

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025829.D
 Acq On : 15 Dec 2021 20:57
 Operator : JC/MD
 Sample : M5074-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-2

Quant Time: Dec 16 07:32:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

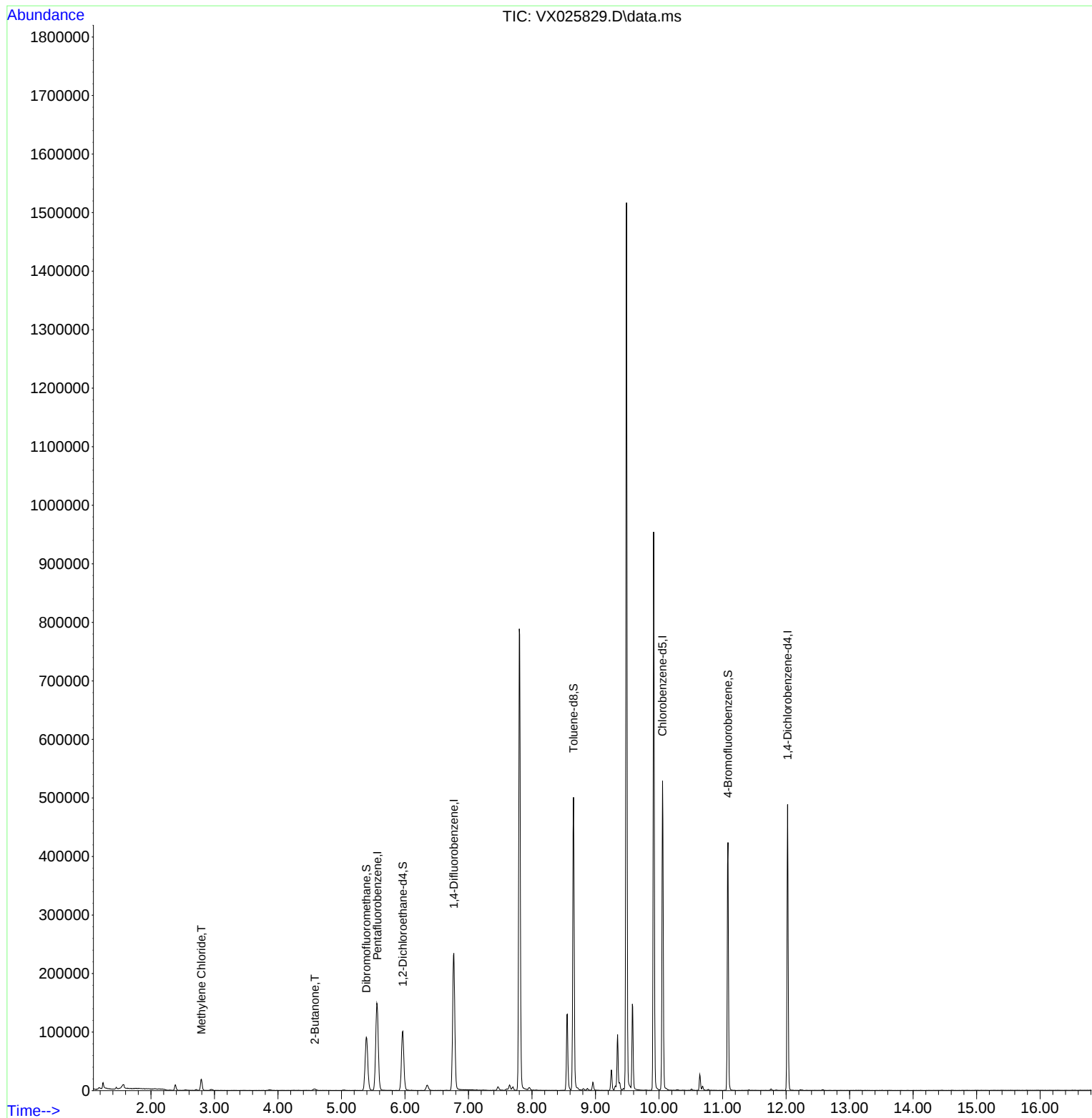
Internal Standards						
1) Pentafluorobenzene	5.562	168	139289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94579	47.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.391	113	78824	46.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.653	98	295819	48.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.120%
62) 4-Bromofluorobenzene	11.085	95	114602	49.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	8636	2.752	ug/l	96
25) 2-Butanone	4.580	43	4728	3.508	ug/l	93

