

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077796.D
 Acq On : 08 Dec 2023 17:37
 Operator : JC/SY
 Sample : 05639-01RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 23:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	1505	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	3846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	835	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	1231	69.414	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.820%	
35) Dibromofluoromethane	7.805	113	1285	47.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.400%	
50) Toluene-d8	10.269	98	3409	31.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 63.180%	
62) 4-Bromofluorobenzene	12.575	95	987	30.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 61.200%	

Target Compounds			Qvalue			
3) Chloromethane	2.240	50	128	4.995	ug/l #	41
4) Vinyl Chloride	2.187	62	56	1.610	ug/l #	1
6) Chloroethane	2.834	64	712	30.020	ug/l #	43
7) Trichlorofluoromethane	3.199	101	57	1.779	ug/l #	17
11) Tert butyl alcohol	5.005	59	53	53.186	ug/l #	73
13) Acrolein	3.640	56	56	29.851	ug/l #	15
14) Allyl chloride	4.546	41	57	2.291	ug/l #	1
15) Acrylonitrile	5.175	53	109	28.297	ug/l #	18
18) Methyl Acetate	4.599	43	55	3.938	ug/l #	42
20) Methylene Chloride	4.858	84	60	Below Cal	#	17
22) Diisopropyl ether	6.246	45	76	1.462	ug/l #	37
23) Vinyl Acetate	6.164	43	67	2.639	ug/l #	63
24) 1,1-Dichloroethane	5.934	63	66	1.874	ug/l #	78
25) 2-Butanone	7.087	43	55	Below Cal	#	37
28) Bromochloromethane	7.287	49	55	3.866	ug/l #	1
29) Tetrahydrofuran	7.446	42	56	19.830	ug/l #	23
31) Cyclohexane	7.858	56	119	3.773	ug/l #	8
36) 1,1-Dichloropropene	7.863	75	55	1.276	ug/l #	39
37) Ethyl Acetate	7.181	43	84	4.999	ug/l #	16
39) Methylcyclohexane	9.146	83	60	1.175	ug/l #	24
41) Methacrylonitrile	7.458	41	96	11.241	ug/l #	1
43) Isopropyl Acetate	8.346	43	80	2.678	ug/l #	43
45) 1,2-Dichloropropane	9.375	63	70	2.354	ug/l #	44
48) Methyl methacrylate	9.381	41	70	4.123	ug/l #	1
49) 1,4-Dioxane	9.393	88	62	396.906	ug/l #	44
51) 4-Methyl-2-Pentanone	10.169	43	69	4.526	ug/l #	28
54) cis-1,3-Dichloropropene	9.940	75	60	1.296	ug/l #	1
56) Ethyl methacrylate	10.857	69	62	3.269	ug/l #	1
57) 1,3-Dichloropropane	11.069	76	69	1.860	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.881	63	60	5.547	ug/l #	43
59) 2-Hexanone	10.922	43	56	4.428	ug/l #	21
60) Dibromochloromethane	11.116	129	68	2.625	ug/l #	12
65) Chlorobenzene	11.610	112	291	2.876	ug/l #	43
68) m/p-Xylenes	11.804	106	56	1.318	ug/l #	1
74) N-amyl acetate	12.246	43	64	5.145	ug/l #	22
75) 1,1,2,2-Tetrachloroethane	12.634	83	56	5.075	ug/l #	25

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

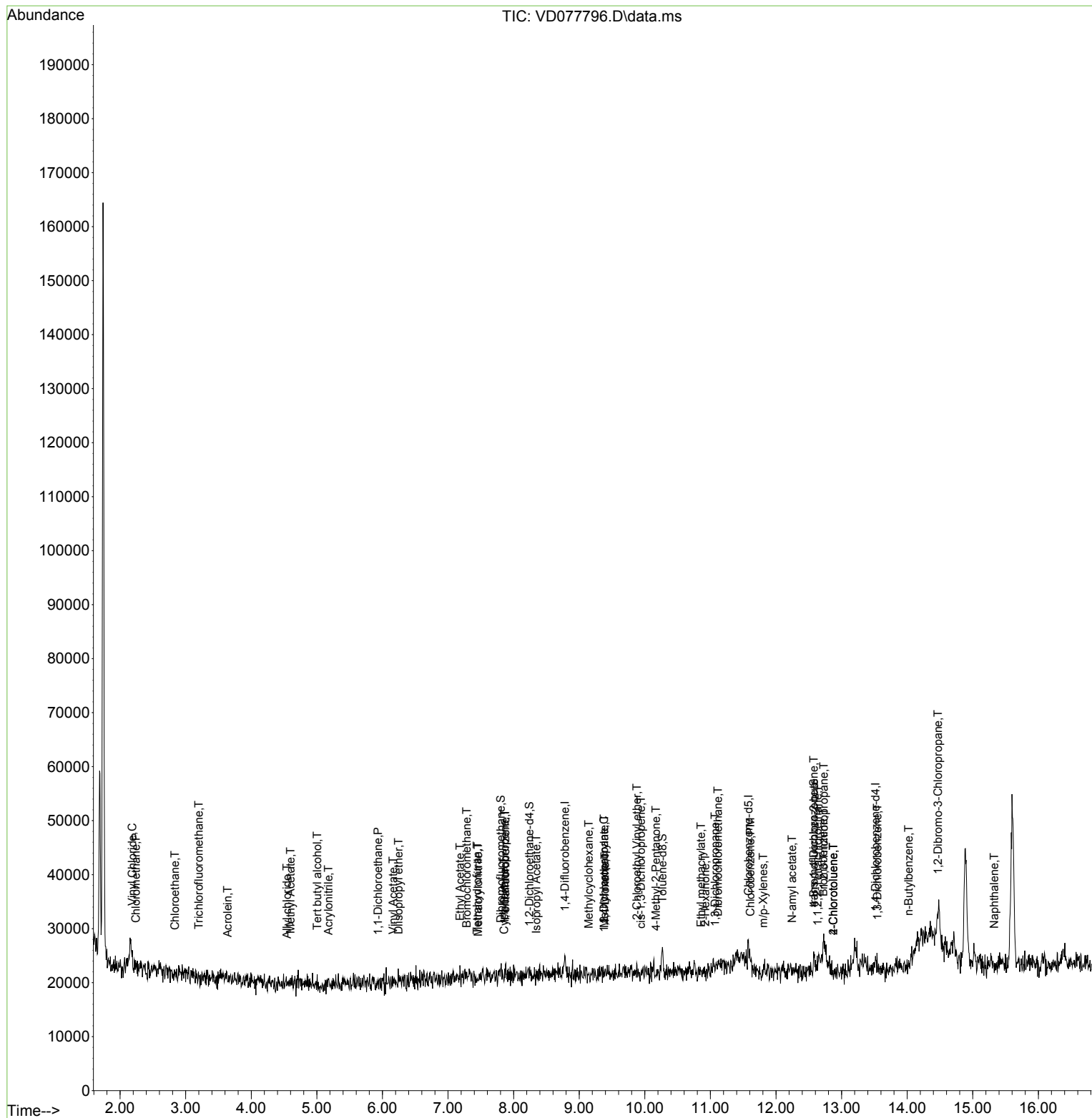
76) 1,2,3-Trichloropropane	12.728	75	67	9.239	ug/l #	100
77) Bromobenzene	12.722	156	1951	131.066	ug/l #	1
79) 2-Chlorotoluene	12.875	91	72	1.742	ug/l #	36
81) trans-1,4-Dichloro-2-b...	12.575	75	397	110.914	ug/l #	17
82) 4-Chlorotoluene	12.875	91	72	1.667	ug/l #	36
87) 1,3-Dichlorobenzene	13.546	146	68	2.234	ug/l #	25
89) n-Butylbenzene	14.022	91	68	1.225	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.469	75	83	51.964	ug/l #	1
95) Naphthalene	15.328	128	1006	34.239	ug/l #	69

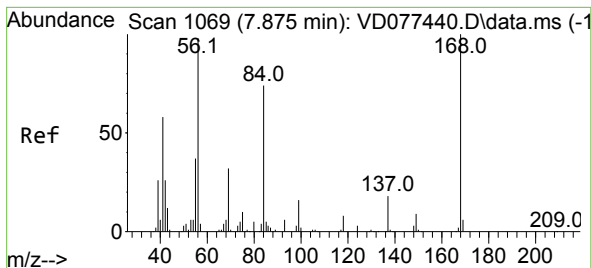
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 13:33:18 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

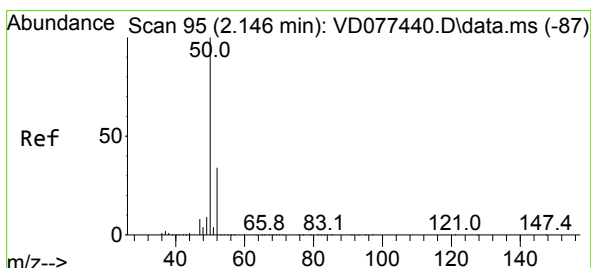
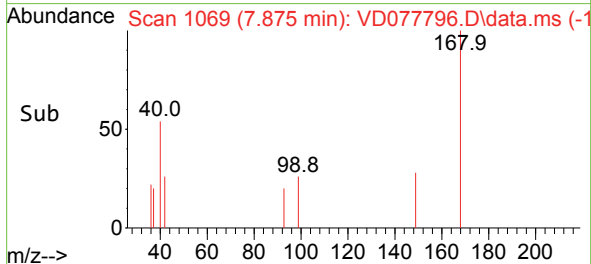
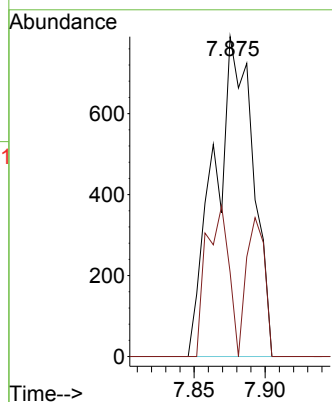
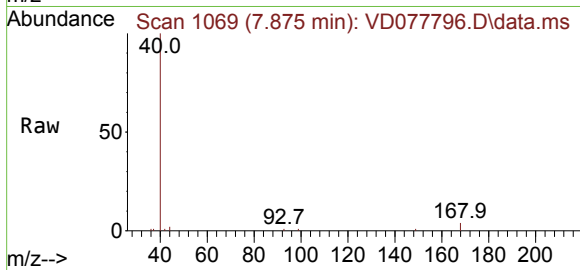
ClientSampleId :

Tgt Ion:168 Resp: 1505

Ion Ratio Lower Upper

168 100

99 26.3 36.7 55.1#



#3

Chloromethane

Concen: 4.995 ug/l

RT: 2.240 min Scan# 111

Delta R.T. 0.094 min

Lab File: VD077796.D

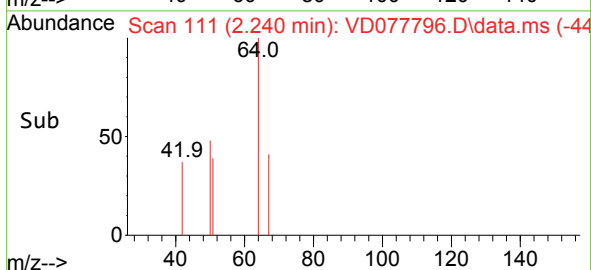
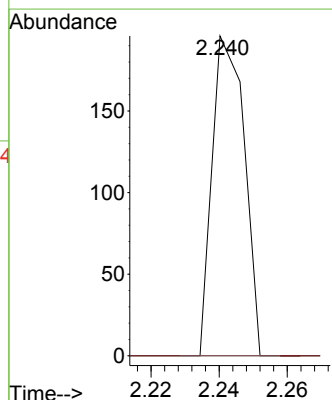
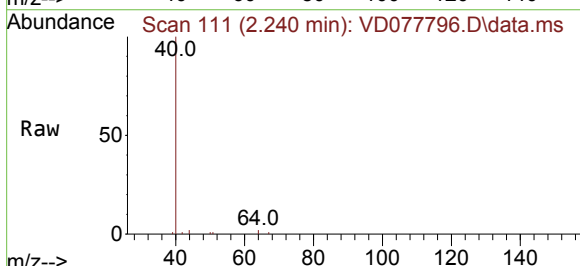
Acq: 08 Dec 2023 17:37

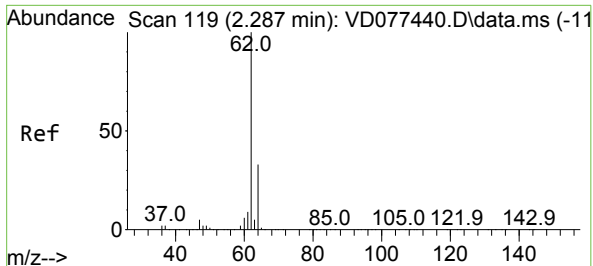
Tgt Ion: 50 Resp: 128

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#

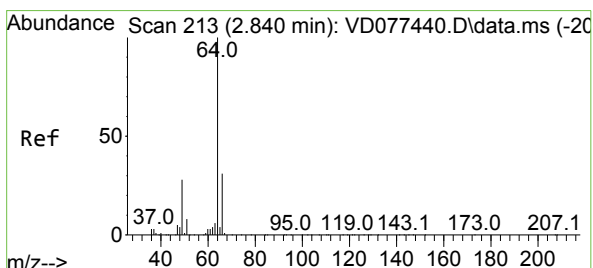
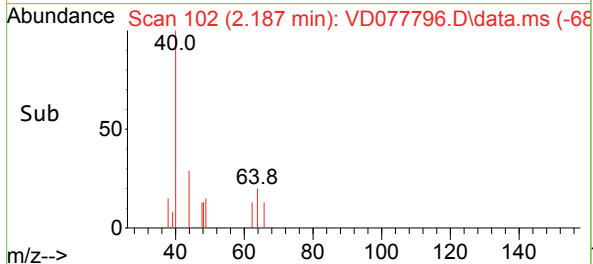
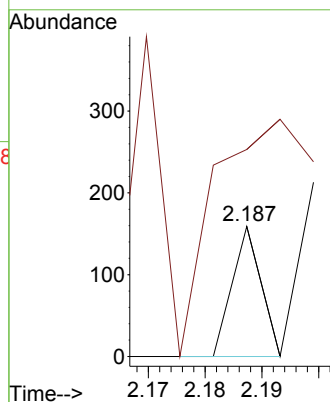
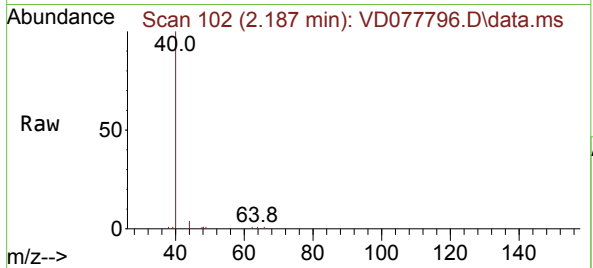




#4
 Vinyl Chloride
 Concen: 1.610 ug/l
 RT: 2.187 min Scan# 102
 Delta R.T. -0.100 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

