

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\Not Reviewed Data\
 Data File : VX023943.D
 Acq On : 25 Aug 2021 17:05
 Operator : JC/MD
 Sample : M3525-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-09-GW-082021

Quant Time: Aug 26 17:38:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

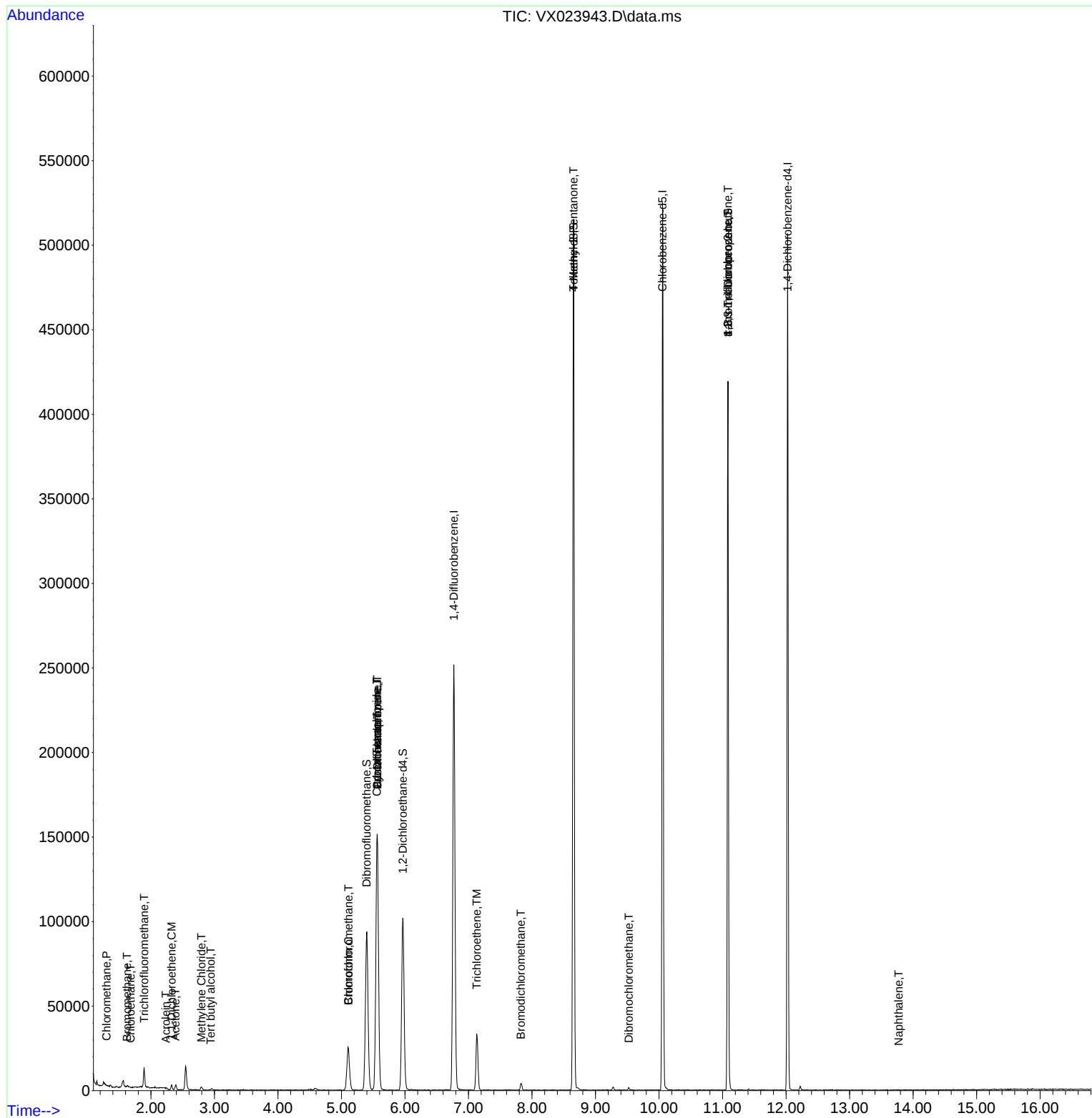
Internal Standards						
1) Pentafluorobenzene	5.562	168	142493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102354	51.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.940%			
35) Dibromofluoromethane	5.397	113	78599	48.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.653	98	293372	47.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.400%			
62) 4-Bromofluorobenzene	11.085	95	103546	45.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.460%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	436	0.264	ug/l	92
5) Bromomethane	1.624	94	511	0.505	ug/l	98
6) Chloroethane	1.679	64	61	2.261	ug/l #	43
7) Trichlorofluoromethane	1.892	101	7199	2.832	ug/l	94
11) Tert butyl alcohol	2.941	59	448	1.114	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	928	0.679	ug/l	92
13) Acrolein	2.233	56	84	0.351	ug/l #	14
16) Acetone	2.386	43	3058	3.439	ug/l #	84
20) Methylene Chloride	2.794	84	837	0.493	ug/l #	78
28) Bromochloromethane	5.111	49	2532	1.993	ug/l #	9
30) Chloroform	5.111	83	29170	9.862	ug/l	94
31) Cyclohexane	5.562	56	3273	1.281	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	11430	5.055	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14638	6.209	ug/l #	16
44) Trichloroethene	7.129	130	12776	6.918	ug/l	95
47) Bromodichloromethane	7.824	83	2727	1.220	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1399	0.498	ug/l #	1
60) Dibromochloromethane	9.525	129	423	1.895	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	56299	24.687	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56299	72.619	ug/l #	12
95) Naphthalene	13.774	128	107	1.297	ug/l #	69

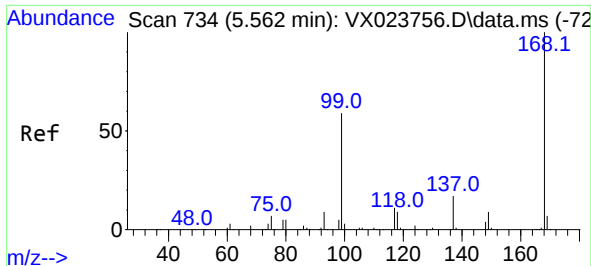
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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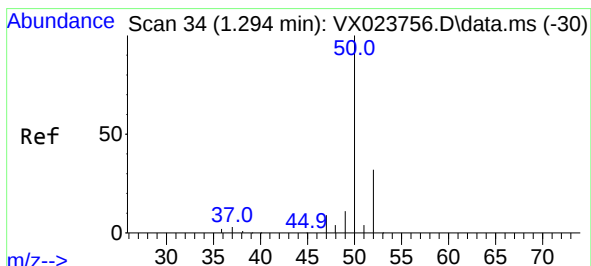
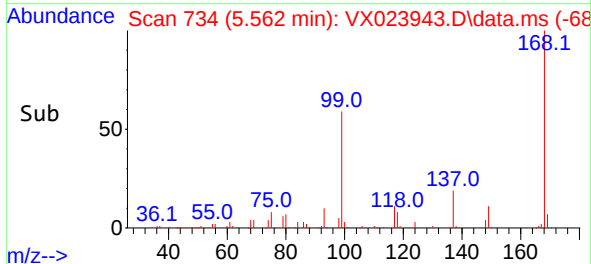
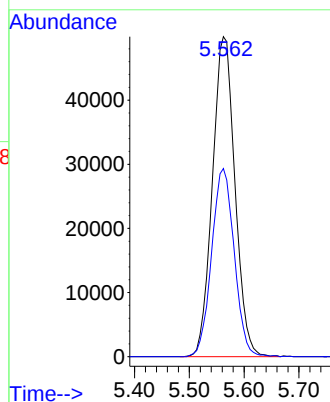
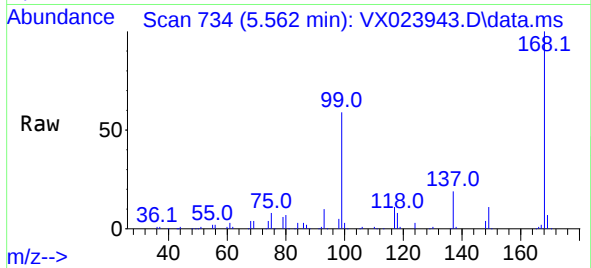




