

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031060.D
 Acq On : 02 Sep 2022 12:31
 Operator : JC/MD
 Sample : N4298-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

Quant Time: Sep 03 00:48:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

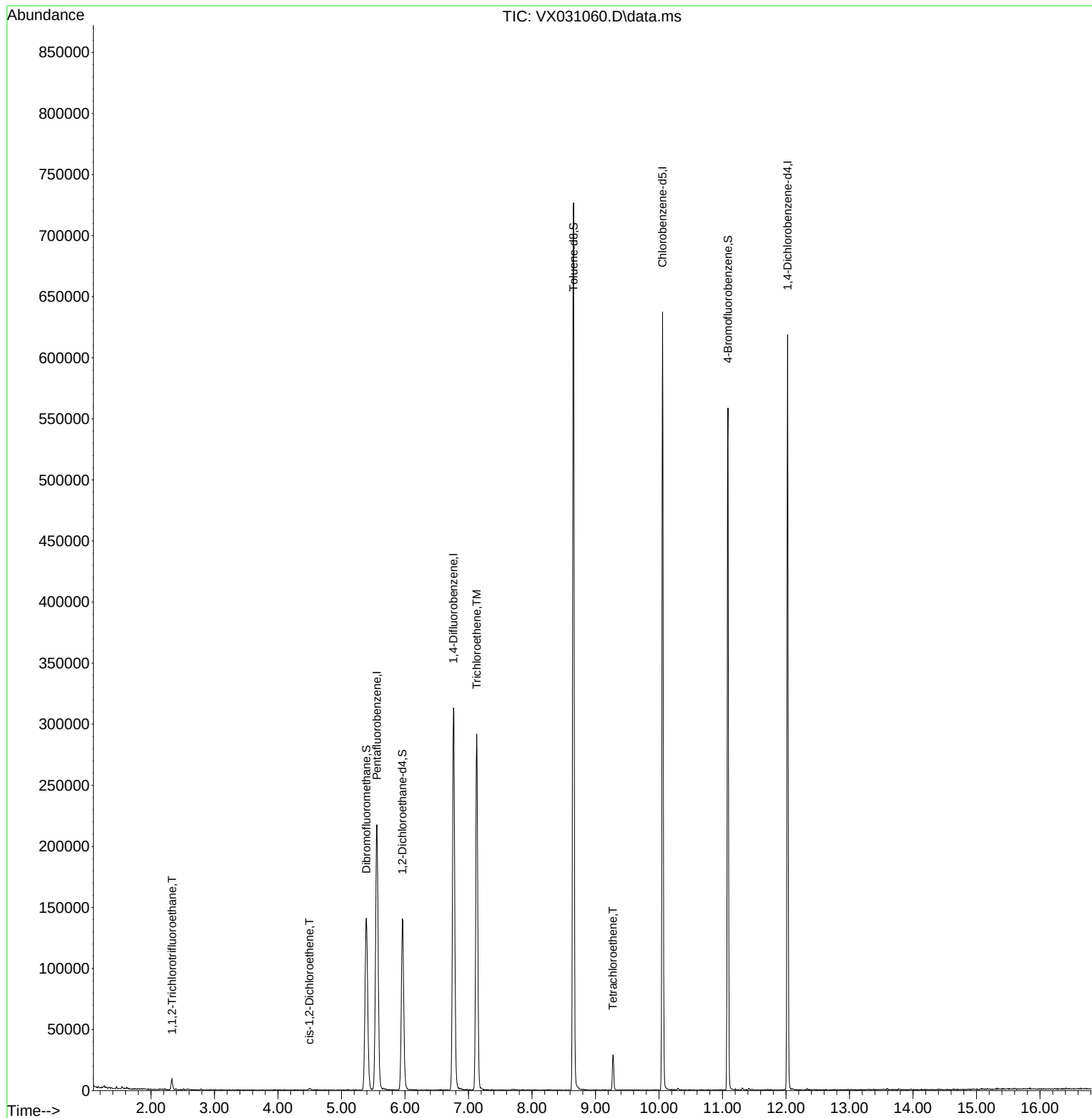
Internal Standards						
1) Pentafluorobenzene	5.556	168	224901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134705	46.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.100%
35) Dibromofluoromethane	5.391	113	130561	50.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	8.653	98	472133	49.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.086	95	158008	46.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3119	1.153	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	1073	0.329	ug/l	85
44) Trichloroethene	7.129	130	123665	37.311	ug/l	100
64) Tetrachloroethene	9.275	164	6002	1.887	ug/l	94