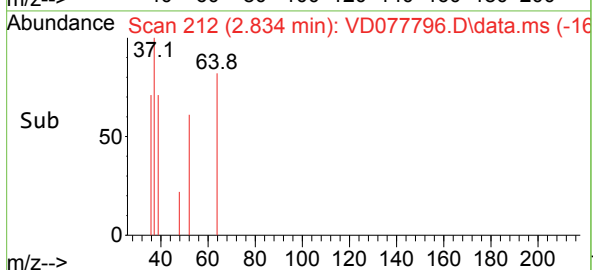
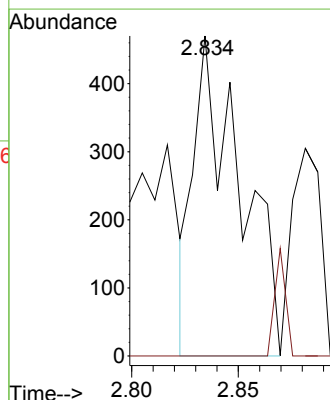
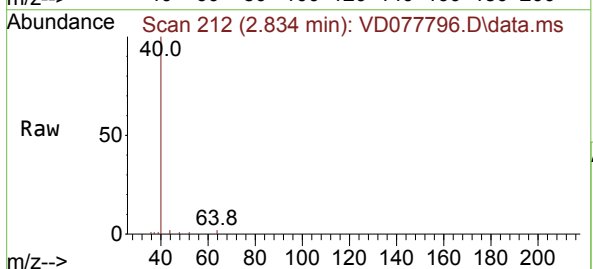
Instrument :
 MSVOA_D
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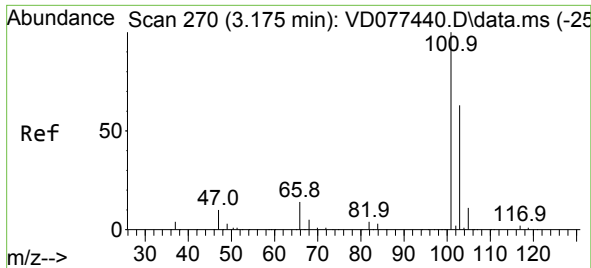
Tgt Ion: 62 Resp: 56
 Ion Ratio Lower Upper
 62 100
 64 159.1 26.0 39.0#



#6
 Chloroethane
 Concen: 30.020 ug/l
 RT: 2.834 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

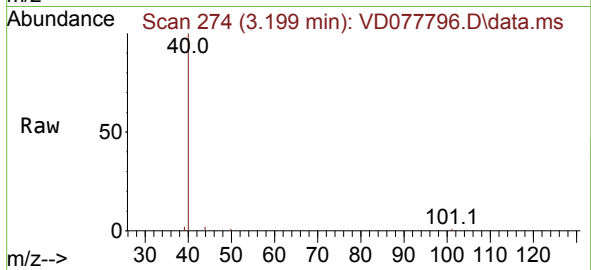
Tgt Ion: 64 Resp: 712
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.5 38.3#



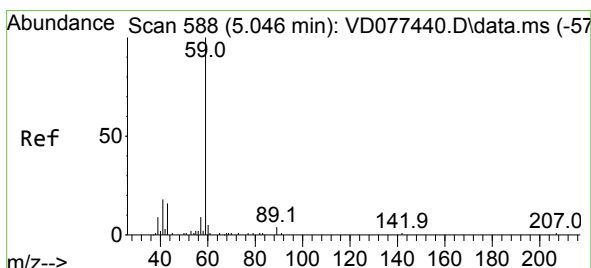
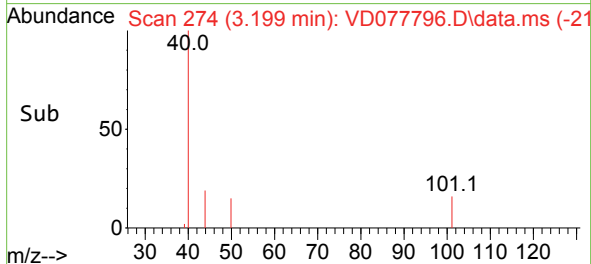
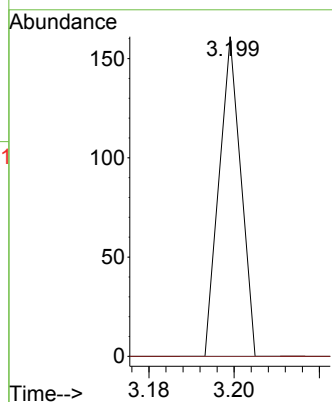


#7
 Trichlorofluoromethane
 Concen: 1.779 ug/l
 RT: 3.199 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

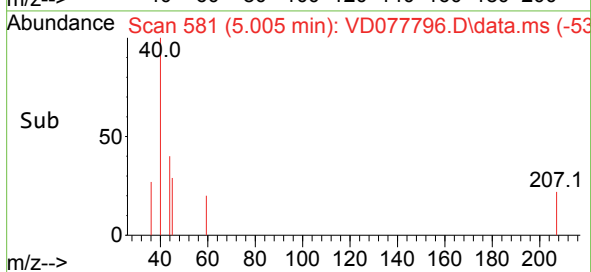
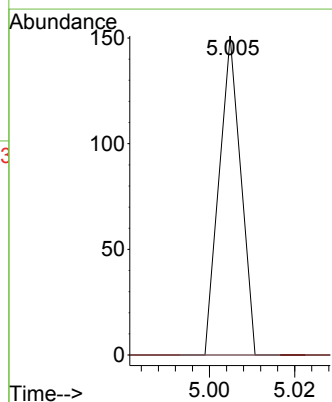
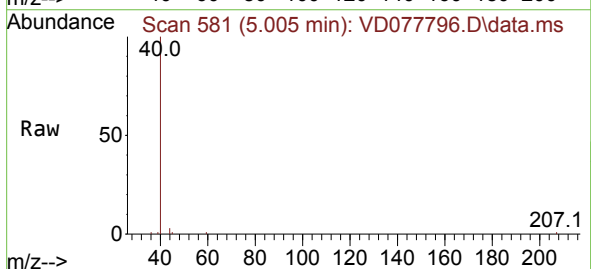


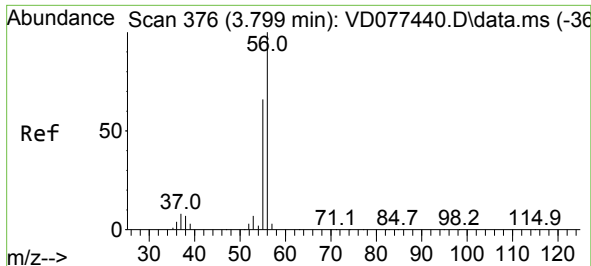
Tgt Ion:101 Resp: 57
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.3 78.5#



#11
 Tert butyl alcohol
 Concen: 53.186 ug/l
 RT: 5.005 min Scan# 581
 Delta R.T. -0.041 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

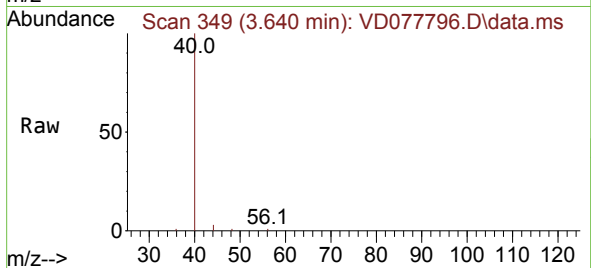
Tgt Ion: 59 Resp: 53
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#



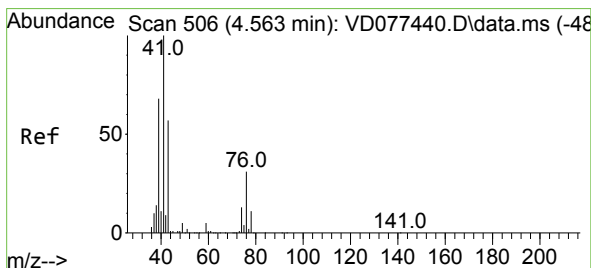
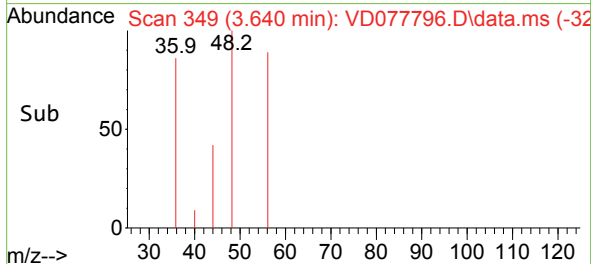
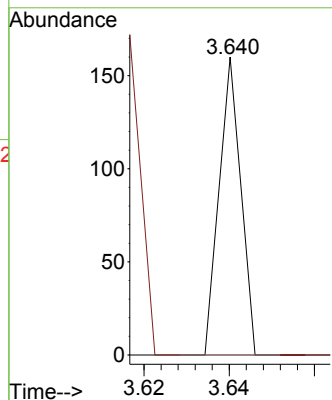


#13
Acrolein
Concen: 29.851 ug/l
RT: 3.640 min Scan# 34
Delta R.T. -0.159 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

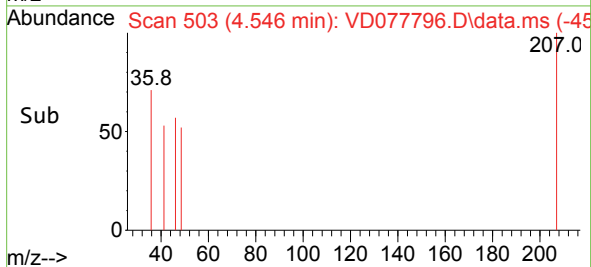
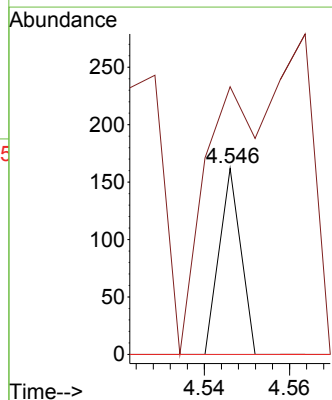
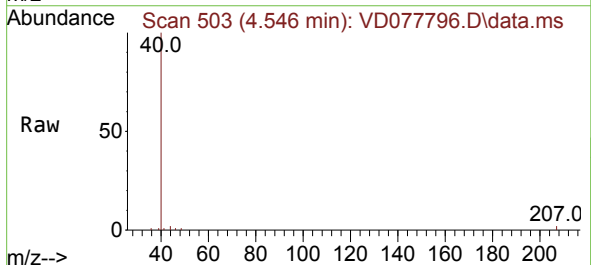


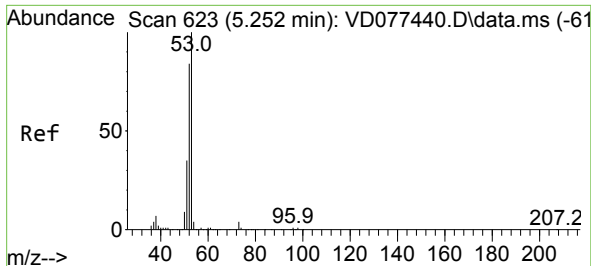
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#14
Allyl chloride
Concen: 2.291 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.017 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

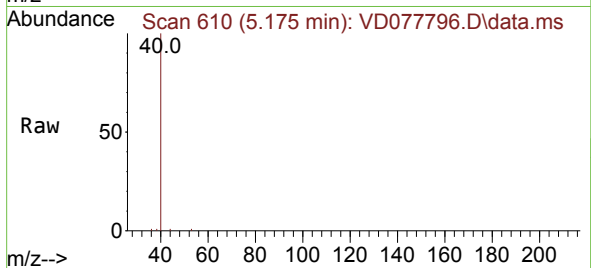
Tgt Ion: 41 Resp: 57
Ion Ratio Lower Upper
41 100
39 687.7 53.8 80.6#
76 0.0 45.8 68.8#



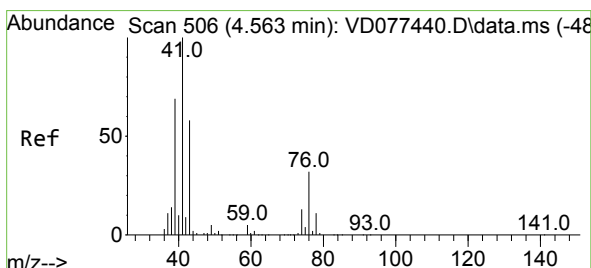
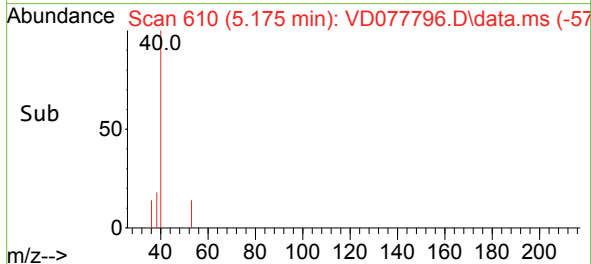
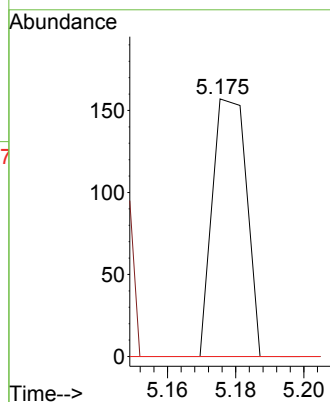


#15
Acrylonitrile
Concen: 28.297 ug/l
RT: 5.175 min Scan# 61
Delta R.T. -0.077 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
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ClientSampleId :

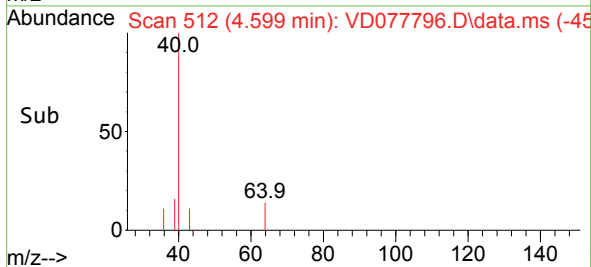
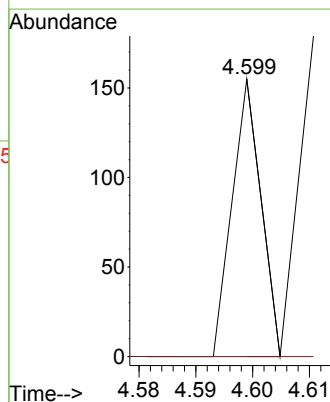
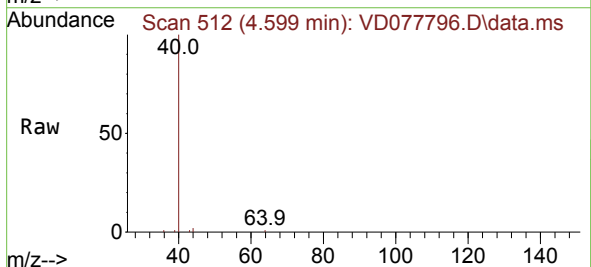


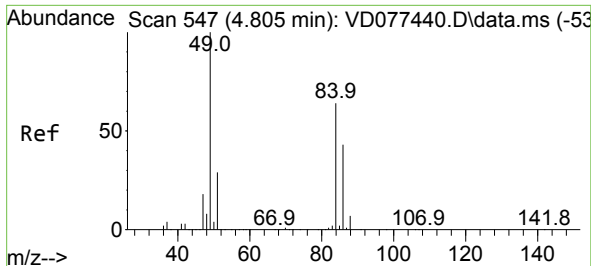
Tgt Ion: 53 Resp: 109
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 0.0 28.3 42.5#



#18
Methyl Acetate
Concen: 3.938 ug/l
RT: 4.599 min Scan# 512
Delta R.T. 0.036 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

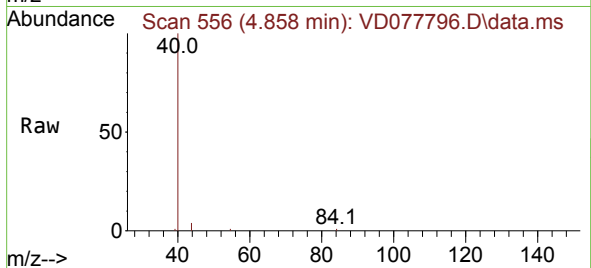
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



