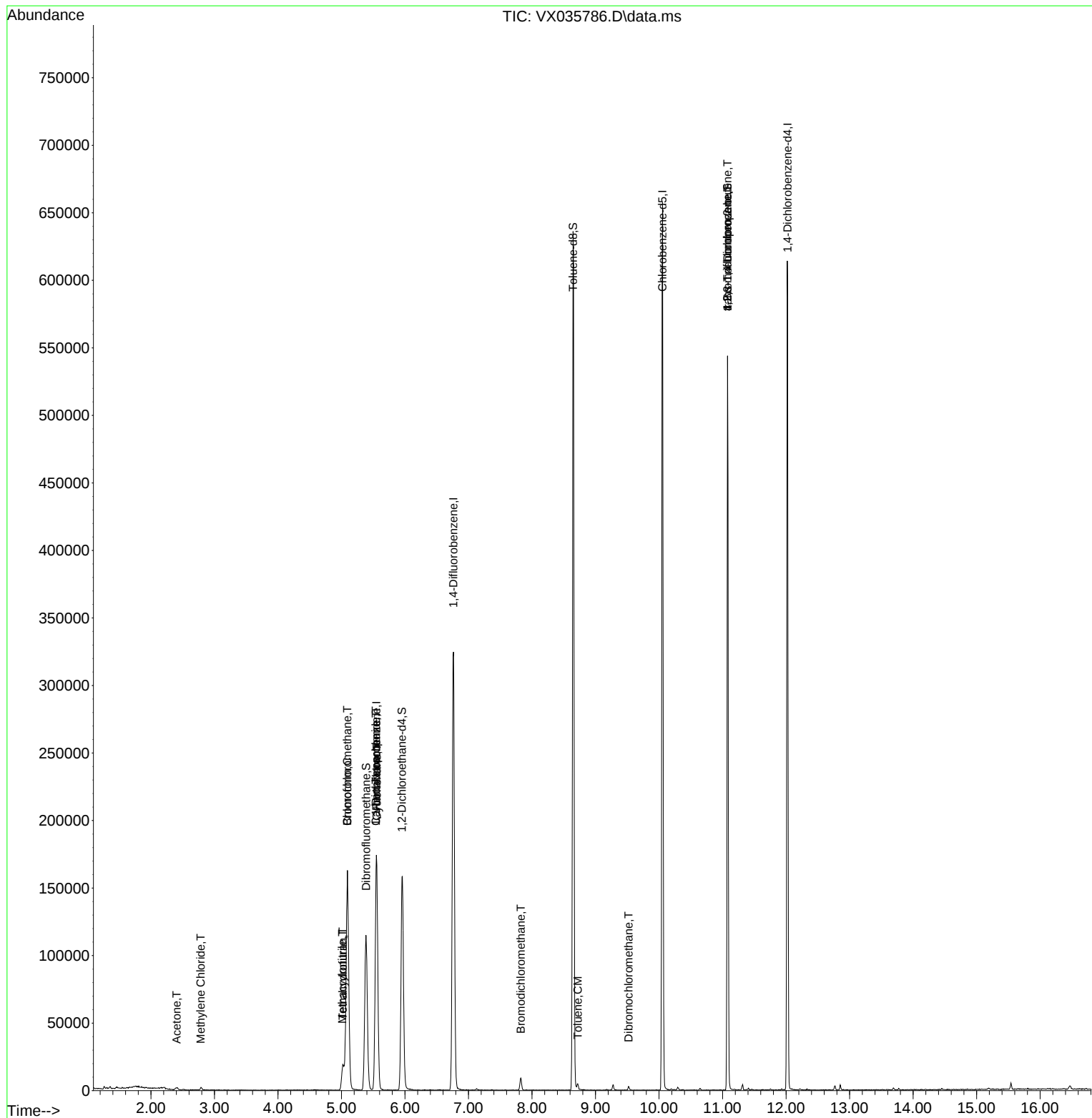
Internal Standards						
1) Pentafluorobenzene	5.550	168	158372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162211	58.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.420%#
35) Dibromofluoromethane	5.385	113	99080	46.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	362970	46.577	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.160%
62) 4-Bromofluorobenzene	11.079	95	139794	44.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
						Qvalue
16) Acetone	2.404	43	2964	2.496	ug/l #	83
20) Methylene Chloride	2.782	84	848	0.394	ug/l	86
28) Bromochloromethane	5.092	49	15698	8.821	ug/l #	15
29) Tetrahydrofuran	5.019	42	20199	19.550	ug/l	96
30) Chloroform	5.092	83	178109	43.931	ug/l	97
31) Cyclohexane	5.556	56	4047	1.159	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	13645	4.098	ug/l #	49
38) Carbon Tetrachloride	5.544	117	16608	5.265	ug/l #	16
41) Methacrylonitrile	5.013	41	11526	5.590	ug/l #	47
47) Bromodichloromethane	7.824	83	5791	1.774	ug/l	97
52) Toluene	8.720	92	1690	0.287	ug/l	95
60) Dibromochloromethane	9.518	129	448	0.204	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	78265	27.734	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	78265	89.383	ug/l #	8

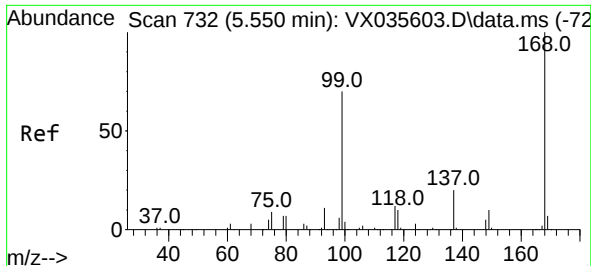
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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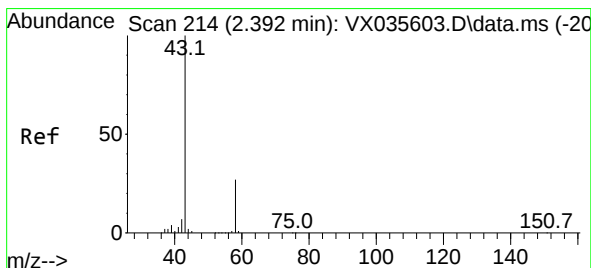
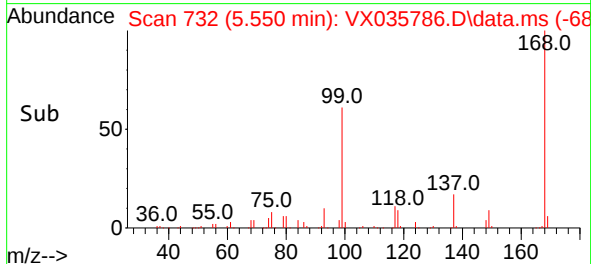
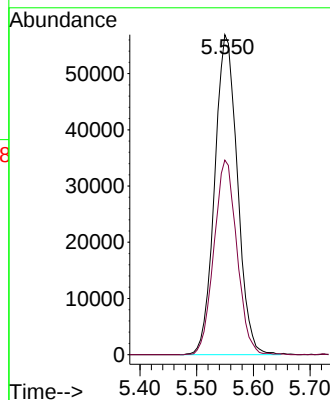
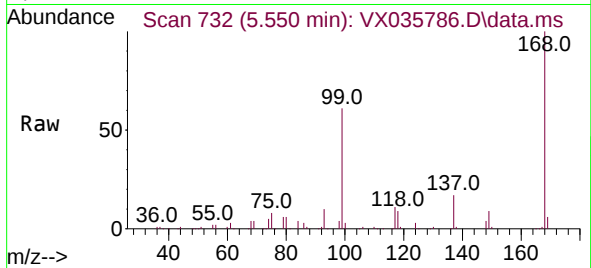




