

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034389.D
 Acq On : 08 Mar 2023 17:29
 Operator : JC/MD
 Sample : 01843-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20230306

Quant Time: Mar 09 04:01:19 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)

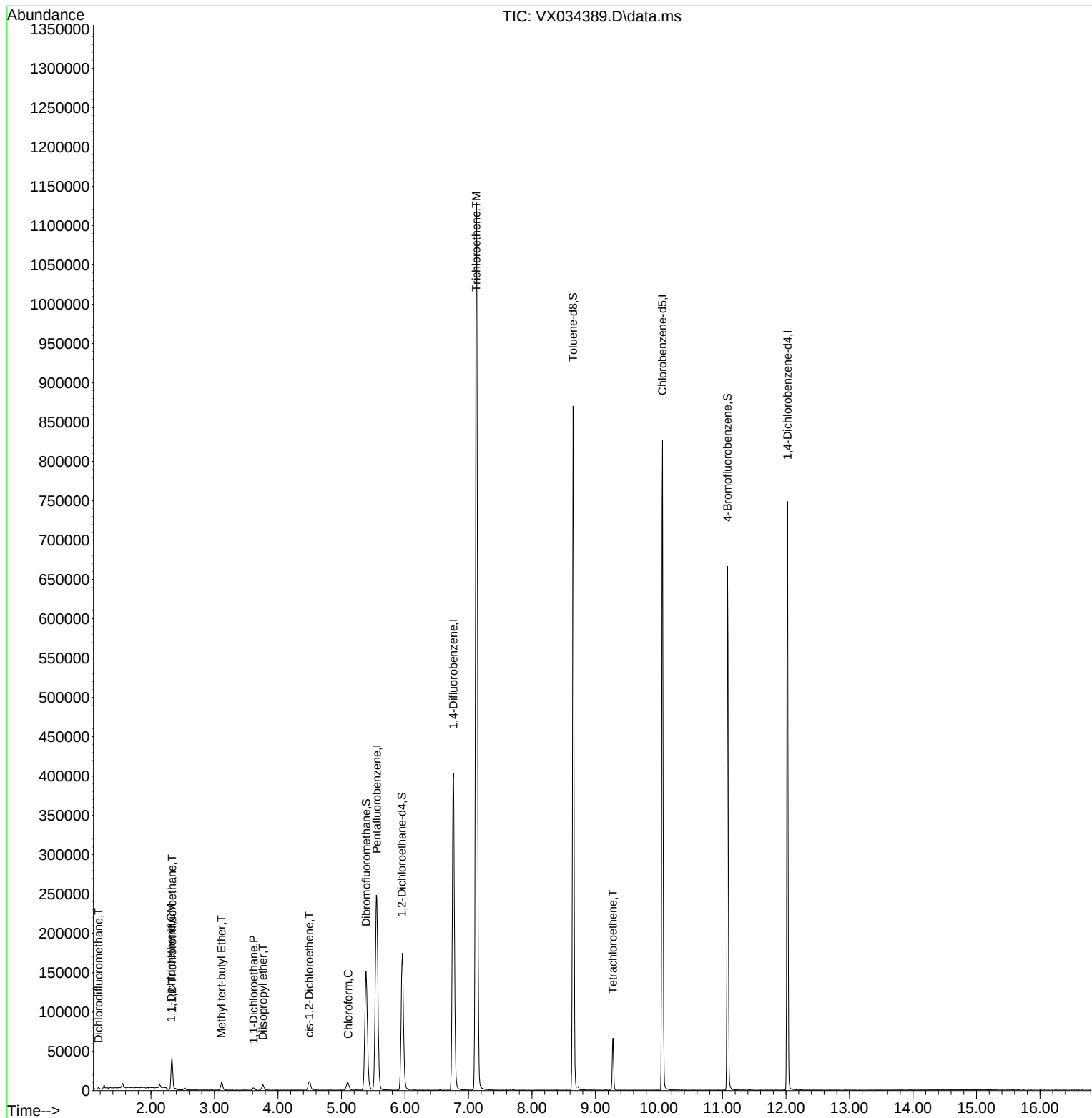
Internal Standards						
1) Pentafluorobenzene	5.556	168	243597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155708	47.462	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.385	113	129878	48.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.647	98	501391	51.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.360%
62) 4-Bromofluorobenzene	11.079	95	172604	46.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	627	0.298	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	14113	5.369	ug/l	95
12) 1,1-Dichloroethene	2.319	96	2363	0.897	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	10418	1.120	ug/l	97
22) Diisopropyl ether	3.764	45	7292	0.744	ug/l #	72
24) 1,1-Dichloroethane	3.617	63	3298	0.613	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	7464	2.283	ug/l	93
30) Chloroform	5.105	83	11858	2.296	ug/l	93
44) Trichloroethene	7.123	130	441901	145.406	ug/l	94
64) Tetrachloroethene	9.275	164	12392	4.750	ug/l	98

