

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035043.D
 Acq On : 12 Apr 2023 13:49
 Operator : JC/MD
 Sample : 02293-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQ-FTWZ1A-041123

Quant Time: Apr 13 02:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

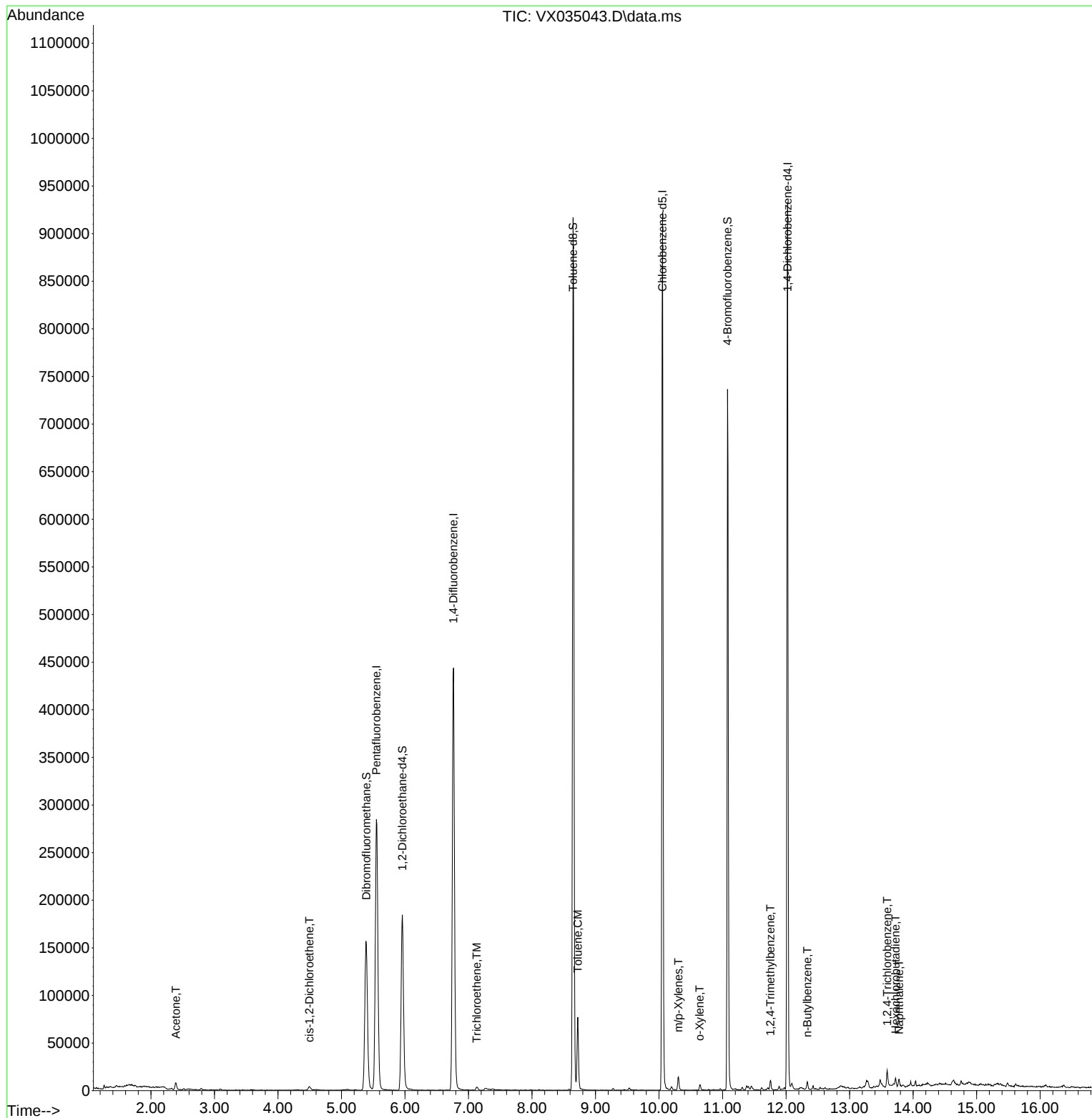
Internal Standards						
1) Pentafluorobenzene	5.550	168	261009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180929	45.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.391	113	137554	46.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	8.647	98	534172	49.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	203929	48.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.960%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	9361	5.773	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	2715	0.784	ug/l	78
44) Trichloroethene	7.129	130	1488	0.465	ug/l	92
52) Toluene	8.720	92	28087	3.440	ug/l	100
68) m/p-Xylenes	10.305	106	3834	0.663	ug/l	85
69) o-Xylene	10.640	106	1354	0.239	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	5159	0.438	ug/l	97
89) n-Butylbenzene	12.335	91	2954	0.307	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1095	0.309	ug/l	95
94) Hexachlorobutadiene	13.725	225	1022	0.657	ug/l	95
95) Naphthalene	13.780	128	4896	0.389	ug/l #	95

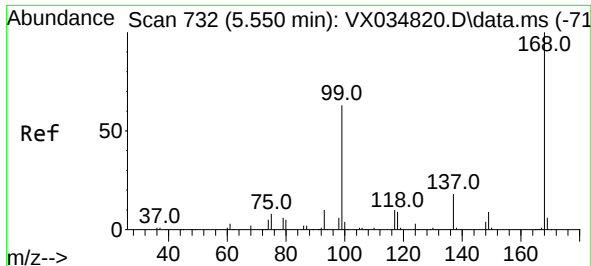
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

