

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030211.D
 Acq On : 26 Jul 2022 15:40
 Operator : JC/MD
 Sample : N3876-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-07-07192022

Quant Time: Jul 26 17:22:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

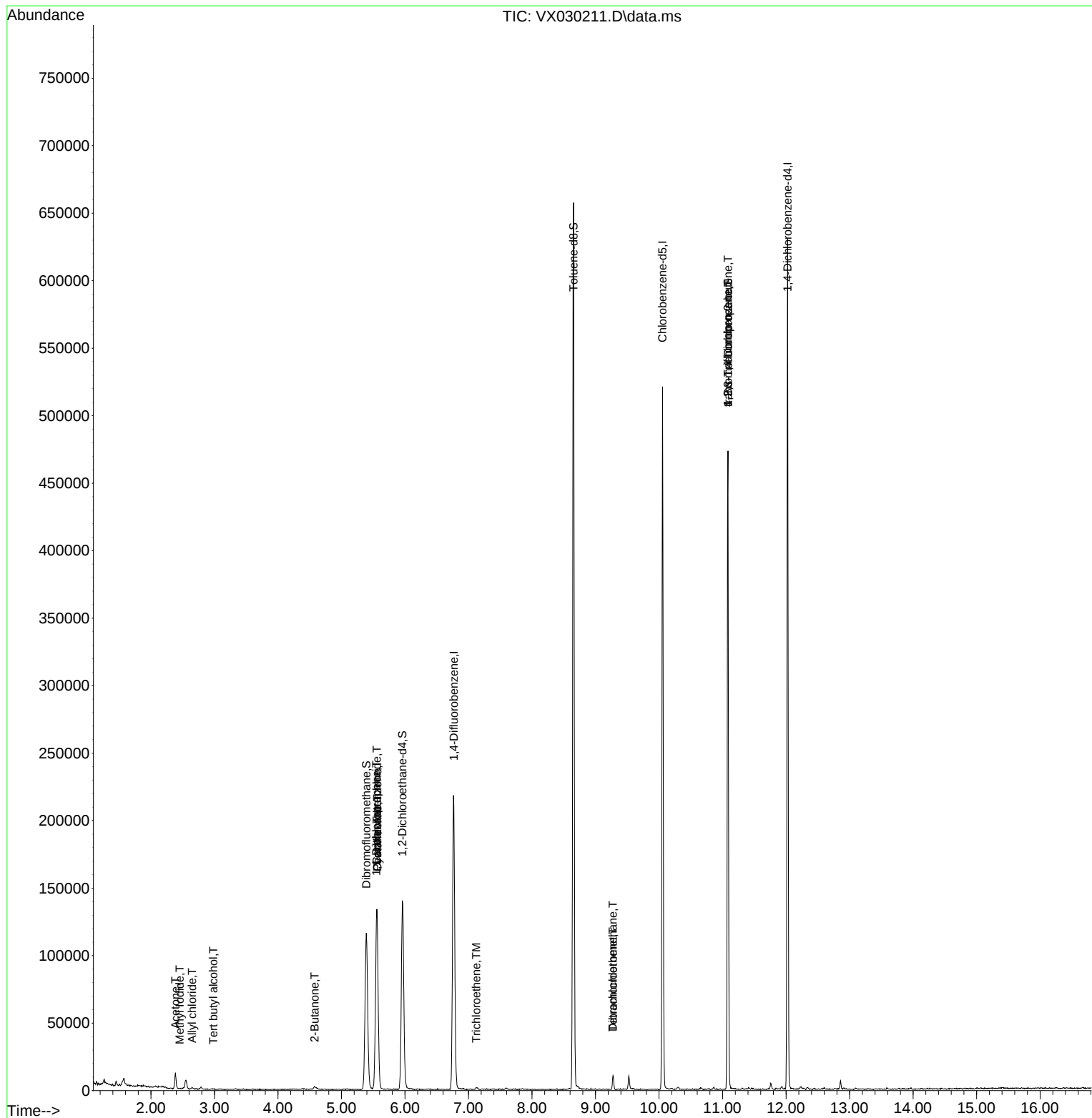
Internal Standards						
1) Pentafluorobenzene	5.562	168	123606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131950	53.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	5.391	113	103655	48.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.860%	
50) Toluene-d8	8.653	98	386881	47.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.320%	
62) 4-Bromofluorobenzene	11.085	95	132688	43.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	397	Below Cal	#	60
10) Methyl Iodide	2.453	142	560	1.807	ug/l #	45
11) Tert butyl alcohol	2.983	59	450	0.743	ug/l #	74
14) Allyl chloride	2.648	41	1158	0.291	ug/l #	51
16) Acetone	2.386	43	11790	9.269	ug/l	88
20) Methylene Chloride	2.788	84	804	Below Cal	#	81
25) 2-Butanone	4.574	43	3753	1.756	ug/l	92
31) Cyclohexane	5.562	56	2937	0.814	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	10526	3.452	ug/l #	45
38) Carbon Tetrachloride	5.556	117	12792	4.494	ug/l #	15
44) Trichloroethene	7.123	130	543	0.207	ug/l	46
60) Dibromochloromethane	9.275	129	1932	0.838	ug/l #	11
64) Tetrachloroethene	9.275	164	1861	0.786	ug/l	93
67) Ethyl Benzene	10.195	91	554	Below Cal	#	69
76) 1,2,3-Trichloropropane	11.085	75	65273	20.547	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	65273	61.640	ug/l #	12

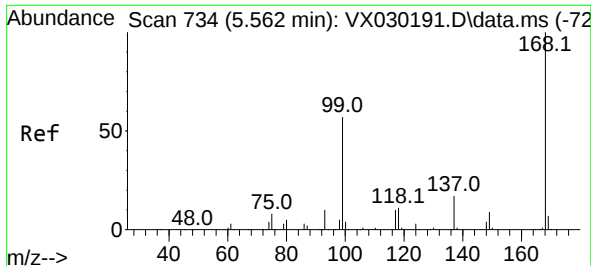
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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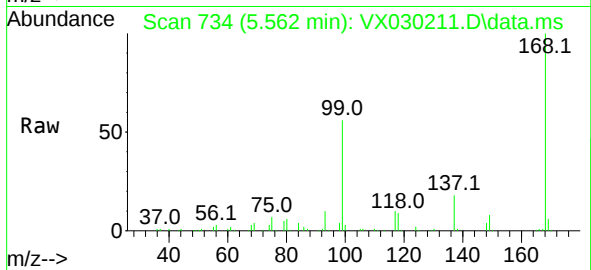
Quant Time: Jul 26 17:22:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