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

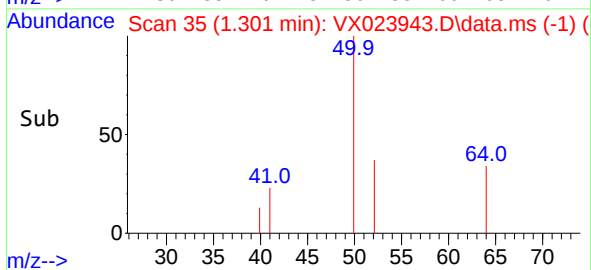
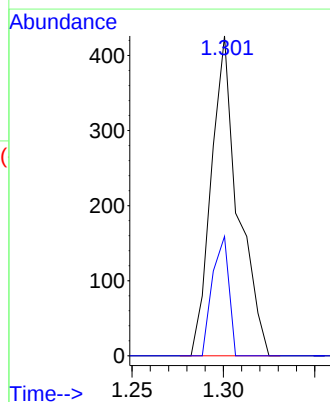
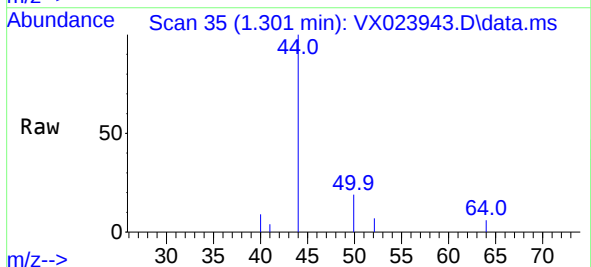
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

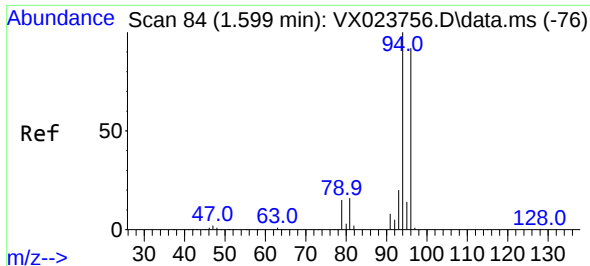
Tgt Ion:168 Resp: 142493
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 50 Resp: 436
Ion Ratio Lower Upper
50 100
52 37.3 26.4 39.6

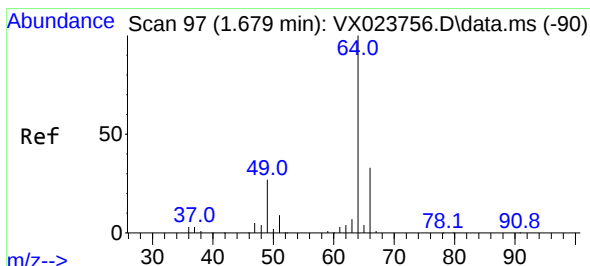
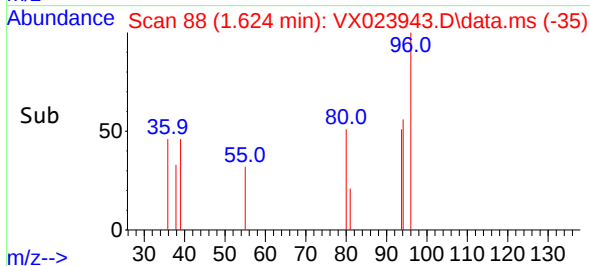
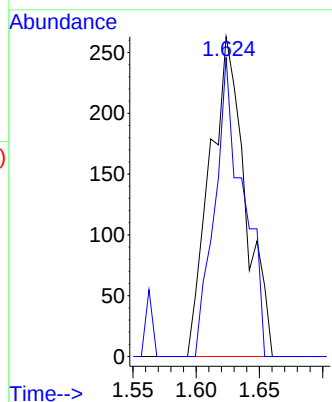
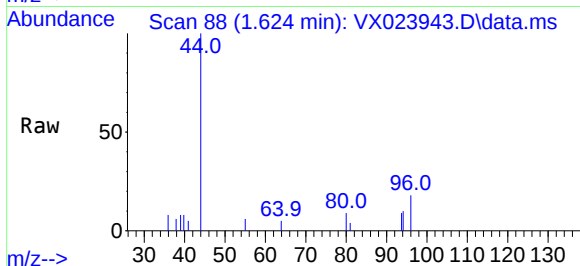




#5
Bromomethane
Concen: 0.505 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

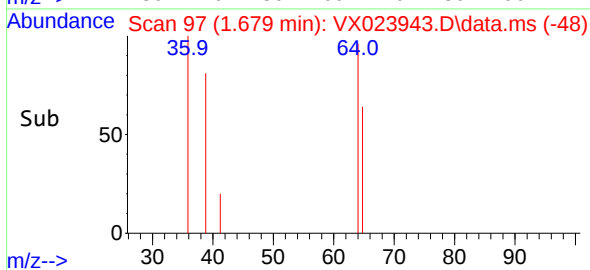
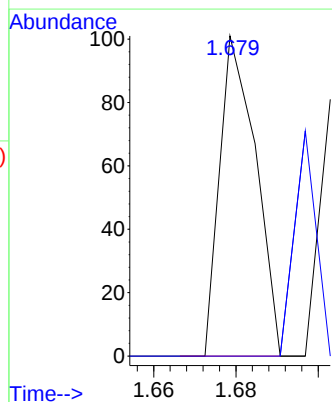
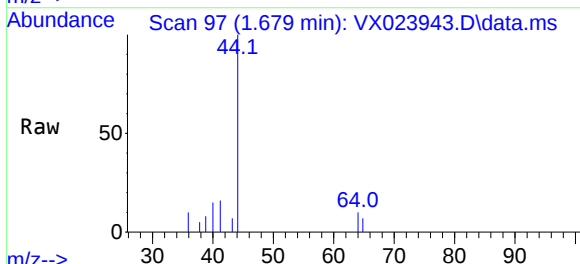
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

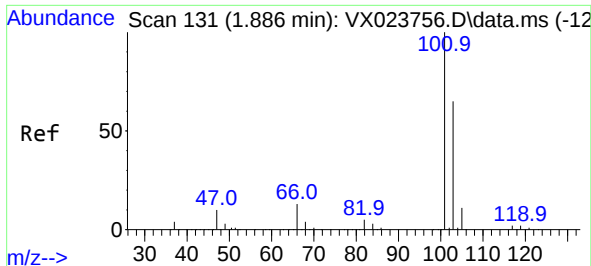
Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 93.5 76.4 114.6



#6
Chloroethane
Concen: 2.261 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

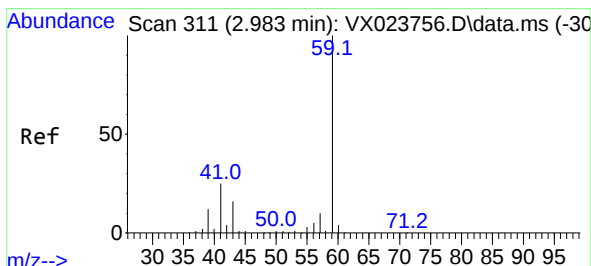
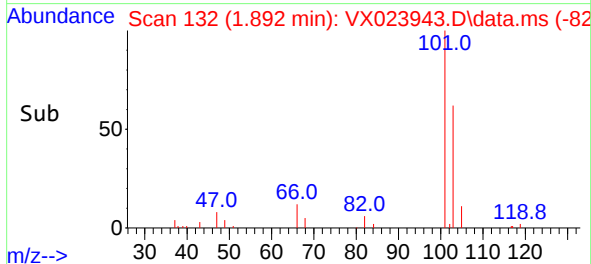
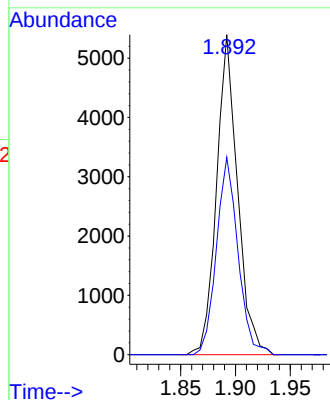
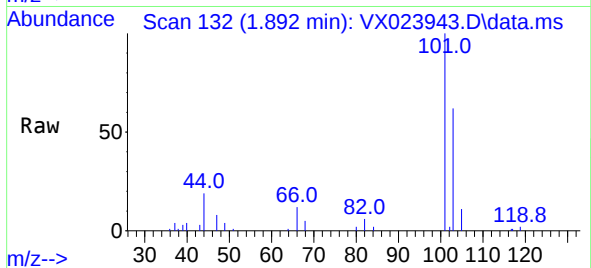




#7
 Trichlorofluoromethane
 Concen: 2.832 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.006 min
 Lab File: VX023943.D
 Acq: 25 Aug 2021 17:05