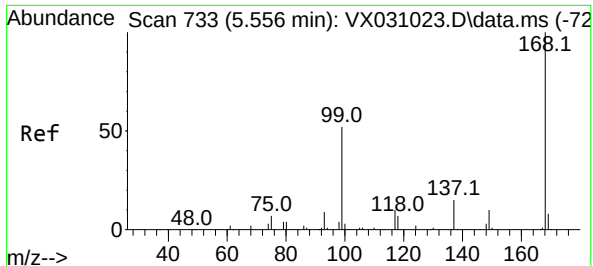
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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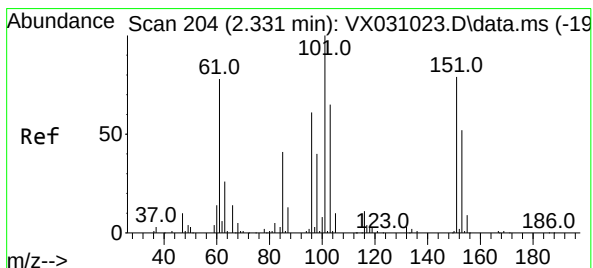
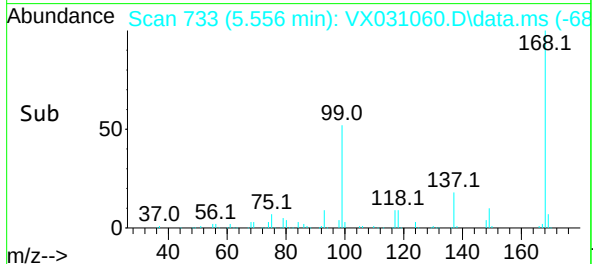
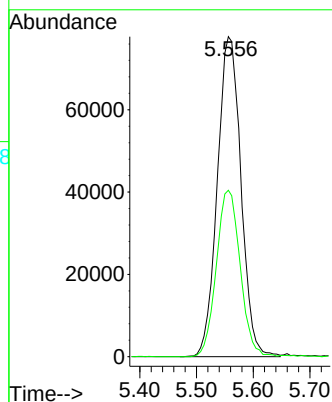
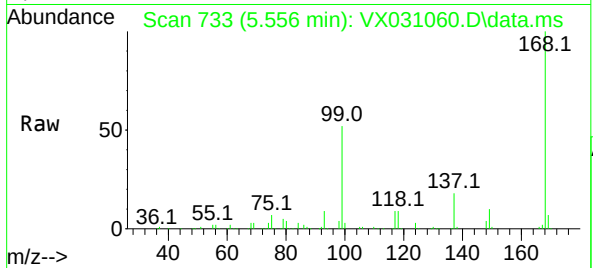




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

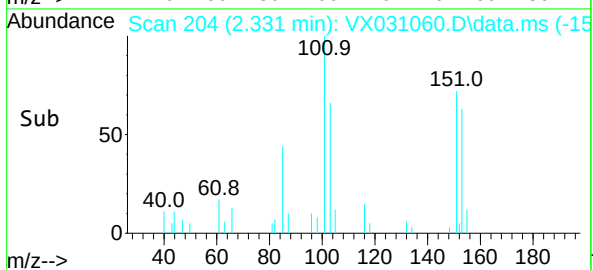
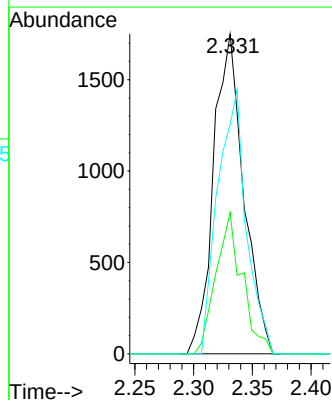
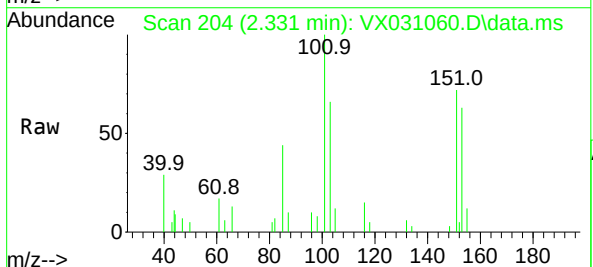
Instrument :
MSVOA_X
ClientSampleId :
MDL03