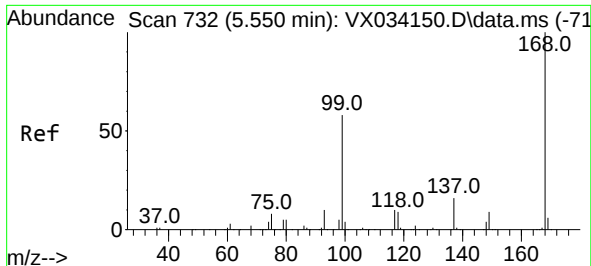
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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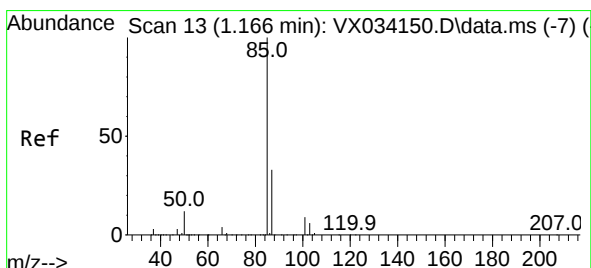
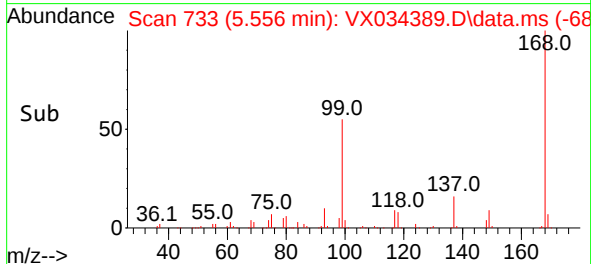
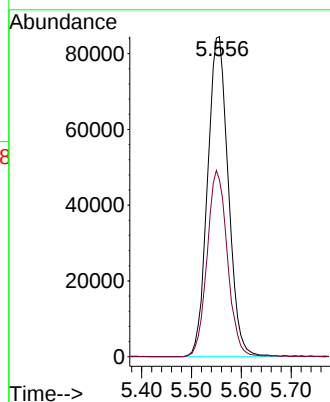
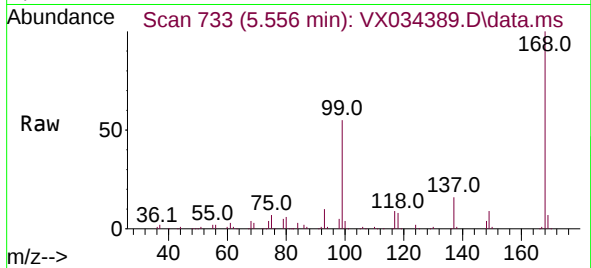




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

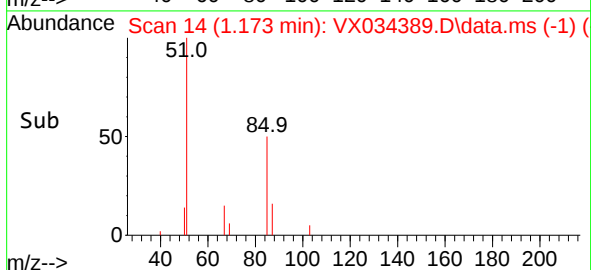
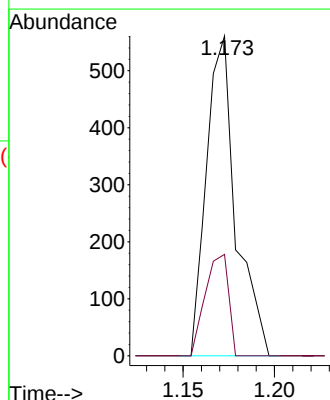
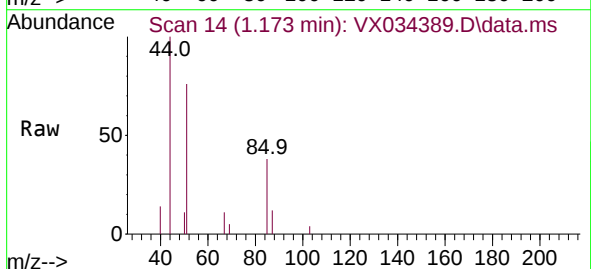
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20230306

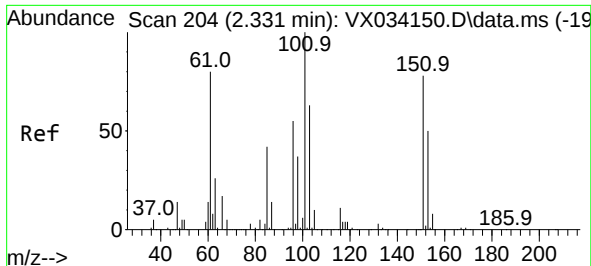
Tgt Ion:168 Resp: 243597
Ion Ratio Lower Upper
168 100
99 55.3 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.298 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 85 Resp: 627
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4

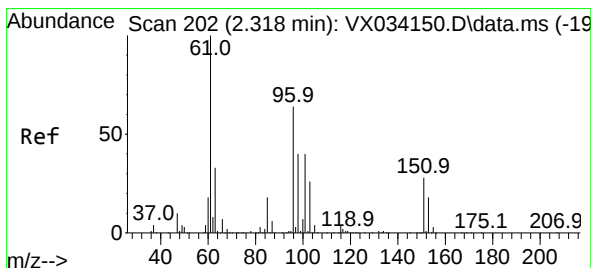
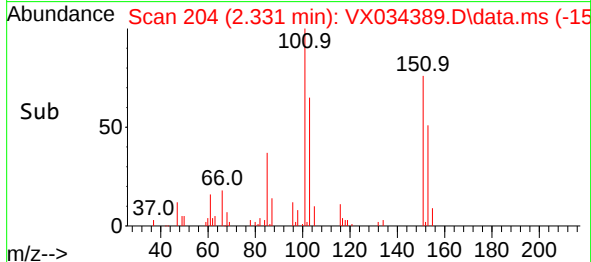
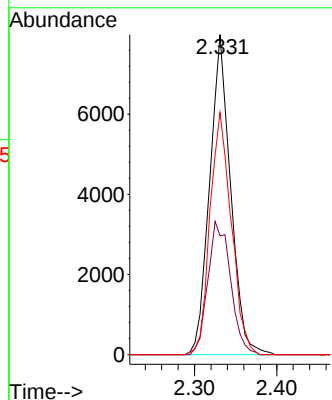
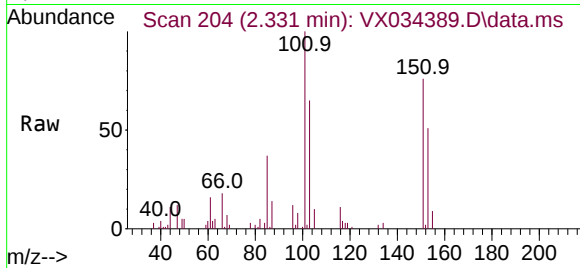




