

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040523\
 Data File : VX034945.D
 Acq On : 05 Apr 2023 11:50
 Operator : JC/MD
 Sample : 02190-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3

Quant Time: Apr 06 02:12:00 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)

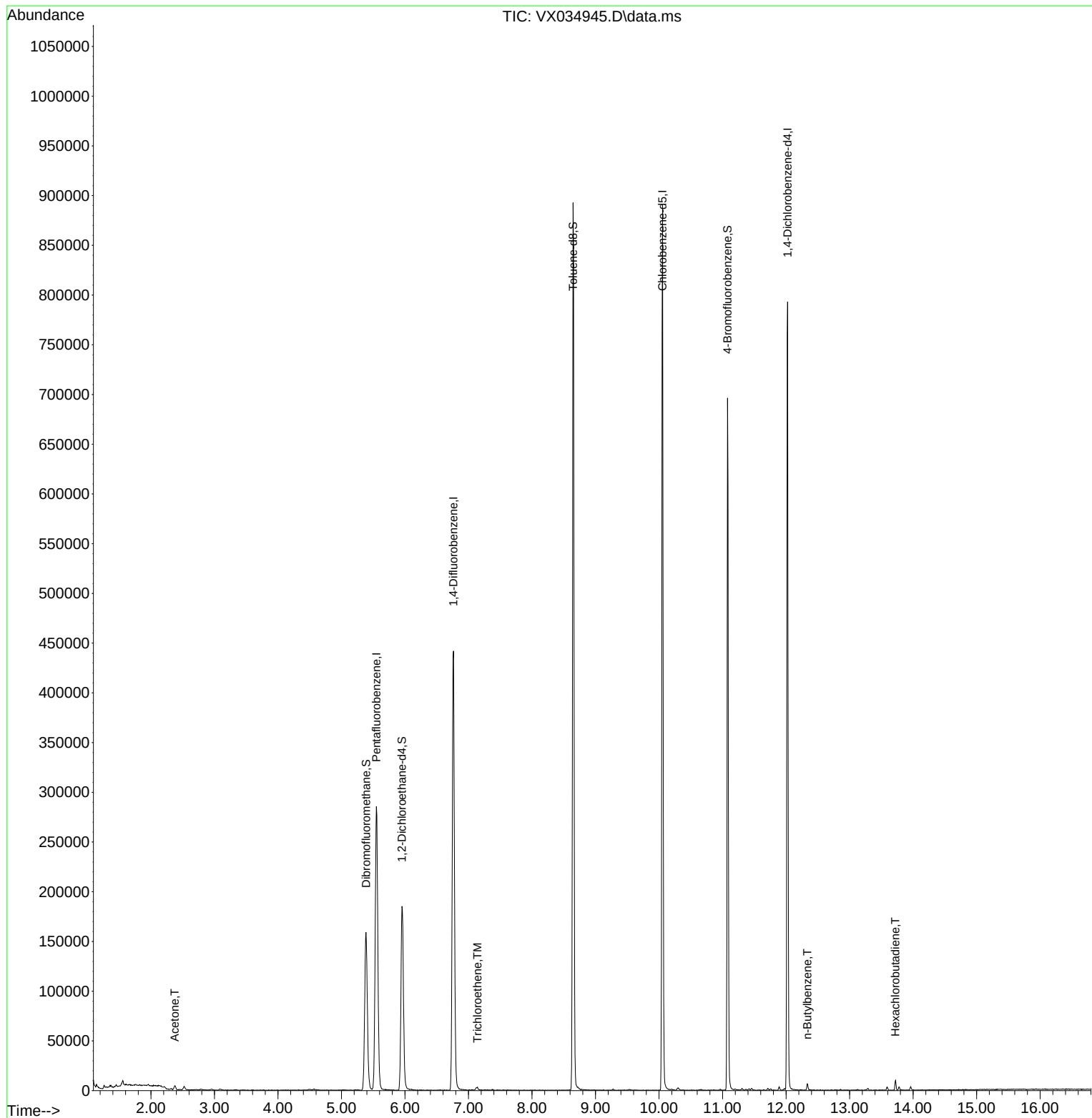
Internal Standards						
1) Pentafluorobenzene	5.550	168	258296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	433266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189130	47.878	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.760%
35) Dibromofluoromethane	5.385	113	139221	48.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.647	98	517637	48.938	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	188897	46.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	4580	2.854	ug/l	92
44) Trichloroethene	7.141	130	1170	0.376	ug/l	71
89) n-Butylbenzene	12.335	91	2459	0.301	ug/l	87
94) Hexachlorobutadiene	13.719	225	1271	0.964	ug/l	91