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

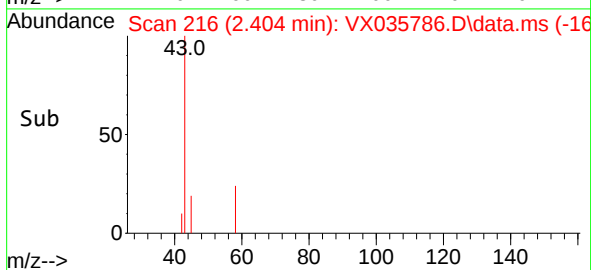
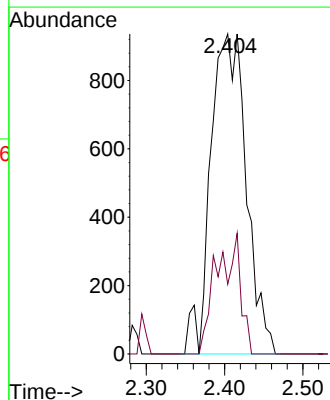
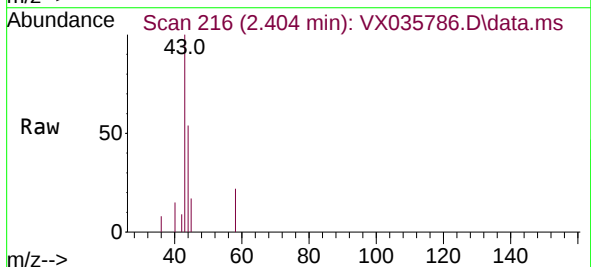
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

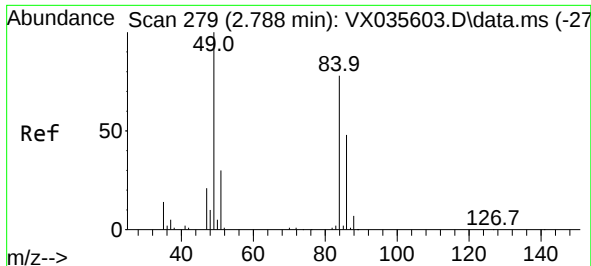
Tgt Ion:168 Resp: 158372
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#16
Acetone
Concen: 2.496 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
58 21.8 24.7 37.1#

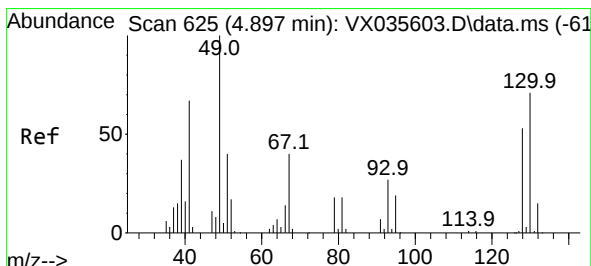
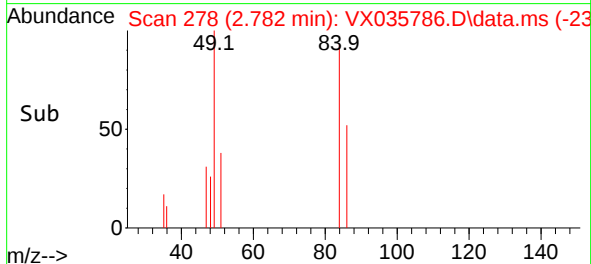
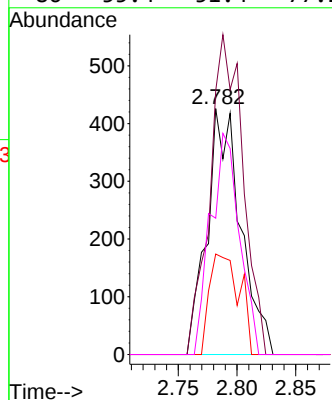
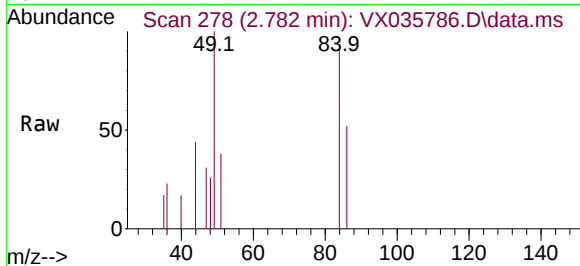




#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

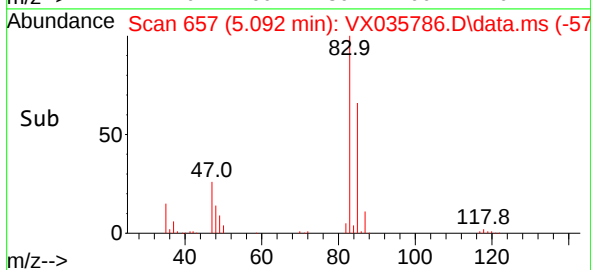
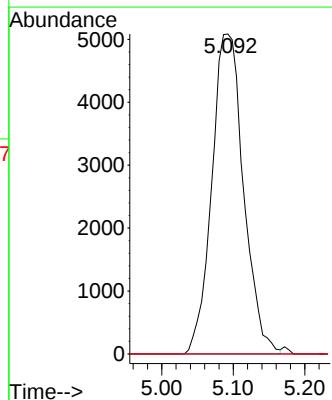
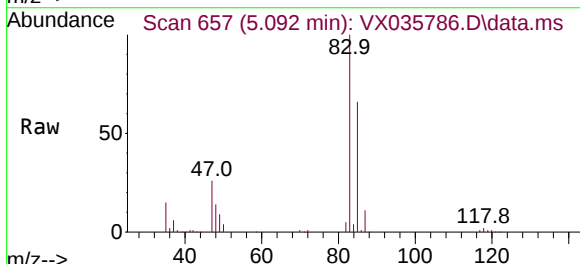
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

