

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025864.D
 Acq On : 16 Dec 2021 18:40
 Operator : JC/MD
 Sample : PB141455ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 02:35:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

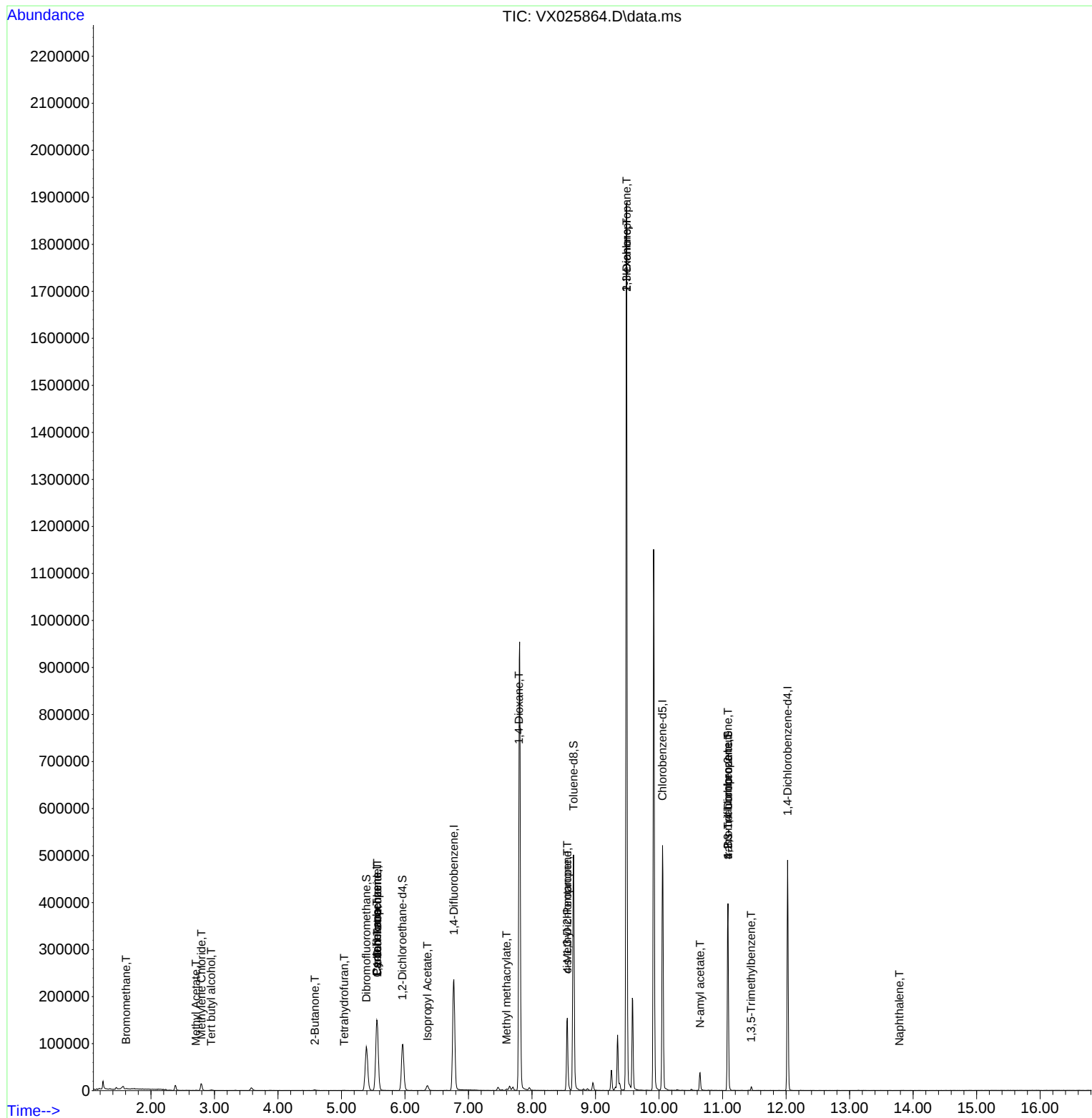
Internal Standards						
1) Pentafluorobenzene	5.556	168	139046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95651	47.811	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.620%		
35) Dibromofluoromethane	5.391	113	77996	45.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.300%		
50) Toluene-d8	8.653	98	295989	47.545	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.080%		
62) 4-Bromofluorobenzene	11.085	95	103785	43.887	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.780%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	353	0.287	ug/l #	63
11) Tert butyl alcohol	2.946	59	944	2.352	ug/l #	73
16) Acetone	2.379	43	11358	Below Cal	#	86
18) Methyl Acetate	2.709	43	873	0.286	ug/l #	90
20) Methylene Chloride	2.794	84	6313	1.335	ug/l	97
25) 2-Butanone	4.580	43	2190	1.628	ug/l #	81
29) Tetrahydrofuran	5.044	42	358	0.418	ug/l #	42
31) Cyclohexane	5.556	56	3266	1.342	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	11289	4.872	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15198	5.637	ug/l #	15
43) Isopropyl Acetate	6.354	43	13816	3.331	ug/l	98
48) Methyl methacrylate	7.598	41	4437	2.272	ug/l #	12
49) 1,4-Dioxane	7.793	88	67	1.571	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	53409	19.671	ug/l #	50
54) cis-1,3-Dichloropropene	8.555	75	24025	8.618	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	15381	4.965	ug/l #	42
59) 2-Hexanone	9.488	43	217857	105.902	ug/l #	51
74) N-amyl acetate	10.646	43	9699	3.360	ug/l #	53
76) 1,2,3-Trichloropropane	11.085	75	52837	23.319	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3445	0.579	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	52837	72.296	ug/l #	10
95) Naphthalene	13.786	128	80	2.423	ug/l #	69

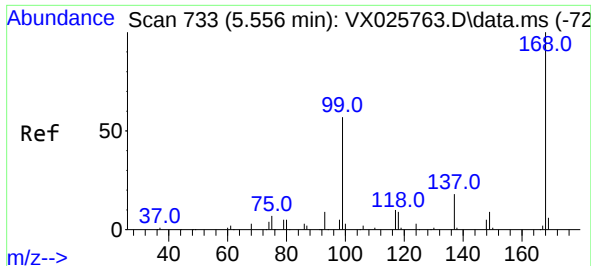
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
Data File : VX025864.D
Acq On : 16 Dec 2021 18:40
Operator : JC/MD
Sample : PB141455ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

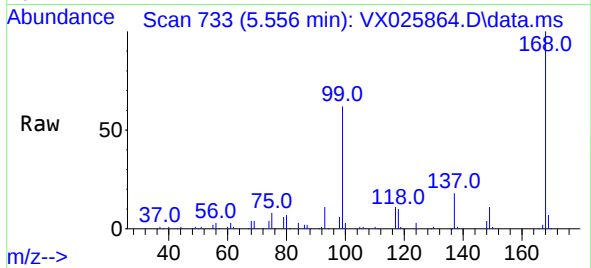
Quant Time: Dec 17 02:35:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



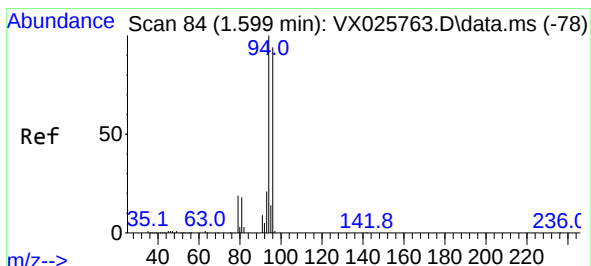
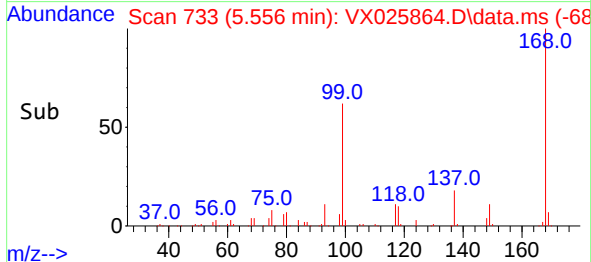
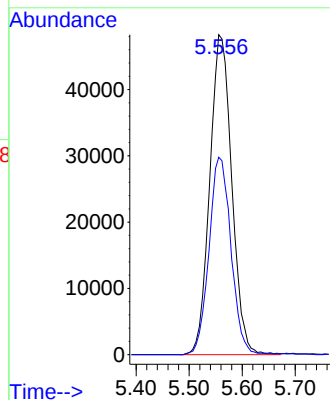


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :