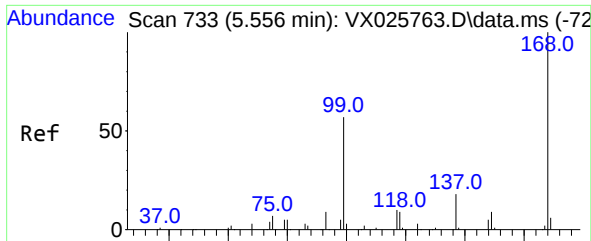
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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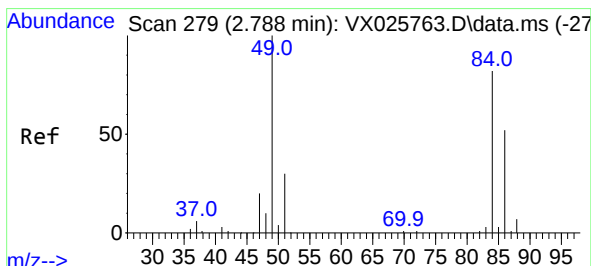
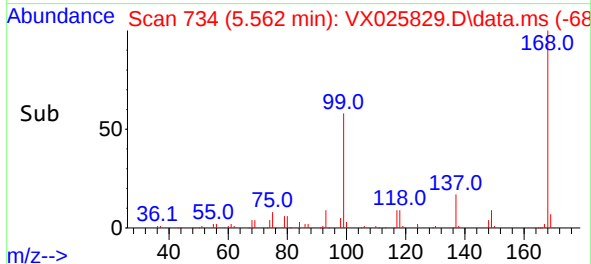
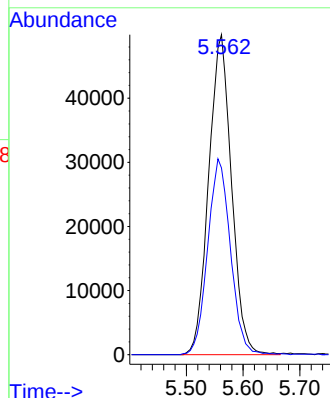
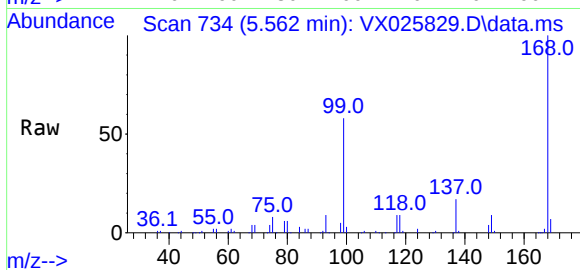




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

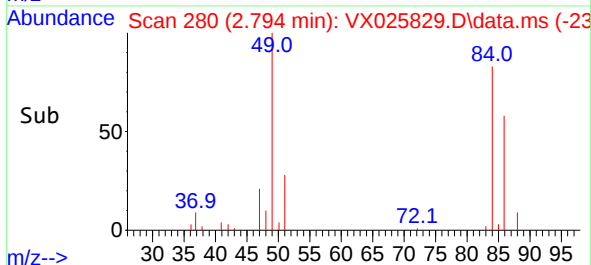
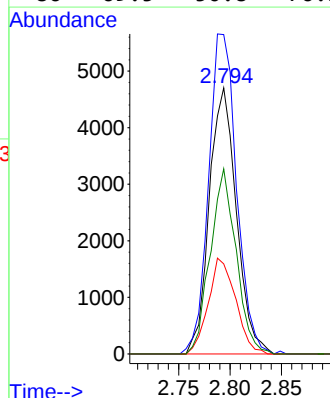
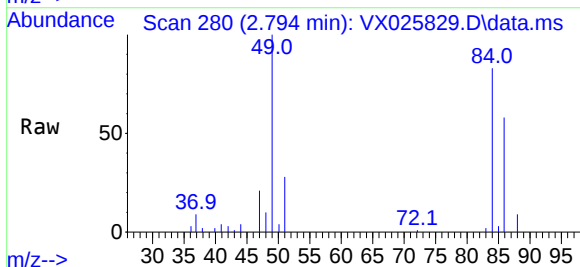
Instrument :
MSVOA_X
ClientSampleId :
CS-2

