

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035451.D
 Acq On : 01 May 2023 19:24
 Operator : JC/MD
 Sample : 02515-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13I

Quant Time: May 02 00:05:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

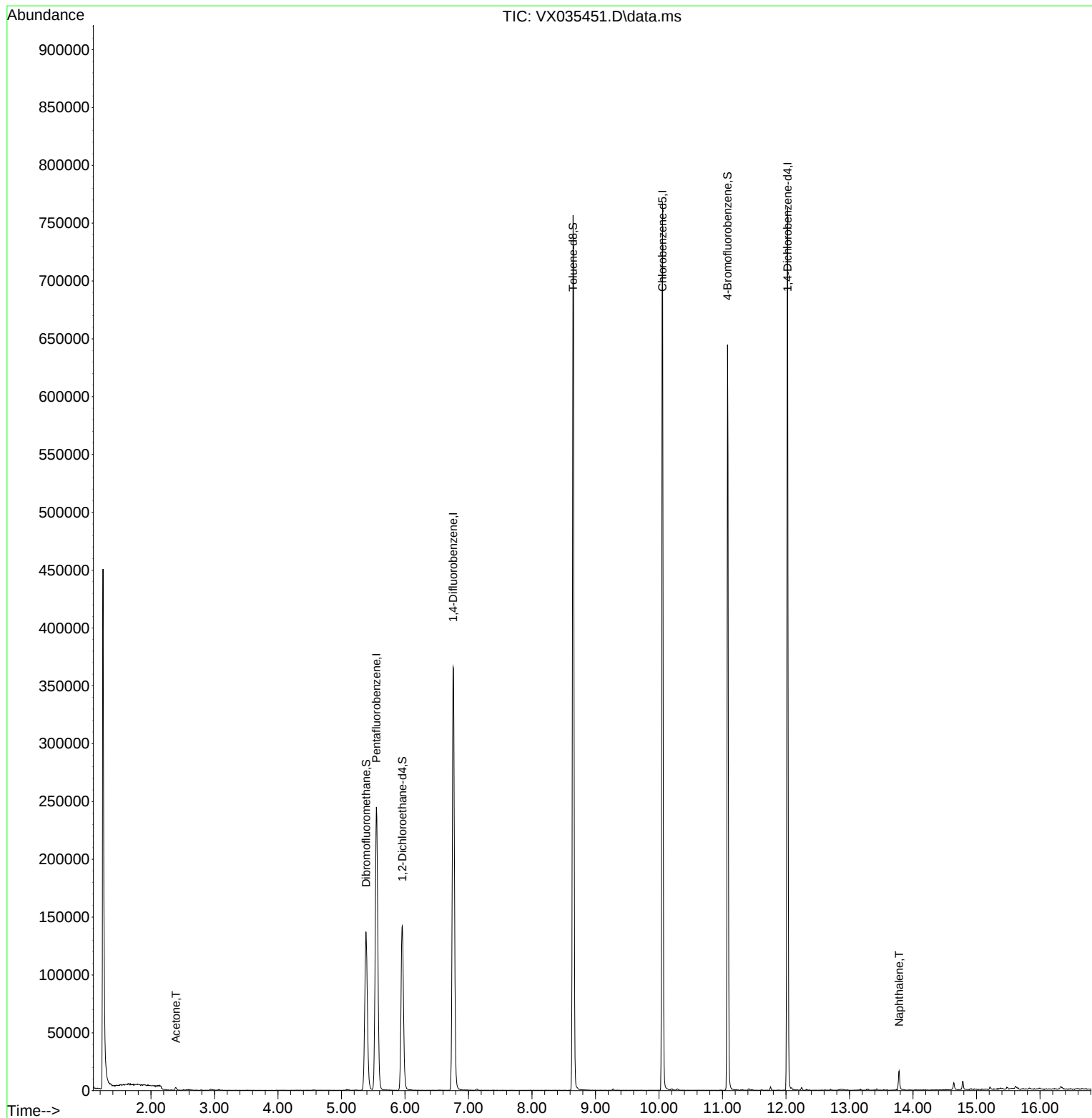
Internal Standards						
1) Pentafluorobenzene	5.550	168	244135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	392987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139348	47.311	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.620%
35) Dibromofluoromethane	5.385	113	120376	49.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.647	98	457620	50.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.580%
62) 4-Bromofluorobenzene	11.079	95	175652	51.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.640%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2493	1.949	ug/l	97
95) Naphthalene	13.780	128	13555	1.207	ug/l	99