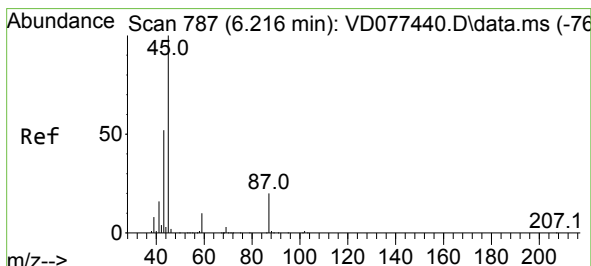
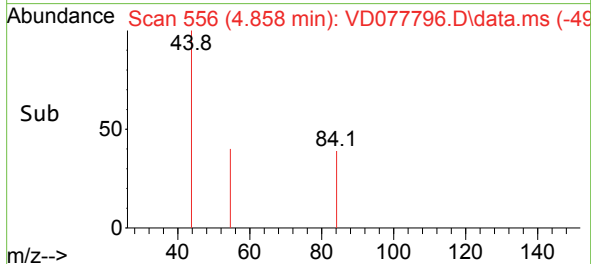
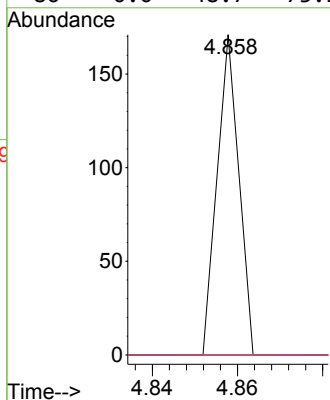


#20
Methylene Chloride
Concen: Below Cal
RT: 4.858 min Scan# 51
Delta R.T. 0.053 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
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ClientSampleId :

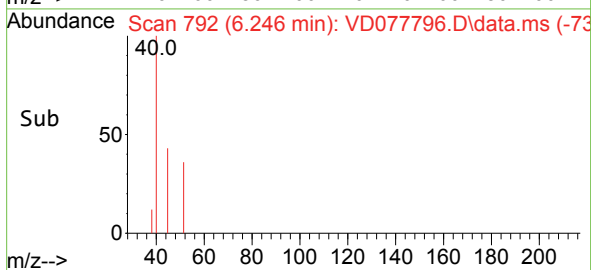
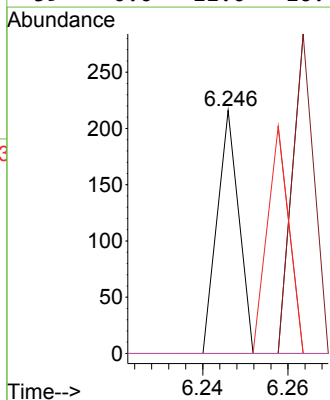
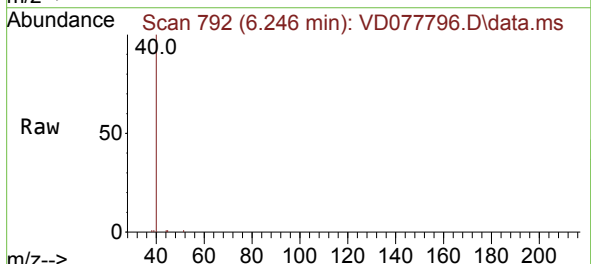


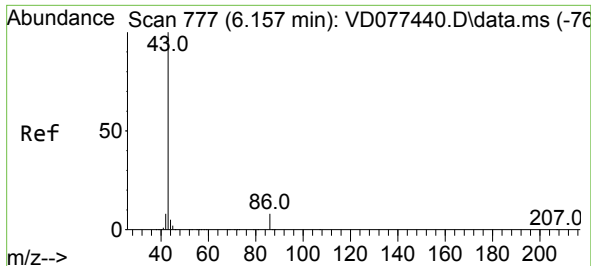
Tgt Ion:	84	Resp:	60
Ion	Ratio	Lower	Upper
84	100		
49	0.0	71.4	107.2#
51	0.0	24.5	36.7#
86	0.0	48.7	73.1#



#22
Diisopropyl ether
Concen: 1.462 ug/l
RT: 6.246 min Scan# 792
Delta R.T. 0.030 min
Lab File: VD077796.D
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Tgt Ion:	45	Resp:	76
Ion	Ratio	Lower	Upper
45	100		
43	0.0	40.0	60.0#
87	0.0	28.2	42.4#
59	0.0	11.0	16.4#

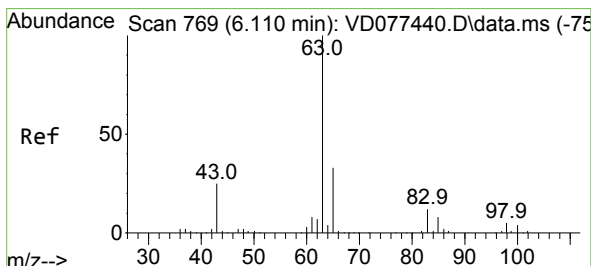
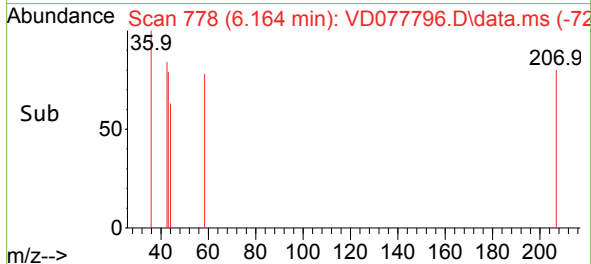
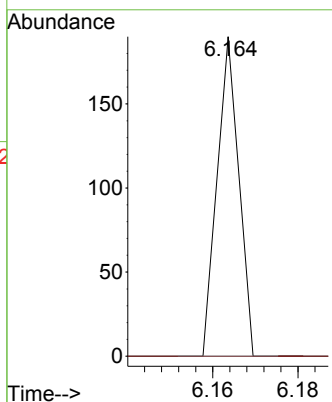
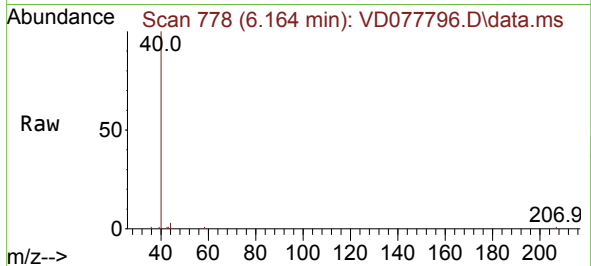




#23
 Vinyl Acetate
 Concen: 2.639 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

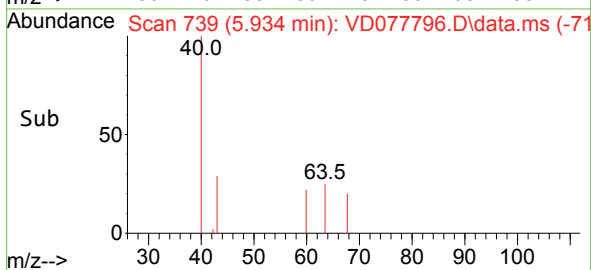
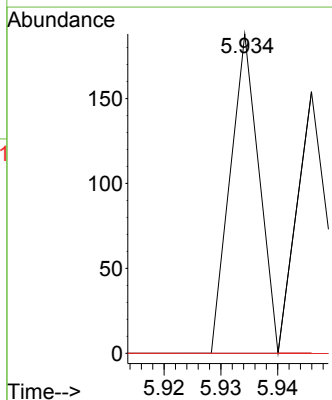
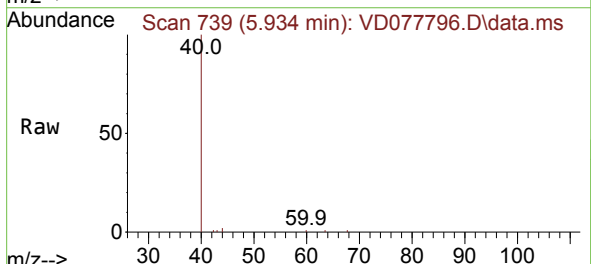
Instrument :
 MSVOA_D
 ClientSampleId :

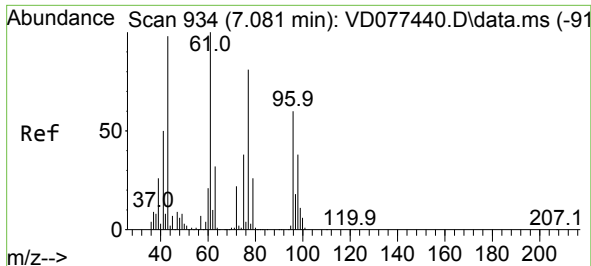
Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 1.874 ug/l
 RT: 5.934 min Scan# 739
 Delta R.T. -0.176 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

Tgt Ion: 63 Resp: 66
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.5 13.7#
 100 0.0 2.5 7.5#

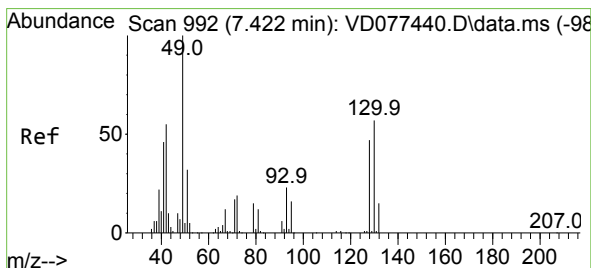
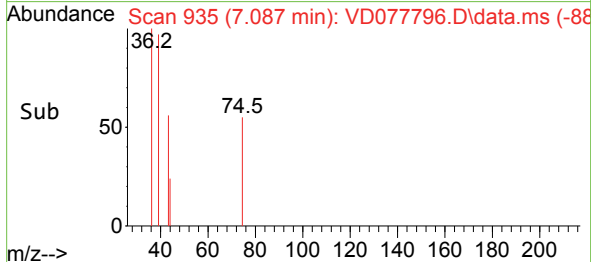
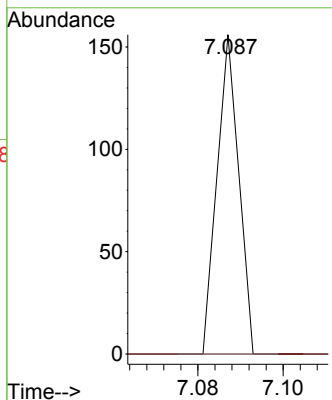
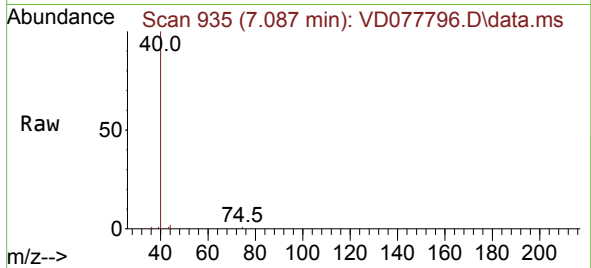




#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

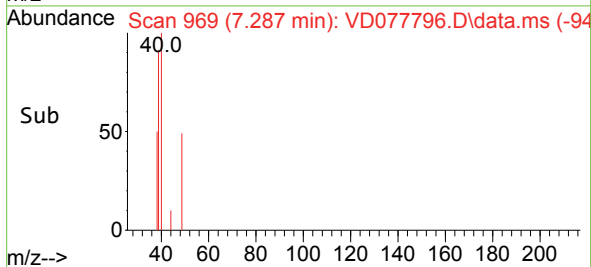
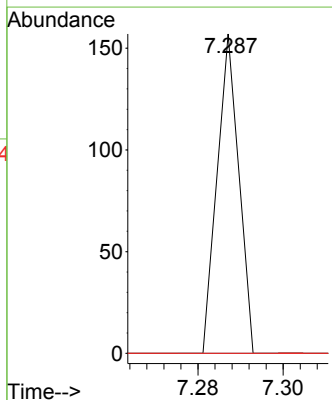
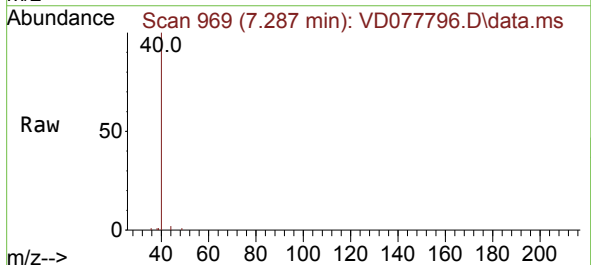
Instrument :
MSVOA_D
ClientSampleId :

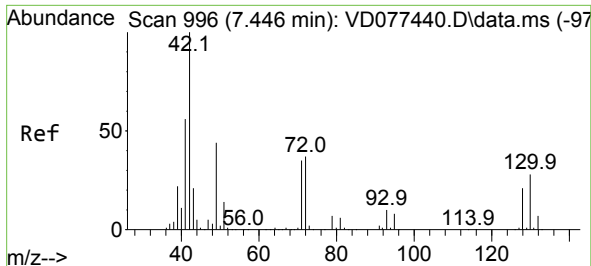
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#28
Bromochloromethane
Concen: 3.866 ug/l
RT: 7.287 min Scan# 969
Delta R.T. -0.135 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 19.830 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

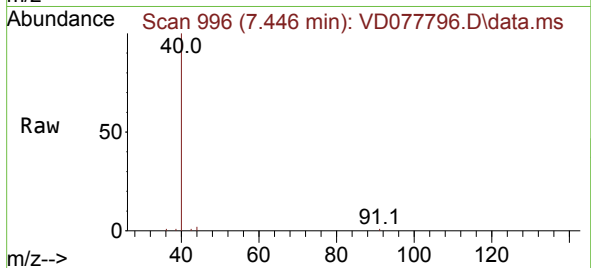
Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

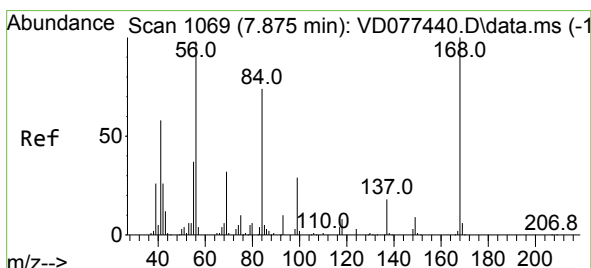
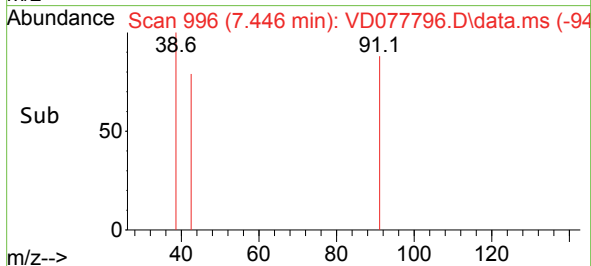
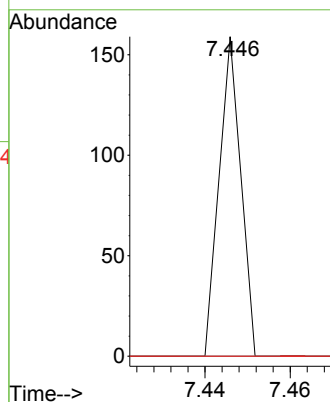
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	56
Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