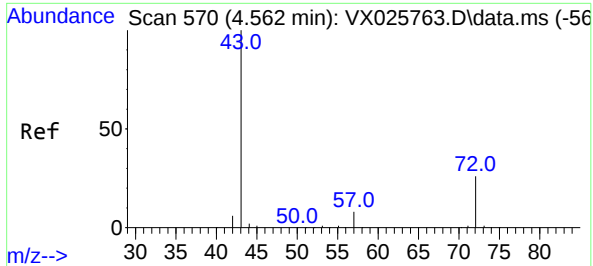
Tgt Ion:168 Resp: 139289
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.8



#20
Methylene Chloride
Concen: 2.752 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Tgt Ion: 84 Resp: 8636
Ion Ratio Lower Upper
84 100
49 120.0 97.1 145.7
51 33.8 29.3 43.9
86 69.5 50.8 76.2

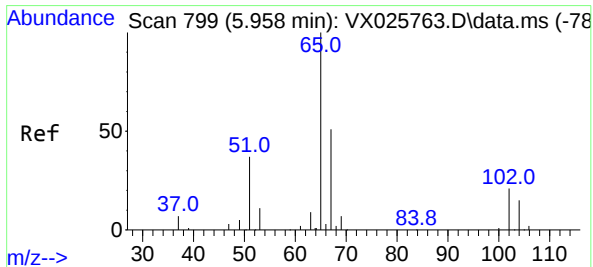
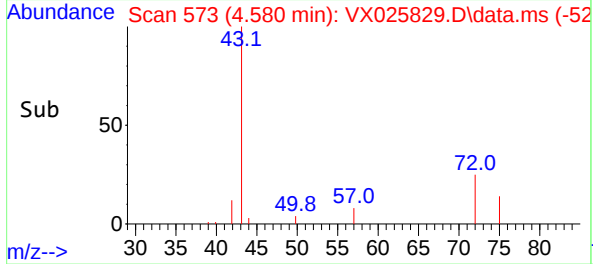
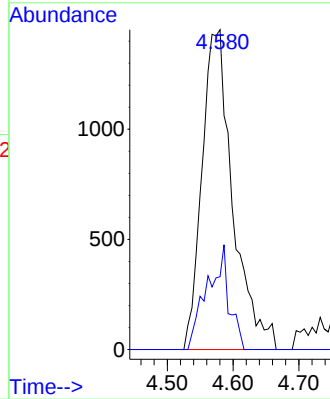
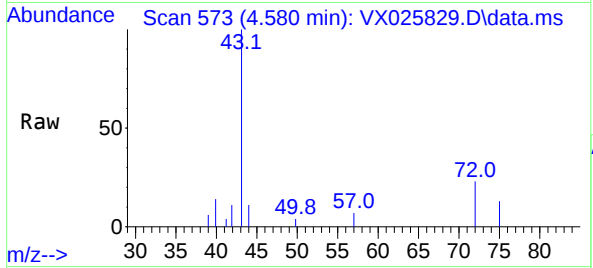




#25
2-Butanone
Concen: 3.508 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

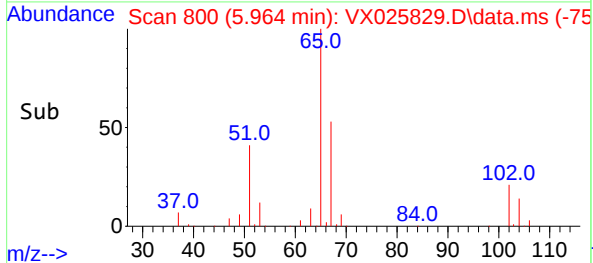
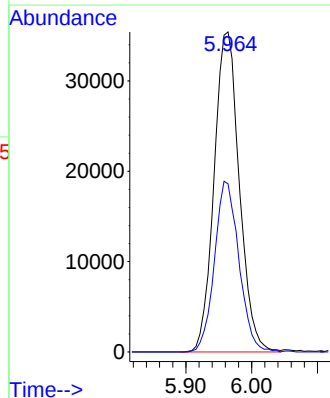
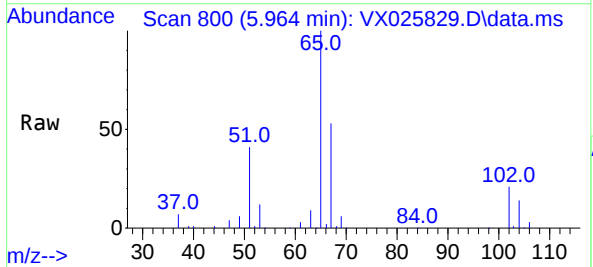
Instrument :
MSVOA_X
ClientSampleId :
CS-2