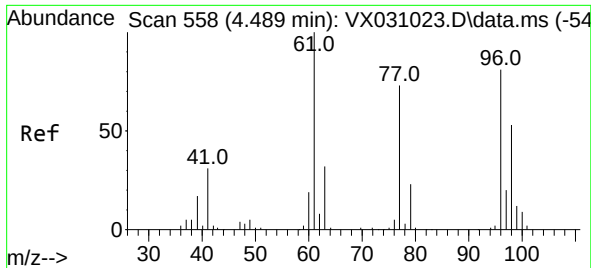
Tgt Ion:168 Resp: 224901
Ion Ratio Lower Upper
168 100
99 52.0 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.153 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

Tgt Ion:101 Resp: 3119
Ion Ratio Lower Upper
101 100
85 38.6 34.0 51.0
151 78.4 59.4 89.0





#27

cis-1,2-Dichloroethene

Concen: 0.329 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031060.D

Acq: 02 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

MDL03

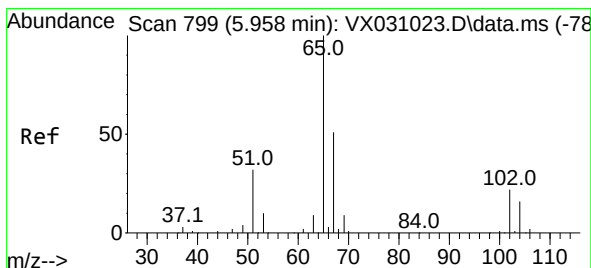
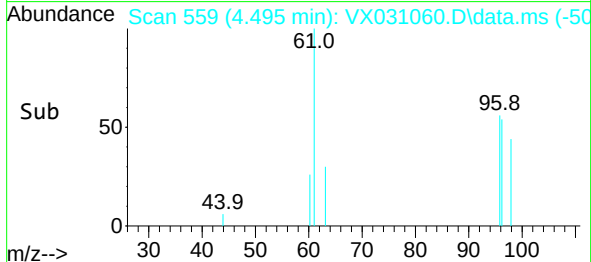
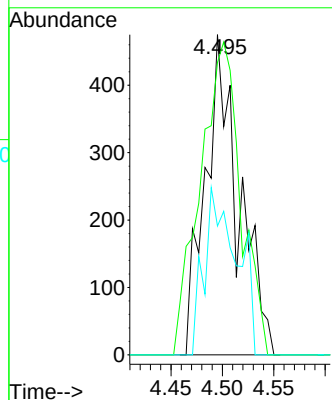
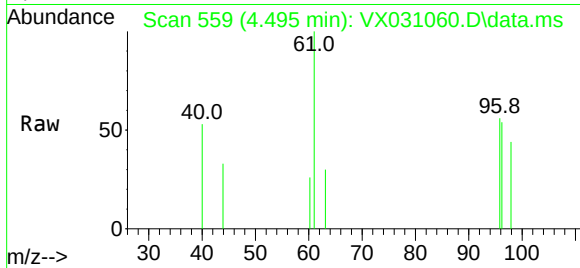
Tgt Ion: 96 Resp: 1073

Ion Ratio Lower Upper

96 100

61 118.5 0.0 270.0

98 50.8 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 46.550 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031060.D

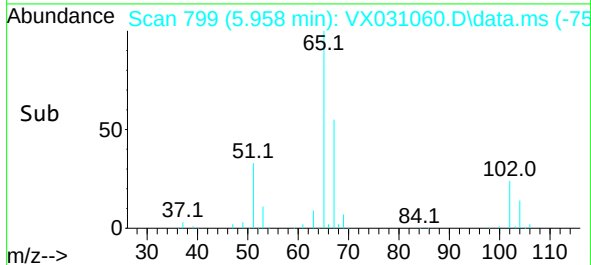
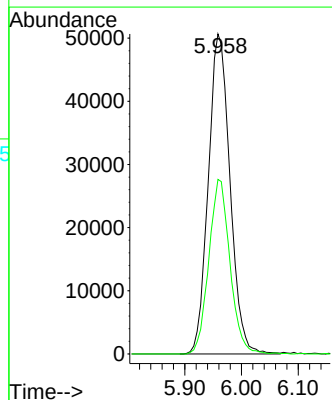
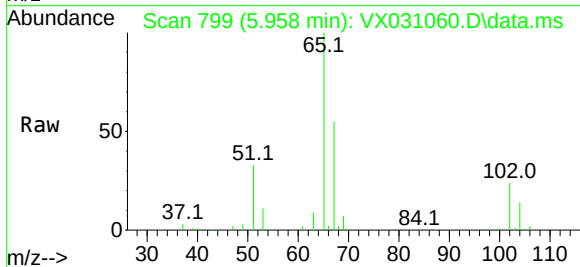
Acq: 02 Sep 2022 12:31

