

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030897.D
 Acq On : 28 Aug 2022 02:50
 Operator : JC/MD
 Sample : N4360-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20220823

Quant Time: Aug 29 01:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

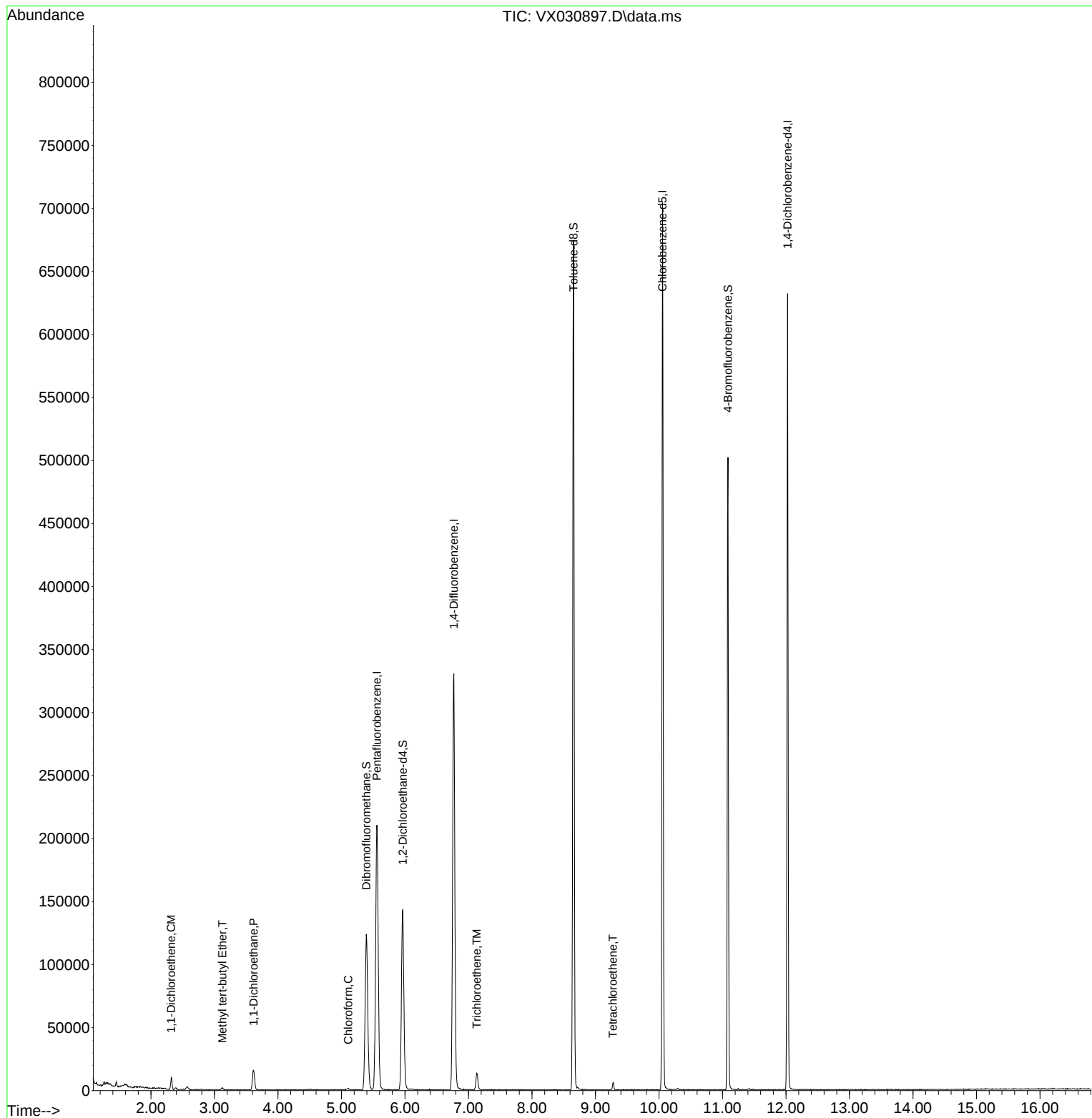
Internal Standards						
1) Pentafluorobenzene	5.556	168	186481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140021	63.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.660%#	
35) Dibromofluoromethane	5.391	113	106415	52.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	8.653	98	396522	56.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	11.085	95	130980	50.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2830	1.674	ug/l #	80
19) Methyl tert-butyl Ether	3.123	73	1645	0.281	ug/l #	87
24) 1,1-Dichloroethane	3.617	63	18595	5.222	ug/l	98
30) Chloroform	5.105	83	1432	0.382	ug/l	97
44) Trichloroethene	7.129	130	5046	2.126	ug/l	95
64) Tetrachloroethene	9.275	164	1046	0.451	ug/l #	71