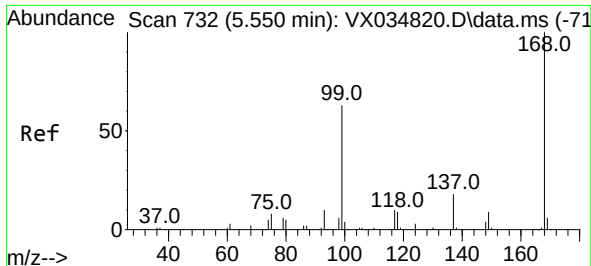
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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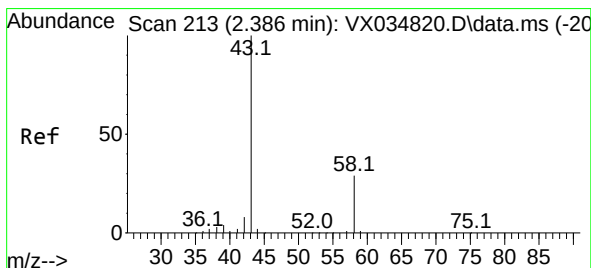
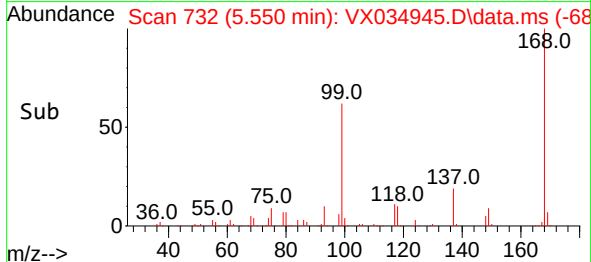
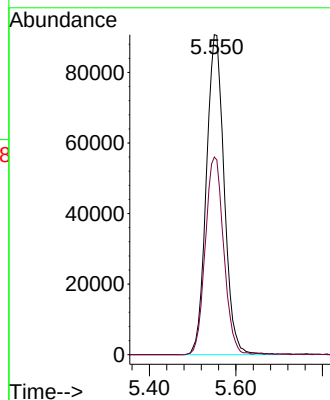
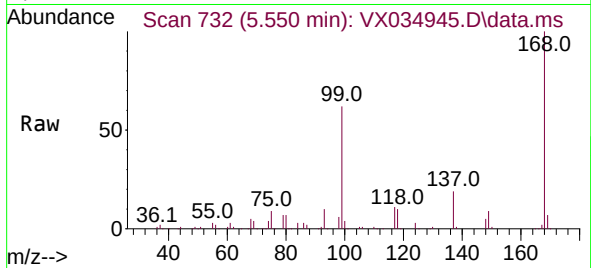




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

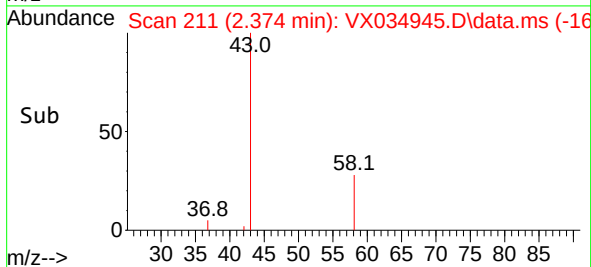
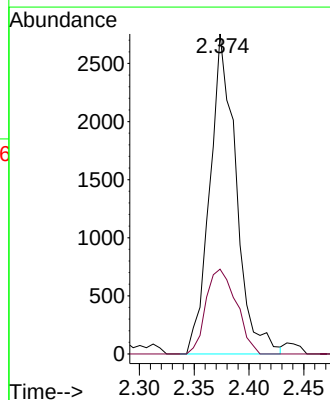
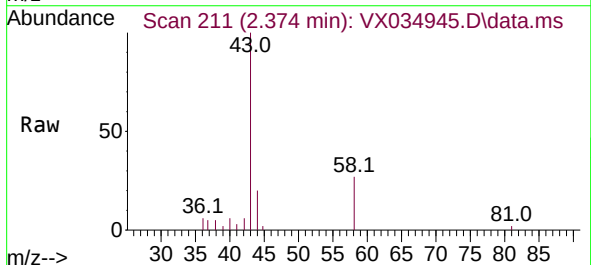
Instrument :
MSVOA_X
ClientSampleId :
SY-3