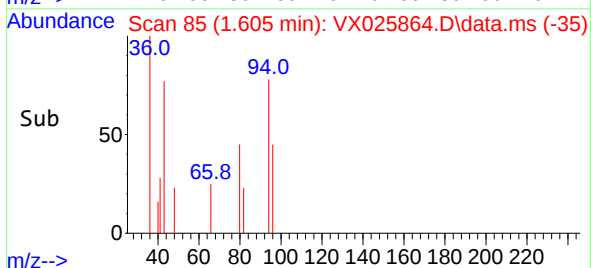
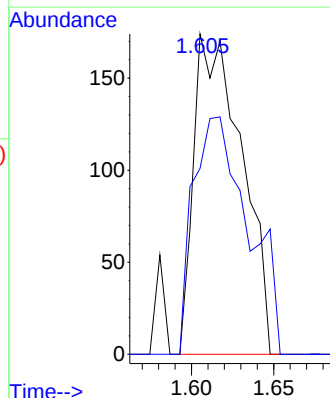
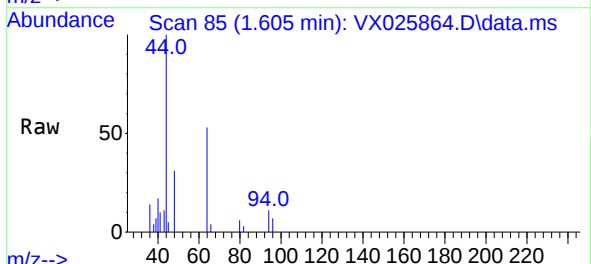


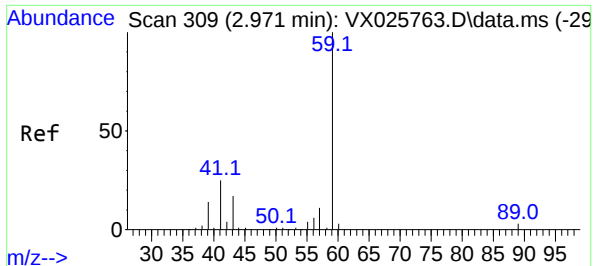
Tgt Ion:168 Resp: 139046
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.8



#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

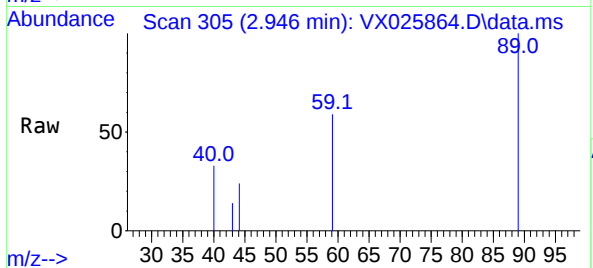
Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 58.0 75.0 112.4#



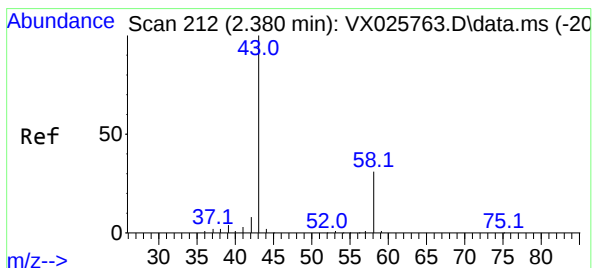
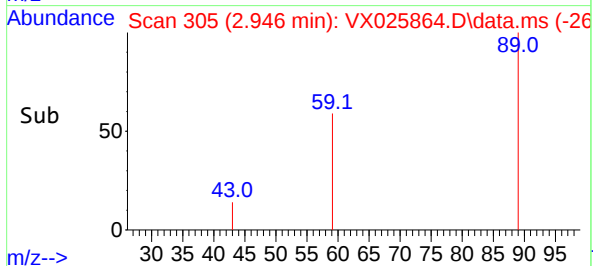
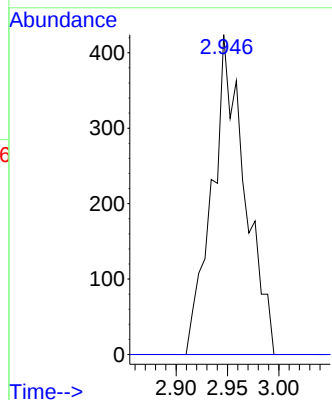


#11
Tert butyl alcohol
Concen: 2.352 ug/l
RT: 2.946 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :

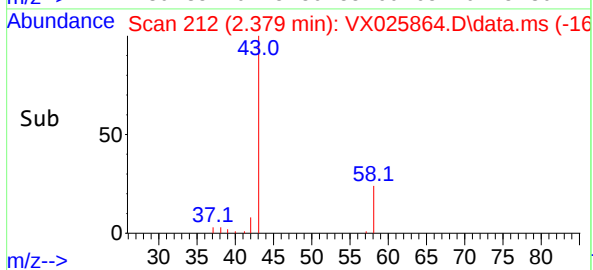
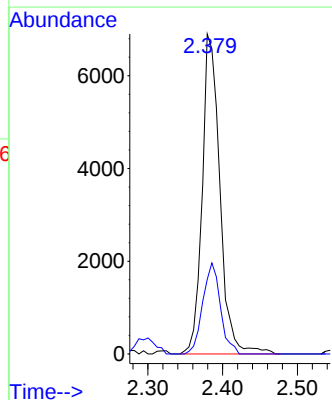
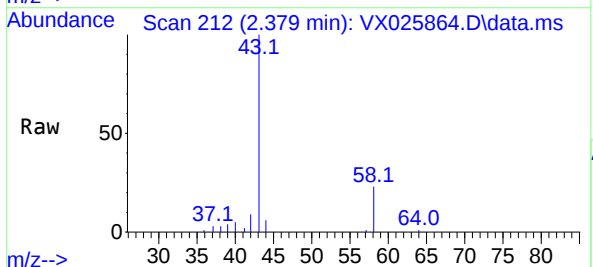


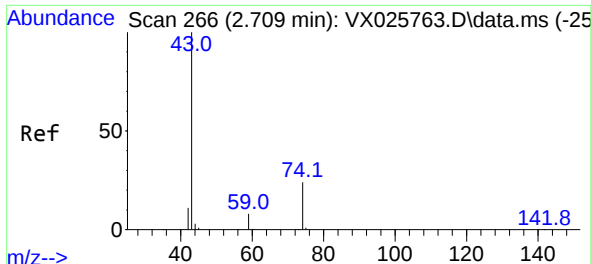
Tgt Ion: 59 Resp: 944
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 43 Resp: 11358
Ion Ratio Lower Upper
43 100
58 23.3 24.8 37.2#

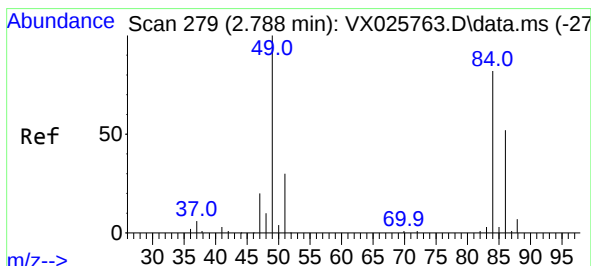
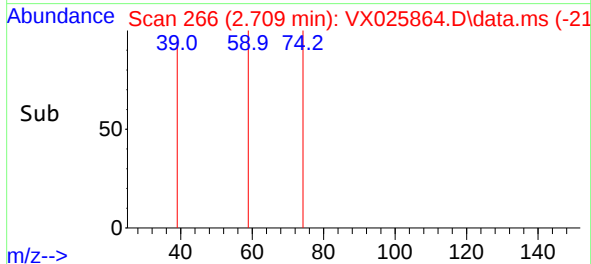
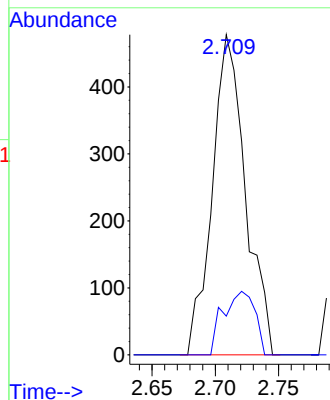
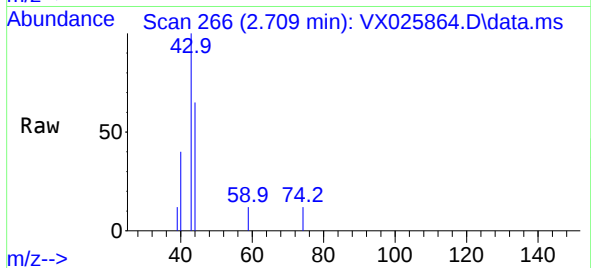