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

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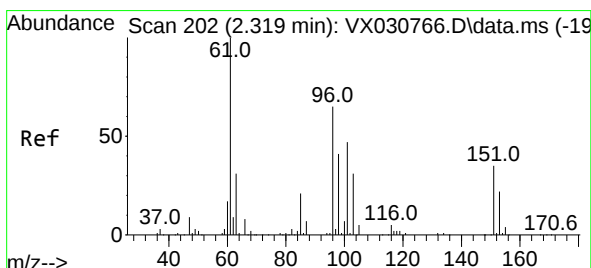
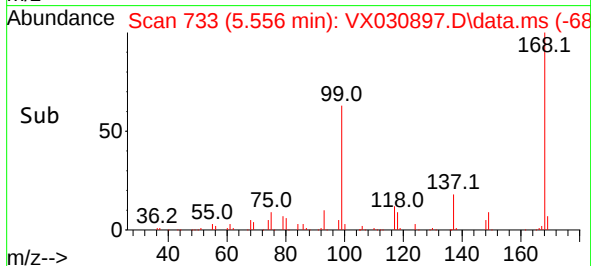
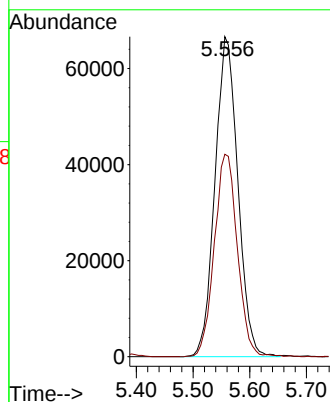
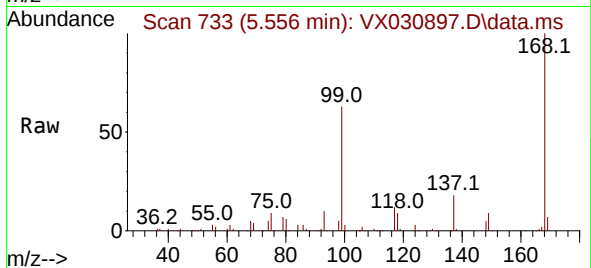




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

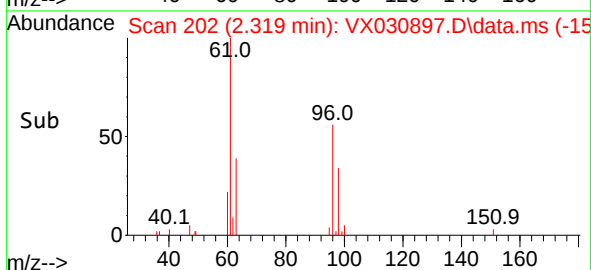
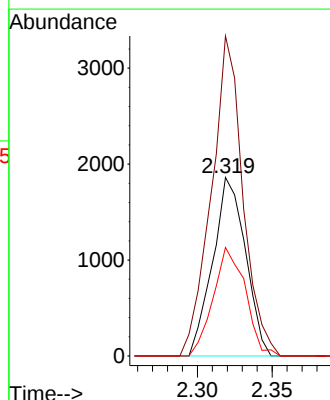
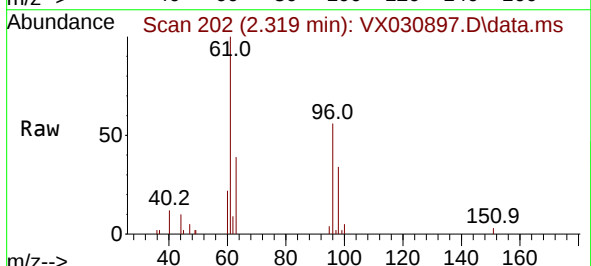
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

