

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077448.D
 Acq On : 30 Oct 2023 15:33
 Operator : JC/SY
 Sample : 04699-01 2.5ppb
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:27:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	311574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	542111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	475442	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	215629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	214161	48.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.811	113	185470	49.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.269	98	733724	50.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	244007	49.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	5322	2.118	ug/l	93
3) Chloromethane	2.146	50	8578	2.151	ug/l	# 85
4) Vinyl Chloride	2.281	62	8256	2.123	ug/l	96
5) Bromomethane	2.693	94	6148	3.016	ug/l	81
6) Chloroethane	2.846	64	5952	2.273	ug/l	# 88
7) Trichlorofluoromethane	3.181	101	11878	2.181	ug/l	# 83
8) Diethyl Ether	3.599	74	4489	2.293	ug/l	# 32
9) 1,1,2-Trichlorotrifluo...	3.964	101	6945	2.112	ug/l	# 85
10) Methyl Iodide	4.158	142	7236	4.781	ug/l	# 82
11) Tert butyl alcohol	5.040	59	7693	22.043	ug/l	# 87
12) 1,1-Dichloroethene	3.946	96	6566	2.109	ug/l	# 82
13) Acrolein	3.793	56	5963	12.957	ug/l	83
14) Allyl chloride	4.564	41	14974	1.994	ug/l	# 82
15) Acrylonitrile	5.258	53	12296	11.617	ug/l	95
16) Acetone	4.028	43	13629	11.690	ug/l	# 80
17) Carbon Disulfide	4.275	76	14054	5.110	ug/l	96
18) Methyl Acetate	4.564	43	9827	2.311	ug/l	# 78
19) Methyl tert-butyl Ether	5.322	73	22168	2.269	ug/l	# 88
20) Methylene Chloride	4.805	84	70307	14.316	ug/l	# 66
21) trans-1,2-Dichloroethene	5.311	96	7687	2.120	ug/l	# 60
22) Diisopropyl ether	6.222	45	36426	2.282	ug/l	# 84
23) Vinyl Acetate	6.152	43	84436	12.262	ug/l	# 80
24) 1,1-Dichloroethane	6.111	63	17901	2.161	ug/l	96
25) 2-Butanone	7.081	43	22396	14.402	ug/l	# 63
26) 2,2-Dichloropropane	7.075	77	22579	3.076	ug/l	# 64
27) cis-1,2-Dichloroethene	7.081	96	10242	2.280	ug/l	49
28) Bromochloromethane	7.422	49	5808	3.587	ug/l	# 51
29) Tetrahydrofuran	7.452	42	9400	10.192	ug/l	# 75
30) Chloroform	7.593	83	17456	2.257	ug/l	87
31) Cyclohexane	7.875	56	21854	3.173	ug/l	# 78
32) 1,1,1-Trichloroethane	7.793	97	13319	2.090	ug/l	# 94
36) 1,1-Dichloropropene	8.005	75	11484	2.067	ug/l	90
37) Ethyl Acetate	7.169	43	6885	2.160	ug/l	# 88
38) Carbon Tetrachloride	7.999	117	11338	2.166	ug/l	97
39) Methylcyclohexane	9.275	83	13041	2.057	ug/l	# 77
40) Benzene	8.252	78	34018	2.147	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	3142	1.540	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	11489	2.290	ug/l	97
43) Isopropyl Acetate	8.363	43	14842	2.256	ug/l #	82
44) Trichloroethene	9.028	130	8562	2.207	ug/l	95
45) 1,2-Dichloropropane	9.305	63	10641	2.282	ug/l	93
46) Dibromomethane	9.393	93	5101	2.273	ug/l	89
47) Bromodichloromethane	9.581	83	13241	2.232	ug/l #	93
48) Methyl methacrylate	9.387	41	5846	1.861	ug/l #	68
49) 1,4-Dioxane	9.387	88	1173	48.639	ug/l #	69
51) 4-Methyl-2-Pentanone	10.163	43	36888	11.391	ug/l #	80
52) Toluene	10.334	92	20342	2.106	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	14386	2.290	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	16213	2.243	ug/l #	71
55) 1,1,2-Trichloroethane	10.734	97	7308	2.441	ug/l	95
56) Ethyl methacrylate	10.599	69	10034	2.254	ug/l #	57
57) 1,3-Dichloropropane	10.881	76	12599	2.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	20650	9.265	ug/l #	80
59) 2-Hexanone	10.922	43	27614	11.575	ug/l	80
60) Dibromochloromethane	11.075	129	8842	2.456	ug/l	93
61) 1,2-Dibromoethane	11.181	107	6110	2.155	ug/l	99
64) Tetrachloroethene	10.804	164	6394	2.112	ug/l #	83
65) Chlorobenzene	11.604	112	22876	2.297	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	8240	2.189	ug/l	98
67) Ethyl Benzene	11.687	91	42175	2.201	ug/l	96
68) m/p-Xylenes	11.793	106	29837	4.311	ug/l	75
69) o-Xylene	12.122	106	15364	2.318	ug/l	79
70) Styrene	12.134	104	26307	2.300	ug/l #	89
71) Bromoform	12.304	173	4648	2.227	ug/l #	93
73) Isopropylbenzene	12.422	105	38412	2.185	ug/l	98
74) N-amyl acetate	12.240	43	13587	2.182	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	7913	2.296	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	11059	4.214	ug/l #	100
77) Bromobenzene	12.704	156	9034	2.335	ug/l	62
78) n-propylbenzene	12.763	91	51128	2.290	ug/l	94
79) 2-Chlorotoluene	12.851	91	31146	2.464	ug/l	86
80) 1,3,5-Trimethylbenzene	12.904	105	35723	2.422	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.575	75	138599	102.012	ug/l #	17
82) 4-Chlorotoluene	12.951	91	30265	2.299	ug/l	90
83) tert-Butylbenzene	13.163	119	28897	2.330	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	34161	2.331	ug/l	91
85) sec-Butylbenzene	13.345	105	43349	2.284	ug/l	94
86) p-Isopropyltoluene	13.463	119	33887	2.197	ug/l	90
87) 1,3-Dichlorobenzene	13.457	146	18272	2.402	ug/l	96
88) 1,4-Dichlorobenzene	13.457	146	18272	2.404	ug/l	94
89) n-Butylbenzene	13.787	91	38559	2.405	ug/l	95
90) Hexachloroethane	14.057	117	7354	2.330	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	15695	2.348	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1640	2.825	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	11215	2.442	ug/l	95
94) Hexachlorobutadiene	15.204	225	5501	2.221	ug/l	97
95) Naphthalene	15.334	128	24115	2.753	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	9103	2.296	ug/l	92

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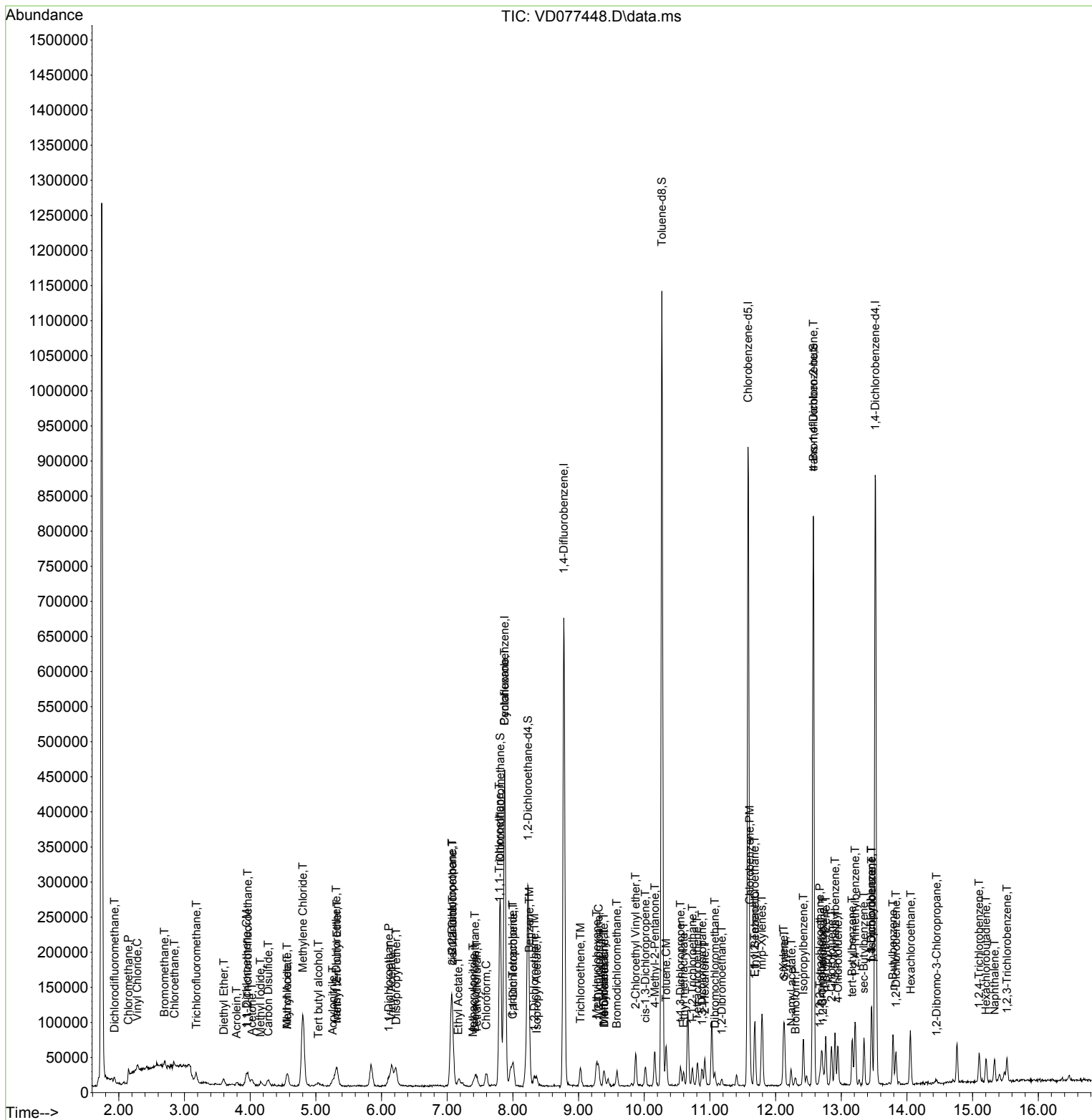
Instrument :
MSVOA_D
ClientSampleId :

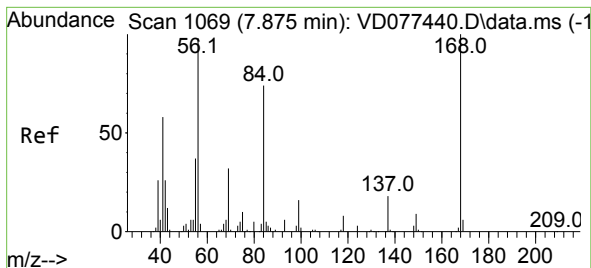
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077448.D

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Instrument :

MSVOA_D

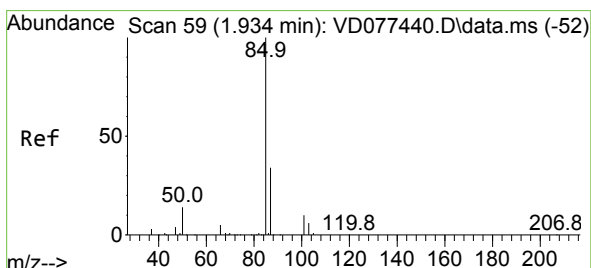
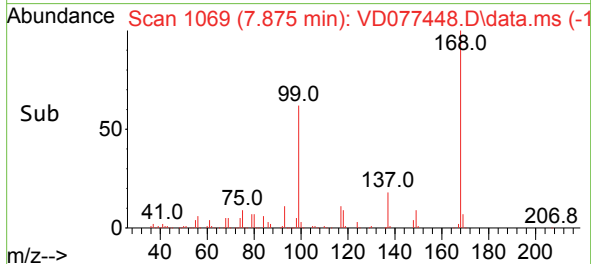
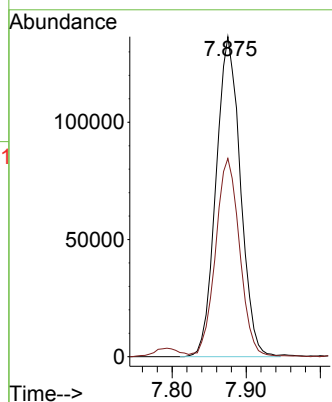
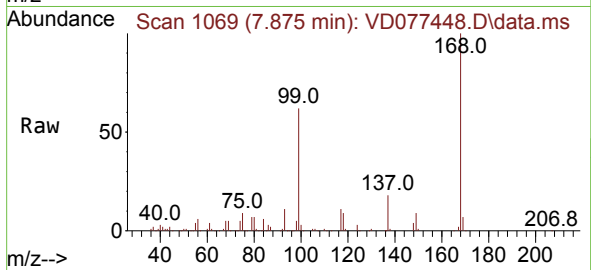
ClientSampleId :

Tgt Ion:168 Resp: 311574

Ion Ratio Lower Upper

168 100

99 61.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 2.118 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077448.D

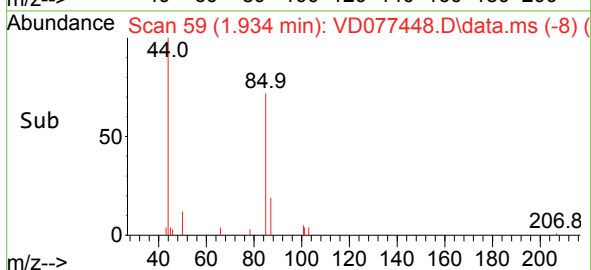
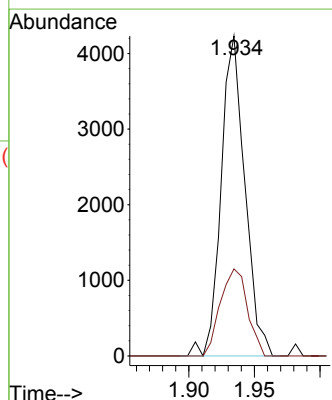
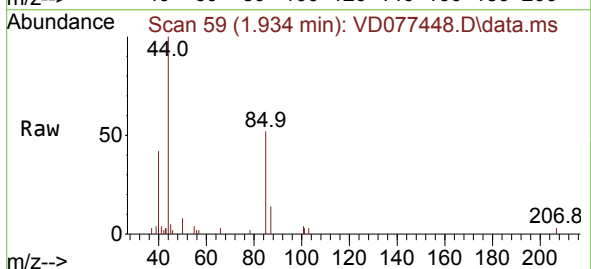
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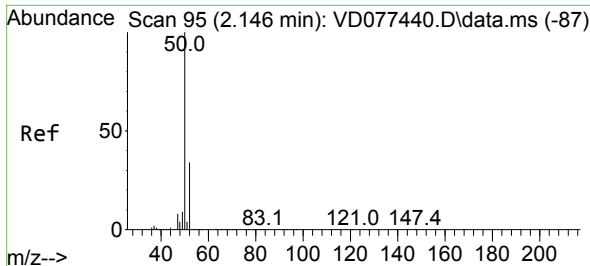
Tgt Ion: 85 Resp: 5322

Ion Ratio Lower Upper

85 100

87 27.2 15.7 47.0

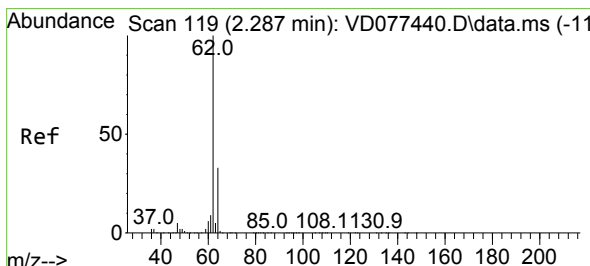
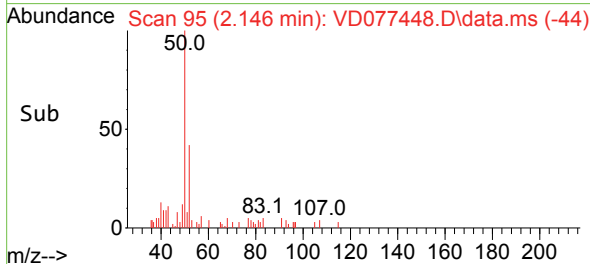
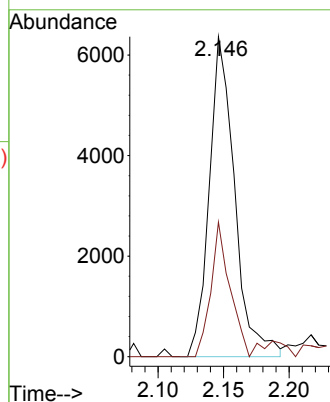
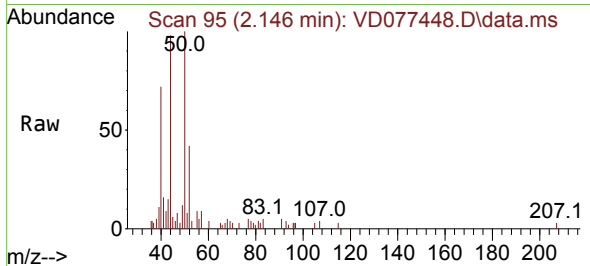




#3
Chloromethane
Concen: 2.151 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

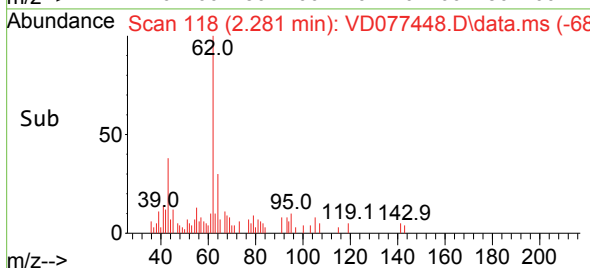
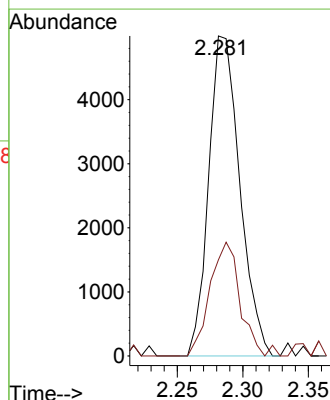
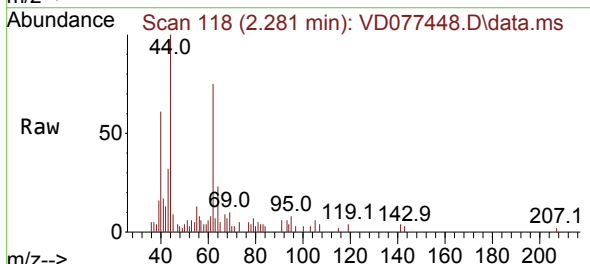
Instrument :
MSVOA_D
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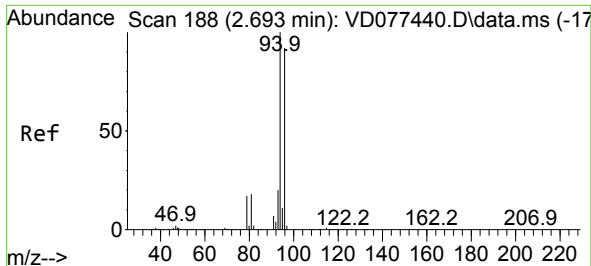
Tgt Ion: 50 Resp: 8578
Ion Ratio Lower Upper
50 100
52 42.1 26.6 40.0#



#4
Vinyl Chloride
Concen: 2.123 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 62 Resp: 8256
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

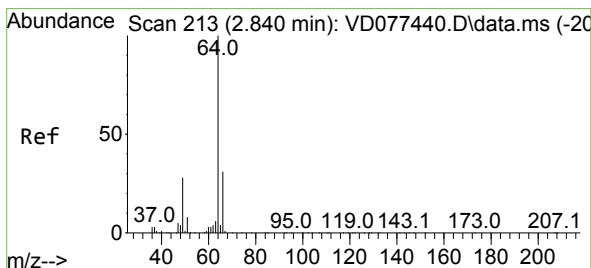
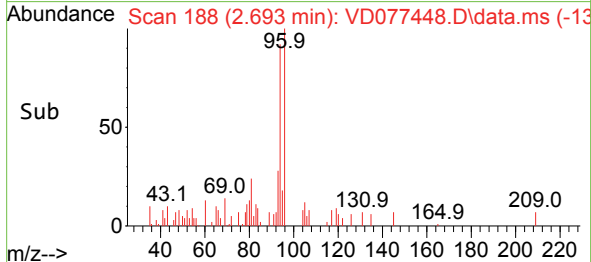
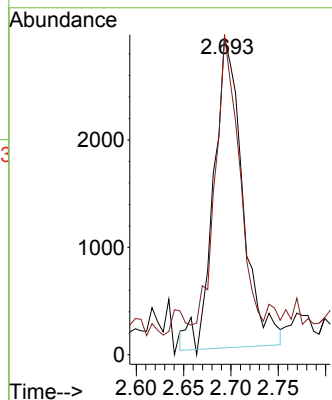
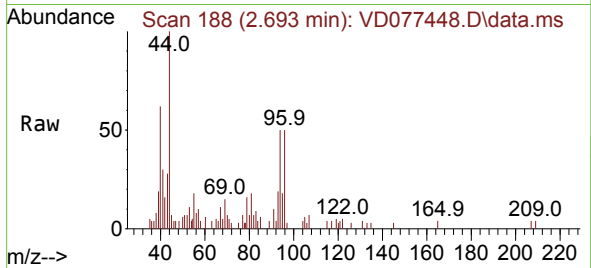