#31

Cyclohexane

Concen: 3.773 ug/l

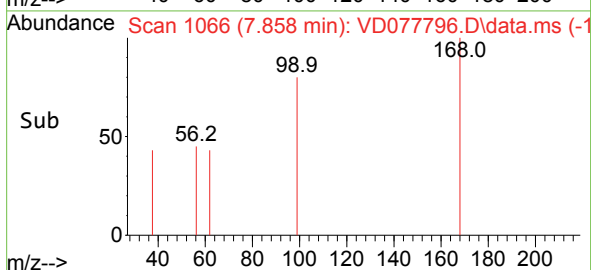
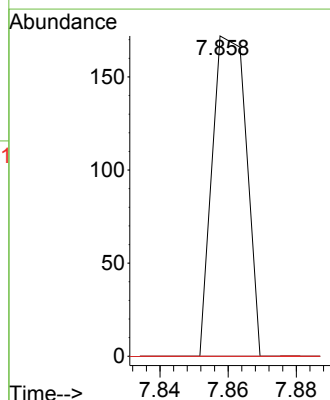
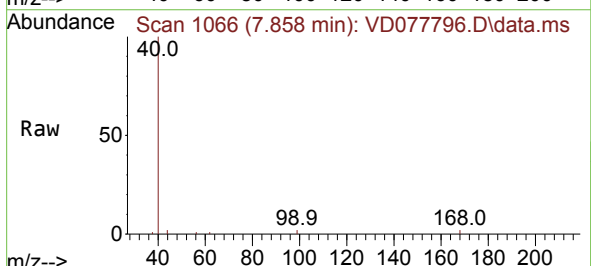
RT: 7.858 min Scan# 1066

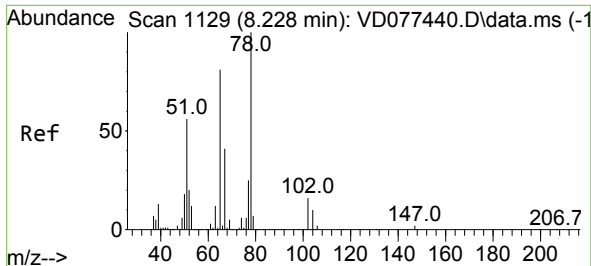
Delta R.T. -0.017 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Tgt Ion:	56	Resp:	119
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.6	43.0#
84	0.0	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 69.414 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

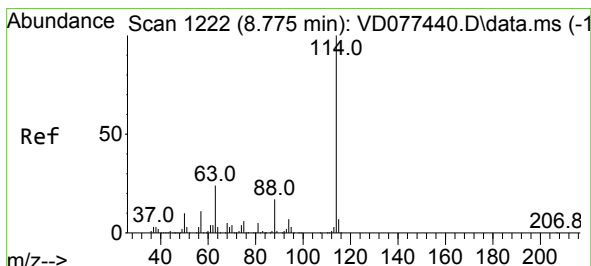
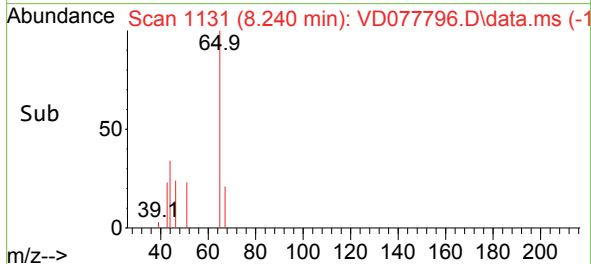
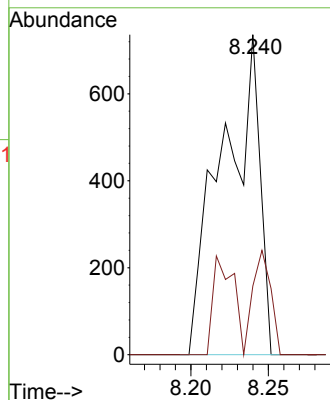
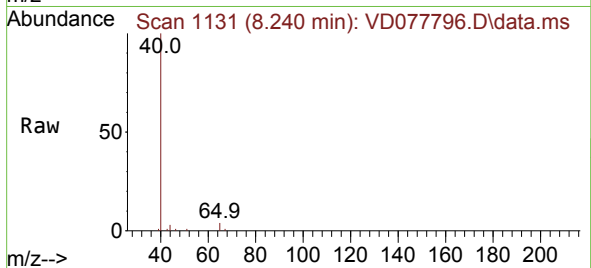
ClientSampleId :

Tgt Ion: 65 Resp: 1231

Ion Ratio Lower Upper

65 100

67 15.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

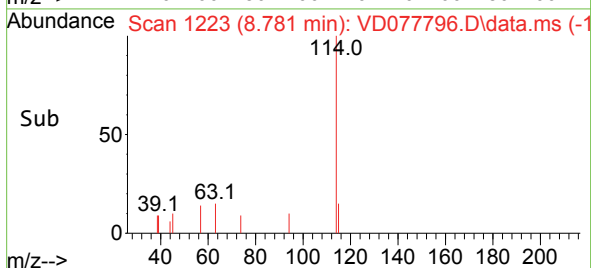
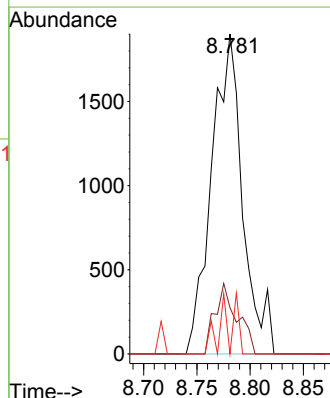
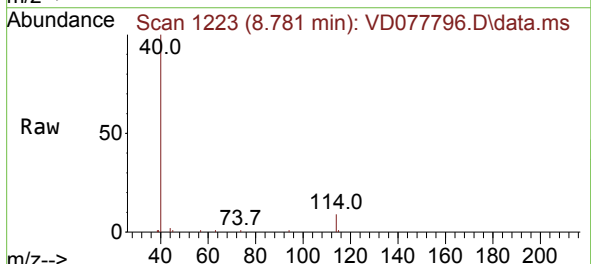
Tgt Ion: 114 Resp: 3846

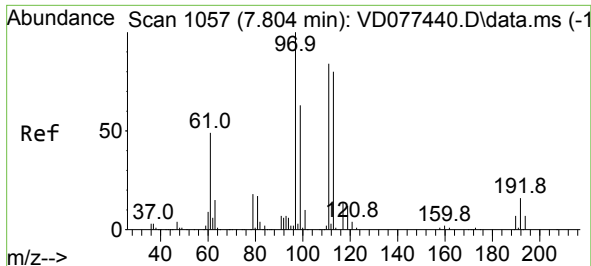
Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.4

88 0.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.699 ug/l

RT: 7.805 min Scan# 1067

Delta R.T. 0.001 min

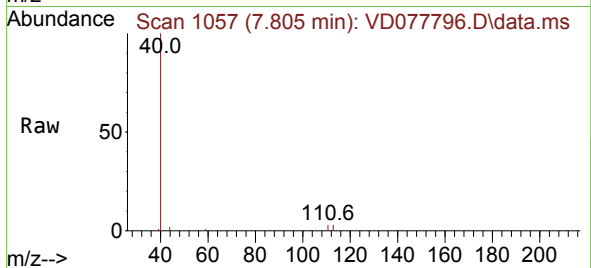
Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

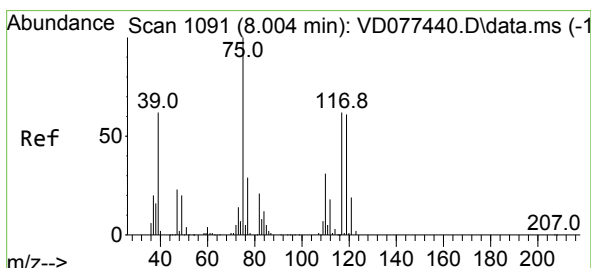
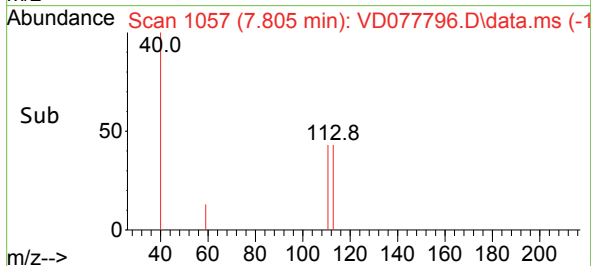
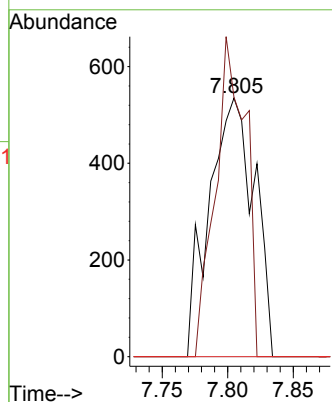
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	1285
Ion	Ratio	Lower	Upper
113	100		
111	83.0	84.7	127.1#
192	0.0	16.8	25.2#



#36

1,1-Dichloropropene

Concen: 1.276 ug/l

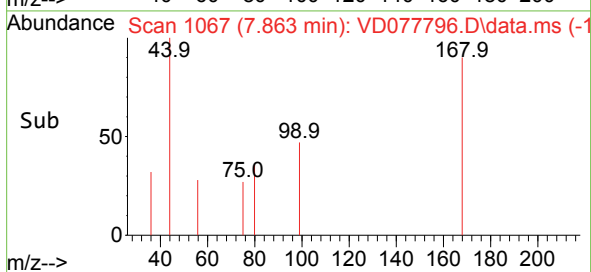
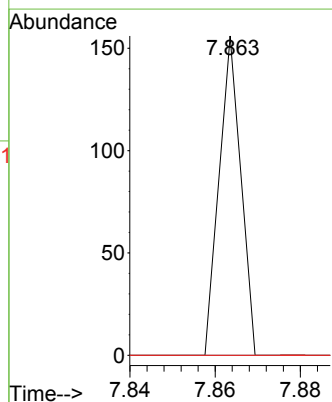
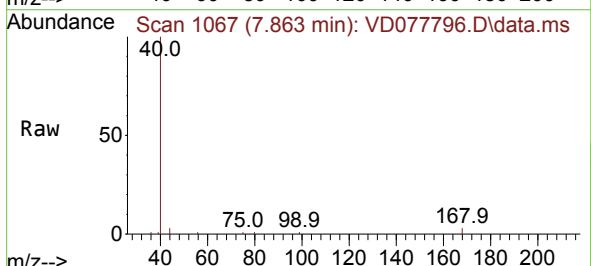
RT: 7.863 min Scan# 1067

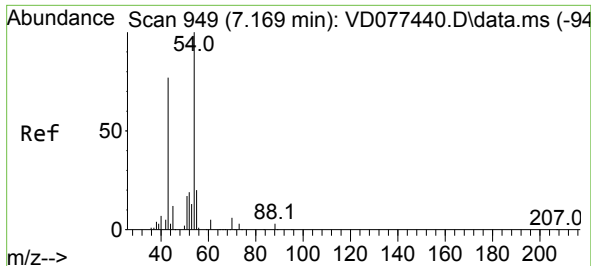
Delta R.T. -0.141 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

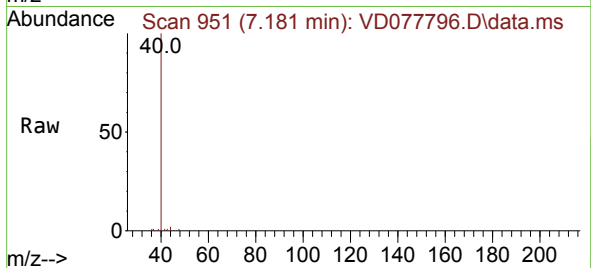
Tgt Ion:	75	Resp:	55
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#



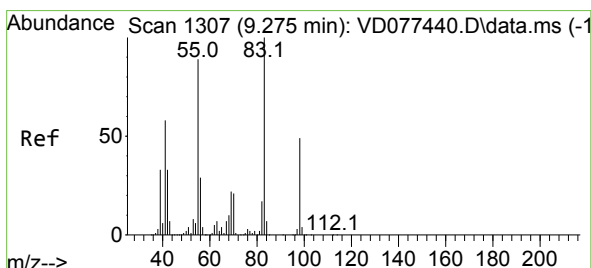
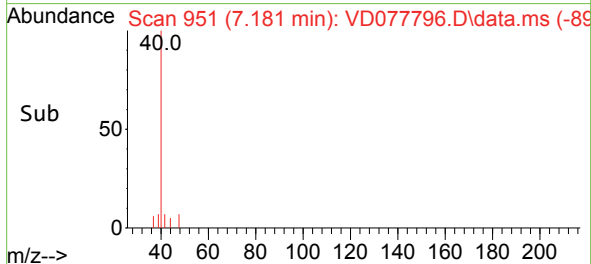
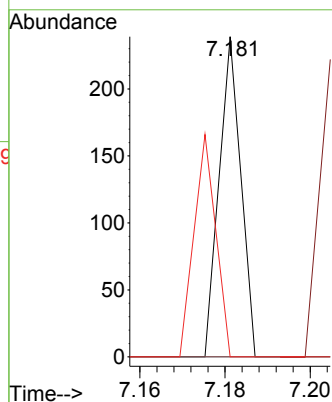


#37
Ethyl Acetate
Concen: 4.999 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

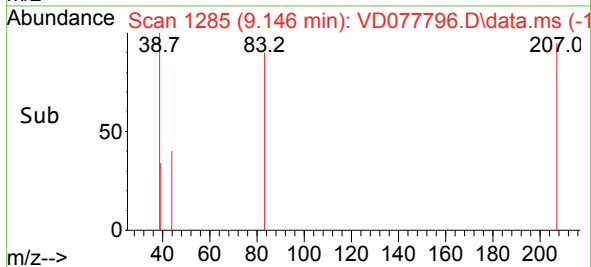
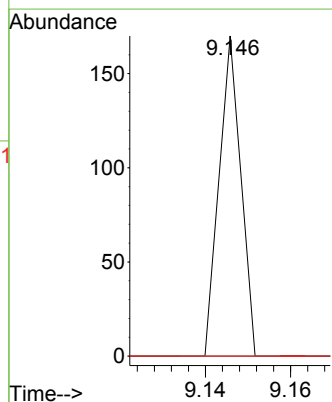
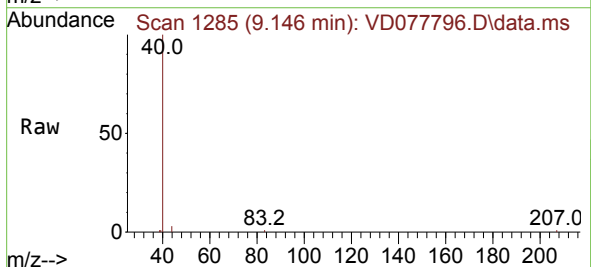


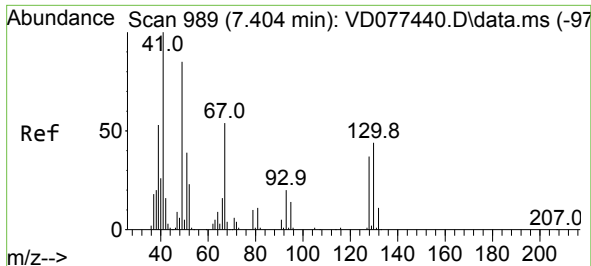
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 70.2 10.0 15.0#



#39
Methylcyclohexane
Concen: 1.175 ug/l
RT: 9.146 min Scan# 1285
Delta R.T. -0.129 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

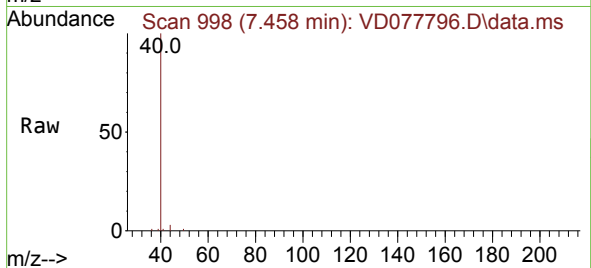
Tgt Ion: 83 Resp: 60
Ion Ratio Lower Upper
83 100
55 0.0 49.4 74.0#
98 0.0 38.4 57.6#