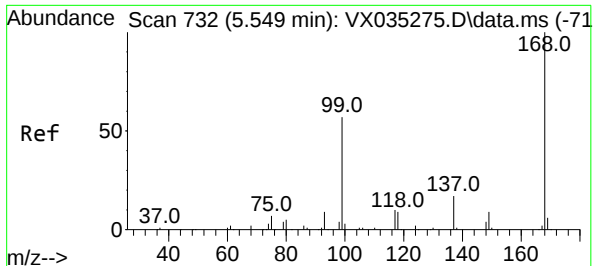
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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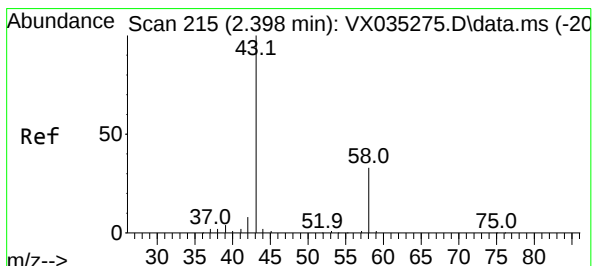
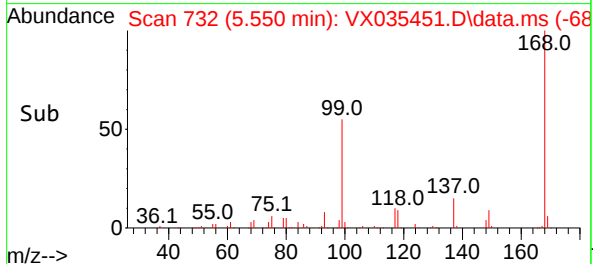
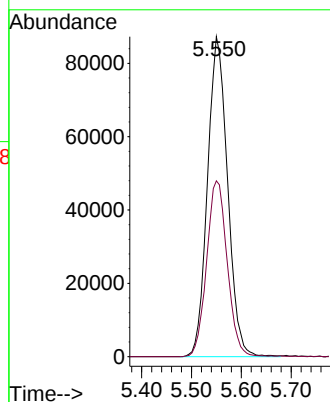
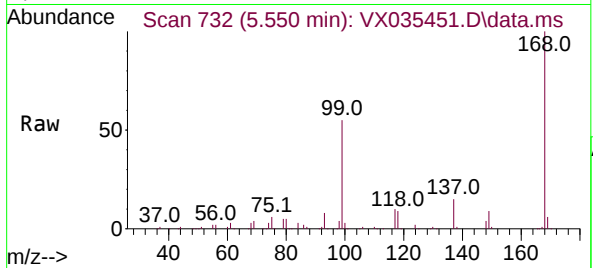




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

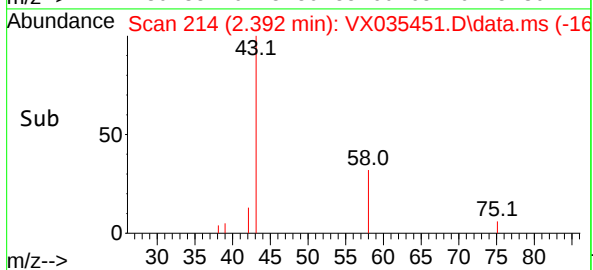
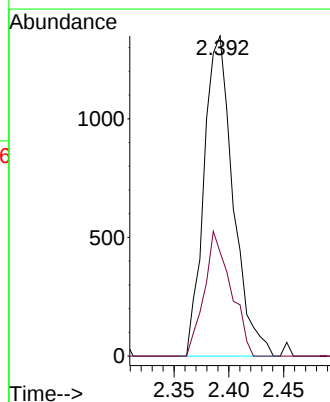
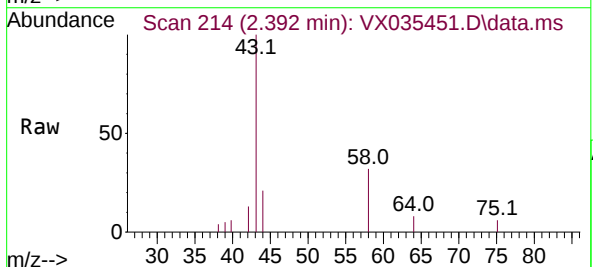
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