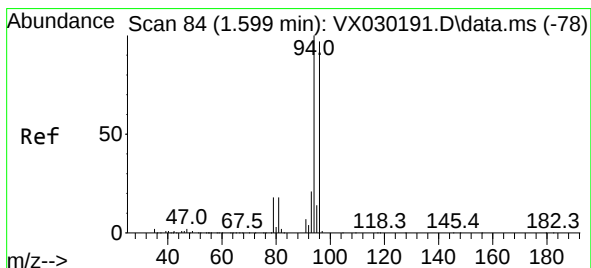
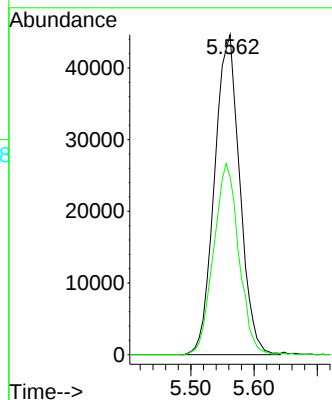
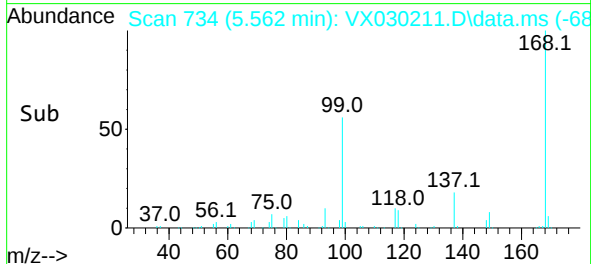


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

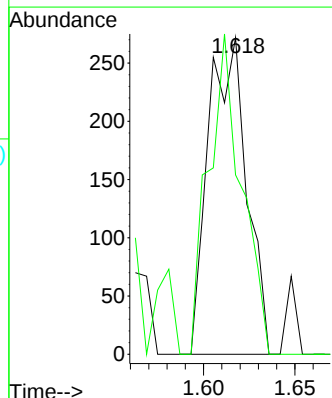
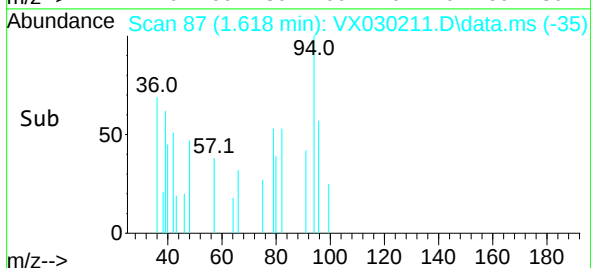
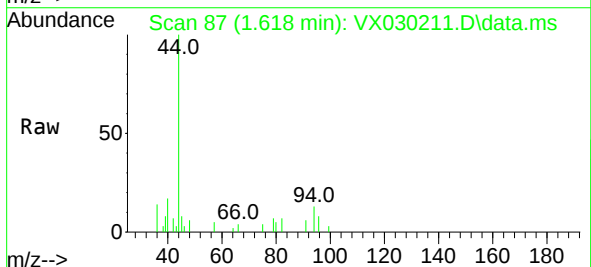


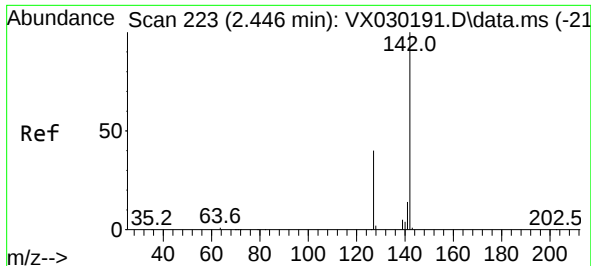
Tgt Ion:168 Resp: 123606
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 56.6 76.9 115.3#

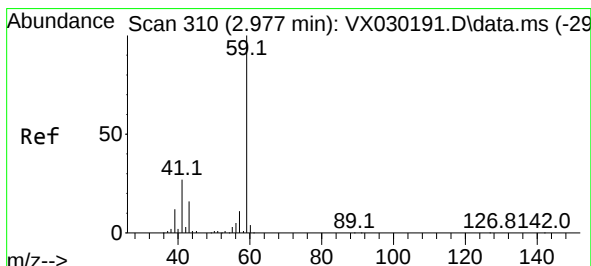
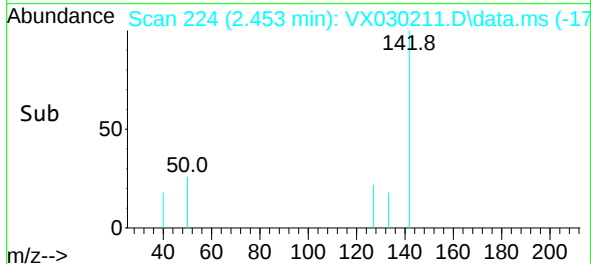
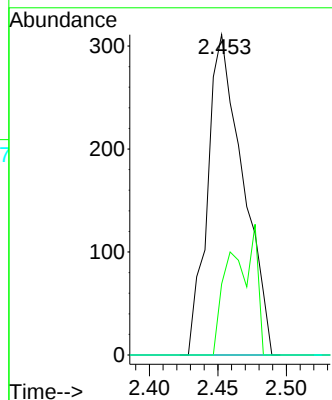
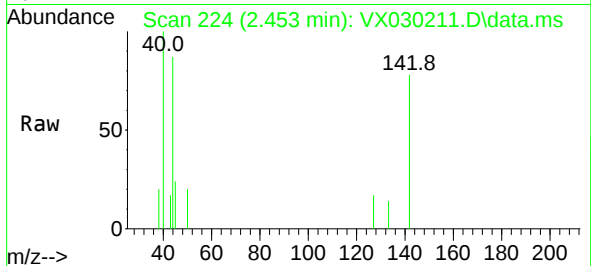




#10
Methyl Iodide
Concen: 1.807 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

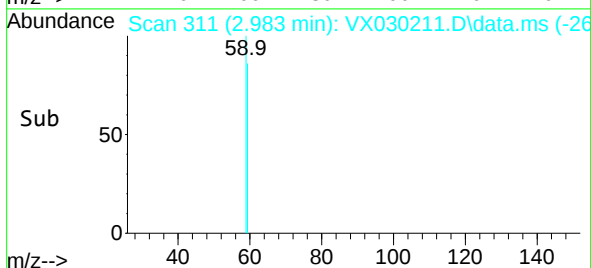
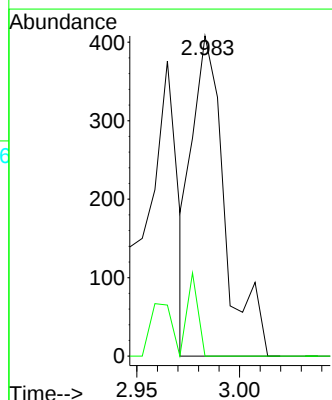
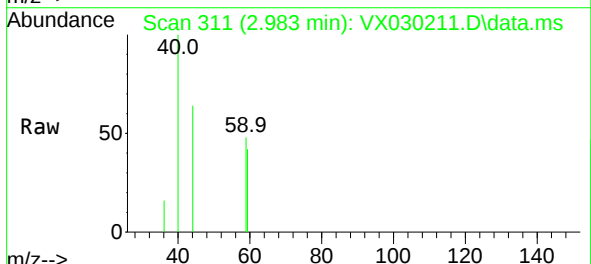
Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

