

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034301.D
 Acq On : 02 Mar 2023 11:59
 Operator : JC/MD
 Sample : 01759-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-2

Quant Time: Mar 03 00:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

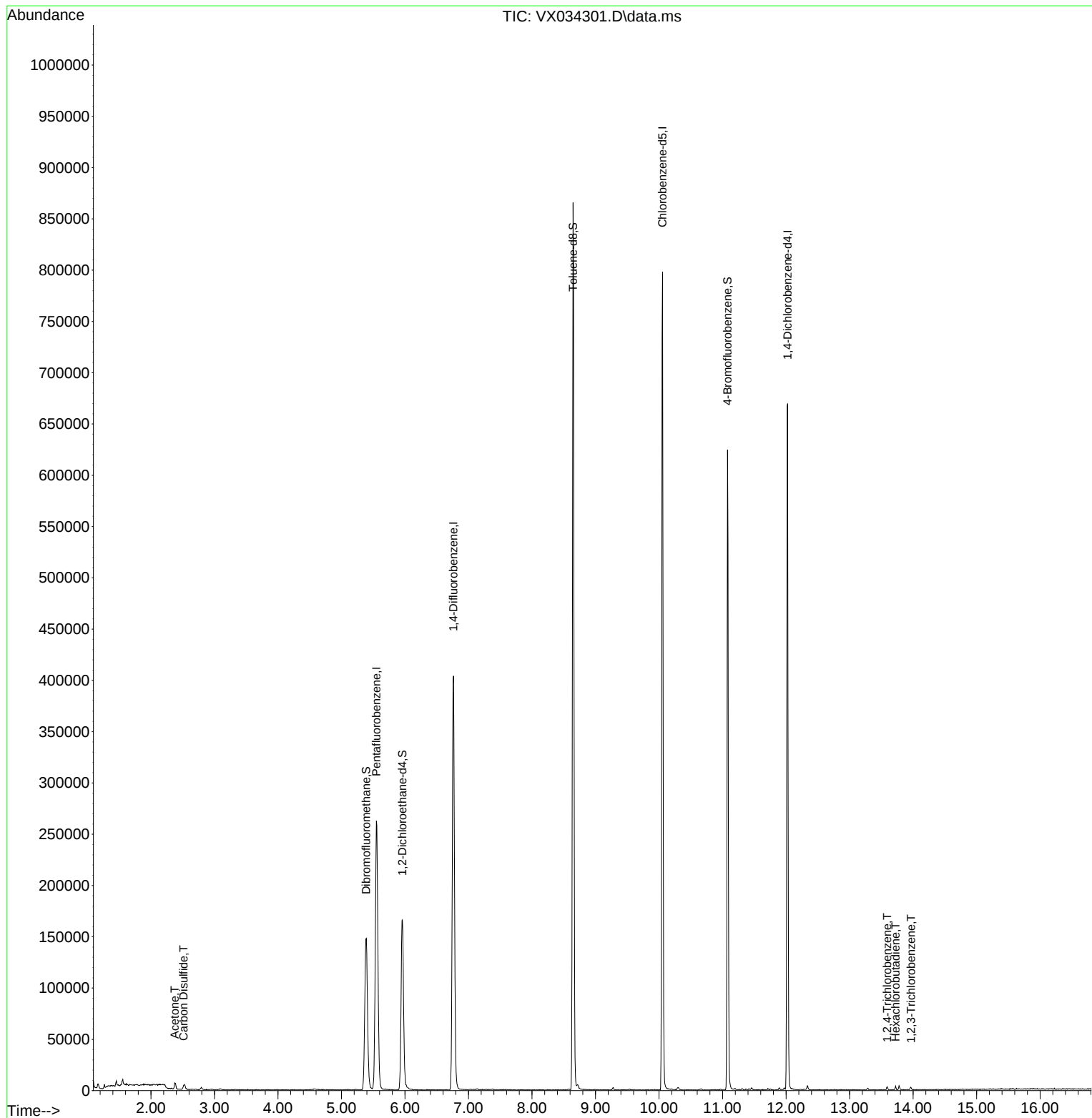
Internal Standards						
1) Pentafluorobenzene	5.550	168	260419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154959	44.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.360%
35) Dibromofluoromethane	5.385	113	133454	48.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	507457	51.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.079	95	163039	42.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.780%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	7045	3.894	ug/l	95
17) Carbon Disulfide	2.514	76	3466	0.428	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	948	0.296	ug/l	97
94) Hexachlorobutadiene	13.725	225	448	0.337	ug/l	73
96) 1,2,3-Trichlorobenzene	13.969	180	871	0.274	ug/l	97