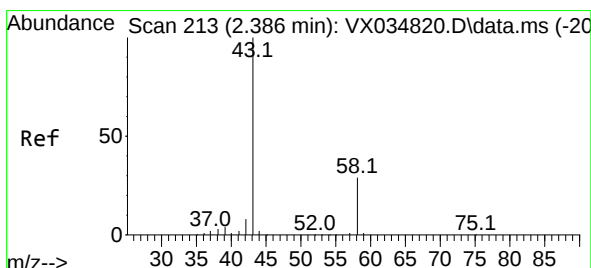
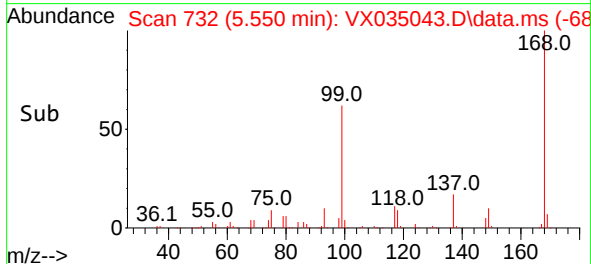
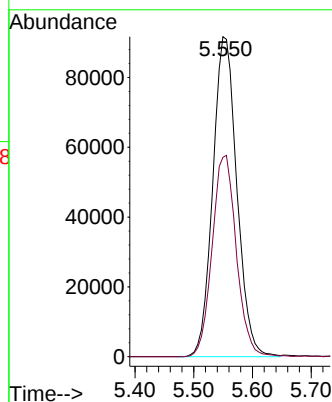
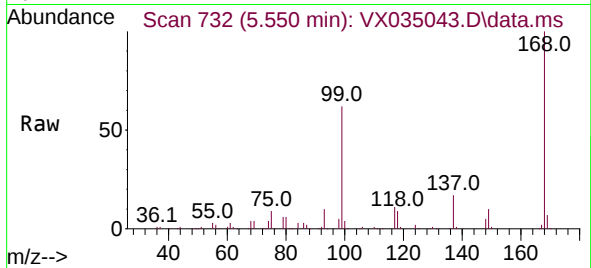




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

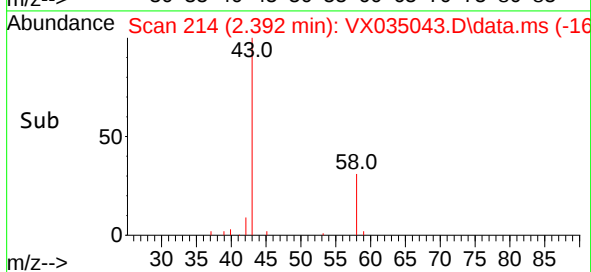
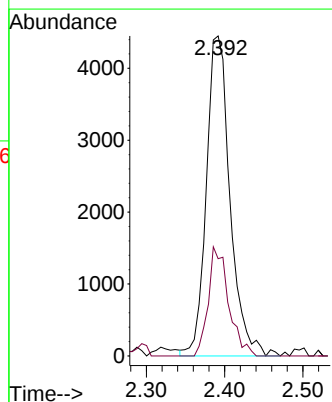
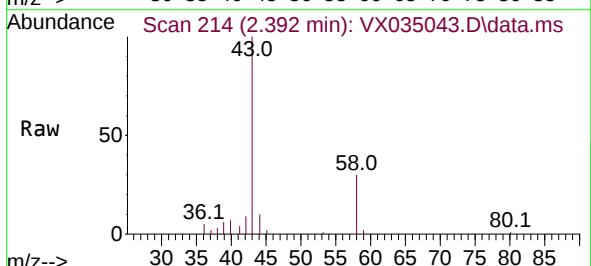
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQ-FTWZ1A-041123

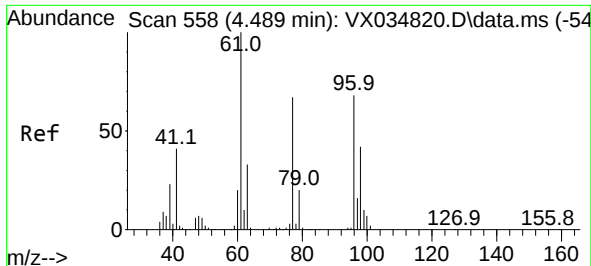
Tgt Ion:168 Resp: 261009
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#16
Acetone
Concen: 5.773 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion: 43 Resp: 9361
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

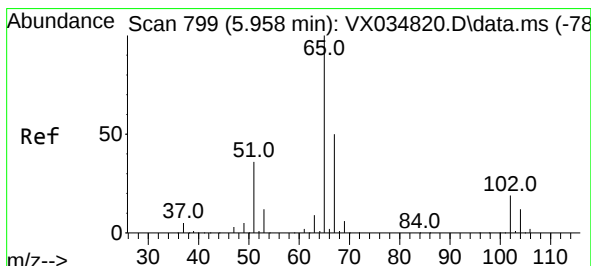
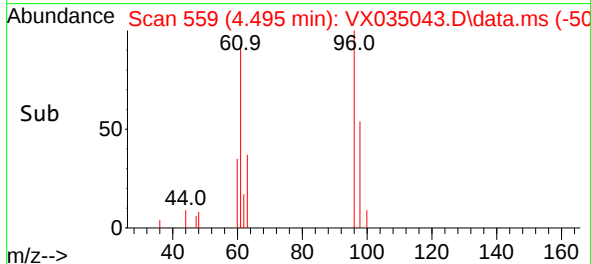
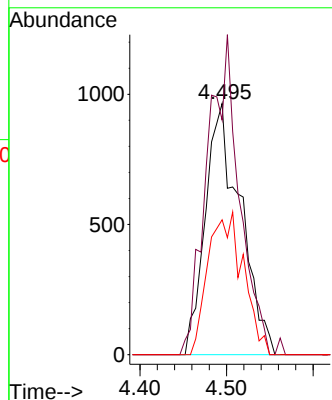
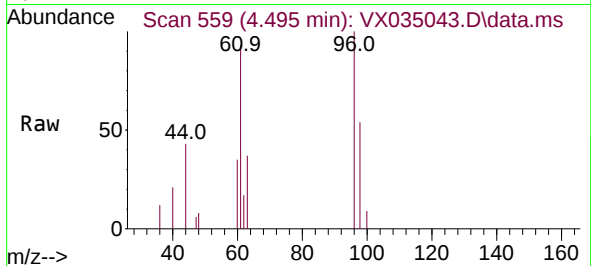