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.369 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

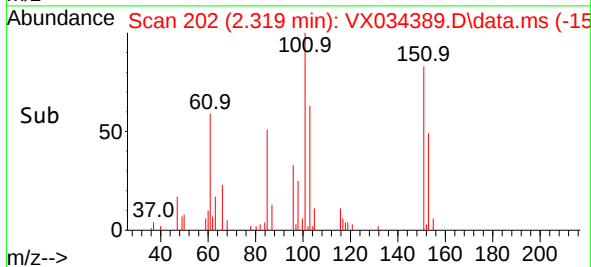
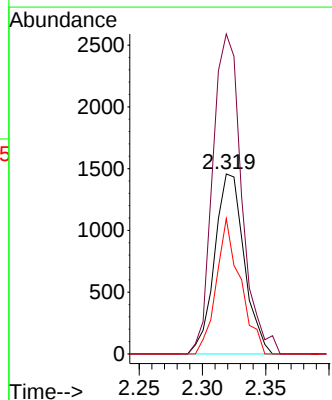
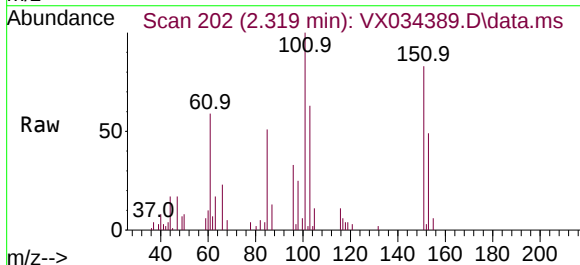
Instrument :
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ClientSampleId :
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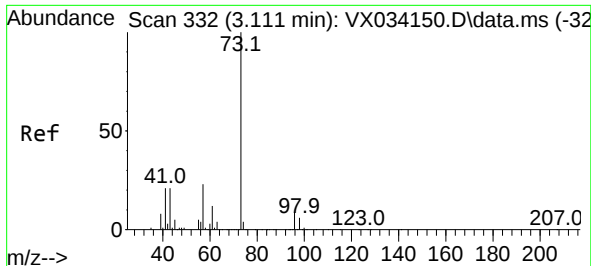
Tgt Ion:101 Resp: 14113
Ion Ratio Lower Upper
101 100
85 45.1 36.7 55.1
151 77.2 66.5 99.7



#12
1,1-Dichloroethene
Concen: 0.897 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 177.8 134.2 201.4
98 75.2 50.2 75.2

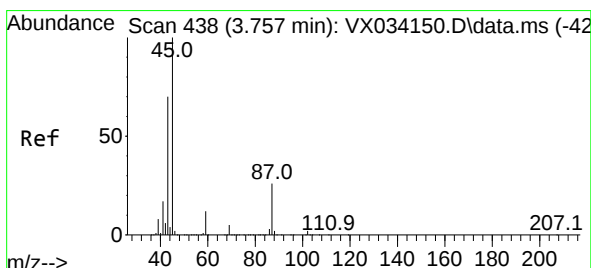
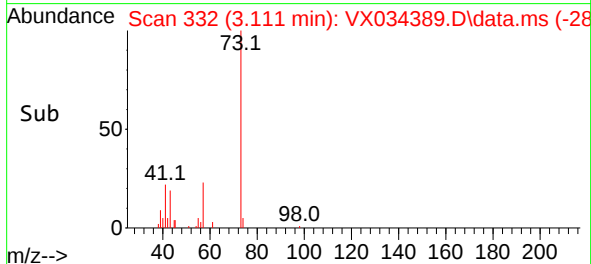
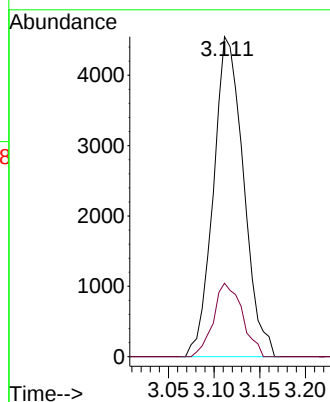
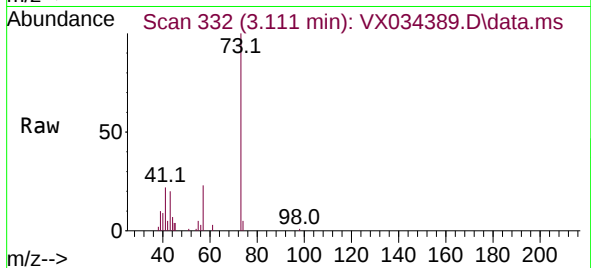




#19
Methyl tert-butyl Ether
Concen: 1.120 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