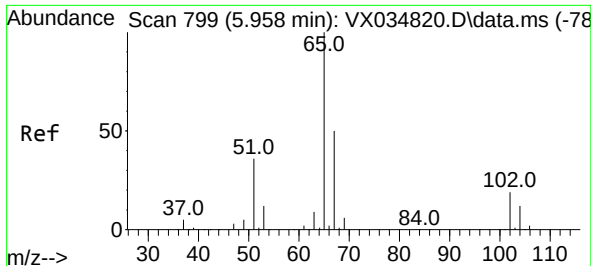
Tgt Ion:168 Resp: 258296
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5



#16
Acetone
Concen: 2.854 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

Tgt Ion: 43 Resp: 4580
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034945.D

Acq: 05 Apr 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

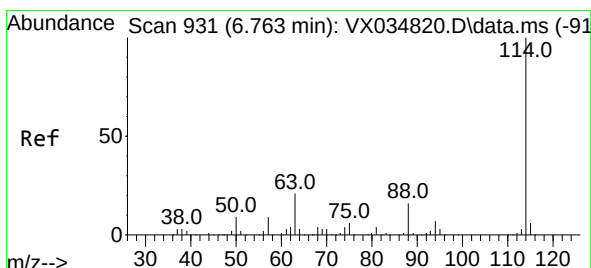
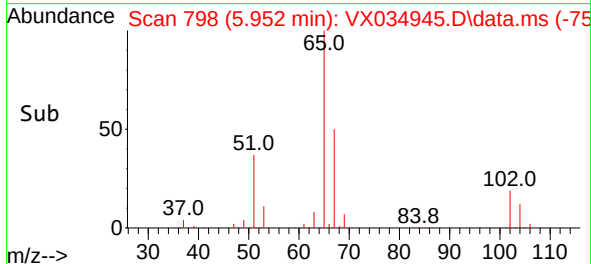
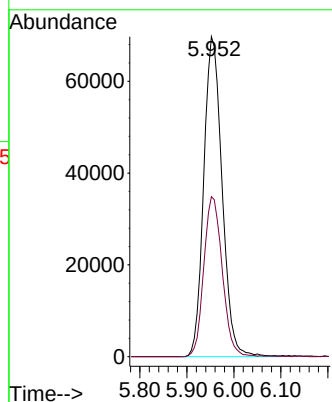
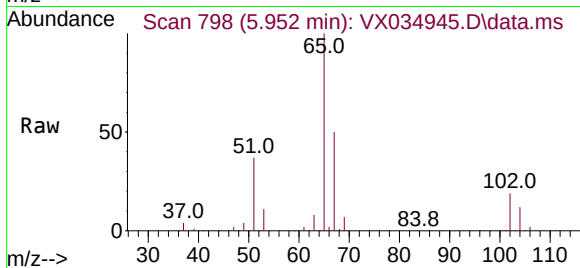
SY-3

Tgt Ion: 65 Resp: 189130

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034945.D

Acq: 05 Apr 2023 11:50

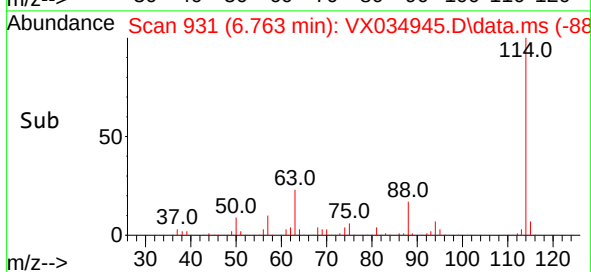
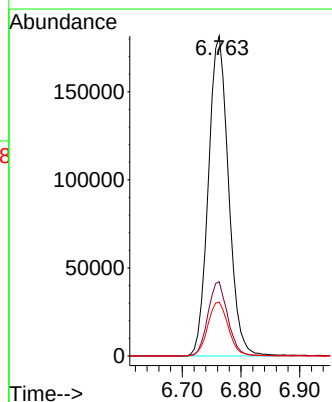
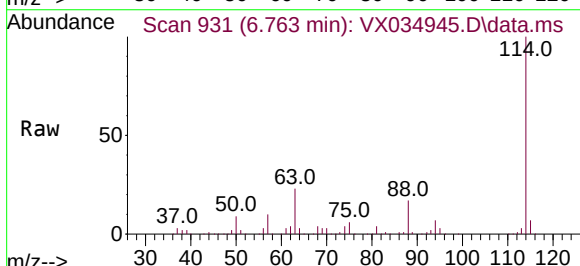
Tgt Ion: 114 Resp: 433266

