

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044017.D
 Acq On : 26 Nov 2024 15:14
 Operator : JC/MD
 Sample : P5003-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-10A-HYD-20241122

Quant Time: Nov 27 00:54:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

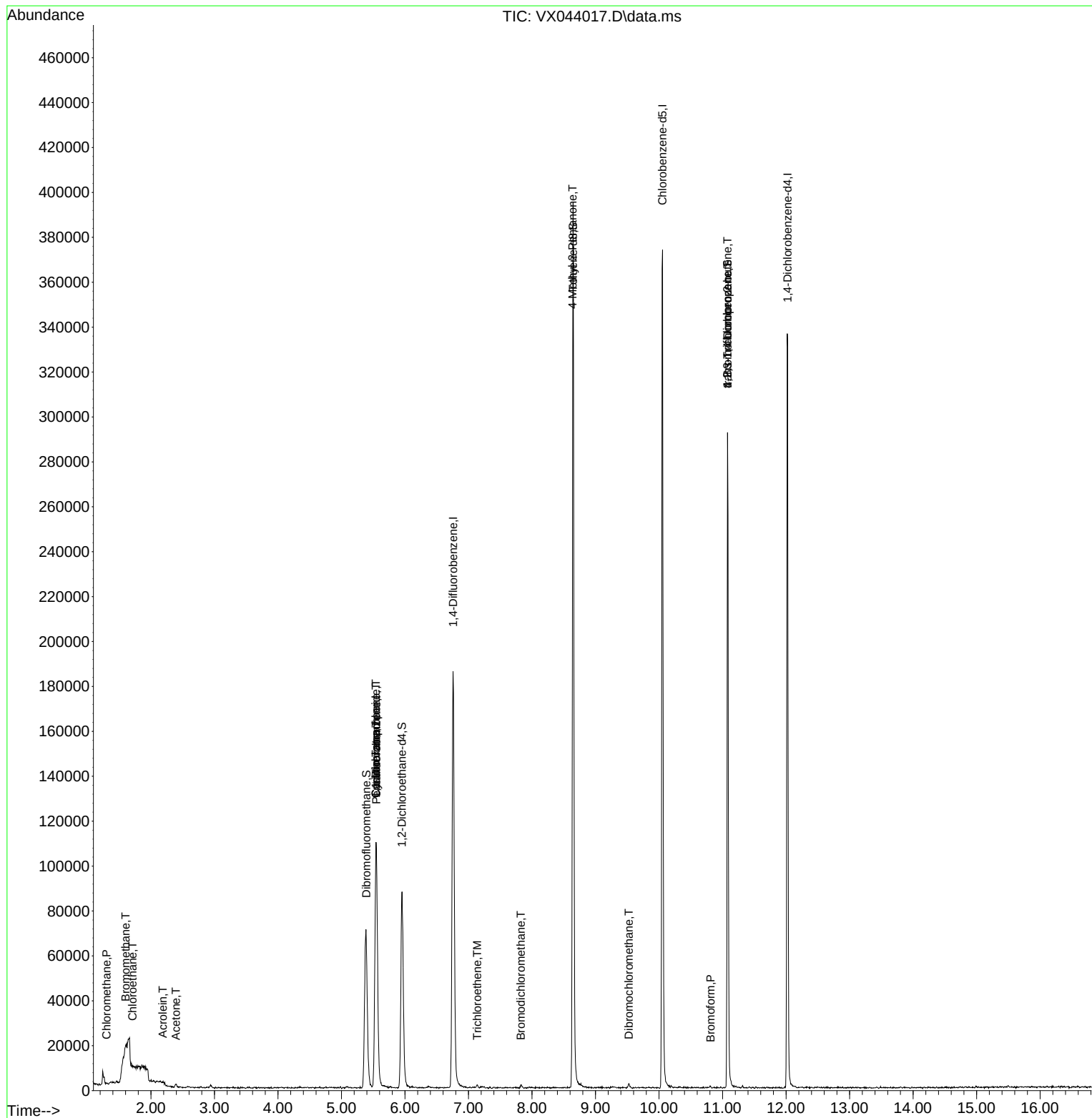
Internal Standards						
1) Pentafluorobenzene	5.549	168	98918	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	187238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84155	49.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.200%
35) Dibromofluoromethane	5.391	113	60703	45.372	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	8.646	98	229899	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	74787	47.648	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	429	0.325	ug/l	89
5) Bromomethane	1.599	94	236	0.274	ug/l #	31
6) Chloroethane	1.709	64	292	0.342	ug/l	89
13) Acrolein	2.184	56	76	0.265	ug/l	92
16) Acetone	2.391	43	1694	2.174	ug/l	95
31) Cyclohexane	5.543	56	2671	1.413	ug/l #	48
36) 1,1-Dichloropropene	5.543	75	9261	5.555	ug/l #	50
38) Carbon Tetrachloride	5.543	117	11655	6.222	ug/l #	17
44) Trichloroethene	7.135	130	310	0.211	ug/l	92
47) Bromodichloromethane	7.823	83	853	0.473	ug/l #	94
51) 4-Methyl-2-Pentanone	8.640	43	1216	0.605	ug/l #	1
60) Dibromochloromethane	9.524	129	937	0.728	ug/l	96
71) Bromoform	10.811	173	264	1.512	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	42314	28.084	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42314	76.634	ug/l #	6

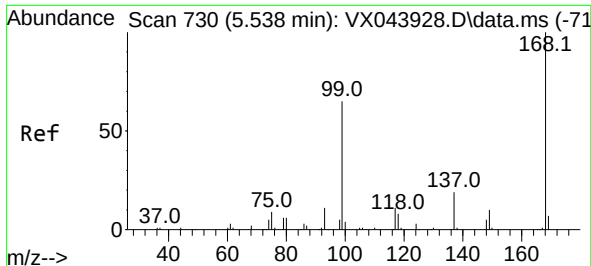
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 00:54:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

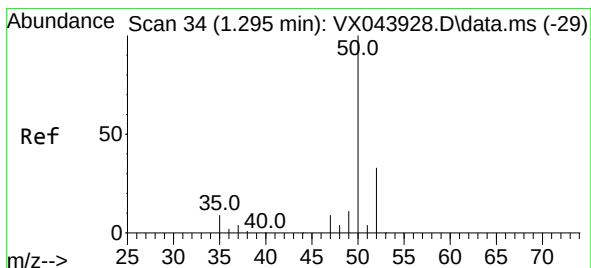
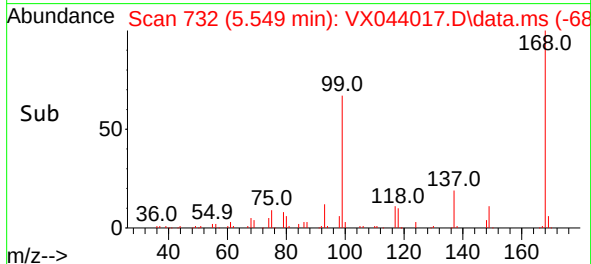
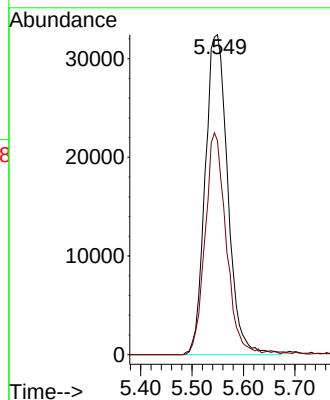
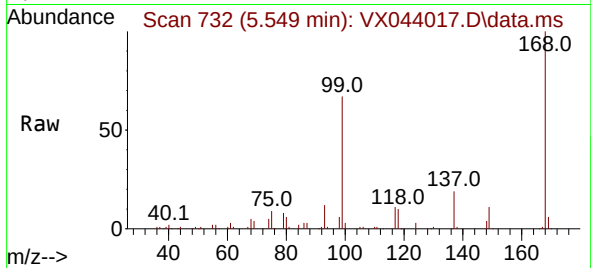