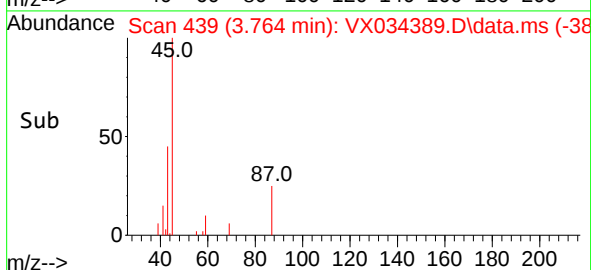
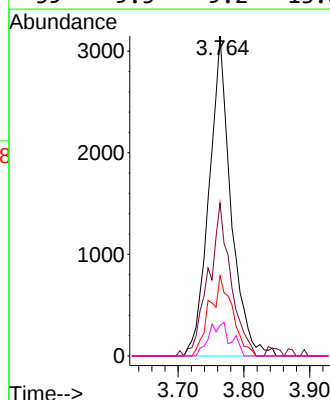
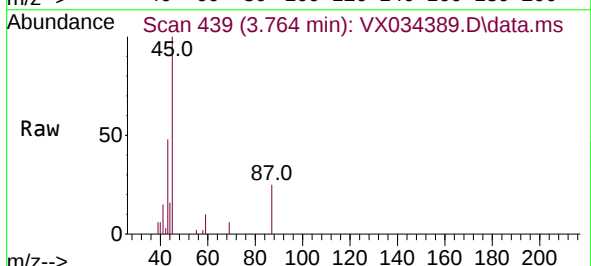
Instrument :
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ClientSampleId :
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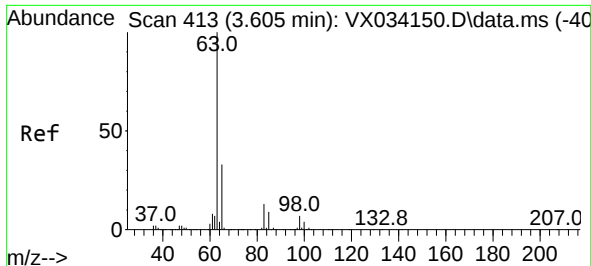
Tgt Ion: 73 Resp: 10418
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#22
Diisopropyl ether
Concen: 0.744 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 45 Resp: 7292
Ion Ratio Lower Upper
45 100
43 46.1 64.6 97.0#
87 25.1 21.9 32.9
59 9.5 9.2 13.8

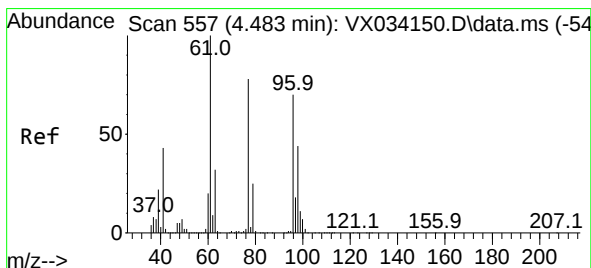
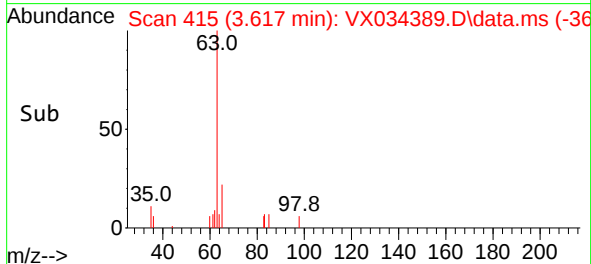
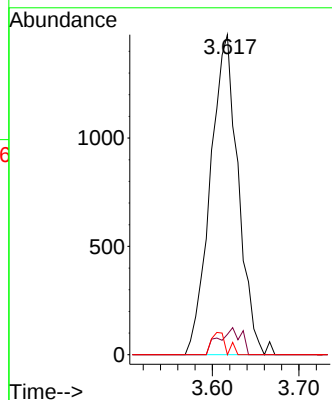
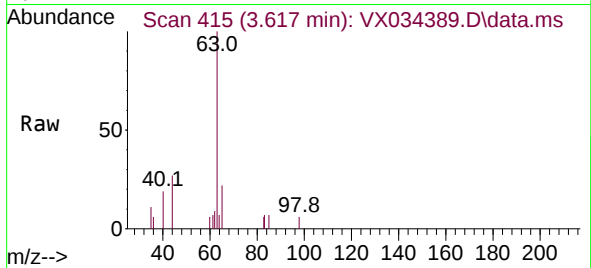




#24
1,1-Dichloroethane
Concen: 0.613 ug/l
RT: 3.617 min Scan# 413
Delta R.T. 0.012 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