#5
Bromomethane
Concen: 3.016 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

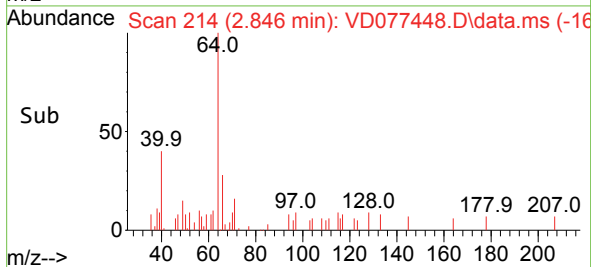
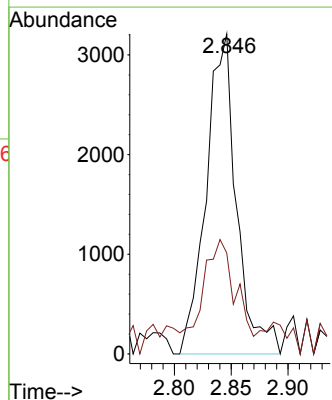
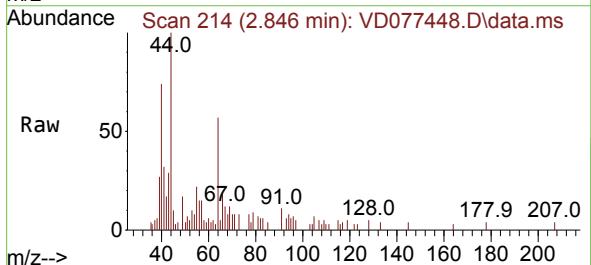
Instrument :
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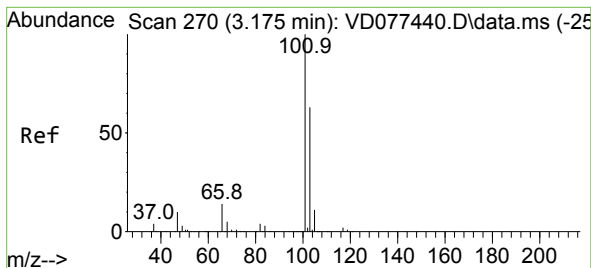
Tgt Ion: 94 Resp: 6148
Ion Ratio Lower Upper
94 100
96 76.8 75.8 113.8



#6
Chloroethane
Concen: 2.273 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

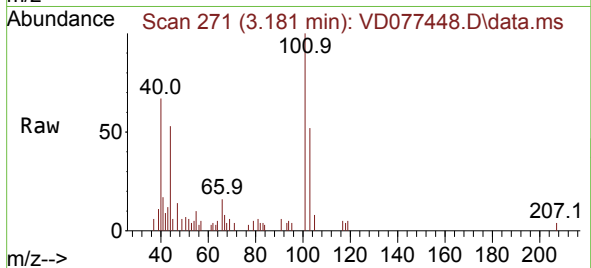
Tgt Ion: 64 Resp: 5952
Ion Ratio Lower Upper
64 100
66 25.0 25.5 38.3#



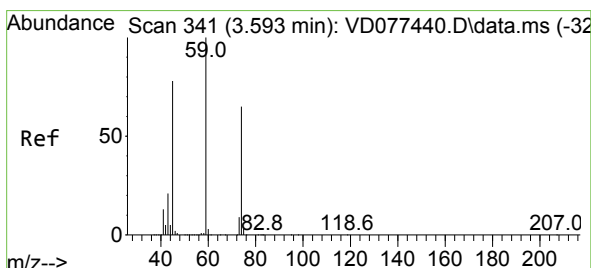
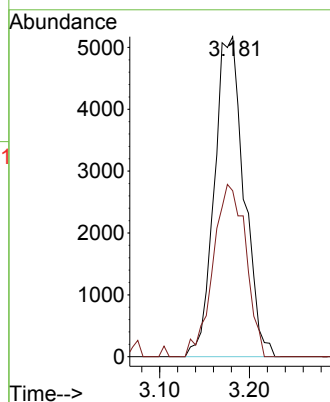
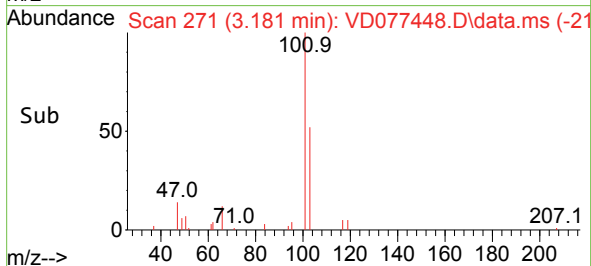


#7
 Trichlorofluoromethane
 Concen: 2.181 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

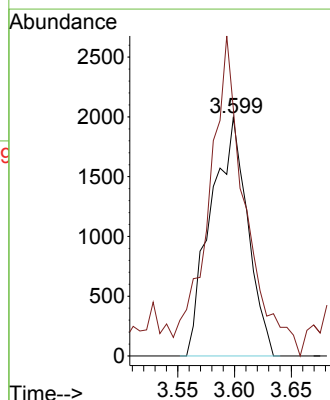
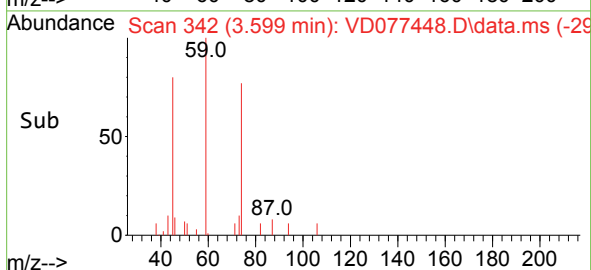
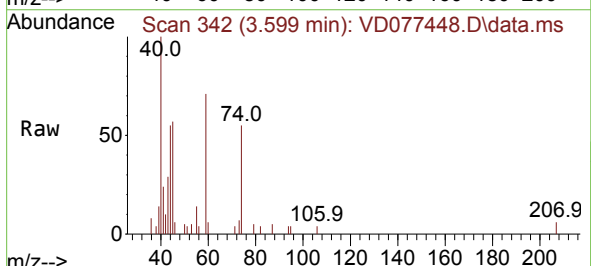


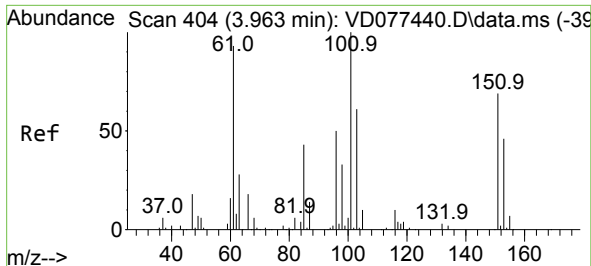
Tgt Ion:101 Resp: 11878
 Ion Ratio Lower Upper
 101 100
 103 51.8 52.3 78.5#



#8
 Diethyl Ether
 Concen: 2.293 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion: 74 Resp: 4489
 Ion Ratio Lower Upper
 74 100
 45 133.2 37.5 112.7#

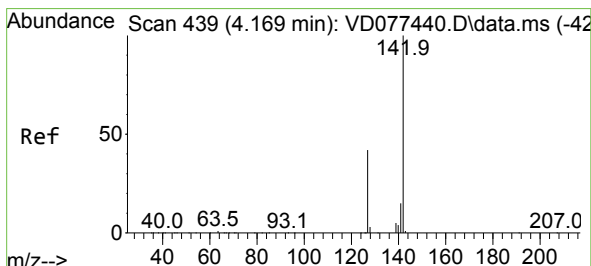
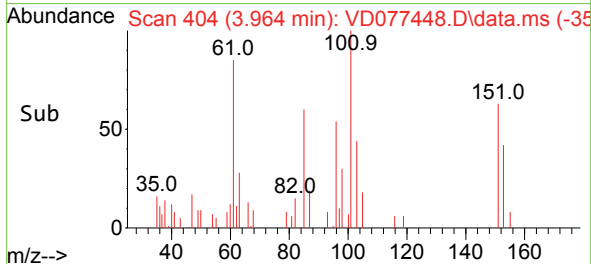
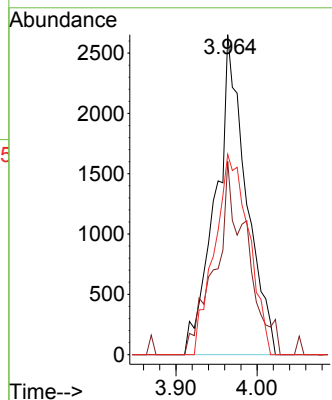
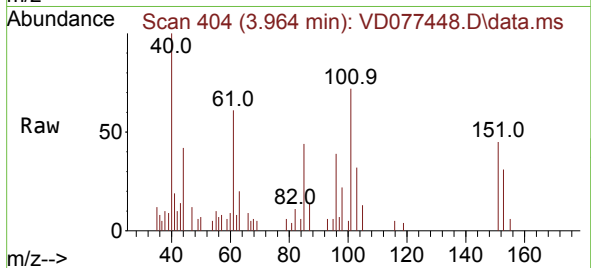




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.112 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

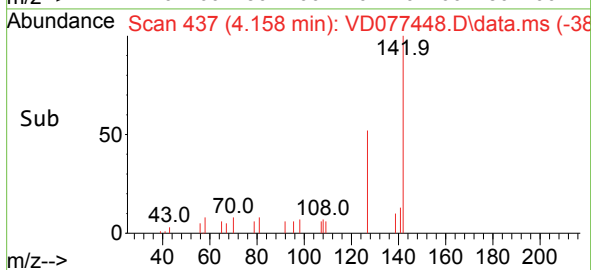
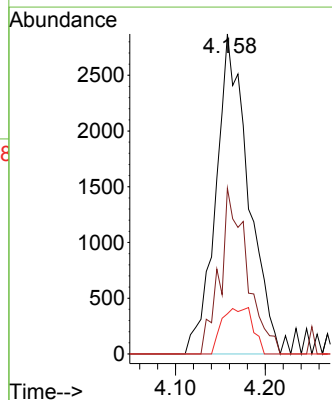
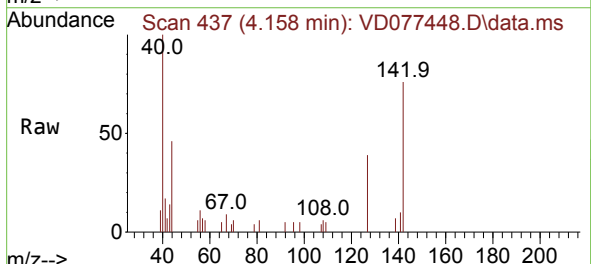
Instrument :
MSVOA_D
ClientSampleId :

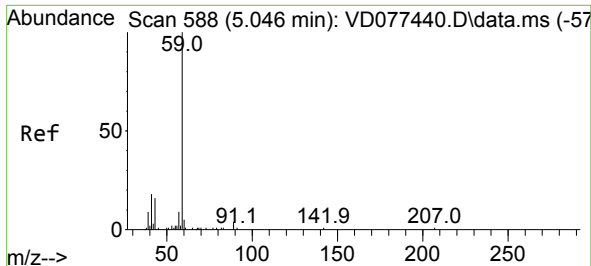
Tgt Ion:101 Resp: 6945
Ion Ratio Lower Upper
101 100
85 62.3 33.8 50.6#
151 70.2 59.8 89.6



#10
Methyl Iodide
Concen: 4.781 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:142 Resp: 7236
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 22.043 ug/l

RT: 5.040 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

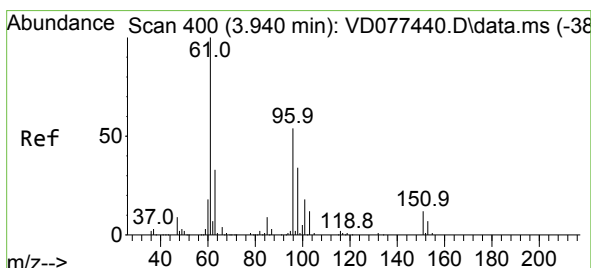
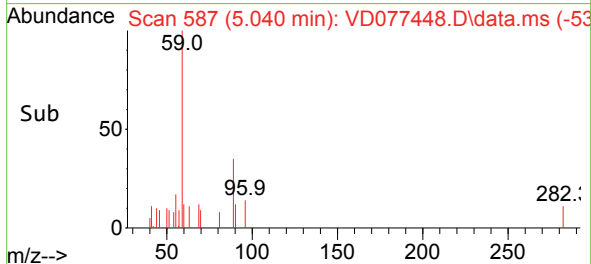
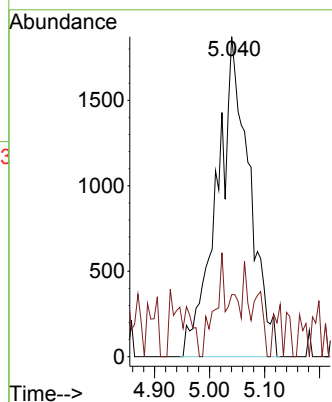
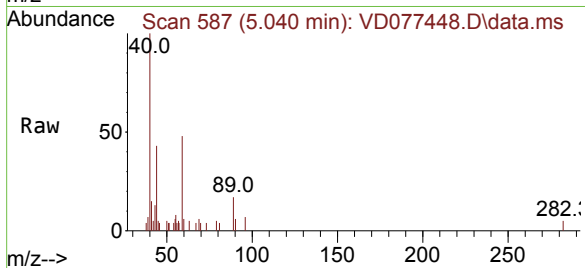
ClientSampleId :

Tgt Ion: 59 Resp: 7693

Ion Ratio Lower Upper

59 100

57 5.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 2.109 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

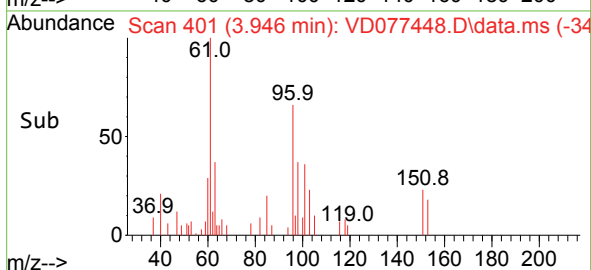
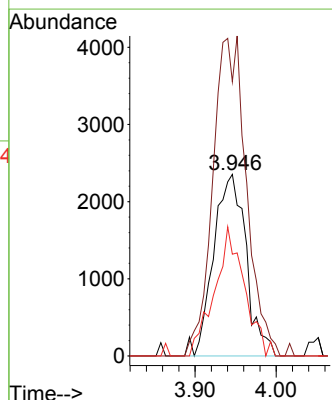
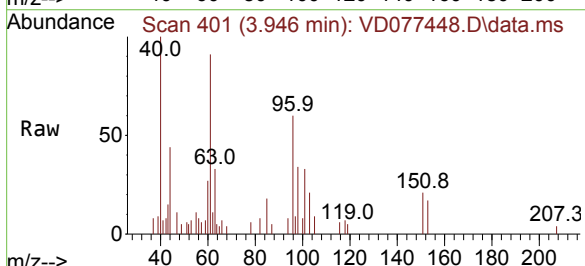
Tgt Ion: 96 Resp: 6566

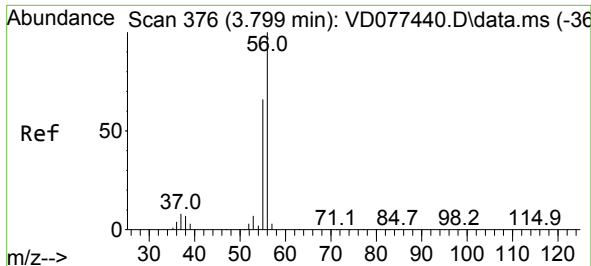
Ion Ratio Lower Upper

96 100

61 151.0 100.6 150.8#

98 56.1 50.2 75.2

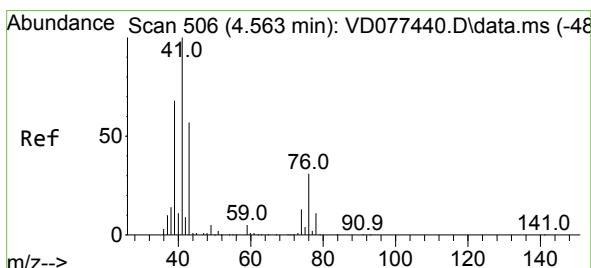
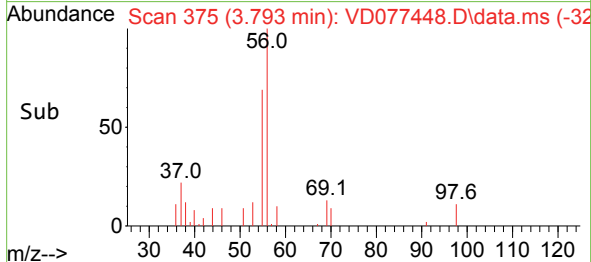
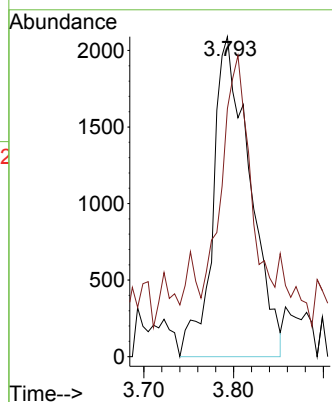
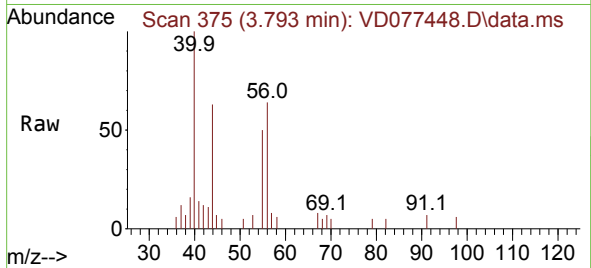




#13
Acrolein
Concen: 12.957 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

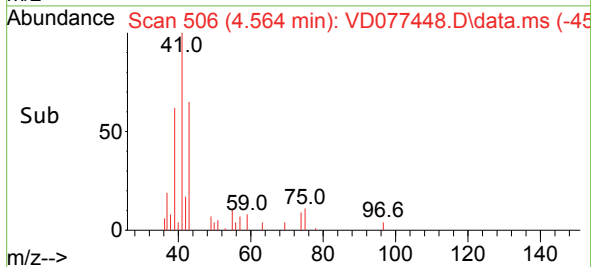
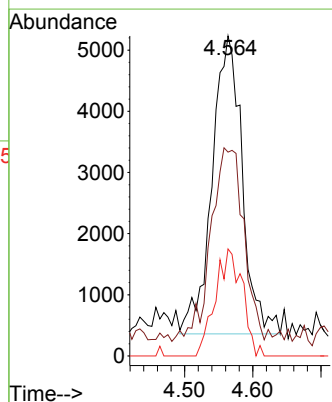
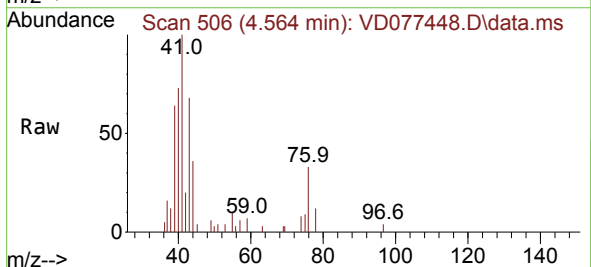
Instrument :
MSVOA_D
ClientSampleId :

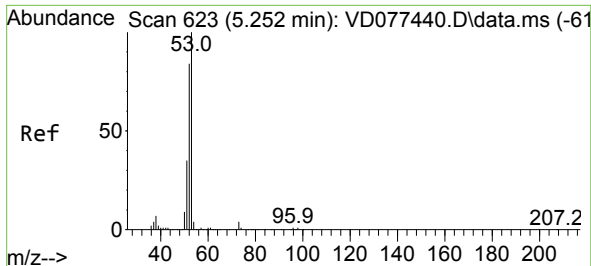
Tgt Ion: 56 Resp: 5963
Ion Ratio Lower Upper
56 100
55 55.2 55.1 82.7



#14
Allyl chloride
Concen: 1.994 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 41 Resp: 14974
Ion Ratio Lower Upper
41 100
39 70.8 53.8 80.6
76 32.2 45.8 68.8#