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

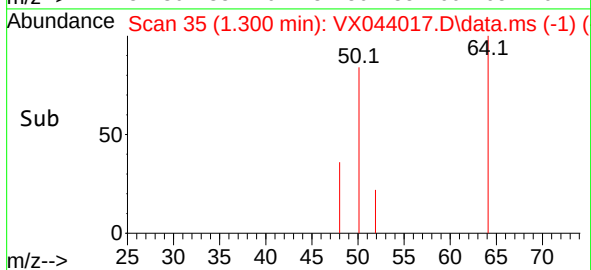
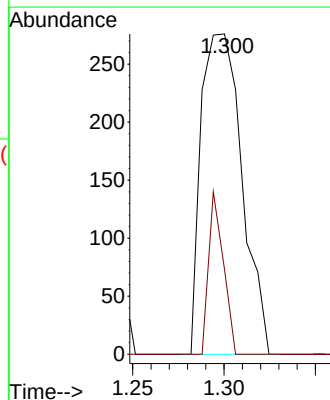
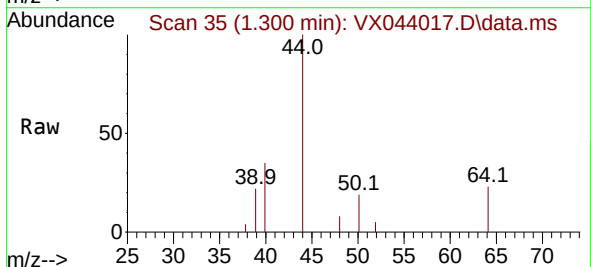
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

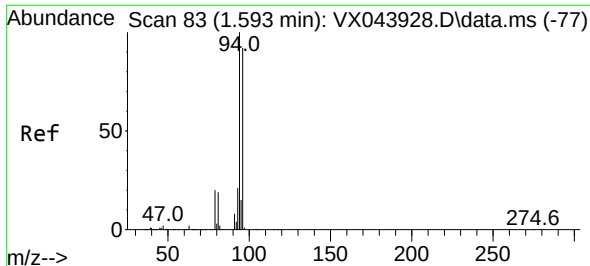
Tgt Ion:168 Resp: 98918
Ion Ratio Lower Upper
168 100
99 66.8 51.8 77.8



#3
Chloromethane
Concen: 0.325 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 50 Resp: 429
Ion Ratio Lower Upper
50 100
52 26.4 26.1 39.1

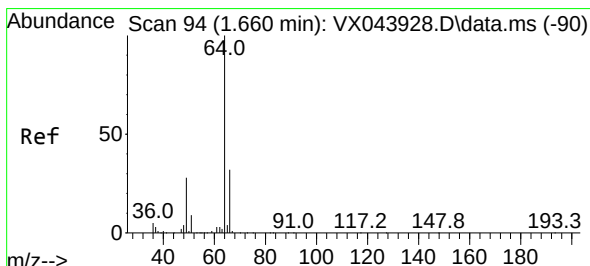
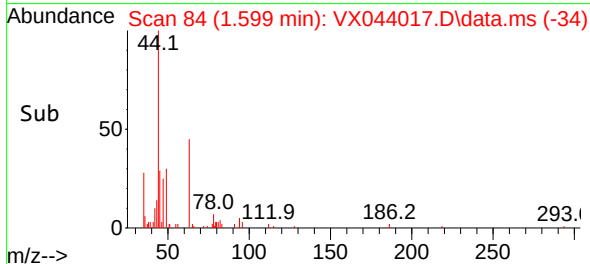
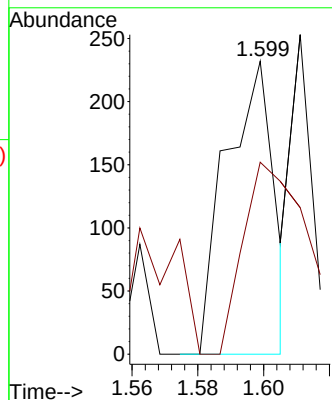
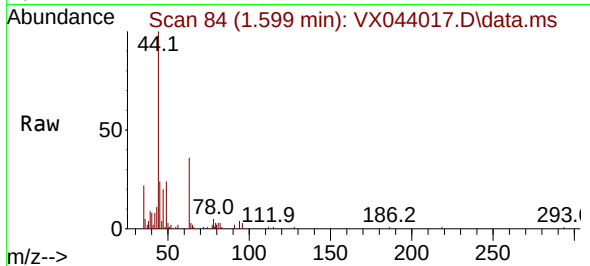




#5
Bromomethane
Concen: 0.274 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

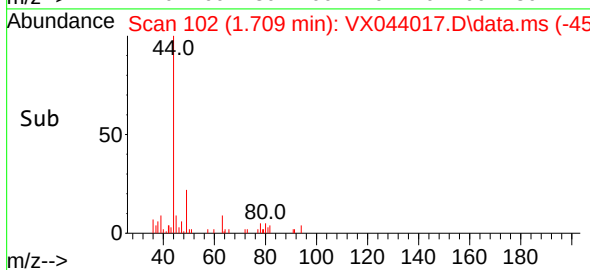
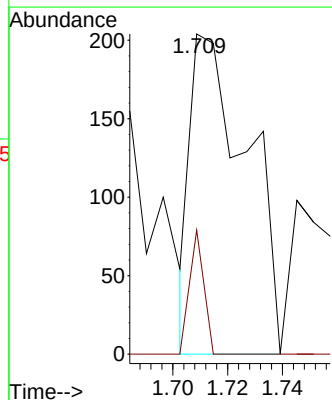
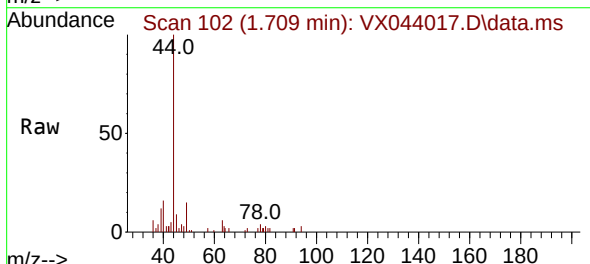
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