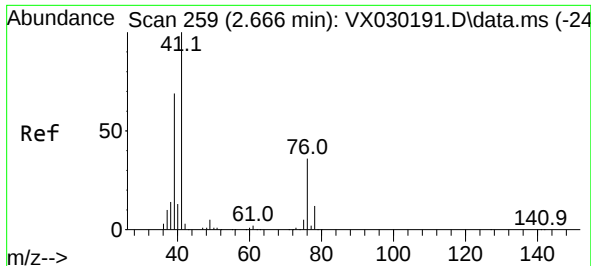
Tgt Ion:142 Resp: 560
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.743 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

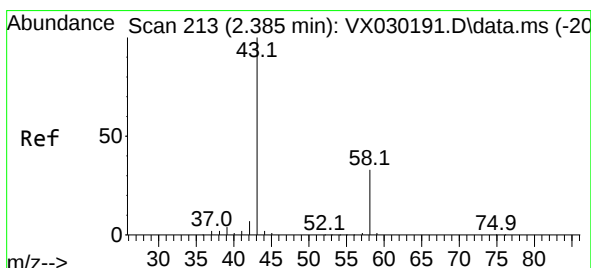
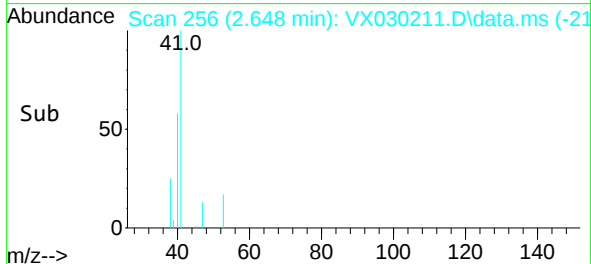
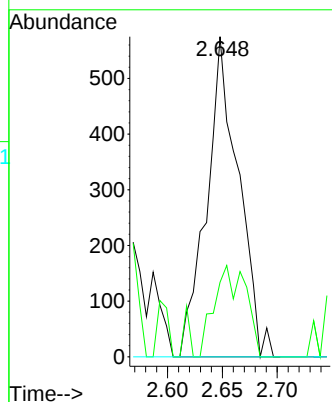
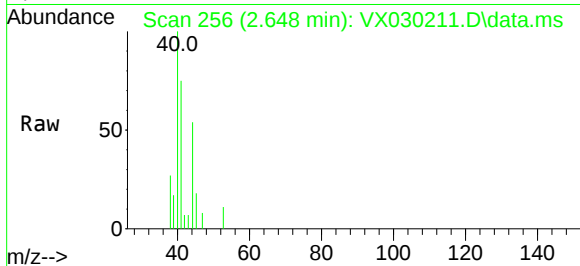




#14
 Allyl chloride
 Concen: 0.291 ug/l
 RT: 2.648 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VX030211.D
 Acq: 26 Jul 2022 15:40

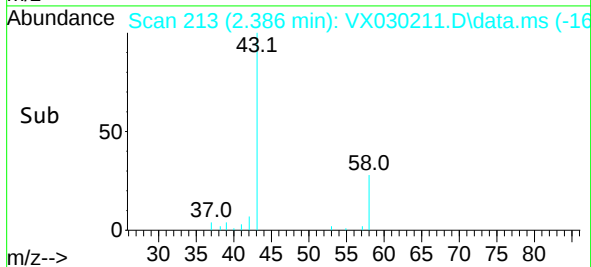
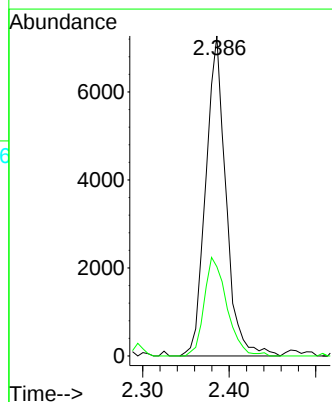
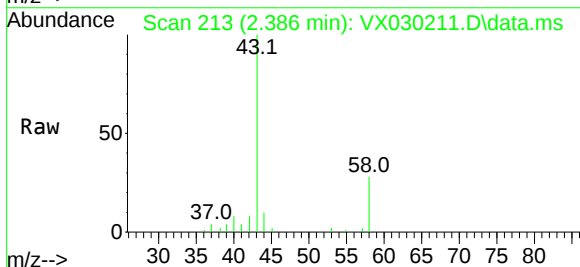
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-07-07192022

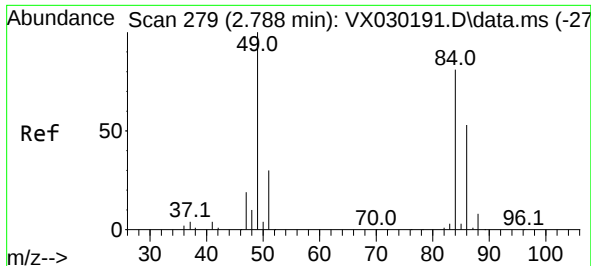
Tgt Ion: 41 Resp: 1158
 Ion Ratio Lower Upper
 41 100
 39 28.3 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 9.269 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.001 min
 Lab File: VX030211.D
 Acq: 26 Jul 2022 15:40

Tgt Ion: 43 Resp: 11790
 Ion Ratio Lower Upper
 43 100
 58 27.9 27.7 41.5

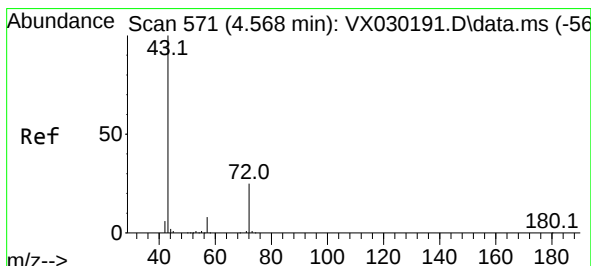
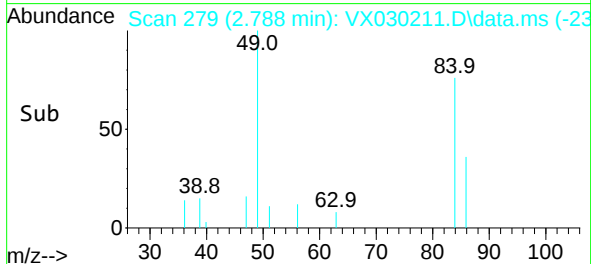
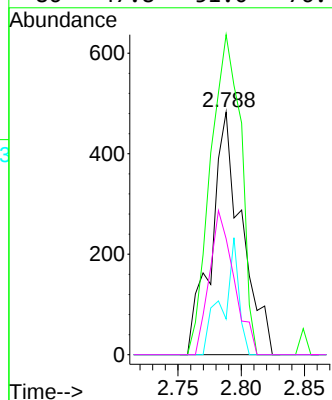
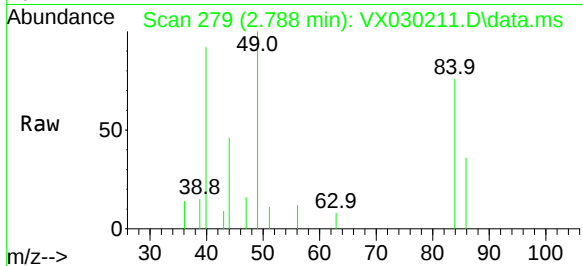