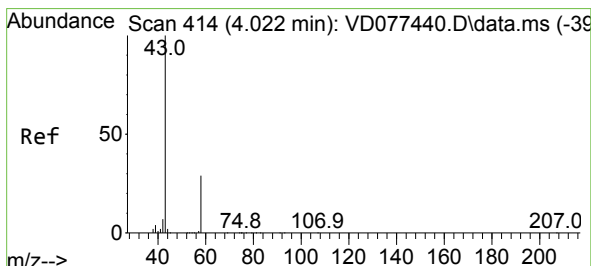
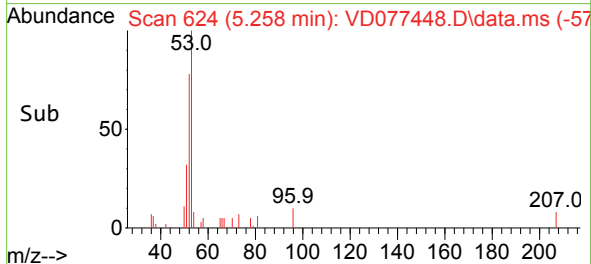
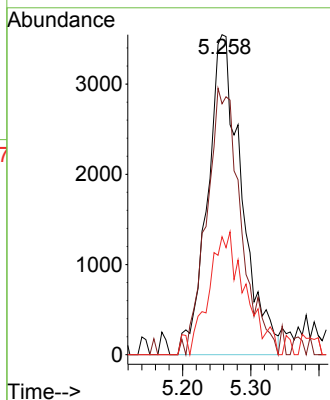
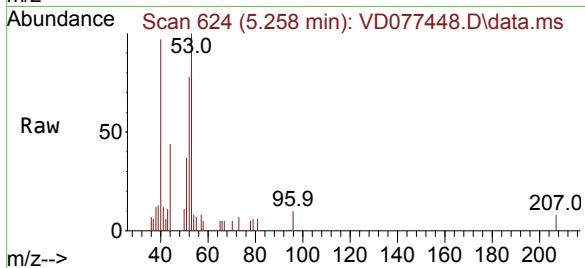




#15
Acrylonitrile
Concen: 11.617 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

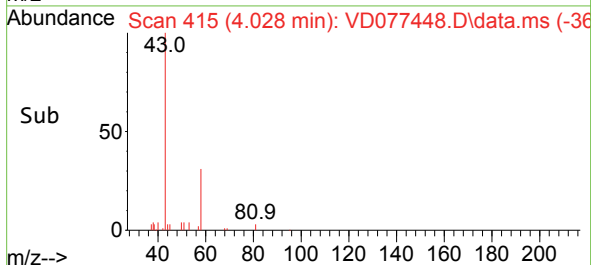
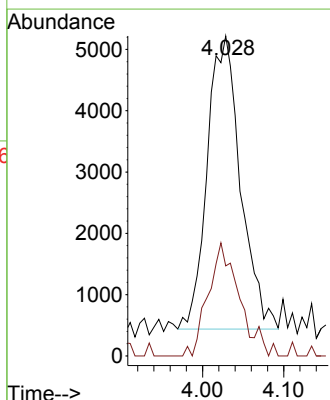
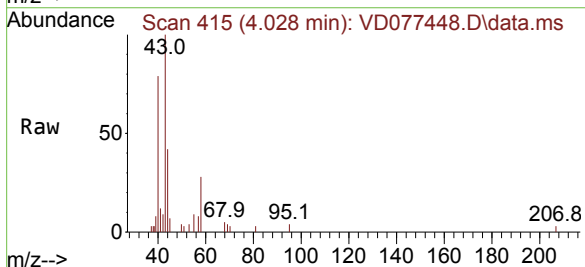
Instrument :
MSVOA_D
ClientSampleId :

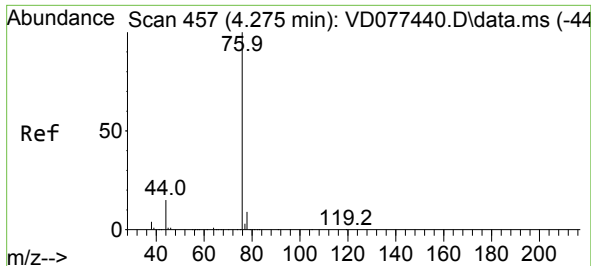
Tgt Ion: 53 Resp: 12296
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 40.9 28.3 42.5



#16
Acetone
Concen: 11.690 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 43 Resp: 13629
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#

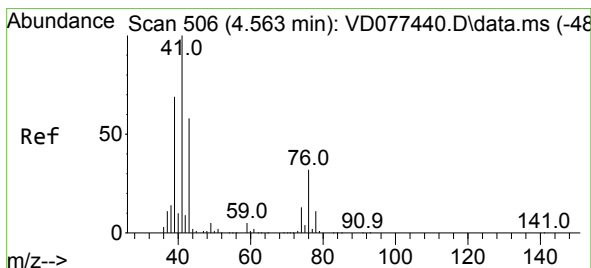
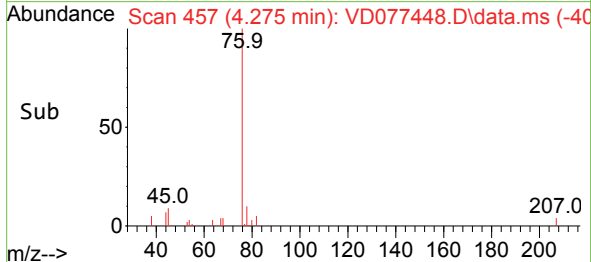
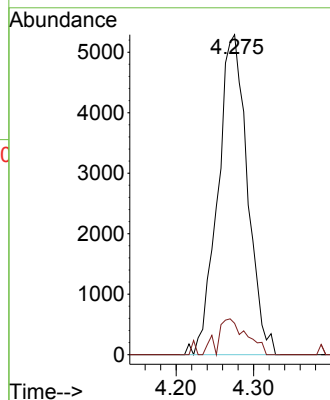
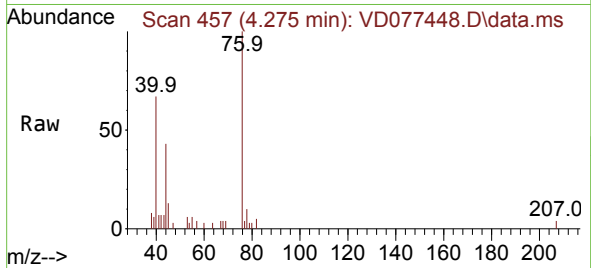




#17
Carbon Disulfide
Concen: 5.110 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

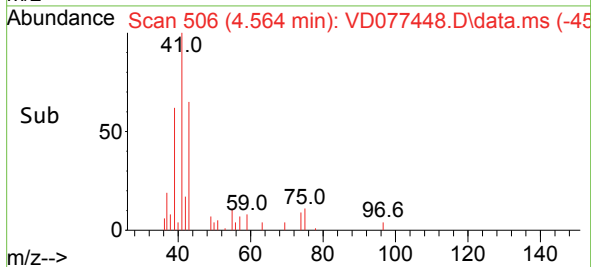
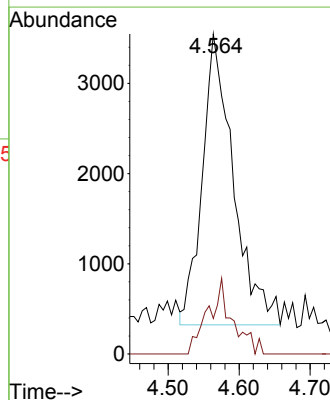
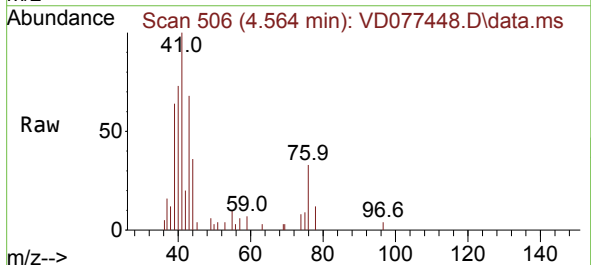
Instrument :
MSVOA_D
ClientSampleId :

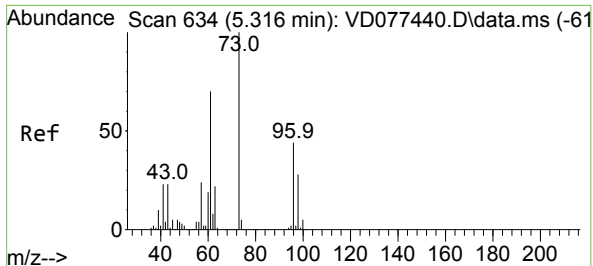
Tgt Ion: 76 Resp: 14054
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 2.311 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 43 Resp: 9827
Ion Ratio Lower Upper
43 100
74 20.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 2.269 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

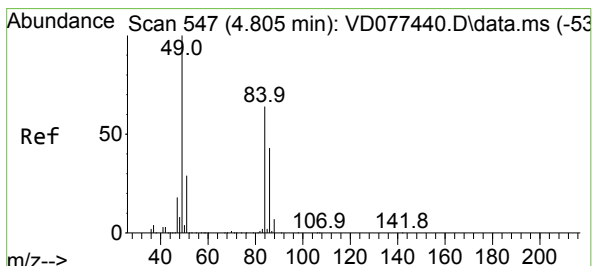
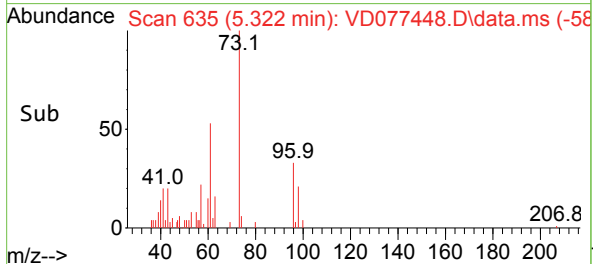
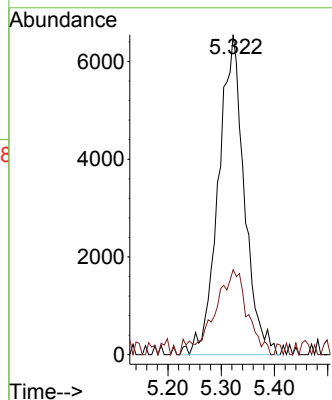
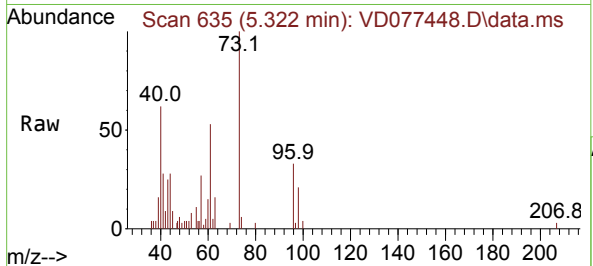
ClientSampleId :

Tgt Ion: 73 Resp: 22168

Ion Ratio Lower Upper

73 100

57 26.6 16.6 25.0#



#20

Methylene Chloride

Concen: 14.316 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Tgt Ion: 84 Resp: 70307

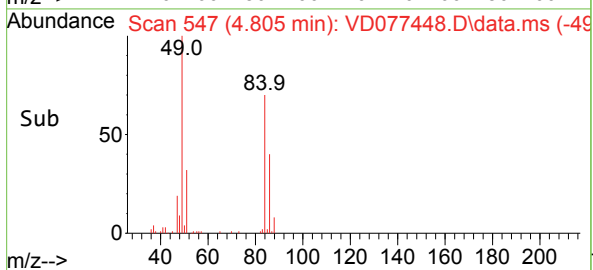
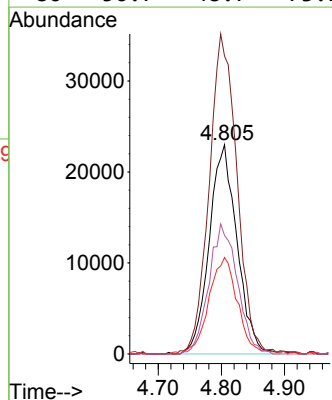
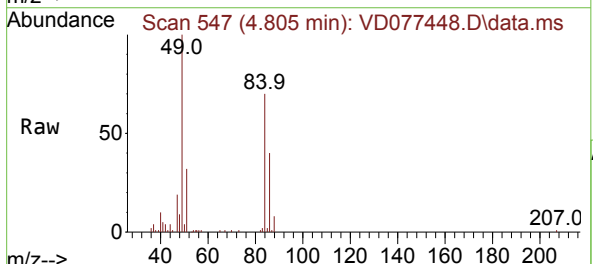
Ion Ratio Lower Upper

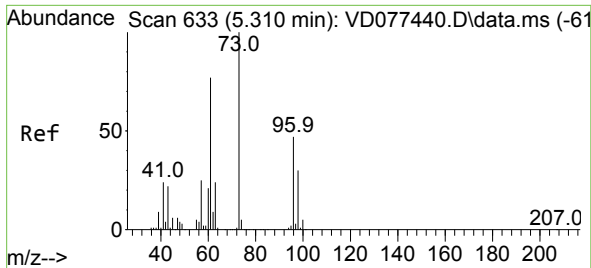
84 100

49 140.9 71.4 107.2#

51 46.2 24.5 36.7#

86 56.7 48.7 73.1

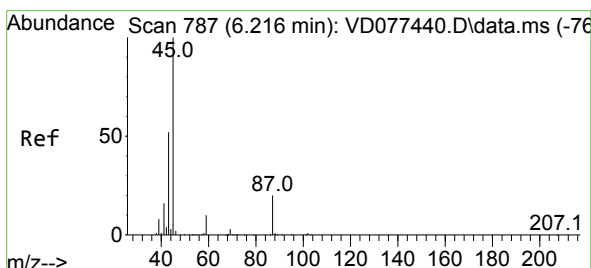
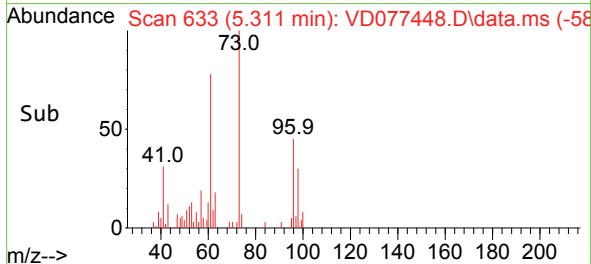
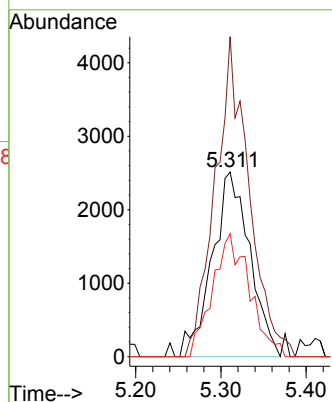
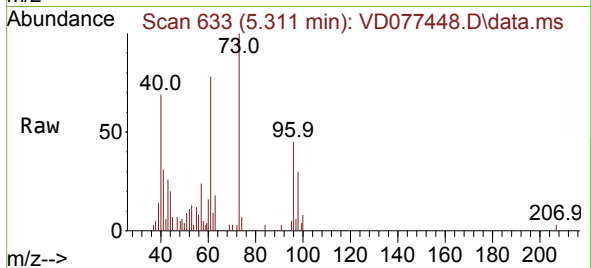




#21
trans-1,2-Dichloroethene
Concen: 2.120 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

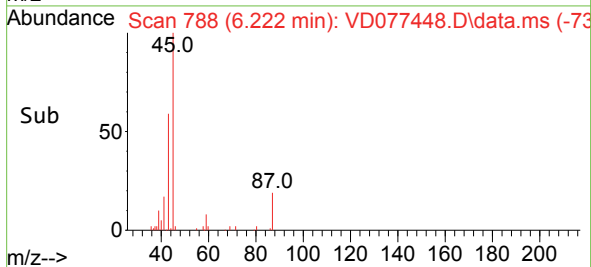
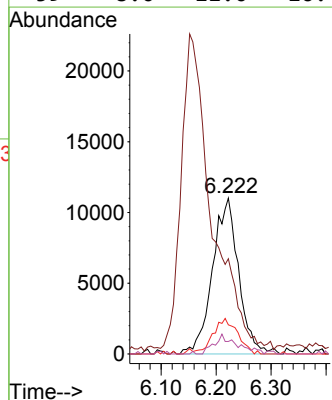
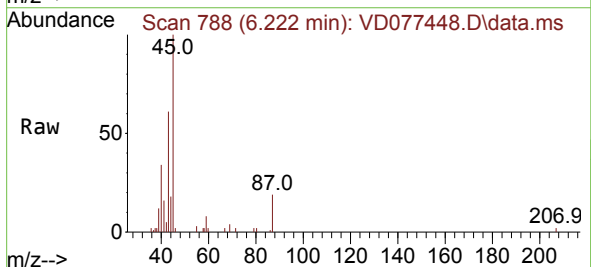
Instrument :
MSVOA_D
ClientSampleId :

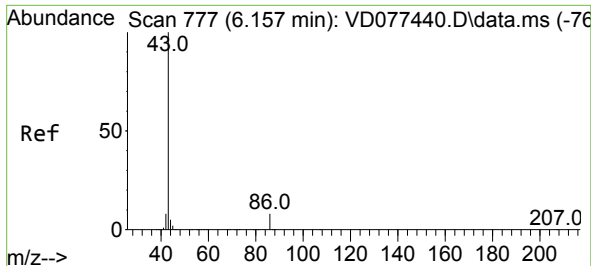
Tgt Ion: 96 Resp: 7687
Ion Ratio Lower Upper
96 100
61 173.3 89.3 133.9#
98 66.6 48.6 73.0



#22
Diisopropyl ether
Concen: 2.282 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 45 Resp: 36426
Ion Ratio Lower Upper
45 100
43 55.6 40.0 60.0
87 18.7 28.2 42.4#
59 8.0 11.0 16.4#

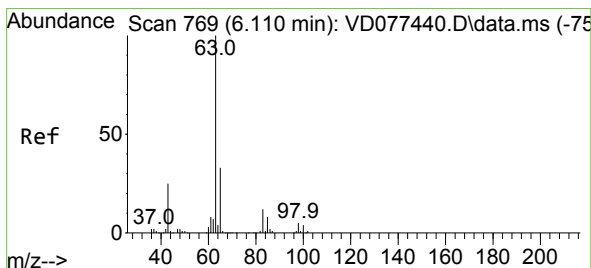
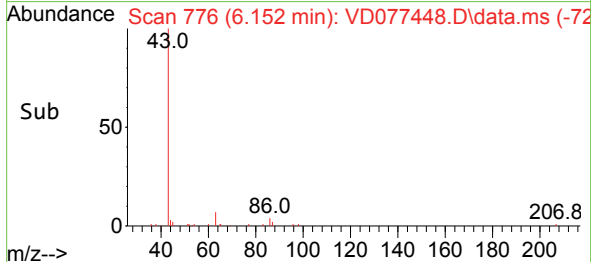
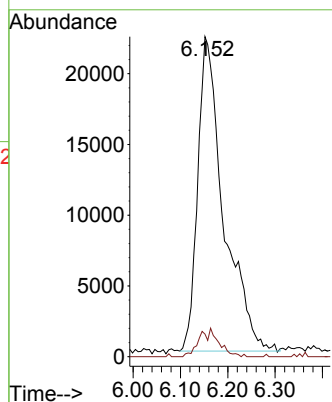
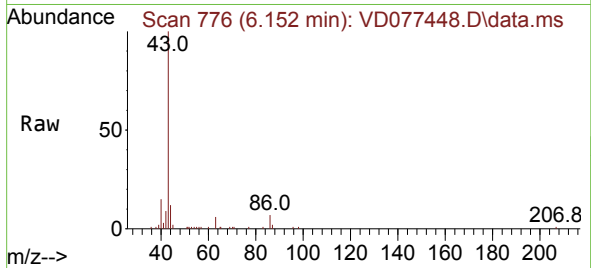




#23
 Vinyl Acetate
 Concen: 12.262 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

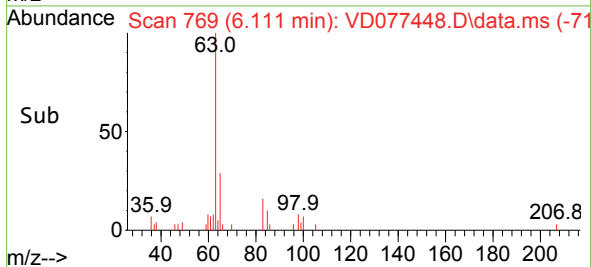
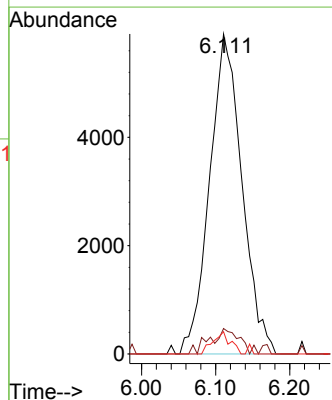
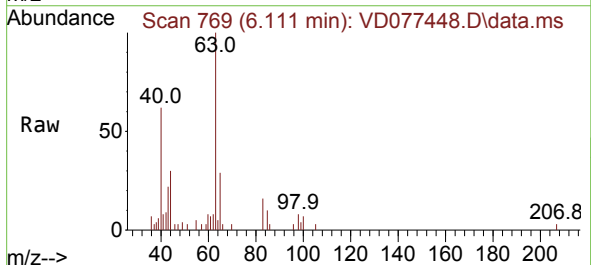
Instrument :
 MSVOA_D
 ClientSampleId :