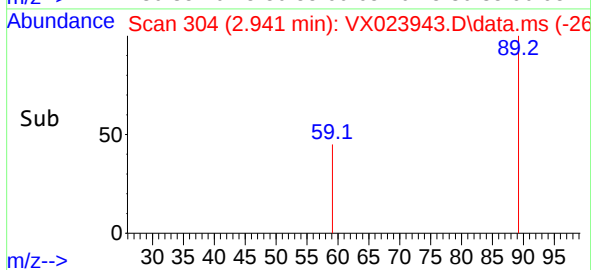
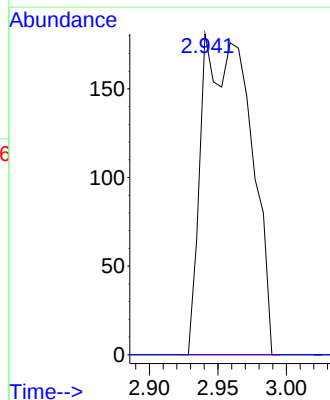
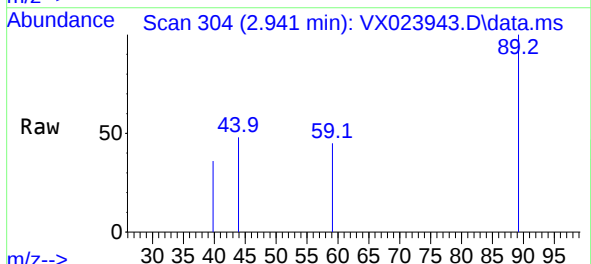
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-SW-09-GW-082021

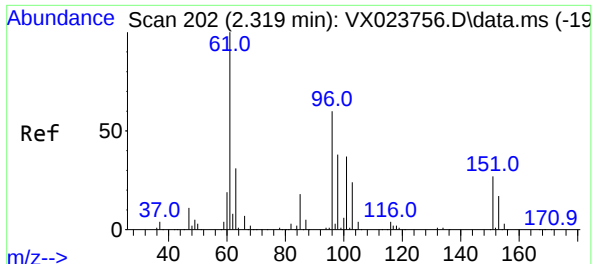
Tgt Ion:101 Resp: 7199
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.2 79.8



#11
 Tert butyl alcohol
 Concen: 1.114 ug/l
 RT: 2.941 min Scan# 304
 Delta R.T. -0.042 min
 Lab File: VX023943.D
 Acq: 25 Aug 2021 17:05

Tgt Ion: 59 Resp: 448
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.679 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023943.D

Acq: 25 Aug 2021 17:05

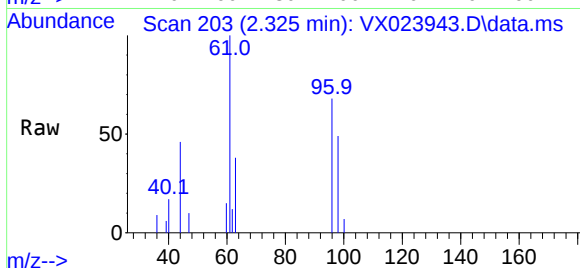
Tgt Ion: 96 Resp: 928

Ion Ratio Lower Upper

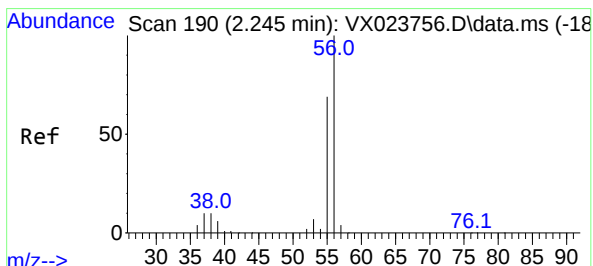
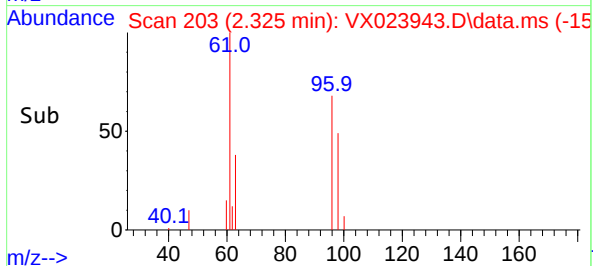
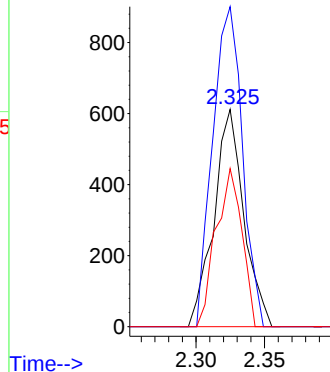
96 100

61 147.2 124.6 187.0

98 72.7 50.6 76.0



Abundance



#13

Acrolein

Concen: 0.351 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.012 min

Lab File: VX023943.D

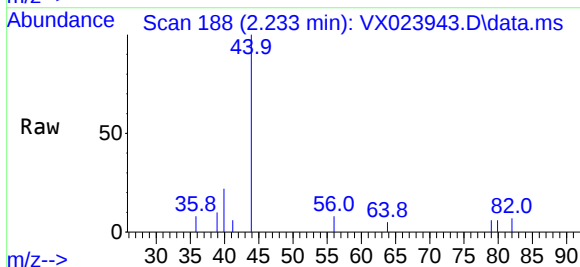
Acq: 25 Aug 2021 17:05

Tgt Ion: 56 Resp: 84

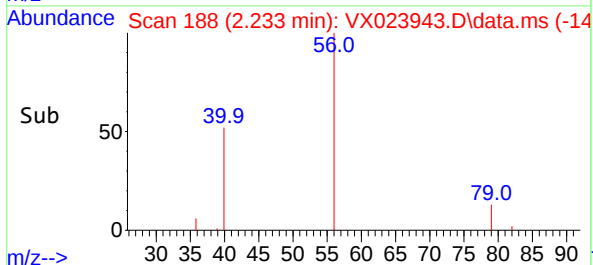
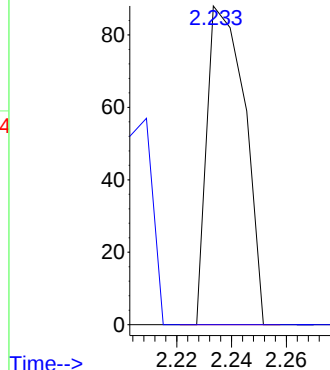
Ion Ratio Lower Upper

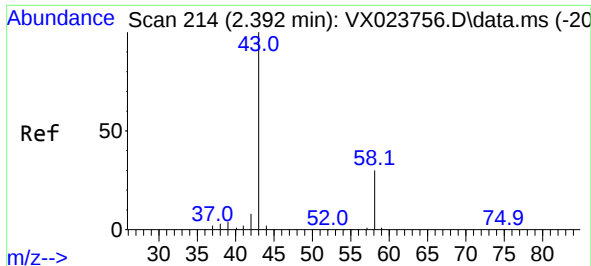
56 100

55 0.0 56.4 84.6#



Abundance

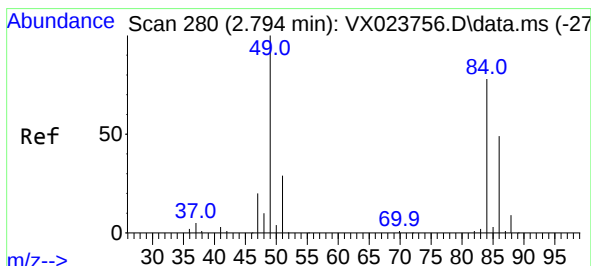
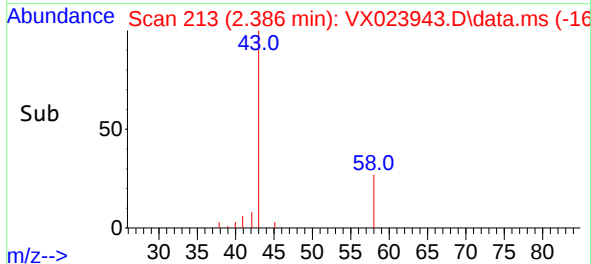
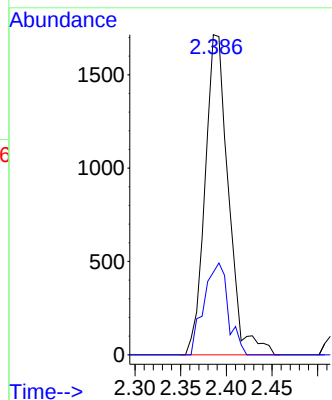
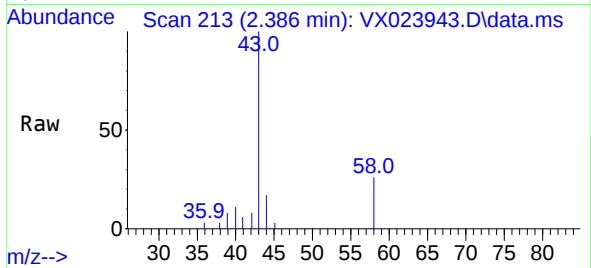