#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

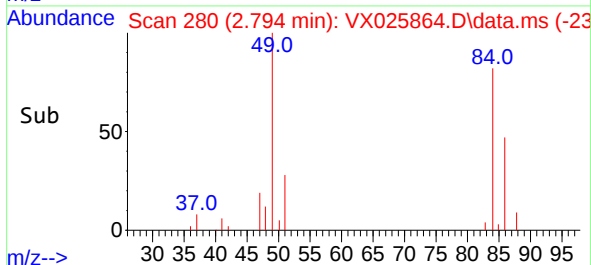
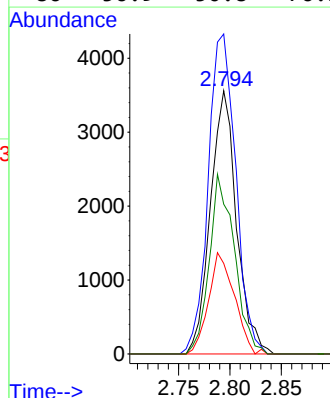
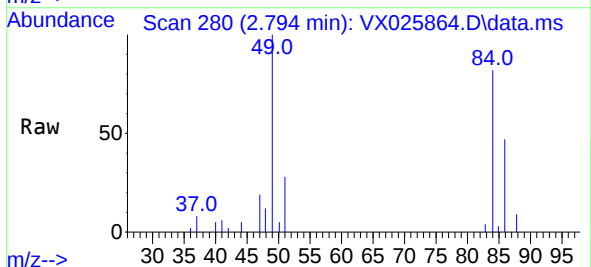
Instrument :
MSVOA_X
ClientSampleId :

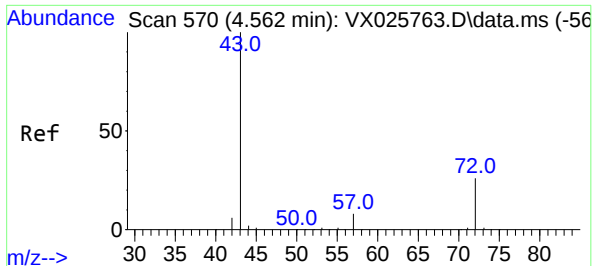
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
74 19.0 19.1 28.7#



#20
Methylene Chloride
Concen: 1.335 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 84 Resp: 6313
Ion Ratio Lower Upper
84 100
49 121.6 97.1 145.7
51 34.4 29.3 43.9
86 56.9 50.8 76.2

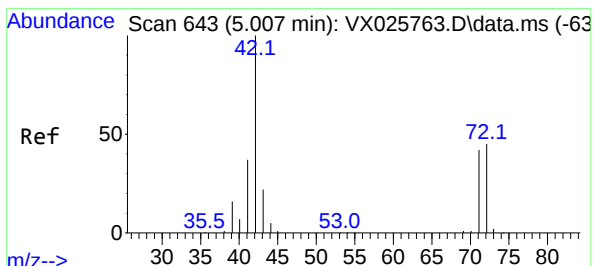
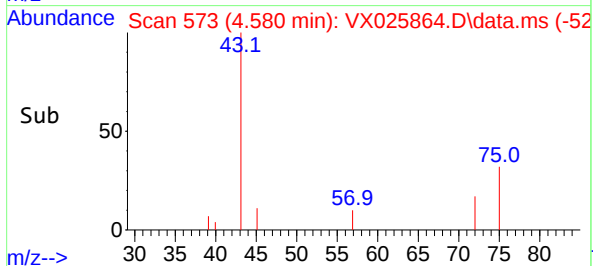
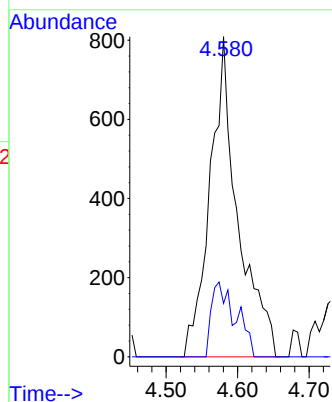
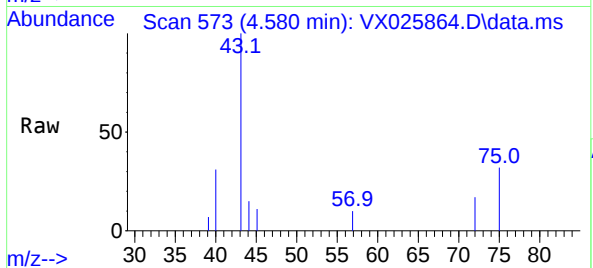




#25
2-Butanone
Concen: 1.628 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

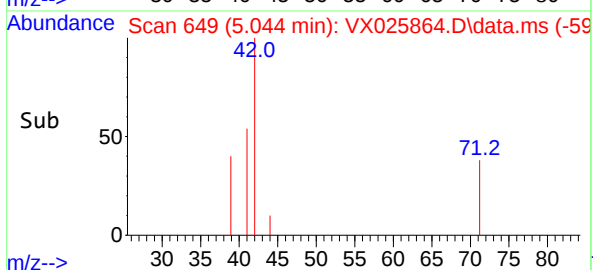
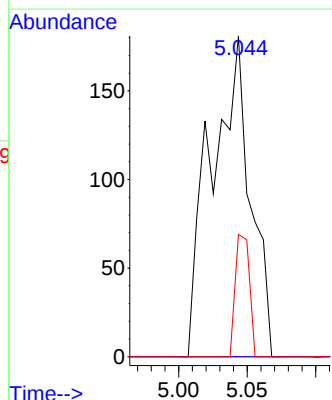
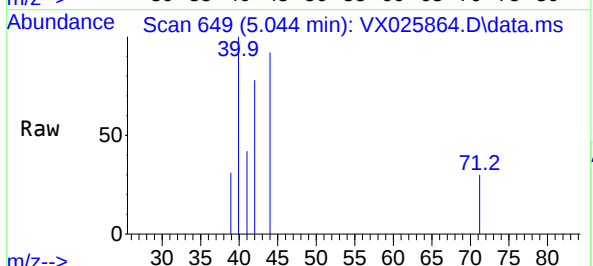
Instrument :
MSVOA_X
ClientSampleId :

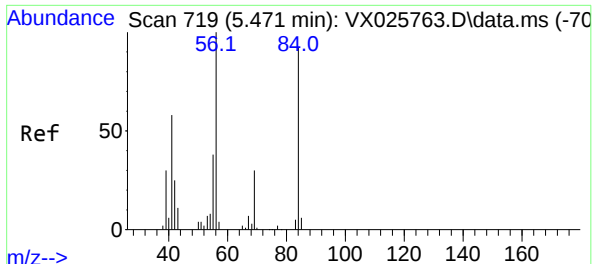
Tgt Ion: 43 Resp: 2190
Ion Ratio Lower Upper
43 100
72 16.7 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.418 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.036 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

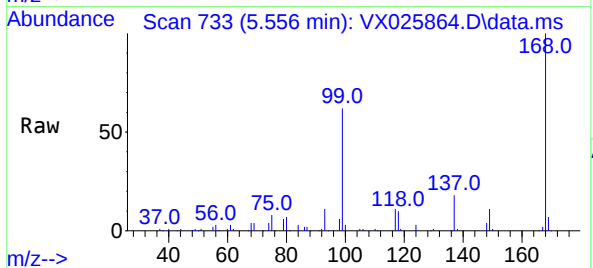
Tgt Ion: 42 Resp: 358
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.6#
71 13.7 34.1 51.1#



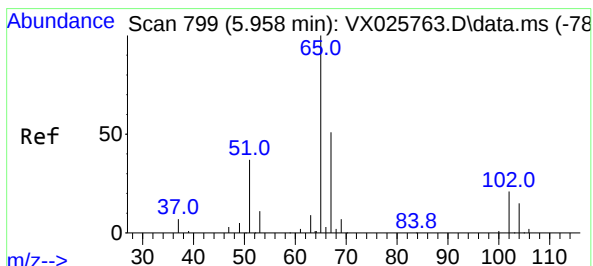
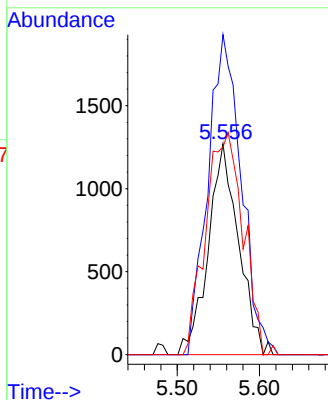
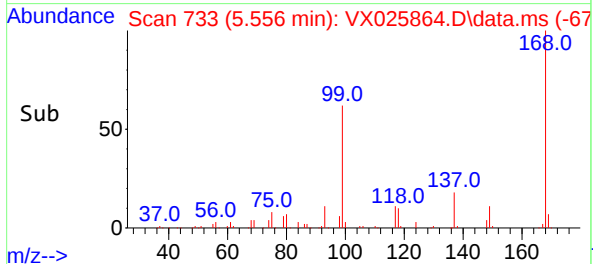


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :