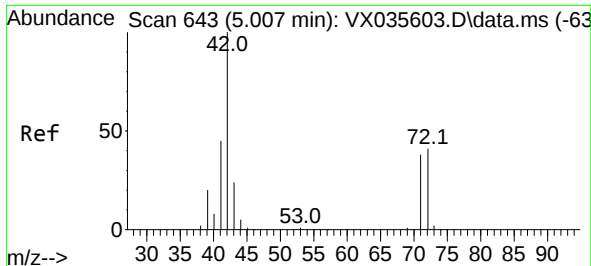
Tgt Ion: 84	Resp:	848	
Ion	Ratio	Lower	Upper
84	100		
49	107.3	103.8	155.8
51	40.8	31.8	47.8
86	55.4	51.4	77.2



#28
Bromochloromethane
Concen: 8.821 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 49	Resp:	15698
Ion Ratio	Lower	Upper
49 100		
129 0.0	0.0	4.0
130 0.0	58.2	87.2#





#29

Tetrahydrofuran

Concen: 19.550 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035786.D

Acq: 22 May 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023

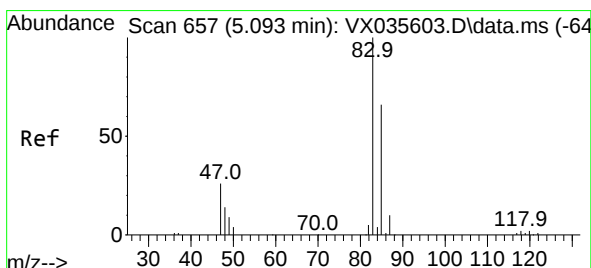
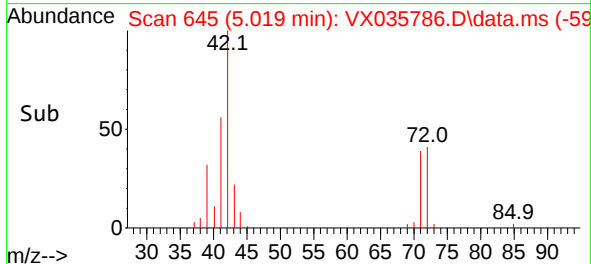
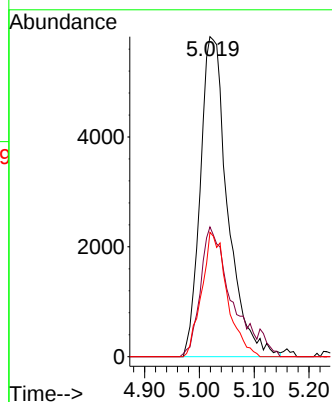
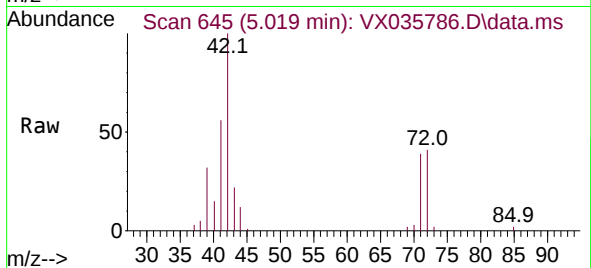
Tgt Ion: 42 Resp: 20199

Ion Ratio Lower Upper

42 100

72 43.9 34.5 51.7

71 36.1 32.1 48.1



#30

Chloroform

Concen: 43.931 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035786.D

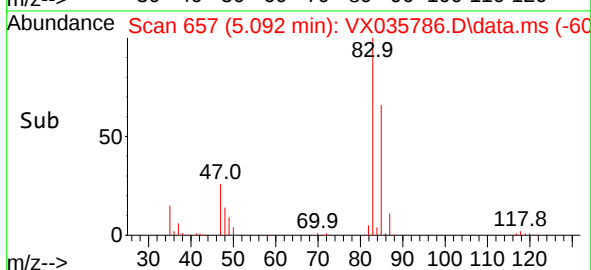
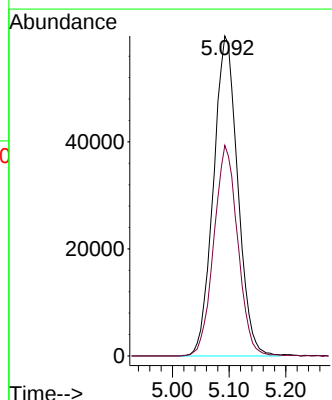
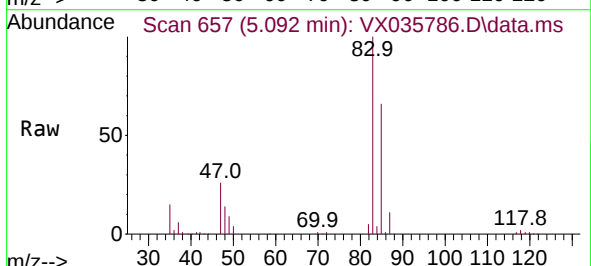
Acq: 22 May 2023 15:48