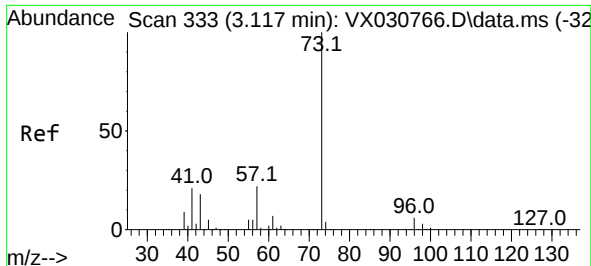
Tgt Ion:168 Resp: 186481
Ion Ratio Lower Upper
168 100
99 63.3 44.0 66.0



#12
1,1-Dichloroethene
Concen: 1.674 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 96 Resp: 2830
Ion Ratio Lower Upper
96 100
61 179.3 117.4 176.0#
98 60.8 52.2 78.4

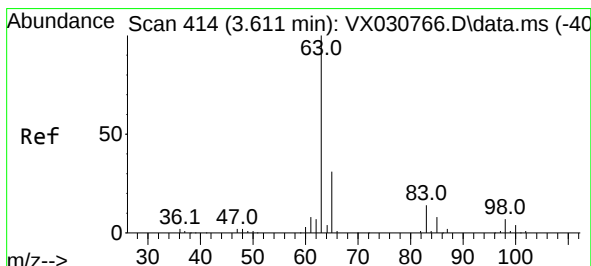
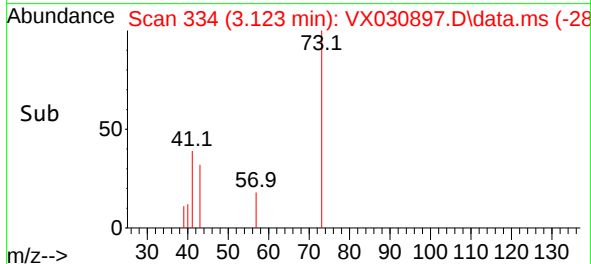
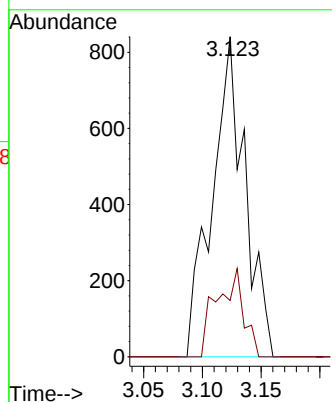
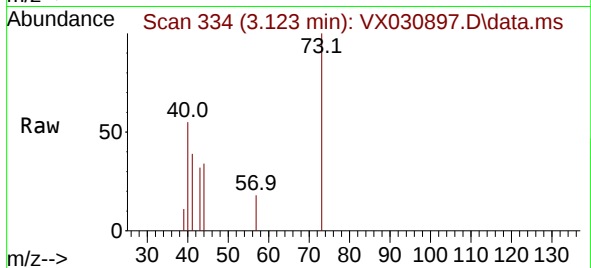




#19
Methyl tert-butyl Ether
Concen: 0.281 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

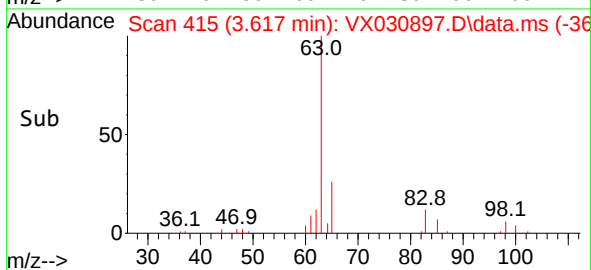
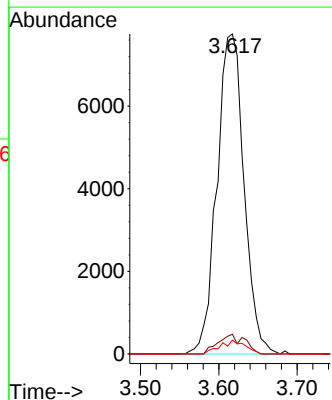
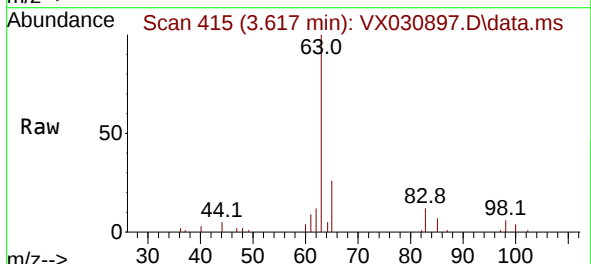
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