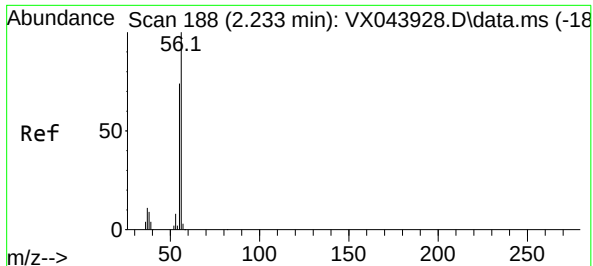
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 26.3 73.9 110.9#



#6
Chloroethane
Concen: 0.342 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.048 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 64 Resp: 292
Ion Ratio Lower Upper
64 100
66 38.7 25.9 38.9

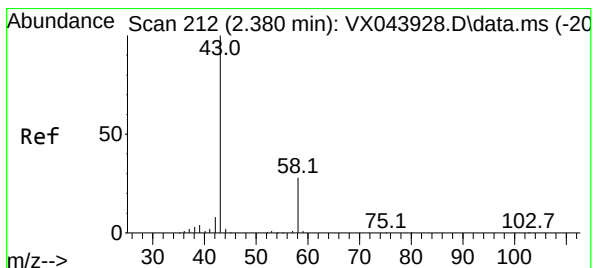
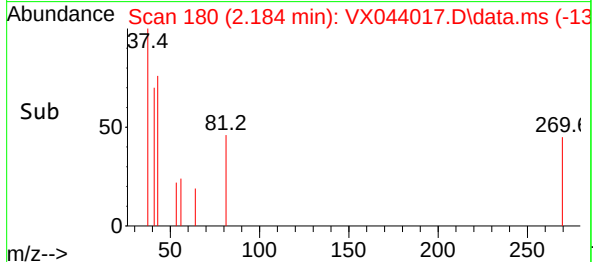
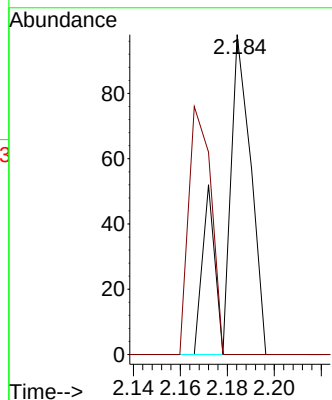
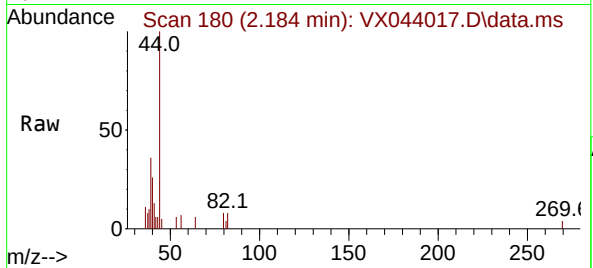




#13
Acrolein
Concen: 0.265 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

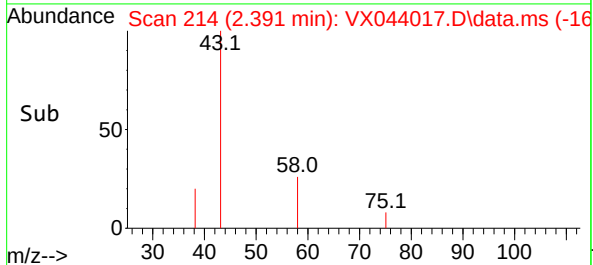
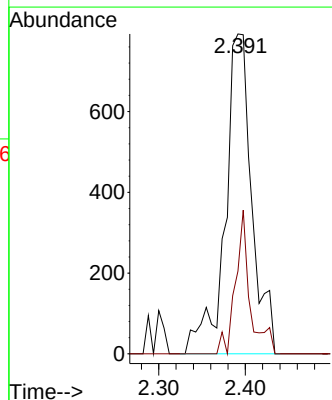
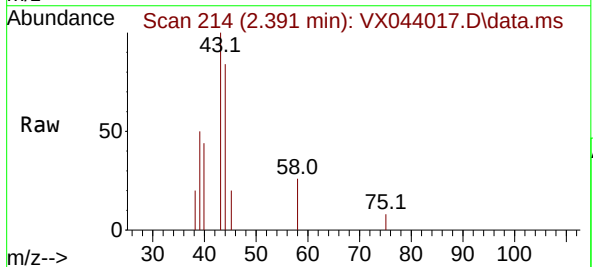
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

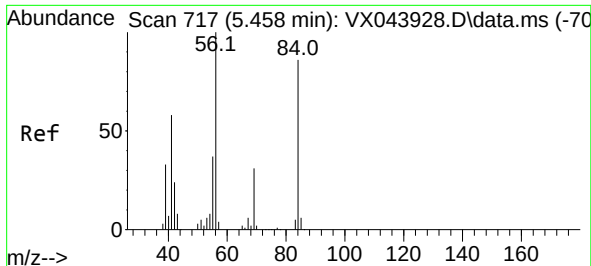
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 65.8 58.2 87.2



#16
Acetone
Concen: 2.174 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1

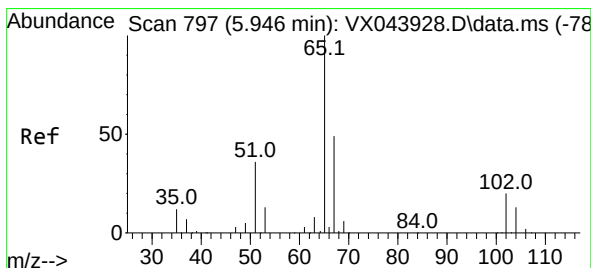
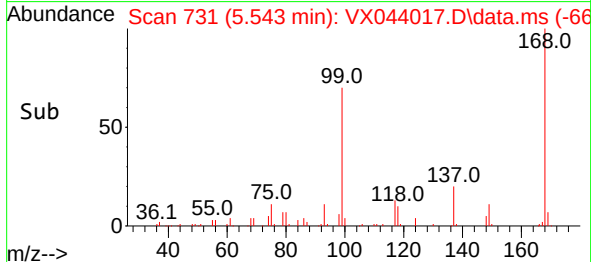
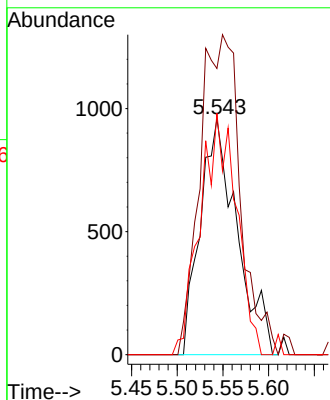
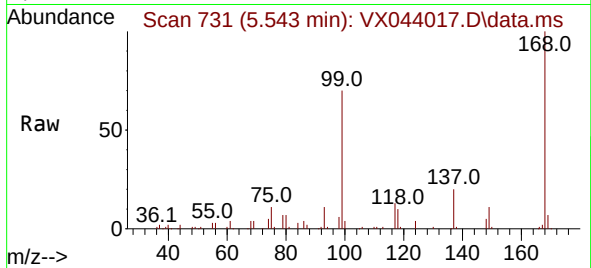