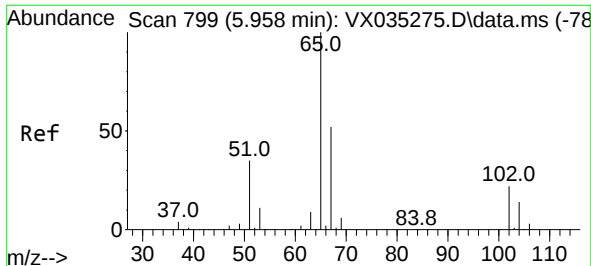
Tgt Ion:168 Resp: 244135
Ion Ratio Lower Upper
168 100
99 55.0 45.7 68.5



#16
Acetone
Concen: 1.949 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

Tgt Ion: 43 Resp: 2493
Ion Ratio Lower Upper
43 100
58 32.5 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 47.311 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035451.D

Acq: 01 May 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

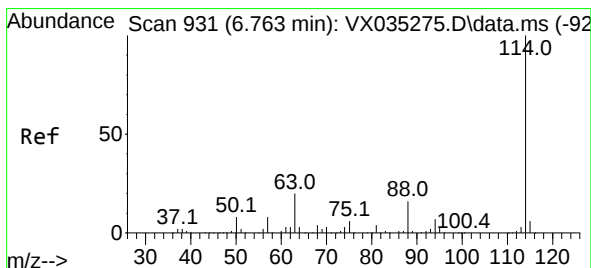
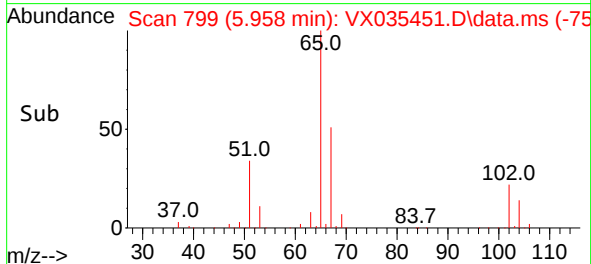
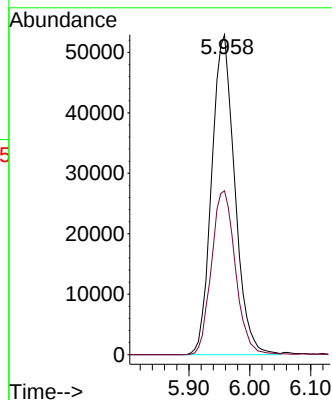
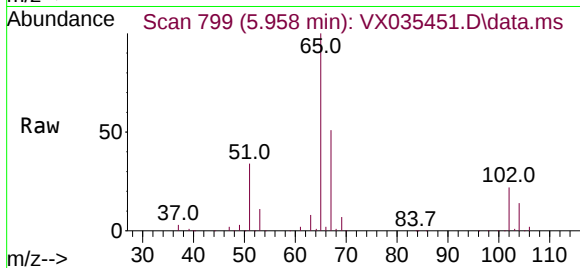
LEA-13I

Tgt Ion: 65 Resp: 139348

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035451.D

Acq: 01 May 2023 19:24

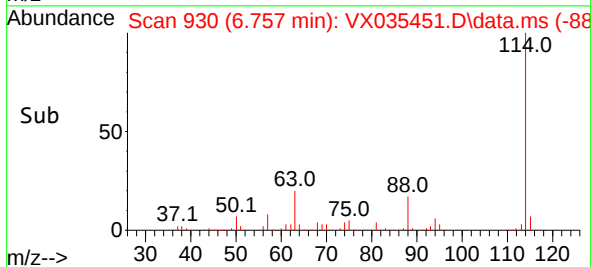
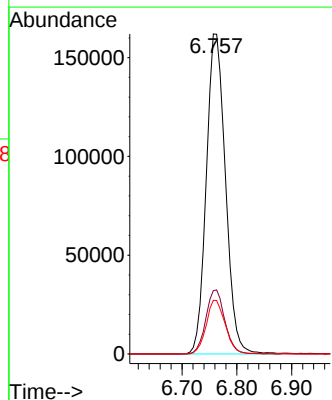
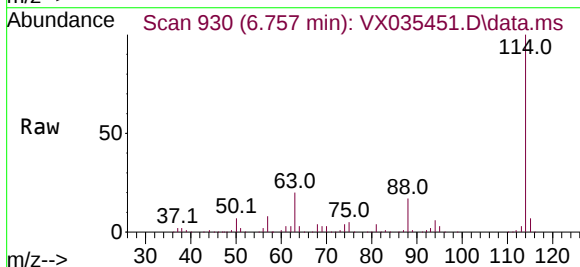
Tgt Ion: 114 Resp: 392987