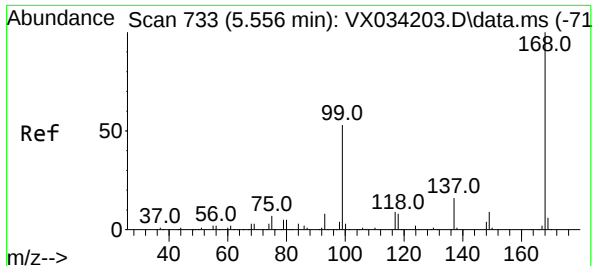
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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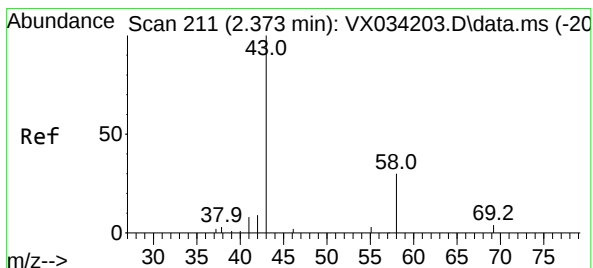
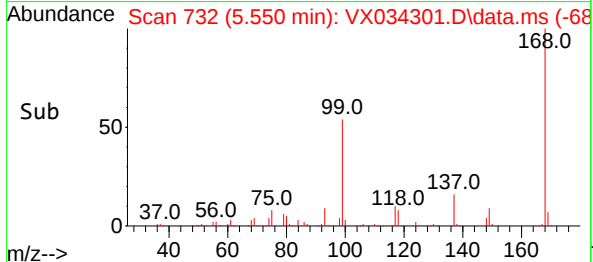
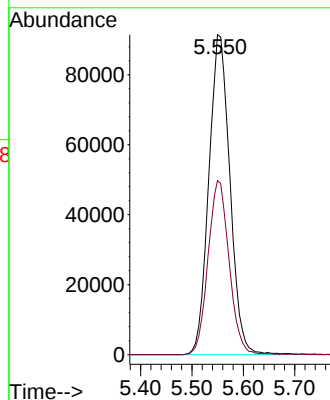
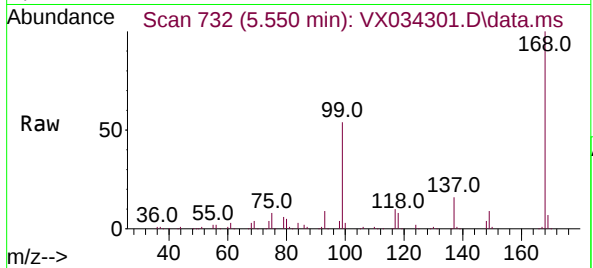




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

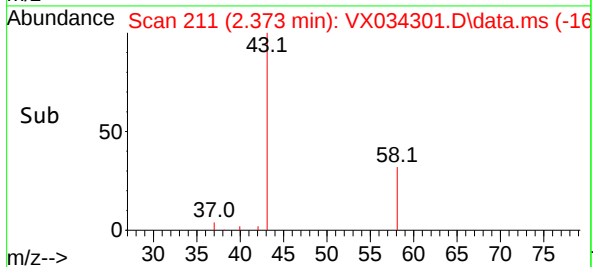
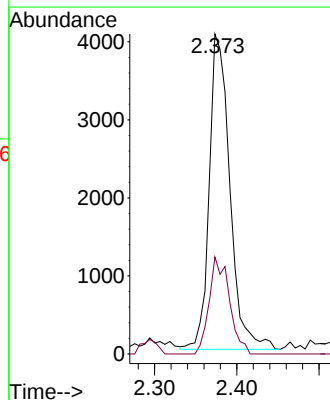
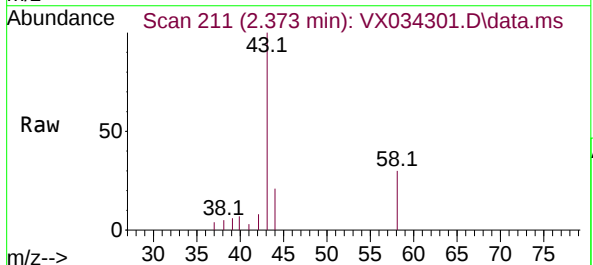
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