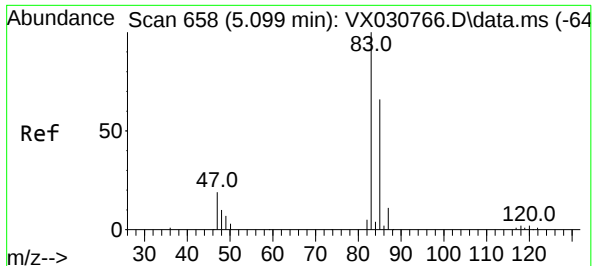
Tgt Ion: 73 Resp: 1645
Ion Ratio Lower Upper
73 100
57 17.6 19.0 28.6#



#24
1,1-Dichloroethane
Concen: 5.222 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 63 Resp: 18595
Ion Ratio Lower Upper
63 100
98 6.1 3.5 10.5
100 4.4 2.3 6.9

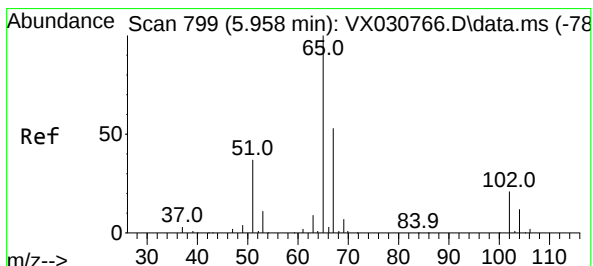
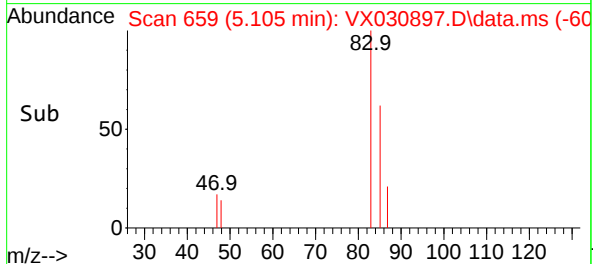
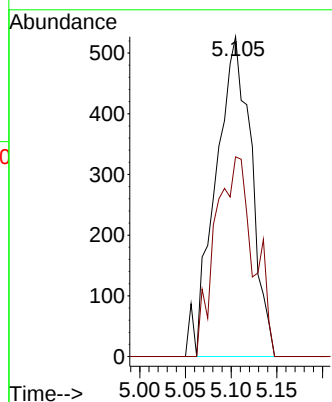
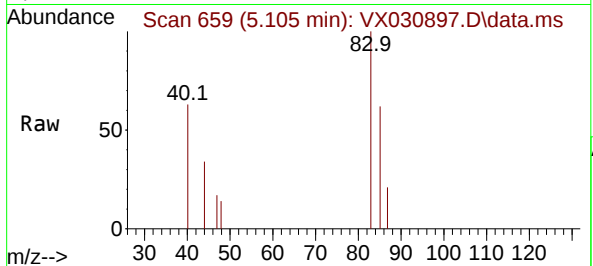




#30
Chloroform
Concen: 0.382 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

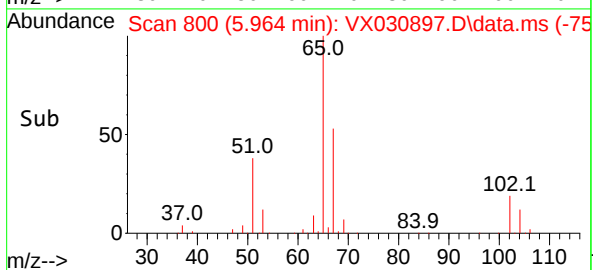
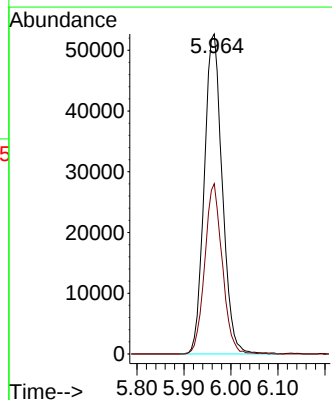
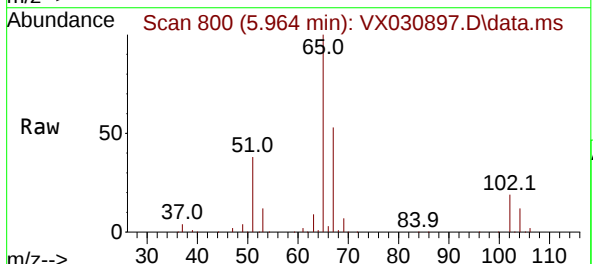
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20220823