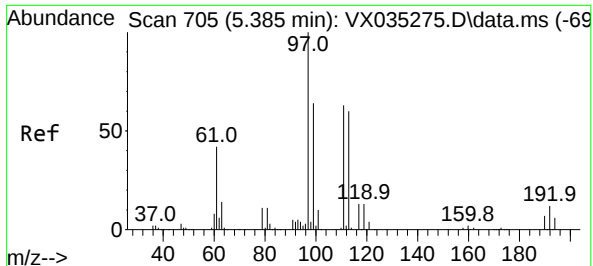
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

88 16.8 0.0 33.2

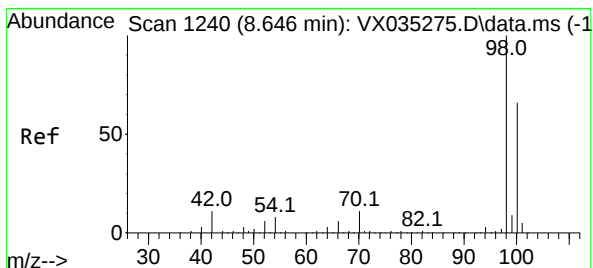
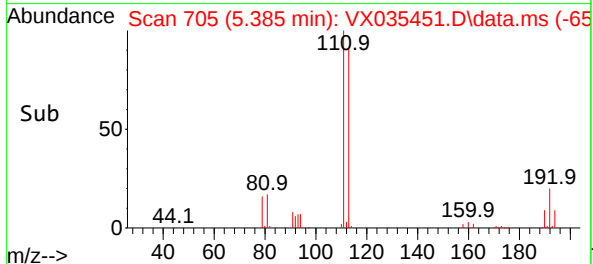
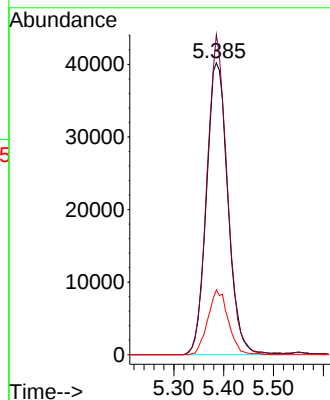
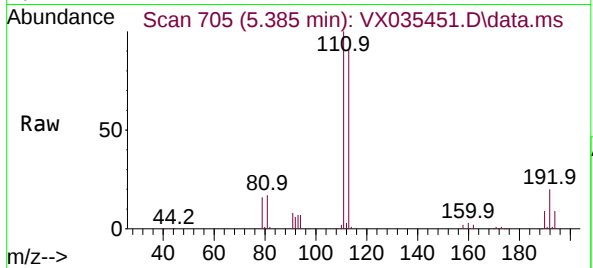