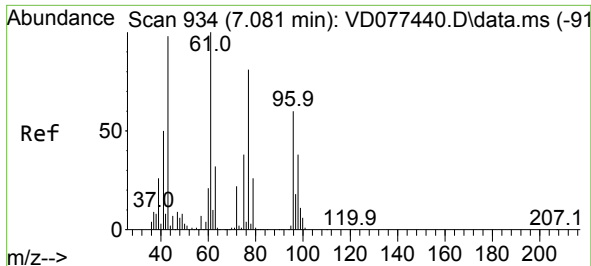
Tgt Ion: 43 Resp: 84436
 Ion Ratio Lower Upper
 43 100
 86 7.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 2.161 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion: 63 Resp: 17901
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 6.9 2.5 7.5

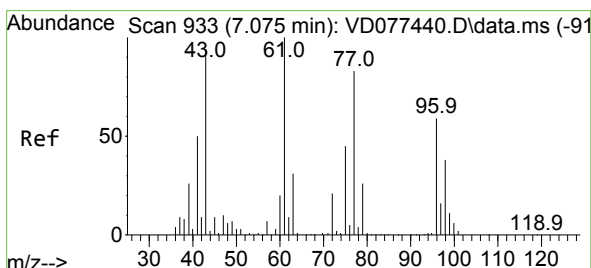
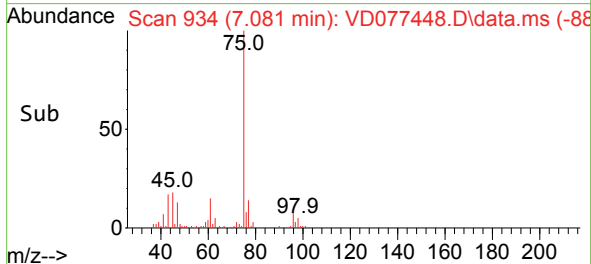
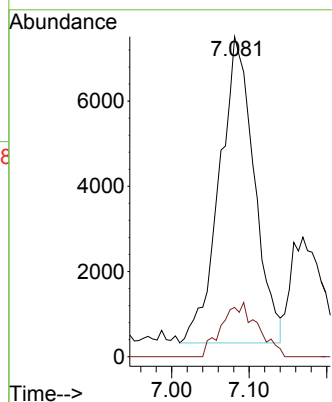
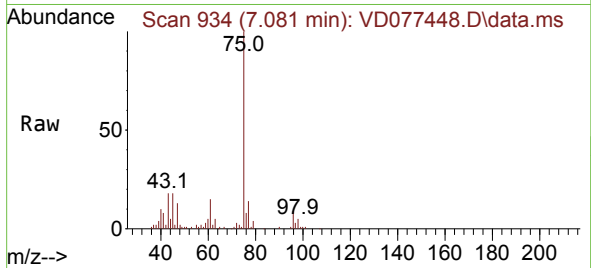




#25
2-Butanone
Concen: 14.402 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

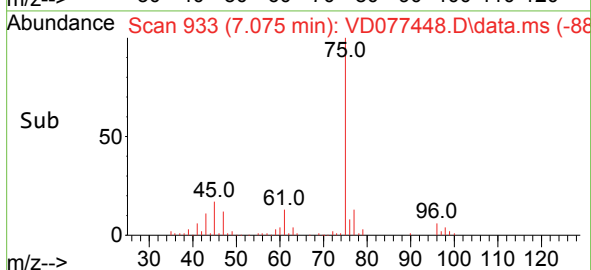
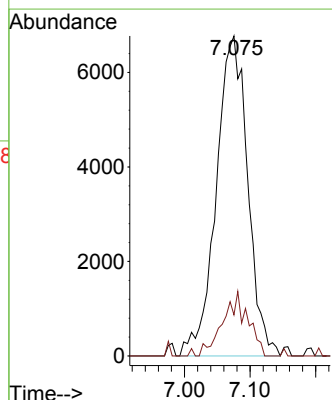
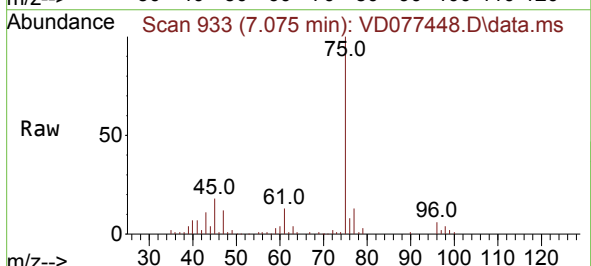
Instrument :
MSVOA_D
ClientSampleId :

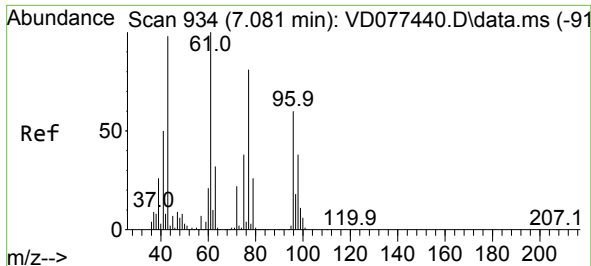
Tgt Ion: 43 Resp: 22396
Ion Ratio Lower Upper
43 100
72 16.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 3.076 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

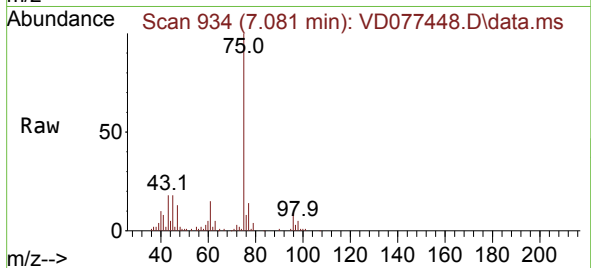
Tgt Ion: 77 Resp: 22579
Ion Ratio Lower Upper
77 100
97 8.1 13.2 39.6#



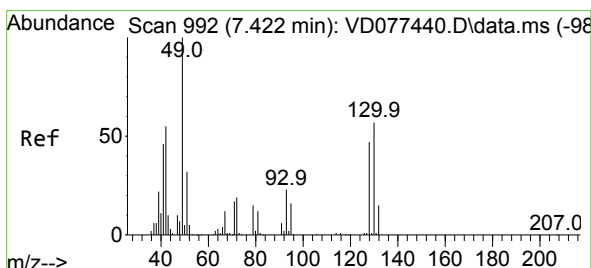
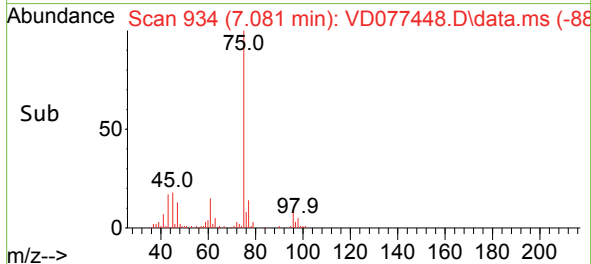
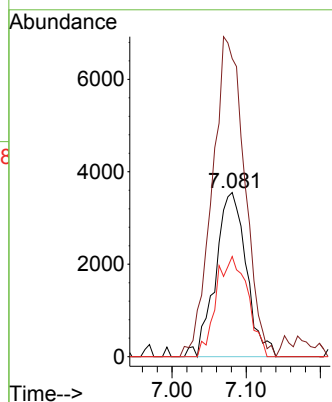


#27
 cis-1,2-Dichloroethene
 Concen: 2.280 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

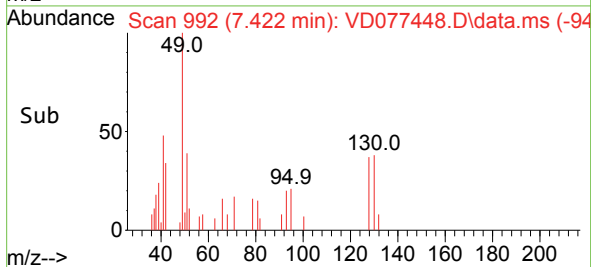
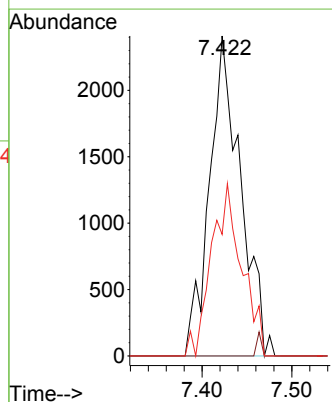
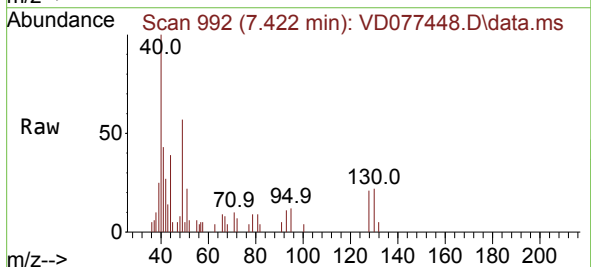


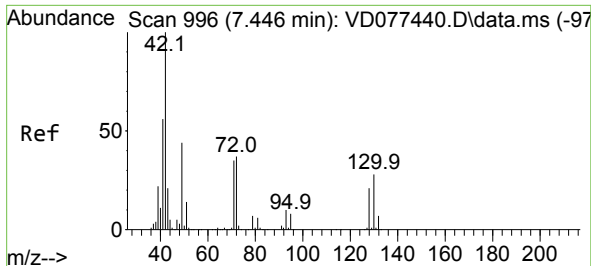
Tgt Ion	Ratio	Lower	Upper
96	100		
61	205.2	0.0	239.2
98	62.6	0.0	128.6



#28
 Bromochloromethane
 Concen: 3.587 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	52.4	83.2	124.8





#29

Tetrahydrofuran

Concen: 10.192 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

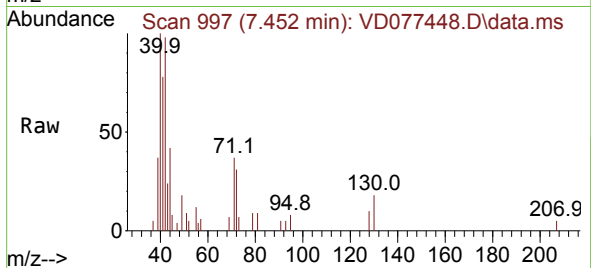
Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

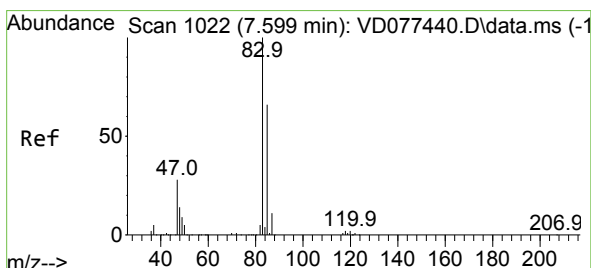
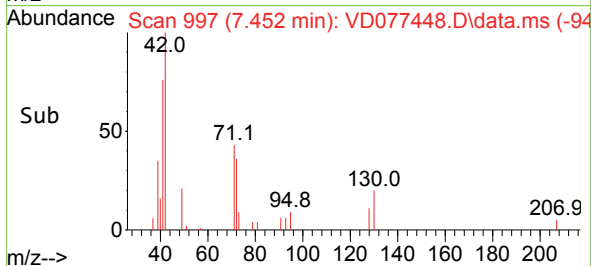
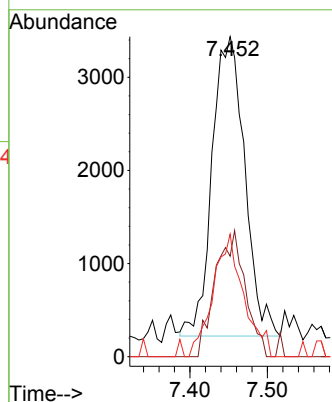
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	9400
Ion Ratio	Lower	Upper	
42	100		
72	38.7	46.5	69.7#
71	38.2	44.5	66.7#



#30

Chloroform

Concen: 2.257 ug/l

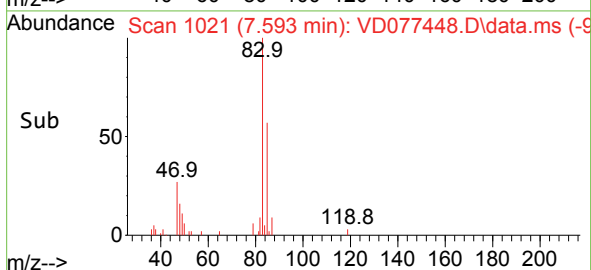
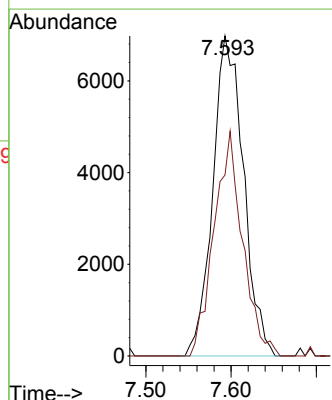
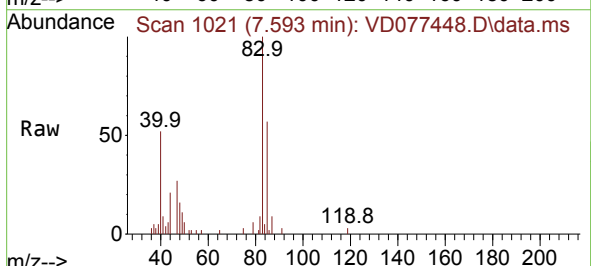
RT: 7.593 min Scan# 1021

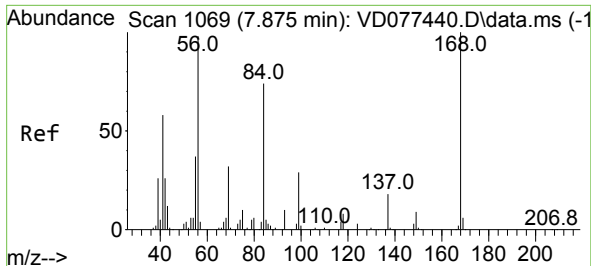
Delta R.T. -0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

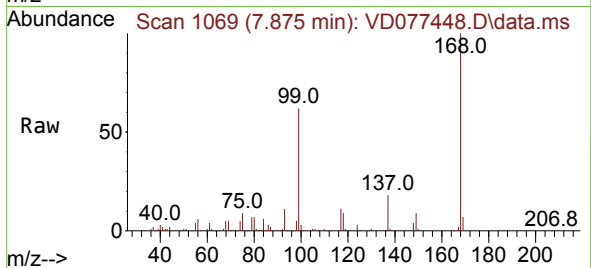
Tgt Ion:	83	Resp:	17456
Ion Ratio	Lower	Upper	
83	100		
85	56.6	53.4	80.2



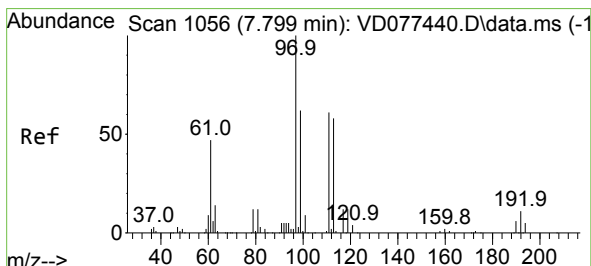
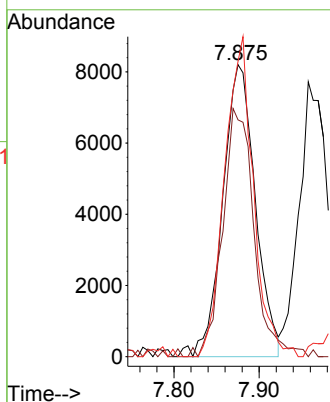
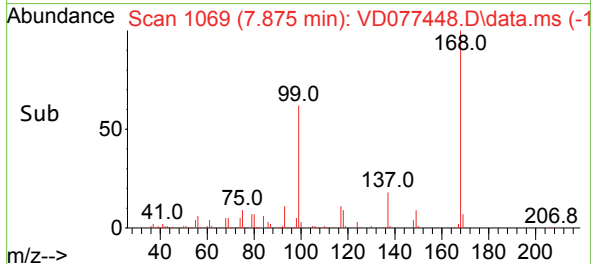


#31
Cyclohexane
Concen: 3.173 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

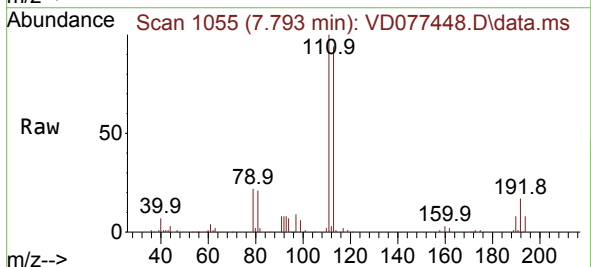
Instrument :
MSVOA_D
ClientSampleId :



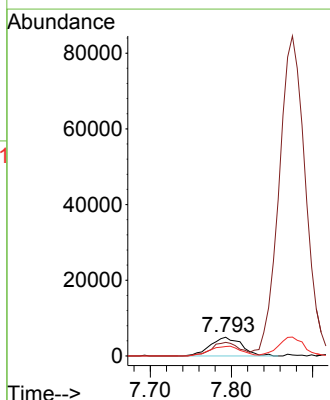
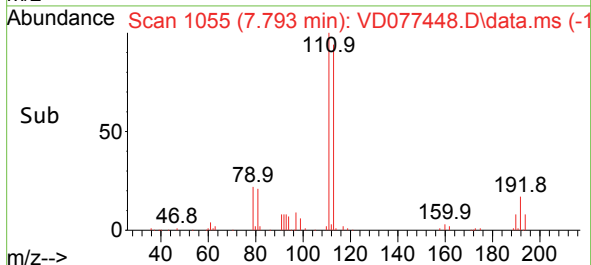
Tgt Ion: 56 Resp: 21854
Ion Ratio Lower Upper
56 100
69 78.4 28.6 43.0#
84 101.1 84.8 127.2

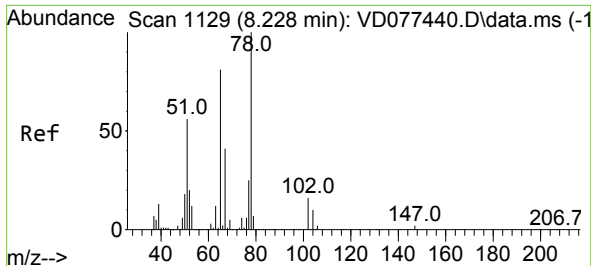


#32
1,1,1-Trichloroethane
Concen: 2.090 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33



Tgt Ion: 97 Resp: 13319
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 51.8 33.8 50.8#





#33

1,2-Dichloroethane-d4

Concen: 48.609 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

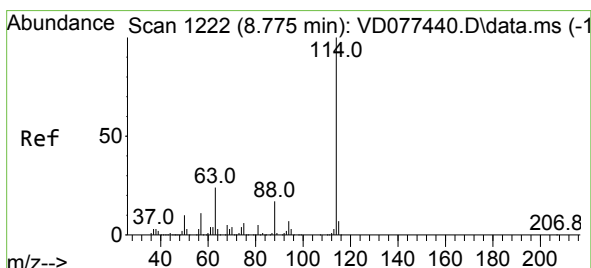
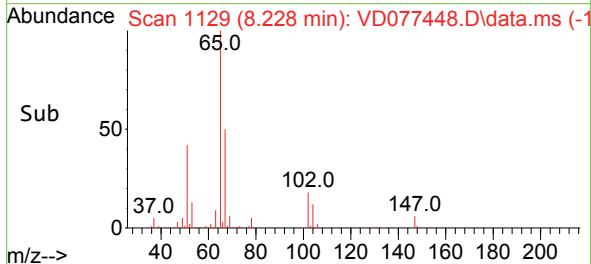
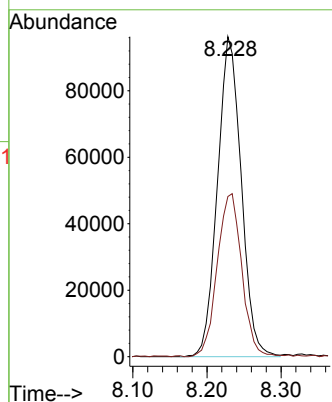
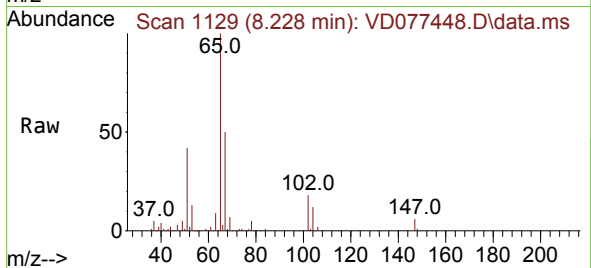
ClientSampleId :