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

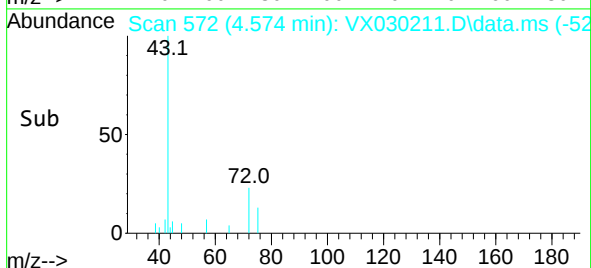
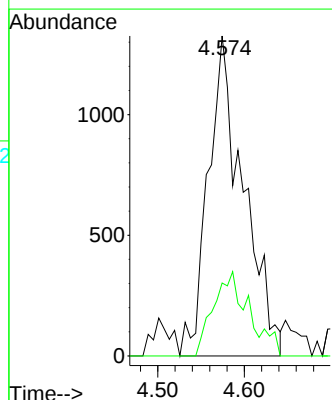
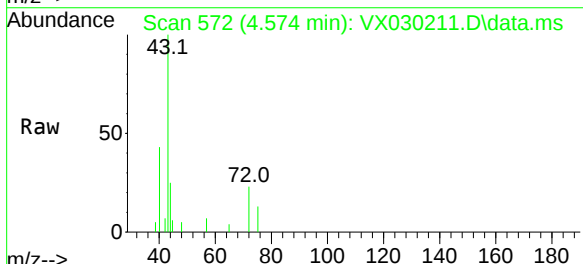
Instrument :
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ClientSampleId :
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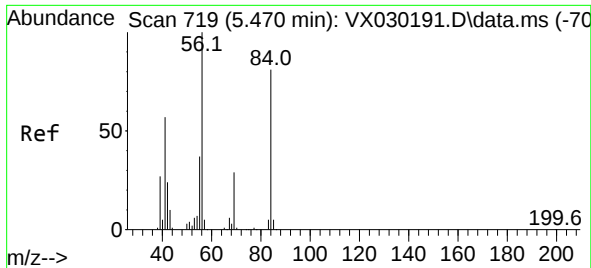
Tgt Ion:	84	Resp:	804
Ion	Ratio	Lower	Upper
84	100		
49	131.9	93.8	140.6
51	14.7	29.4	44.0#
86	47.8	51.0	76.4#



#25
2-Butanone
Concen: 1.756 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion:	43	Resp:	3753
Ion	Ratio	Lower	Upper
43	100		
72	22.8	21.7	32.5

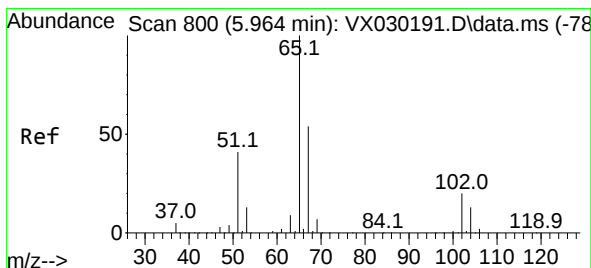
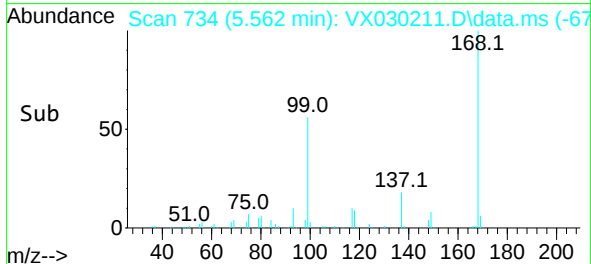
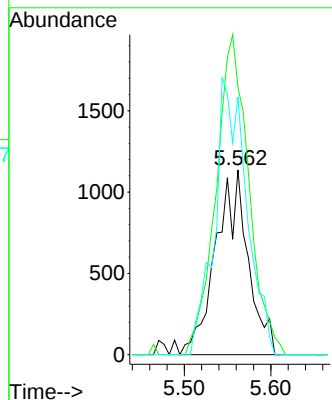
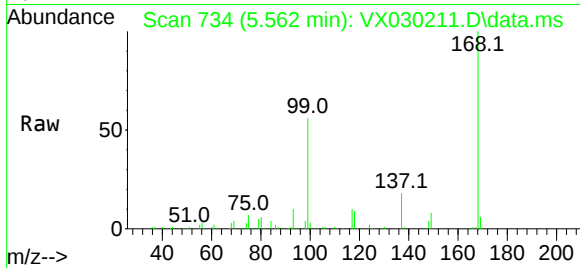




#31
Cyclohexane
Concen: 0.814 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

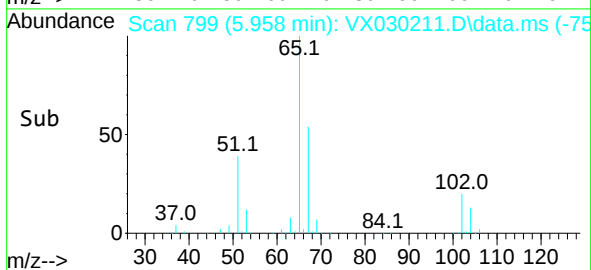
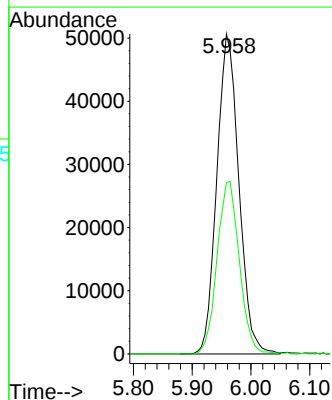
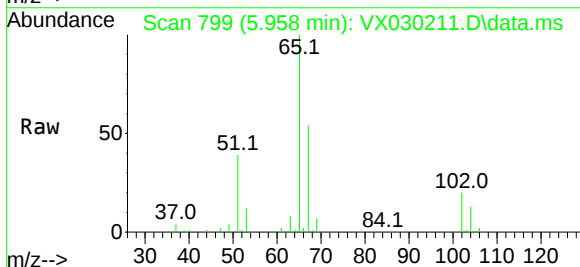
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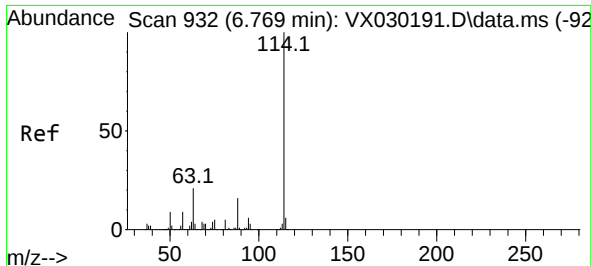
Tgt Ion: 56 Resp: 2937
Ion Ratio Lower Upper
56 100
69 144.6 25.4 38.0#
84 139.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 65 Resp: 131950
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