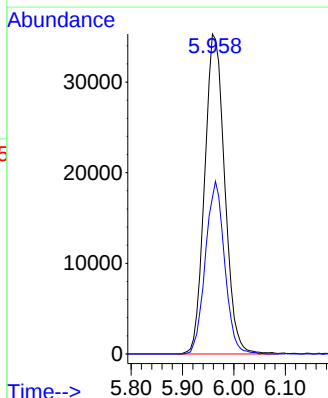
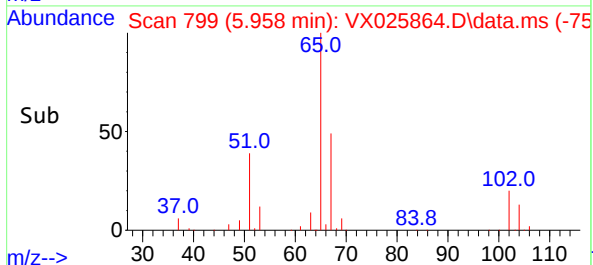
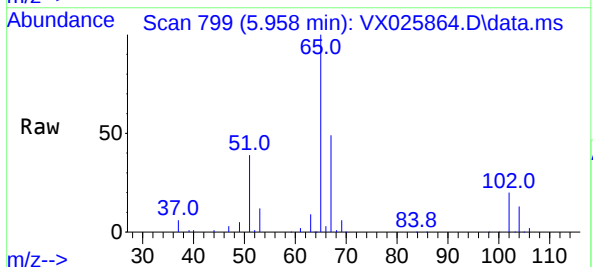


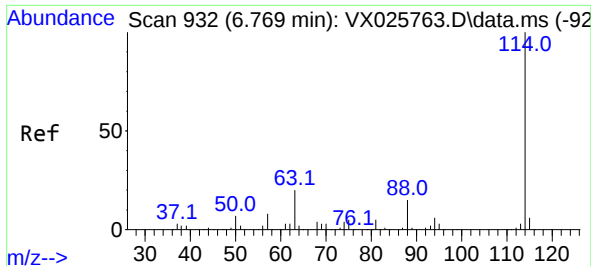
Tgt Ion: 56 Resp: 3266
Ion Ratio Lower Upper
56 100
69 151.7 23.9 35.9#
84 98.5 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 47.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

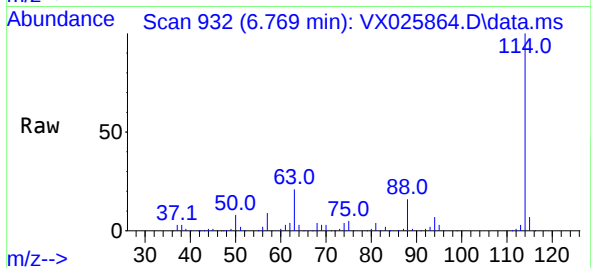
Tgt Ion: 65 Resp: 95651
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



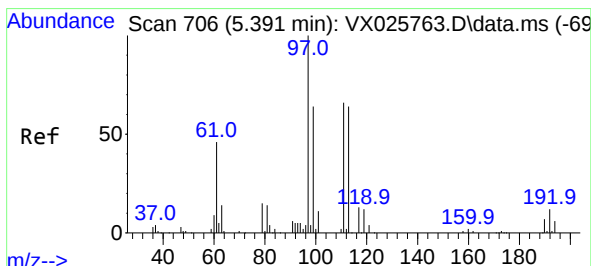
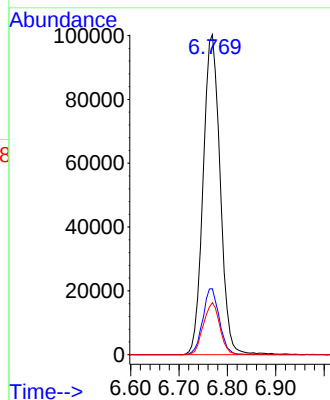
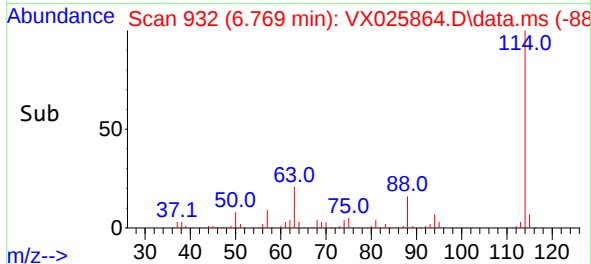


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :

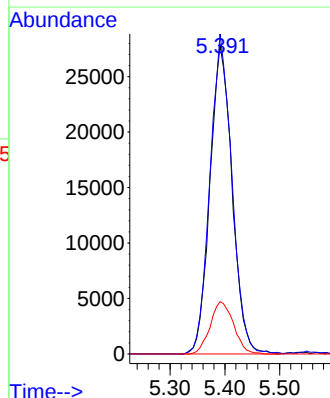
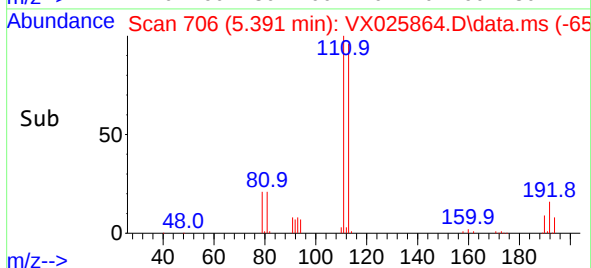
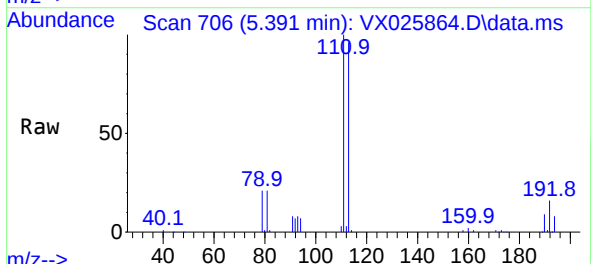


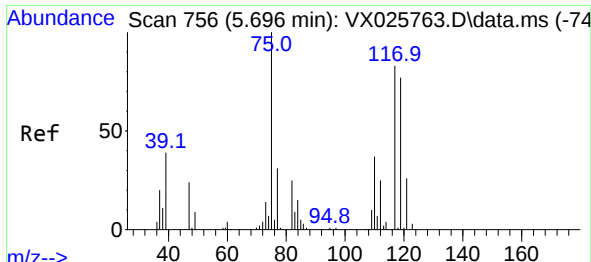
Tgt Ion:114 Resp: 244998
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.648 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

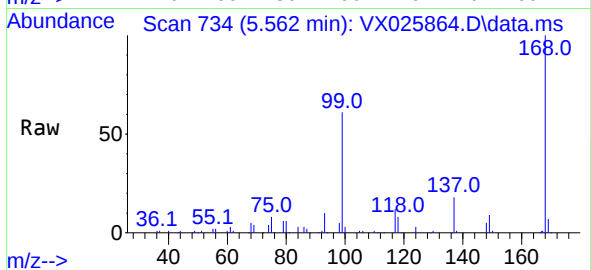
Tgt Ion:113 Resp: 77996
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 17.9 15.0 22.4



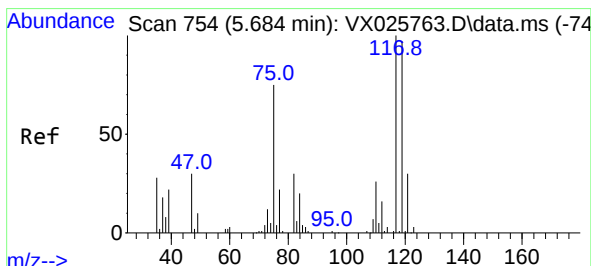
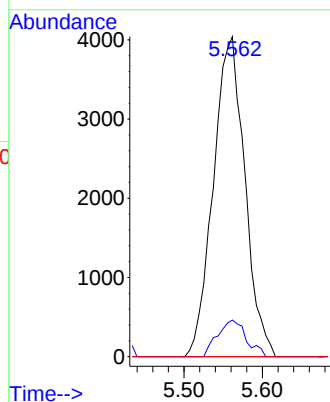
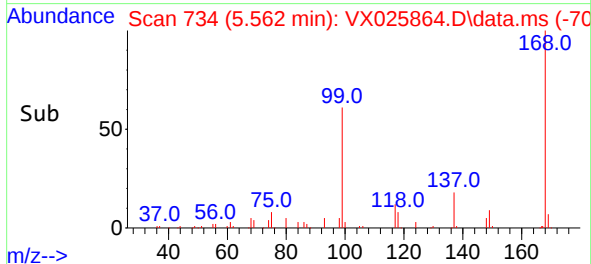


#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

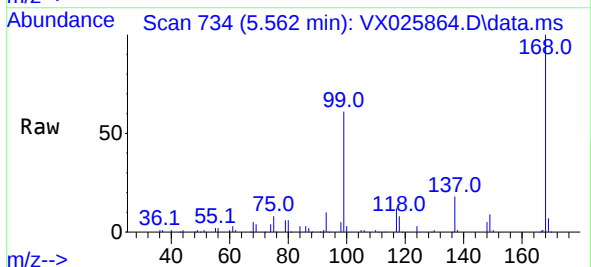
Instrument :
MSVOA_X
ClientSampleId :