#27
 cis-1,2-Dichloroethene
 Concen: 0.784 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX035043.D
 Acq: 12 Apr 2023 13:49

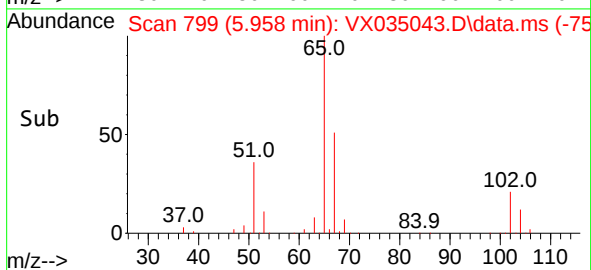
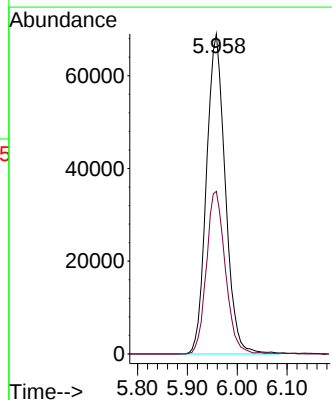
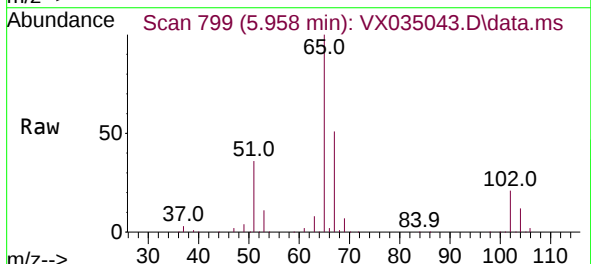
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQ-FTWZ1A-041123

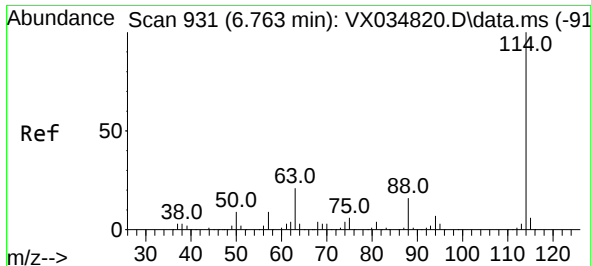
Tgt Ion: 96 Resp: 2715
 Ion Ratio Lower Upper
 96 100
 61 116.4 0.0 300.4
 98 56.9 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 45.326 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX035043.D
 Acq: 12 Apr 2023 13:49

Tgt Ion: 65 Resp: 180929
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0

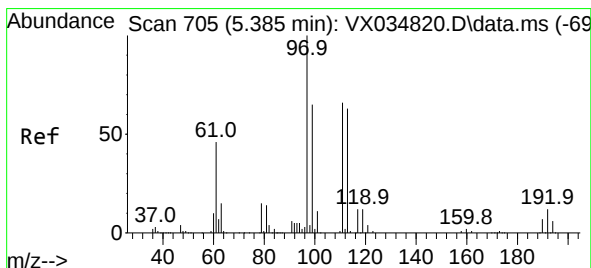
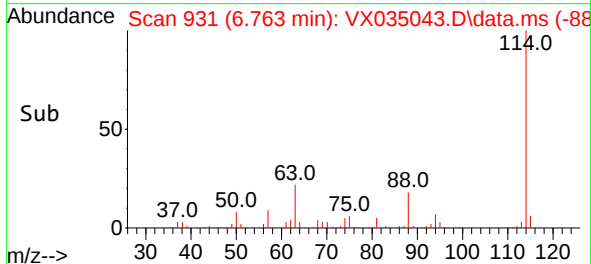
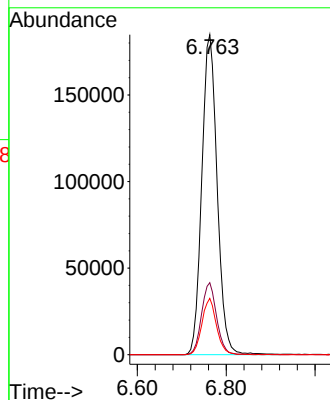
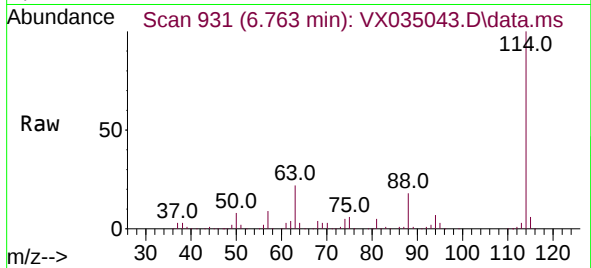




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

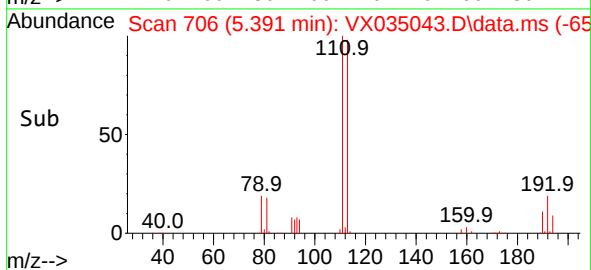
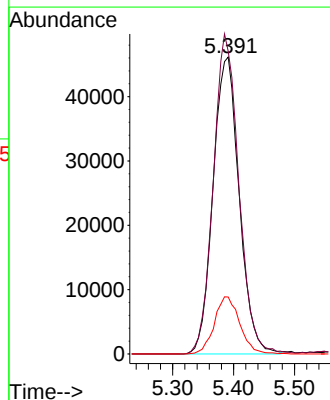
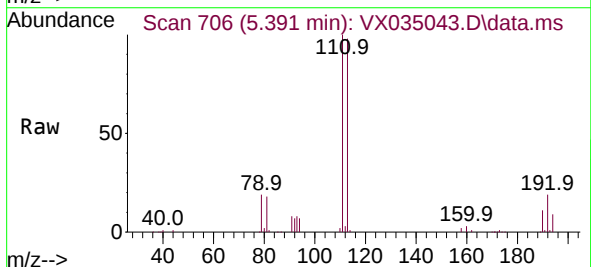
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQ-FTWZ1A-041123