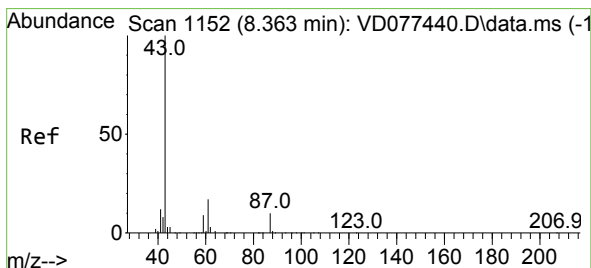
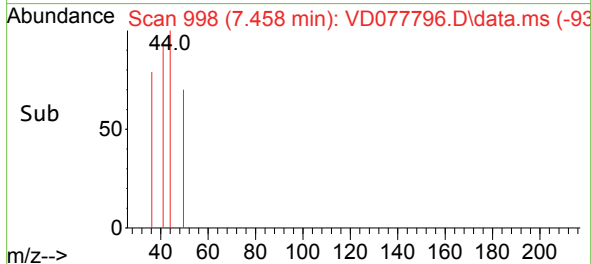
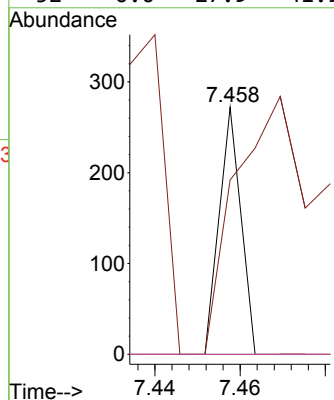


#41
Methacrylonitrile
Concen: 11.241 ug/l
RT: 7.458 min Scan# 91
Delta R.T. 0.054 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

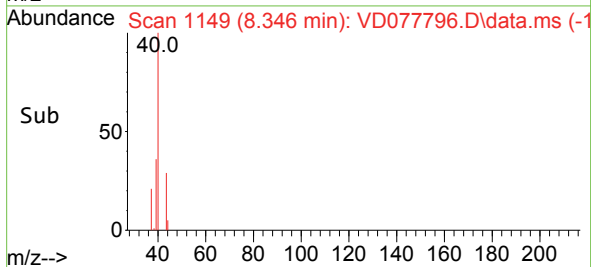
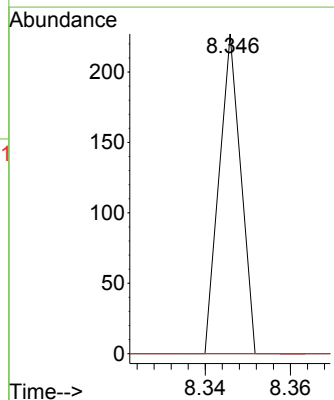
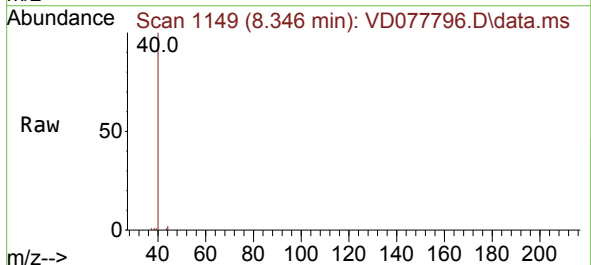


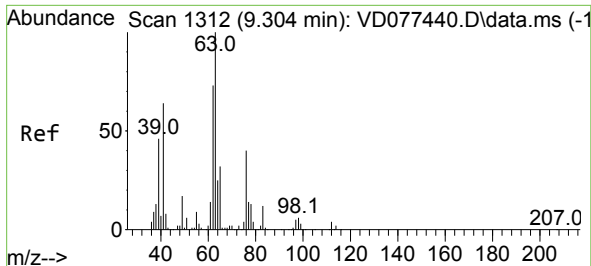
Tgt Ion: 41	Resp: 96
Ion Ratio	Lower Upper
41 100	
39 386.5	34.0 51.0#
67 0.0	77.0 115.4#
52 0.0	27.9 41.9#



#43
Isopropyl Acetate
Concen: 2.678 ug/l
RT: 8.346 min Scan# 1149
Delta R.T. -0.017 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 43	Resp: 80
Ion Ratio	Lower Upper
43 100	
61 0.0	31.4 47.0#
87 0.0	14.9 22.3#





#45

1,2-Dichloropropane

Concen: 2.354 ug/l

RT: 9.375 min Scan# 11

Delta R.T. 0.071 min

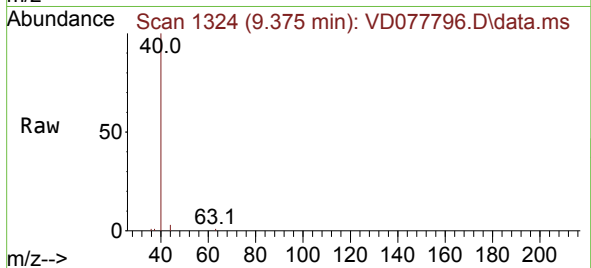
Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

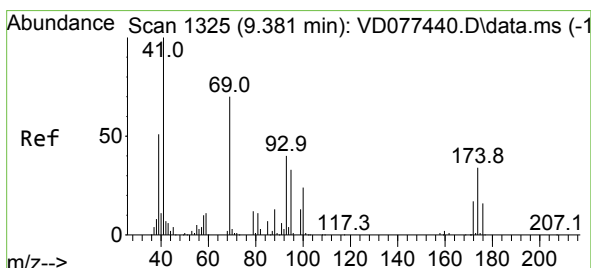
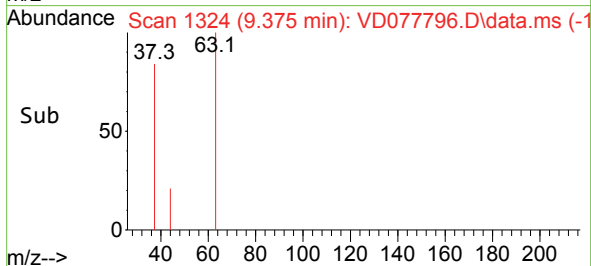
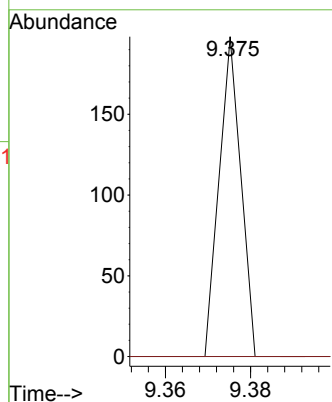


Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#48

Methyl methacrylate

Concen: 4.123 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

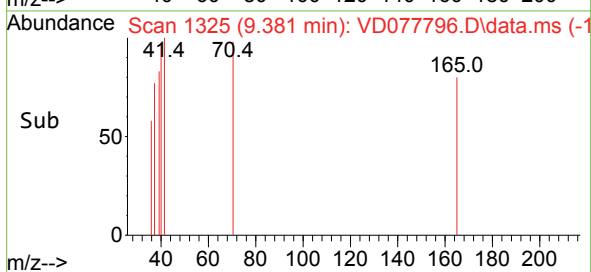
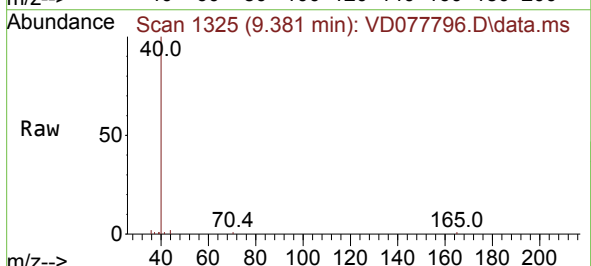
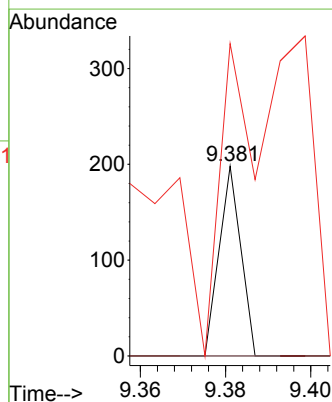
Tgt Ion: 41 Resp: 70

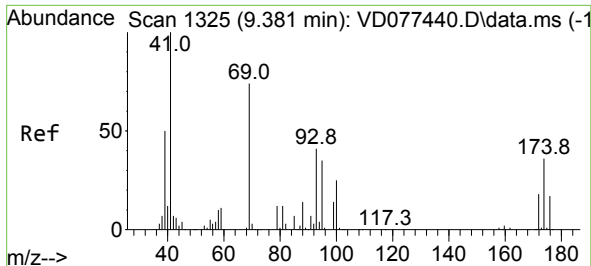
Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 581.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 396.906 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

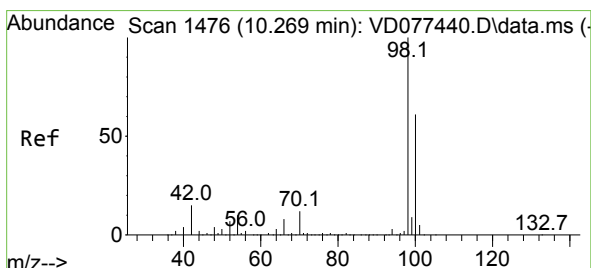
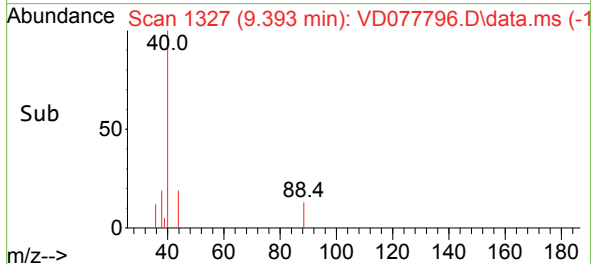
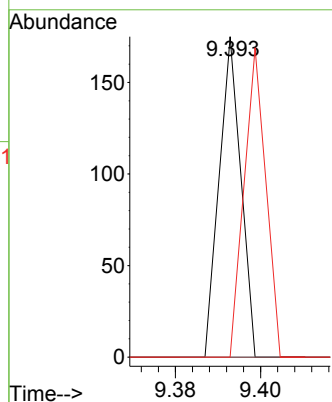
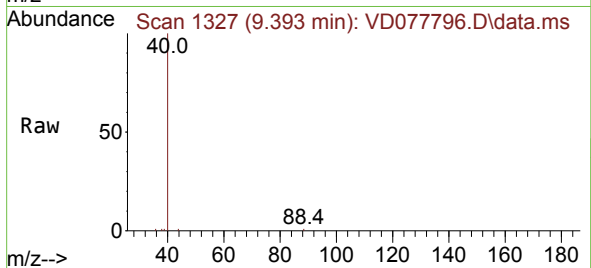
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 96.8 43.5 65.3#



#50

Toluene-d8

Concen: 31.595 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077796.D

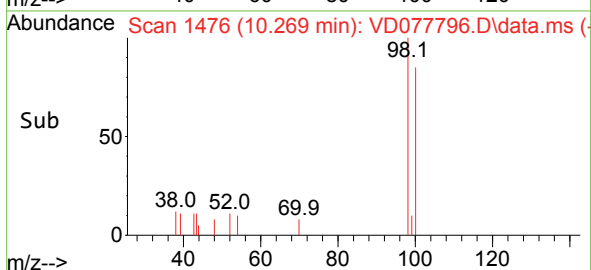
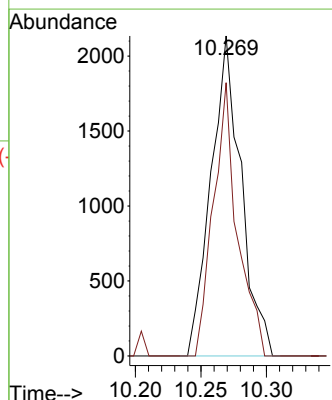
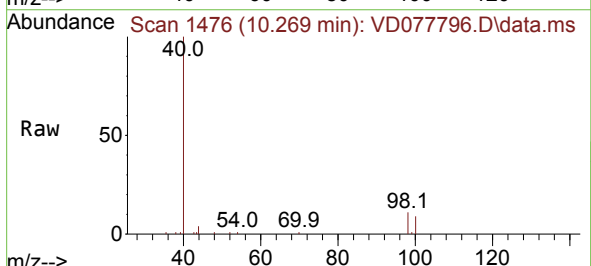
Acq: 08 Dec 2023 17:37

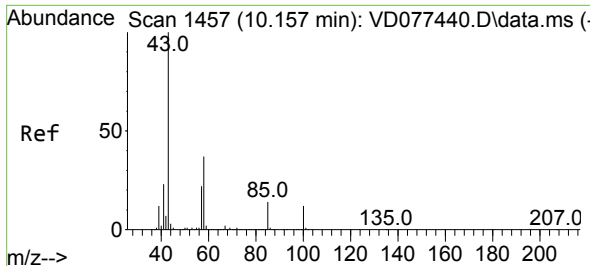
Tgt Ion: 98 Resp: 3409

Ion Ratio Lower Upper

98 100

100 68.3 50.3 75.5

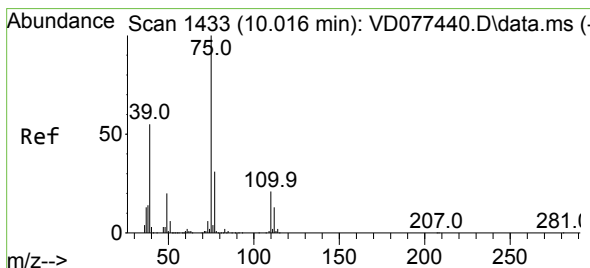
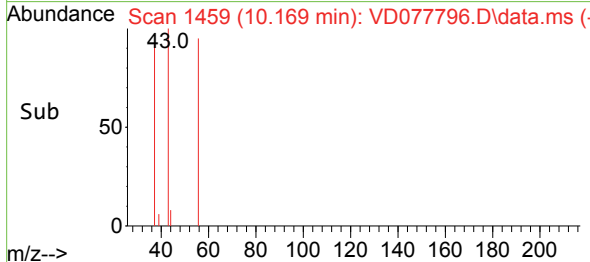
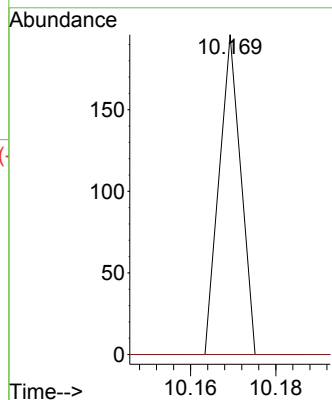
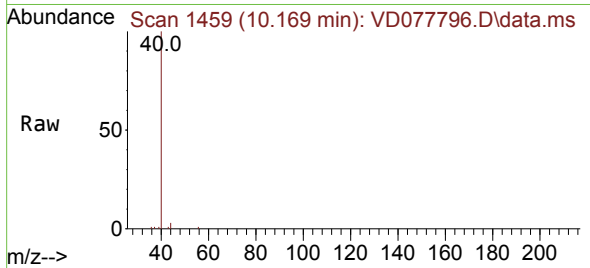




#51
4-Methyl-2-Pentanone
Concen: 4.526 ug/l
RT: 10.169 min Scan# 1457
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