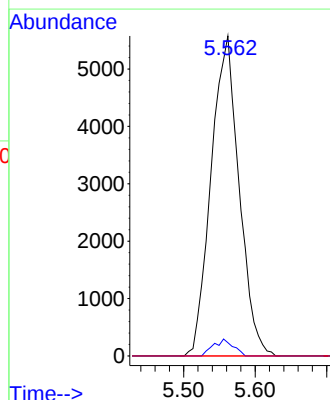
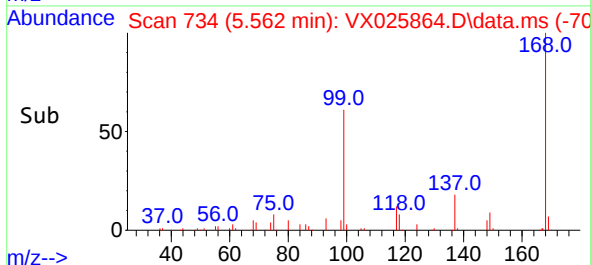
Tgt Ion: 75 Resp: 11289
Ion Ratio Lower Upper
75 100
110 10.4 18.2 54.6#
77 0.0 24.7 37.1#

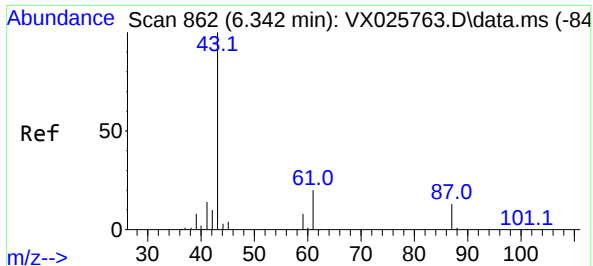


#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40



Tgt Ion: 117 Resp: 15198
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 23.8 35.8#

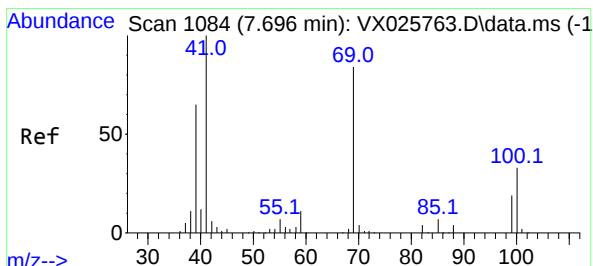
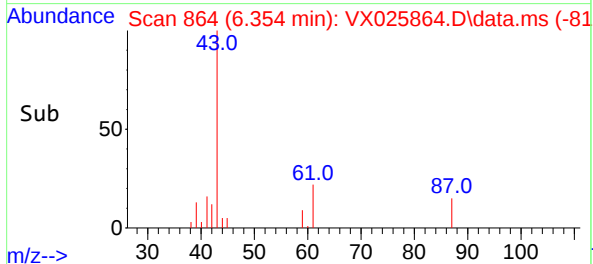
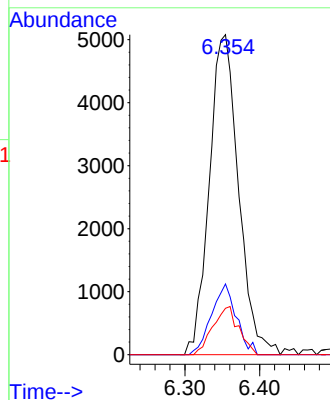
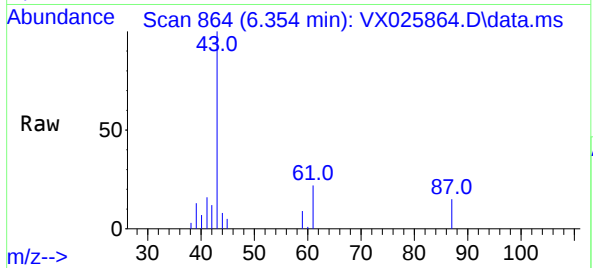




#43
Isopropyl Acetate
Concen: 3.331 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

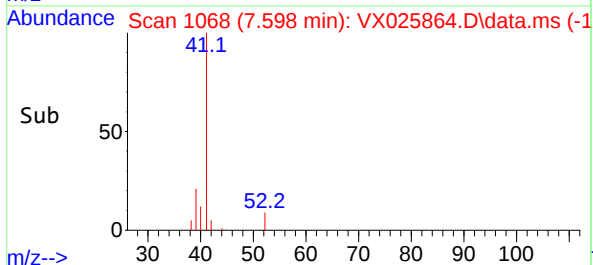
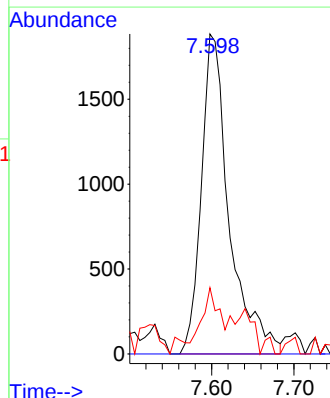
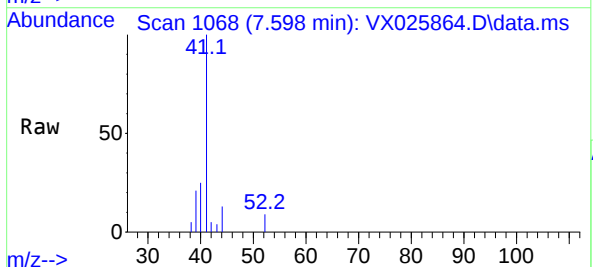
Instrument :
MSVOA_X
ClientSampleId :

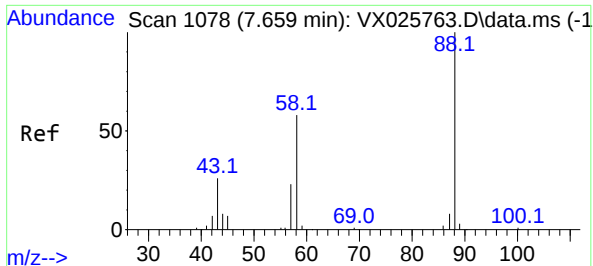
Tgt Ion: 43 Resp: 13816
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5
87 13.3 11.2 16.8



#48
Methyl methacrylate
Concen: 2.272 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 41 Resp: 4437
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#

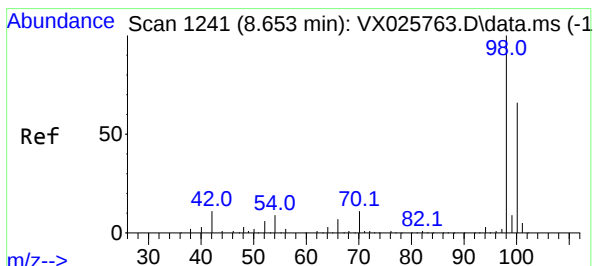
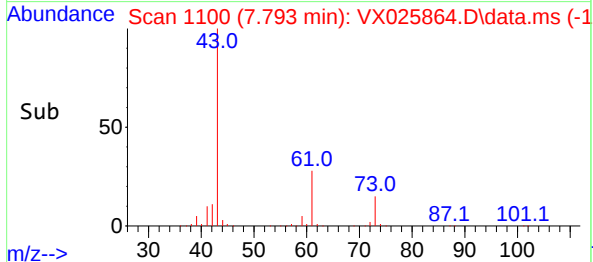
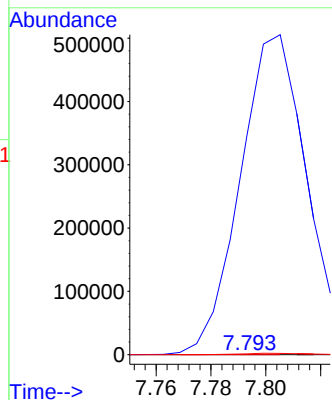
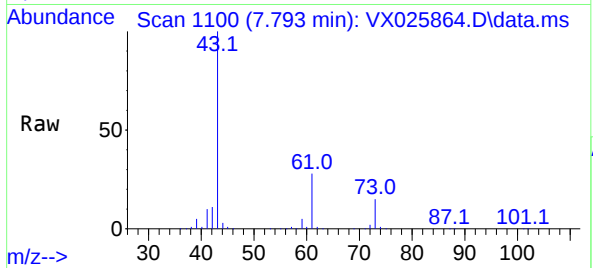




#49
1,4-Dioxane
Concen: 1.571 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

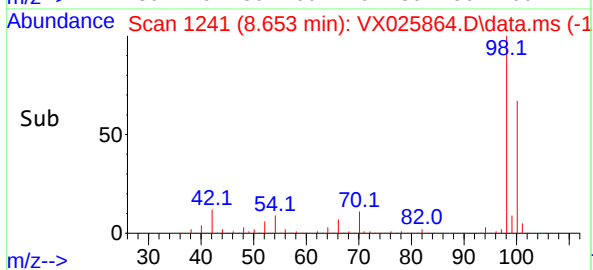
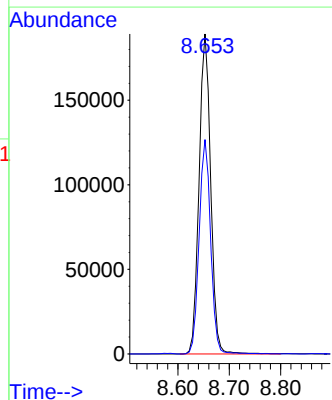
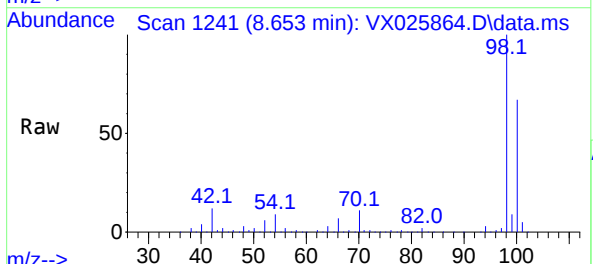
Instrument :
MSVOA_X
ClientSampleId :