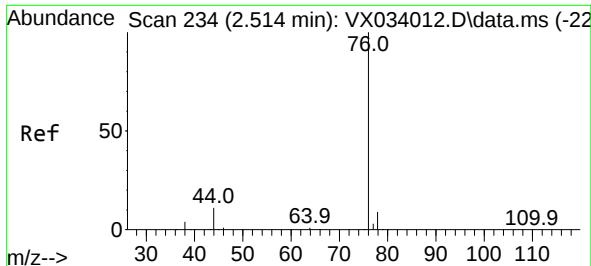
Tgt Ion:168 Resp: 260419
Ion Ratio Lower Upper
168 100
99 54.4 39.6 59.4



#16
Acetone
Concen: 3.894 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 43 Resp: 7045
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8

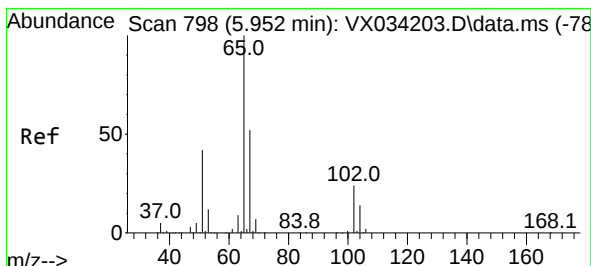
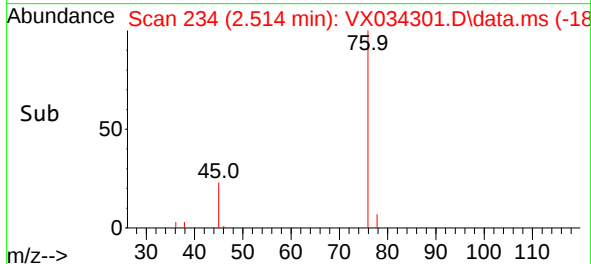
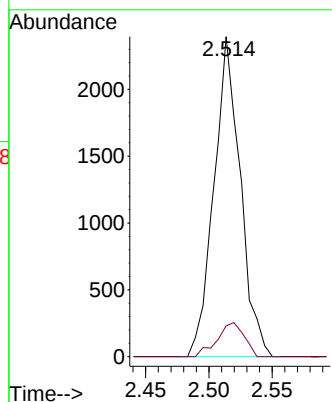
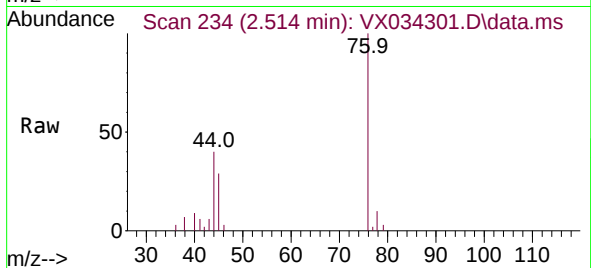




#17
Carbon Disulfide
Concen: 0.428 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