Tgt Ion: 65 Resp: 214161

Ion Ratio Lower Upper

65 100

67 52.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

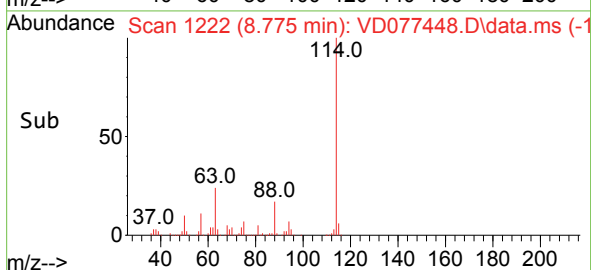
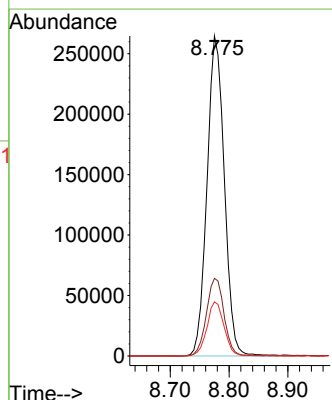
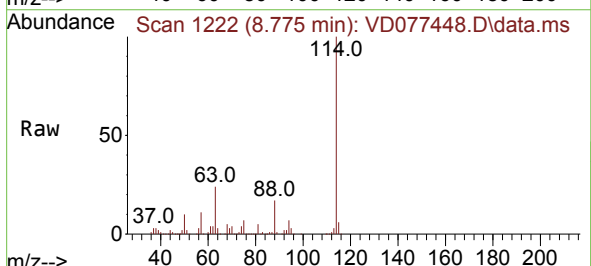
Tgt Ion: 114 Resp: 542111

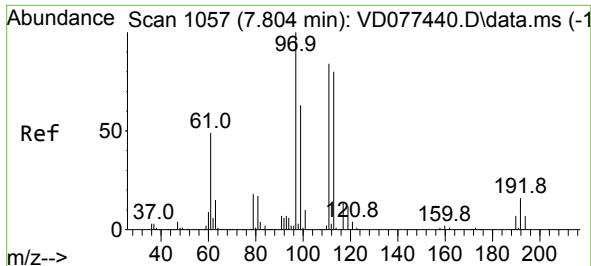
Ion Ratio Lower Upper

114 100

63 24.3 0.0 33.4

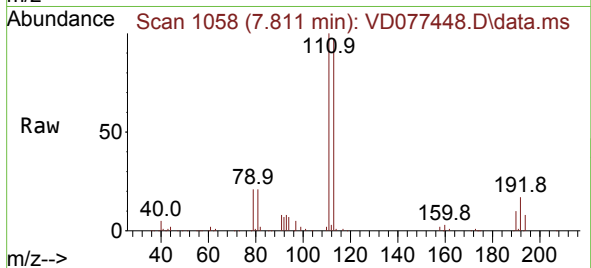
88 16.9 0.0 26.2



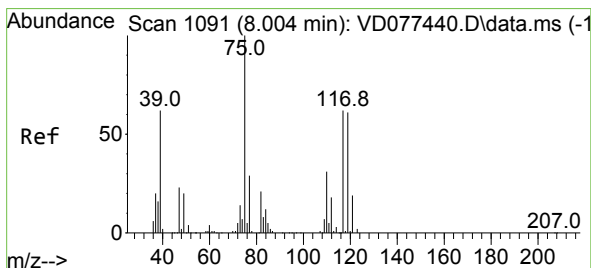
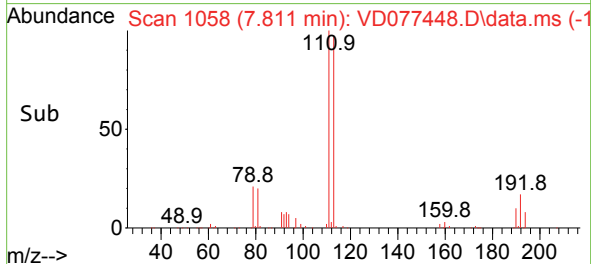
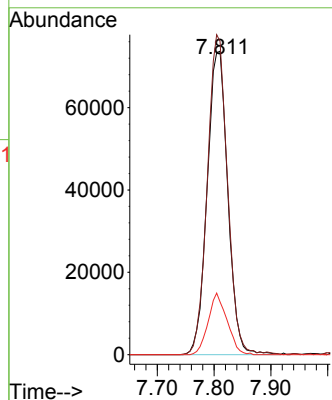


#35
Dibromofluoromethane
Concen: 49.500 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Instrument :
MSVOA_D
ClientSampleId :

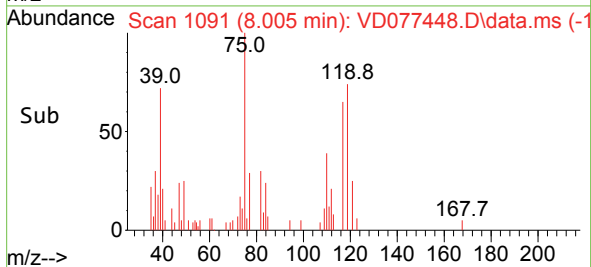
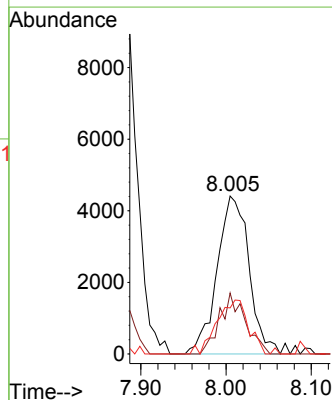
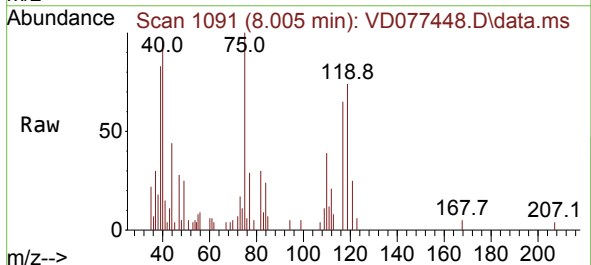


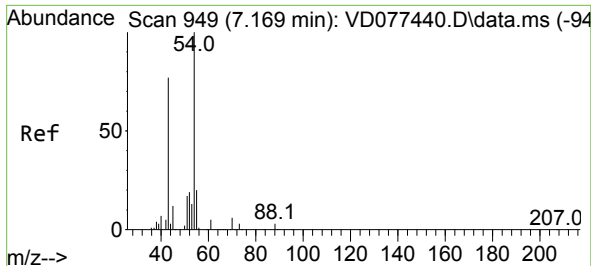
Tgt Ion:113 Resp: 185470
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.067 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

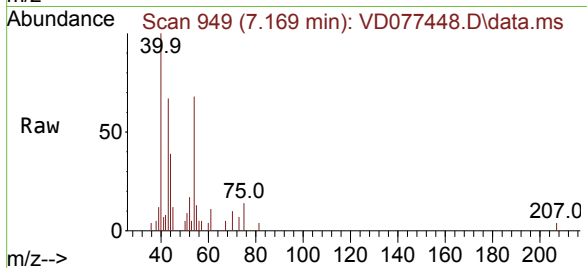
Tgt Ion: 75 Resp: 11484
Ion Ratio Lower Upper
75 100
110 31.3 19.9 59.6
77 33.8 24.7 37.1



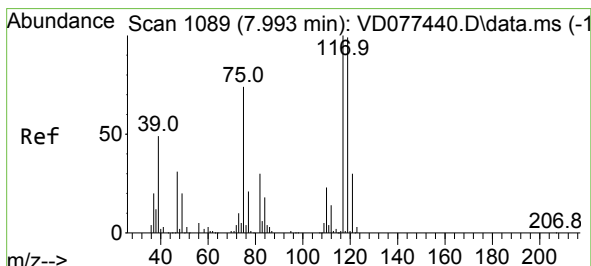
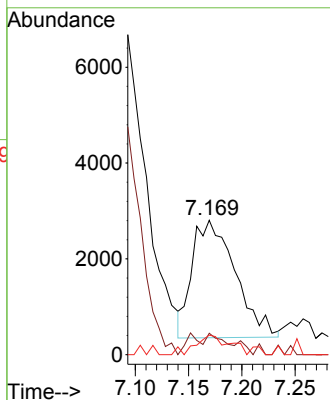
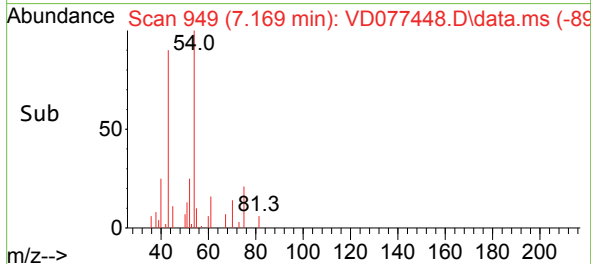


#37
Ethyl Acetate
Concen: 2.160 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Instrument :
MSVOA_D
ClientSampleId :

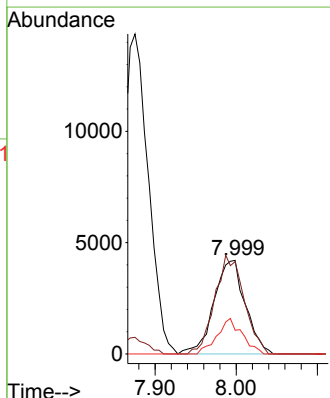
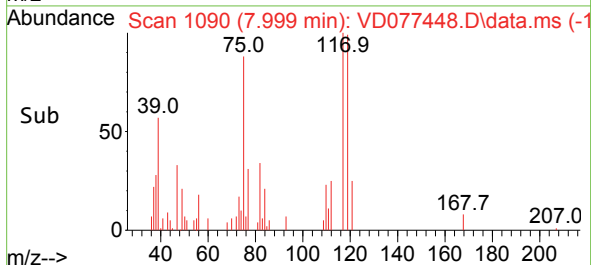
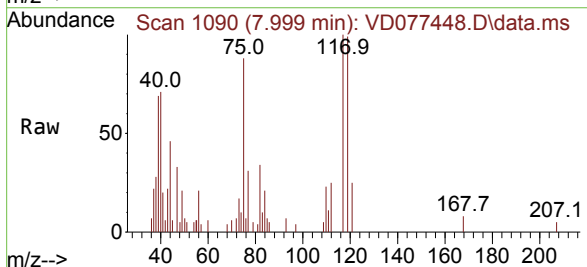


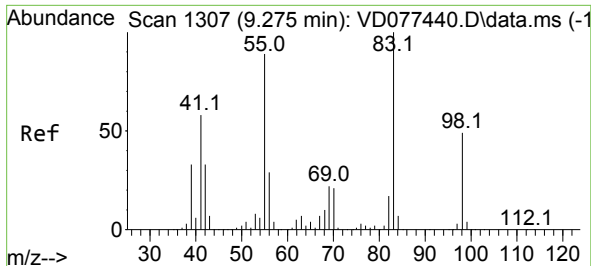
Tgt Ion: 43 Resp: 6885
Ion Ratio Lower Upper
43 100
61 10.1 14.9 22.3#
70 13.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 2.166 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 117 Resp: 11338
Ion Ratio Lower Upper
117 100
119 98.6 78.0 117.0
121 25.3 24.2 36.2





#39

Methylcyclohexane

Concen: 2.057 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :

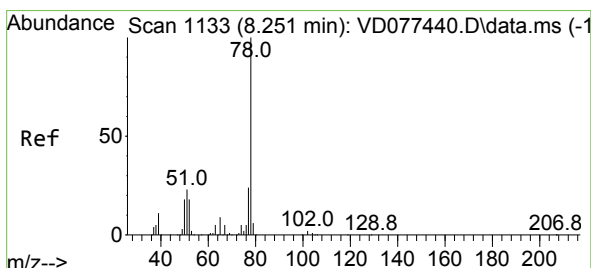
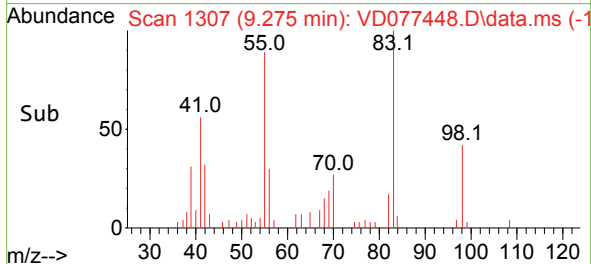
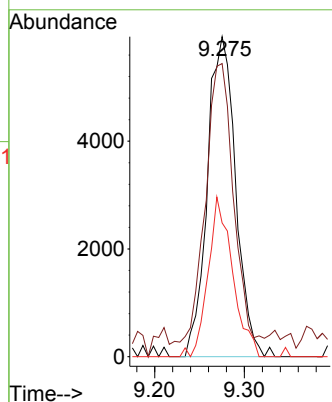
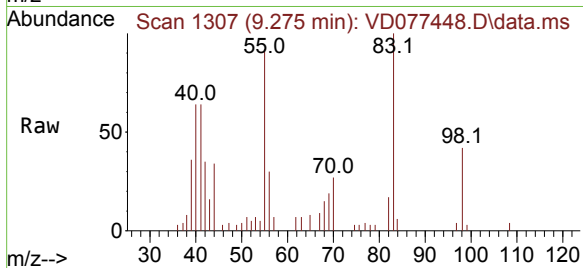
Tgt Ion: 83 Resp: 13041

Ion Ratio Lower Upper

83 100

55 87.1 49.4 74.0#

98 41.8 38.4 57.6



#40

Benzene

Concen: 2.147 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077448.D

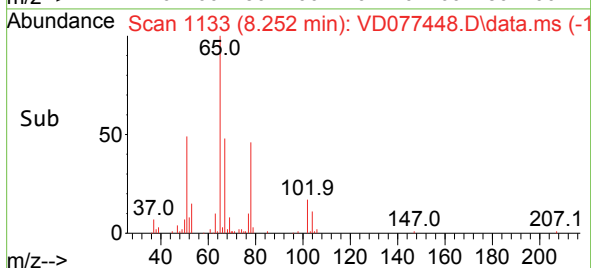
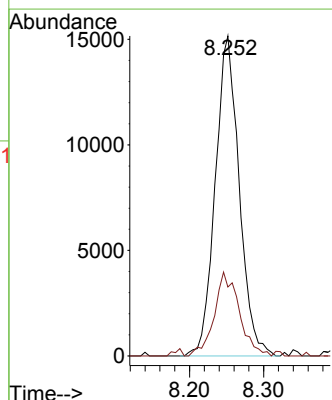
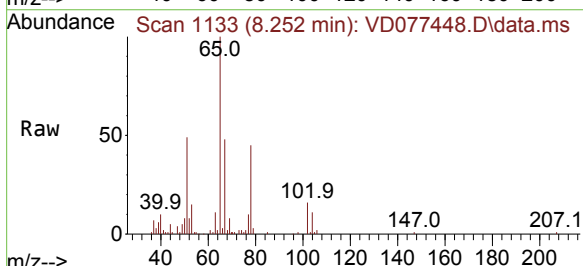
Acq: 30 Oct 2023 15:33

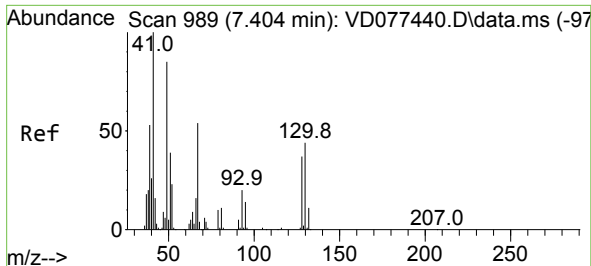
Tgt Ion: 78 Resp: 34018

Ion Ratio Lower Upper

78 100

77 20.2 19.4 29.0

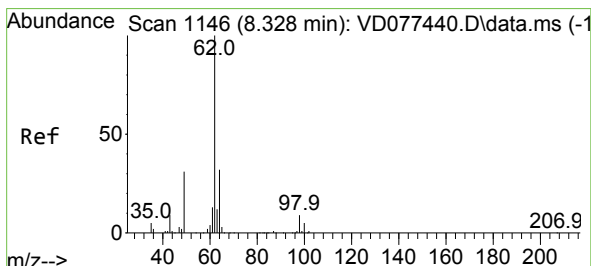
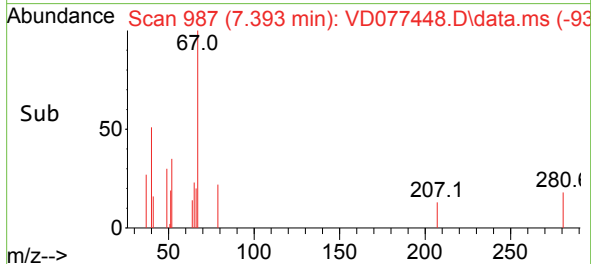
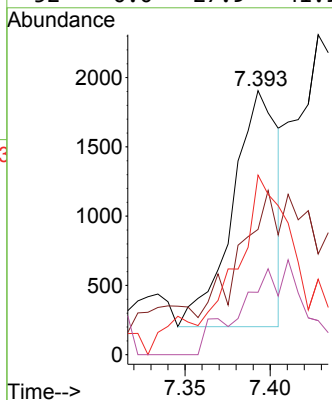
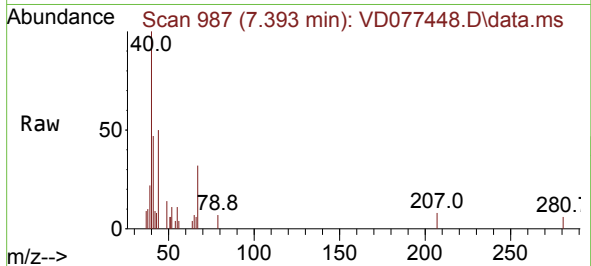




#41
Methacrylonitrile
Concen: 1.540 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

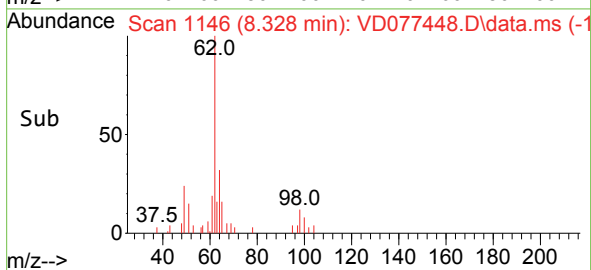
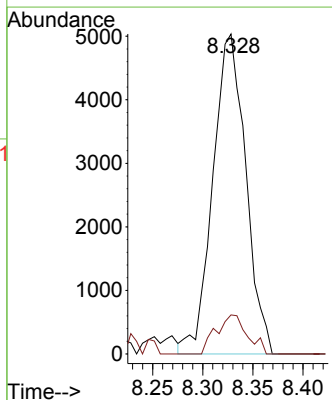
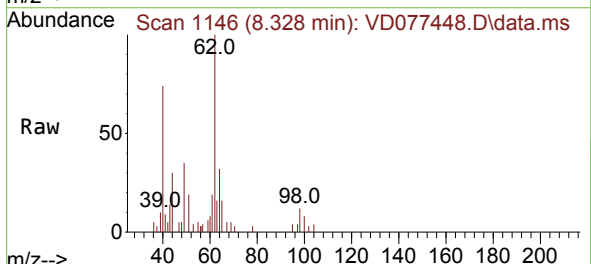
Instrument :
MSVOA_D
ClientSampleId :

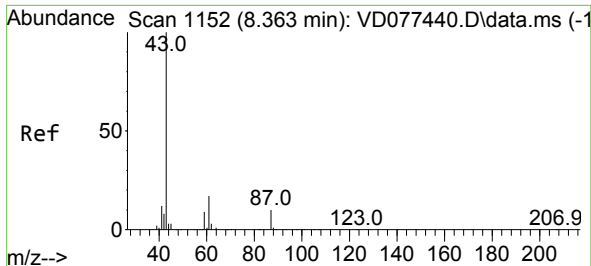
Tgt Ion:	41	Resp:	3142
Ion	Ratio	Lower	Upper
41	100		
39	50.5	34.0	51.0
67	109.5	77.0	115.4
52	0.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 2.290 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:	62	Resp:	11489
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

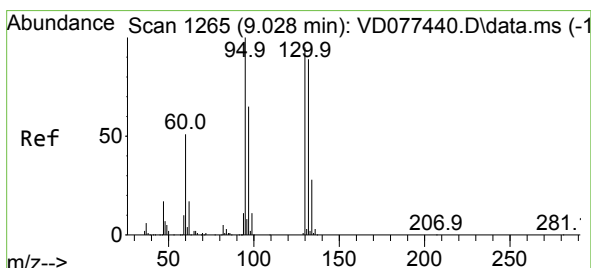
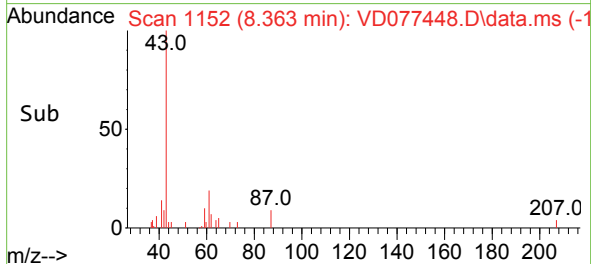
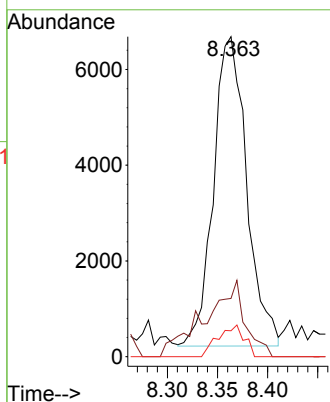
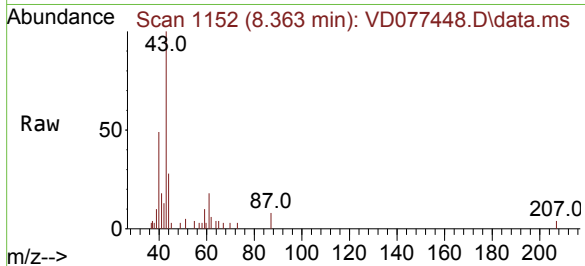