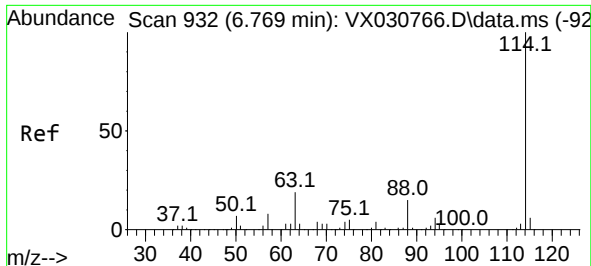
Tgt Ion: 83 Resp: 1432
Ion Ratio Lower Upper
83 100
85 62.4 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 63.834 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 65 Resp: 140021
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

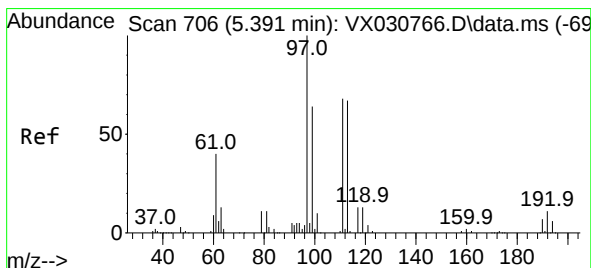
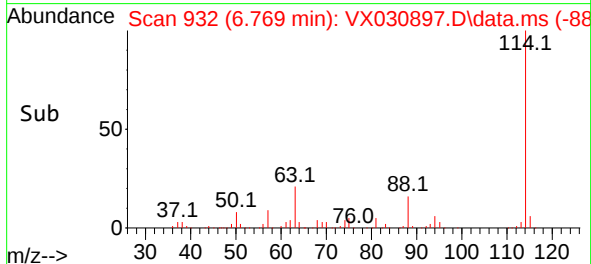
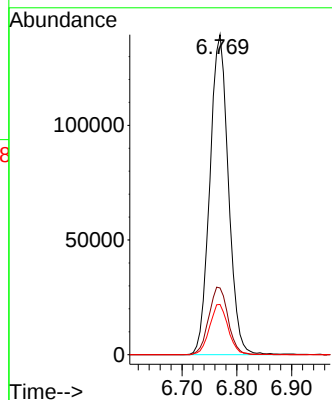
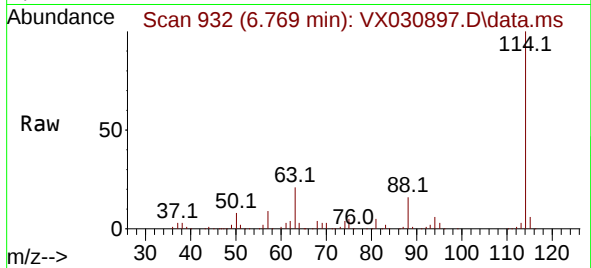




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX030897.D
 Acq: 28 Aug 2022 02:50