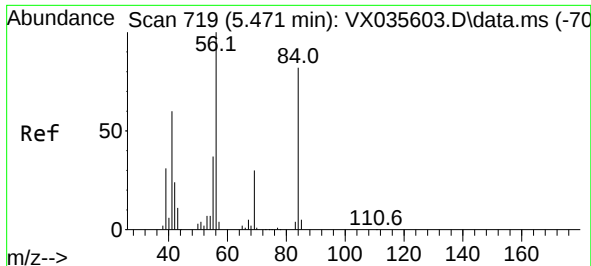
Tgt Ion: 83 Resp: 178109

Ion Ratio Lower Upper

83 100

85 65.8 50.6 76.0





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 5.556 min Scan# 719

Delta R.T. 0.085 min

Lab File: VX035786.D

Acq: 22 May 2023 15:48

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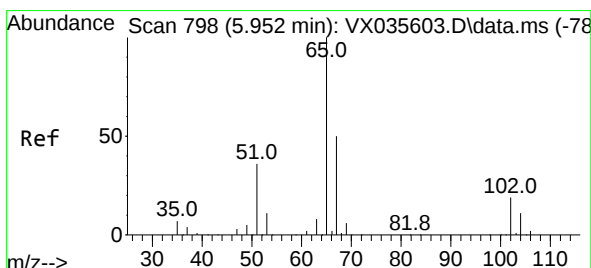
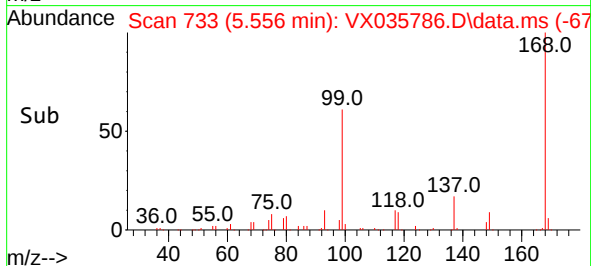
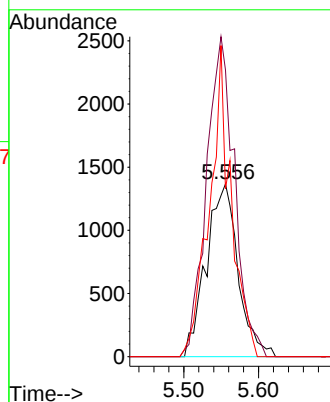
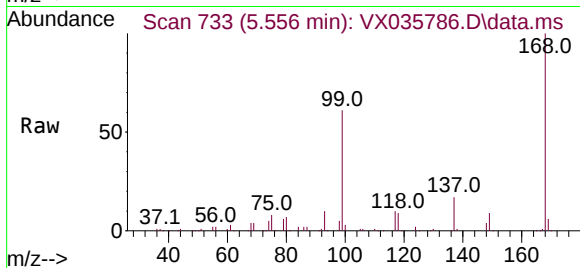
Tgt Ion: 56 Resp: 4047

Ion Ratio Lower Upper

56 100

69 165.9 23.7 35.5#

84 97.1 68.5 102.7



#33

1,2-Dichloroethane-d4

Concen: 58.711 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035786.D

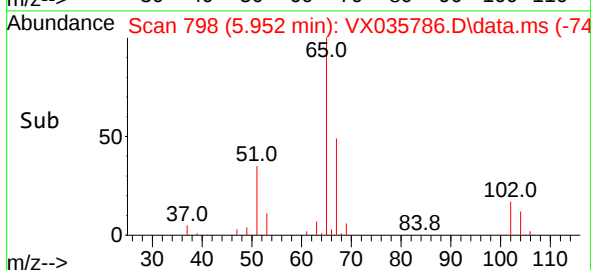
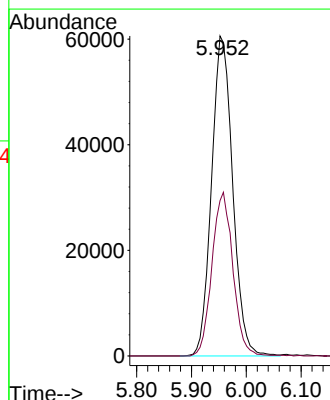
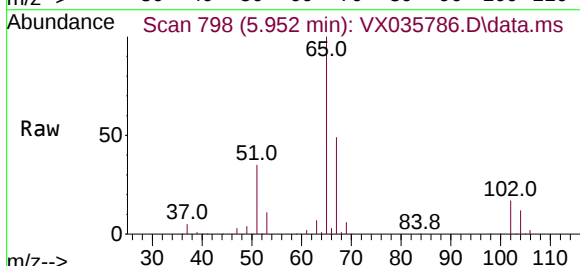
Acq: 22 May 2023 15:48

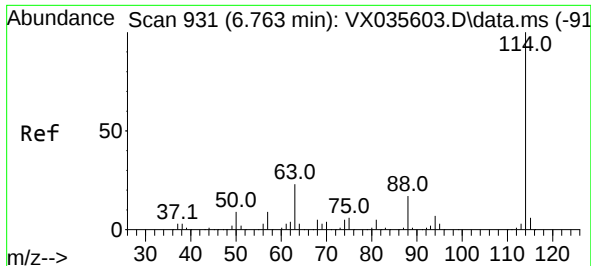
Tgt Ion: 65 Resp: 162211

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0

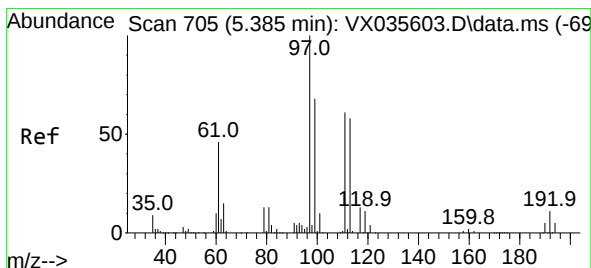
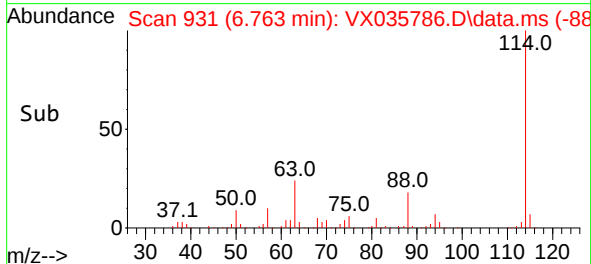
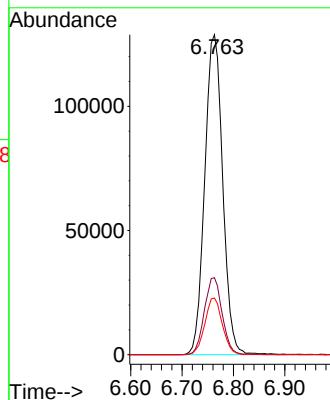
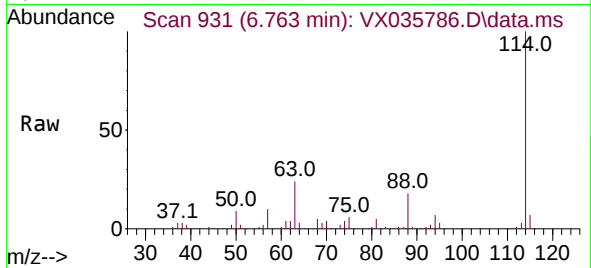