#43
Isopropyl Acetate
Concen: 2.256 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

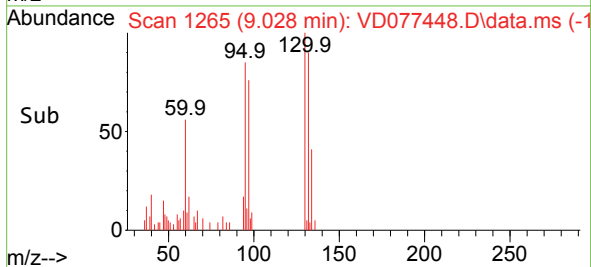
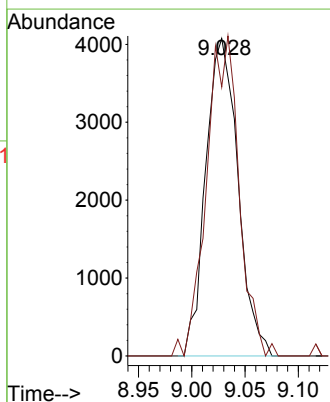
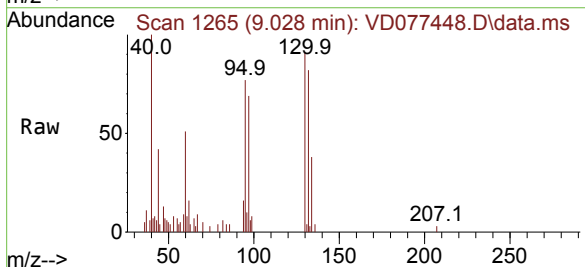
Instrument :
MSVOA_D
ClientSampleId :

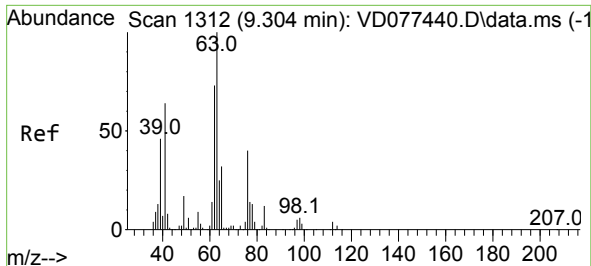
Tgt Ion: 43 Resp: 14842
Ion Ratio Lower Upper
43 100
61 29.9 31.4 47.0#
87 8.1 14.9 22.3#



#44
Trichloroethene
Concen: 2.207 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:130 Resp: 8562
Ion Ratio Lower Upper
130 100
95 84.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 2.282 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

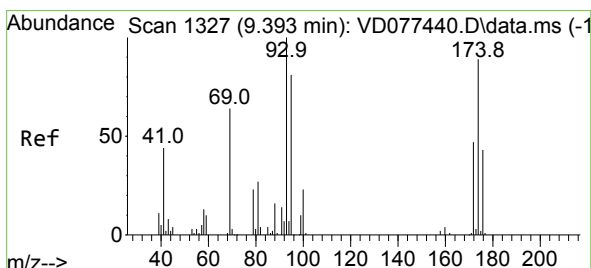
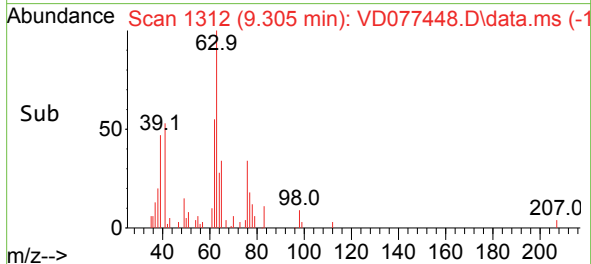
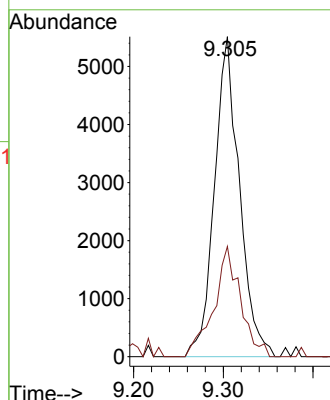
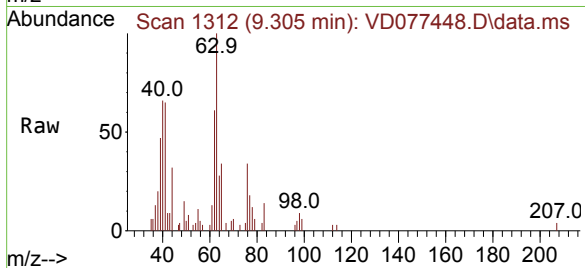
ClientSampleId :

Tgt Ion: 63 Resp: 10641

Ion Ratio Lower Upper

63 100

65 34.4 24.5 36.7



#46

Dibromomethane

Concen: 2.273 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

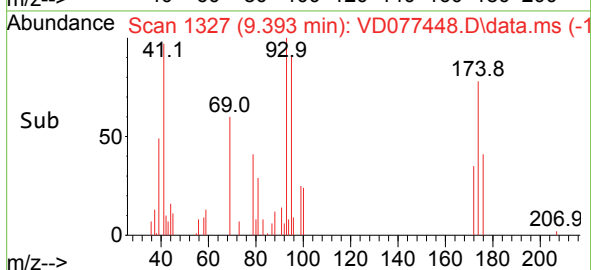
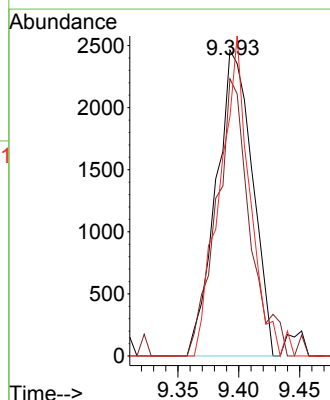
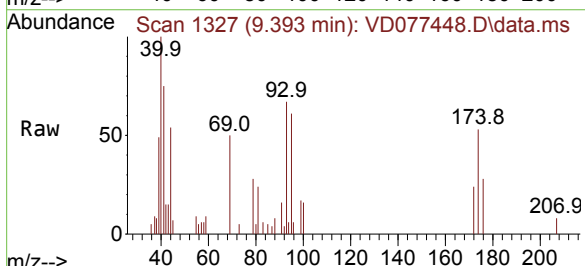
Tgt Ion: 93 Resp: 5101

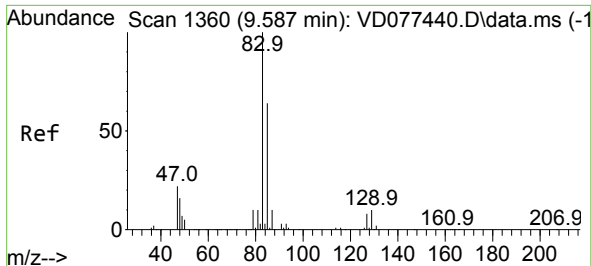
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 87.3 85.4 128.2

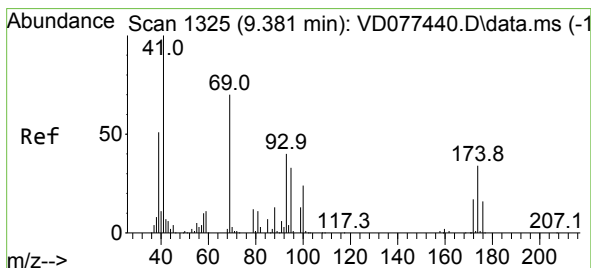
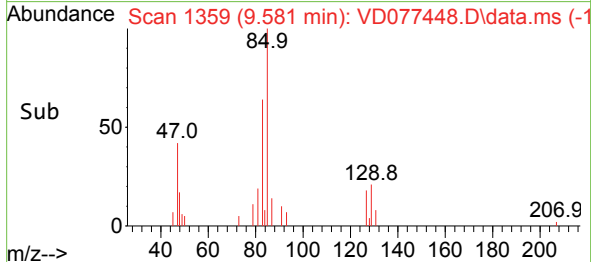
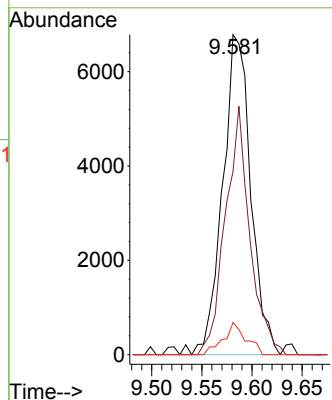
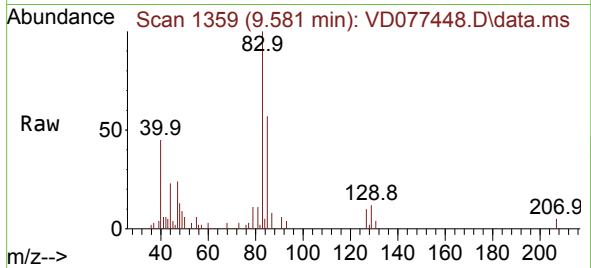




#47
Bromodichloromethane
Concen: 2.232 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

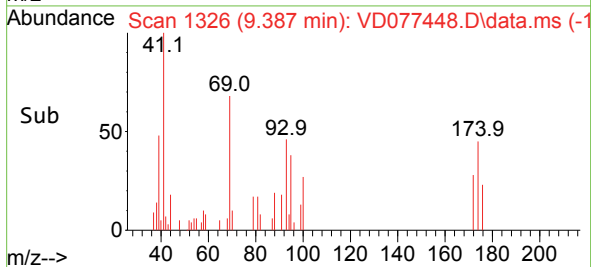
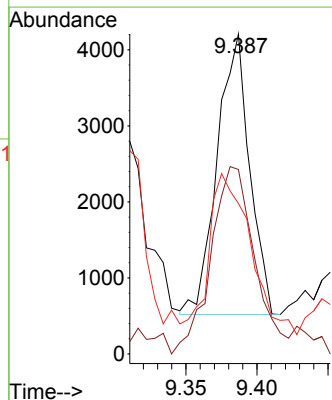
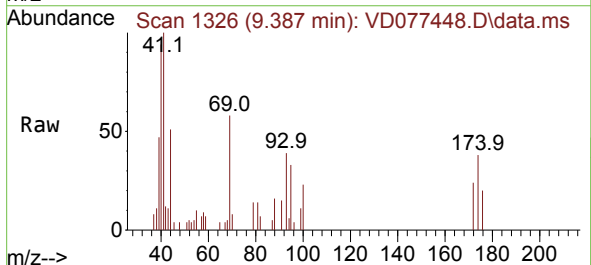
Instrument :
MSVOA_D
ClientSampleId :

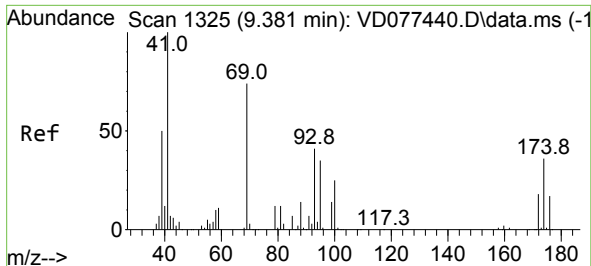
Tgt Ion: 83 Resp: 13241
Ion Ratio Lower Upper
83 100
85 57.3 50.2 75.4
127 10.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 1.861 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 41 Resp: 5846
Ion Ratio Lower Upper
41 100
69 89.9 102.2 153.2#
39 73.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 48.639 ug/l

RT: 9.387 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :

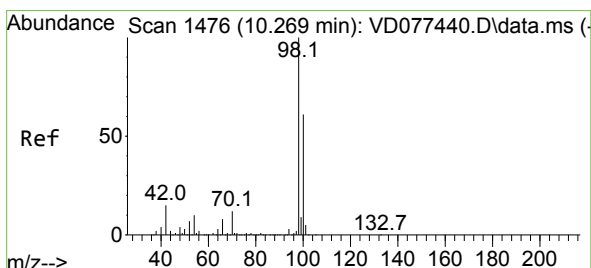
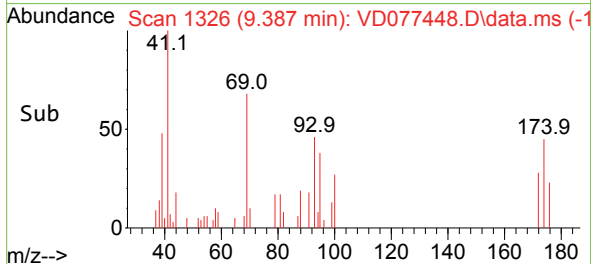
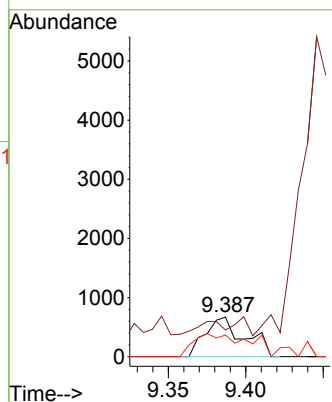
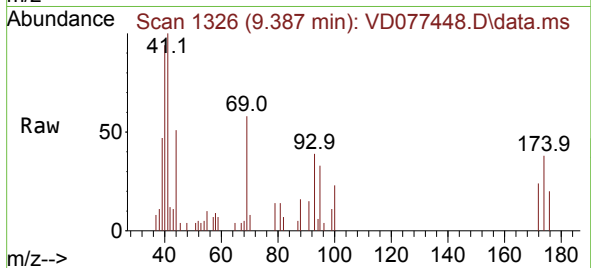
Tgt Ion: 88 Resp: 1173

Ion Ratio Lower Upper

88 100

43 25.5 19.0 28.6

58 85.7 43.5 65.3#



#50

Toluene-d8

Concen: 50.415 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077448.D

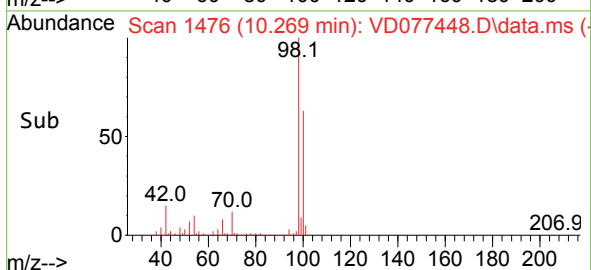
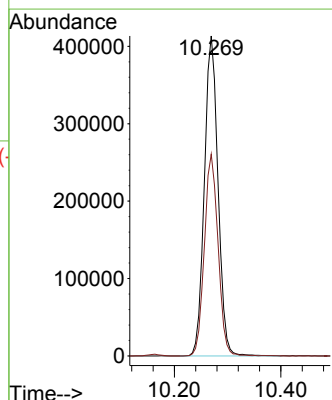
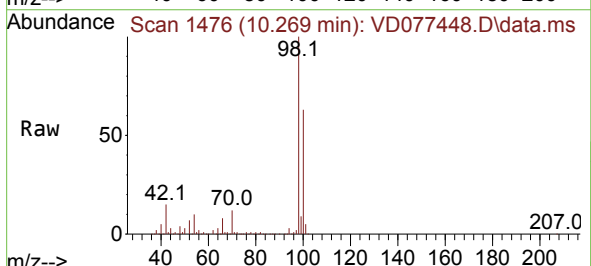
Acq: 30 Oct 2023 15:33

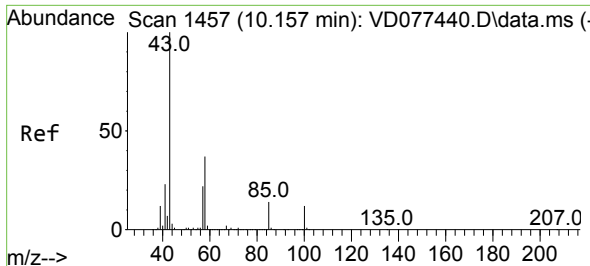
Tgt Ion: 98 Resp: 733724

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 11.391 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

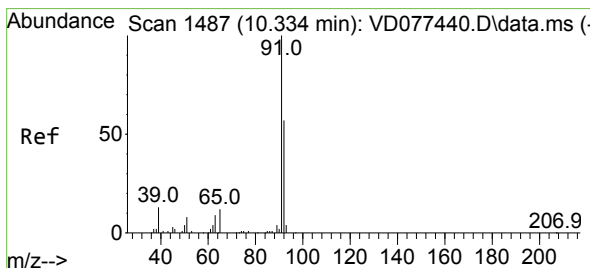
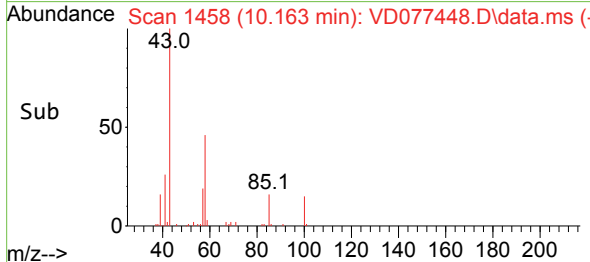
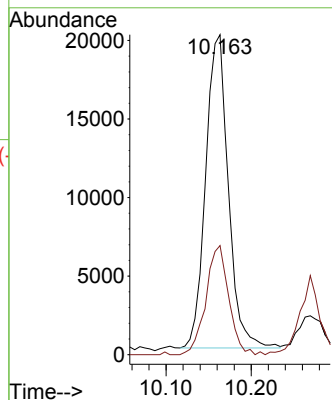
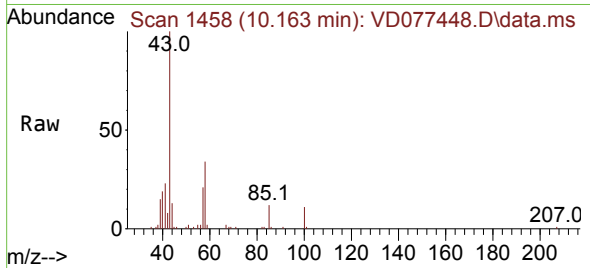
ClientSampleId :

Tgt Ion: 43 Resp: 36888

Ion Ratio Lower Upper

43 100

58 35.1 38.9 58.3#



#52

Toluene

Concen: 2.106 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077448.D

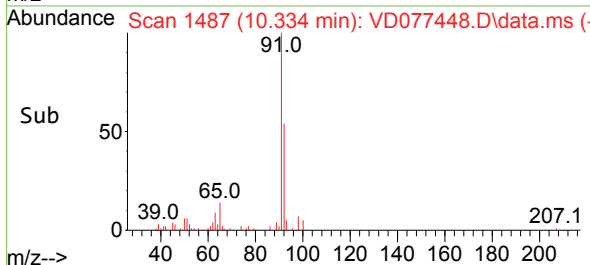
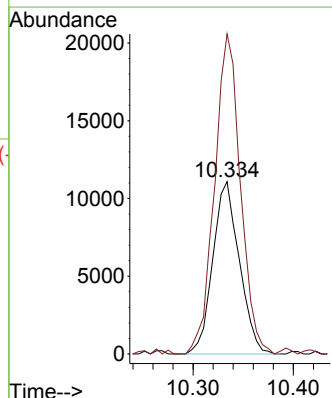
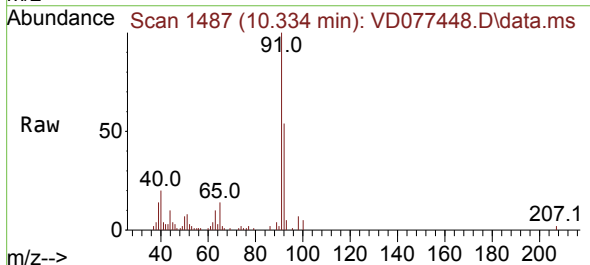
Acq: 30 Oct 2023 15:33