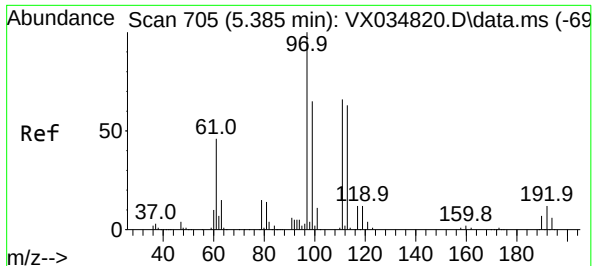
Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.2

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.582 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034945.D

Acq: 05 Apr 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

SY-3

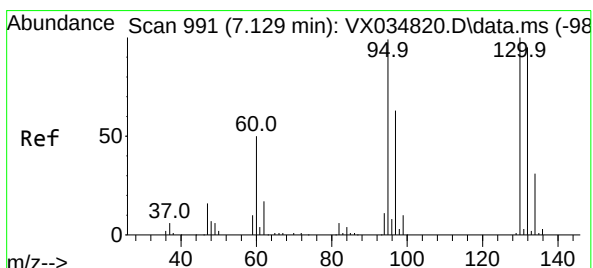
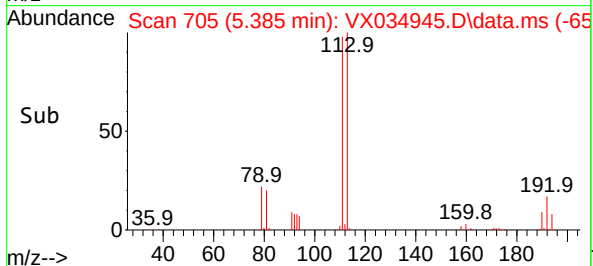
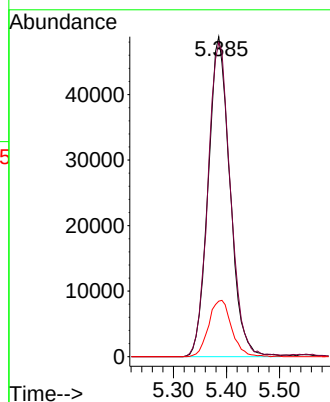
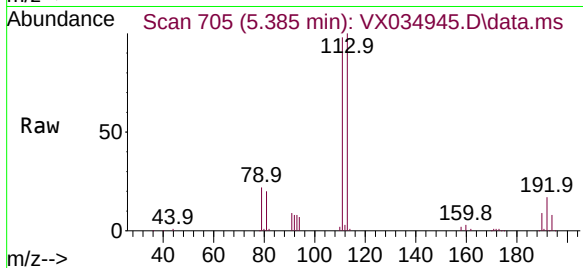
Tgt Ion:113 Resp: 139221

Ion Ratio Lower Upper

113 100

111 101.7 83.7 125.5

192 18.6 15.4 23.2



#44

Trichloroethene

Concen: 0.376 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX034945.D

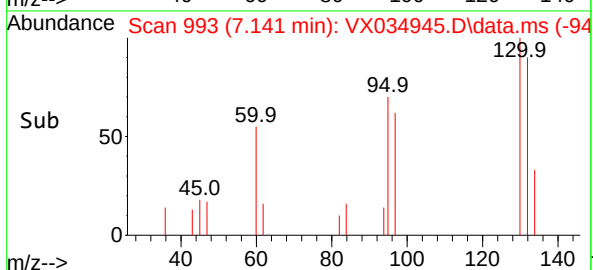
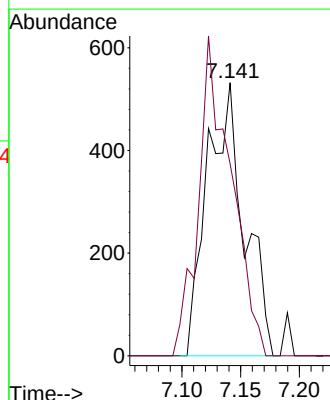
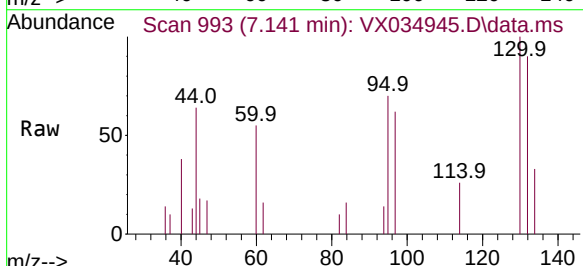
Acq: 05 Apr 2023 11:50