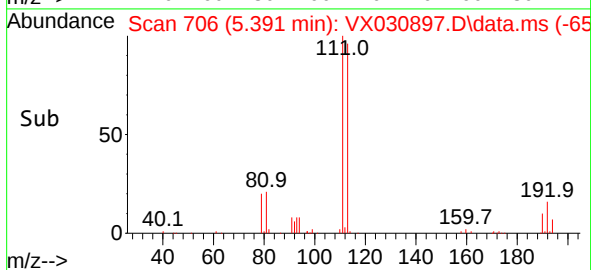
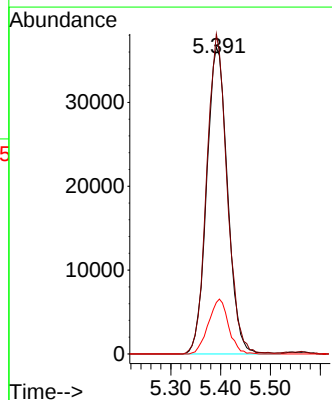
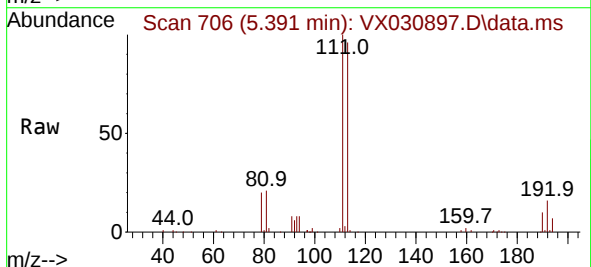
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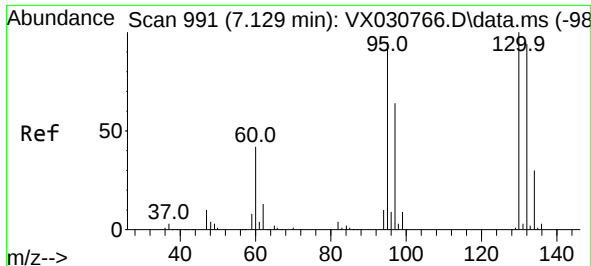
Tgt Ion:114 Resp: 328090
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 15.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 52.775 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX030897.D
 Acq: 28 Aug 2022 02:50

Tgt Ion:113 Resp: 106415
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.2 124.8
 192 17.2 14.8 22.2

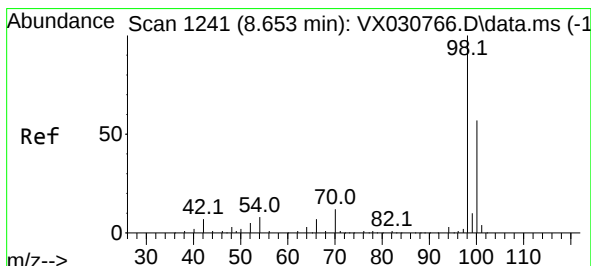
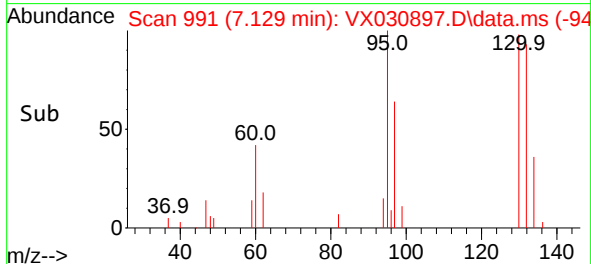
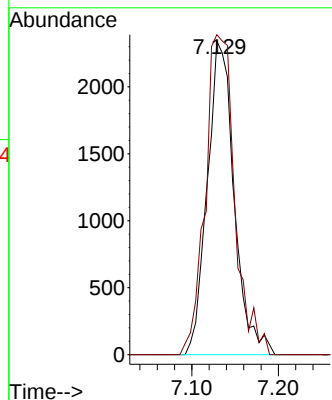
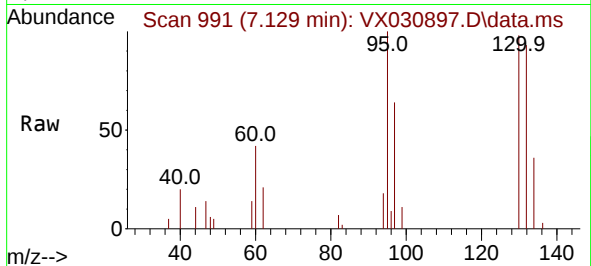




#44
Trichloroethene
Concen: 2.126 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