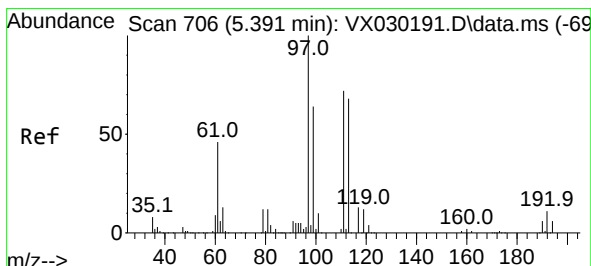
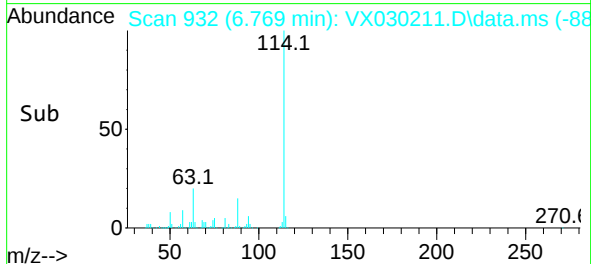
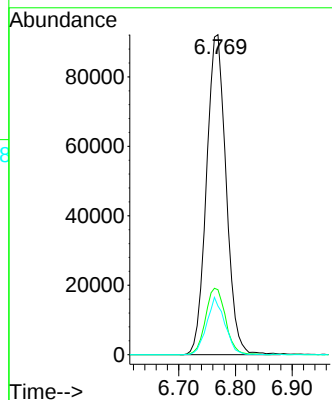
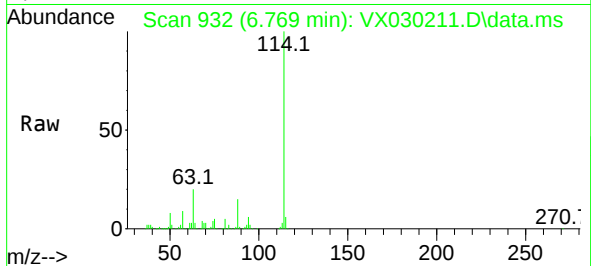




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

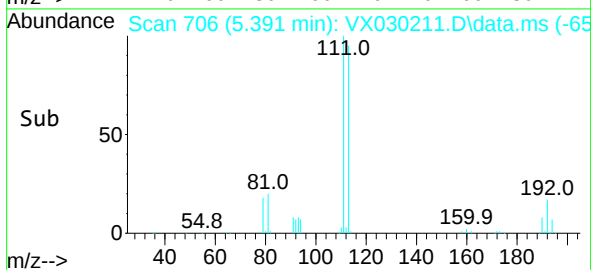
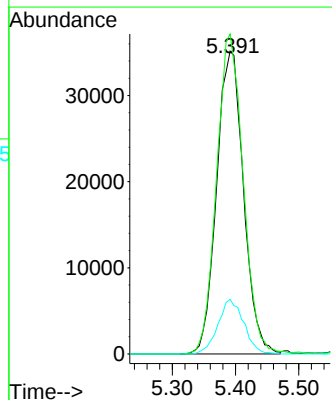
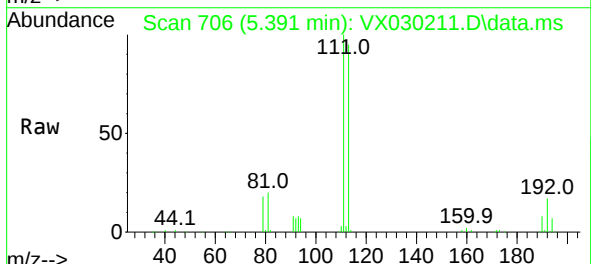
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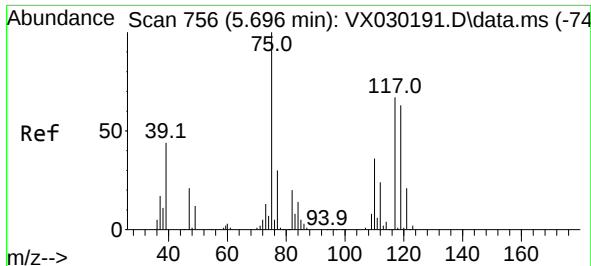
Tgt Ion:114 Resp: 221617
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.4
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.927 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion:113 Resp: 103655
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 17.3 14.8 22.2

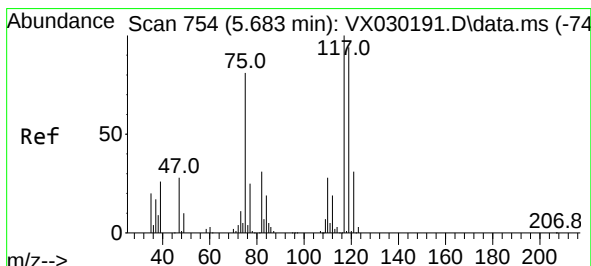
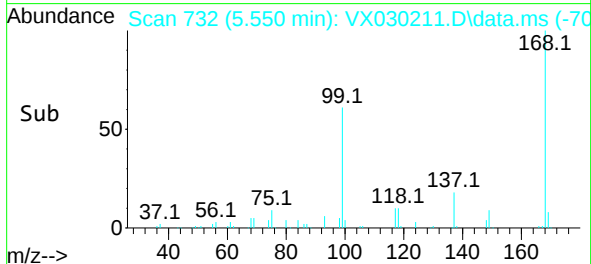
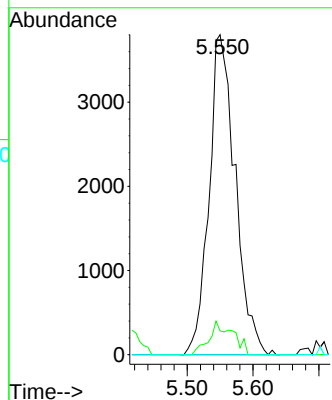
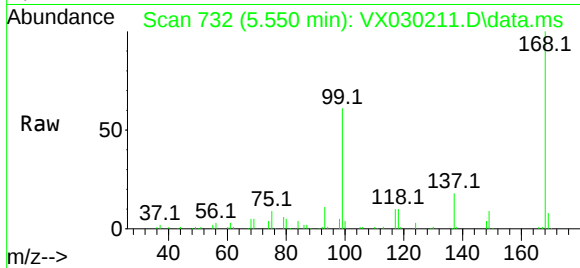




#36
1,1-Dichloropropene
Concen: 3.452 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