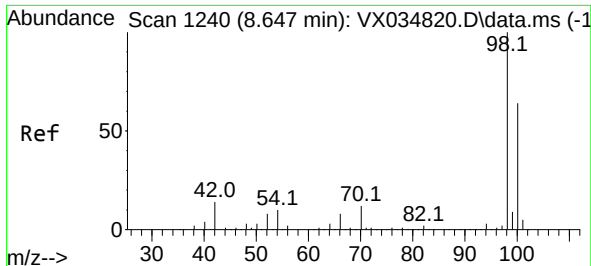
Tgt Ion:130 Resp: 1170

Ion Ratio Lower Upper

130 100

95 70.3 0.0 198.4

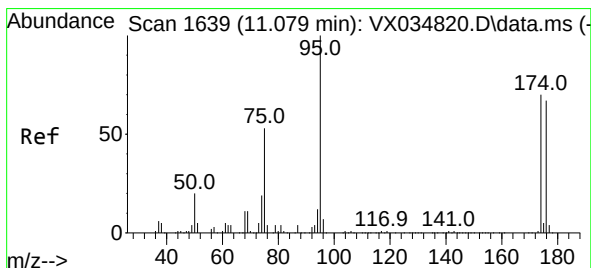
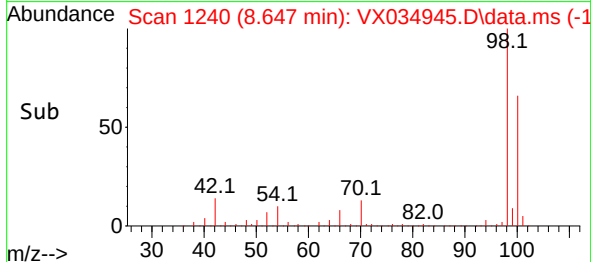
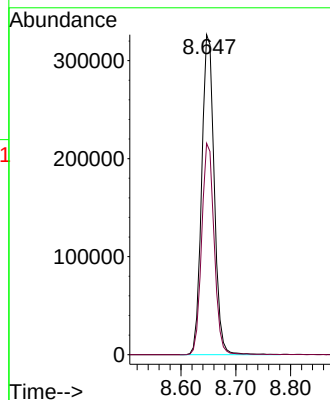
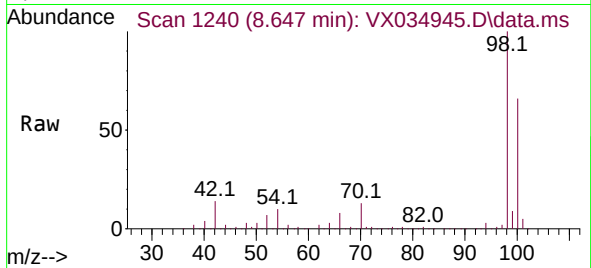




#50
Toluene-d8
Concen: 48.938 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

