

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022613.D
 Acq On : 09 Jun 2021 15:00
 Operator : JC/MD
 Sample : M2652-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB09-20210608

Quant Time: Jun 10 05:42:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

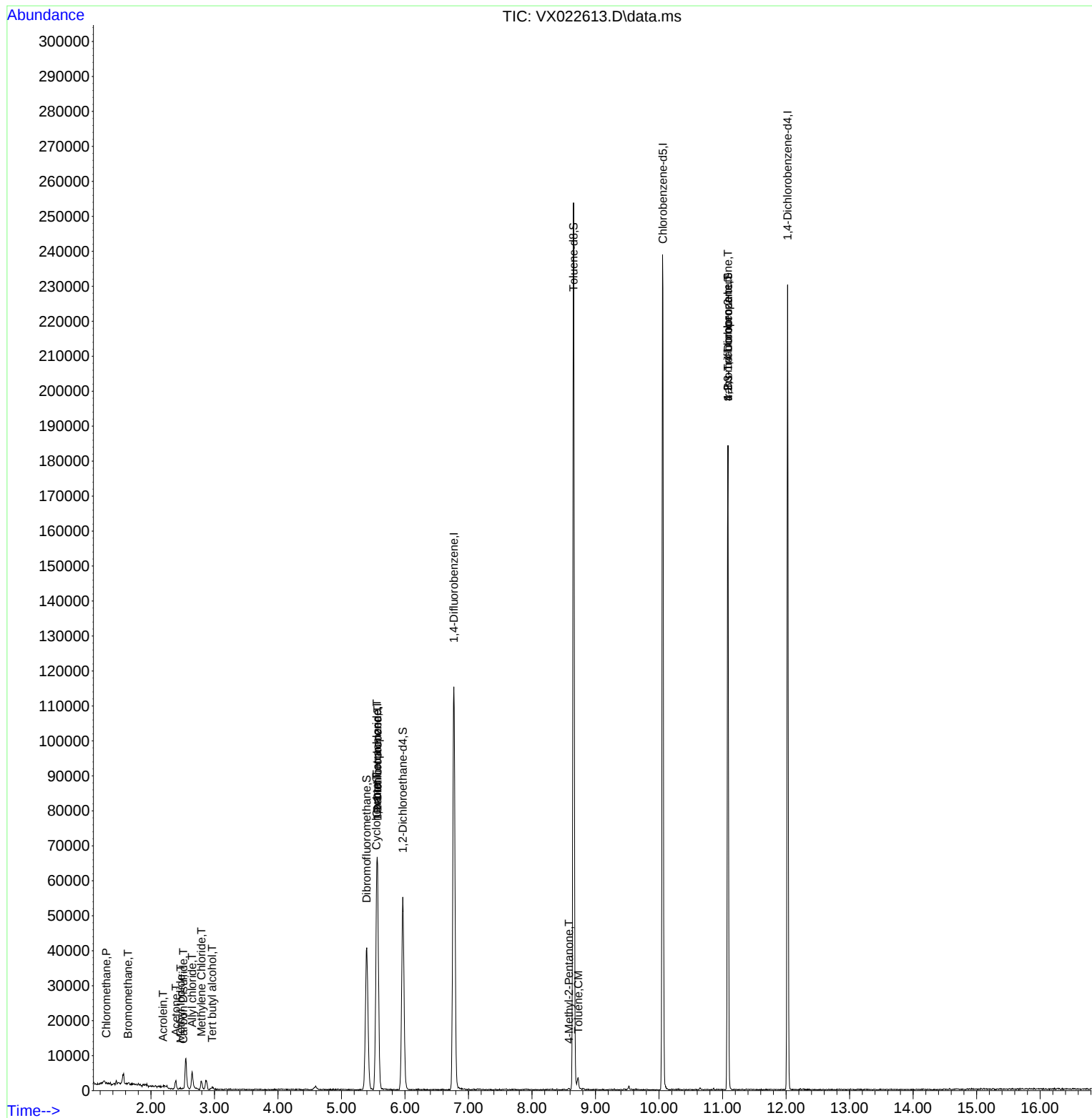
Internal Standards						
1) Pentafluorobenzene	5.562	168	56780	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	104005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48796	48.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.68%
35) Dibromofluoromethane	5.397	113	34505	47.80	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.60%
50) Toluene-d8	8.653	98	142469	49.46	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.92%
62) 4-Bromofluorobenzene	11.085	95	50422	47.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.20%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	195	0.24	ug/l	92
5) Bromomethane	1.636	94	226	0.55	ug/l	# 2
10) Methyl Iodide	2.465	142	200	0.24	ug/l	# 42
11) Tert butyl alcohol	2.965	59	746	3.29	ug/l	# 73
13) Acrolein	2.190	56	20	3.30	ug/l	# 1
14) Allyl chloride	2.648	41	5131	3.89	ug/l	# 47
16) Acetone	2.392	43	2394	5.28	ug/l	96
17) Carbon Disulfide	2.507	76	446	3.61	ug/l	# 75
20) Methylene Chloride	2.794	84	1112	1.17	ug/l	# 83
31) Cyclohexane	5.550	56	1808	1.51	ug/l	# 52
36) 1,1-Dichloropropene	5.568	75	5380	4.82	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6626	8.21	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.580	43	358	0.25	ug/l	# 74
52) Toluene	8.726	92	1145	0.53	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	26935	25.94	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26935	63.97	ug/l	# 12

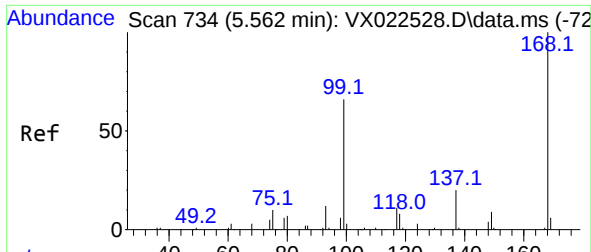
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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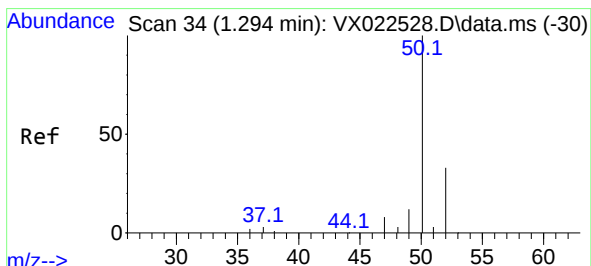
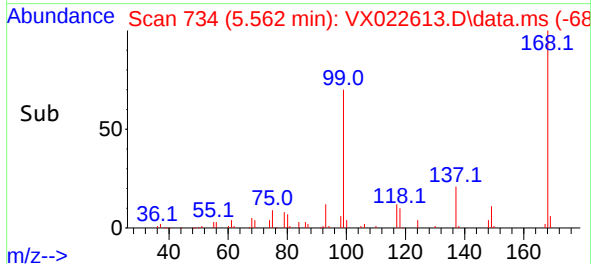
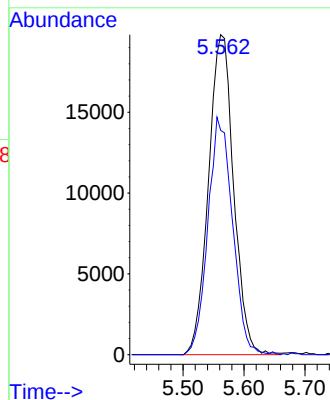
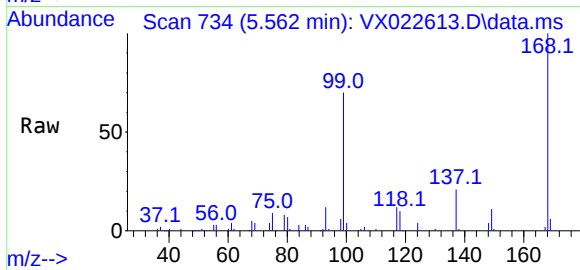