#31
Cyclohexane
Concen: 1.413 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

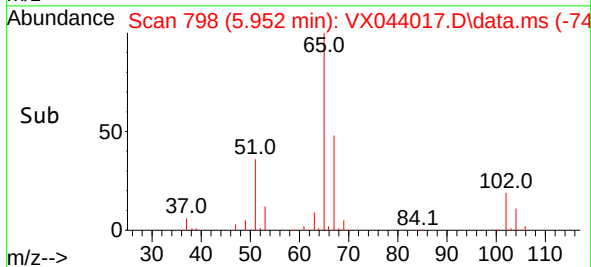
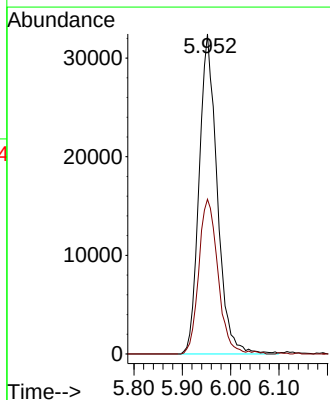
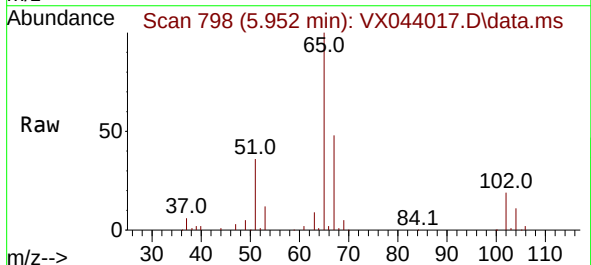
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

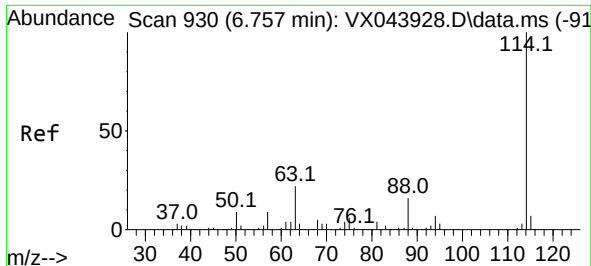
Tgt Ion: 56 Resp: 2671
Ion Ratio Lower Upper
56 100
69 121.3 24.7 37.1#
84 96.0 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 49.602 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 65 Resp: 84155
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

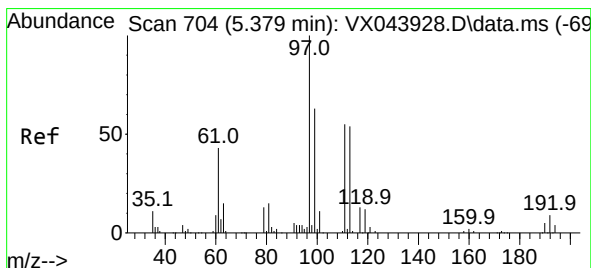
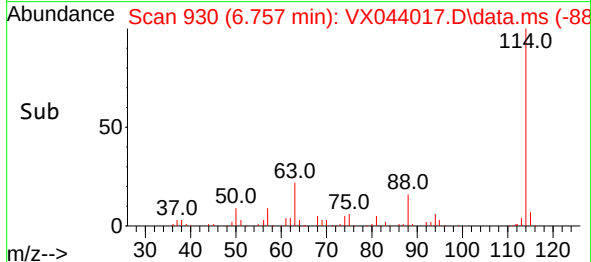
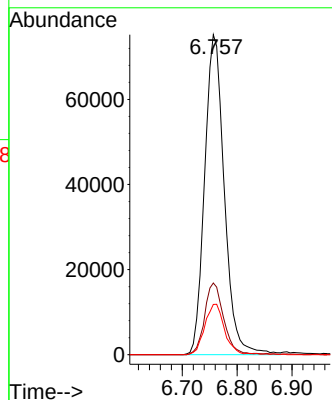
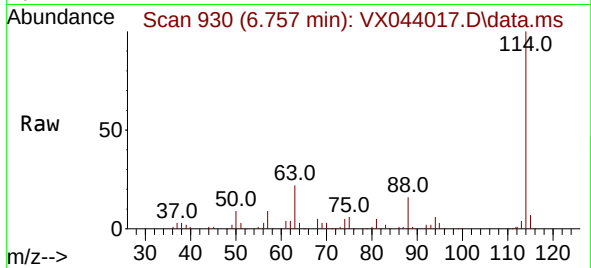




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

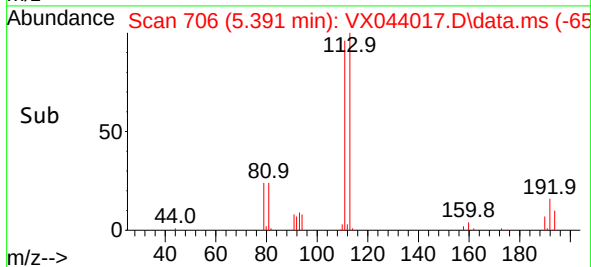
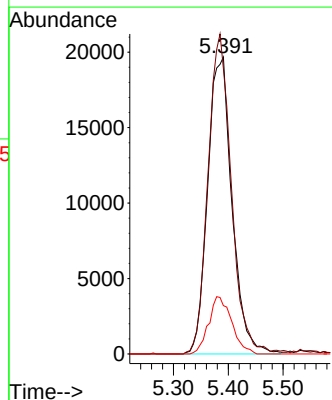
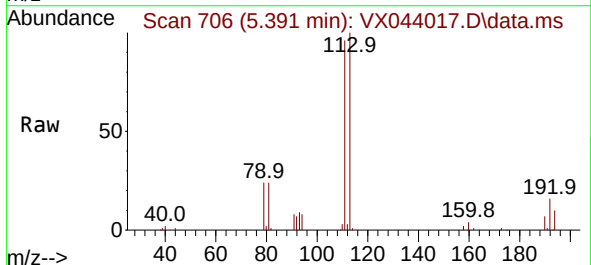
Instrument :
MSVOA_X
ClientSampleId :
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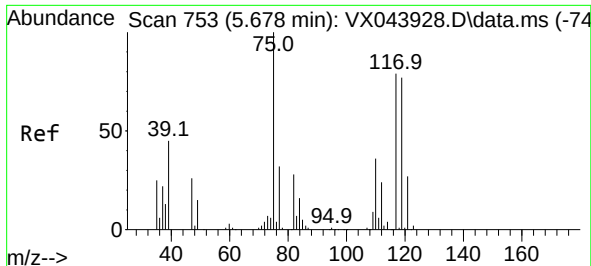
Tgt Ion:114 Resp: 187238
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.372 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion:113 Resp: 60703
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 18.3 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.555 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.135 min