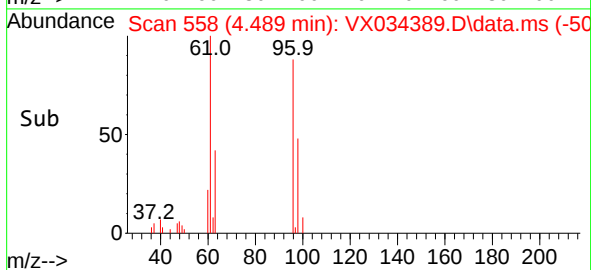
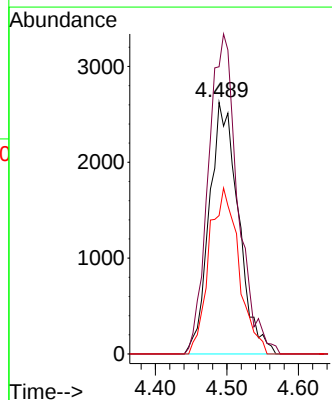
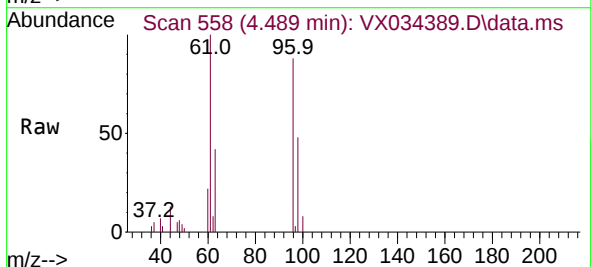
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20230306

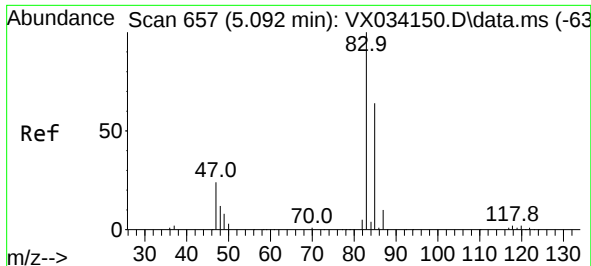
Tgt Ion: 63 Resp: 3298
Ion Ratio Lower Upper
63 100
98 6.4 3.8 11.2
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 2.283 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 96 Resp: 7464
Ion Ratio Lower Upper
96 100
61 128.7 0.0 277.6
98 67.1 0.0 128.0

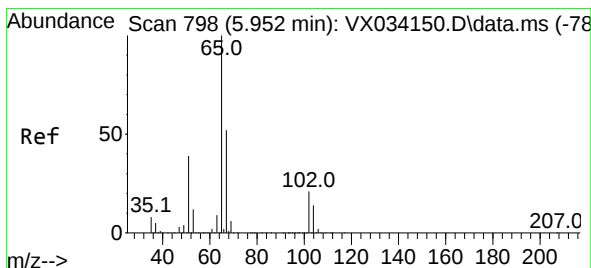
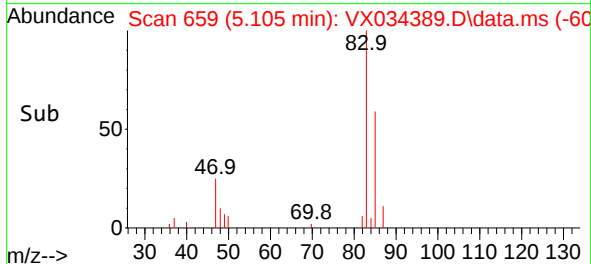
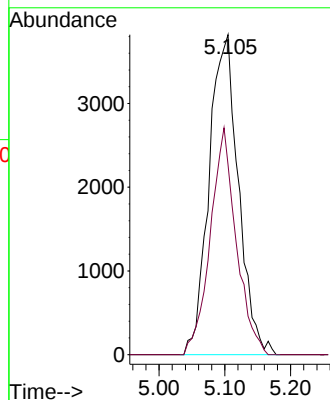
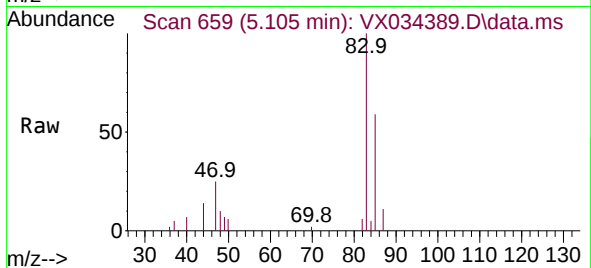




#30
Chloroform
Concen: 2.296 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

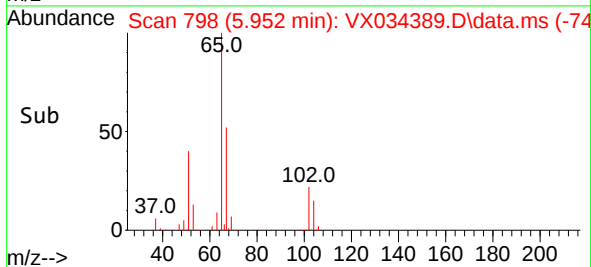
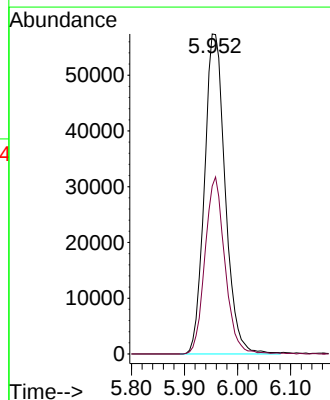
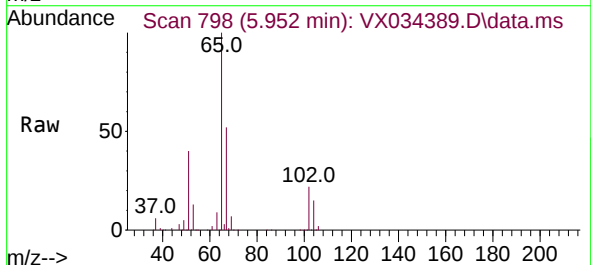
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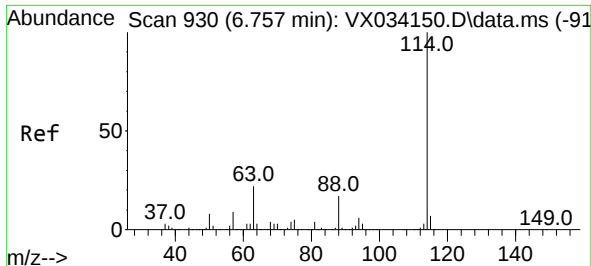
Tgt Ion: 83 Resp: 11858
Ion Ratio Lower Upper
83 100
85 59.3 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 47.462 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 65 Resp: 155708
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