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

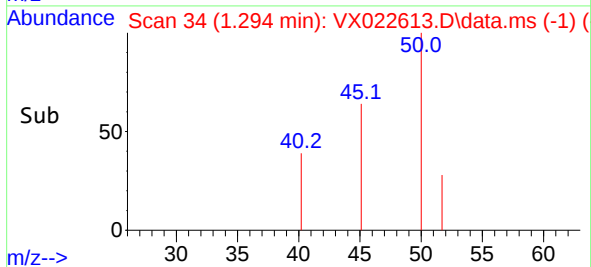
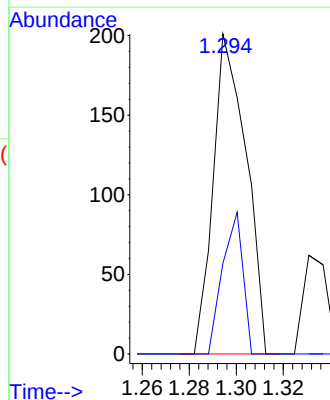
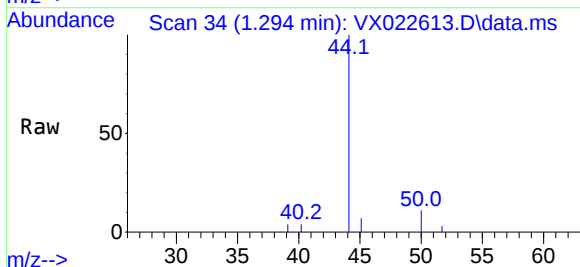
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

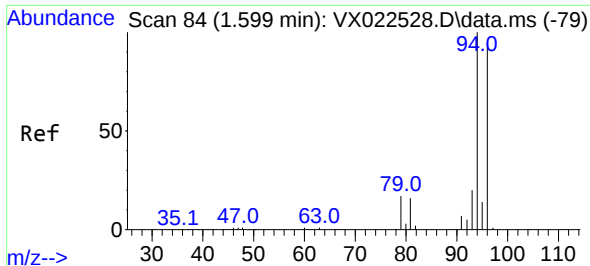
Tgt Ion:168 Resp: 56780
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

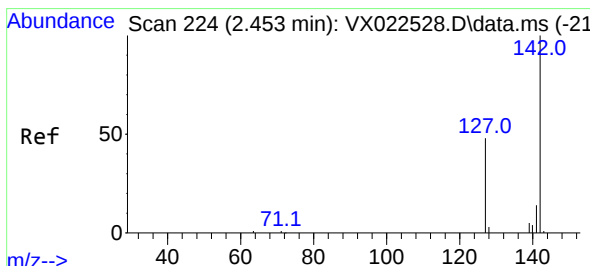
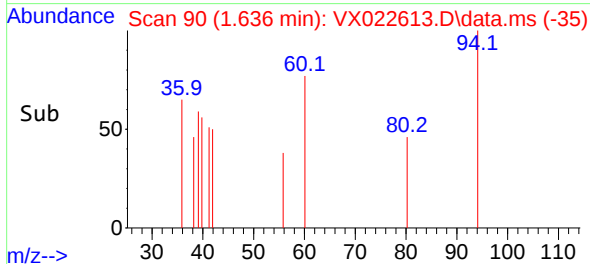
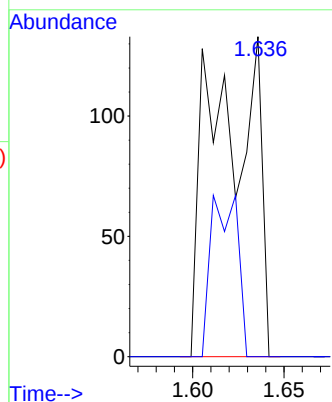
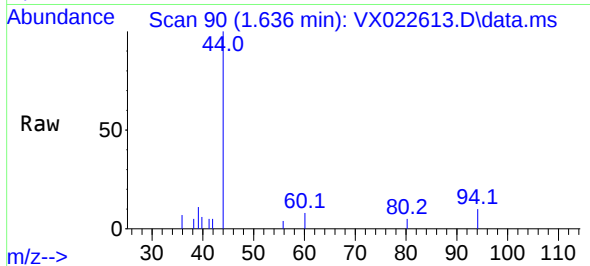




#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

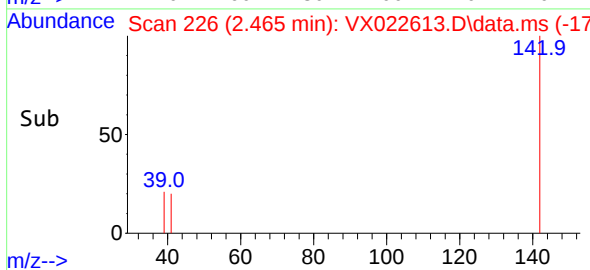
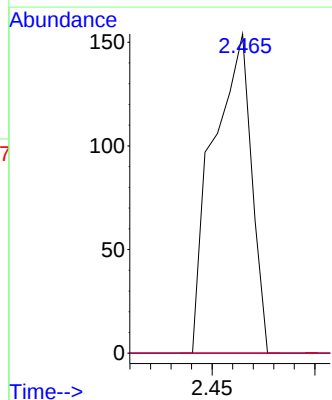
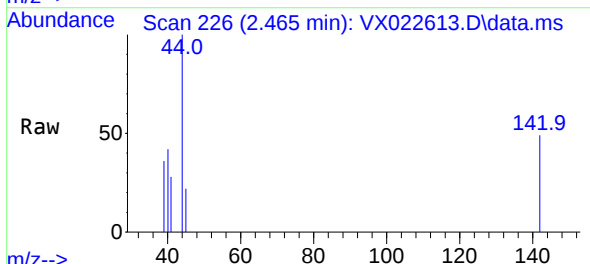
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

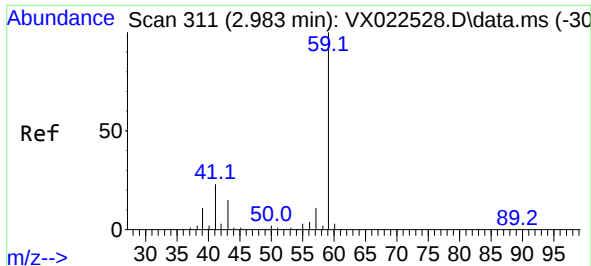
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 142 Resp: 200
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