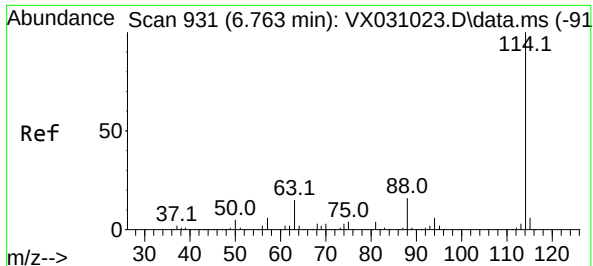
Tgt Ion: 65 Resp: 134705

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6

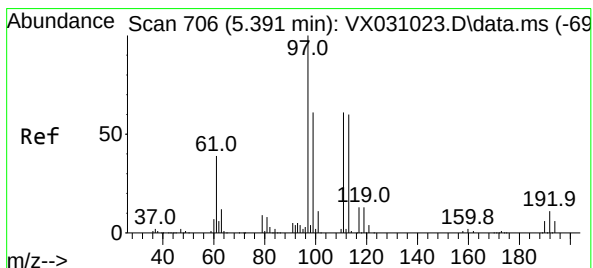
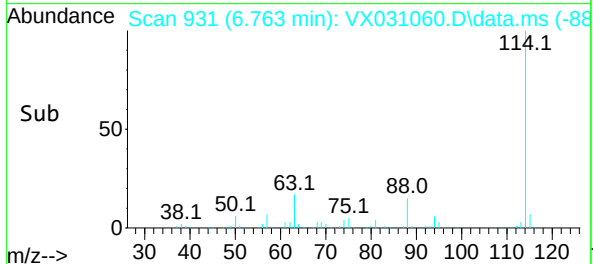
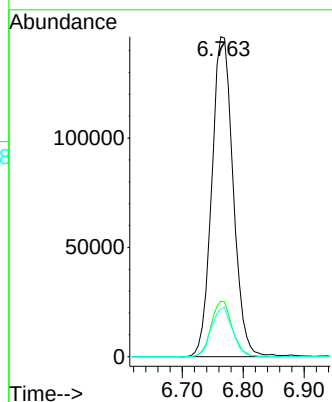
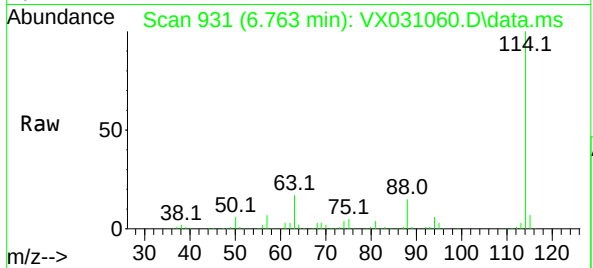