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

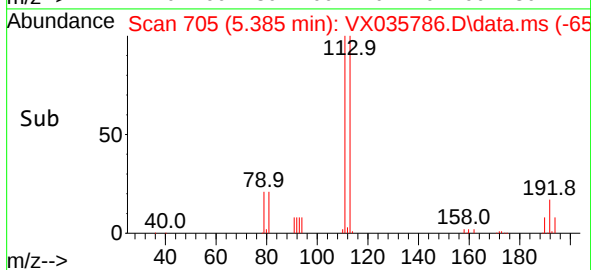
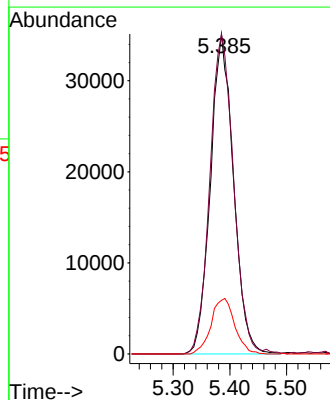
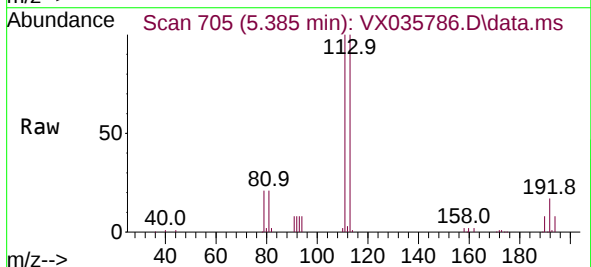
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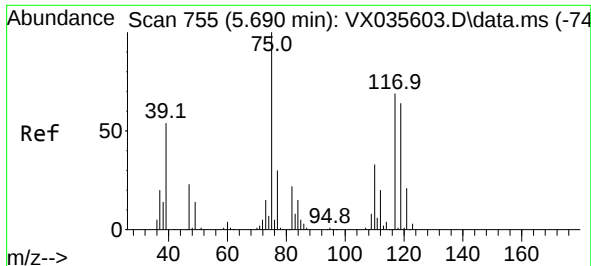
Tgt Ion:114 Resp: 312796
Ion Ratio Lower Upper
114 100
63 24.1 0.0 42.2
88 17.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion:113 Resp: 99080
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.8 15.4 23.2

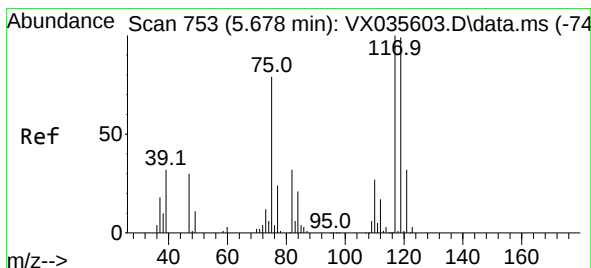
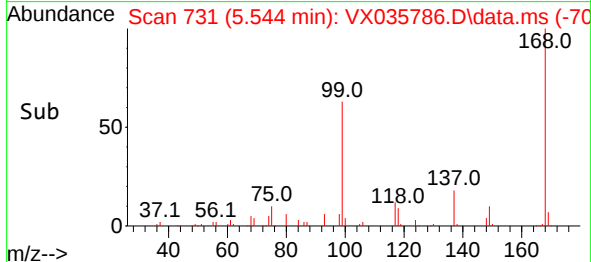
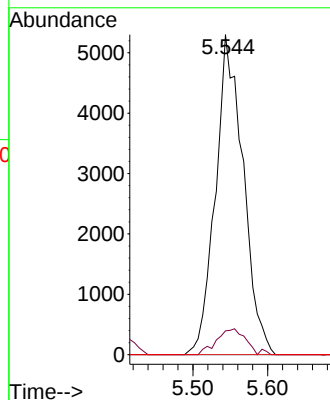
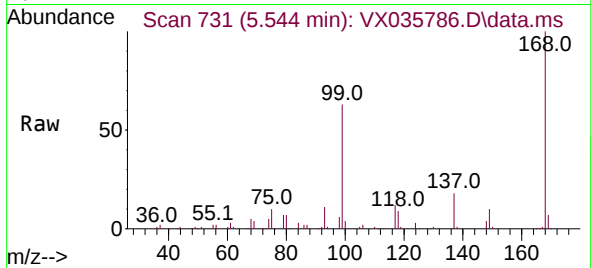




#36
1,1-Dichloropropene
Concen: 4.098 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

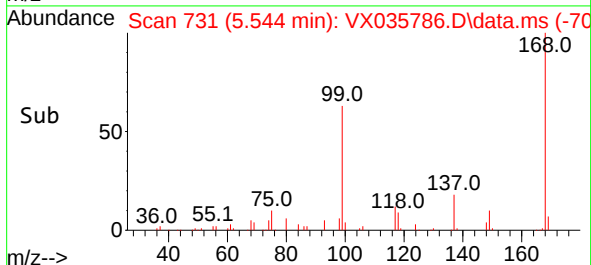
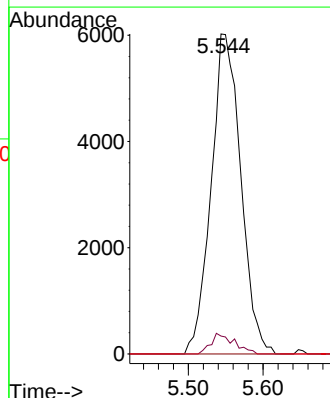
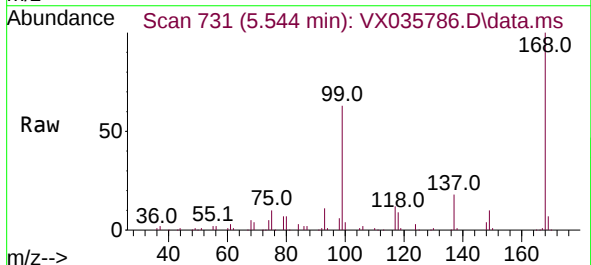
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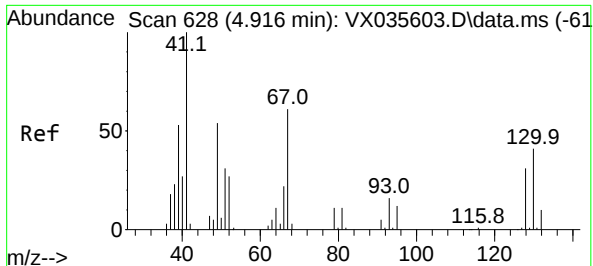
Tgt Ion: 75 Resp: 13645
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 117 Resp: 16608
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#