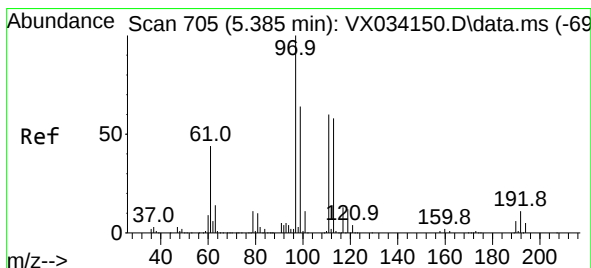
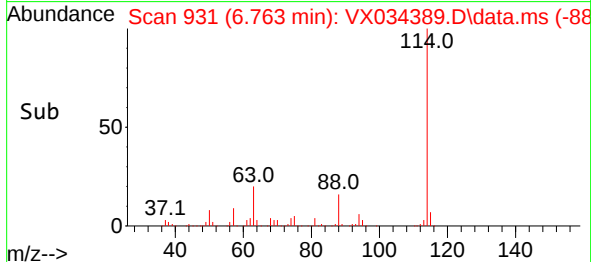
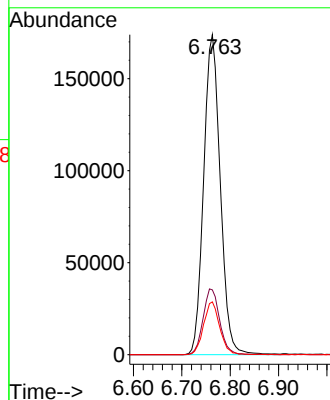
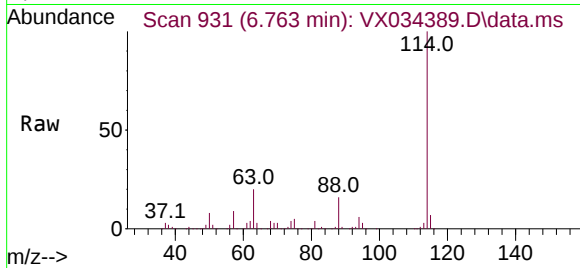




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

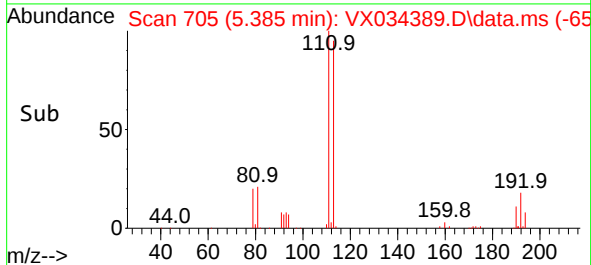
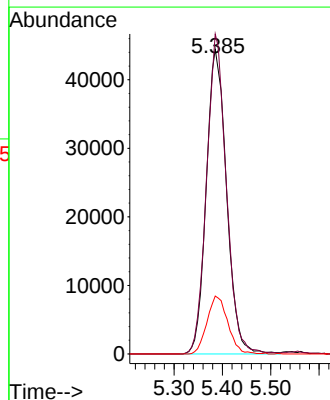
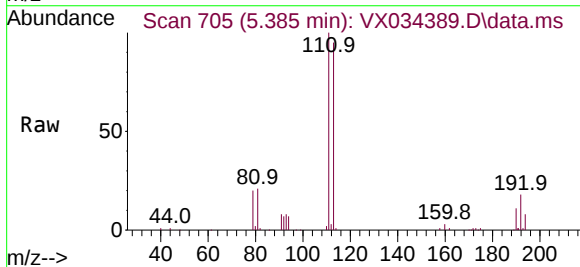
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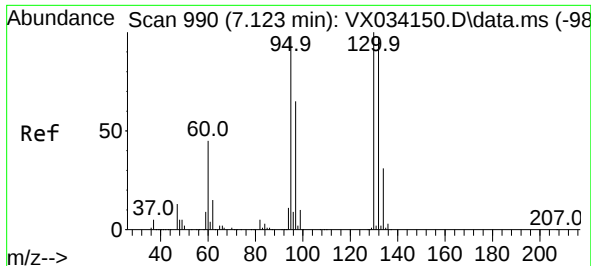
Tgt Ion:114 Resp: 415017
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.065 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion:113 Resp: 129878
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 19.4 19.0 28.4