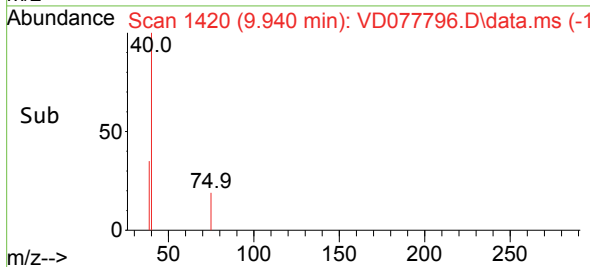
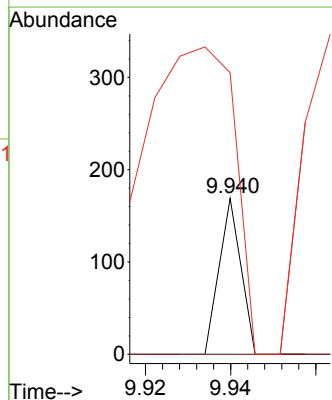
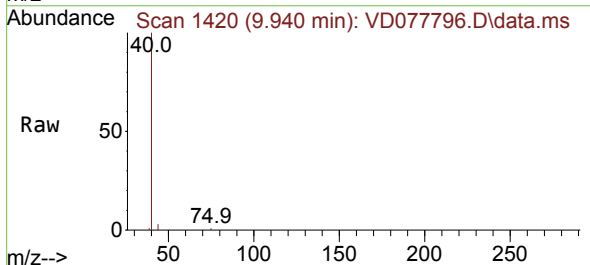
Instrument :
MSVOA_D
ClientSampleId :

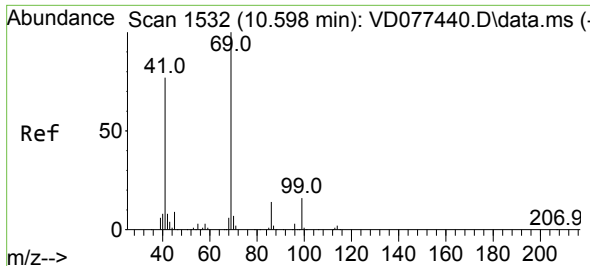
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#54
cis-1,3-Dichloropropene
Concen: 1.296 ug/l
RT: 9.940 min Scan# 1420
Delta R.T. -0.076 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

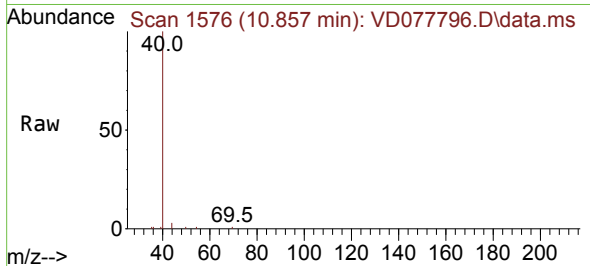
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 180.5 22.1 33.1#



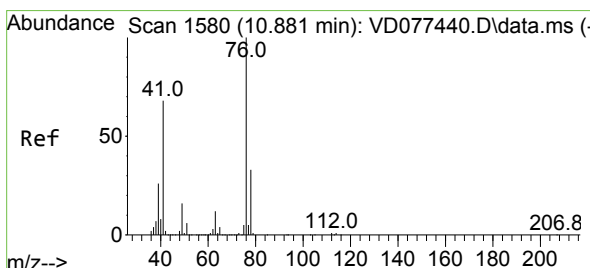
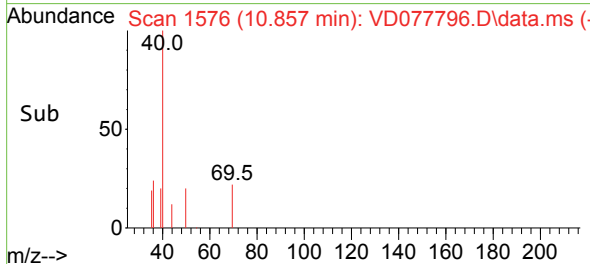
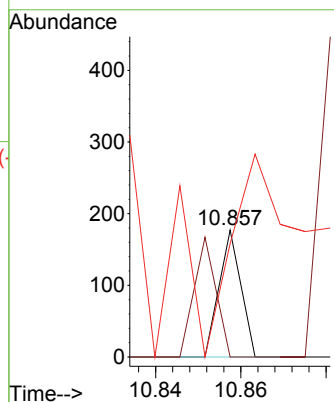


#56
Ethyl methacrylate
Concen: 3.269 ug/l
RT: 10.857 min Scan# 11
Delta R.T. 0.259 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

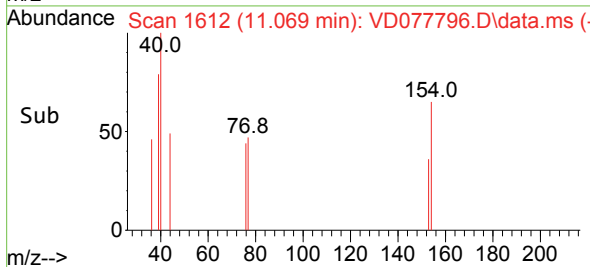
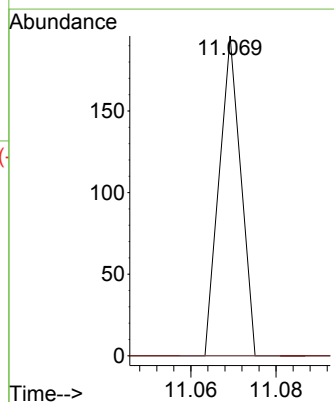
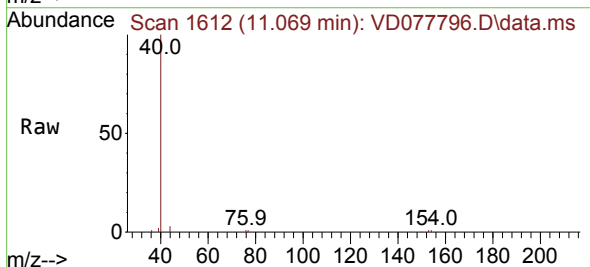


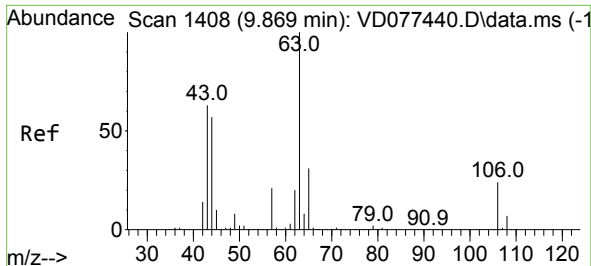
Tgt Ion: 69 Resp: 62
Ion Ratio Lower Upper
69 100
41 95.2 39.1 58.7#
39 456.5 20.0 30.0#



#57
1,3-Dichloropropane
Concen: 1.860 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.188 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 76 Resp: 69
Ion Ratio Lower Upper
76 100
78 0.0 26.4 39.6#

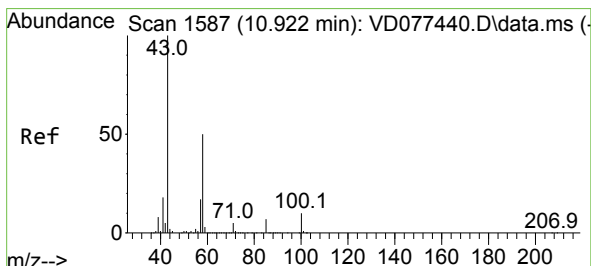
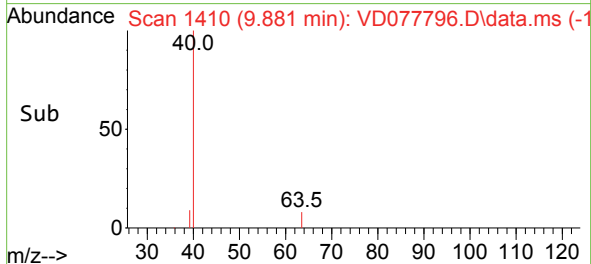
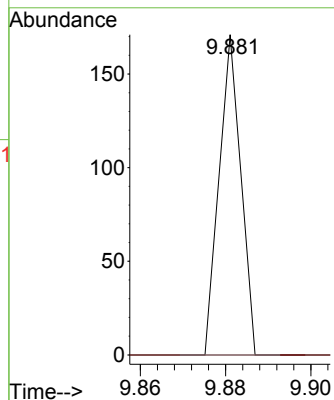
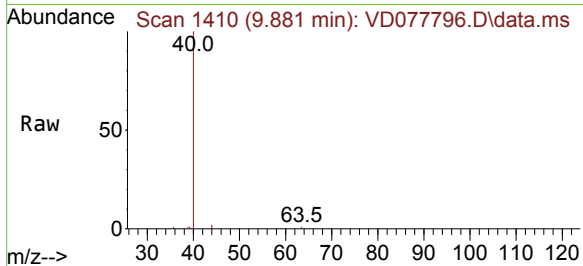




#58
2-Chloroethyl Vinyl ether
Concen: 5.547 ug/l
RT: 9.881 min Scan# 1408
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

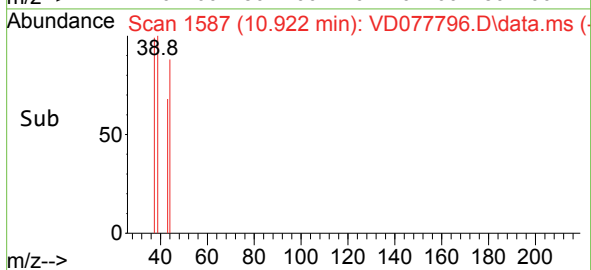
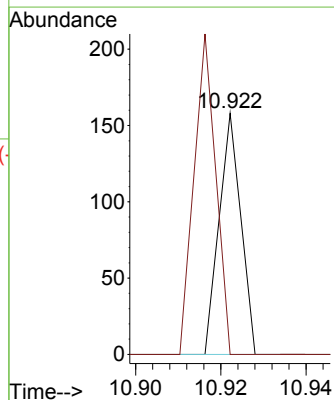
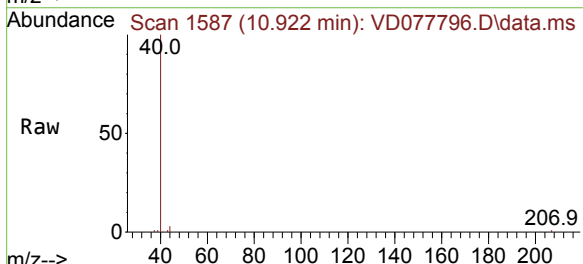
Instrument :
MSVOA_D
ClientSampleId :

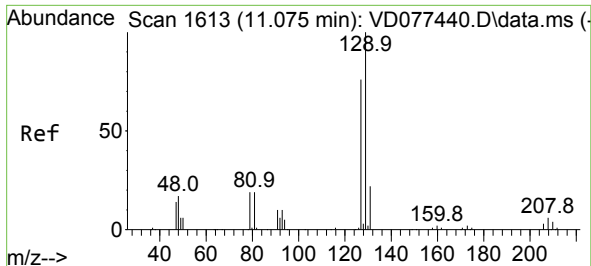
Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#59
2-Hexanone
Concen: 4.428 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 132.1 34.1 102.2#

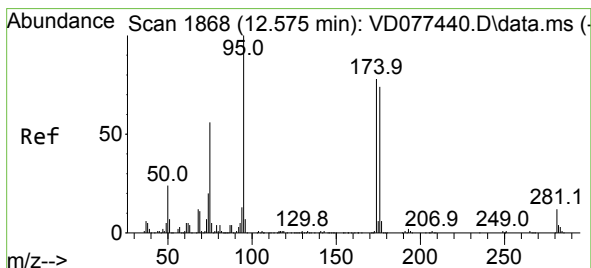
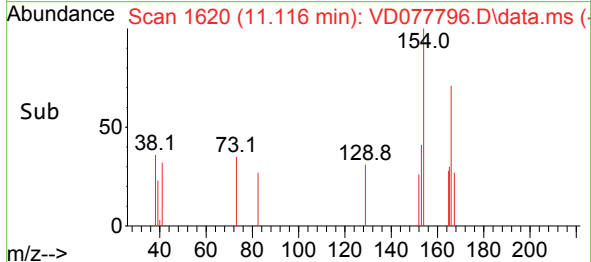
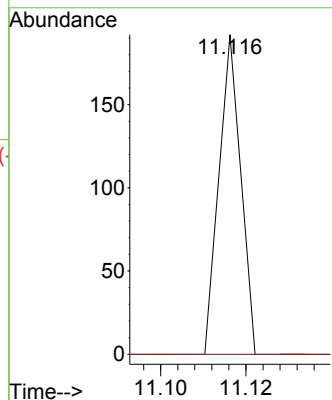
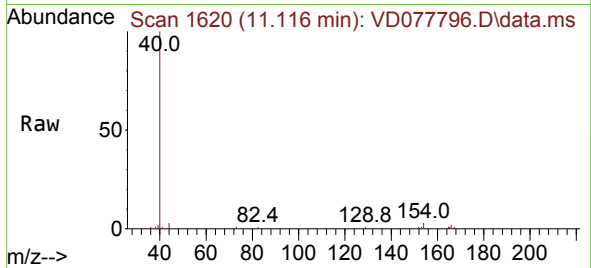




#60
Dibromochloromethane
Concen: 2.625 ug/l
RT: 11.116 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

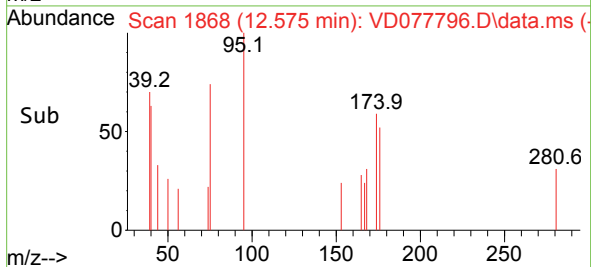
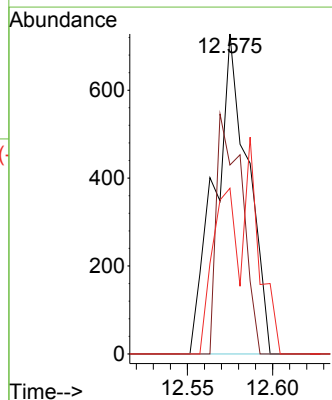
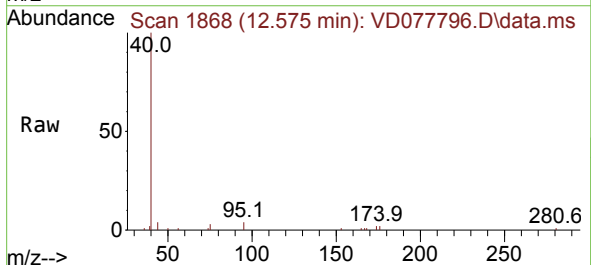
Instrument :
MSVOA_D
ClientSampleId :

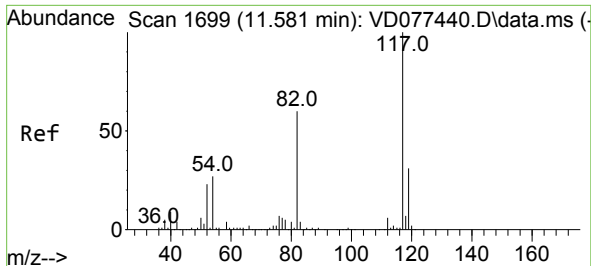
Tgt Ion:129 Resp: 68
Ion Ratio Lower Upper
129 100
127 0.0 37.1 111.5#



#62
4-Bromofluorobenzene
Concen: 30.596 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 95 Resp: 987
Ion Ratio Lower Upper
95 100
174 57.0 0.0 201.8
176 38.9 0.0 191.8