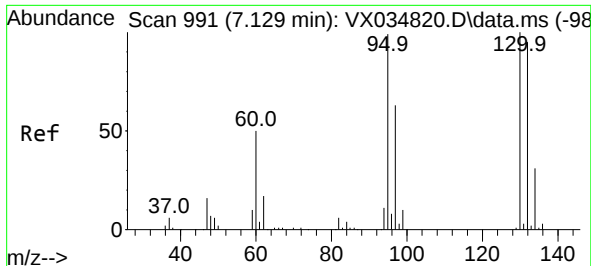
Tgt Ion:114 Resp: 445212
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.712 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion:113 Resp: 137554
Ion Ratio Lower Upper
113 100
111 105.1 83.7 125.5
192 18.8 15.4 23.2

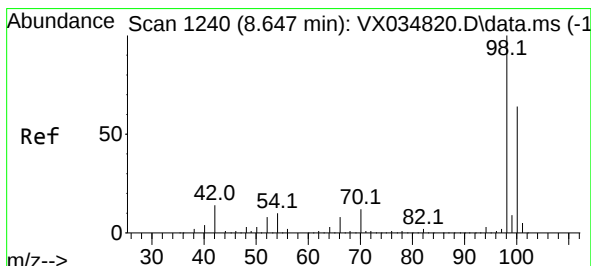
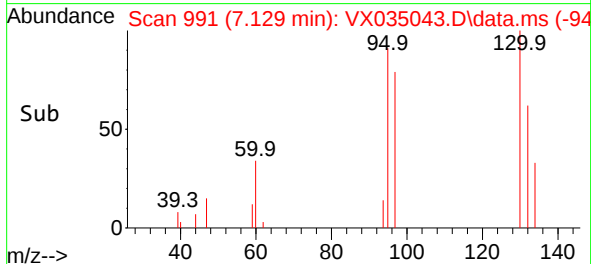
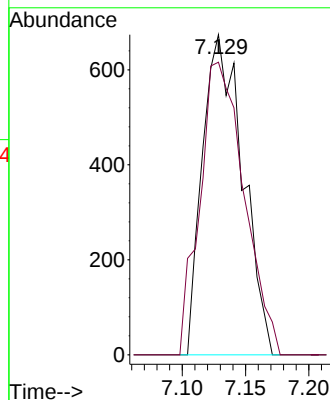
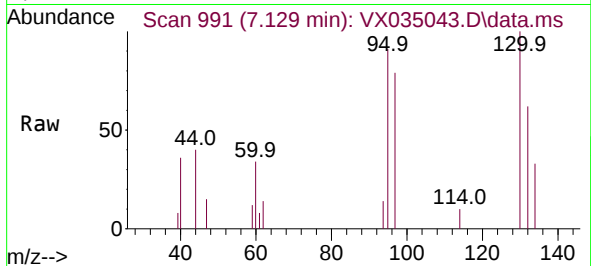




#44
Trichloroethene
Concen: 0.465 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

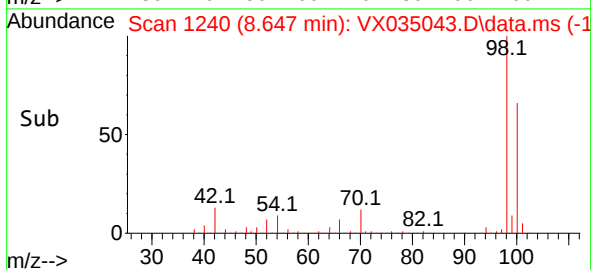
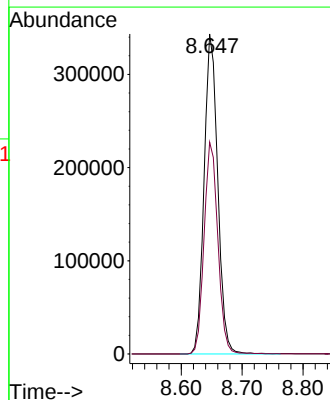
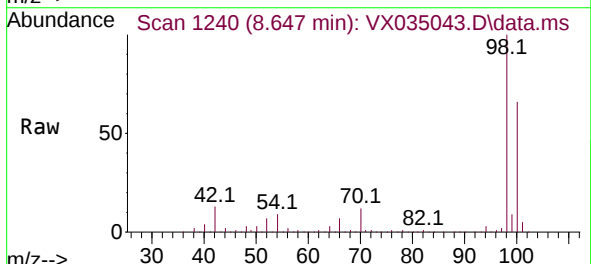
Instrument :
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ClientSampleId :
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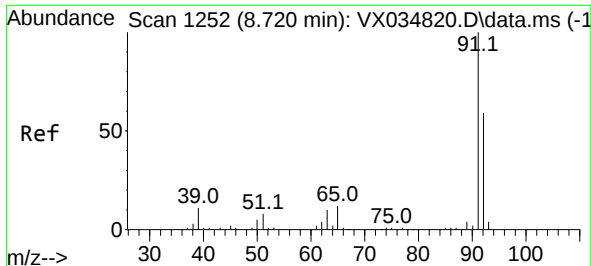
Tgt Ion:130 Resp: 1488
Ion Ratio Lower Upper
130 100
95 91.4 0.0 198.4



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion: 98 Resp: 534172
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