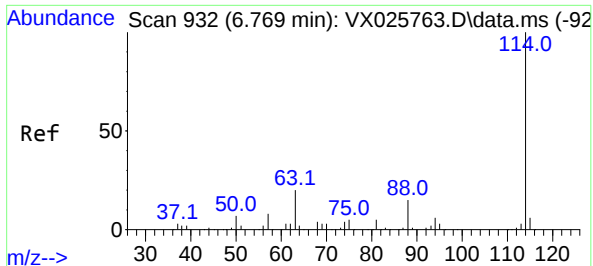
Tgt Ion: 43 Resp: 4728
Ion Ratio Lower Upper
43 100
72 22.8 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 47.192 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Tgt Ion: 65 Resp: 94579
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

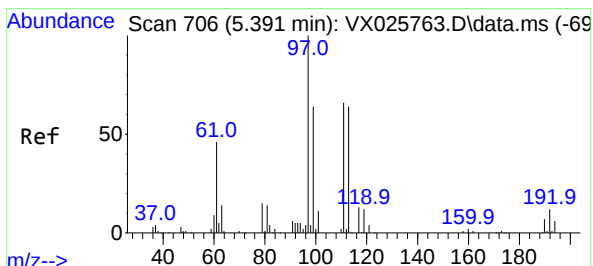
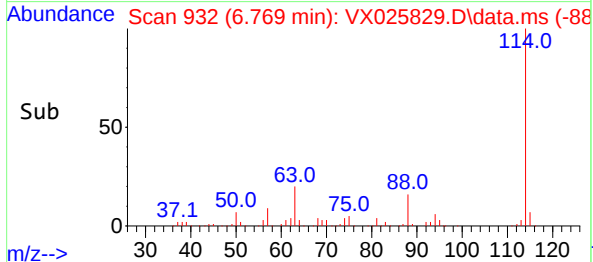
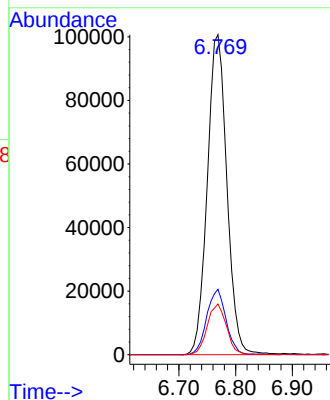
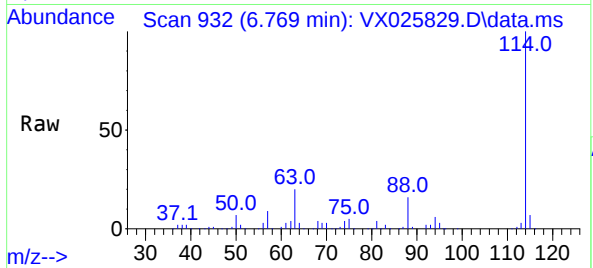