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

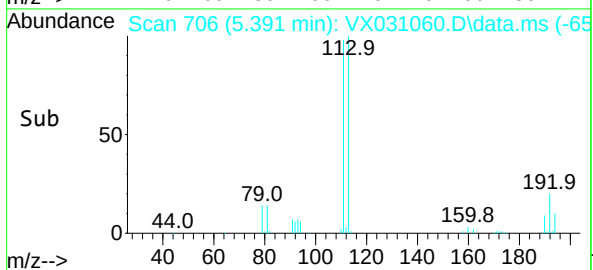
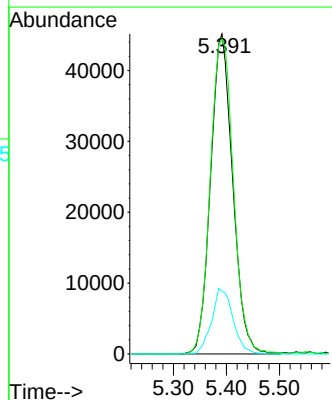
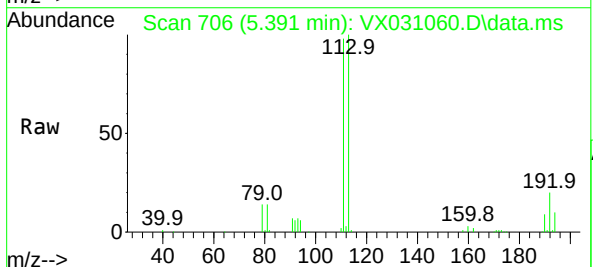
Instrument :
MSVOA_X
ClientSampleId :
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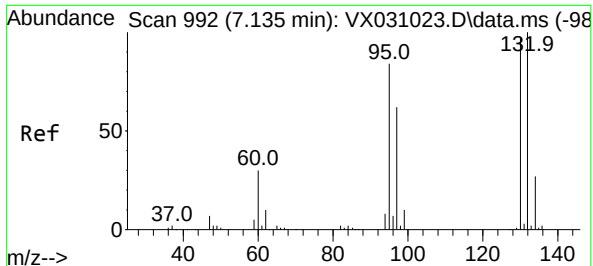
Tgt Ion:114 Resp: 356817
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

Tgt Ion:113 Resp: 130561
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 19.8 14.8 22.2

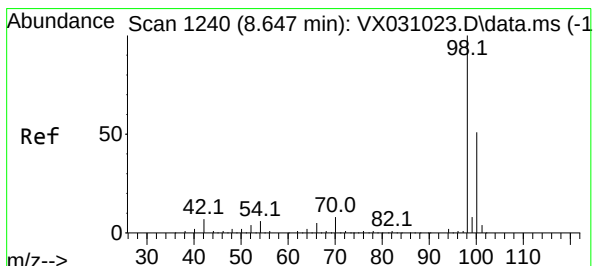
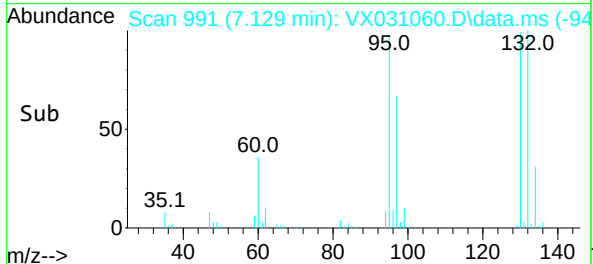
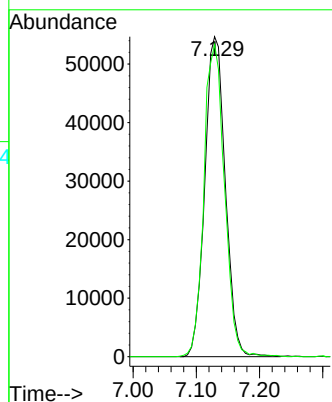
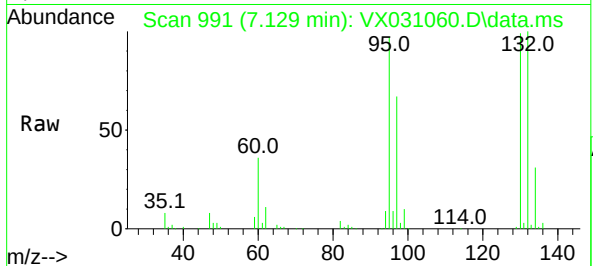




#44
 Trichloroethene
 Concen: 37.311 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX031060.D
 Acq: 02 Sep 2022 12:31