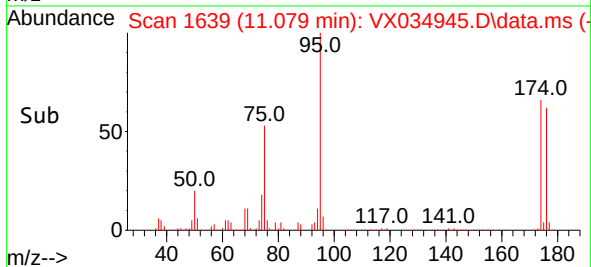
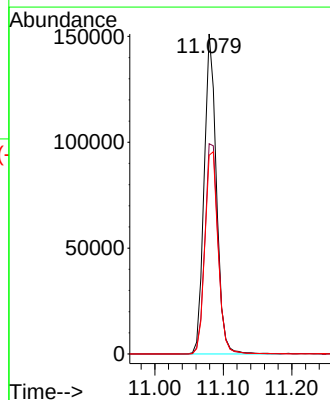
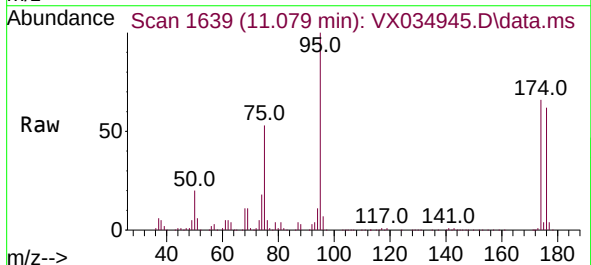
Instrument :
MSVOA_X
ClientSampleId :
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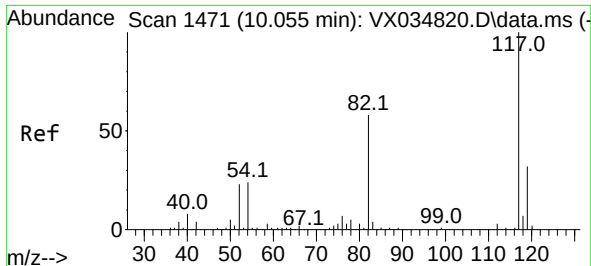
Tgt Ion: 98 Resp: 517637
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

Tgt Ion: 95 Resp: 188897
Ion Ratio Lower Upper
95 100
174 70.8 0.0 147.4
176 68.2 0.0 140.6

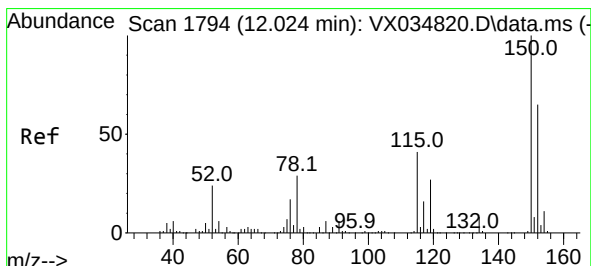
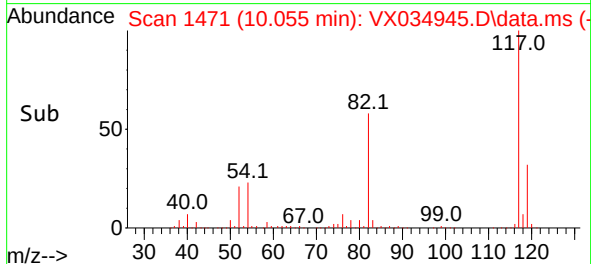
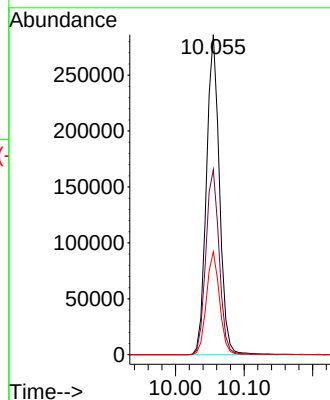
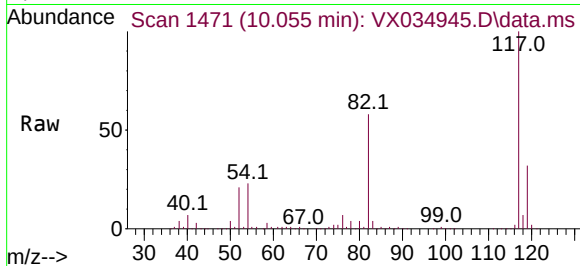