#16
Acetone
Concen: 3.439 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

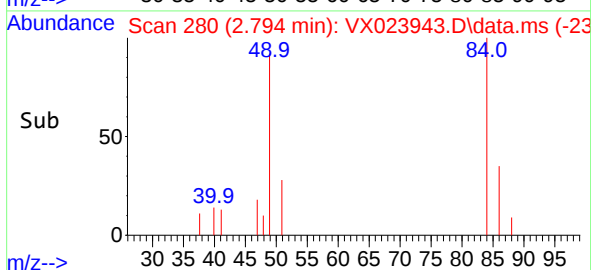
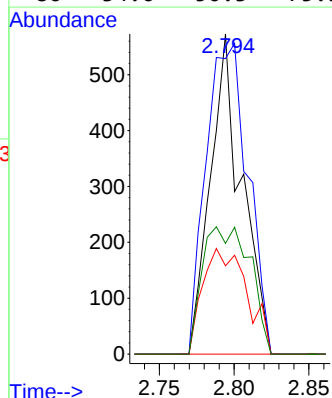
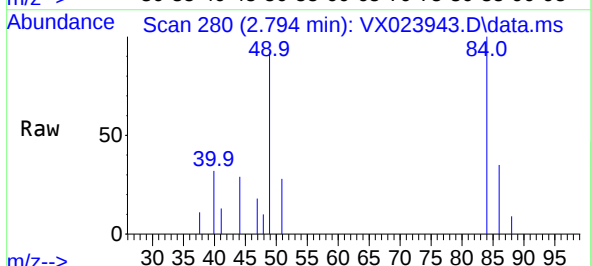
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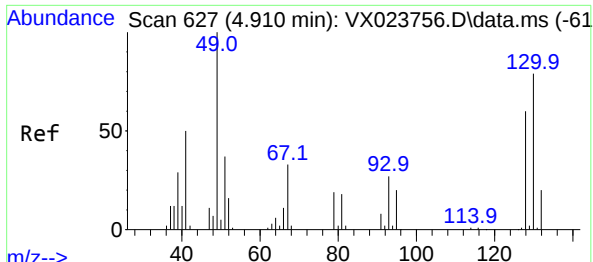
Tgt Ion: 43 Resp: 3058
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
49 92.3 88.6 132.8
51 27.6 27.0 40.6
86 34.6 50.3 75.5#

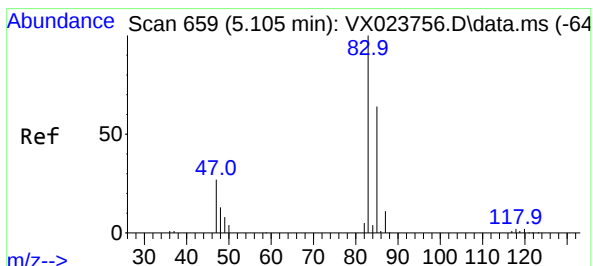
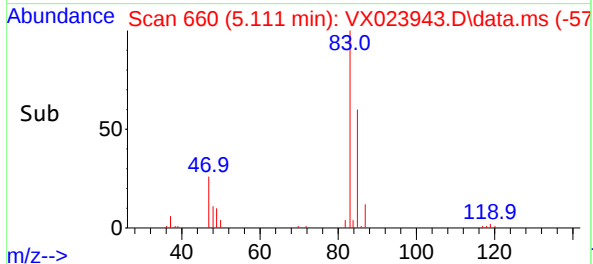
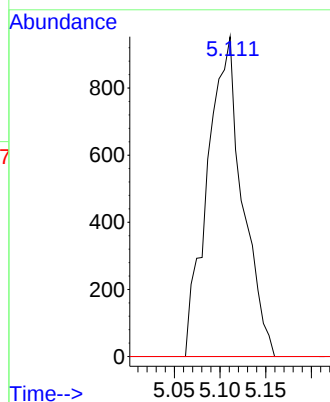
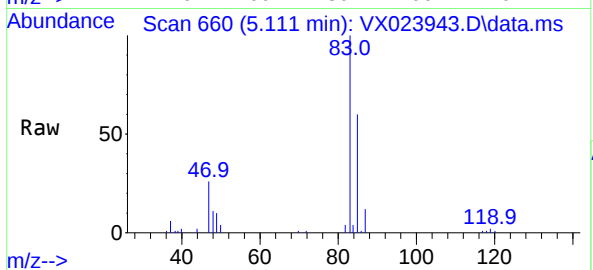




#28
Bromochloromethane
Concen: 1.993 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.201 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

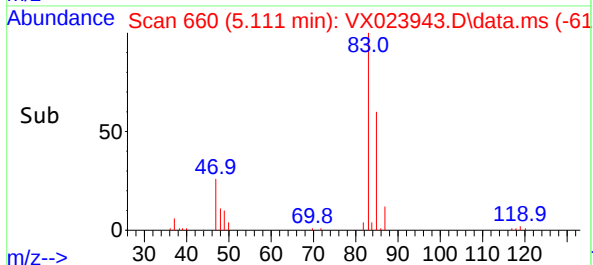
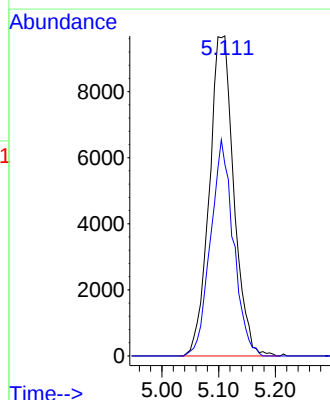
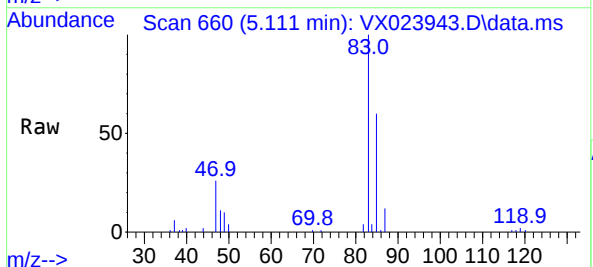
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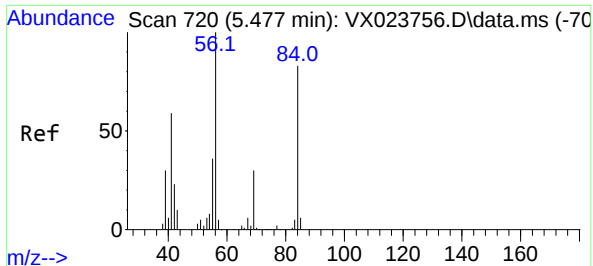
Tgt Ion: 49 Resp: 2532
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 9.862 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

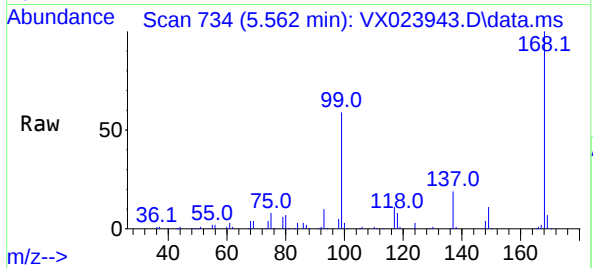
Tgt Ion: 83 Resp: 29170
Ion Ratio Lower Upper
83 100
85 59.9 52.0 78.0



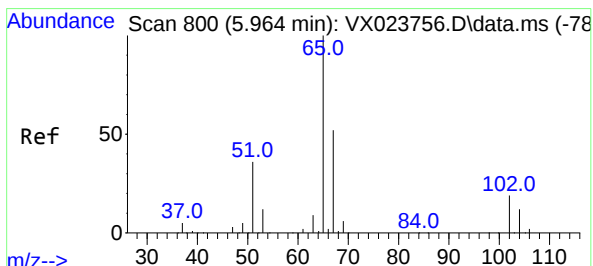
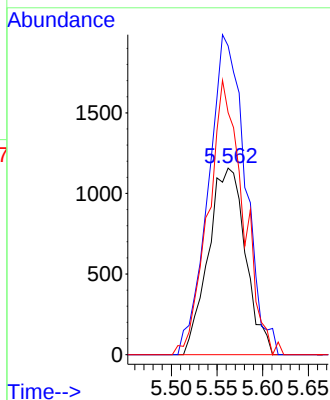
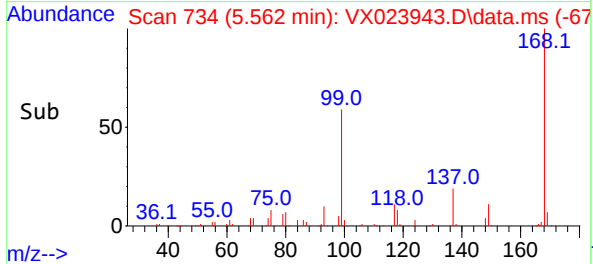