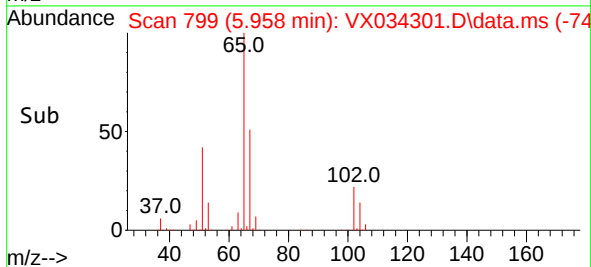
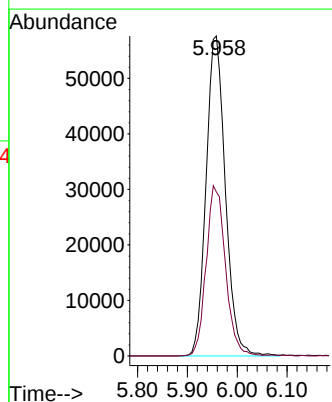
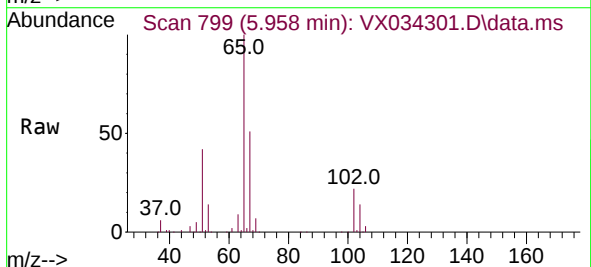
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

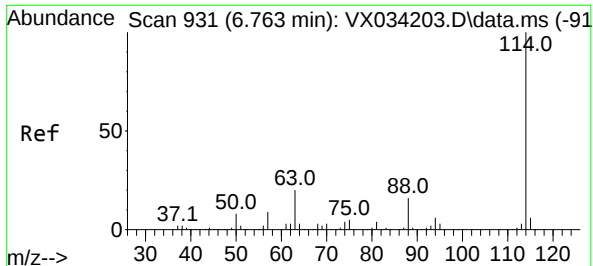
Tgt Ion: 76 Resp: 3466
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#33
1,2-Dichloroethane-d4
Concen: 44.183 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 65 Resp: 154959
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

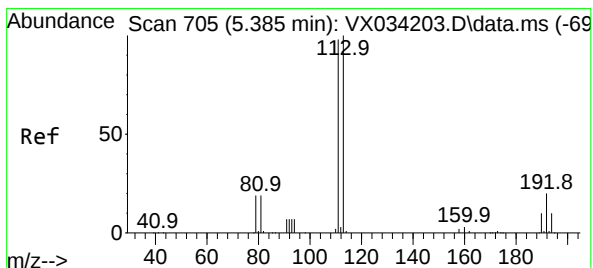
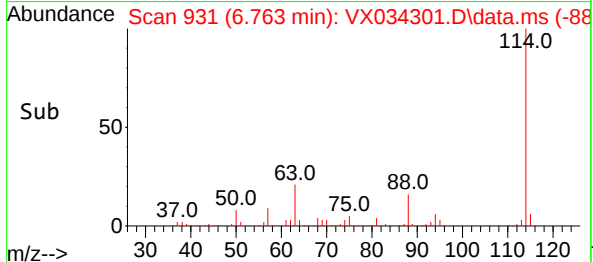
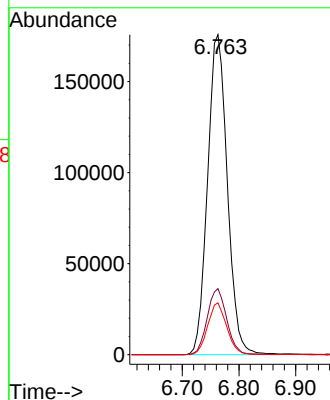
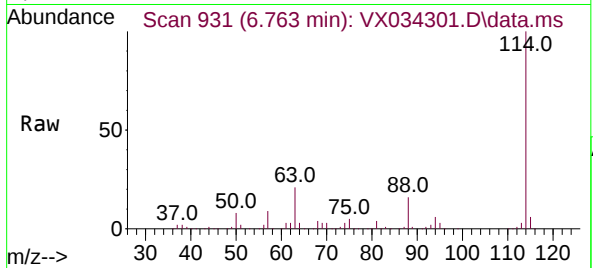