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

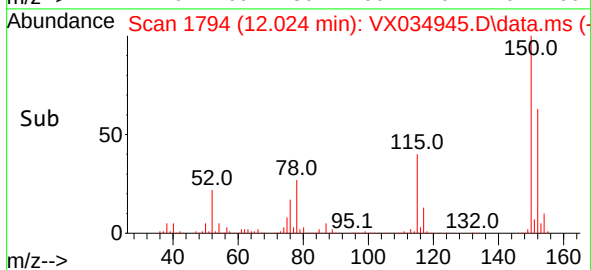
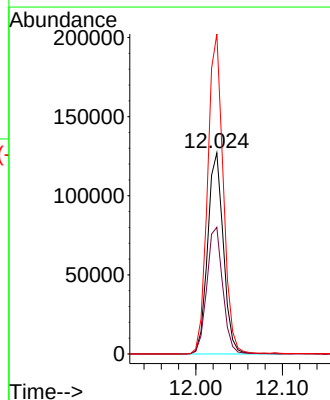
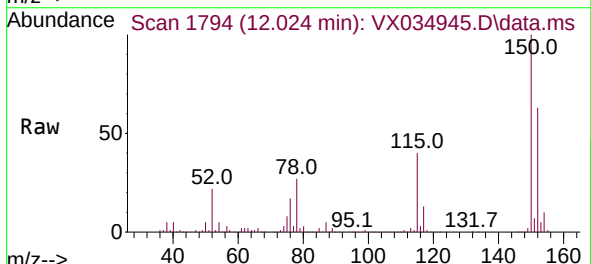
Instrument :
MSVOA_X
ClientSampleId :
SY-3

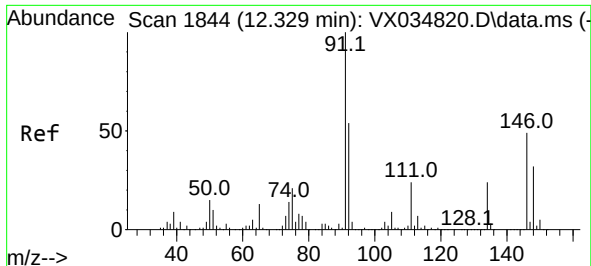
Tgt Ion:117 Resp: 377790
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034945.D
Acq: 05 Apr 2023 11:50

Tgt Ion:152 Resp: 160113
Ion Ratio Lower Upper
152 100
115 64.0 45.0 135.0
150 157.9 0.0 352.4





#89

n-Butylbenzene

Concen: 0.301 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034945.D

Acq: 05 Apr 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

SY-3

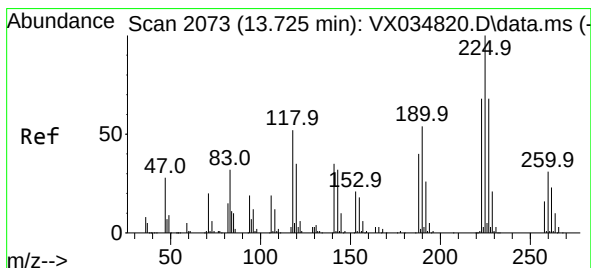
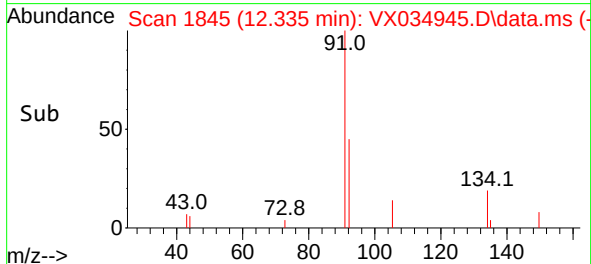
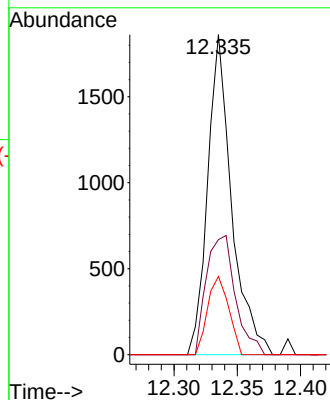
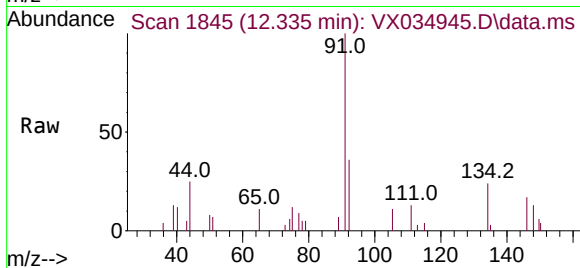
Tgt Ion: 91 Resp: 2459

Ion Ratio Lower Upper

91 100

92 44.9 27.7 83.0

134 21.4 13.0 38.9



#94

Hexachlorobutadiene

Concen: 0.964 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX034945.D

Acq: 05 Apr 2023 11:50

Tgt Ion: 225 Resp: 1271

Ion Ratio Lower Upper

225 100

223 62.0 32.1 96.5

227 75.6 31.8 95.4