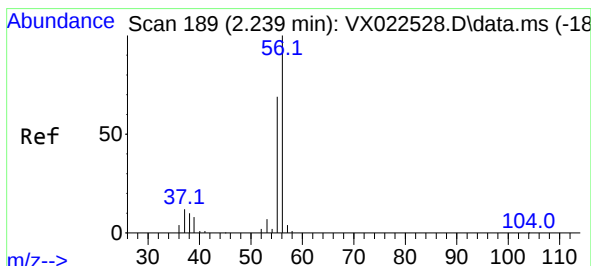
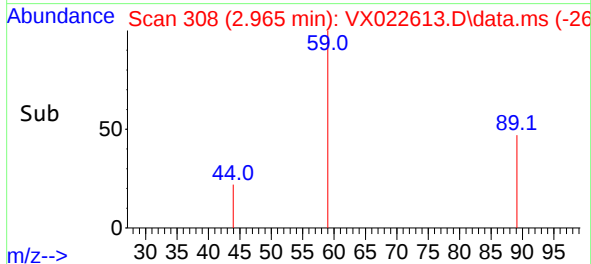
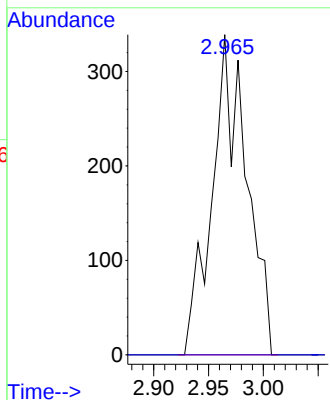
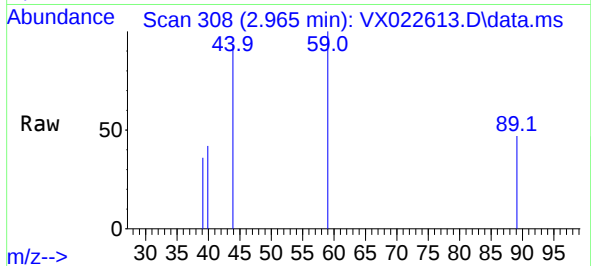




#11
Tert butyl alcohol
Concen: 3.29 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

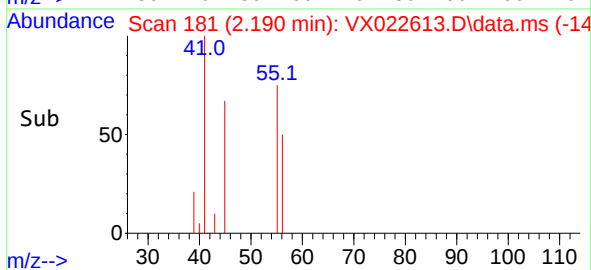
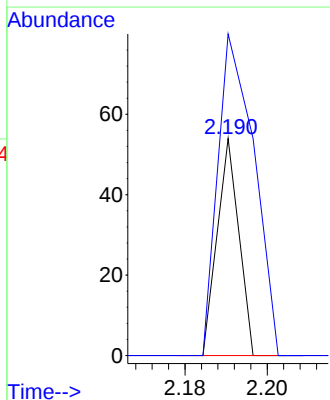
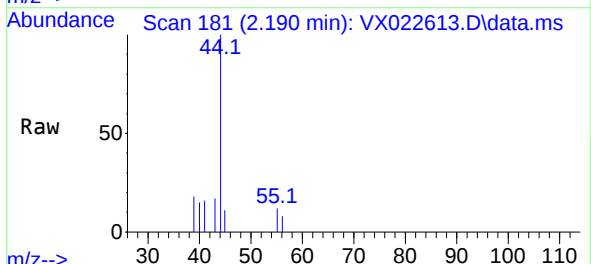
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

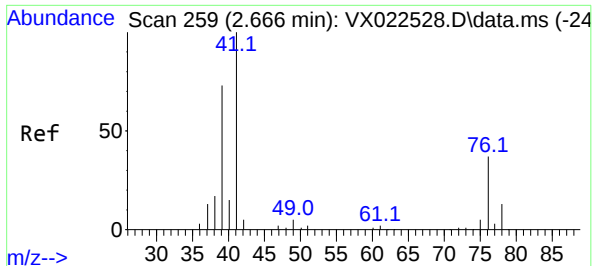
Tgt Ion: 59 Resp: 746
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.30 ug/l
RT: 2.190 min Scan# 181
Delta R.T. -0.049 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 245.0 56.4 84.6#

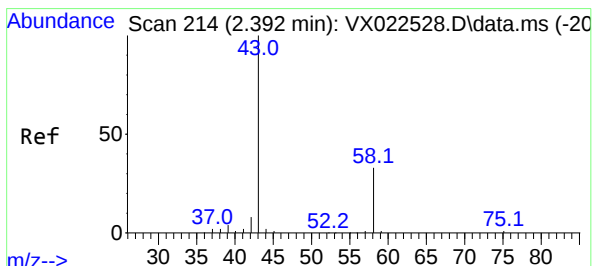
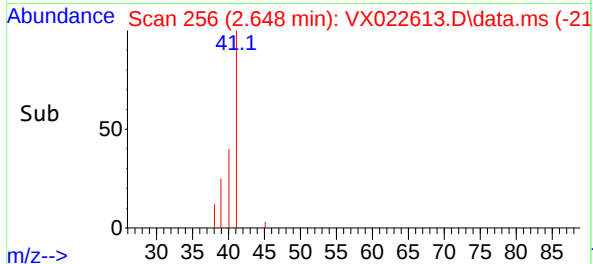
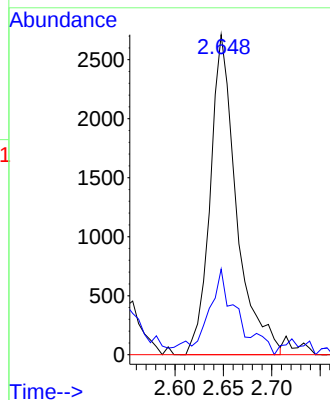
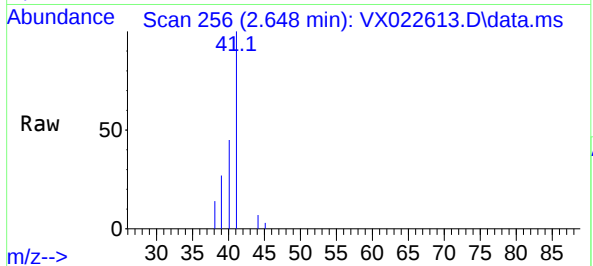




#14
Allyl chloride
Concen: 3.89 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