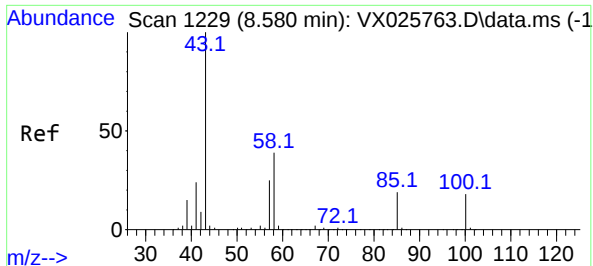
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 1301946.3 25.3 37.9#
58 5364.2 51.8 77.6#



#50
Toluene-d8
Concen: 47.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 98 Resp: 295989
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

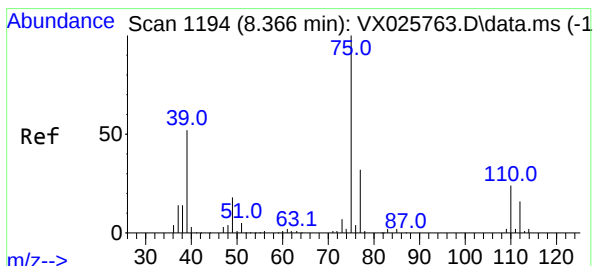
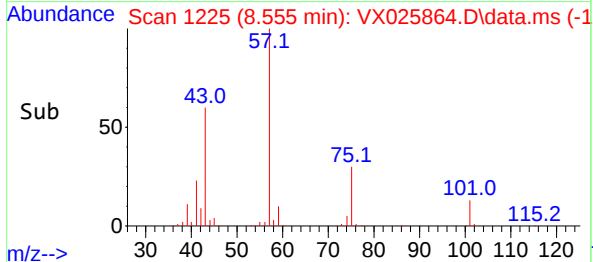
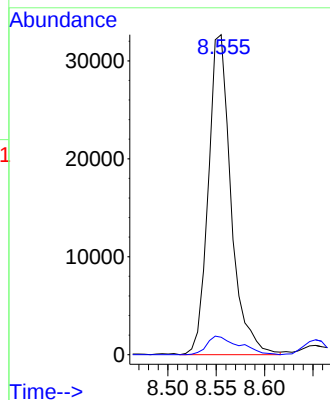
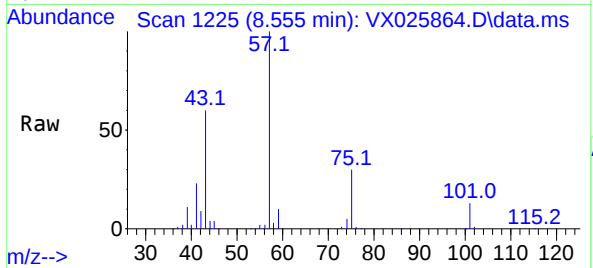




#51
4-Methyl-2-Pentanone
Concen: 19.671 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

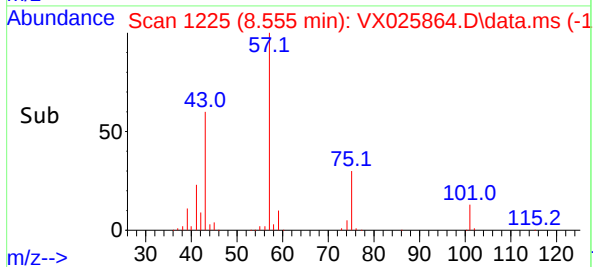
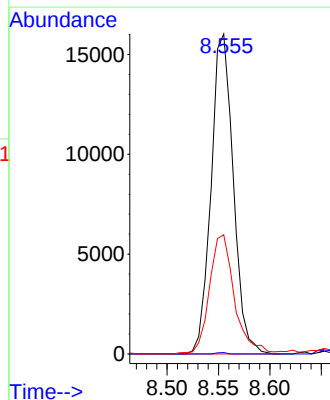
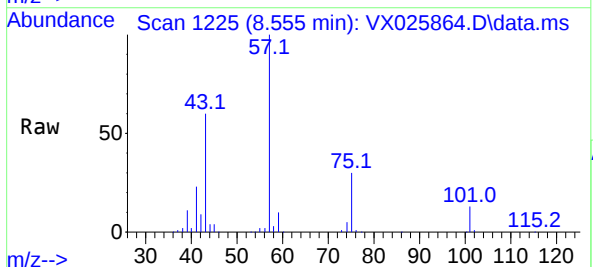
Instrument :
MSVOA_X
ClientSampleId :

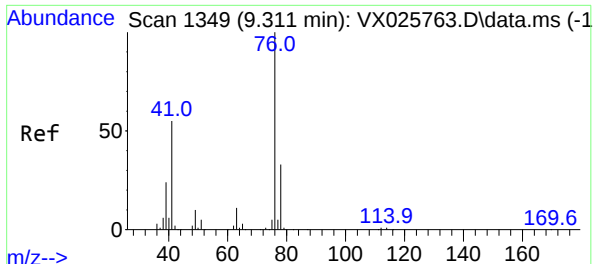
Tgt Ion: 43 Resp: 53409
Ion Ratio Lower Upper
43 100
58 8.2 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 8.618 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 75 Resp: 24025
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 36.9 41.4 62.0#

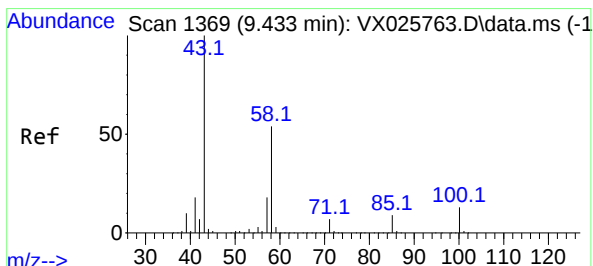
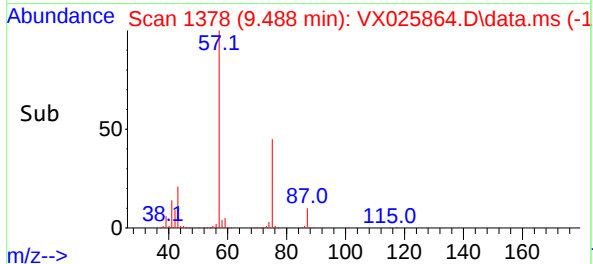
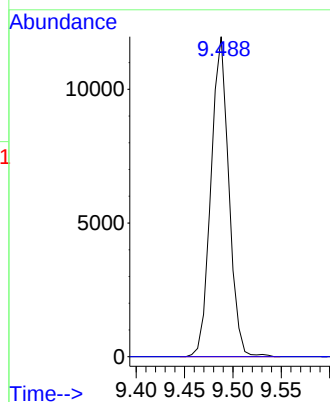
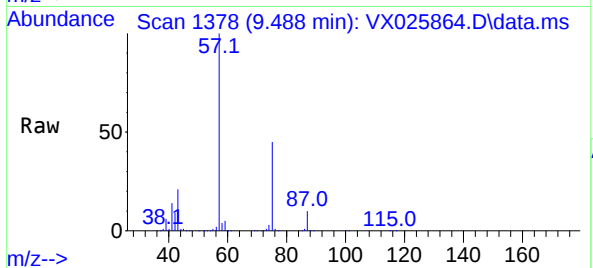




#57
1,3-Dichloropropane
Concen: 4.965 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.176 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

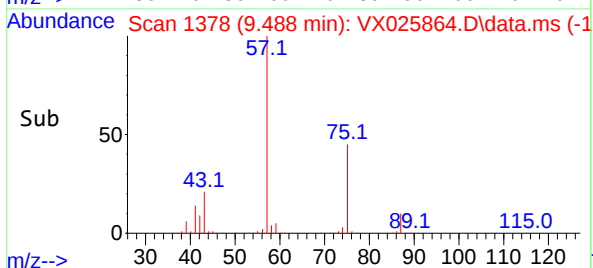
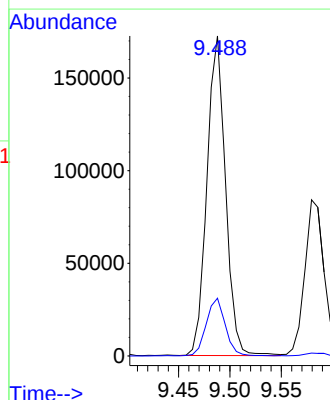
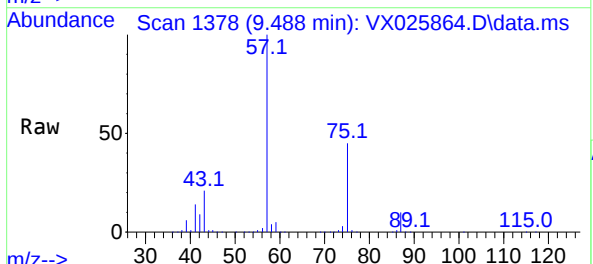
Instrument :
MSVOA_X
ClientSampleId :