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

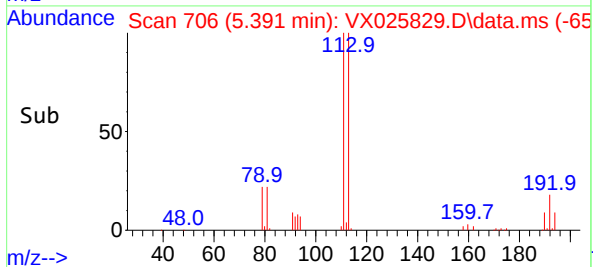
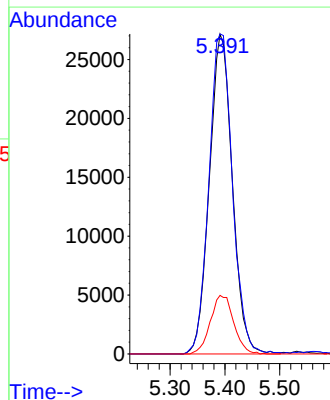
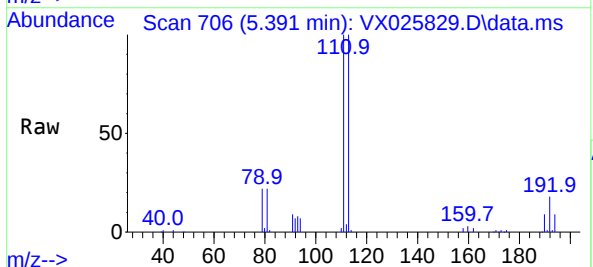
Instrument :
MSVOA_X
ClientSampleId :
CS-2

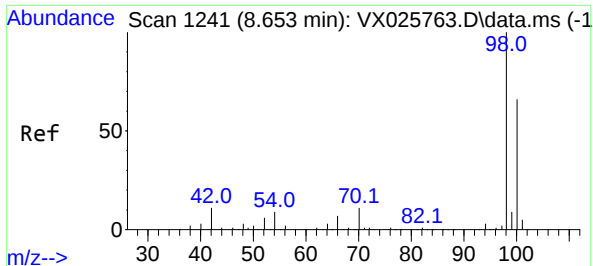
Tgt Ion:114 Resp: 242214
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.663 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Tgt Ion:113 Resp: 78824
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 18.6 15.0 22.4

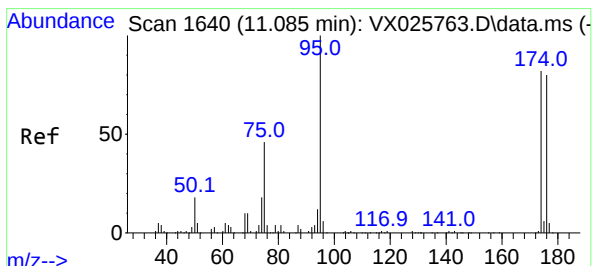
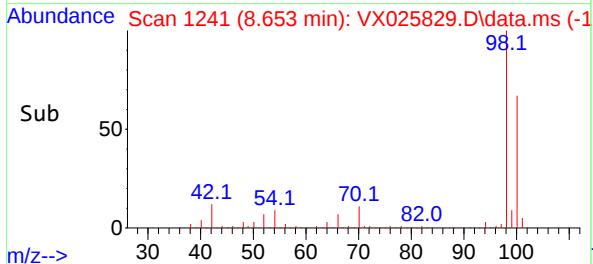
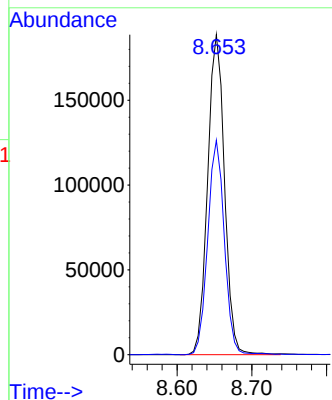
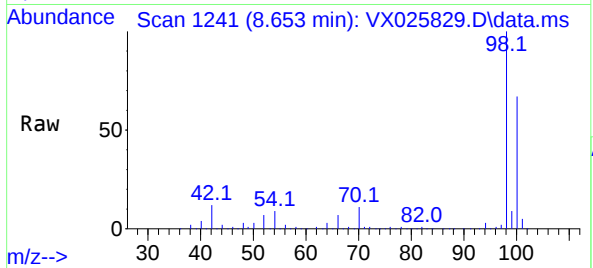




#50
Toluene-d8
Concen: 48.064 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