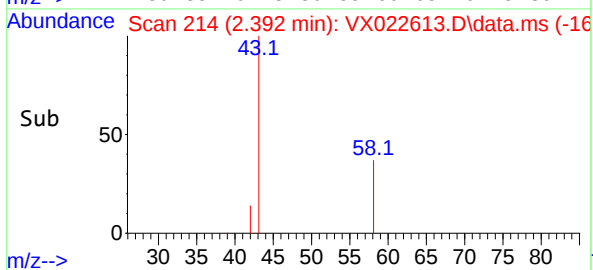
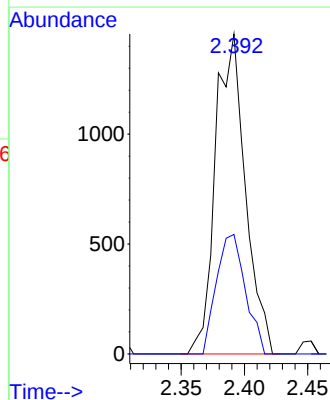
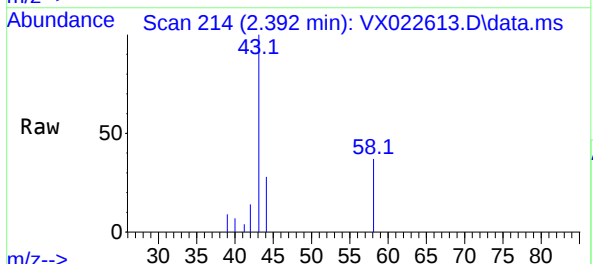
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

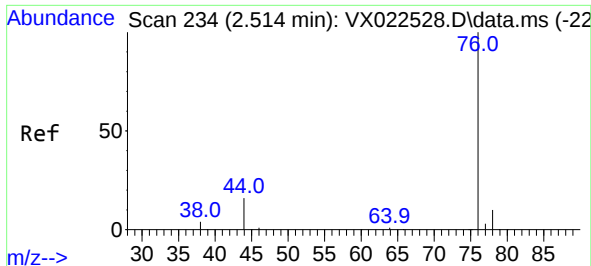
Tgt Ion:	41	Resp:	5131
Ion	Ratio	Lower	Upper
41	100		
39	27.3	51.6	77.4#
76	0.0	30.5	45.7#



#16
Acetone
Concen: 5.28 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion:	43	Resp:	2394
Ion	Ratio	Lower	Upper
43	100		
58	37.4	27.8	41.8

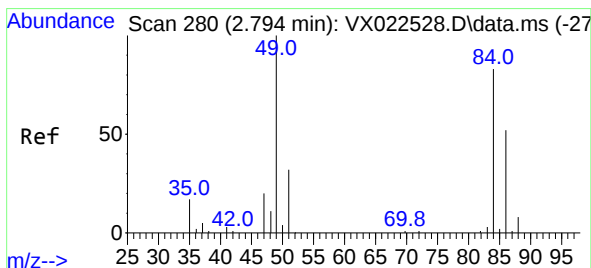
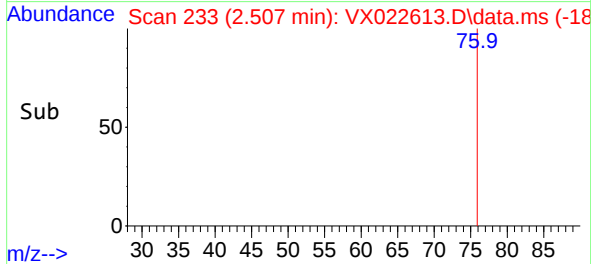
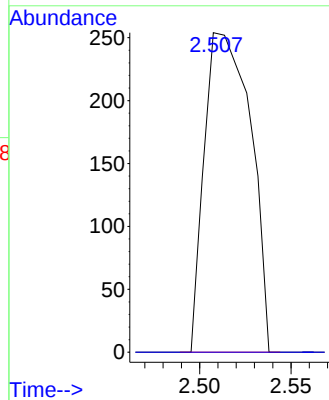
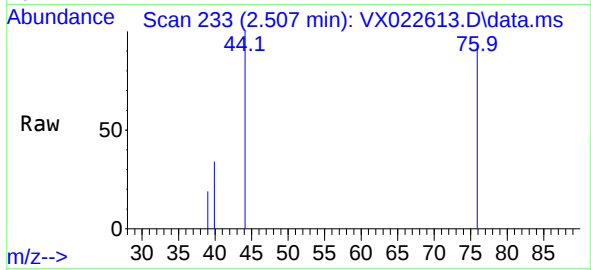




#17
Carbon Disulfide
Concen: 3.61 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

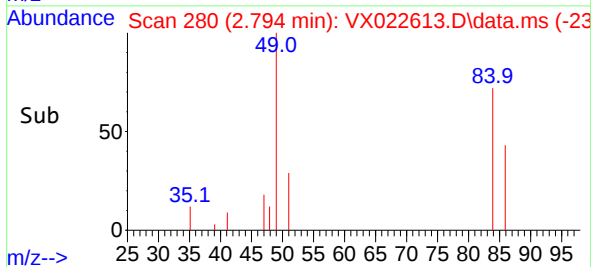
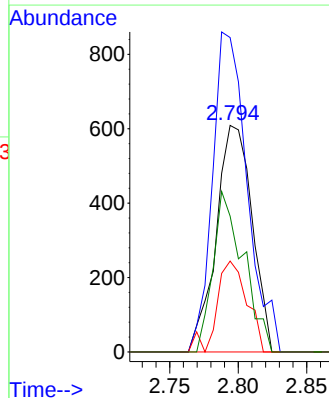
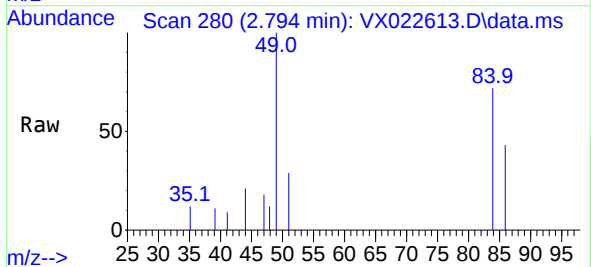
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

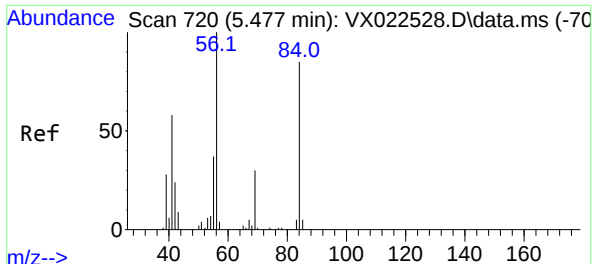
Tgt Ion: 76 Resp: 446
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.17 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

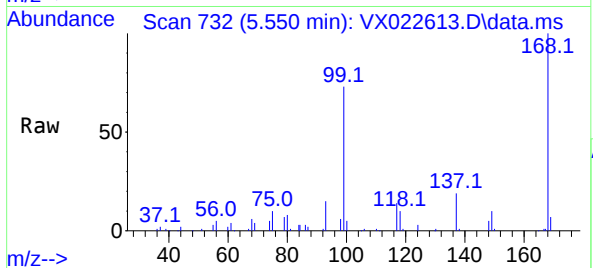
Tgt Ion: 84 Resp: 1112
Ion Ratio Lower Upper
84 100
49 138.8 88.6 132.8#
51 40.1 27.0 40.6
86 59.9 50.3 75.5