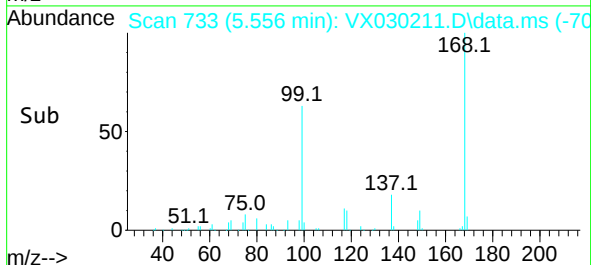
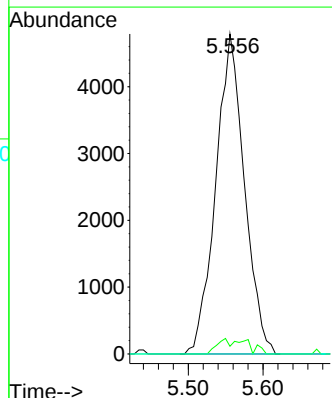
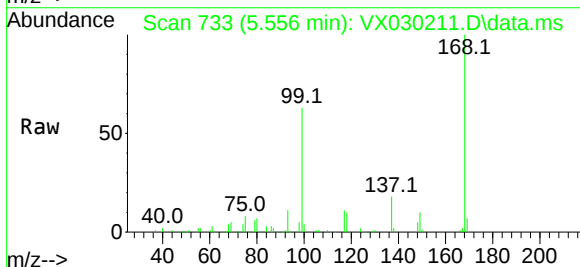
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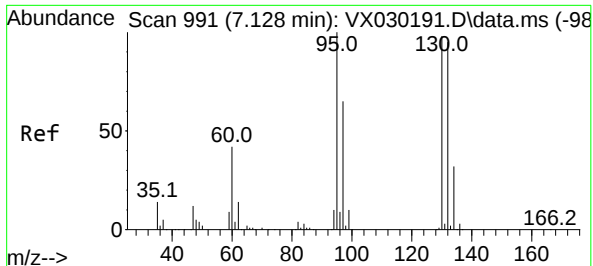
Tgt Ion: 75 Resp: 10526
Ion Ratio Lower Upper
75 100
110 5.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.494 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 117 Resp: 12792
Ion Ratio Lower Upper
117 100
119 2.4 74.1 111.1#
121 0.0 25.8 38.8#

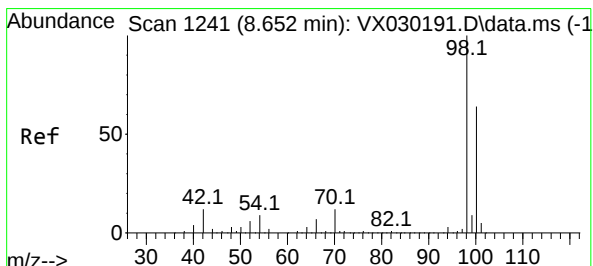
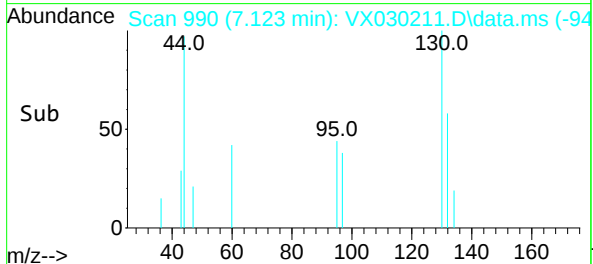
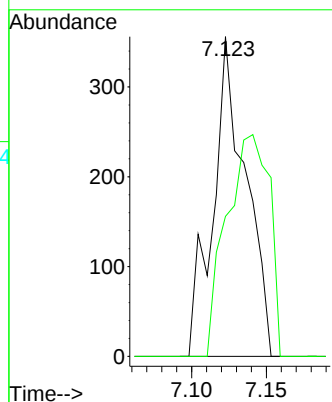
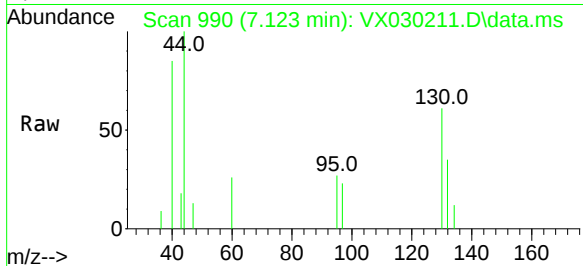




#44
Trichloroethene
Concen: 0.207 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.005 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

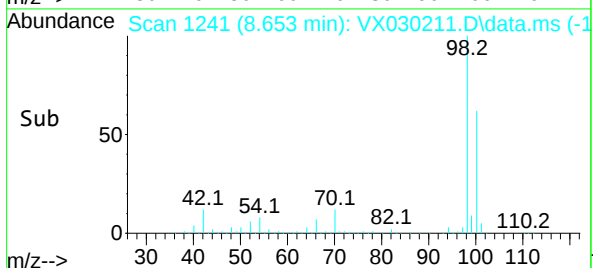
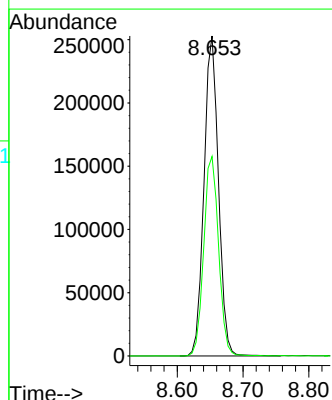
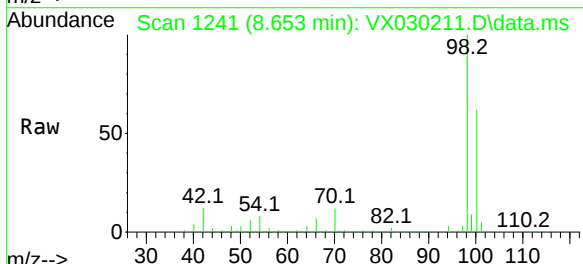
Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

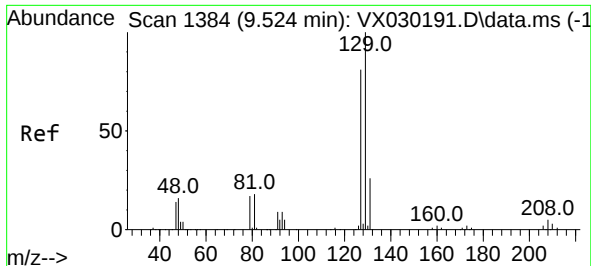
Tgt Ion:130 Resp: 543
Ion Ratio Lower Upper
130 100
95 43.8 0.0 194.8



#50
Toluene-d8
Concen: 47.155 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 98 Resp: 386881
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

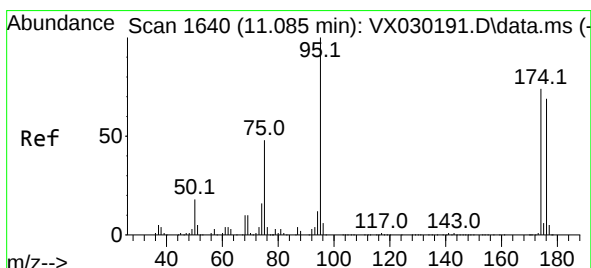
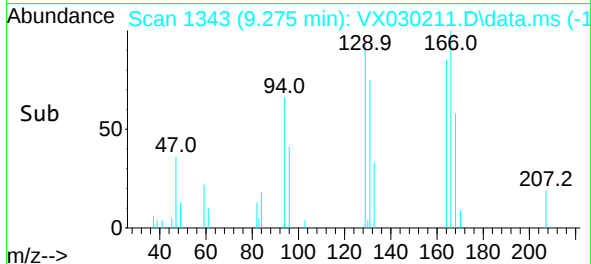
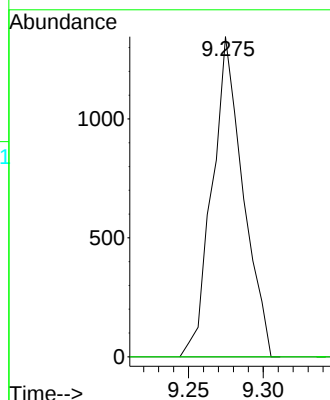
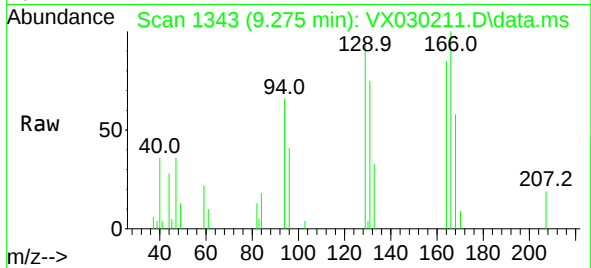