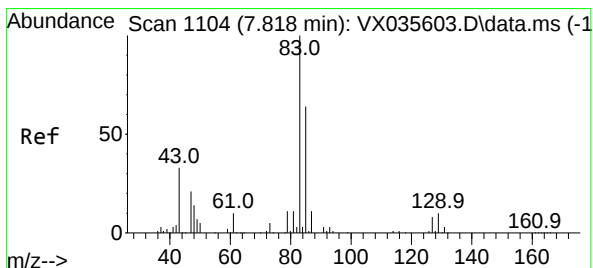
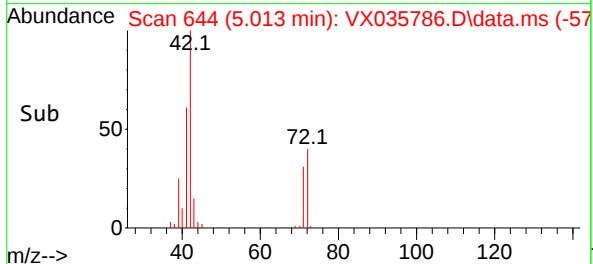
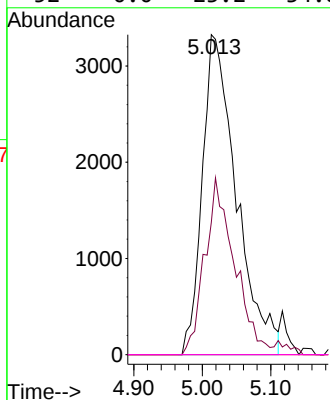
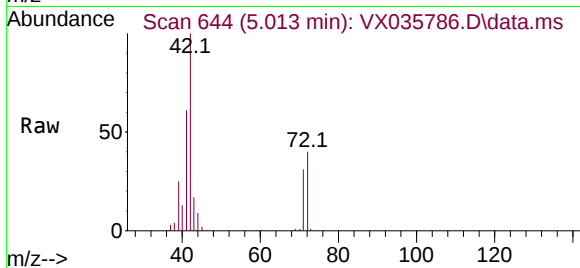




#41
Methacrylonitrile
Concen: 5.590 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.097 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

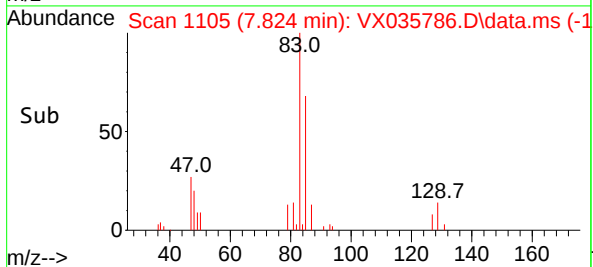
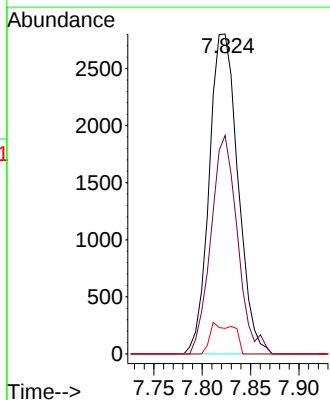
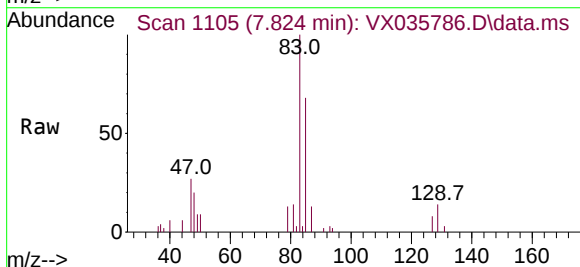
Instrument :
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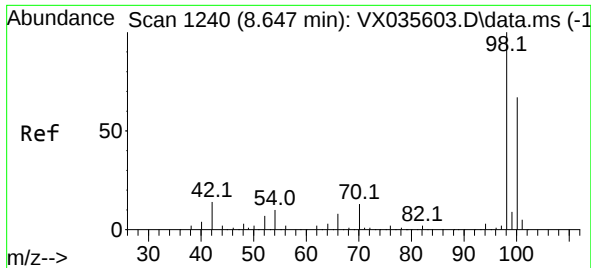
Tgt Ion:	41	Resp:	11526
Ion	Ratio	Lower	Upper
41	100		
39	47.9	45.0	67.6
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#47
Bromodichloromethane
Concen: 1.774 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion:	83	Resp:	5791
Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.2	78.4
127	8.0	6.6	9.8

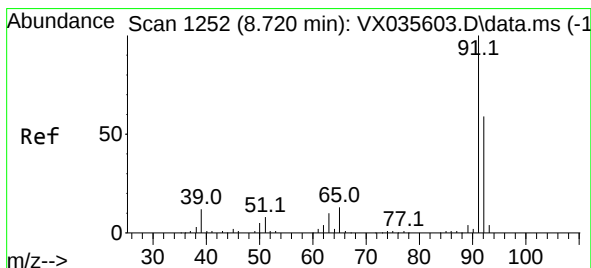
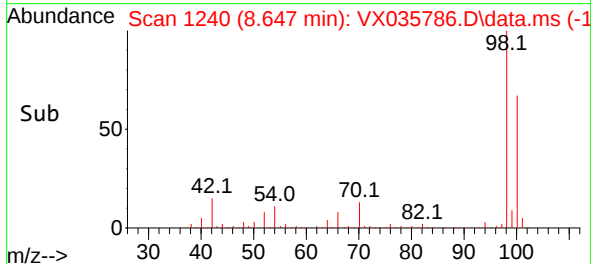
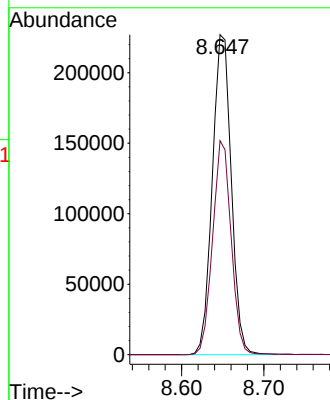
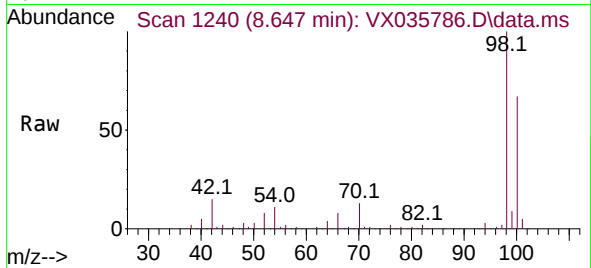




#50
Toluene-d8
Concen: 46.577 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