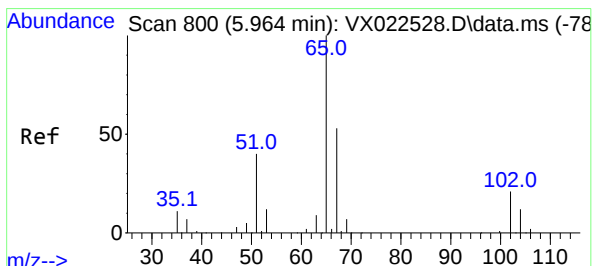
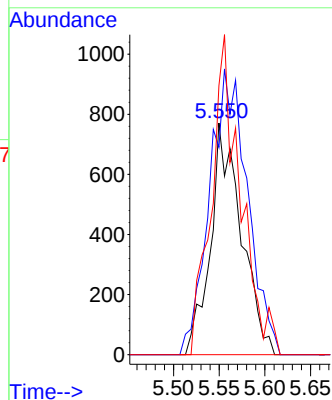
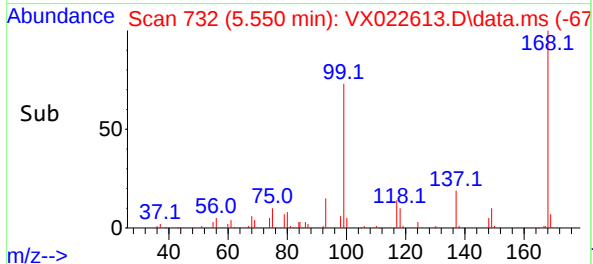


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

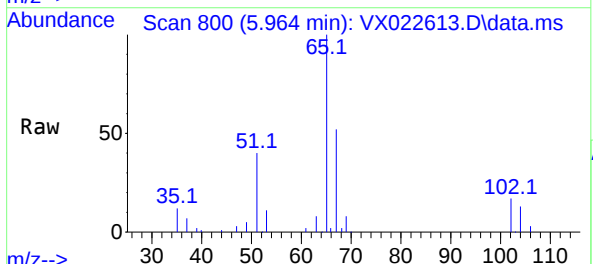
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608



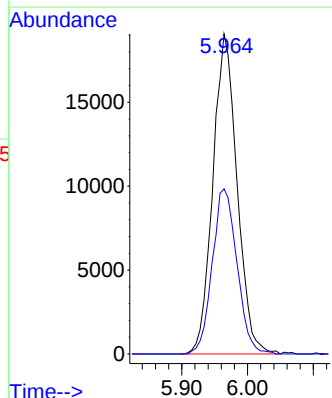
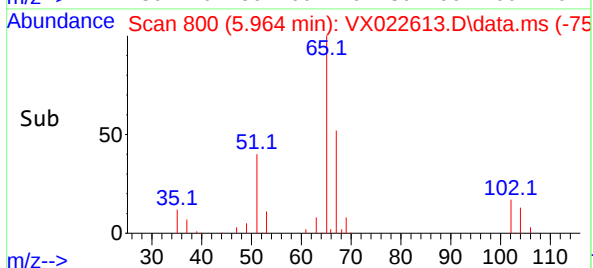
Tgt Ion: 56 Resp: 1808
Ion Ratio Lower Upper
56 100
69 89.5 25.3 37.9#
84 116.1 71.4 107.0#

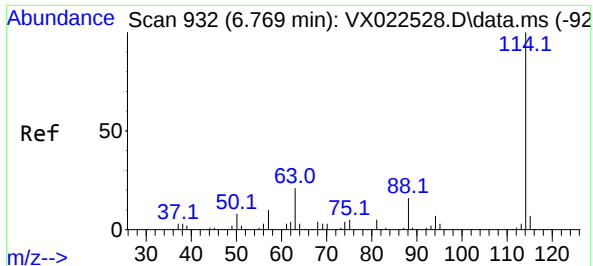


#33
1,2-Dichloroethane-d4
Concen: 48.34 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00



Tgt Ion: 65 Resp: 48796
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



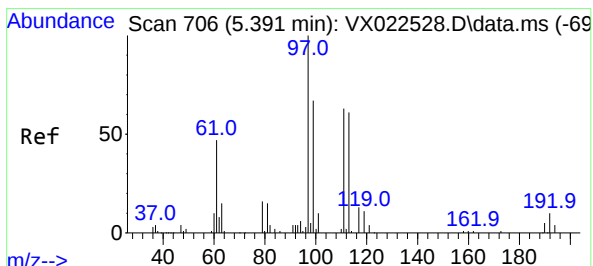
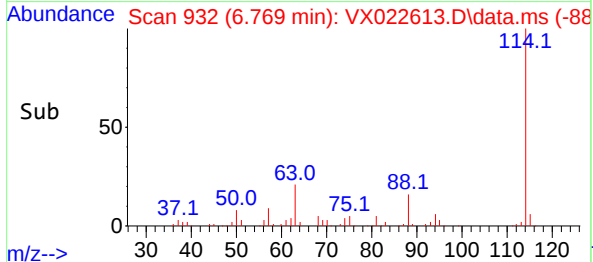
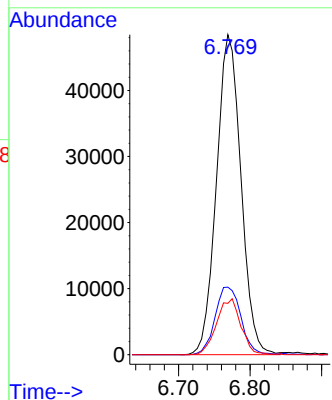
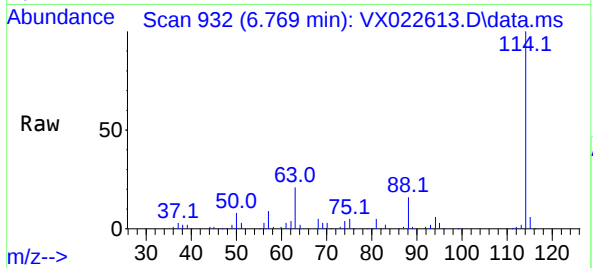


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

Tgt Ion:114 Resp: 115377

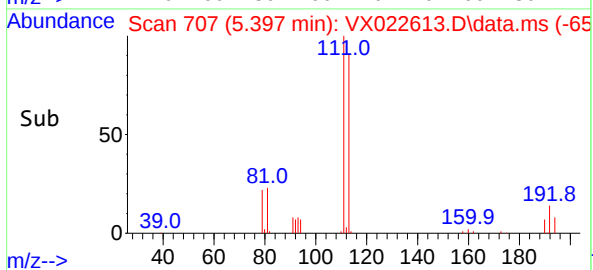
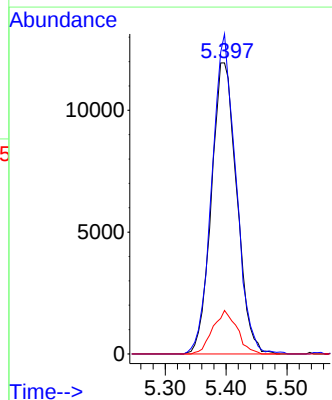
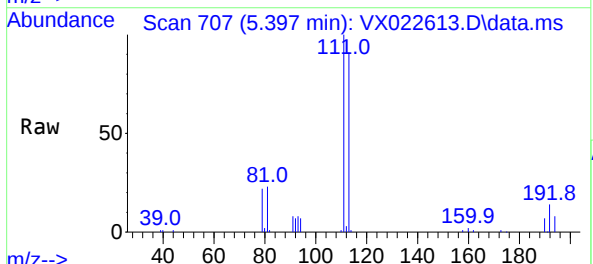
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.1	0.0	32.8