#60
Dibromochloromethane
Concen: 0.838 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.249 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

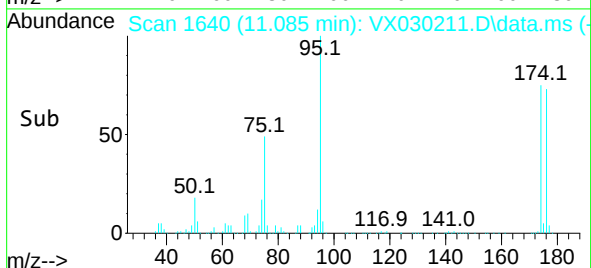
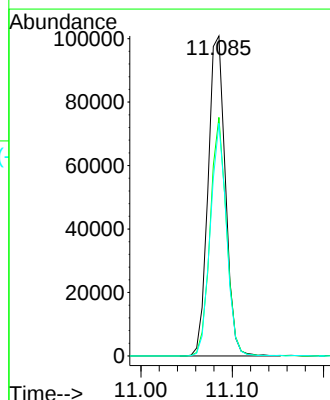
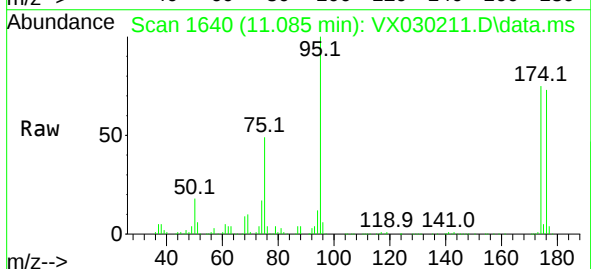
Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

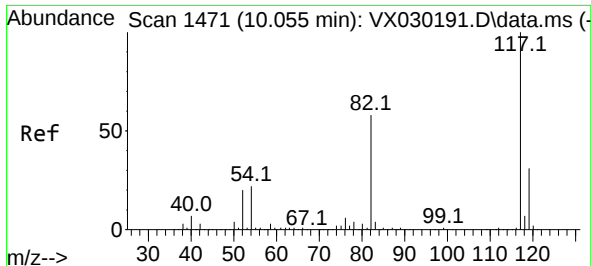
Tgt Ion:129 Resp: 1932
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 95 Resp: 132688
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 67.7 0.0 146.0

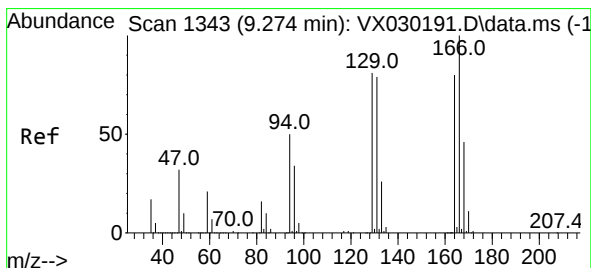
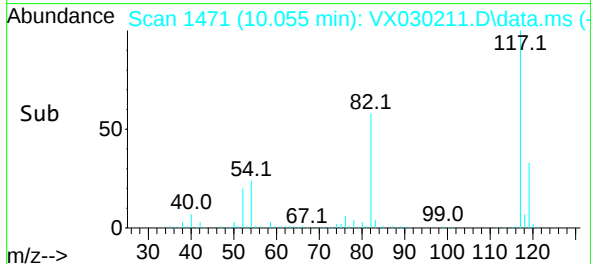
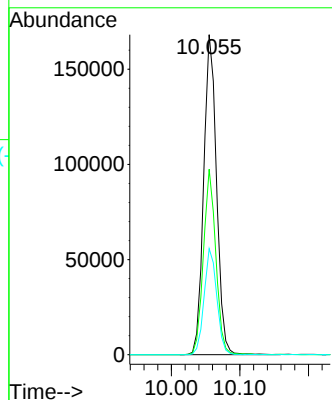
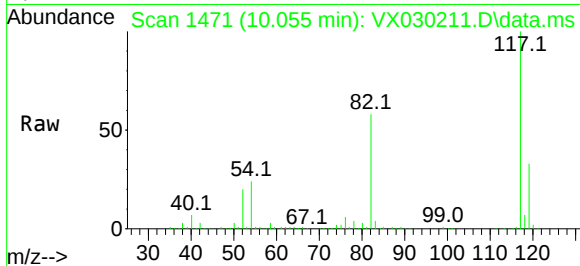




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

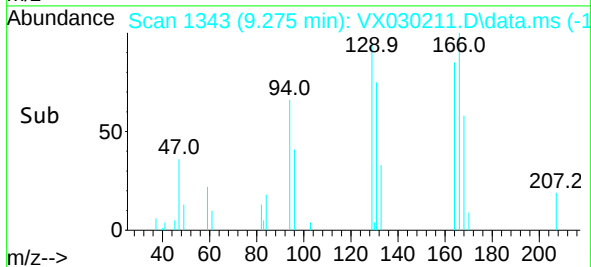
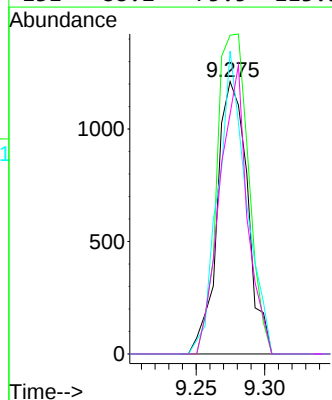
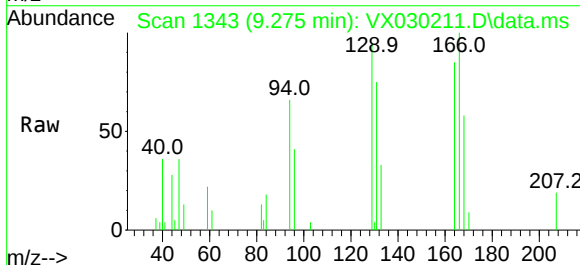
Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

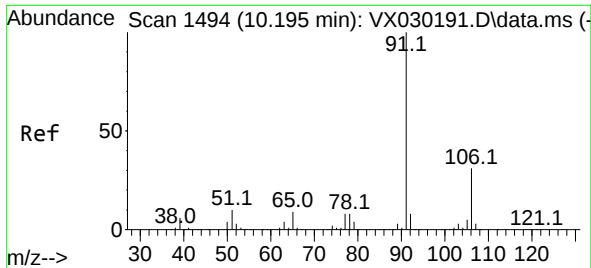
Tgt Ion:117 Resp: 219890
Ion Ratio Lower Upper
117 100
82 57.9 42.7 64.1
119 33.2 25.4 38.2