#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

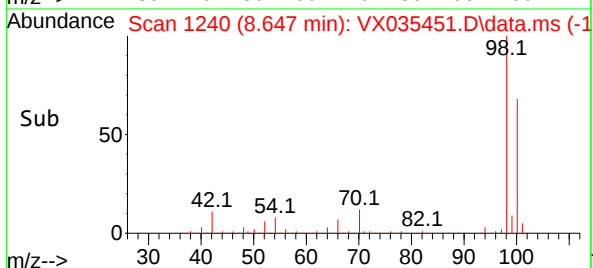
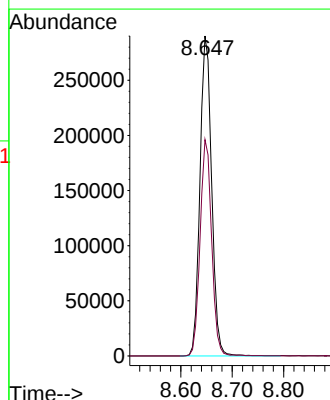
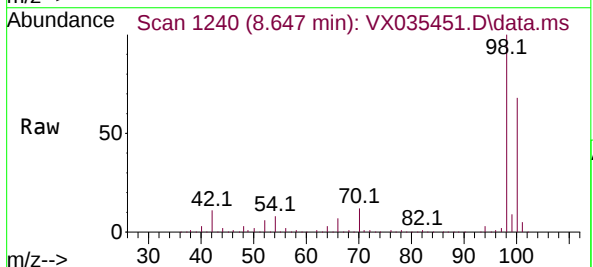
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

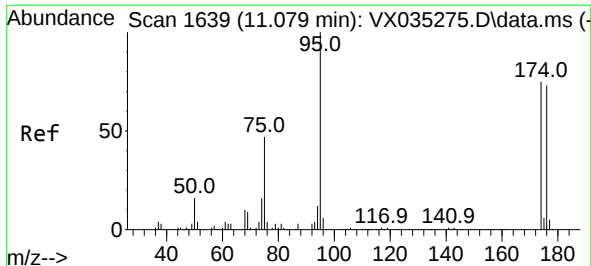
Tgt Ion:113 Resp: 120376
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 21.0 15.4 23.2



#50
Toluene-d8
Concen: 50.293 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

Tgt Ion: 98 Resp: 457620
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

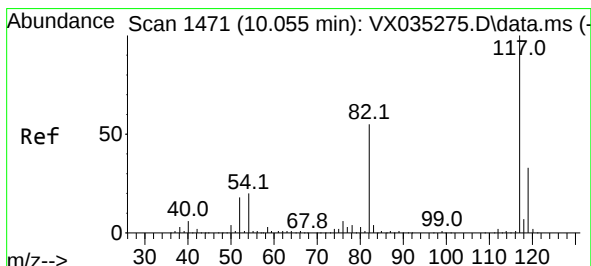
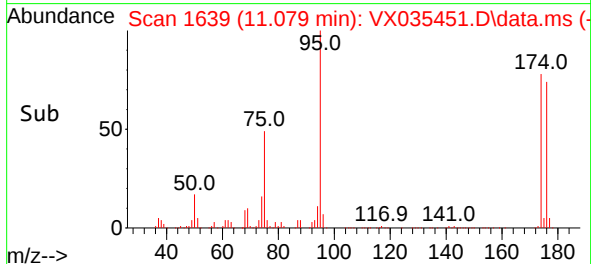
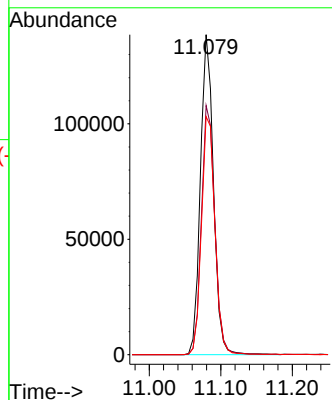
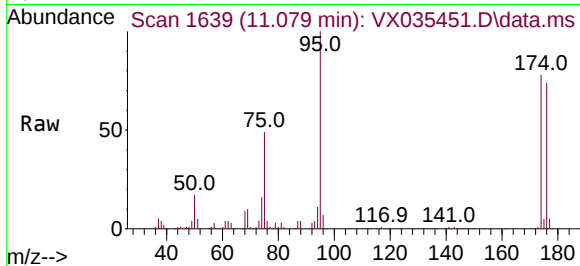




#62
4-Bromofluorobenzene
Concen: 51.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