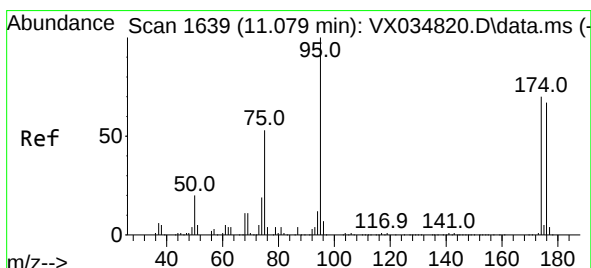
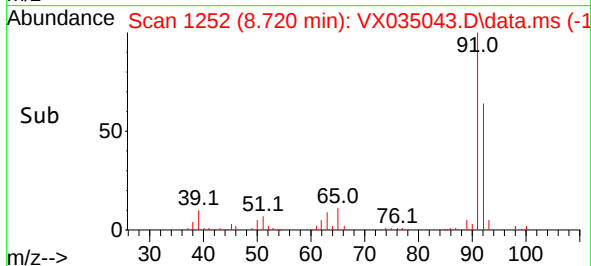
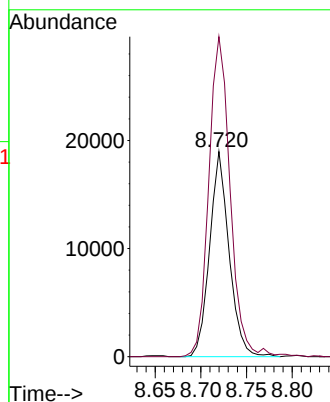
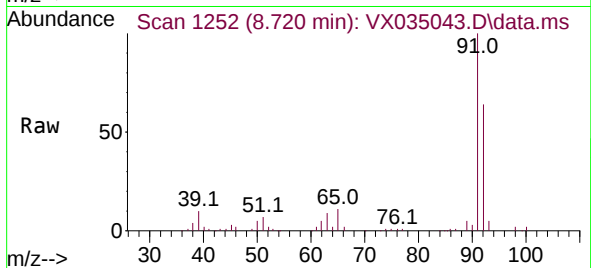




#52
Toluene
Concen: 3.440 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

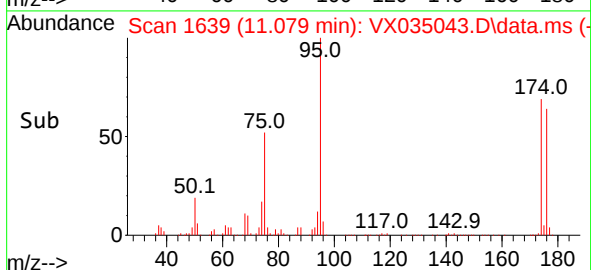
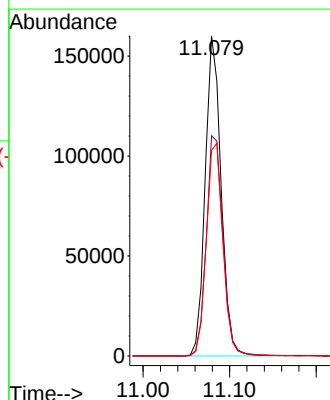
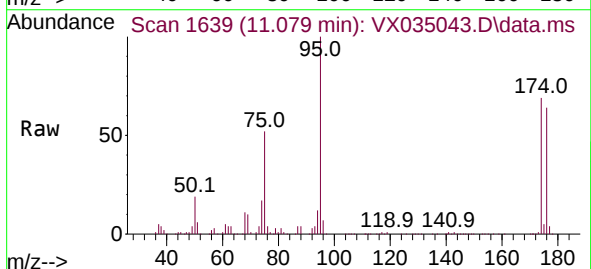
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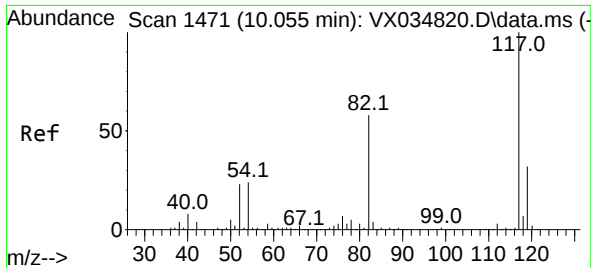
Tgt Ion: 92 Resp: 28087
Ion Ratio Lower Upper
92 100
91 171.5 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion: 95 Resp: 203929
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 69.3 0.0 140.6

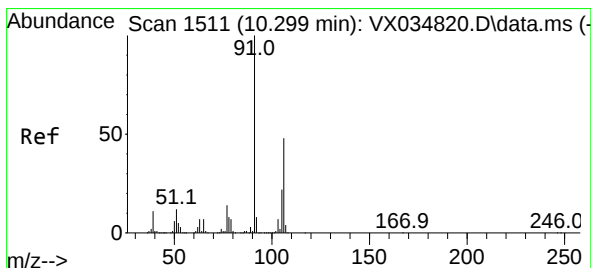
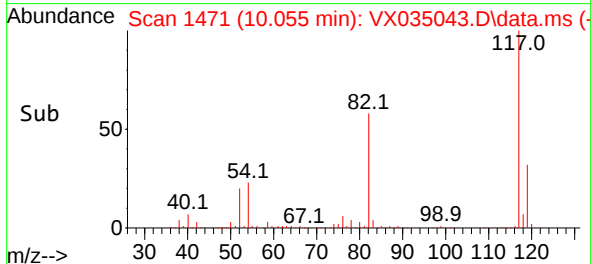
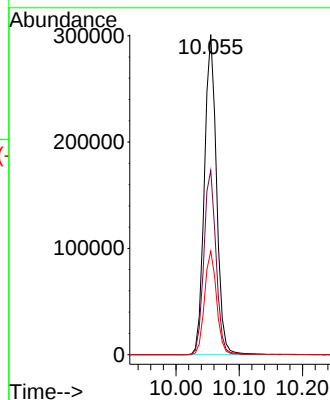
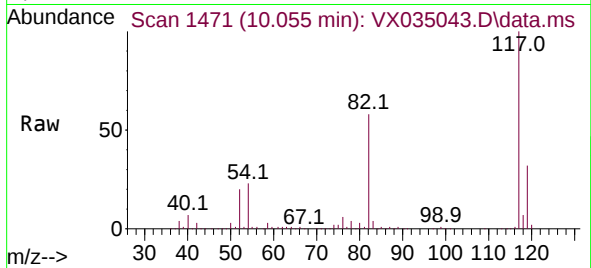