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

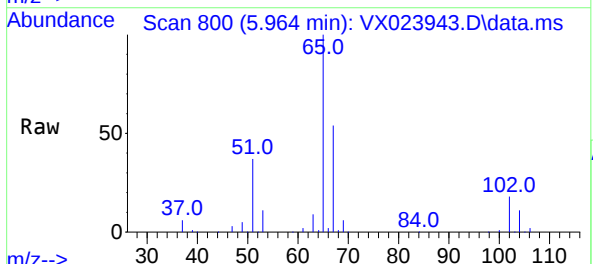
Instrument :
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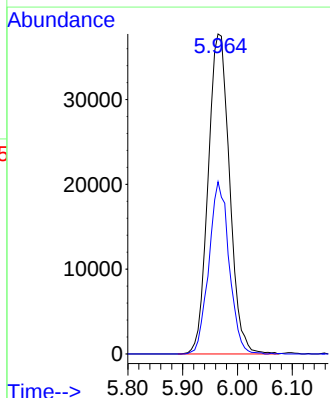
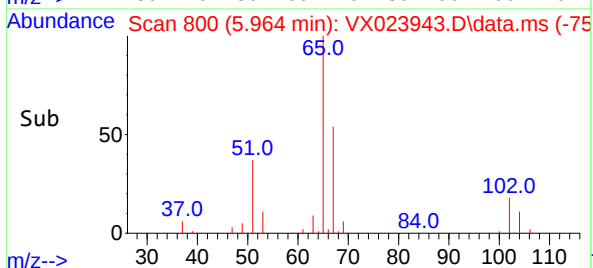
Tgt Ion: 56 Resp: 3273
Ion Ratio Lower Upper
56 100
69 165.6 25.3 37.9#
84 125.0 71.4 107.0#

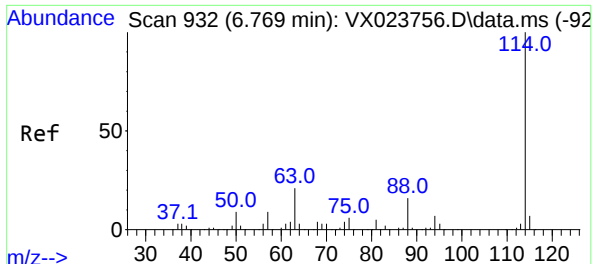


#33
1,2-Dichloroethane-d4
Concen: 51.466 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05



Tgt Ion: 65 Resp: 102354
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

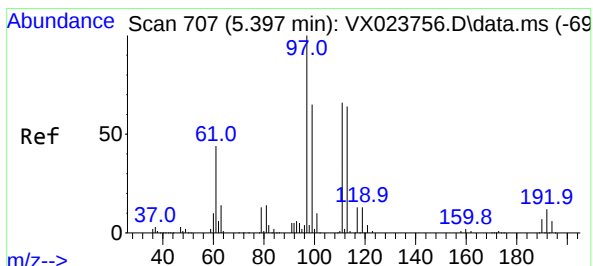
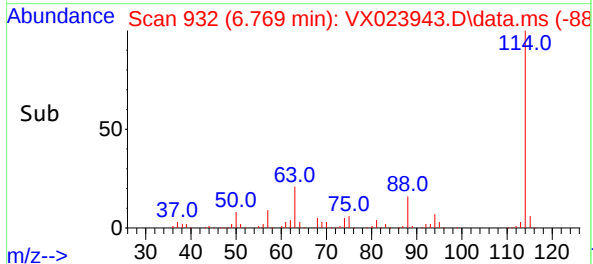
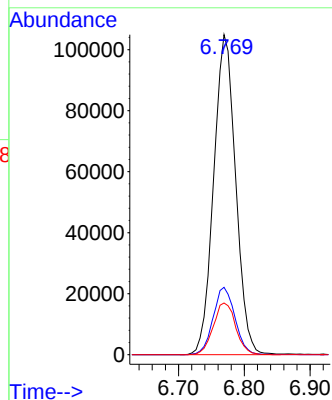
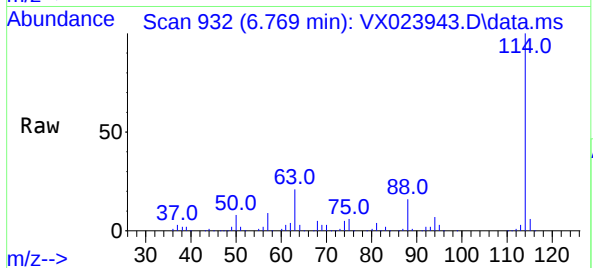




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

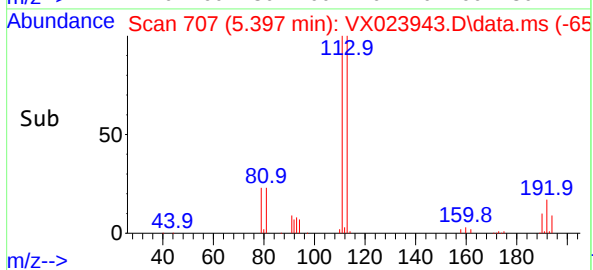
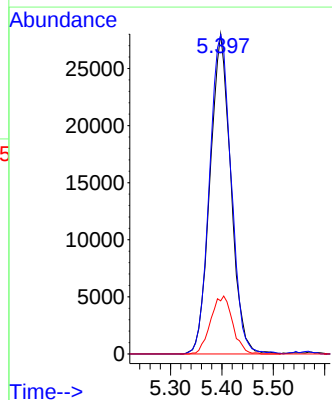
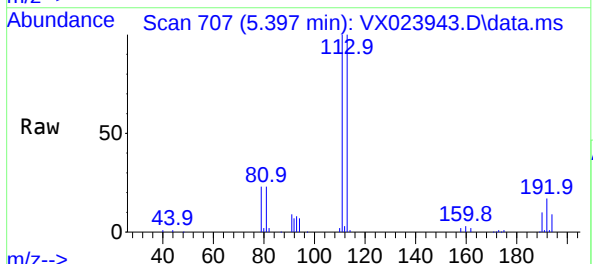
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

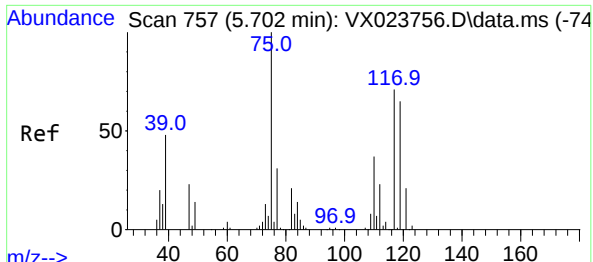
Tgt Ion:114 Resp: 244149
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.639 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion:113 Resp: 78599
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.1 16.7 25.1

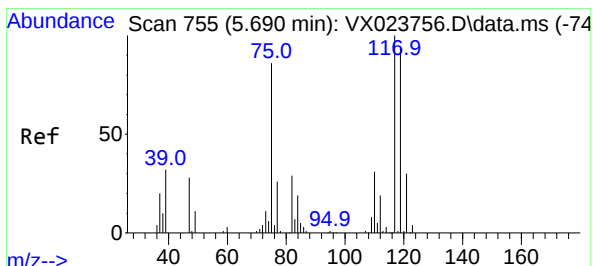
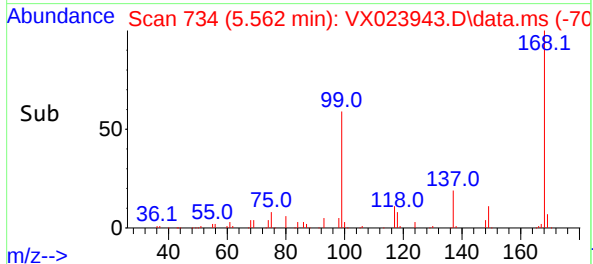
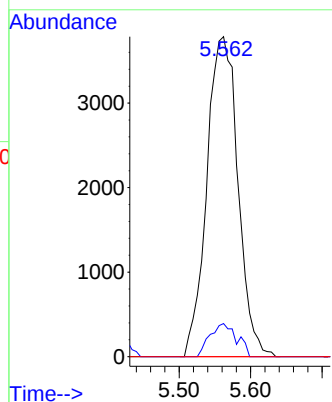
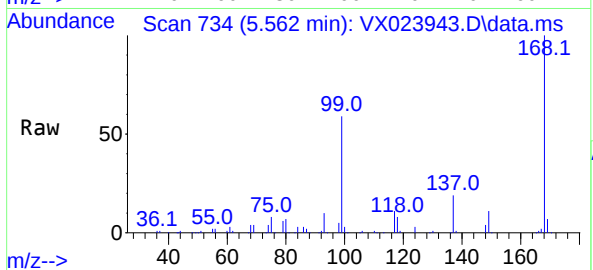