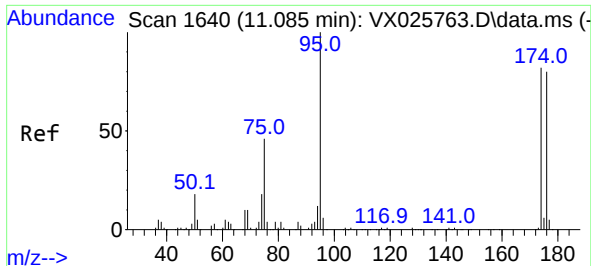
Tgt Ion: 76 Resp: 15381
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 105.902 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

Tgt Ion: 43 Resp: 217857
Ion Ratio Lower Upper
43 100
58 18.4 26.9 80.6#

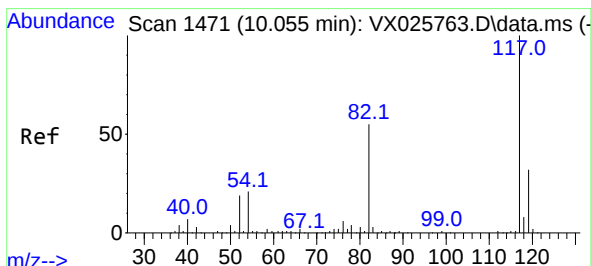
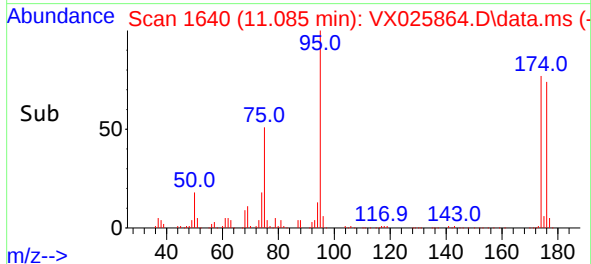
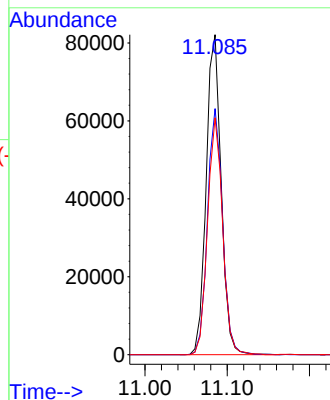
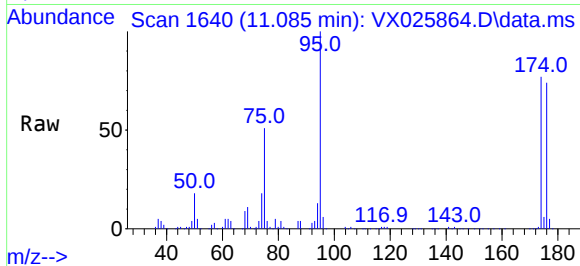




#62
4-Bromofluorobenzene
Concen: 43.887 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

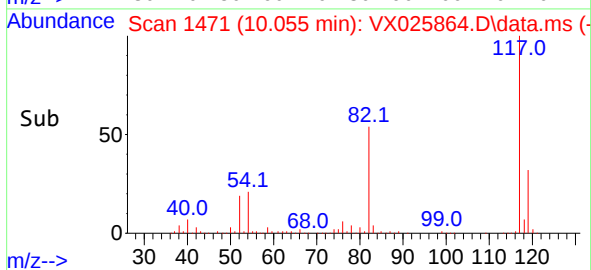
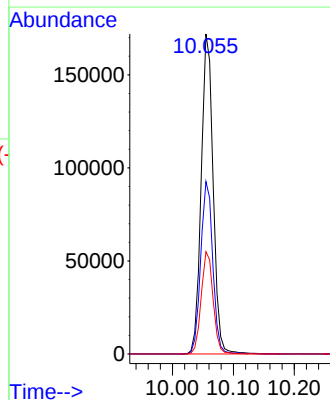
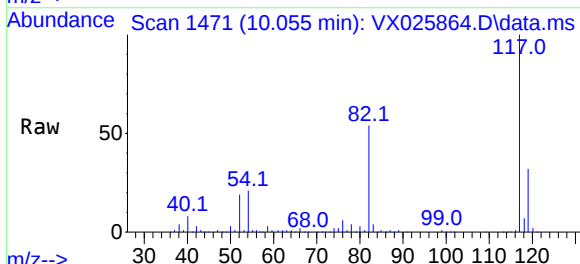
Instrument :
MSVOA_X
ClientSampleId :

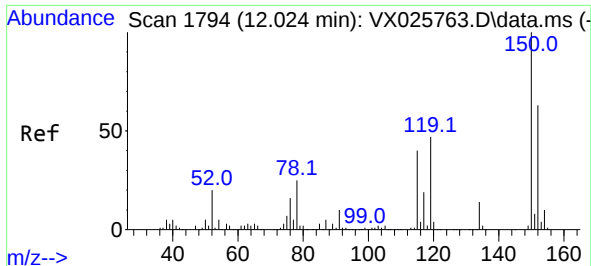
Tgt Ion: 95 Resp: 103785
Ion Ratio Lower Upper
95 100
174 77.5 0.0 157.4
176 74.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

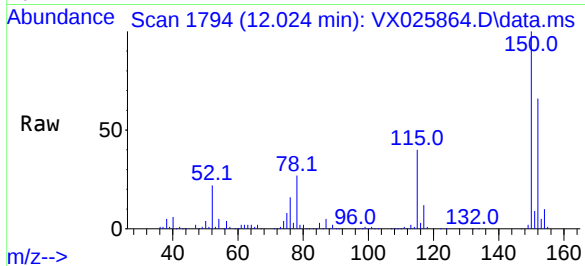
Tgt Ion: 117 Resp: 233962
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.0 25.2 37.8



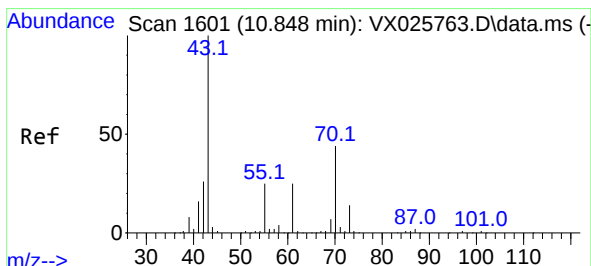
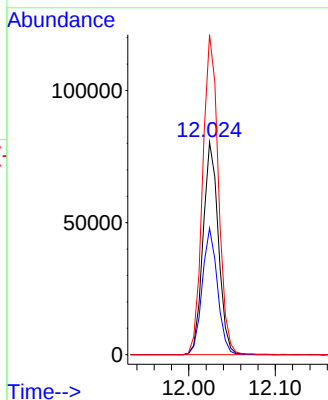
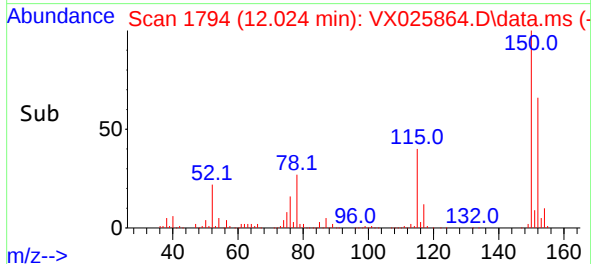


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

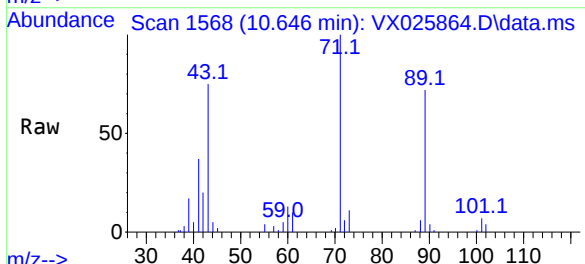
Instrument :
MSVOA_X
ClientSampleId :