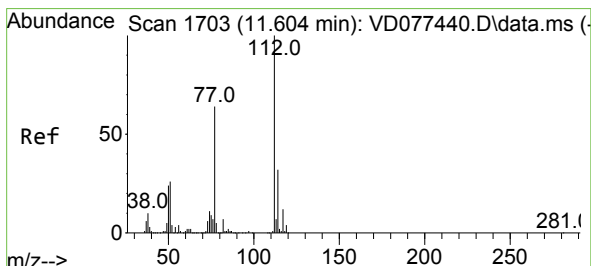
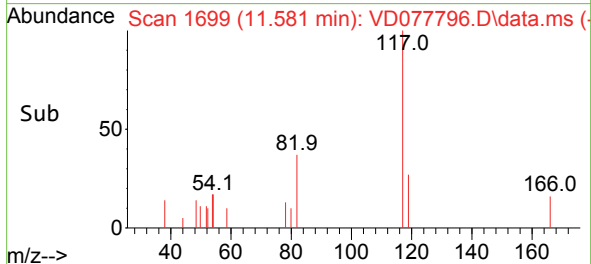
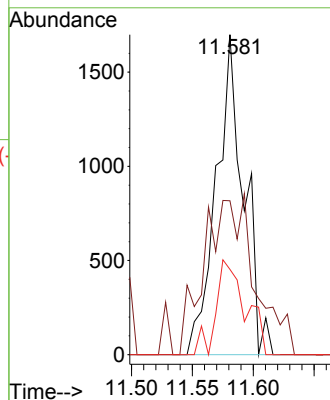
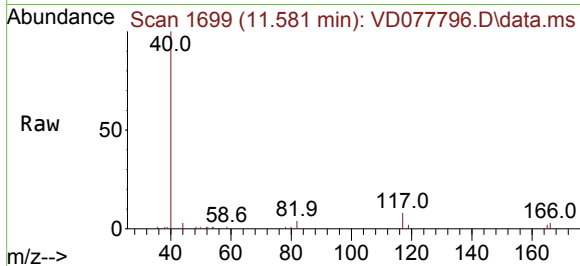




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

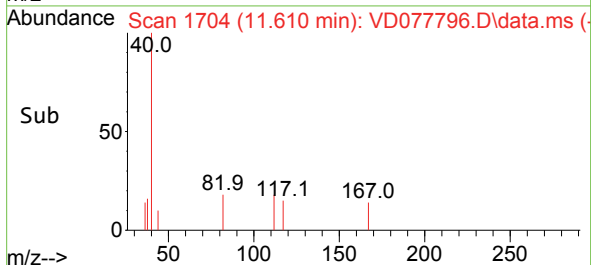
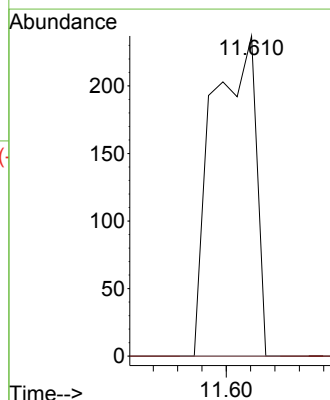
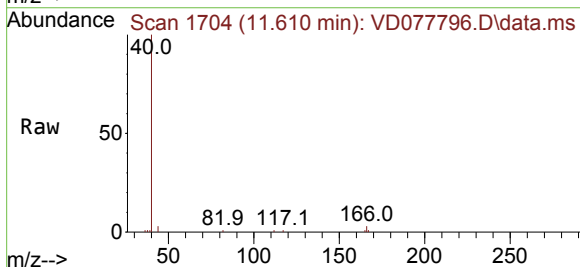
Instrument :
MSVOA_D
ClientSampleId :

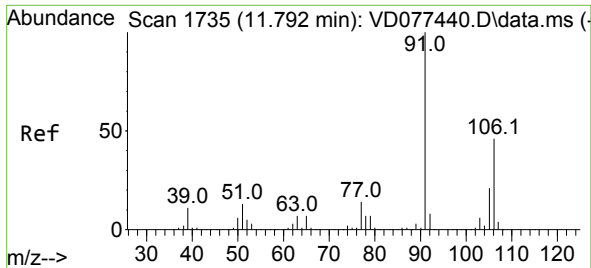
Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.3	57.5
119	26.7	25.0	37.4



#65
Chlorobenzene
Concen: 2.876 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.1	37.7#

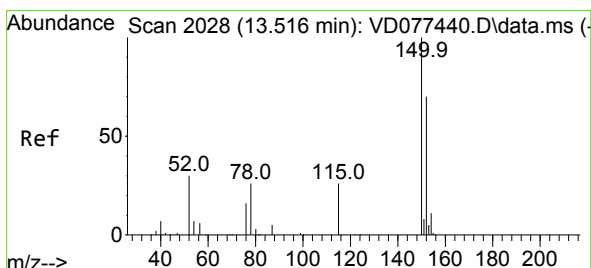
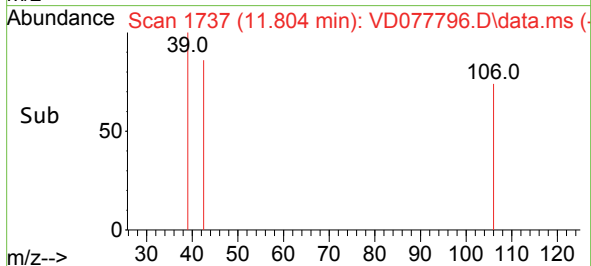
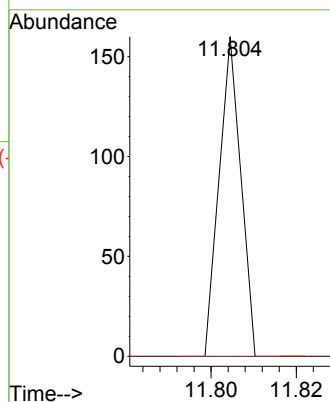
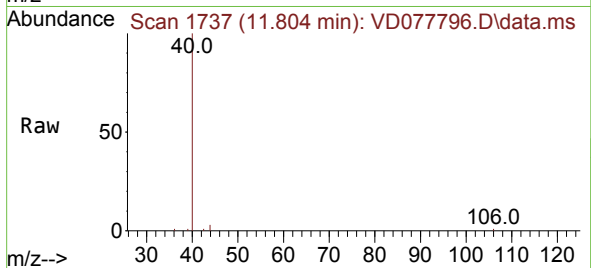




#68
m/p-Xylenes
Concen: 1.318 ug/l
RT: 11.804 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

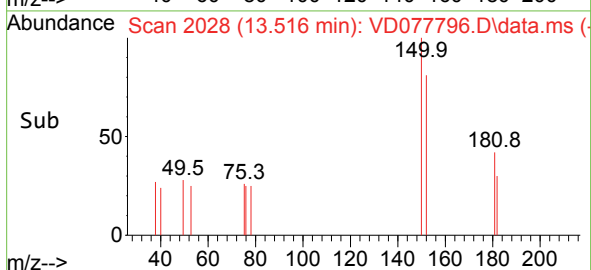
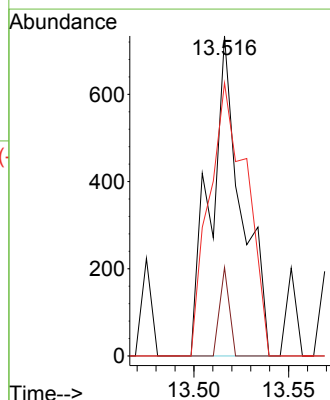
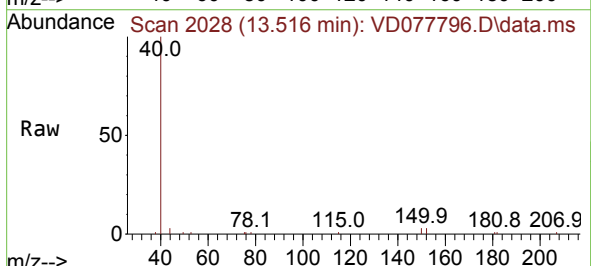
Instrument :
MSVOA_D
ClientSampleId :

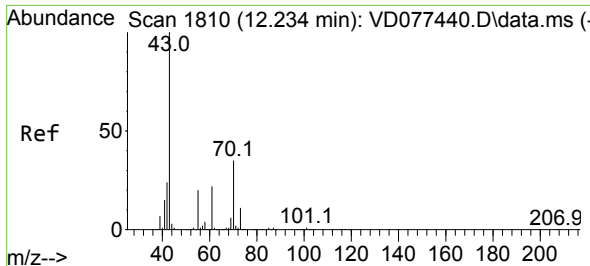
Tgt Ion:106 Resp: 56
Ion Ratio Lower Upper
106 100
91 0.0 147.0 220.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

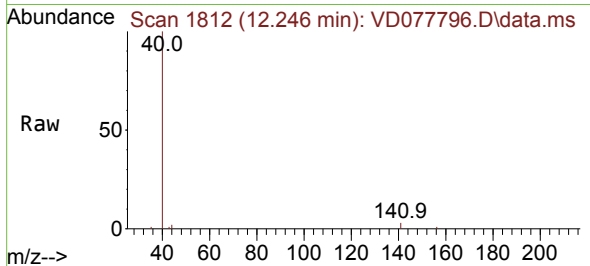
Tgt Ion:152 Resp: 835
Ion Ratio Lower Upper
152 100
115 8.6 27.1 81.3#
150 103.5 0.0 353.6



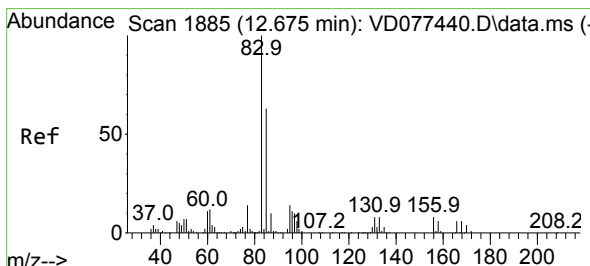
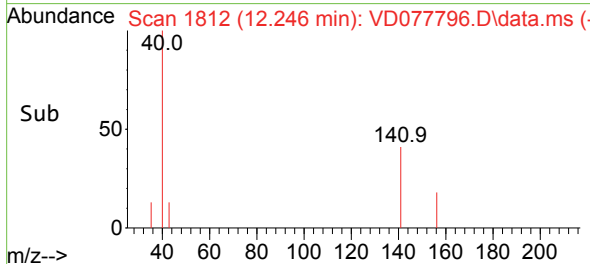
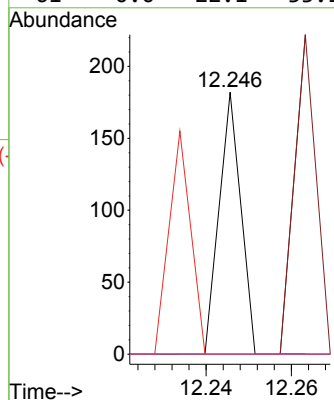


#74
N-amy1 acetate
Concen: 5.145 ug/l
RT: 12.246 min Scan# 1810
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

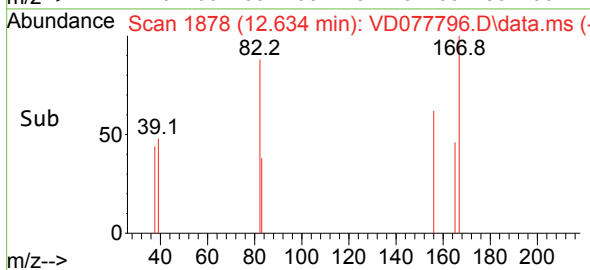
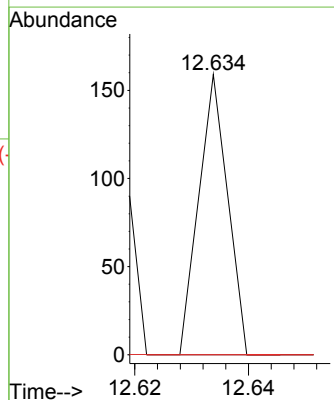
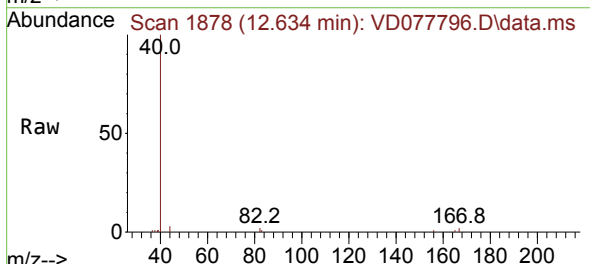


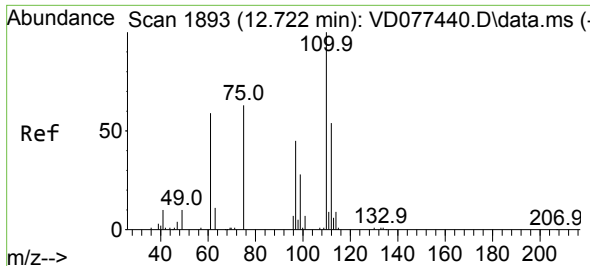
Tgt Ion: 43	Resp: 64
Ion Ratio	Lower Upper
43 100	
70 0.0	45.0 67.4#
55 85.9	23.8 35.6#
61 0.0	22.1 33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 12.634 min Scan# 1878
Delta R.T. -0.041 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 83	Resp: 56
Ion Ratio	Lower Upper
83 100	
131 0.0	5.1 15.3#
85 0.0	32.6 97.8#

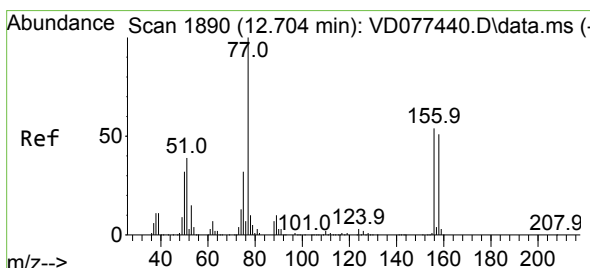
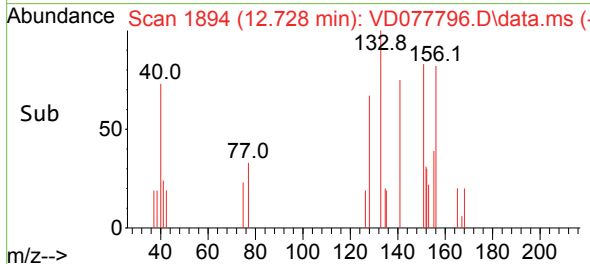
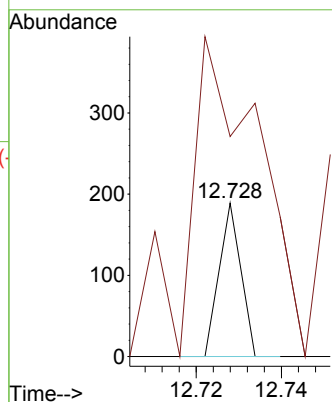
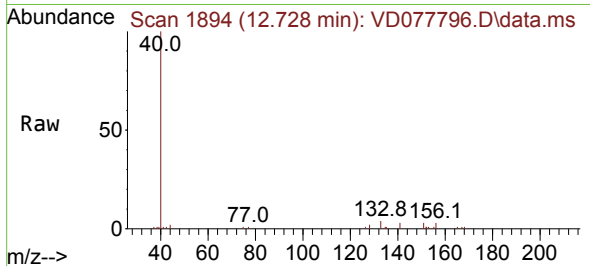




#76
1,2,3-Trichloropropane
Concen: 9.239 ug/l
RT: 12.728 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