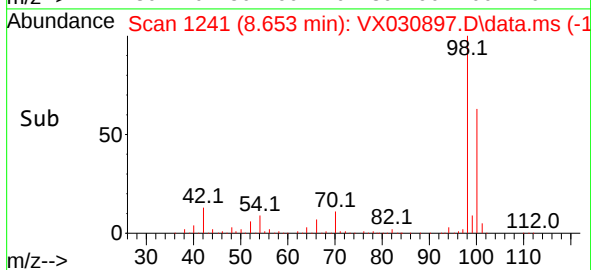
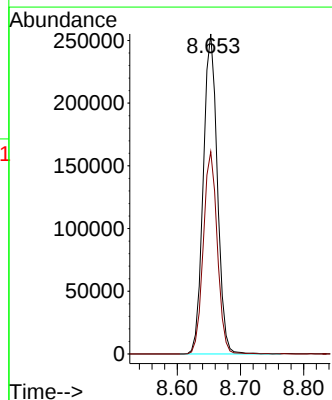
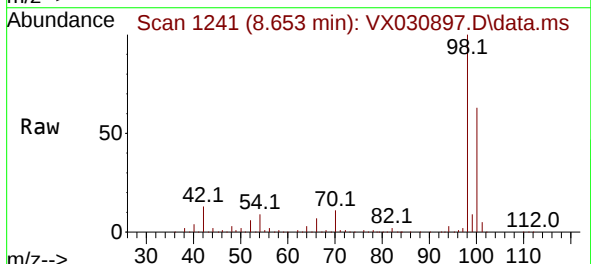
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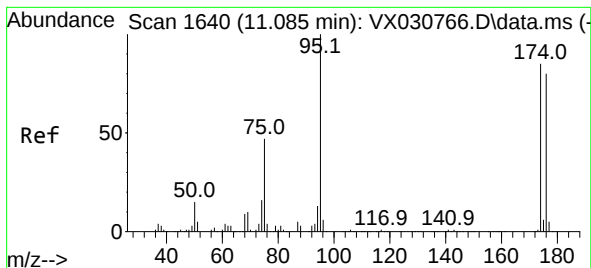
Tgt Ion:130 Resp: 5046
Ion Ratio Lower Upper
130 100
95 102.1 0.0 194.8



#50
Toluene-d8
Concen: 56.433 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 98 Resp: 396522
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5

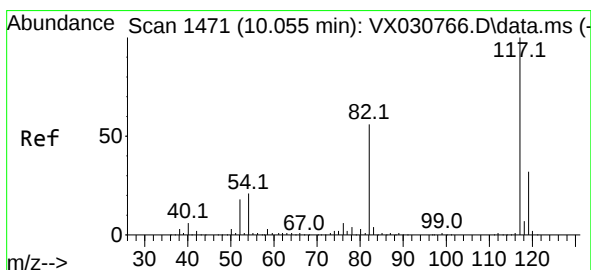
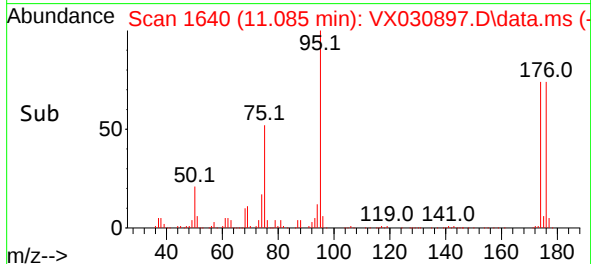
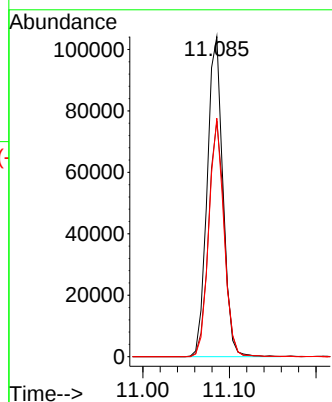
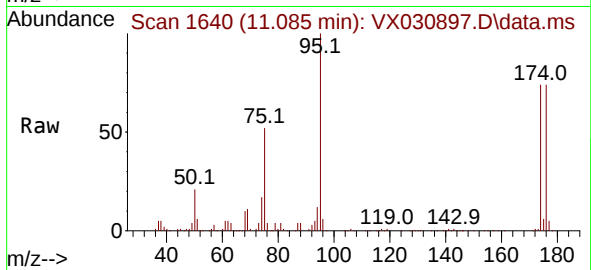