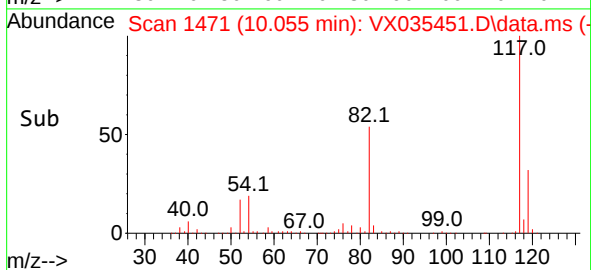
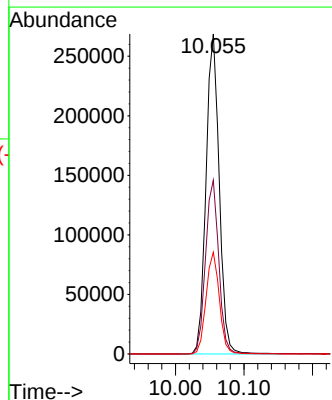
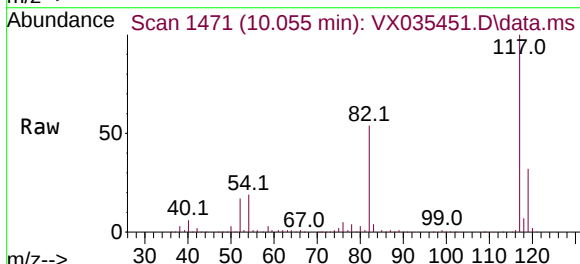
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

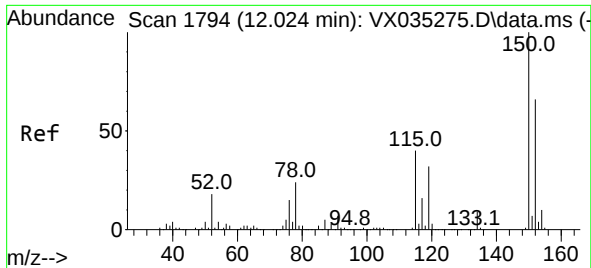
Tgt Ion: 95 Resp: 175652
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 76.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

Tgt Ion: 117 Resp: 360168
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.8 26.0 39.0

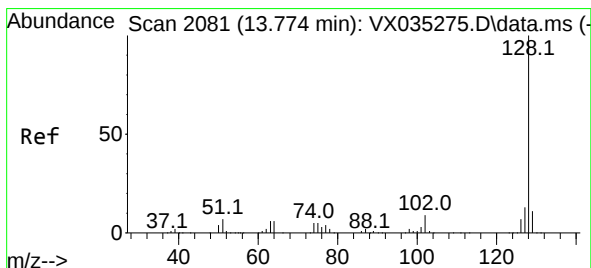
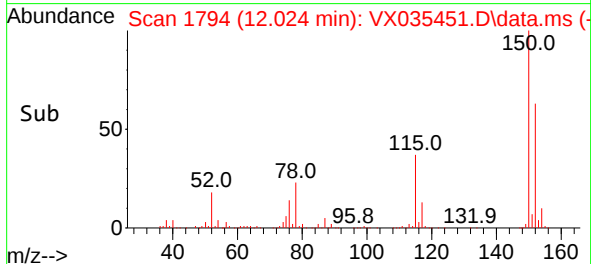
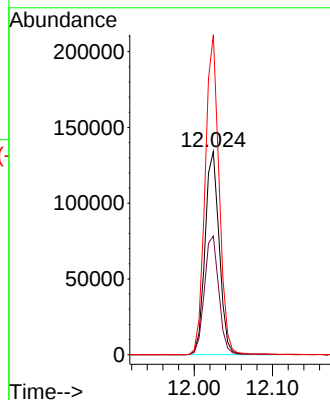
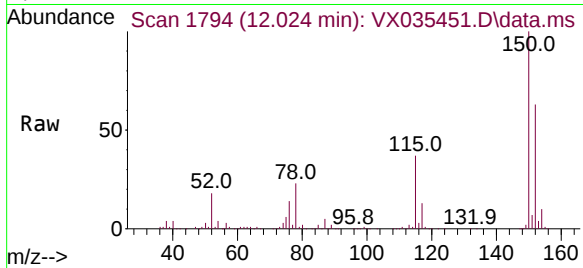




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

Tgt Ion:152 Resp: 168026
Ion Ratio Lower Upper
152 100
115 59.8 45.0 135.0
150 155.1 0.0 352.4



#95
Naphthalene
Concen: 1.207 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035451.D
Acq: 01 May 2023 19:24

Tgt Ion:128 Resp: 13555
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.7 8.6 13.0