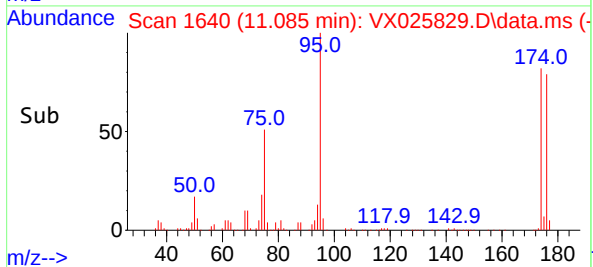
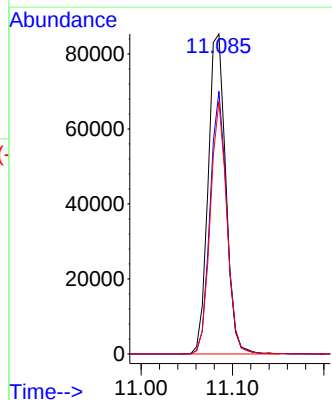
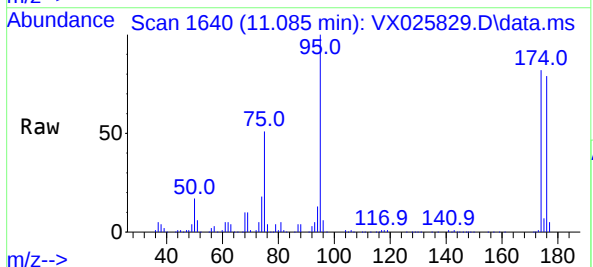
Instrument :
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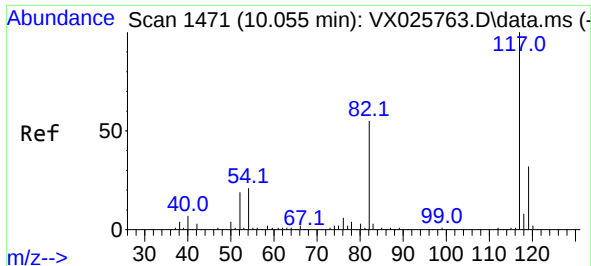
Tgt Ion: 98 Resp: 295819
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Tgt Ion: 95 Resp: 114602
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.4
176 74.3 0.0 154.6

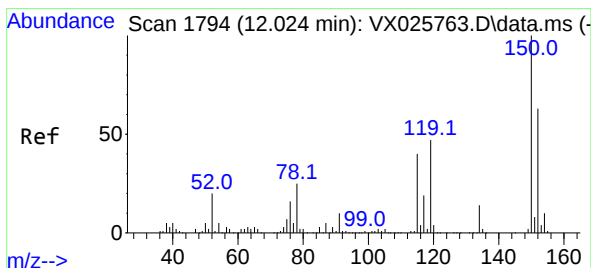
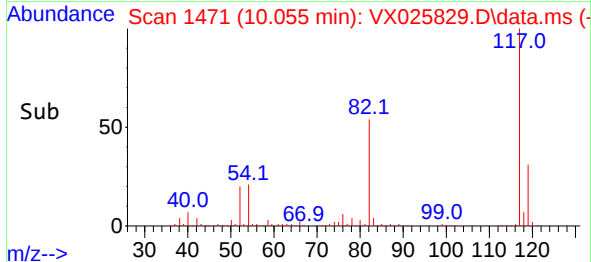
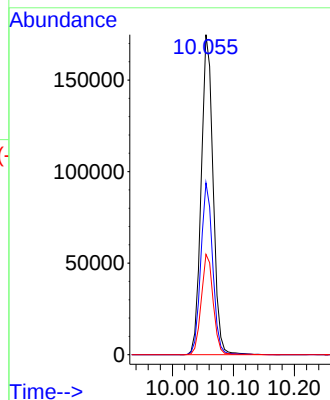
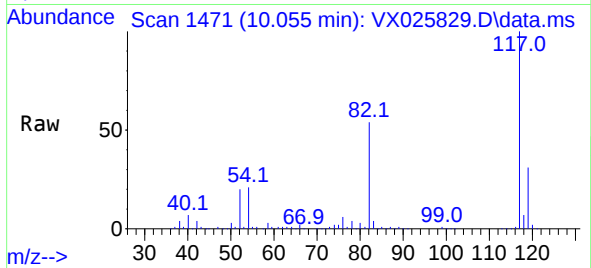




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Instrument :
MSVOA_X
ClientSampleId :
CS-2

Tgt Ion:117 Resp: 237223
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.6
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025829.D
Acq: 15 Dec 2021 20:57

Tgt Ion:152 Resp: 99707
Ion Ratio Lower Upper
152 100
115 59.8 41.3 123.9
150 154.8 0.0 351.8