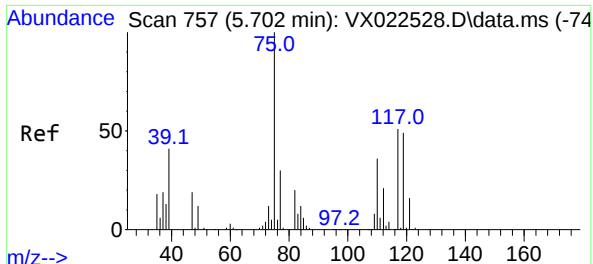


#35
Dibromofluoromethane
Concen: 47.80 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion:113 Resp: 34505

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	14.3	16.7	25.1



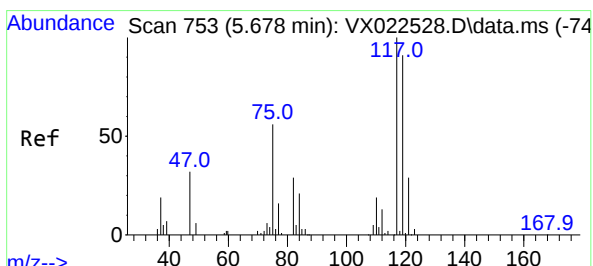
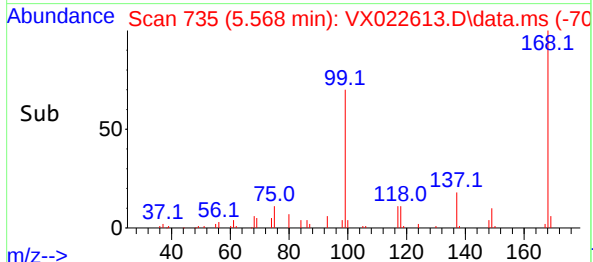
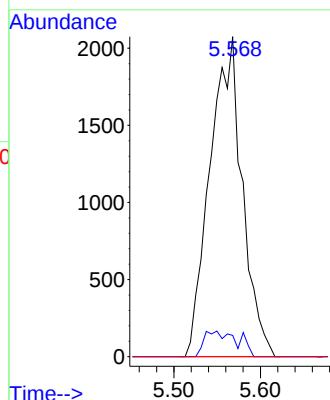
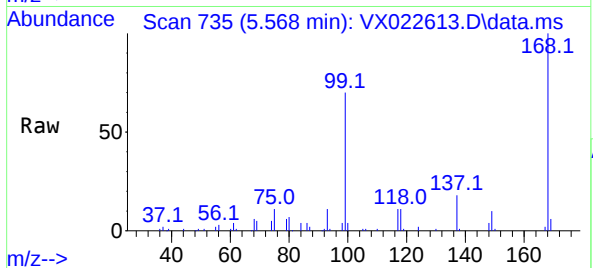


#36

1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

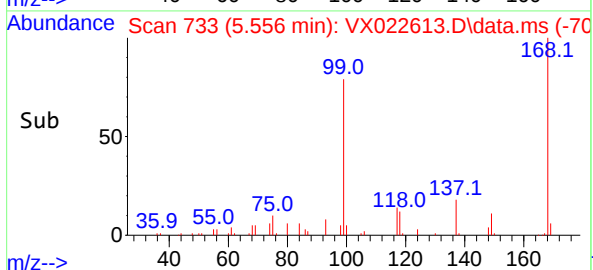
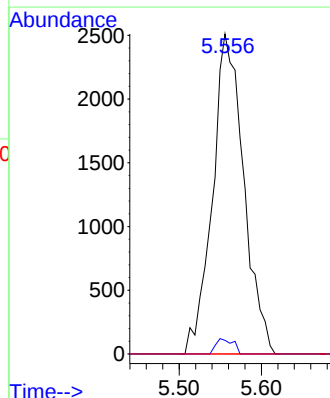
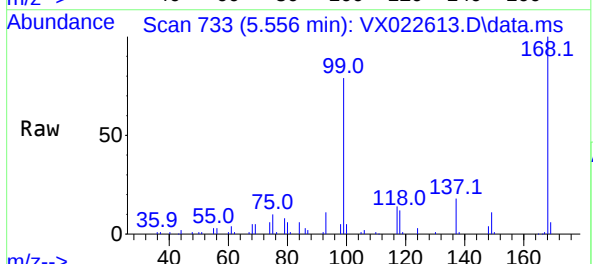
Tgt Ion: 75 Resp: 5380
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

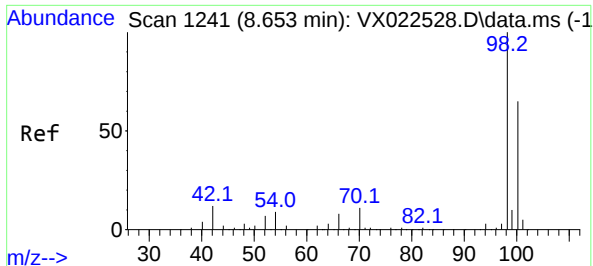


#38

Carbon Tetrachloride
Concen: 8.21 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 117 Resp: 6626
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

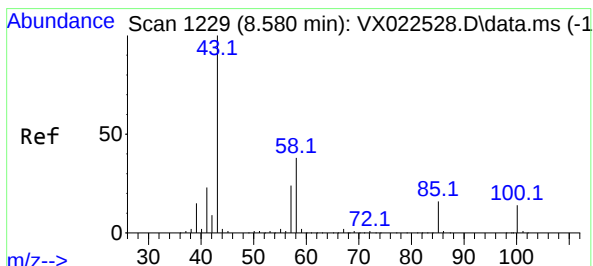
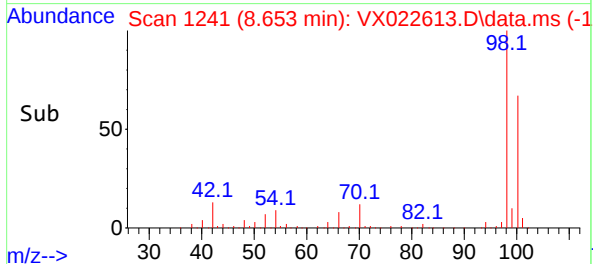
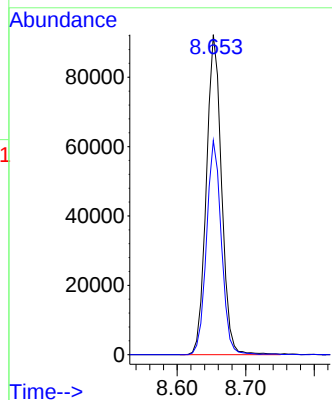
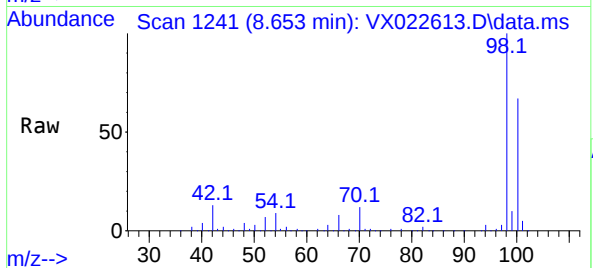