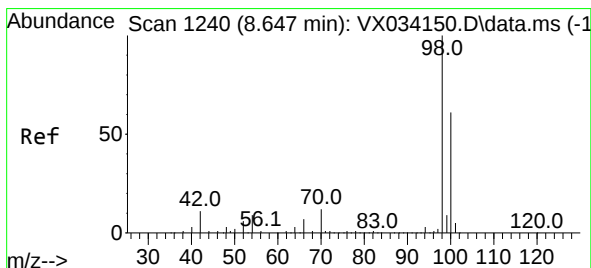
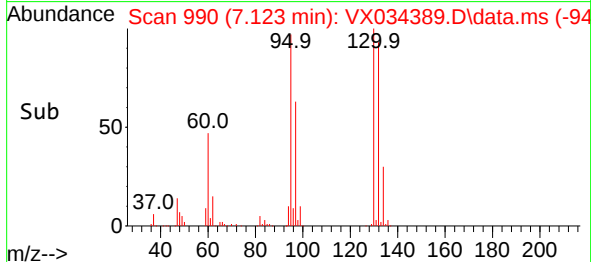
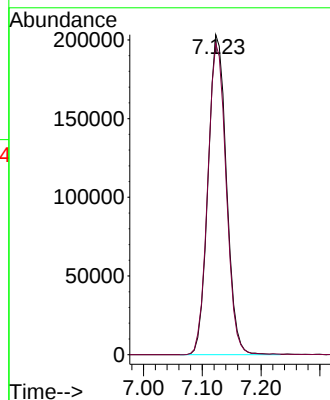
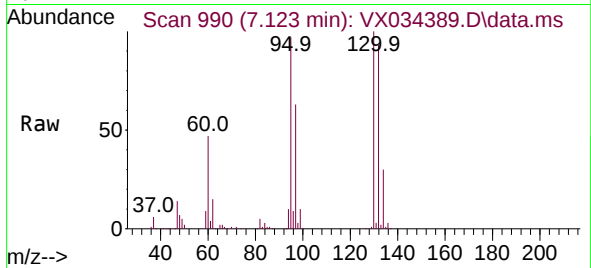




#44
Trichloroethene
Concen: 145.406 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

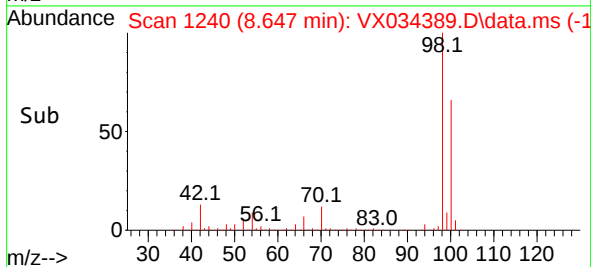
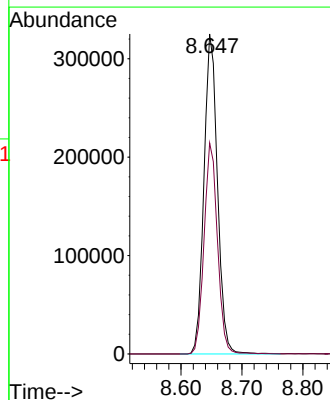
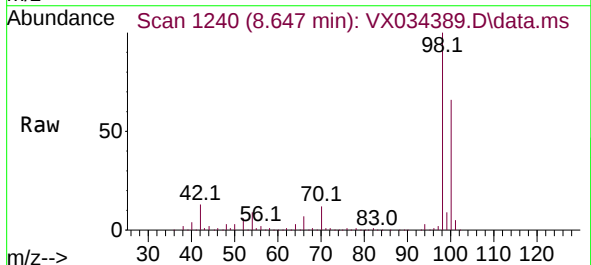
Instrument :
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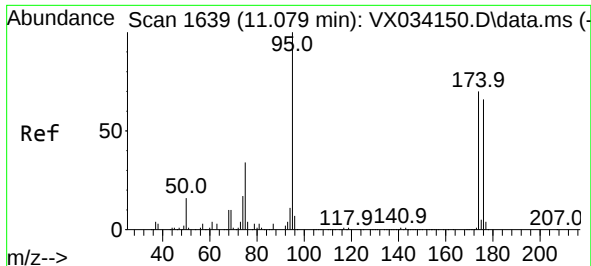
Tgt Ion:130 Resp: 441901
Ion Ratio Lower Upper
130 100
95 97.2 0.0 182.6



#50
Toluene-d8
Concen: 51.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 98 Resp: 501391
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4

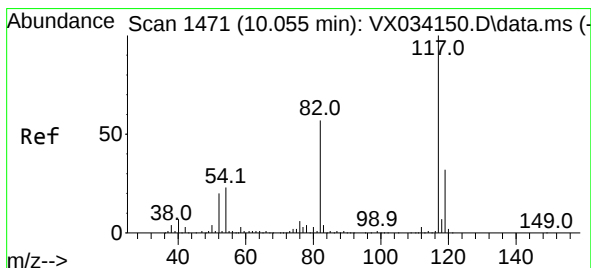
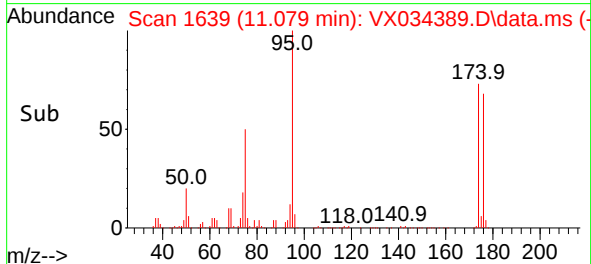
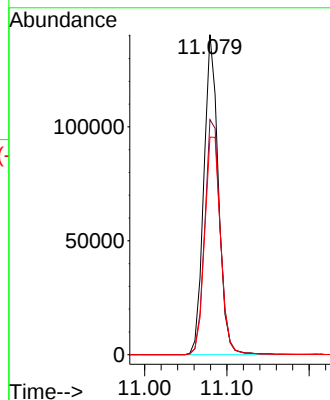
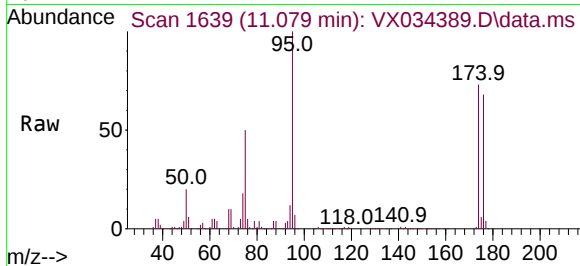