#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

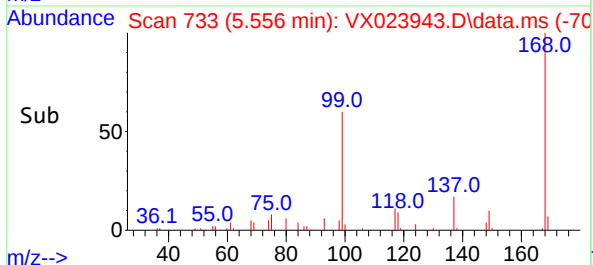
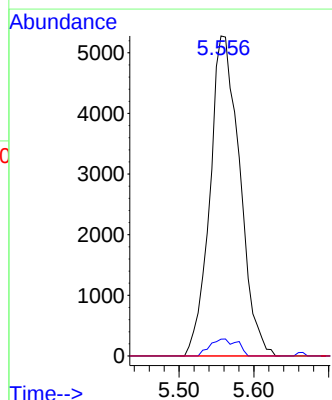
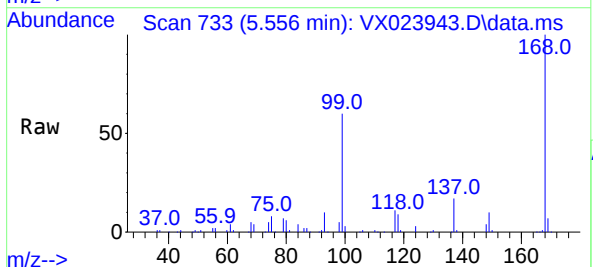
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

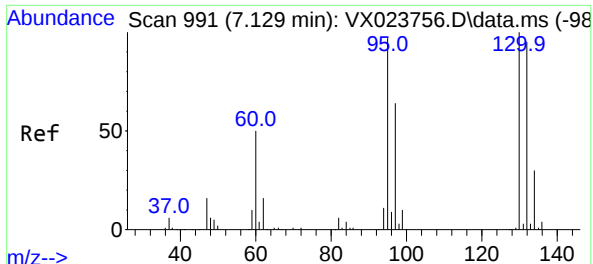
Tgt Ion: 75 Resp: 11430
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 117 Resp: 14638
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

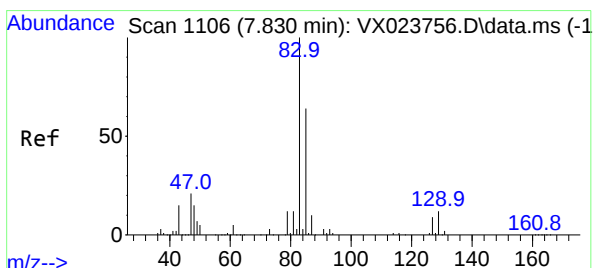
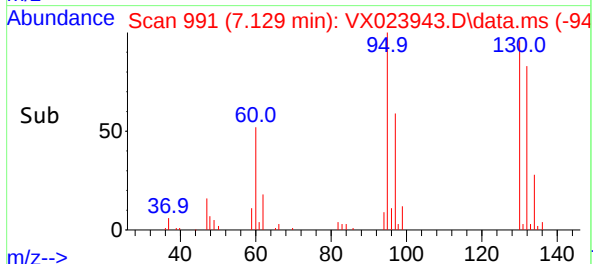
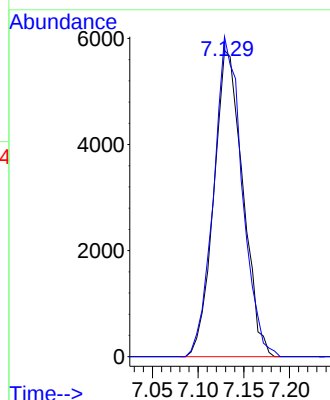
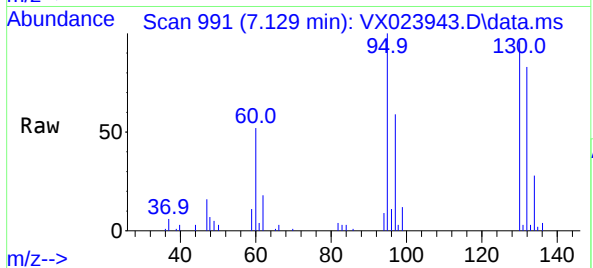




#44
Trichloroethene
Concen: 6.918 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

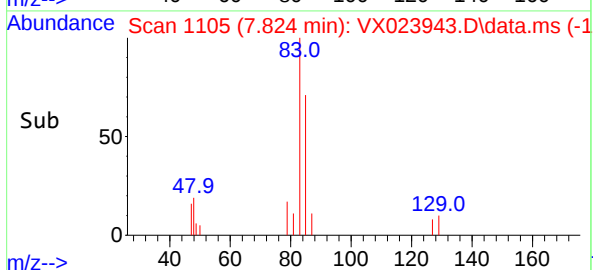
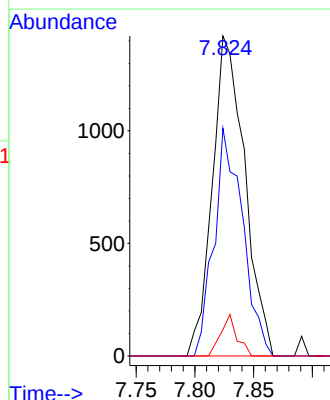
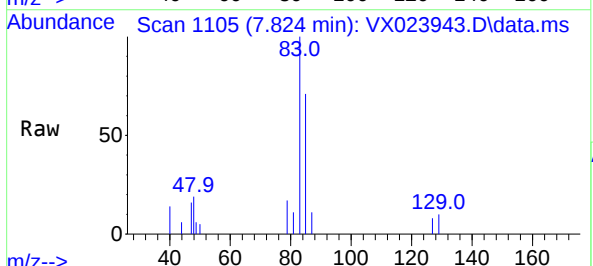
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

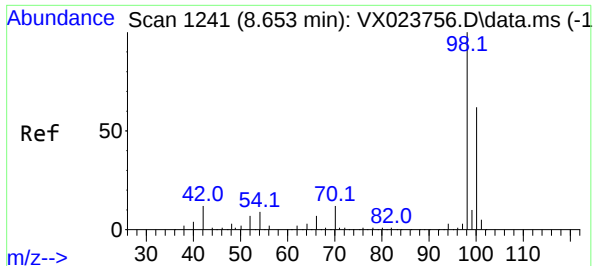
Tgt Ion:130 Resp: 12776
Ion Ratio Lower Upper
130 100
95 104.4 0.0 198.0



#47
Bromodichloromethane
Concen: 1.220 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 83 Resp: 2727
Ion Ratio Lower Upper
83 100
85 71.2 51.4 77.0
127 8.2 6.8 10.2