#50
Toluene-d8
Concen: 49.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

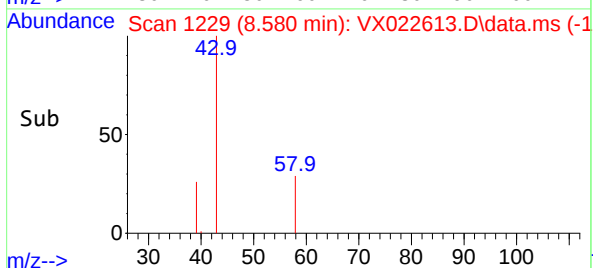
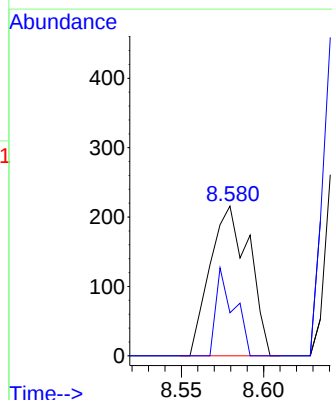
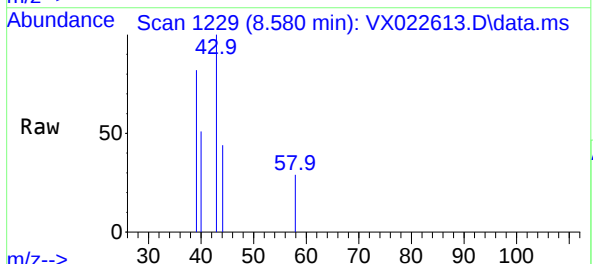
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

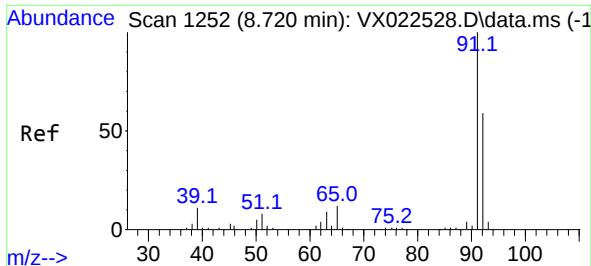
Tgt Ion: 98 Resp: 142469
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
58 27.1 35.4 53.0#

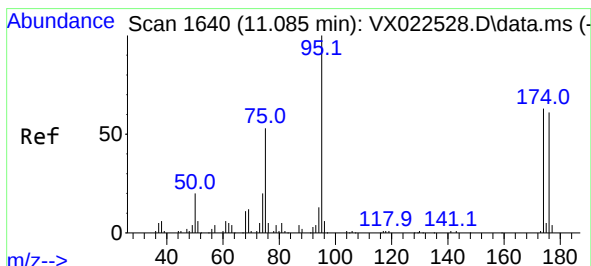
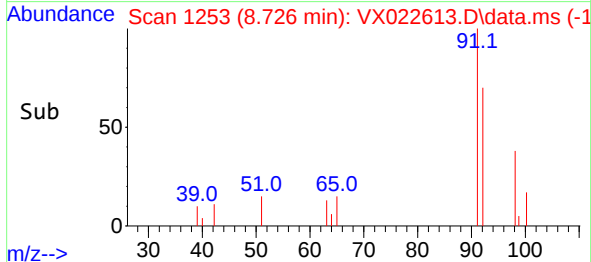
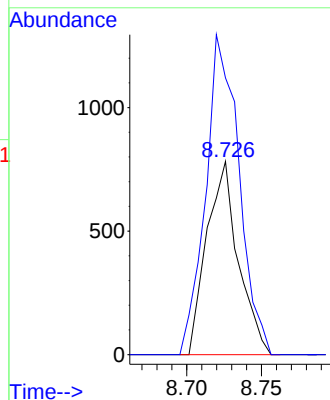
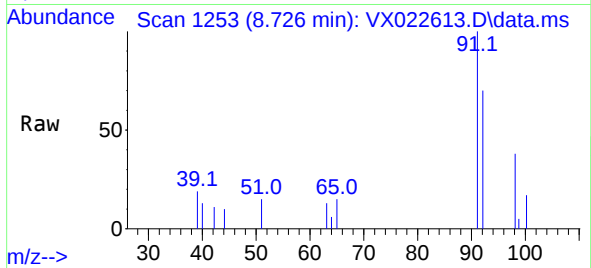




#52
Toluene
Concen: 0.53 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

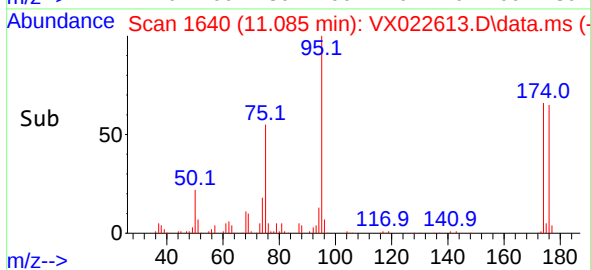
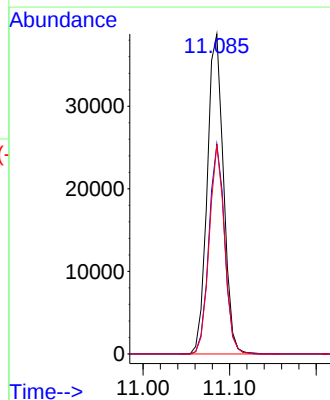
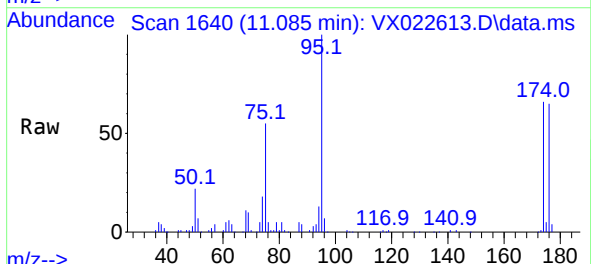
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

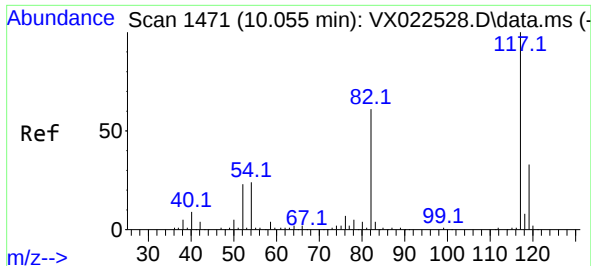
Tgt Ion: 92 Resp: 1145
Ion Ratio Lower Upper
92 100
91 175.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 47.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 95 Resp: 50422
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.3 0.0 155.8