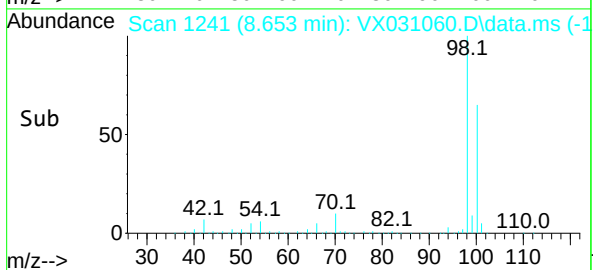
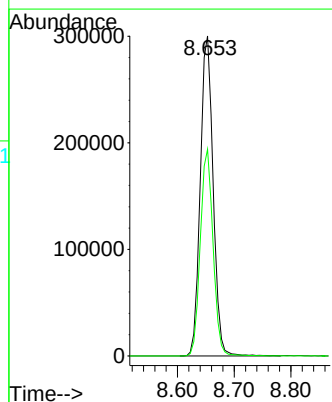
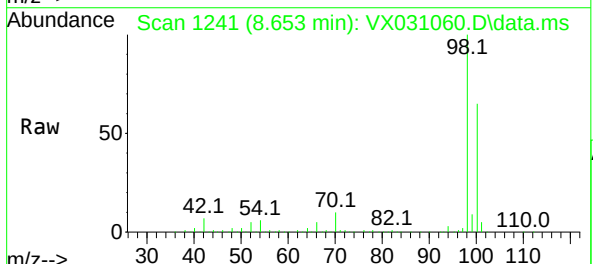
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL03

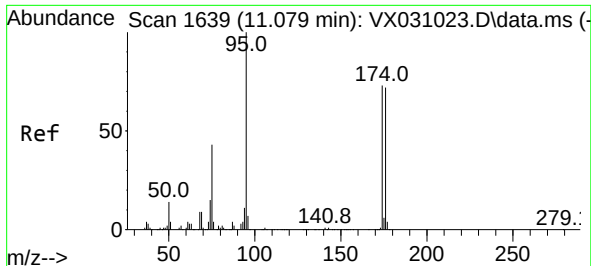
Tgt Ion:130 Resp: 123665
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 194.8



#50
 Toluene-d8
 Concen: 49.266 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX031060.D
 Acq: 02 Sep 2022 12:31

Tgt Ion: 98 Resp: 472133
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.3 78.5

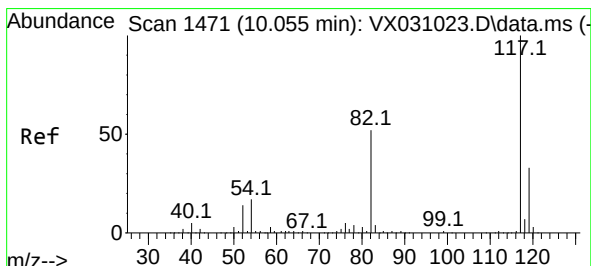
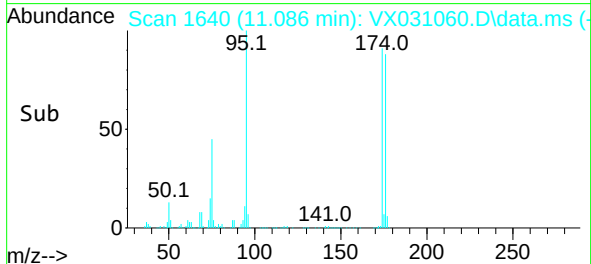
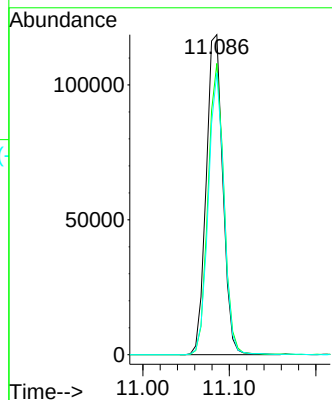
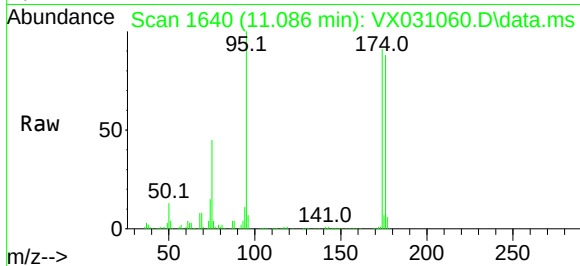