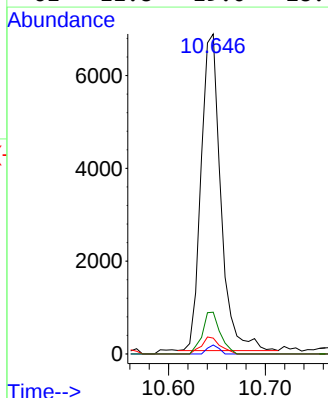
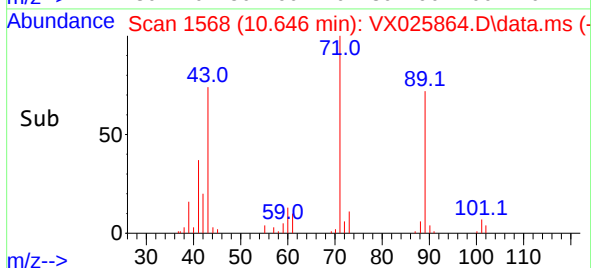
Tgt Ion:152 Resp: 98893
Ion Ratio Lower Upper
152 100
115 59.3 41.3 123.9
150 154.3 0.0 351.8

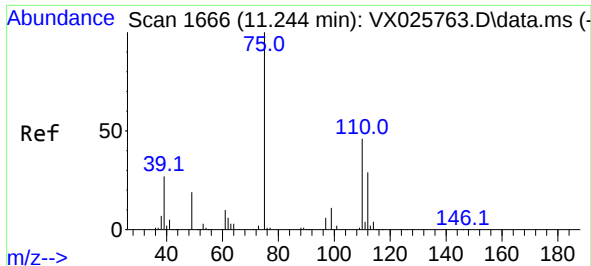


#74
N-ethyl acetate
Concen: 3.360 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.202 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40



Tgt Ion: 43 Resp: 9699
Ion Ratio Lower Upper
43 100
70 1.6 34.1 51.1#
55 5.0 19.2 28.8#
61 11.8 19.0 28.4#

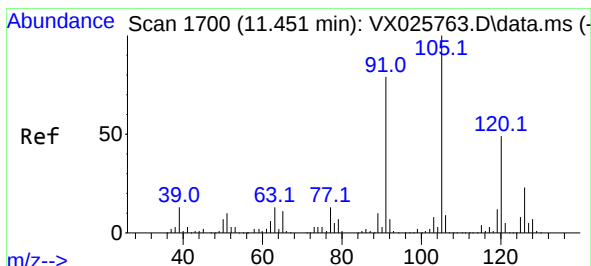
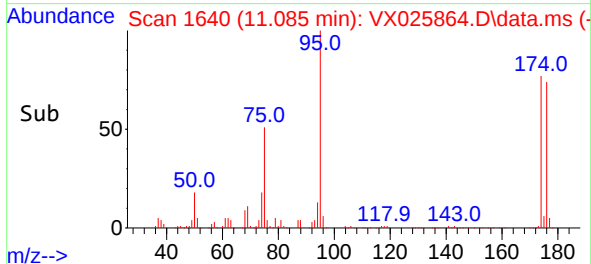
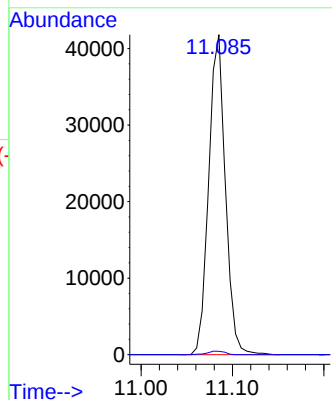
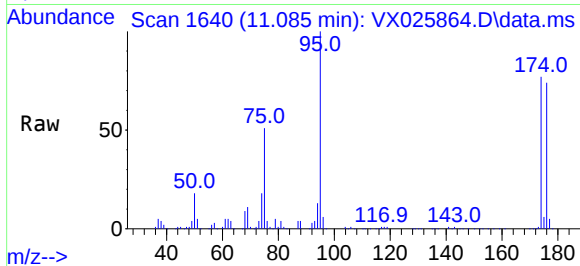




#76
1,2,3-Trichloropropane
Concen: 23.319 ug/l
RT: 11.085 min Scan# 110
Delta R.T. -0.159 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

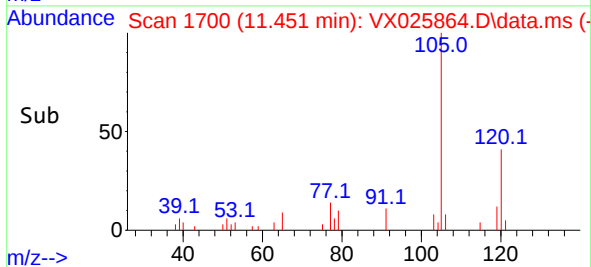
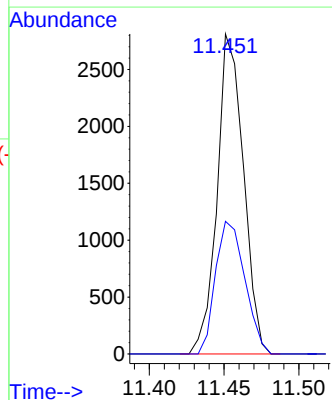
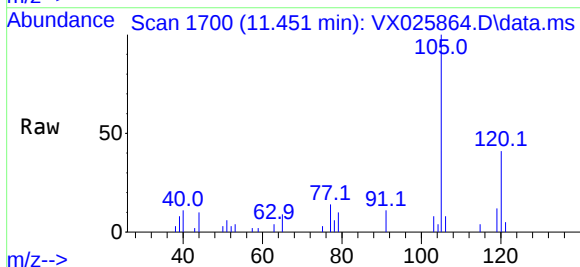
Instrument :
MSVOA_X
ClientSampleId :

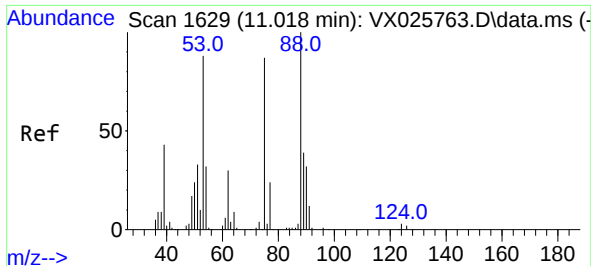
Tgt Ion: 75 Resp: 52837
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.579 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

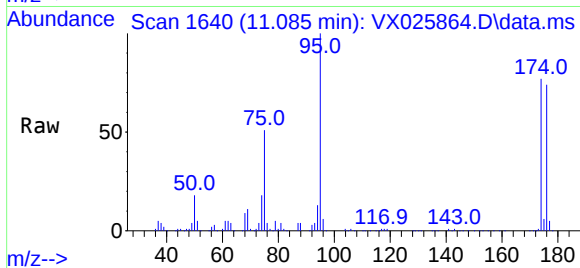
Tgt Ion:105 Resp: 3445
Ion Ratio Lower Upper
105 100
120 46.2 24.9 74.7



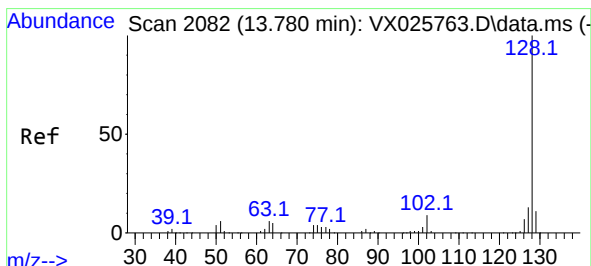
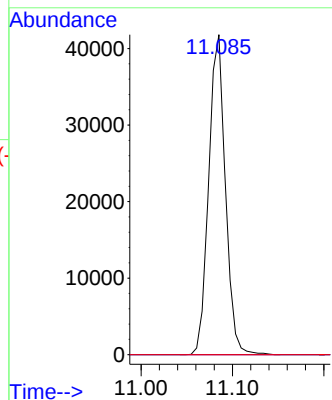
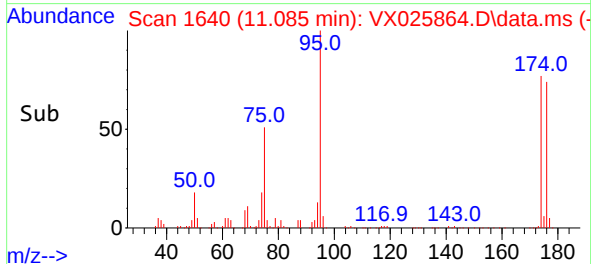


#81
trans-1,4-Dichloro-2-butene
Concen: 72.296 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40

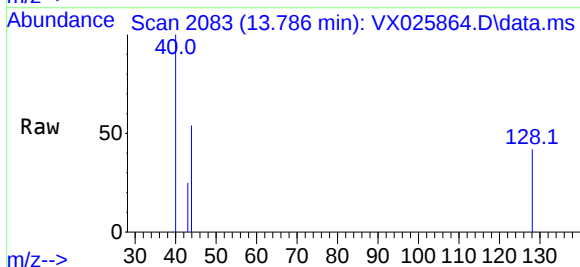
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52837
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 2.423 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025864.D
Acq: 16 Dec 2021 18:40



Tgt Ion: 128 Resp: 80
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