#64
Tetrachloroethene
Concen: 0.786 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion:164 Resp: 1861
Ion Ratio Lower Upper
164 100
166 117.0 98.2 147.4
129 111.1 80.8 121.2
131 88.2 75.5 113.3

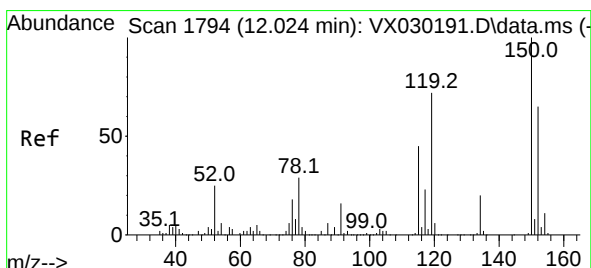
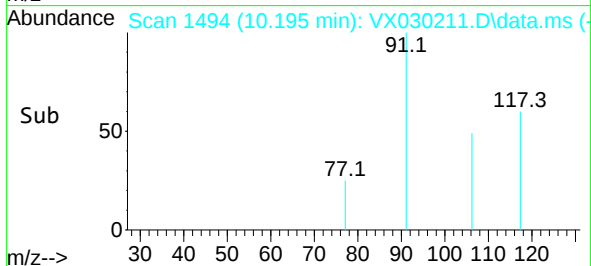
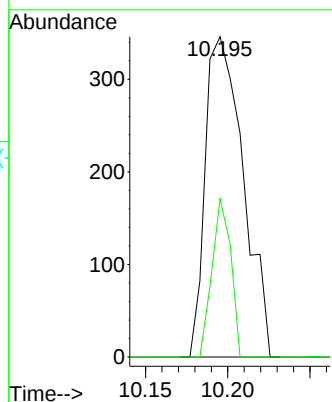
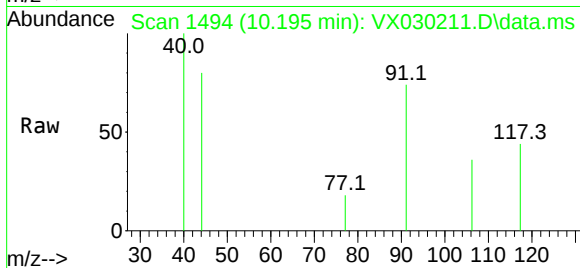




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

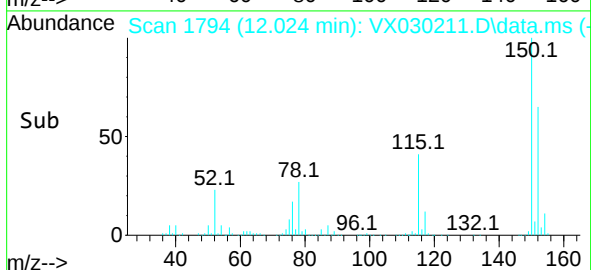
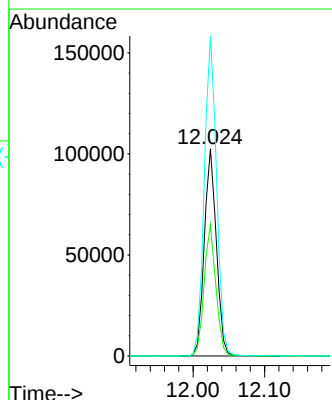
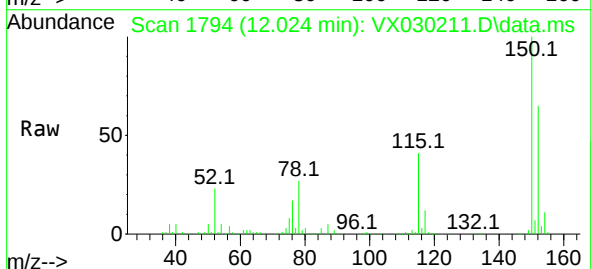
Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

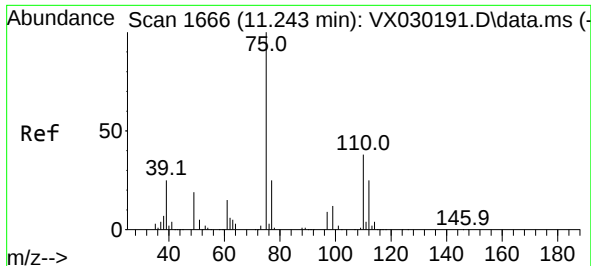
Tgt Ion: 91 Resp: 554
Ion Ratio Lower Upper
91 100
106 49.4 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion:152 Resp: 120516
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 155.9 0.0 347.0

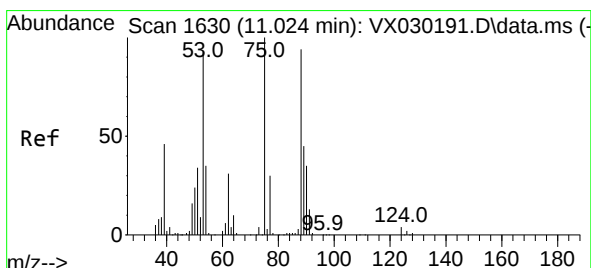
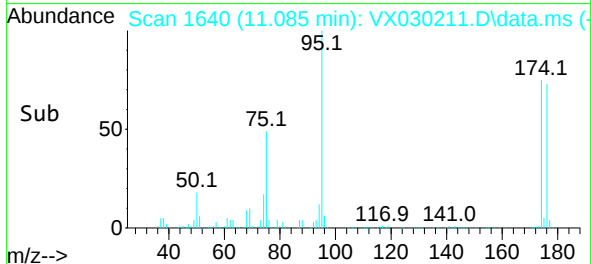
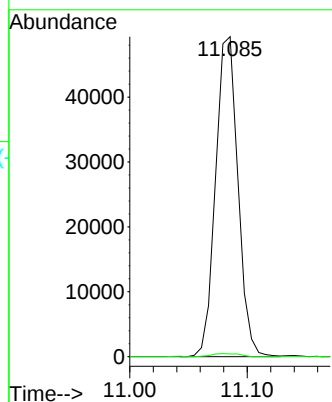
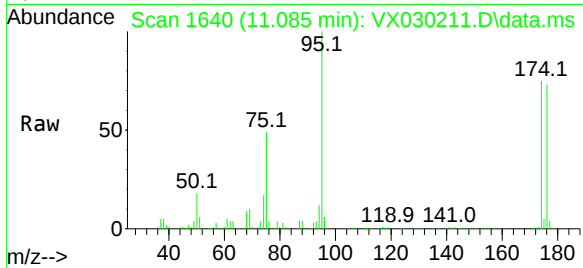




#76
1,2,3-Trichloropropane
Concen: 20.547 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
EB-07-07192022

Tgt Ion: 75 Resp: 65273
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.640 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030211.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 75 Resp: 65273
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