Lab File: VX044017.D

Acq: 26 Nov 2024 15:14

Instrument :

MSVOA_X

ClientSampleId :

RW-10A-HYD-20241122

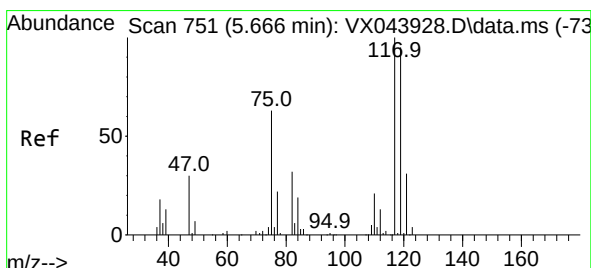
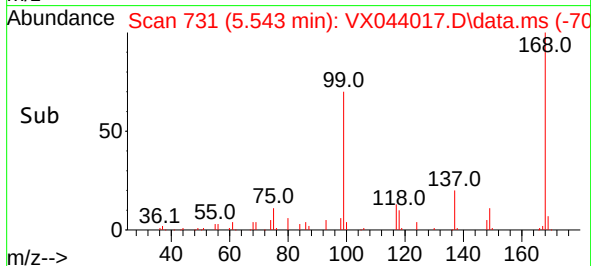
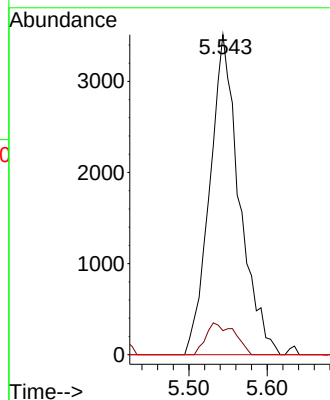
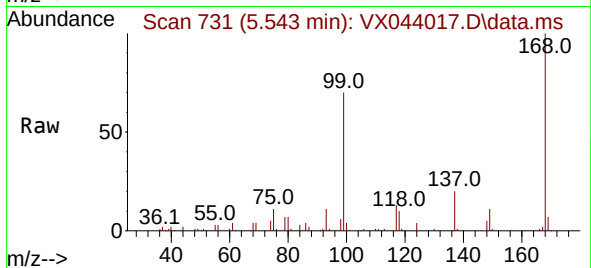
Tgt Ion: 75 Resp: 9261

Ion Ratio Lower Upper

75 100

110 9.5 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.222 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX044017.D

Acq: 26 Nov 2024 15:14

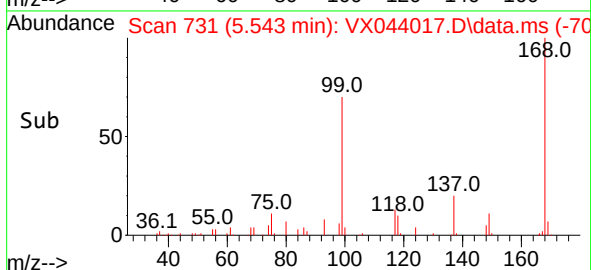
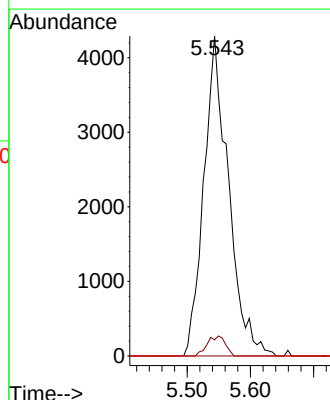
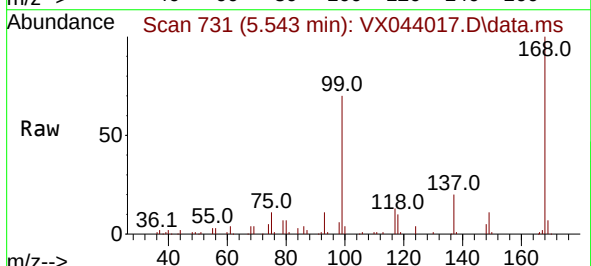
Tgt Ion: 117 Resp: 11655

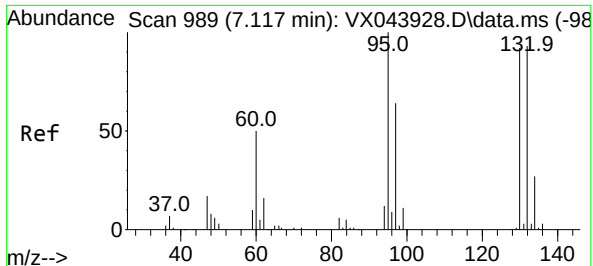
Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

121 0.0 24.5 36.7#

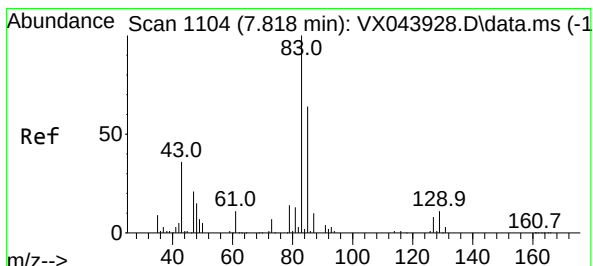
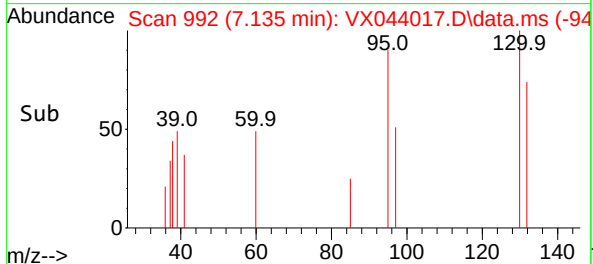
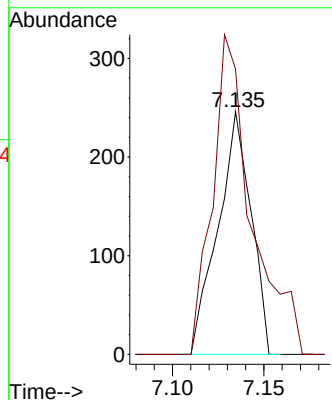
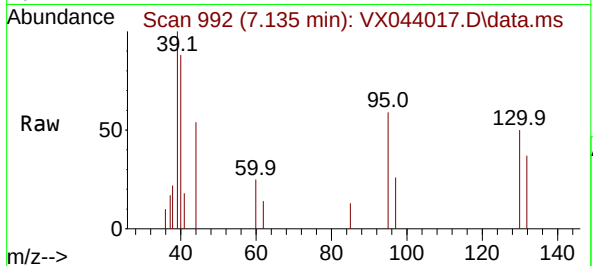