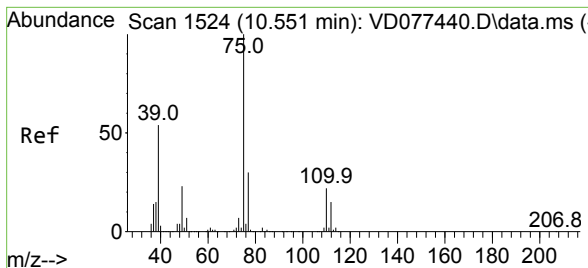
Tgt Ion: 92 Resp: 20342

Ion Ratio Lower Upper

92 100

91 181.5 143.0 214.4

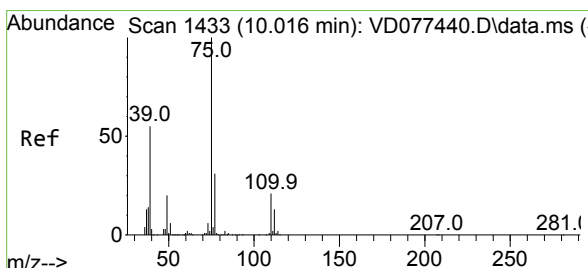
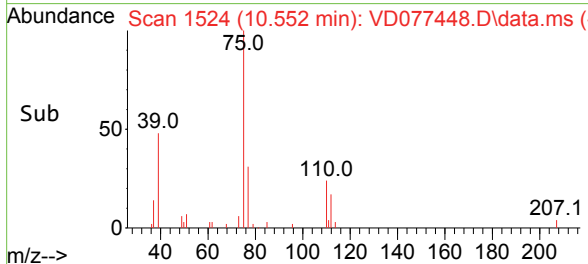
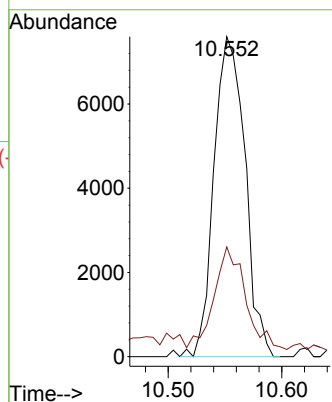
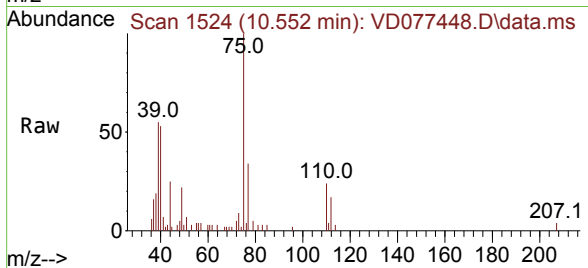




#53
 t-1,3-Dichloropropene
 Concen: 2.290 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

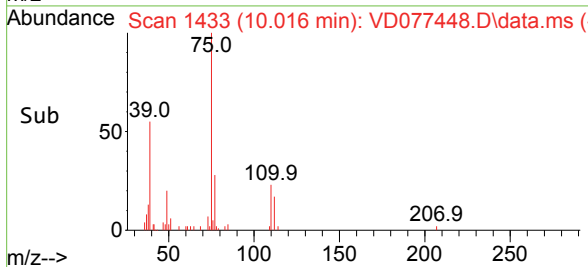
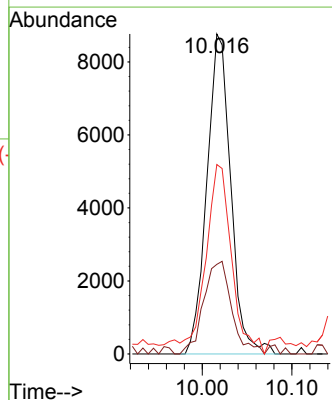
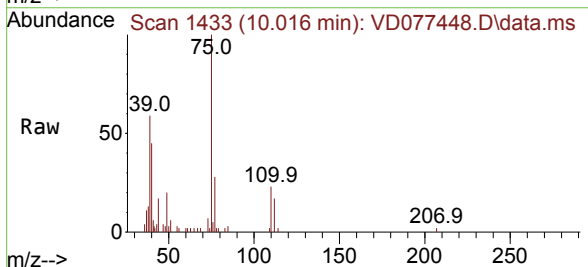
Instrument :
 MSVOA_D
 ClientSampleId :

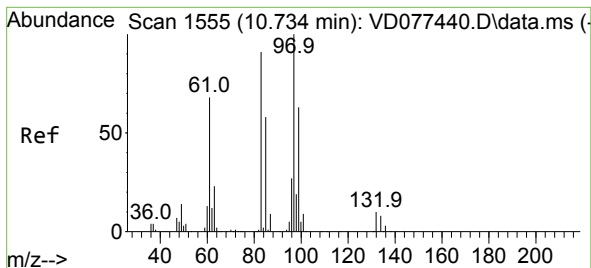
Tgt Ion: 75 Resp: 14386
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 2.243 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion: 75 Resp: 16213
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.5 38.3
 39 55.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 2.441 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

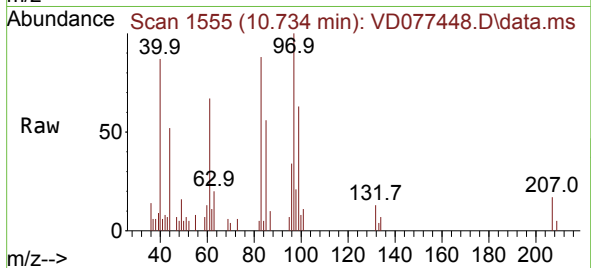
Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 7308

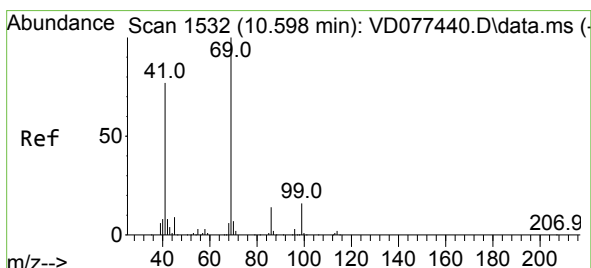
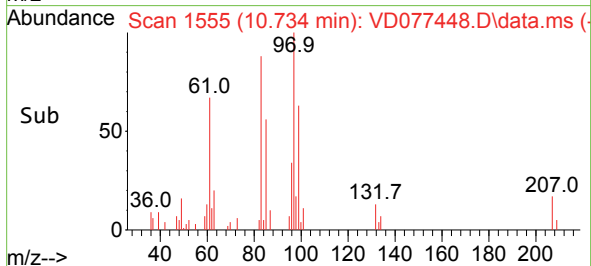
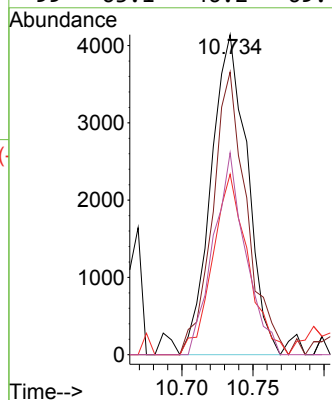
Ion Ratio Lower Upper

97 100

83 88.4 65.8 98.6

85 56.4 45.7 68.5

99 63.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 2.254 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

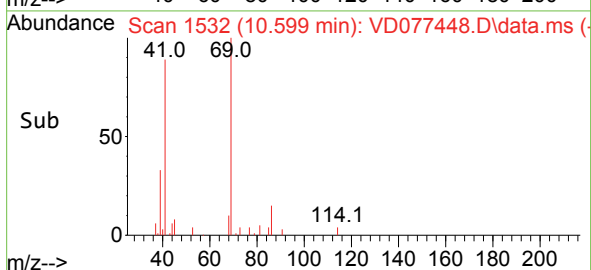
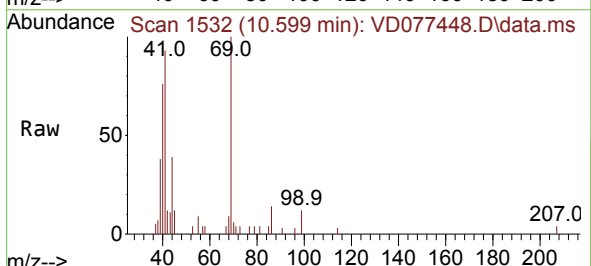
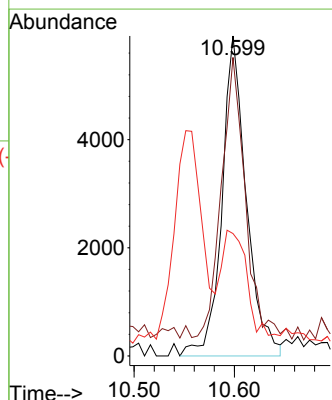
Tgt Ion: 69 Resp: 10034

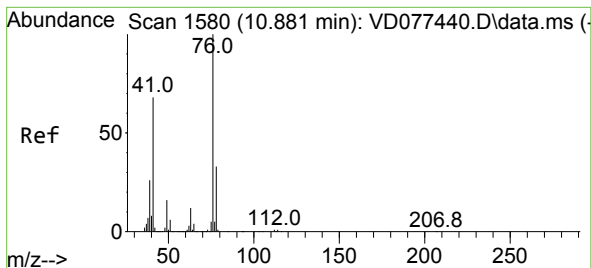
Ion Ratio Lower Upper

69 100

41 86.2 39.1 58.7#

39 35.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 2.251 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

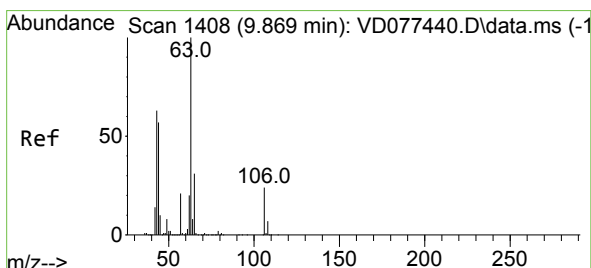
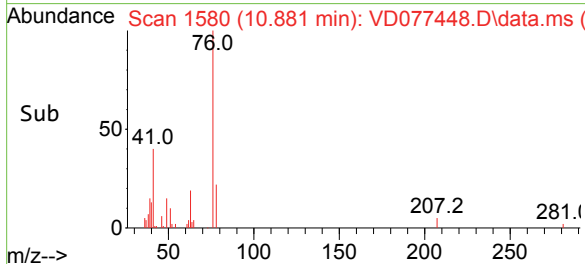
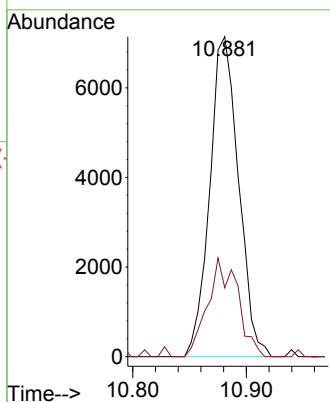
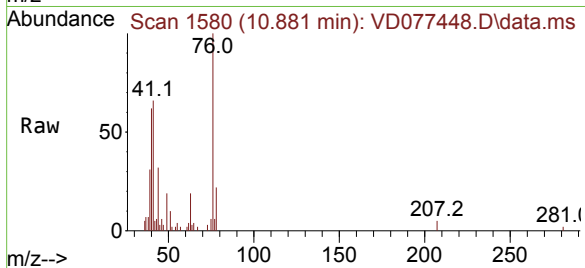
ClientSampleId :

Tgt Ion: 76 Resp: 12599

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 9.265 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077448.D

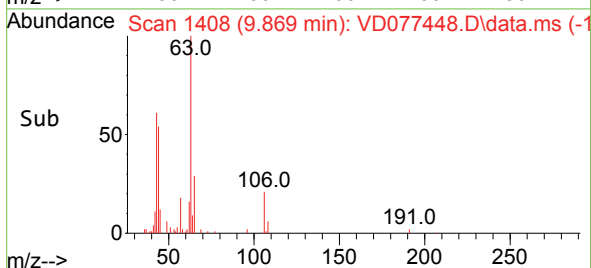
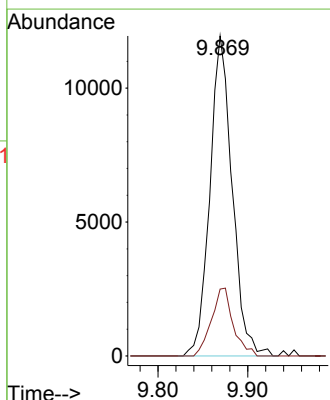
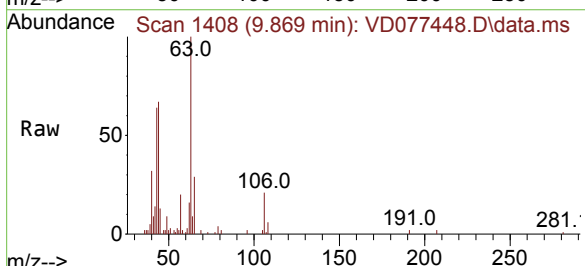
Acq: 30 Oct 2023 15:33

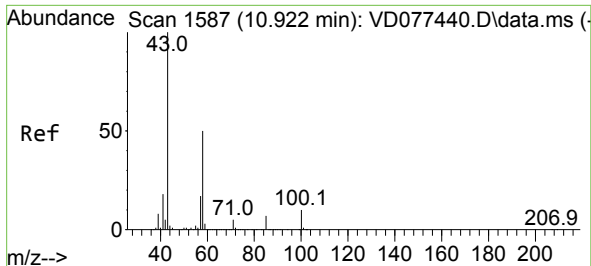
Tgt Ion: 63 Resp: 20650

Ion Ratio Lower Upper

63 100

106 20.6 25.3 37.9

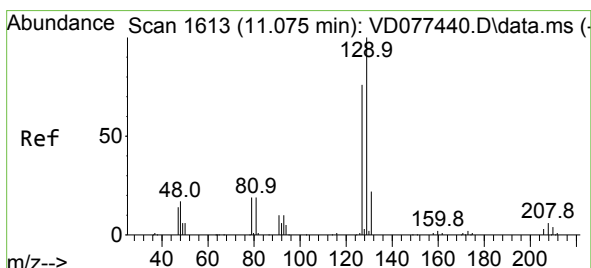
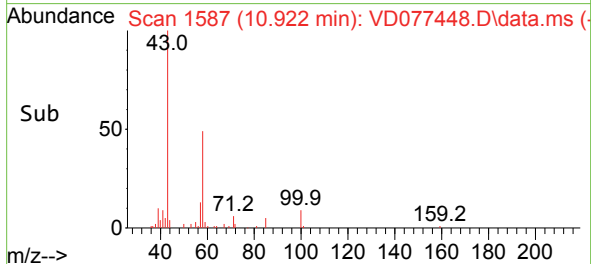
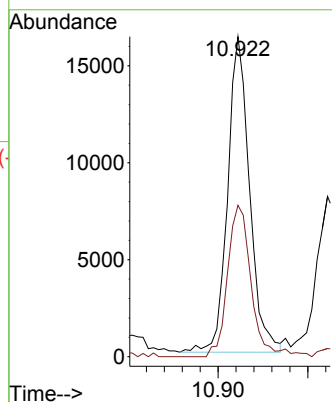
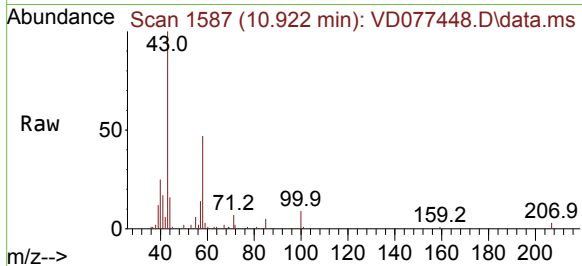




#59
2-Hexanone
Concen: 11.575 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

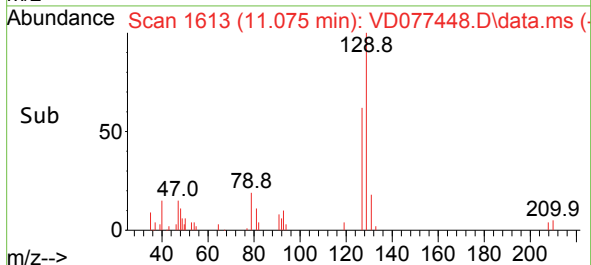
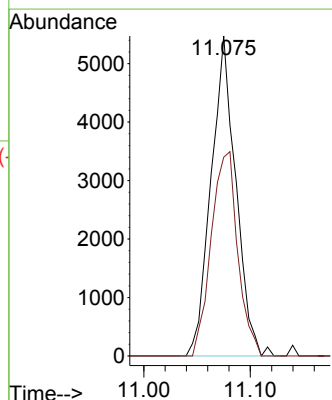
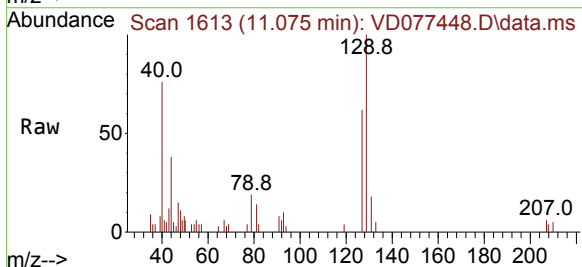
Instrument :
MSVOA_D
ClientSampleId :

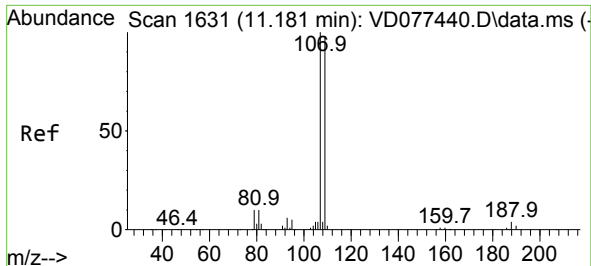
Tgt Ion: 43 Resp: 27614
Ion Ratio Lower Upper
43 100
58 51.8 34.1 102.2



#60
Dibromochloromethane
Concen: 2.456 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 129 Resp: 8842
Ion Ratio Lower Upper
129 100
127 68.3 37.1 111.5

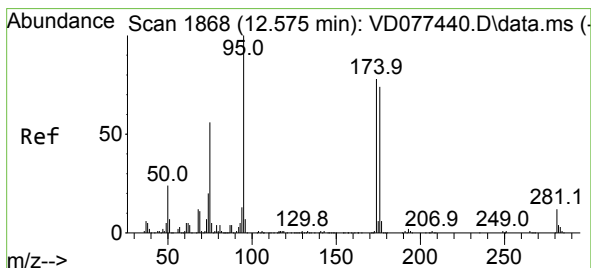
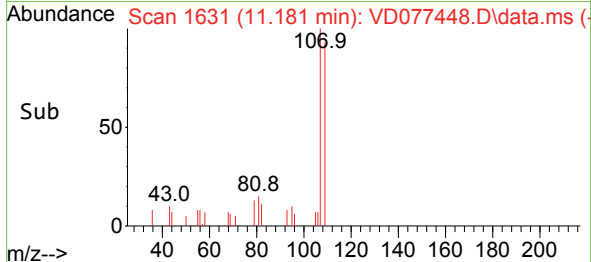
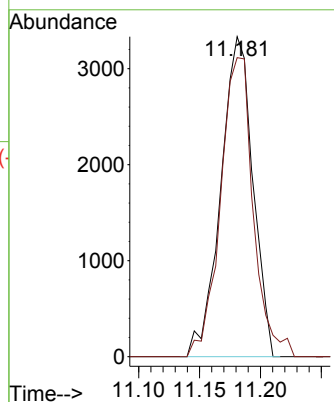
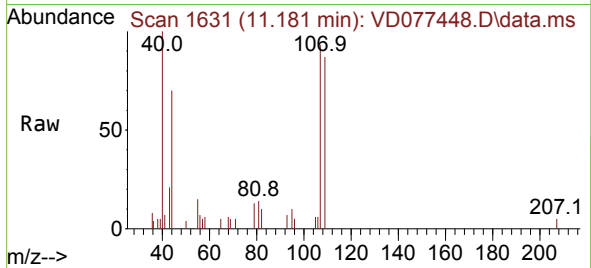




#61
1,2-Dibromoethane
Concen: 2.155 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

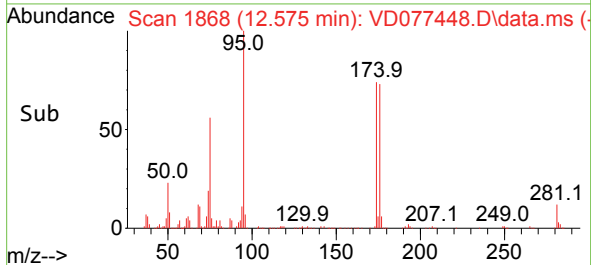
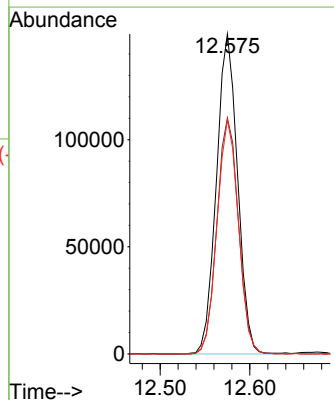
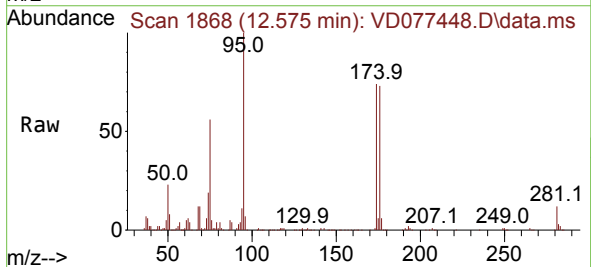
Instrument :
MSVOA_D
ClientSampleId :