#62
4-Bromofluorobenzene
Concen: 46.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

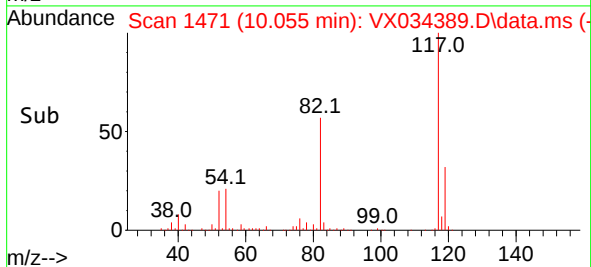
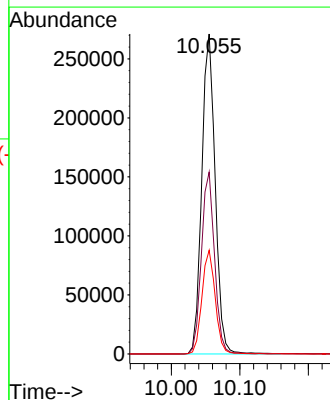
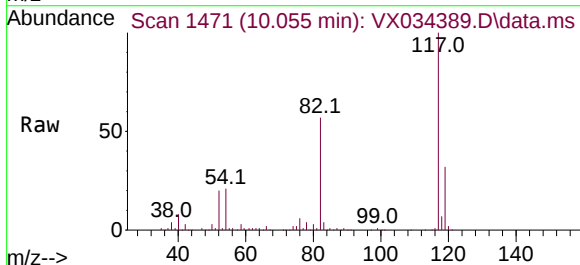
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20230306

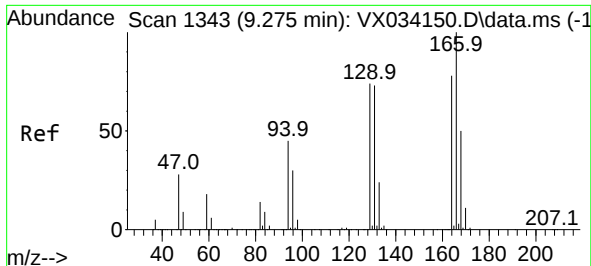
Tgt Ion: 95 Resp: 172604
Ion Ratio Lower Upper
95 100
174 78.4 0.0 184.4
176 74.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion: 117 Resp: 369675
Ion Ratio Lower Upper
117 100
82 56.9 40.6 60.8
119 32.4 25.6 38.4



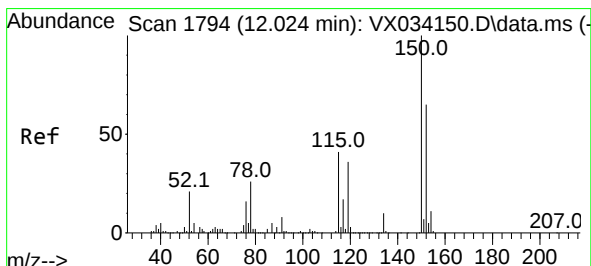
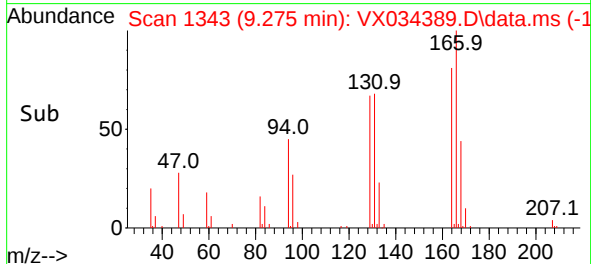
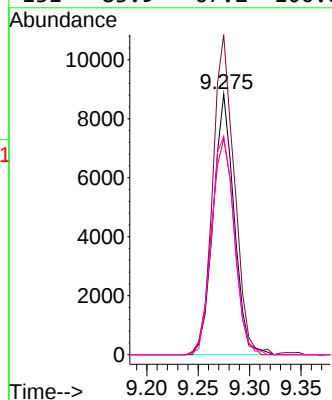
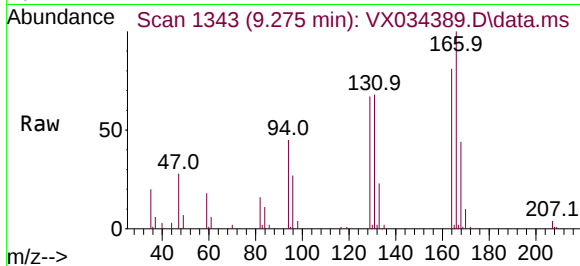


#64
Tetrachloroethene
Concen: 4.750 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20230306

Tgt Ion:164 Resp: 12392

Ion	Ratio	Lower	Upper
164	100		
166	122.9	100.2	150.2
129	82.9	69.2	103.8
131	83.9	67.2	100.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034389.D
Acq: 08 Mar 2023 17:29

Tgt Ion:152 Resp: 160113

Ion	Ratio	Lower	Upper
152	100		
115	59.4	38.7	116.1
150	157.0	0.0	348.2