#44
Trichloroethene
Concen: 0.211 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

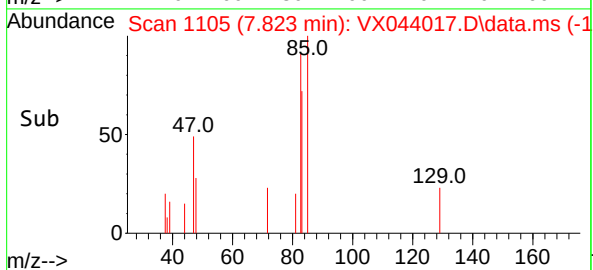
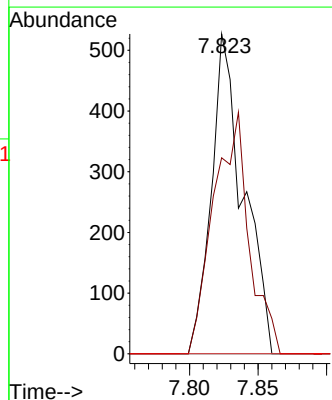
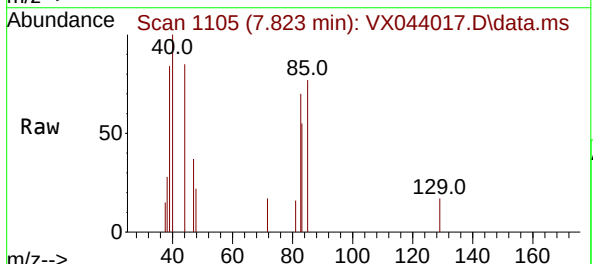
Instrument :
MSVOA_X
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RW-10A-HYD-20241122

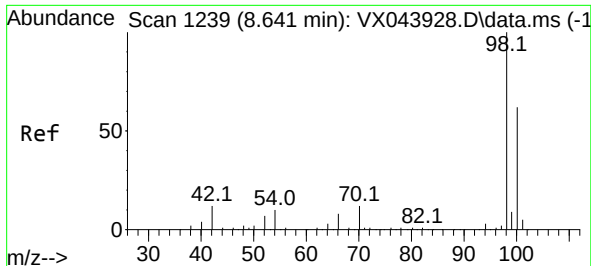
Tgt Ion:130 Resp: 310
Ion Ratio Lower Upper
130 100
95 117.5 0.0 217.8



#47
Bromodichloromethane
Concen: 0.473 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 83 Resp: 853
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.0
127 0.0 6.6 10.0#

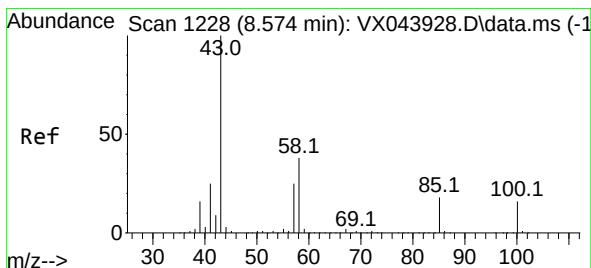
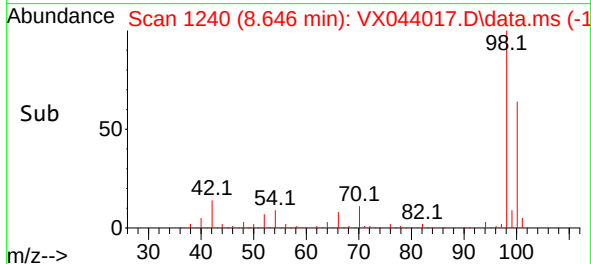
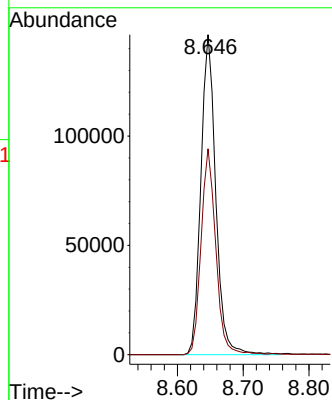
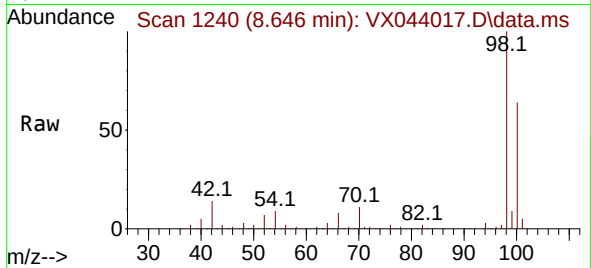




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

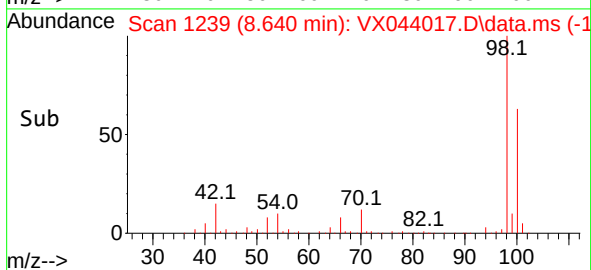
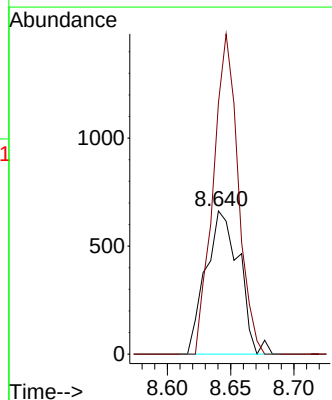
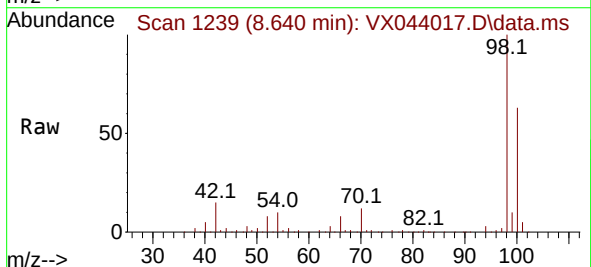
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

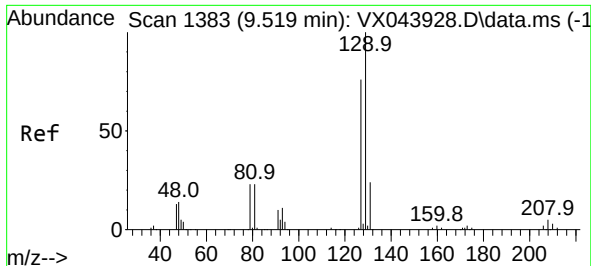
Tgt Ion: 98 Resp: 229899
Ion Ratio Lower Upper
98 100
100 63.7 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 166.9 30.0 45.0#