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

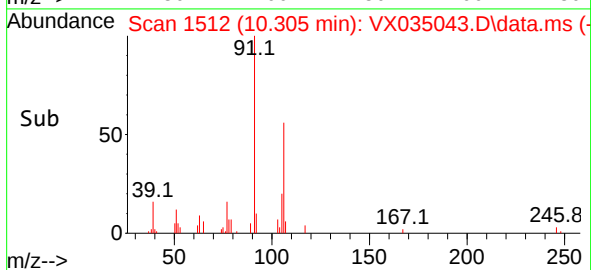
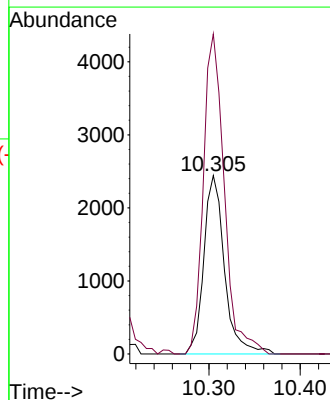
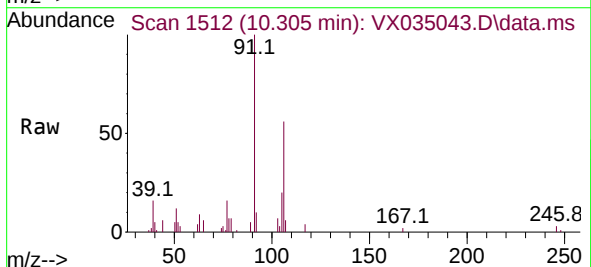
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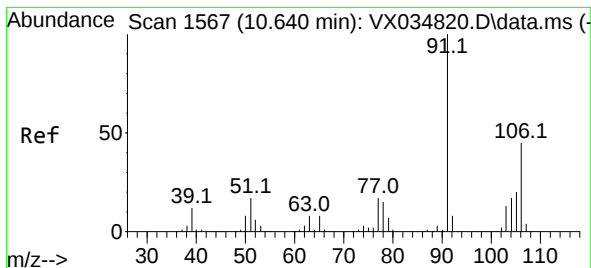
Tgt Ion:117 Resp: 401889
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.3 26.0 39.0



#68
m/p-Xylenes
Concen: 0.663 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion:106 Resp: 3834
Ion Ratio Lower Upper
106 100
91 181.4 164.0 246.0





#69

o-Xylene

Concen: 0.239 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035043.D

Acq: 12 Apr 2023 13:49

Instrument :

MSVOA_X

ClientSampleId :

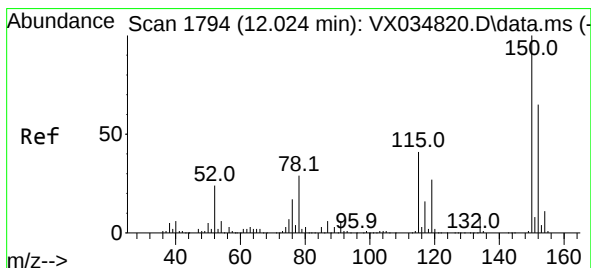
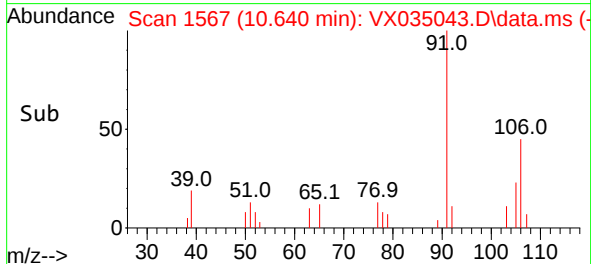
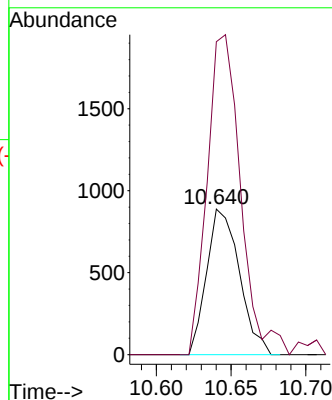
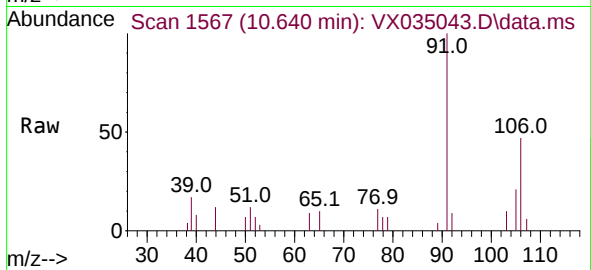
IDW-LIQ-FTWZ1A-041123