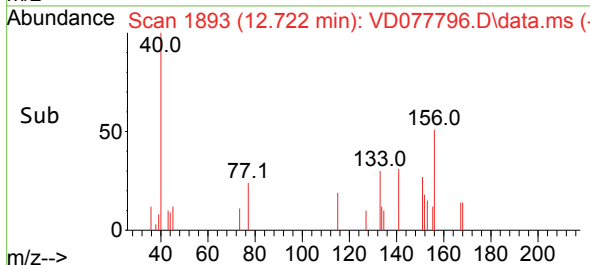
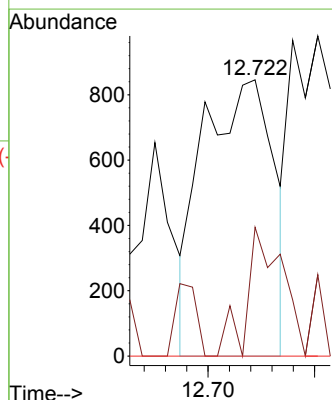
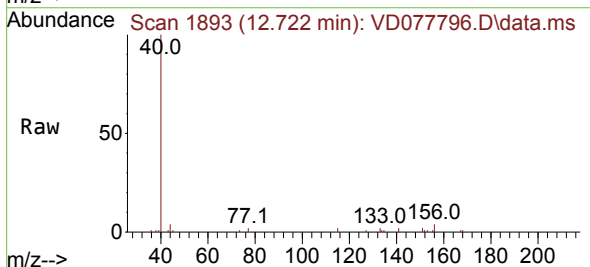
Instrument :
MSVOA_D
ClientSampleId :

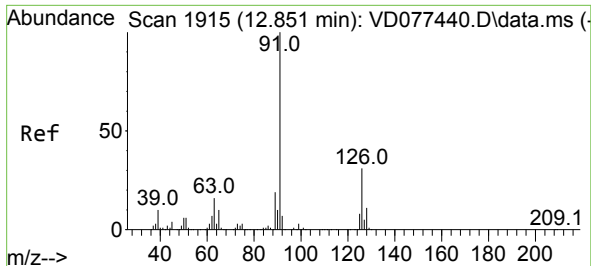
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 686.6 0.0 0.0#



#77
Bromobenzene
Concen: 131.066 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.018 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 156 Resp: 1951
Ion Ratio Lower Upper
156 100
77 23.6 76.8 230.4#
158 0.0 48.6 145.9#

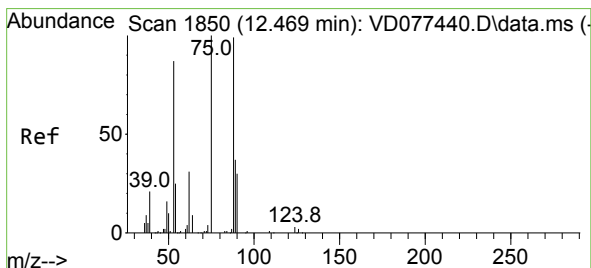
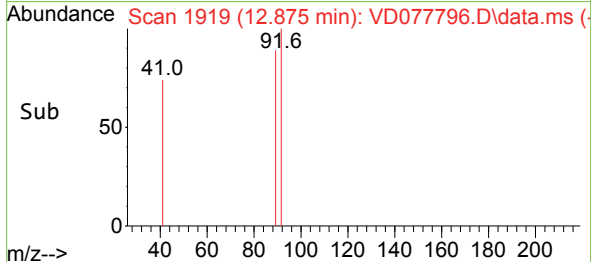
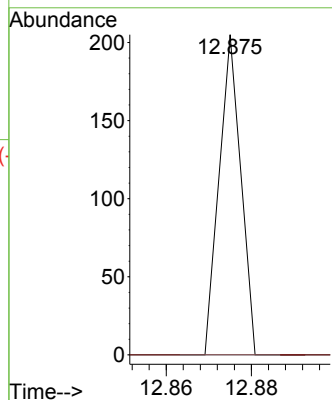
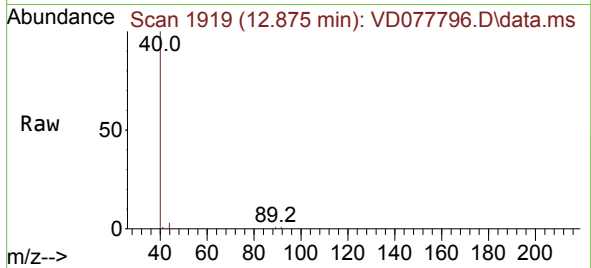




#79
2-Chlorotoluene
Concen: 1.742 ug/l
RT: 12.875 min Scan# 1915
Delta R.T. 0.024 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

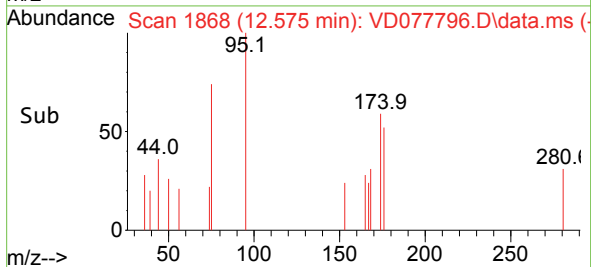
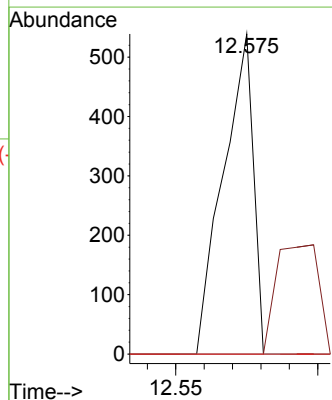
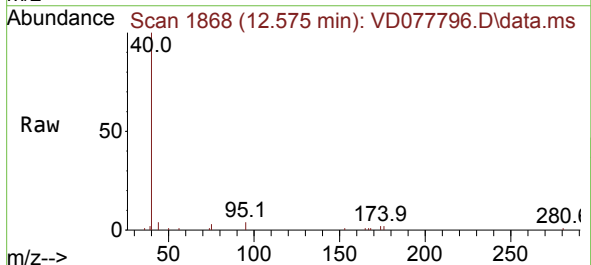
Instrument :
MSVOA_D
ClientSampleId :

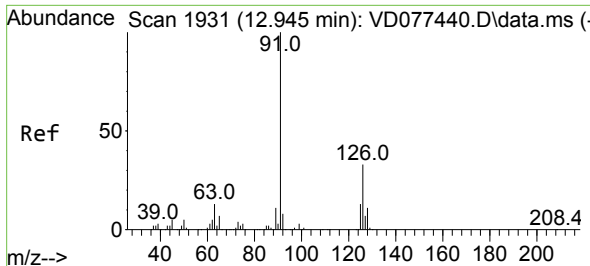
Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.914 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 75 Resp: 397
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

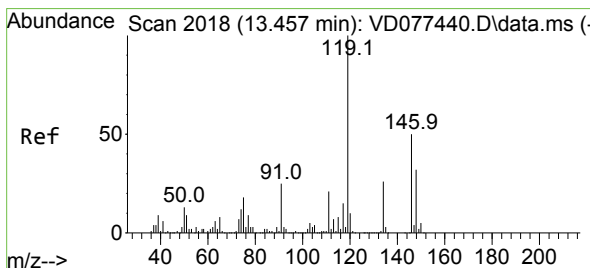
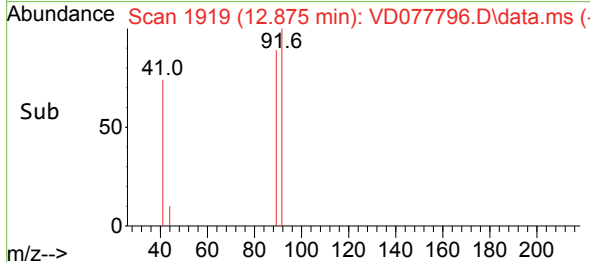
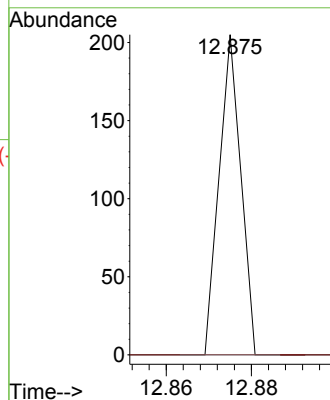
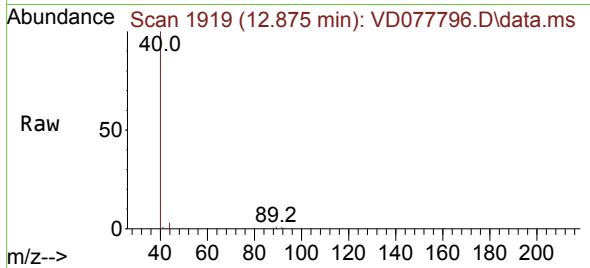




#82
4-Chlorotoluene
Concen: 1.667 ug/l
RT: 12.875 min Scan# 1931
Delta R.T. -0.070 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

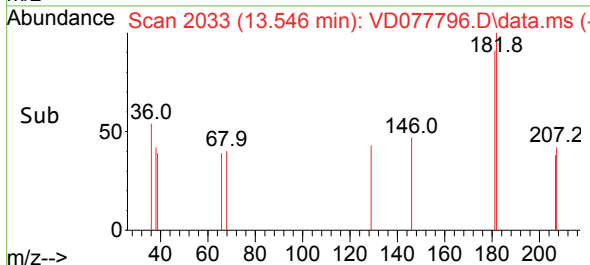
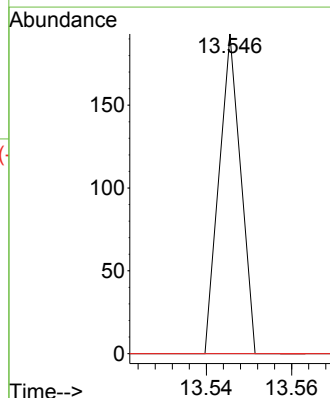
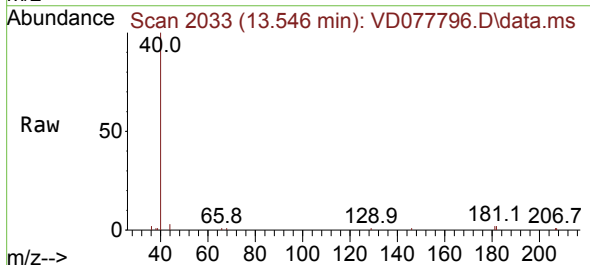
Instrument :
MSVOA_D
ClientSampleId :

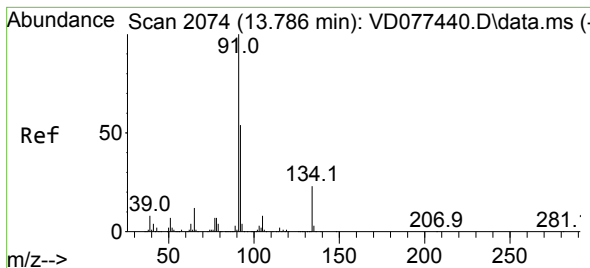
Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.4#



#87
1,3-Dichlorobenzene
Concen: 2.234 ug/l
RT: 13.546 min Scan# 2033
Delta R.T. 0.089 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion:146 Resp: 68
Ion Ratio Lower Upper
146 100
111 0.0 17.9 53.8#
148 0.0 32.3 96.8#





#89

n-Butylbenzene

Concen: 1.225 ug/l

RT: 14.022 min Scan# 2114

Delta R.T. 0.236 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

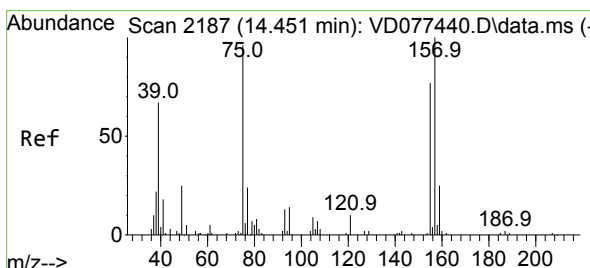
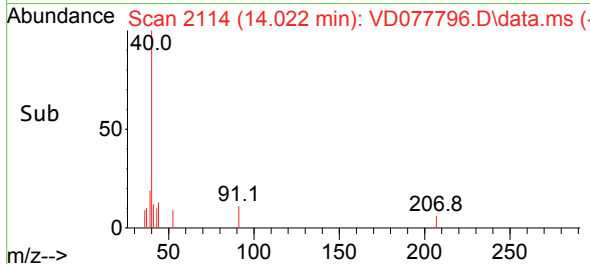
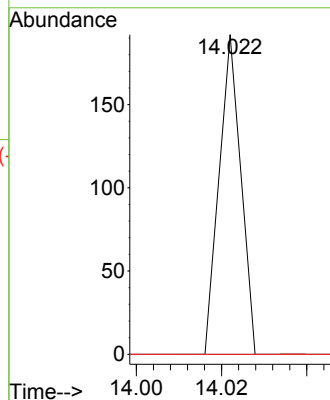
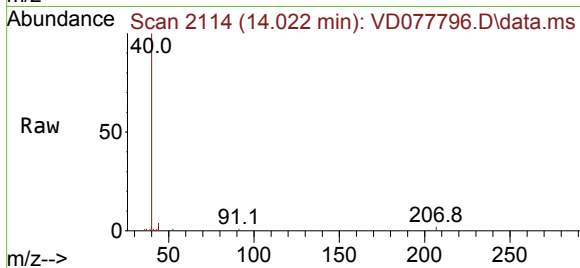
Tgt Ion: 91 Resp: 68

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.5#

134 0.0 13.8 41.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.964 ug/l

RT: 14.469 min Scan# 2190

Delta R.T. 0.018 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

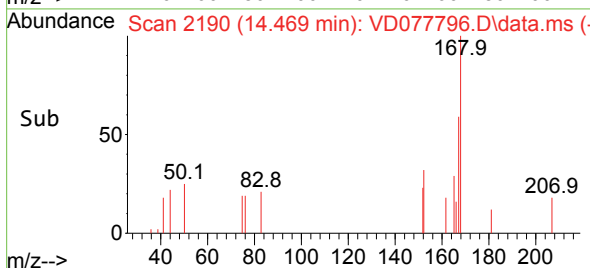
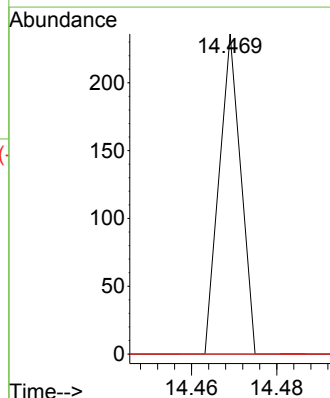
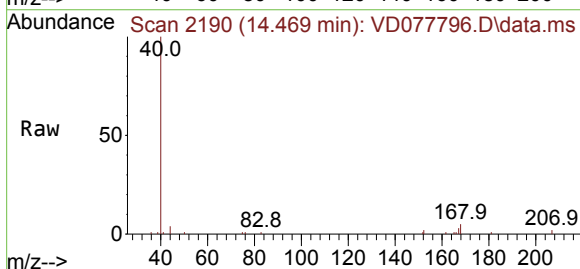
Tgt Ion: 75 Resp: 83

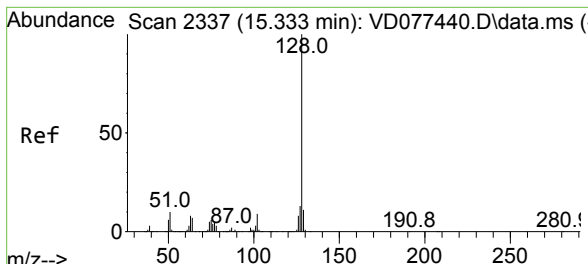
Ion Ratio Lower Upper

75 100

155 0.0 47.9 143.8#

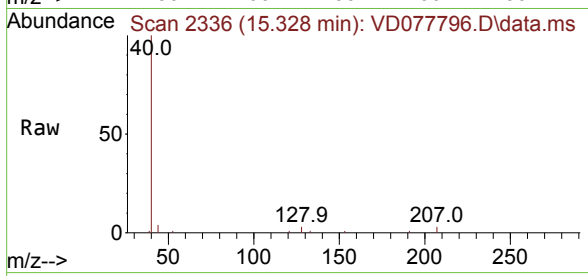
157 0.0 59.9 179.7#





#95
 Naphthalene
 Concen: 34.239 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD077796.D
 Acq: 08 Dec 2023 17:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	1006
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