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

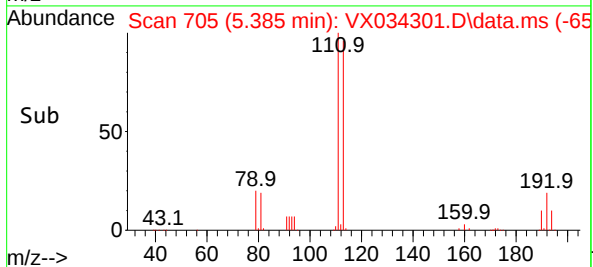
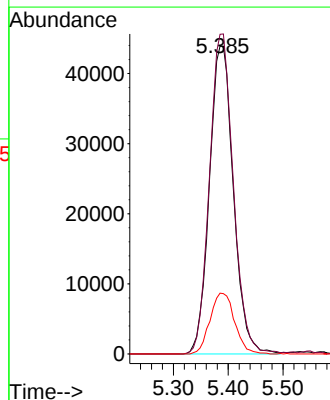
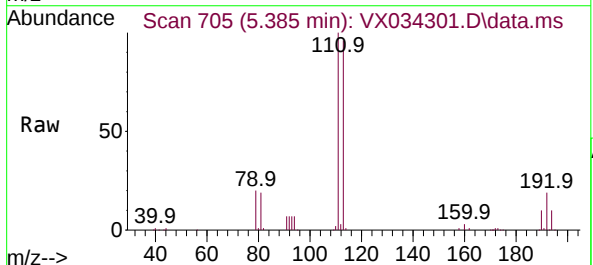
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

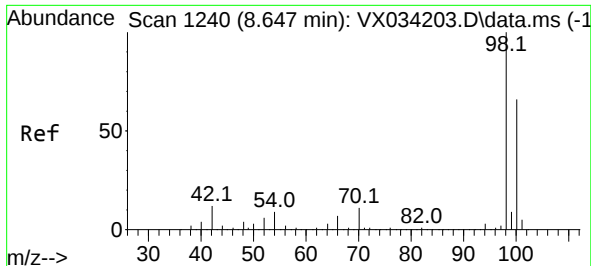
Tgt Ion:114 Resp: 425091
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion:113 Resp: 133454
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 20.2 19.0 28.4

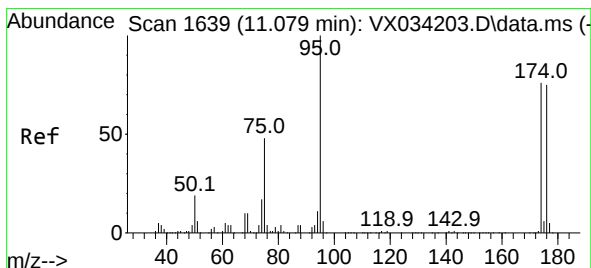
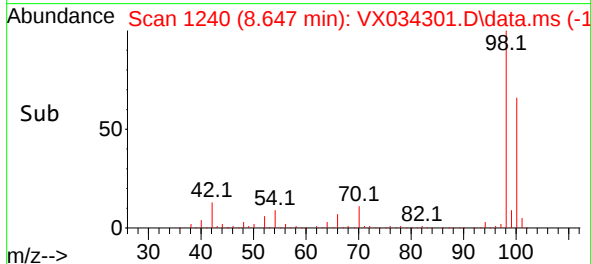
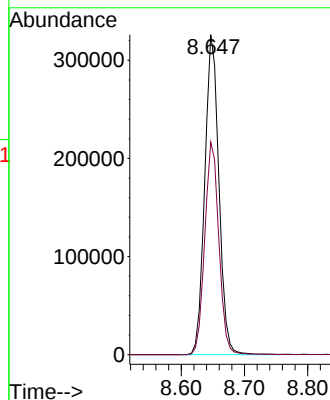
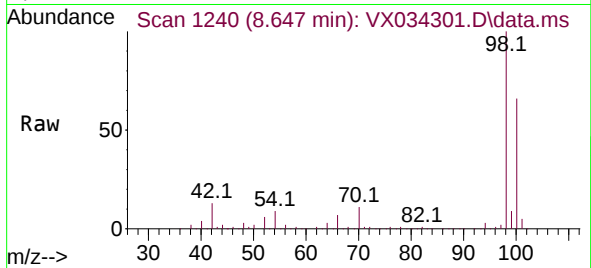