Tgt Ion:106 Resp: 1354

Ion Ratio Lower Upper

106 100

91 223.6 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035043.D

Acq: 12 Apr 2023 13:49

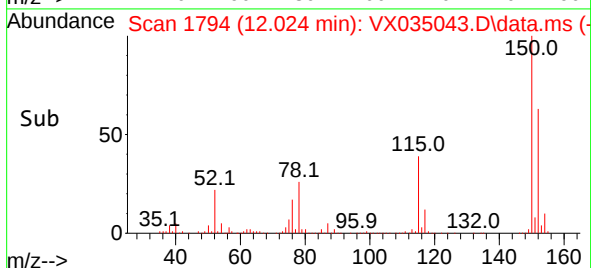
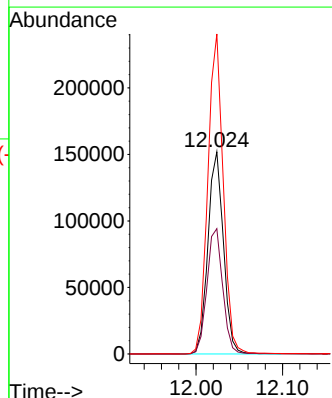
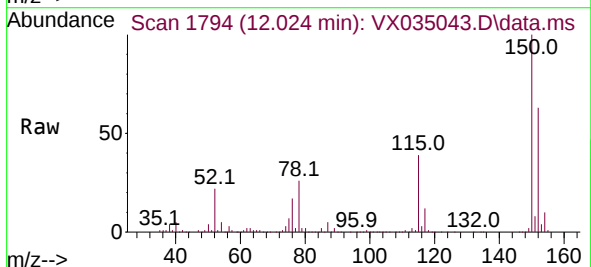
Tgt Ion:152 Resp: 188970

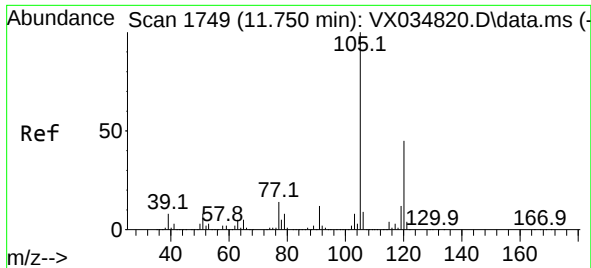
Ion Ratio Lower Upper

152 100

115 63.0 45.0 135.0

150 157.2 0.0 352.4

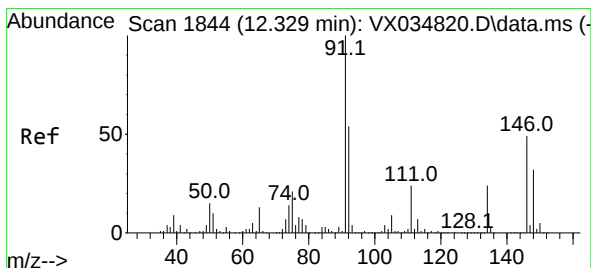
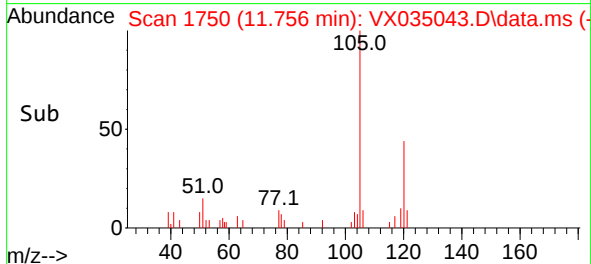
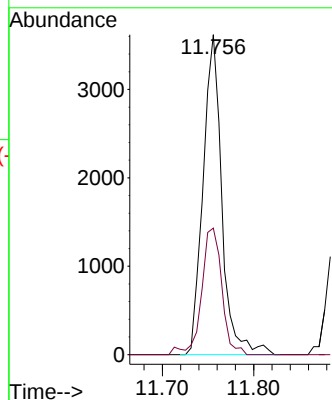
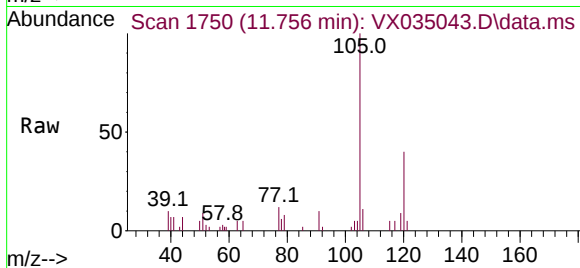




#84
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

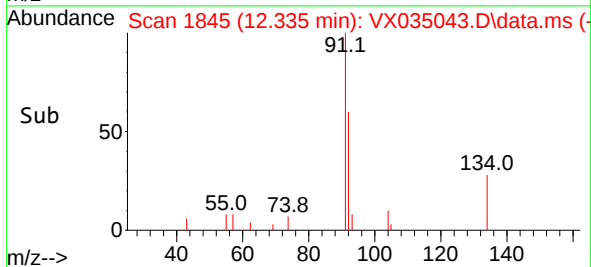
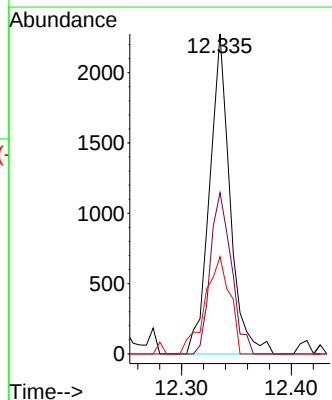
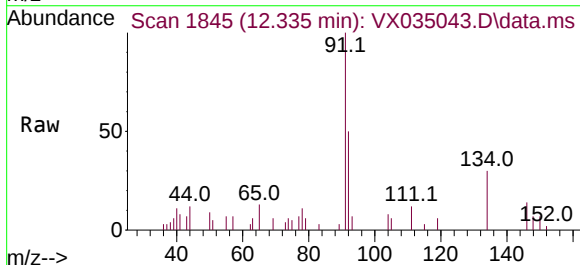
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQ-FTWZ1A-041123

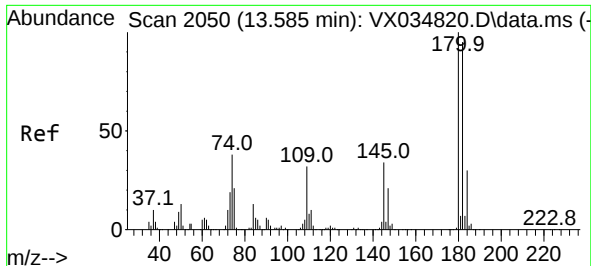
Tgt Ion:105 Resp: 5159
Ion Ratio Lower Upper
105 100
120 42.5 22.4 67.0