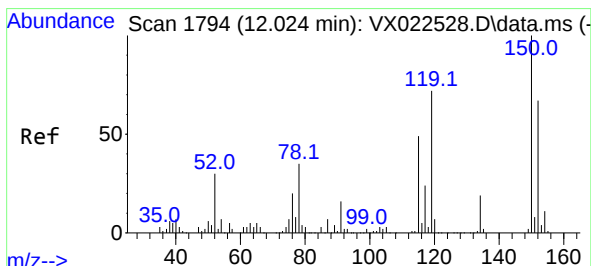
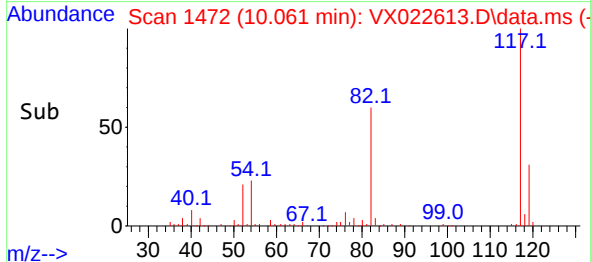
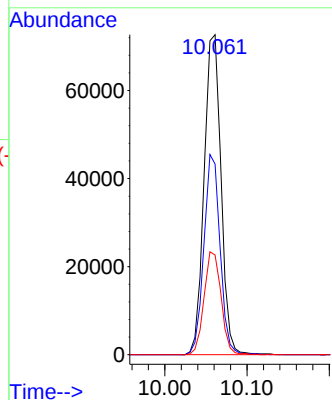
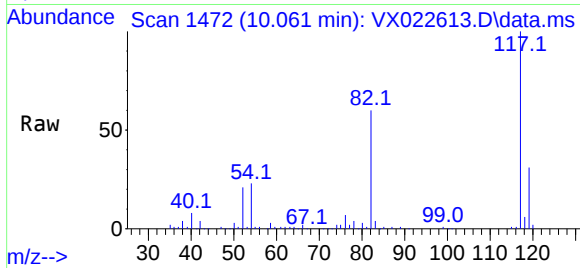




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

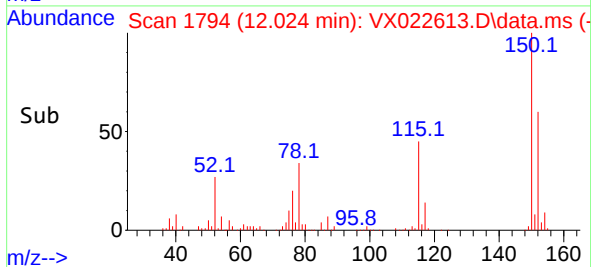
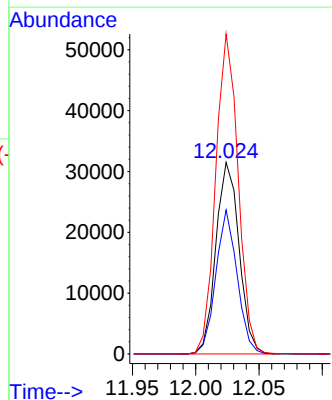
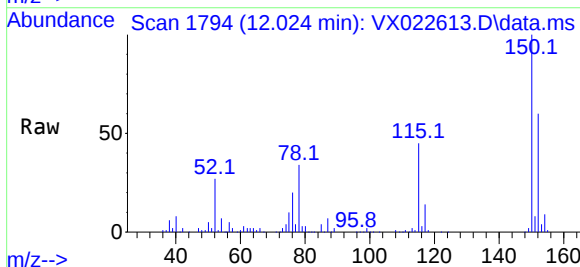
Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

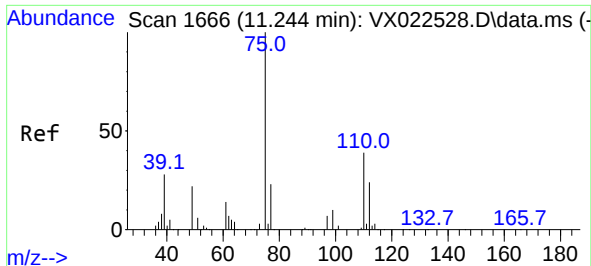
Tgt Ion:117 Resp: 104005
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion:152 Resp: 40085
Ion Ratio Lower Upper
152 100
115 69.4 41.1 123.3
150 161.2 0.0 349.0

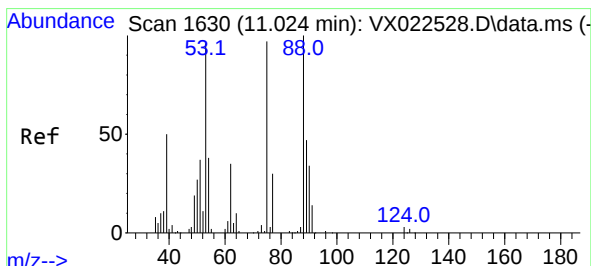
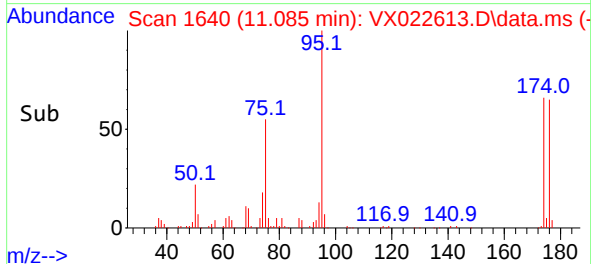
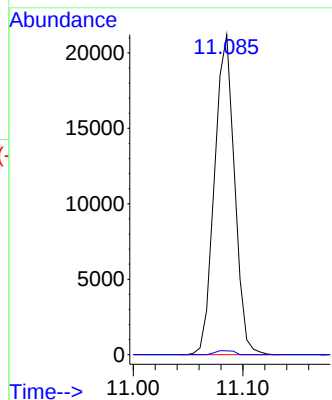
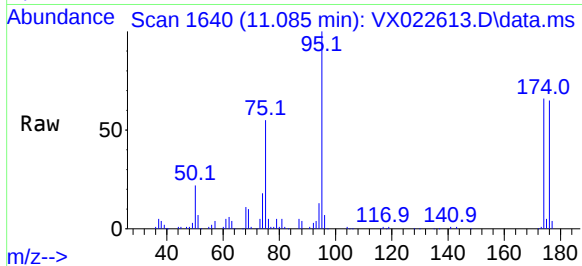




#76
1,2,3-Trichloropropane
Concen: 25.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Instrument :
MSVOA_X
ClientSampleId :
RB09-20210608

Tgt Ion: 75 Resp: 26935
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022613.D
Acq: 09 Jun 2021 15:00

Tgt Ion: 75 Resp: 26935
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