#50
Toluene-d8
Concen: 51.066 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

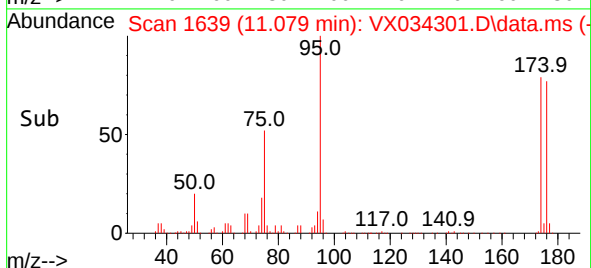
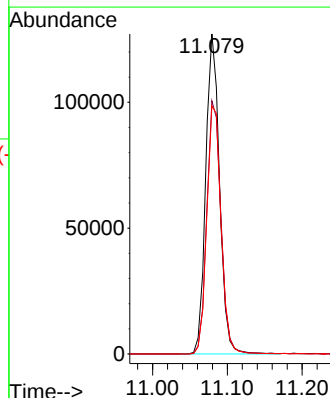
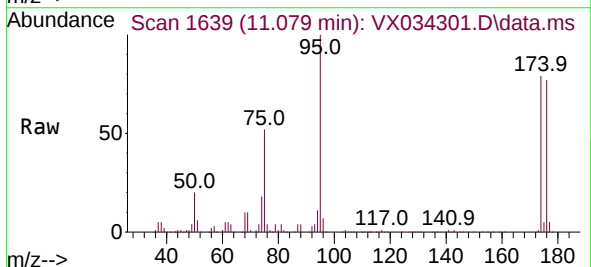
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

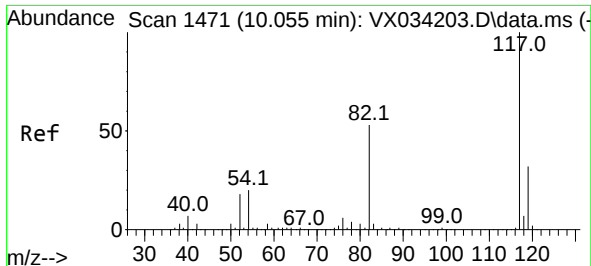
Tgt Ion: 98 Resp: 507457
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 42.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion: 95 Resp: 163039
Ion Ratio Lower Upper
95 100
174 81.3 0.0 184.4
176 80.2 0.0 178.8

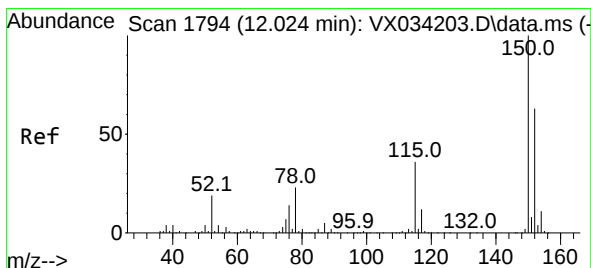
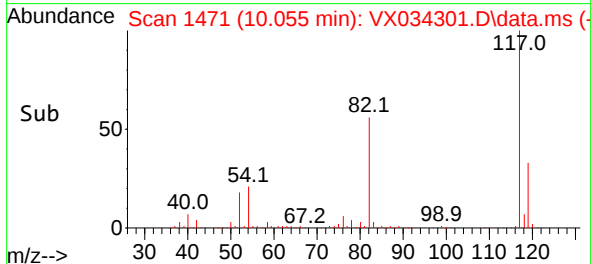
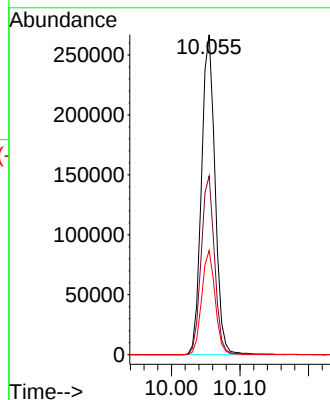
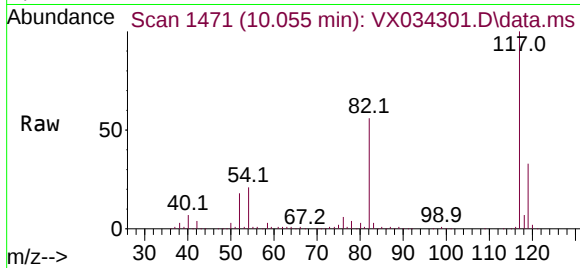