#89
n-Butylbenzene
Concen: 0.307 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Tgt Ion: 91 Resp: 2954
Ion Ratio Lower Upper
91 100
92 51.6 27.7 83.0
134 36.7 13.0 38.9

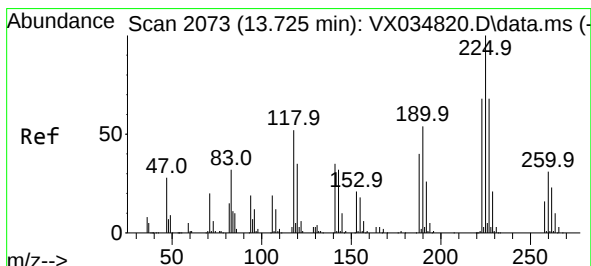
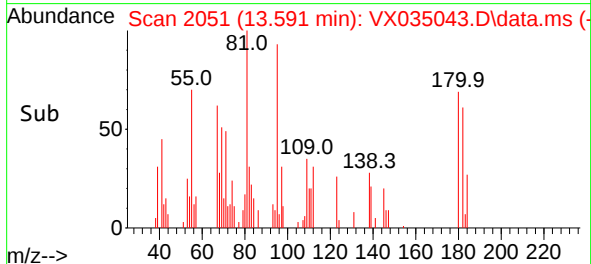
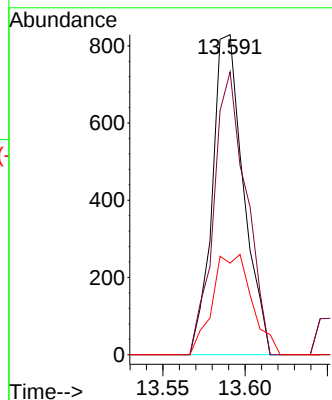
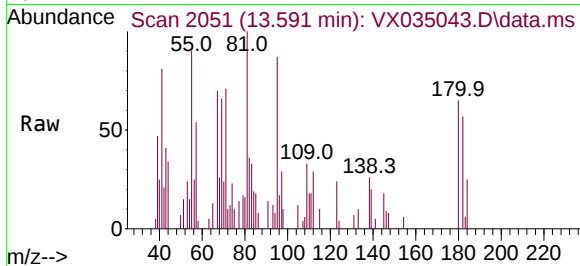




#93
1,2,4-Trichlorobenzene
Concen: 0.309 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

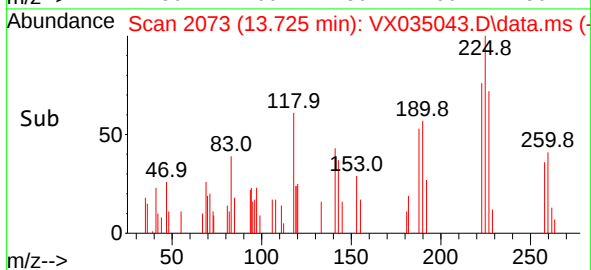
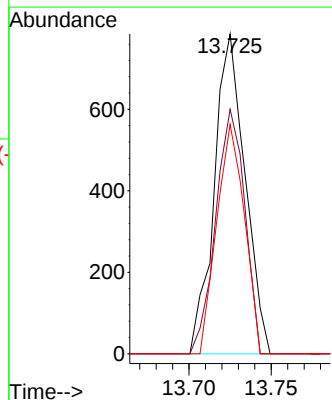
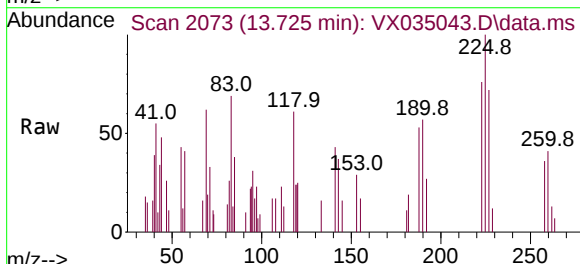
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQ-FTWZ1A-041123

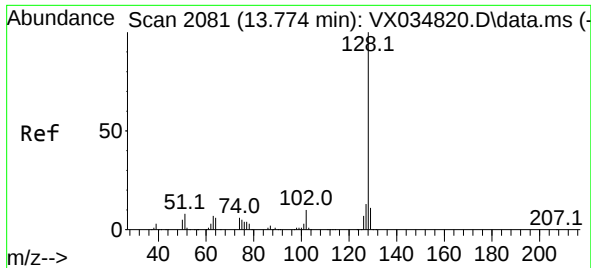
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.0	141.0
145	39.5	15.9	47.7



#94
Hexachlorobutadiene
Concen: 0.657 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

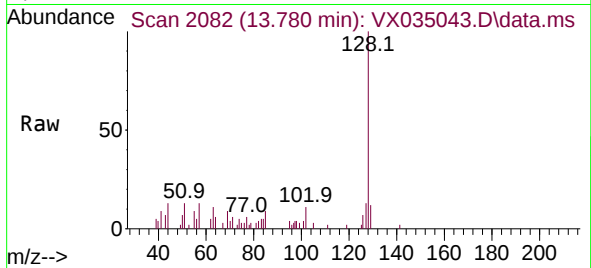
Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.0	32.1	96.5
227	64.2	31.8	95.4





#95
Naphthalene
Concen: 0.389 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035043.D
Acq: 12 Apr 2023 13:49

Instrument : MSVOA_X
ClientSampleId : IDW-LIQ-FTWZ1A-041123



Tgt Ion:	128	Resp:	4896
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.2	15.4
129	13.3	8.6	13.0