#50

Toluene-d8

Concen: 47.699 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023943.D

Acq: 25 Aug 2021 17:05

Tgt Ion: 98 Resp: 293372

Ion Ratio Lower Upper

98 100

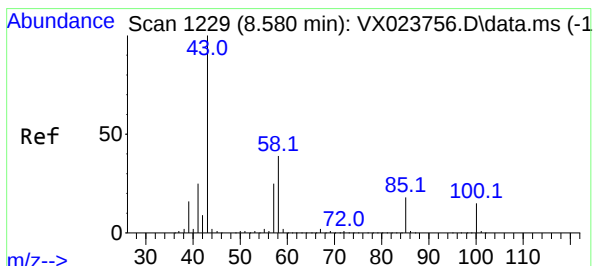
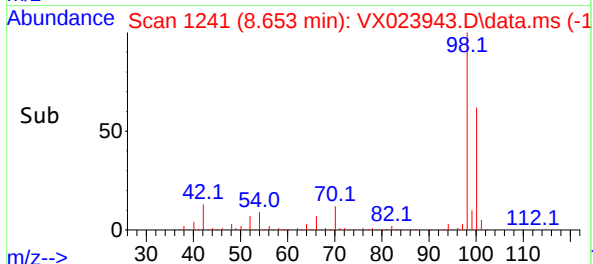
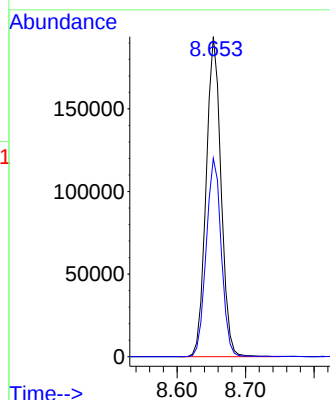
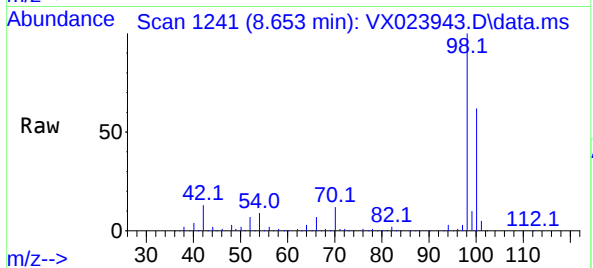
100 62.7 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

WVLY-SW-09-GW-082021



#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023943.D

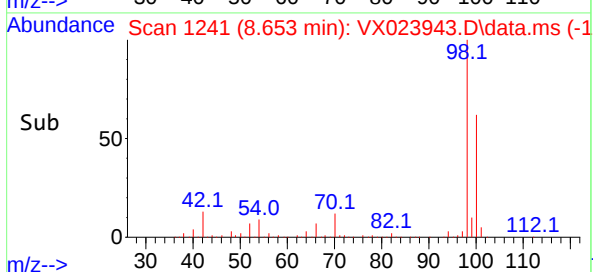
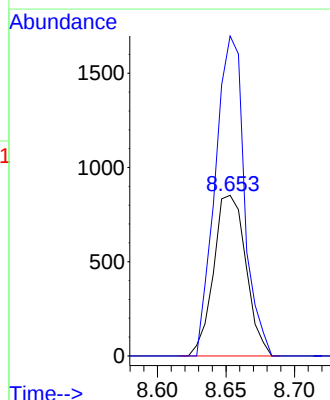
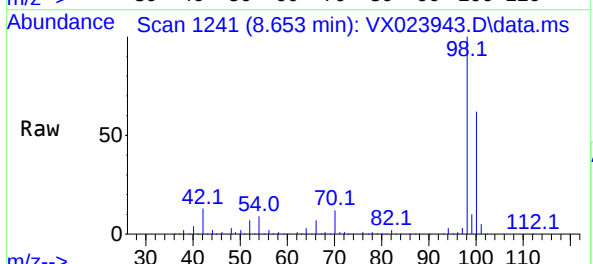
Acq: 25 Aug 2021 17:05

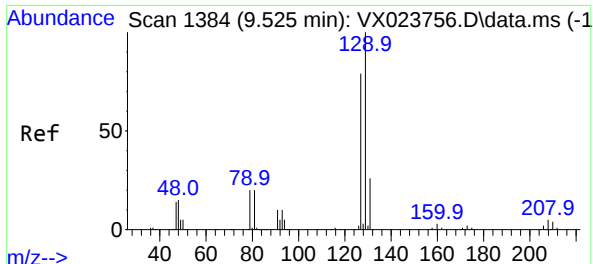
Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

58 179.4 35.4 53.0#

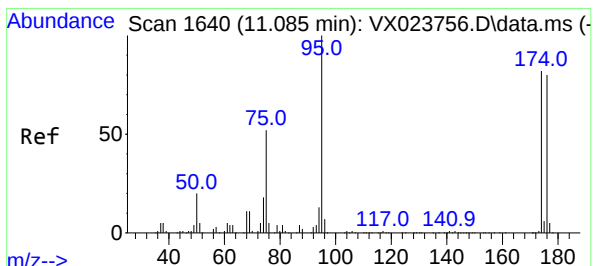
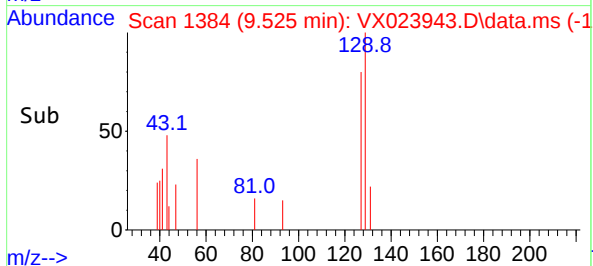
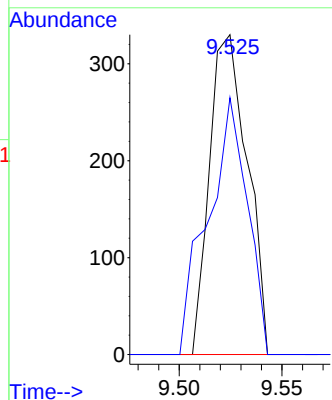
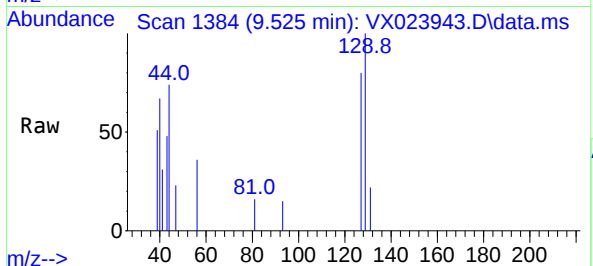




#60
Dibromochloromethane
Concen: 1.895 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

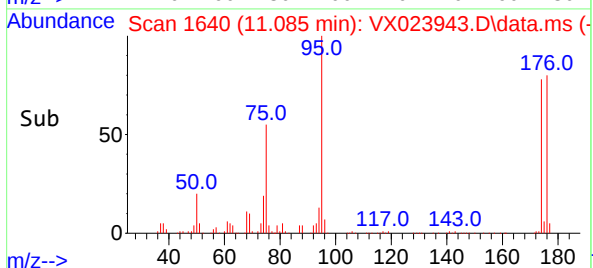
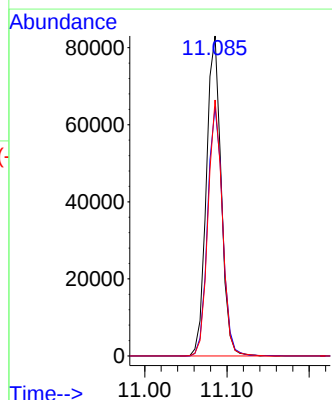
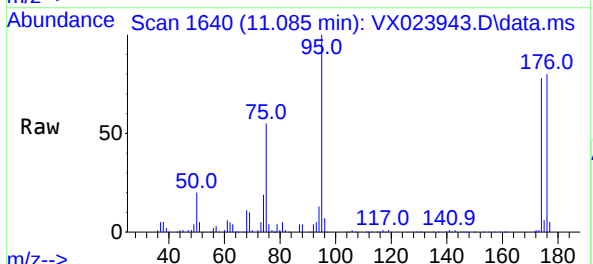
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

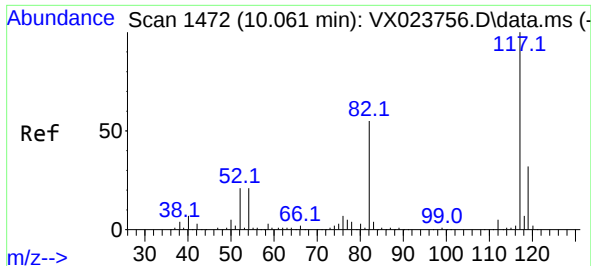
Tgt Ion:129 Resp: 423
Ion Ratio Lower Upper
129 100
127 83.9 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 45.733 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion: 95 Resp: 103546
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 77.3 0.0 155.8