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

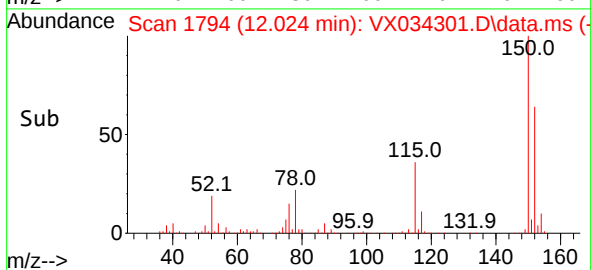
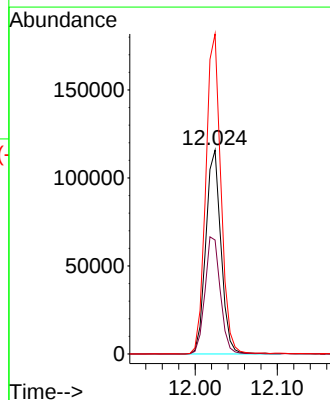
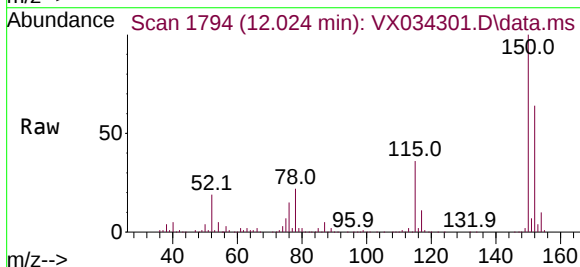
Instrument :
MSVOA_X
ClientSampleId :
DEP-2

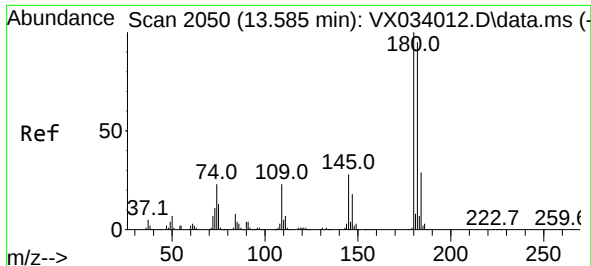
Tgt Ion:117 Resp: 368762
Ion Ratio Lower Upper
117 100
82 55.9 40.6 60.8
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034301.D
Acq: 02 Mar 2023 11:59

Tgt Ion:152 Resp: 148405
Ion Ratio Lower Upper
152 100
115 58.1 38.7 116.1
150 156.4 0.0 348.2