#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

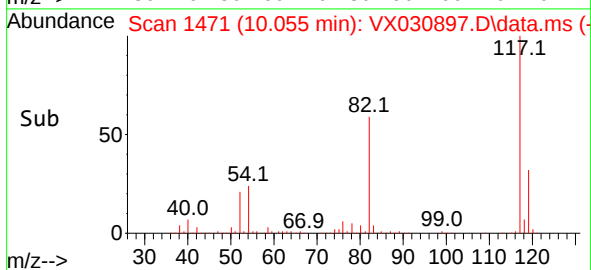
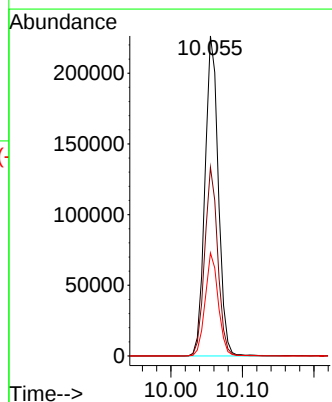
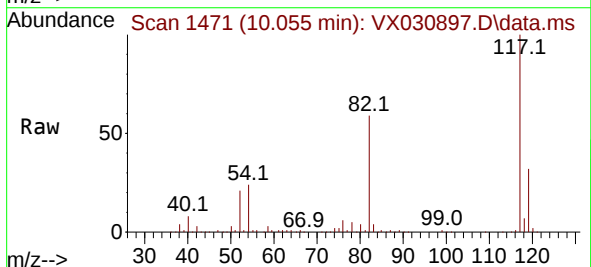
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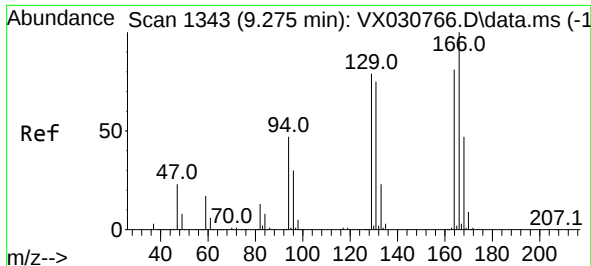
Tgt Ion: 95 Resp: 130980
Ion Ratio Lower Upper
95 100
174 73.6 0.0 149.0
176 71.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion: 117 Resp: 294392
Ion Ratio Lower Upper
117 100
82 59.0 42.7 64.1
119 32.2 25.4 38.2

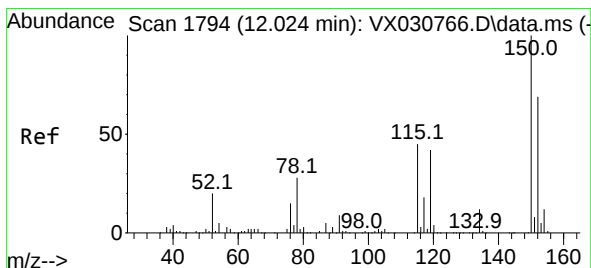
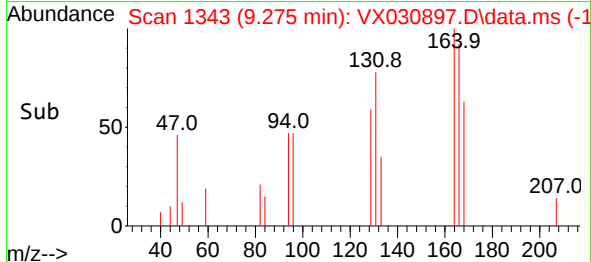
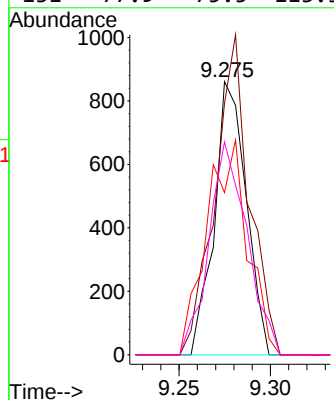
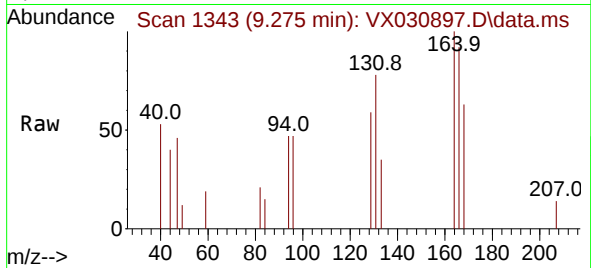




#64
Tetrachloroethene
Concen: 0.451 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030897.D
Acq: 28 Aug 2022 02:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt	Ion:164	Resp:	1046
Ion	Ratio	Lower	Upper
164	100		
166	92.1	98.2	147.4#
129	59.3	80.8	121.2#
131	77.9	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: VX030897.D
Acq: 28 Aug 2022 02:50

Tgt Ion:152	Resp:	120725	
Ion	Ratio	Lower	Upper
152	100		
115	61.8	40.5	121.5
150	156.6	0.0	347.0