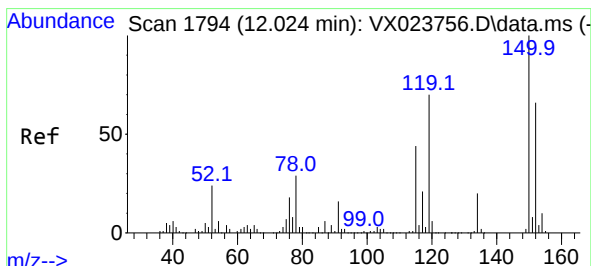
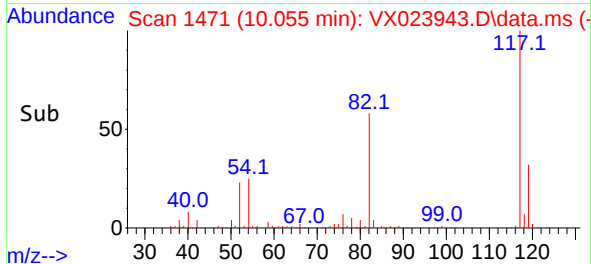
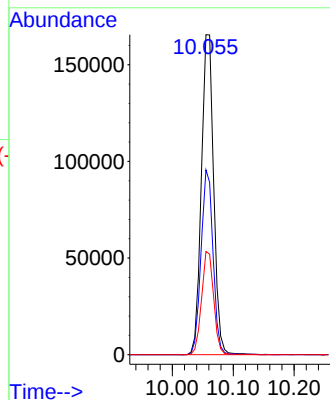
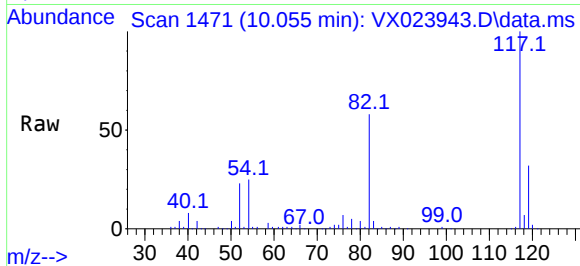




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

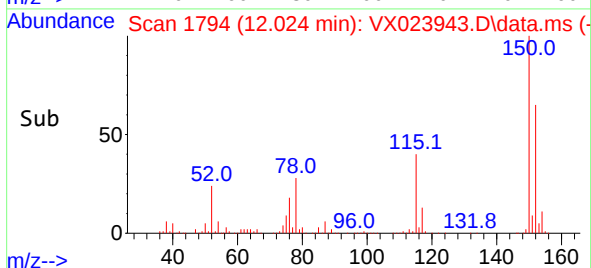
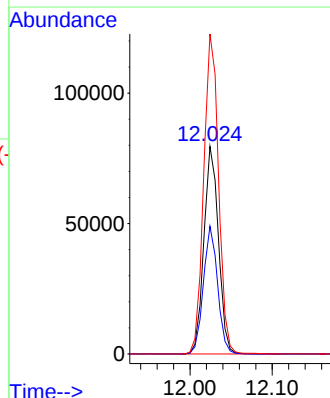
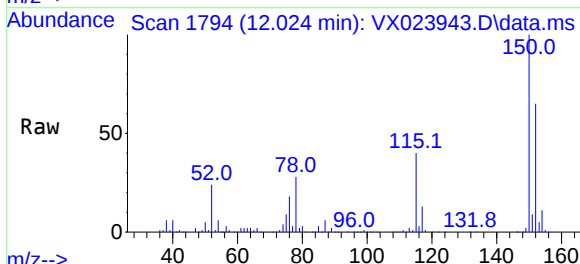
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

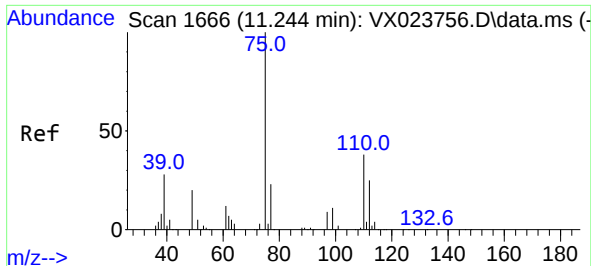
Tgt Ion:117 Resp: 232065
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Tgt Ion:152 Resp: 97760
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 157.2 0.0 349.0

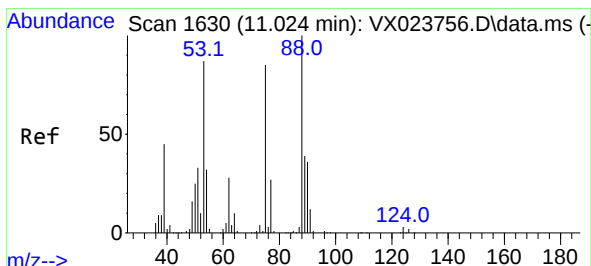
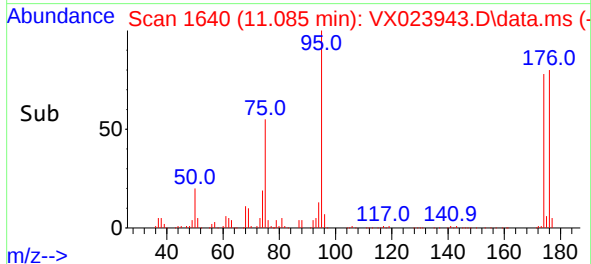
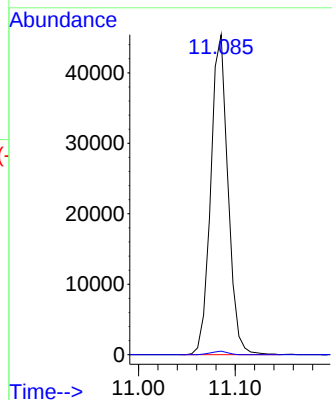
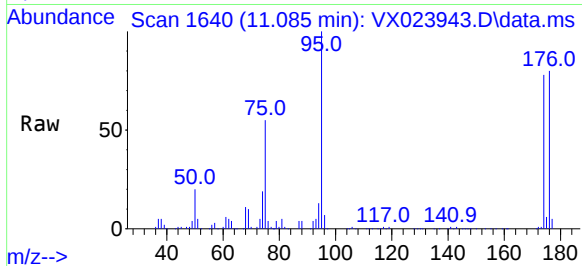




#76
1,2,3-Trichloropropane
Concen: 24.687 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

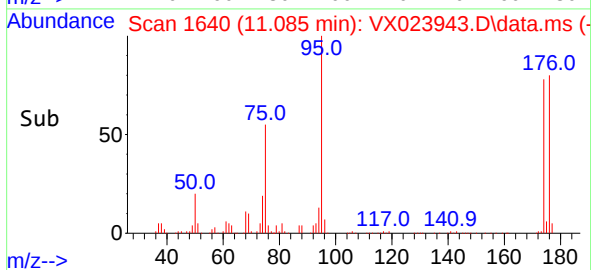
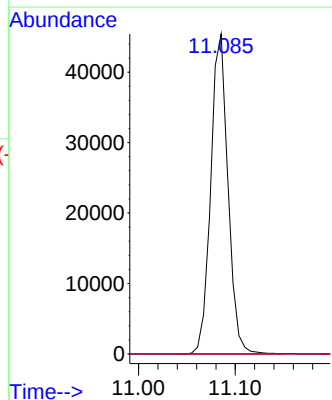
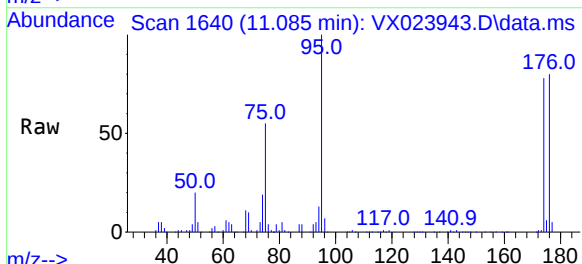
Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021

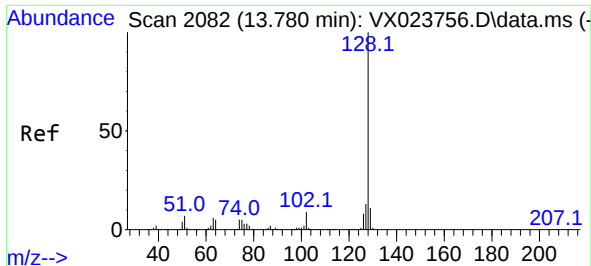
Tgt Ion: 75 Resp: 56299
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.619 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

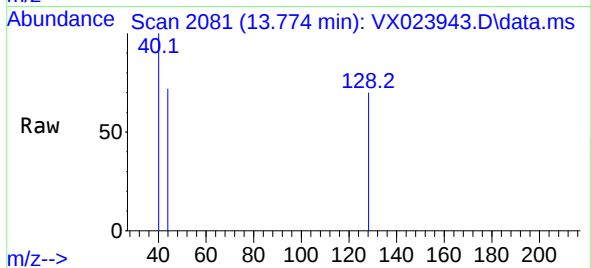
Tgt Ion: 75 Resp: 56299
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023943.D
Acq: 25 Aug 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
WVLY-SW-09-GW-082021



Tgt Ion:128 Resp: 107
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