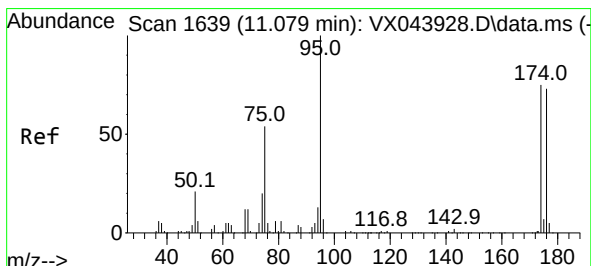
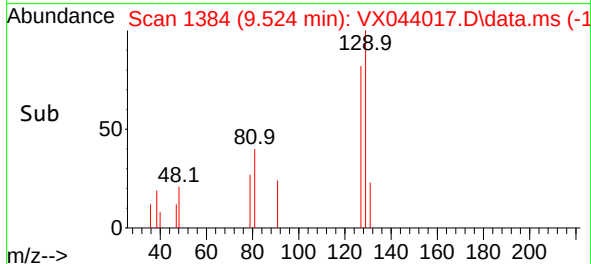
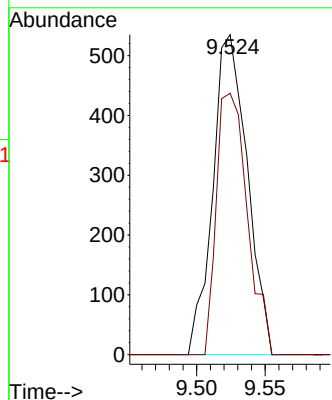
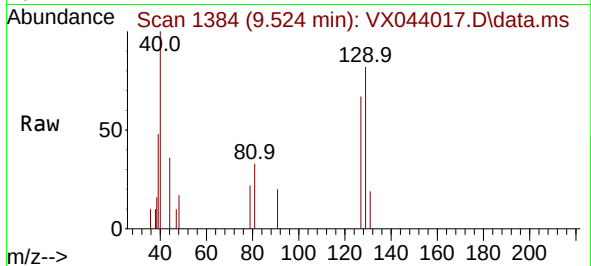




#60
Dibromochloromethane
Concen: 0.728 ug/l
RT: 9.524 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

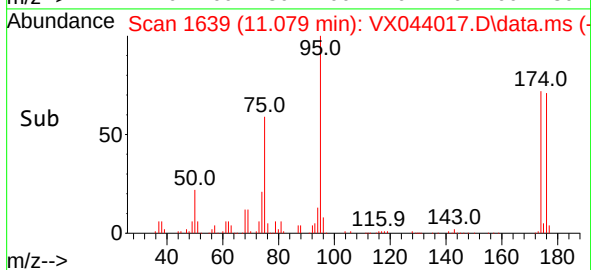
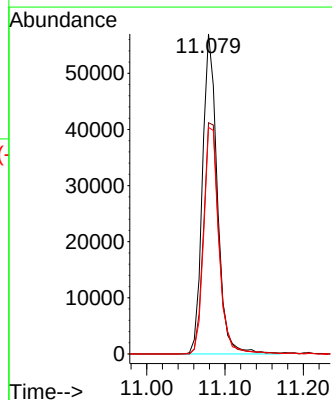
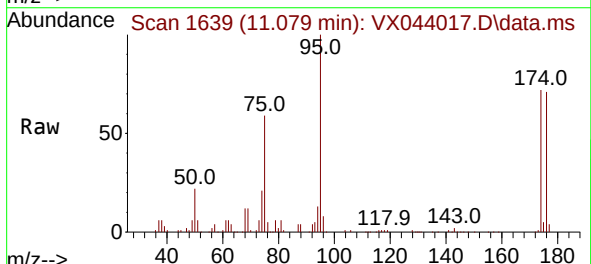
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

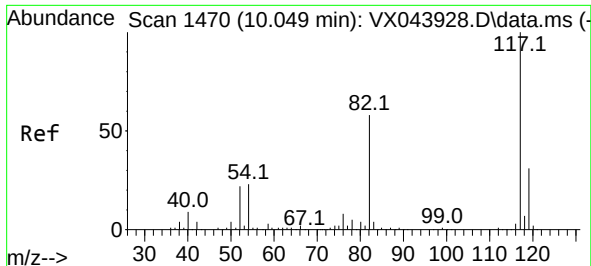
Tgt Ion:129 Resp: 937
Ion Ratio Lower Upper
129 100
127 73.3 38.2 114.6



#62
4-Bromofluorobenzene
Concen: 47.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion: 95 Resp: 74787
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 72.3 0.0 146.0

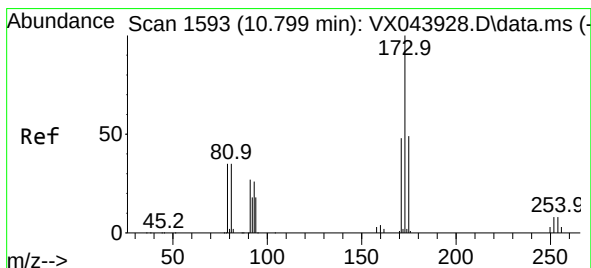
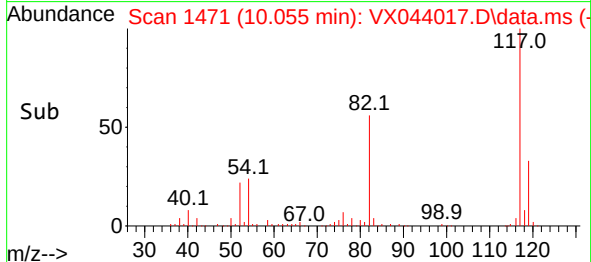
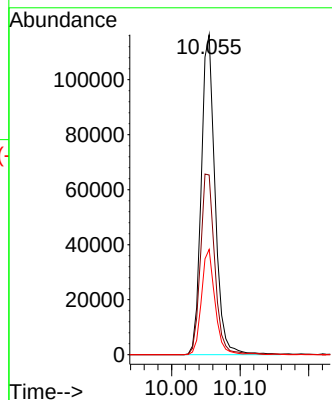
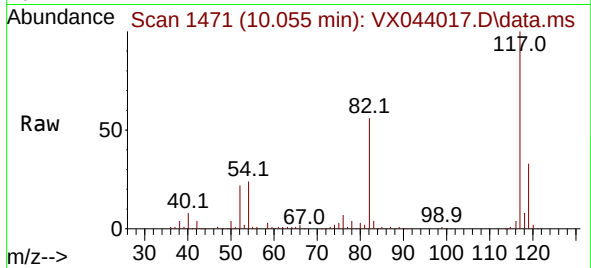