#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

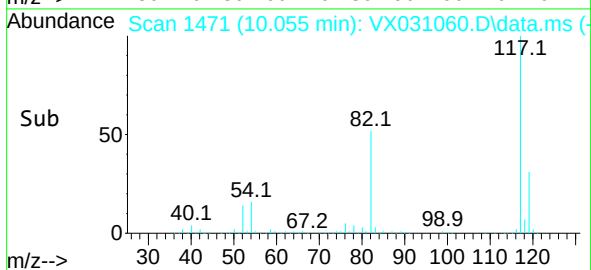
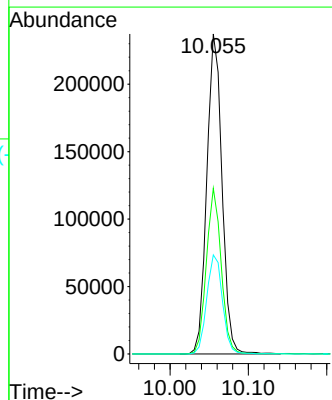
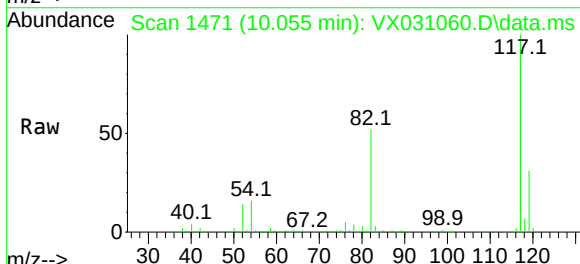
Instrument :
MSVOA_X
ClientSampleId :
MDL03

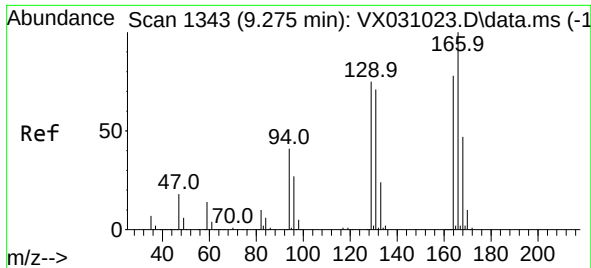
Tgt Ion: 95 Resp: 158008
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 83.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

Tgt Ion: 117 Resp: 318522
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 31.0 25.4 38.2

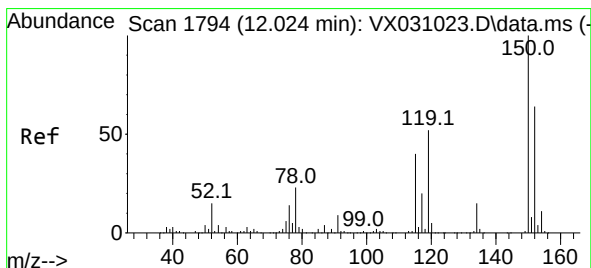
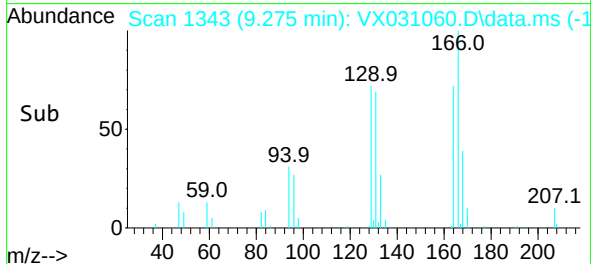
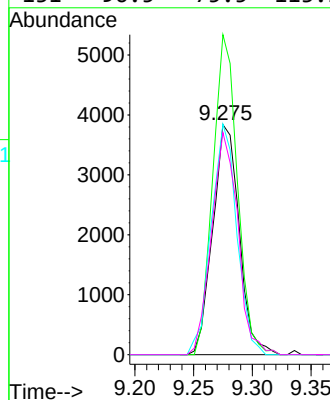
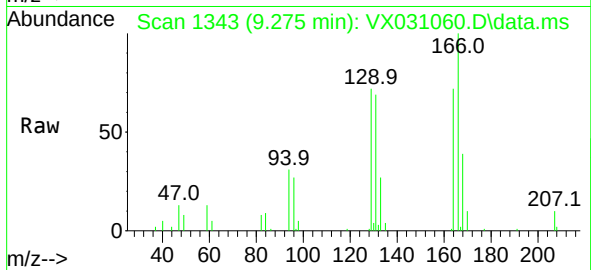




#64
Tetrachloroethene
Concen: 1.887 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	6002	
Ion	Ratio	Lower	Upper
164	100		
166	139.1	98.2	147.4
129	100.2	80.8	121.2
131	96.5	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031060.D
Acq: 02 Sep 2022 12:31

Tgt Ion:152	Resp:	137977	
Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.5	121.5
150	157.4	0.0	347.0