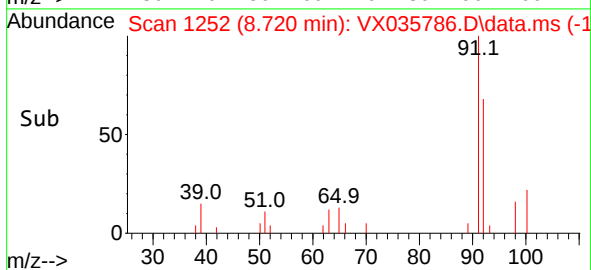
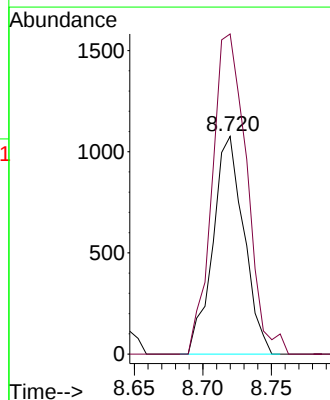
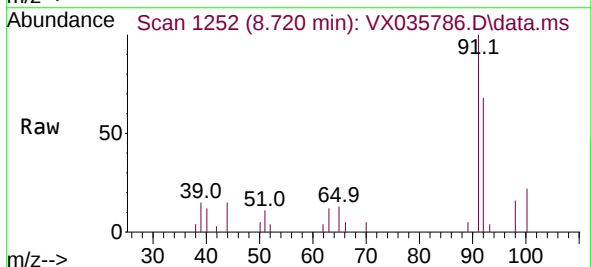
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

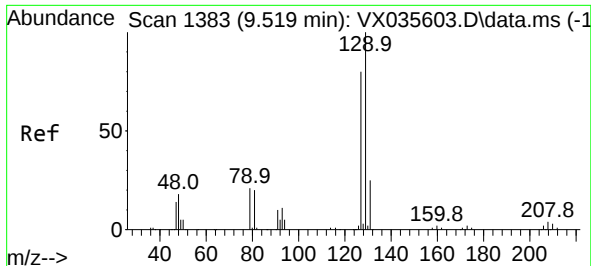
Tgt Ion: 98 Resp: 362970
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#52
Toluene
Concen: 0.287 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 92 Resp: 1690
Ion Ratio Lower Upper
92 100
91 164.1 136.8 205.2

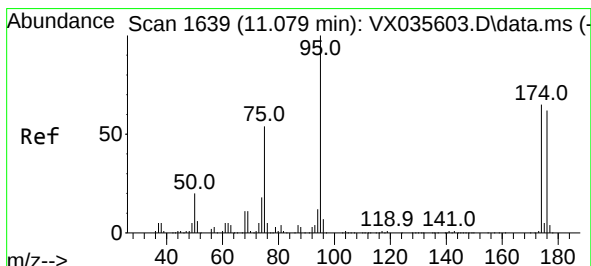
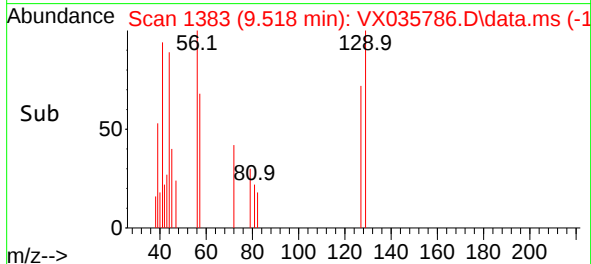
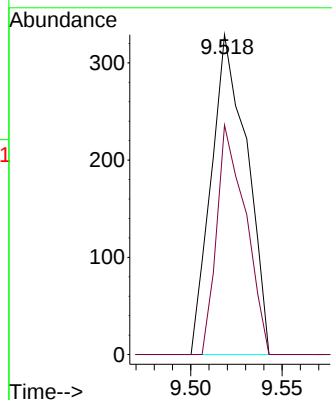
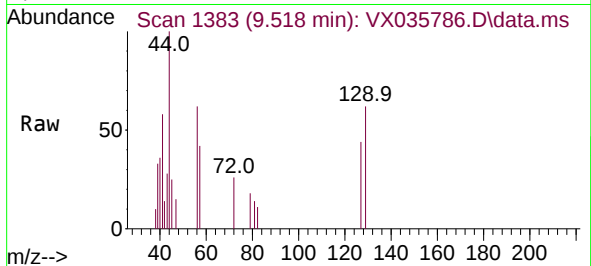




#60
Dibromochloromethane
Concen: 0.204 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

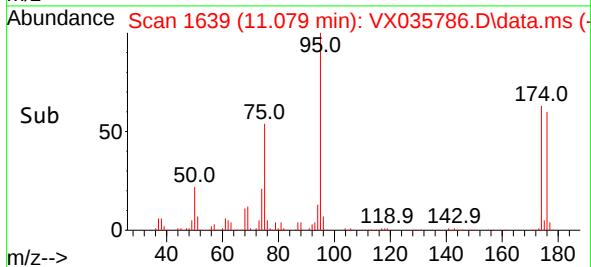
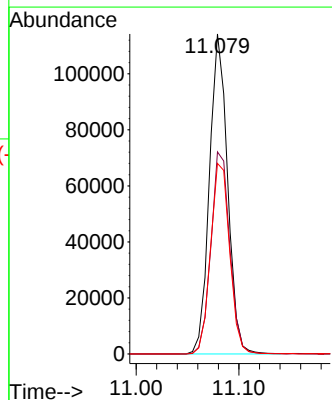
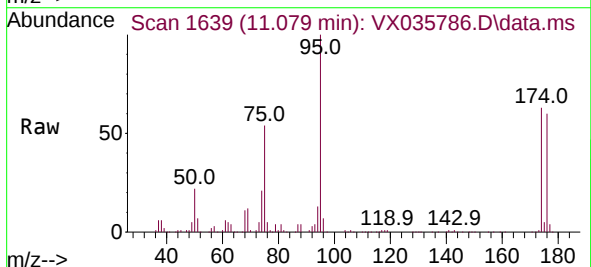
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

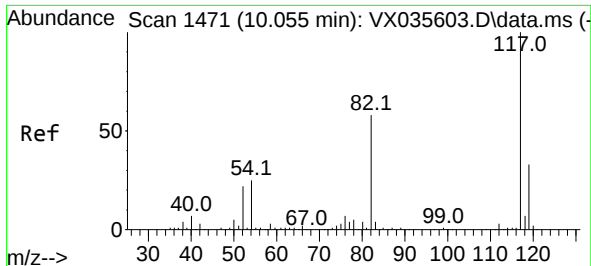
Tgt Ion:129 Resp: 448
Ion Ratio Lower Upper
129 100
127 58.0 39.0 117.0



#62
4-Bromofluorobenzene
Concen: 44.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 95 Resp: 139794
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 62.7 0.0 140.6