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

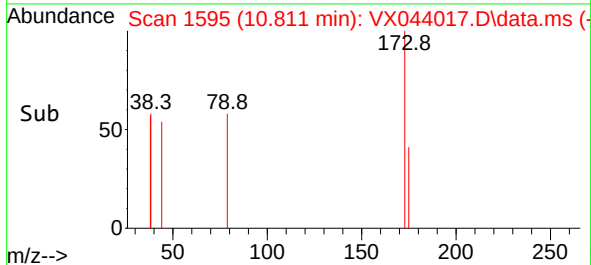
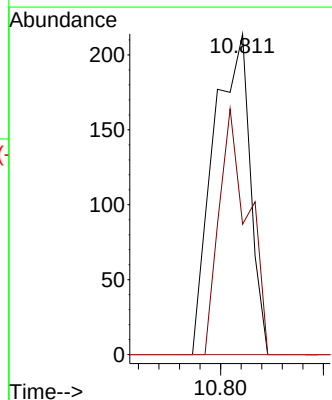
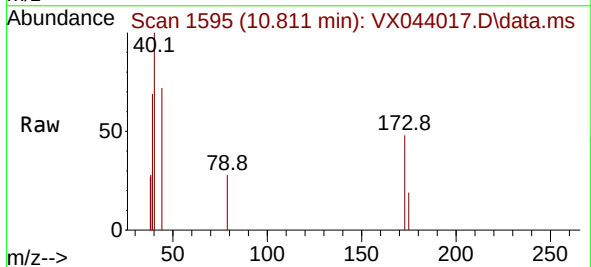
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241122

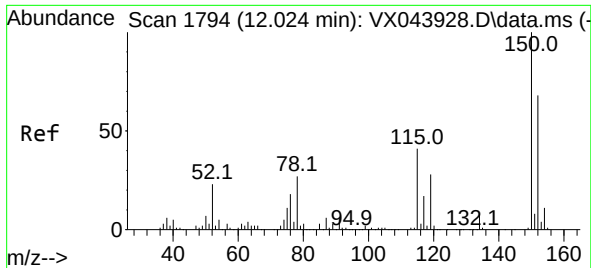
Tgt Ion:117 Resp: 163593
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.9 24.6 37.0



#71
Bromoform
Concen: 1.512 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX044017.D
Acq: 26 Nov 2024 15:14

Tgt Ion:173 Resp: 264
Ion Ratio Lower Upper
173 100
175 61.0 24.1 72.2
254 0.0 0.0 0.0

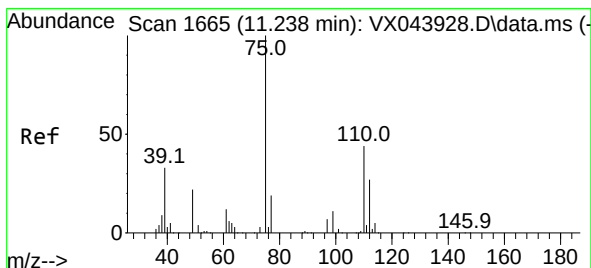
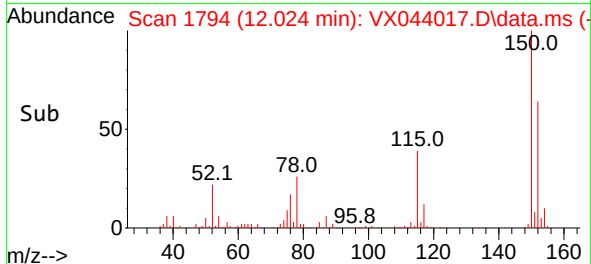
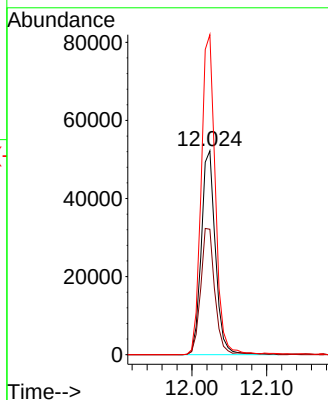
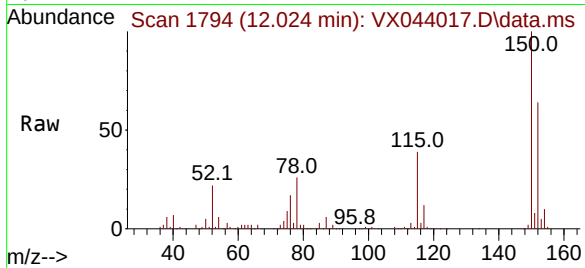




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX044017.D
 Acq: 26 Nov 2024 15:14

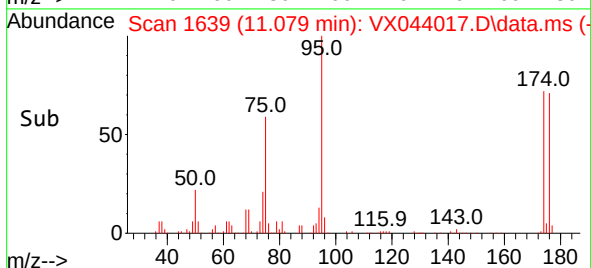
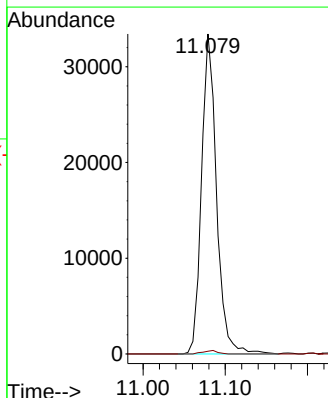
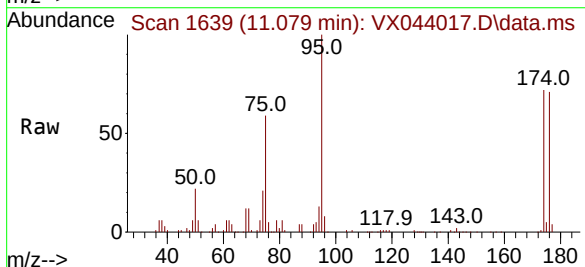
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-10A-HYD-20241122

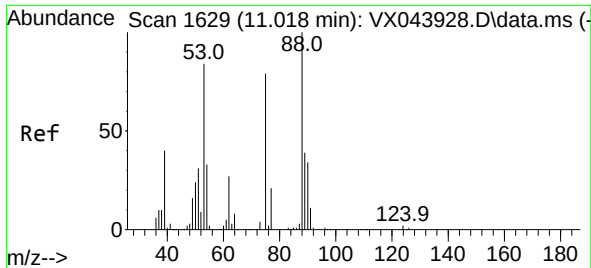
Tgt Ion:152 Resp: 68706
 Ion Ratio Lower Upper
 152 100
 115 62.4 45.4 136.2
 150 156.2 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.084 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044017.D
 Acq: 26 Nov 2024 15:14

Tgt Ion: 75 Resp: 42314
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.634 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.060 min
 Lab File: VX044017.D
 Acq: 26 Nov 2024 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-10A-HYD-20241122

Tgt Ion: 75 Resp: 42314
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