#93

1,2,4-Trichlorobenzene

Concen: 0.296 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

DEP-2

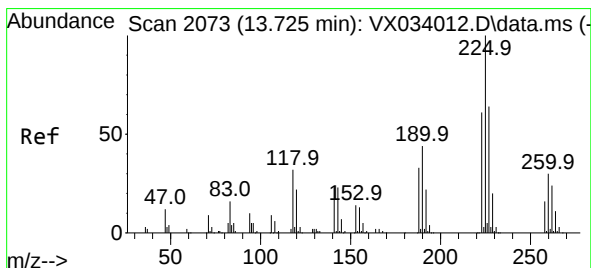
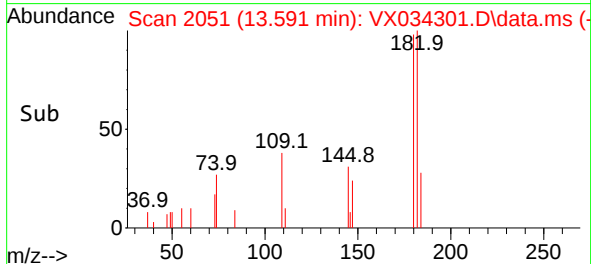
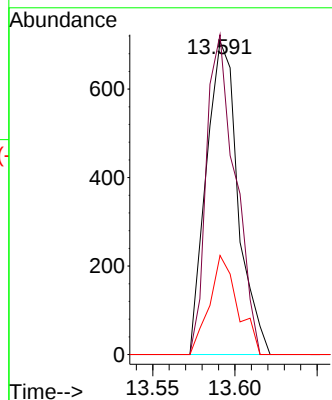
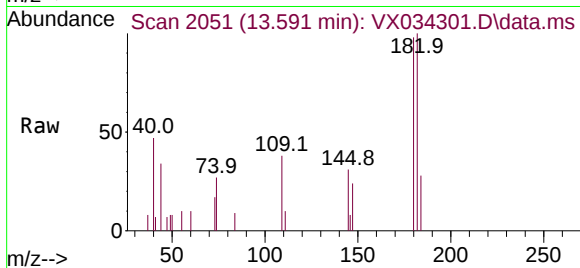
Tgt Ion:180 Resp: 948

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.6

145 28.3 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.337 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034301.D

Acq: 02 Mar 2023 11:59

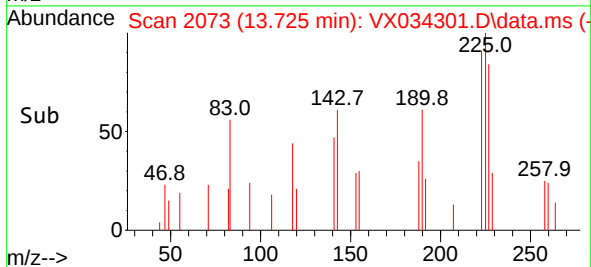
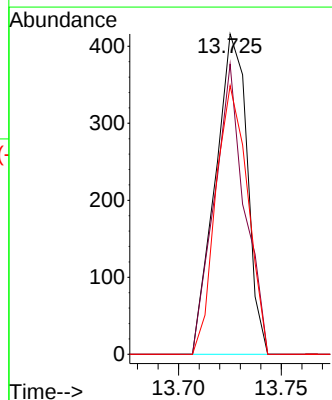
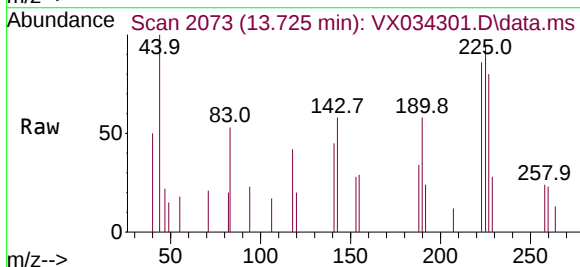
Tgt Ion:225 Resp: 448

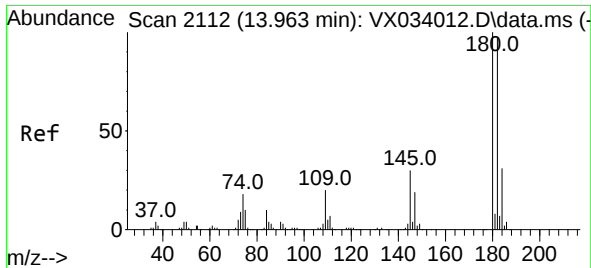
Ion Ratio Lower Upper

225 100

223 85.7 31.3 93.9

227 84.2 32.3 96.9





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX034301.D
 Acq: 02 Mar 2023 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-2

Tgt Ion:180 Resp: 871
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.6 142.9
 145 28.7 15.1 45.3