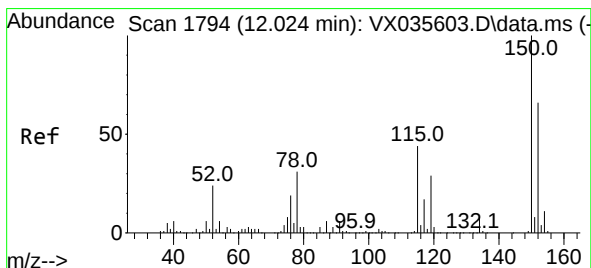
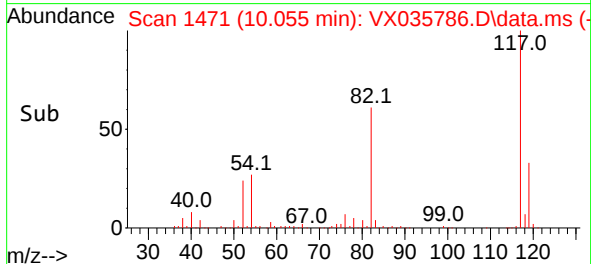
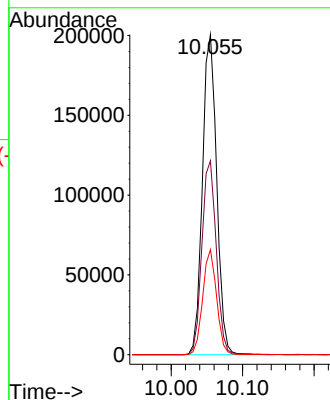
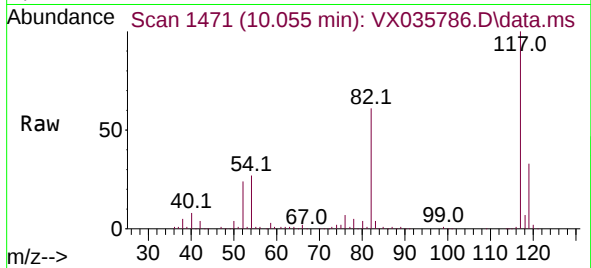




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

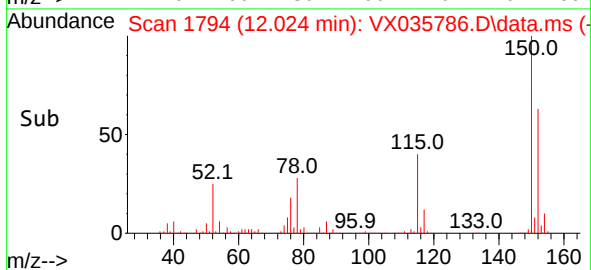
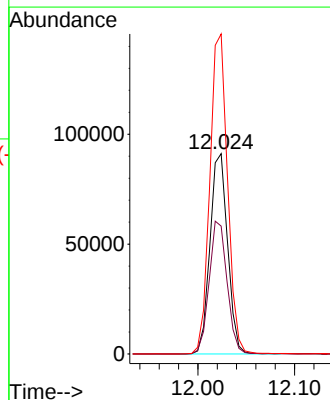
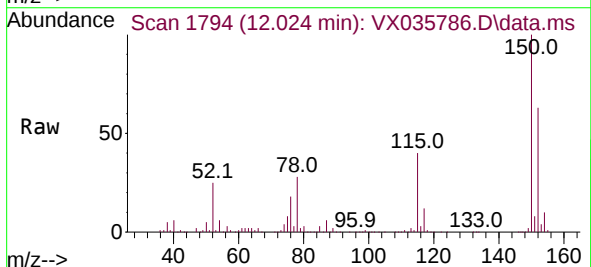
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

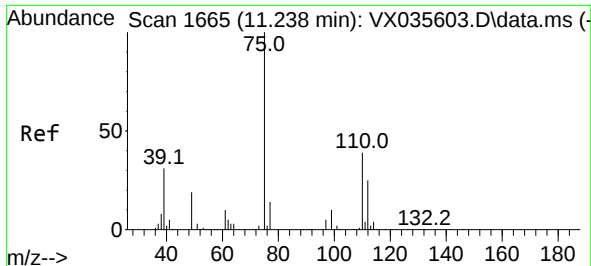
Tgt Ion:117 Resp: 277675
Ion Ratio Lower Upper
117 100
82 60.6 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion:152 Resp: 115369
Ion Ratio Lower Upper
152 100
115 67.3 45.0 135.0
150 160.5 0.0 352.4

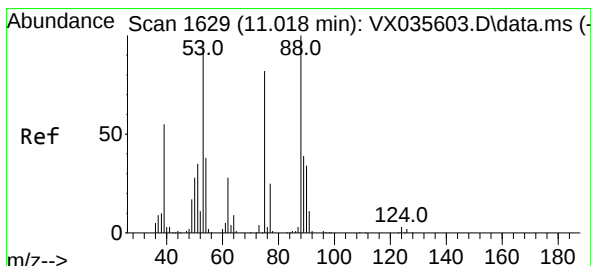
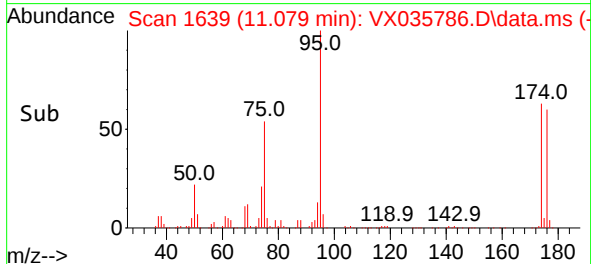
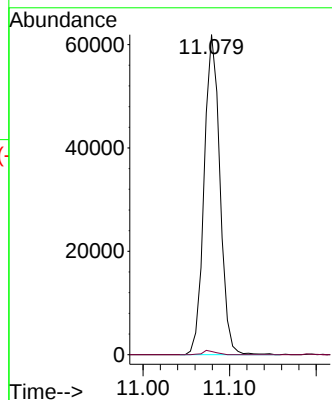
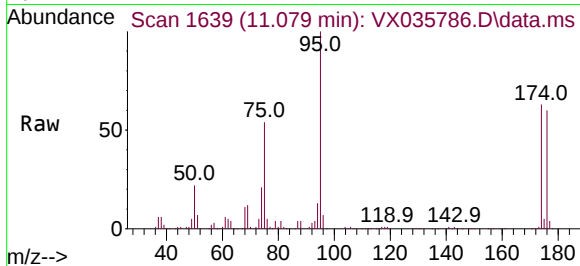




#76
1,2,3-Trichloropropane
Concen: 27.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

Tgt Ion: 75 Resp: 78265
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035786.D
Acq: 22 May 2023 15:48

Tgt Ion: 75 Resp: 78265
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