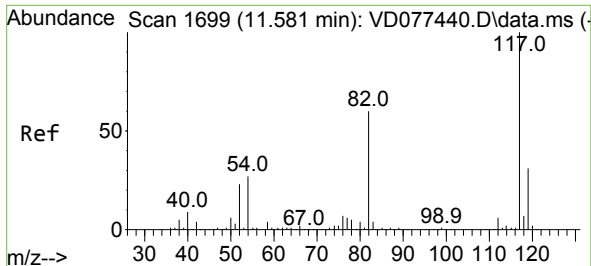
Tgt Ion:107 Resp: 6110
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.779 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 95 Resp: 244007
Ion Ratio Lower Upper
95 100
174 75.2 0.0 201.8
176 73.7 0.0 191.8

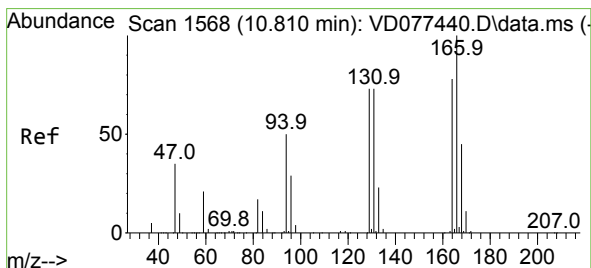
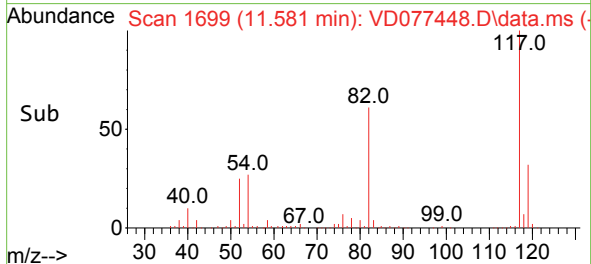
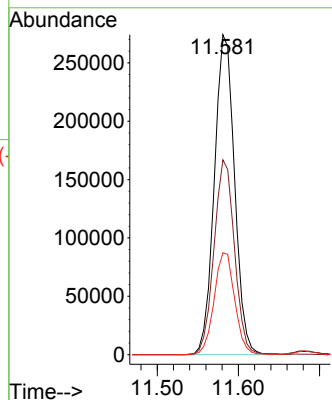
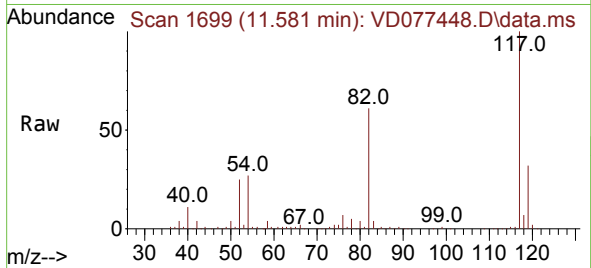




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

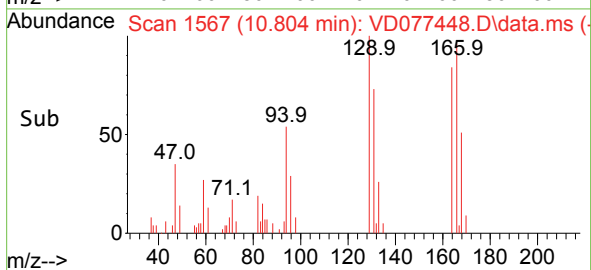
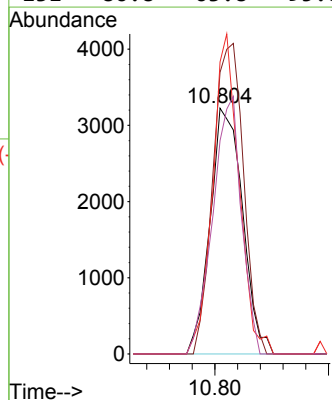
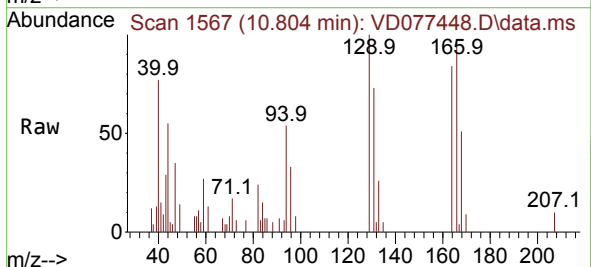
Instrument :
MSVOA_D
ClientSampleId :

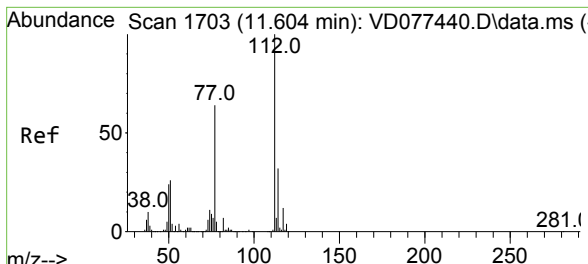
Tgt Ion:117 Resp: 475442
Ion Ratio Lower Upper
117 100
82 60.9 38.3 57.5#
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 2.112 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:164 Resp: 6394
Ion Ratio Lower Upper
164 100
166 114.6 99.2 148.8
129 118.8 68.4 102.6#
131 86.8 63.8 95.8

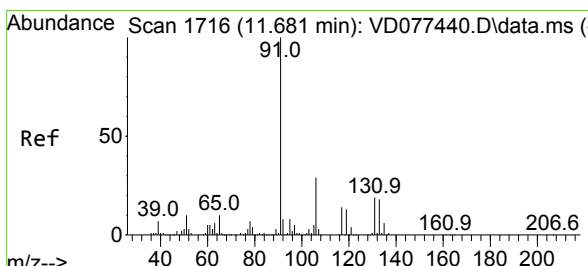
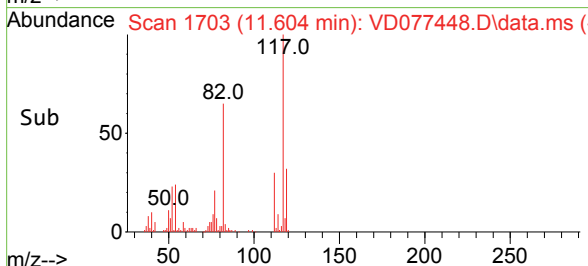
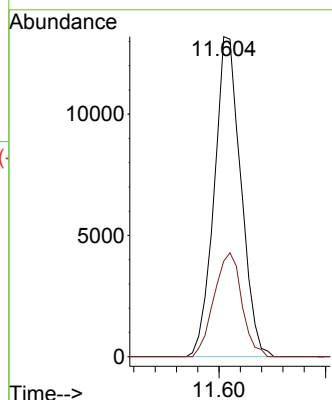
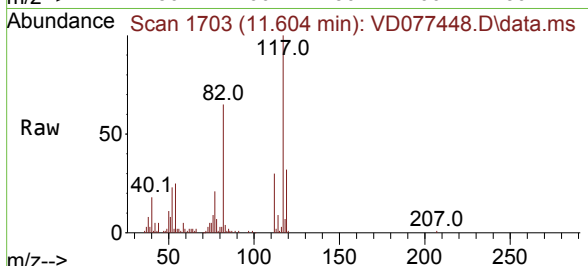




#65
Chlorobenzene
Concen: 2.297 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

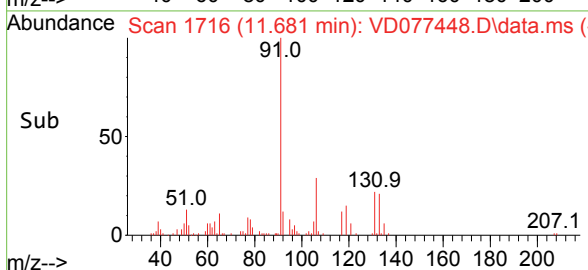
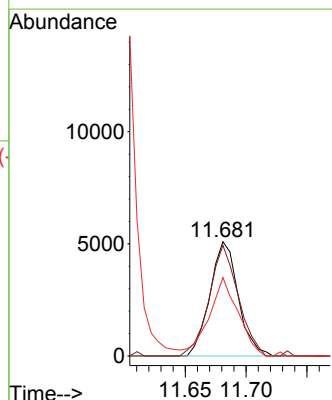
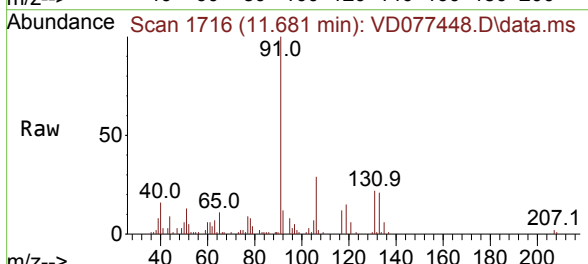
Instrument :
MSVOA_D
ClientSampleId :

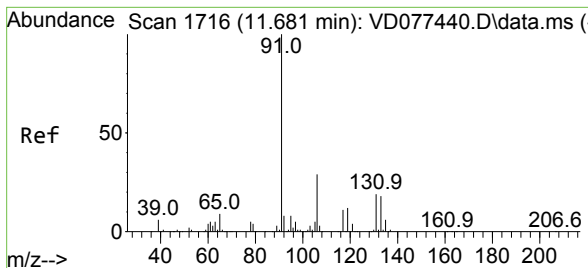
Tgt Ion:112 Resp: 22876
Ion Ratio Lower Upper
112 100
114 29.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.189 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:131 Resp: 8240
Ion Ratio Lower Upper
131 100
133 99.7 48.5 145.5
119 70.8 35.6 106.9





#67

Ethyl Benzene

Concen: 2.201 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

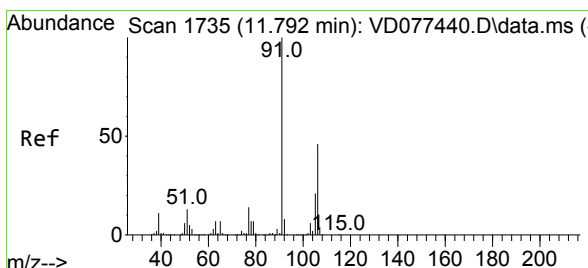
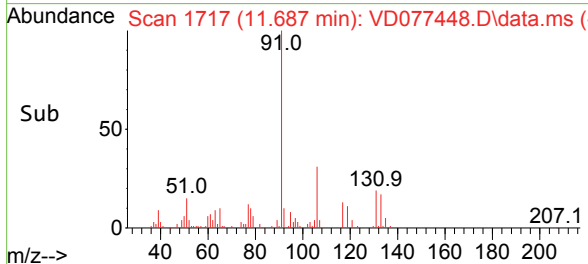
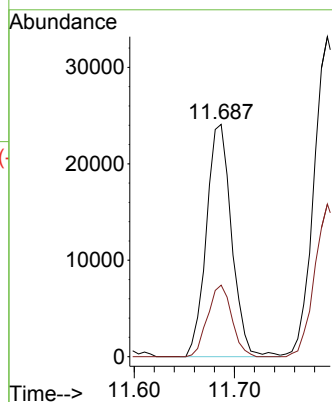
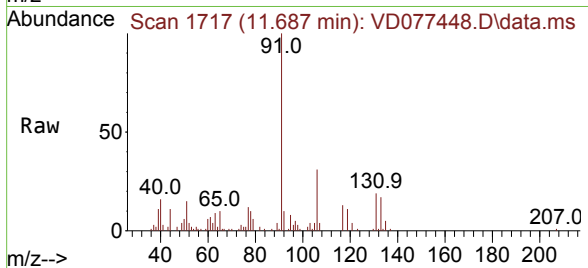
ClientSampleId :

Tgt Ion: 91 Resp: 42175

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 4.311 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077448.D

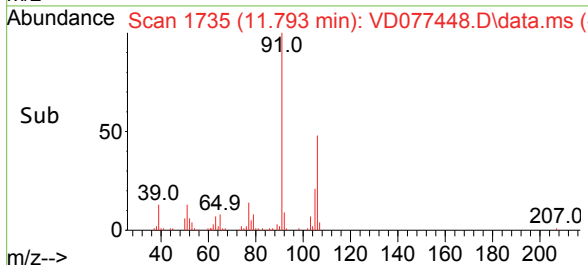
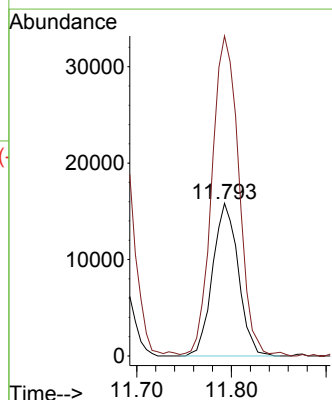
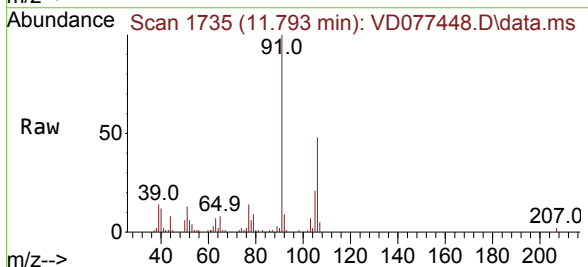
Acq: 30 Oct 2023 15:33

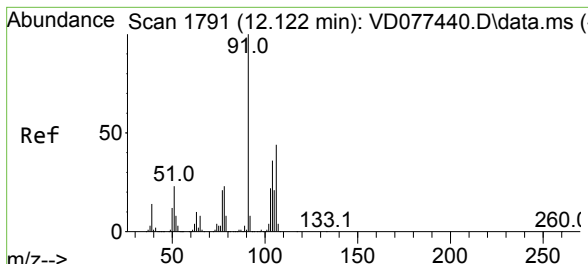
Tgt Ion: 106 Resp: 29837

Ion Ratio Lower Upper

106 100

91 220.1 147.0 220.6

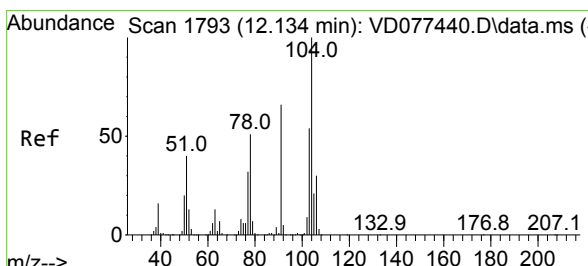
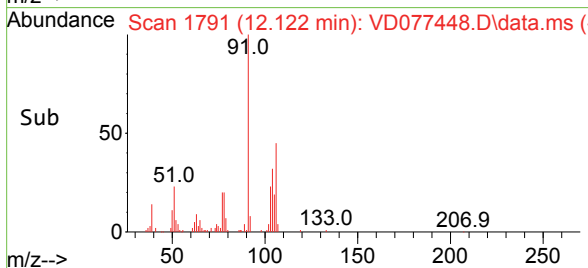
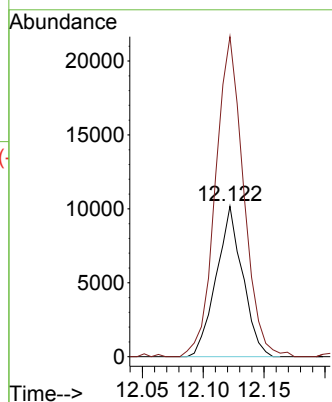
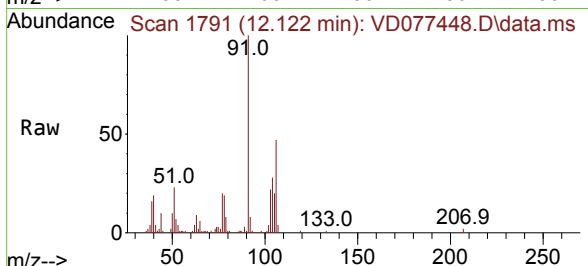




#69
o-Xylene
Concen: 2.318 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

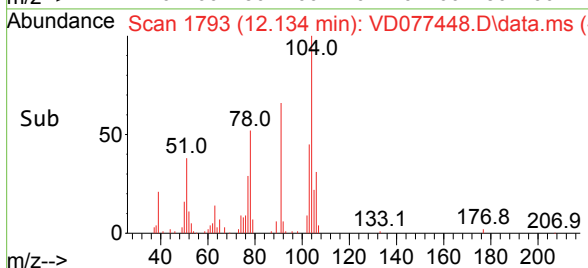
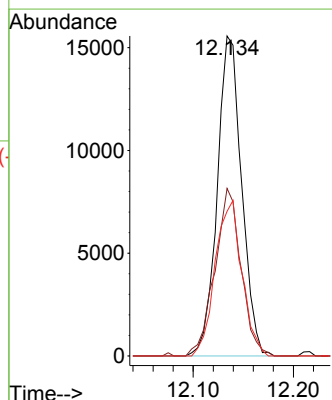
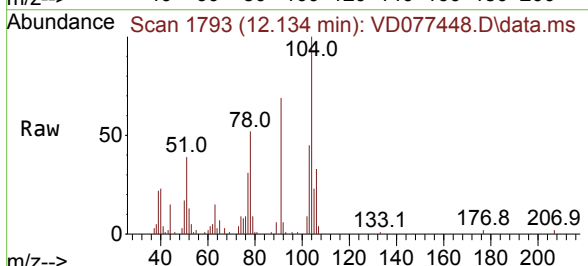
Instrument :
MSVOA_D
ClientSampleId :

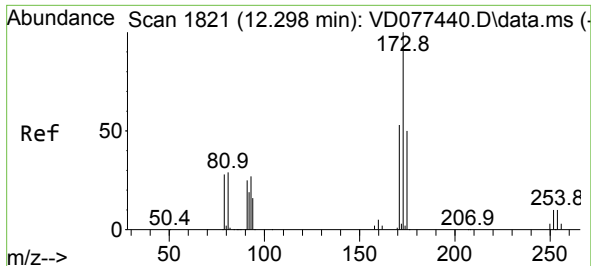
Tgt Ion:106 Resp: 15364
Ion Ratio Lower Upper
106 100
91 226.5 97.9 293.6



#70
Styrene
Concen: 2.300 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

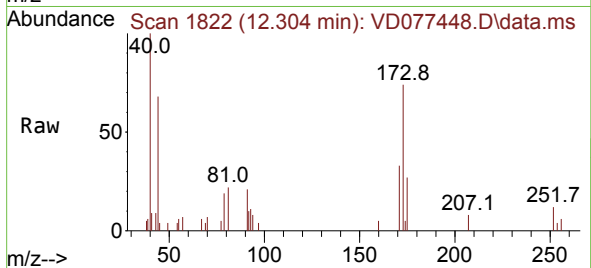
Tgt Ion:104 Resp: 26307
Ion Ratio Lower Upper
104 100
78 56.2 33.2 49.8#
103 53.2 43.6 65.4



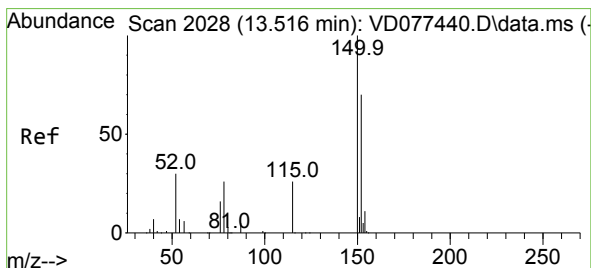
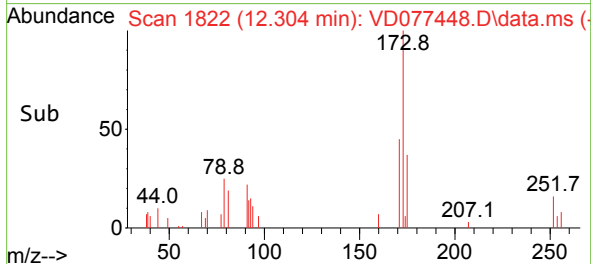
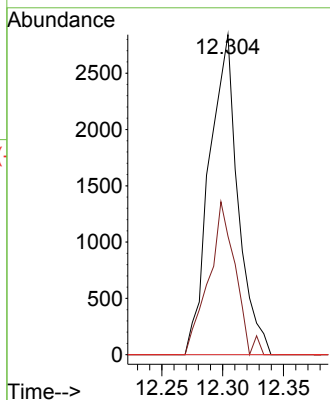


#71
Bromoform
Concen: 2.227 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Instrument :
MSVOA_D
ClientSampleId :

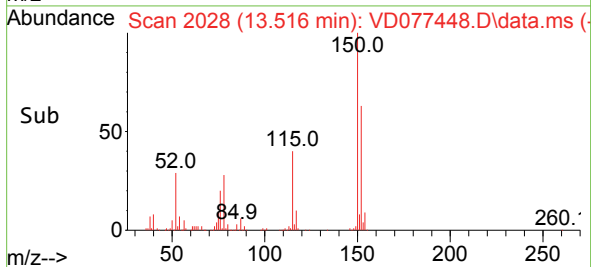
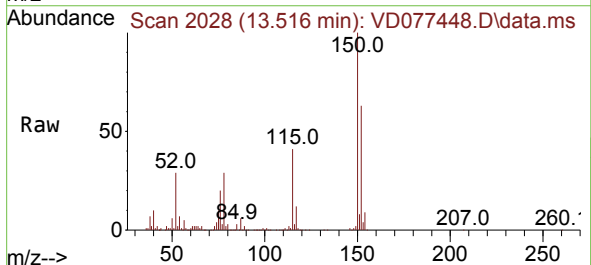
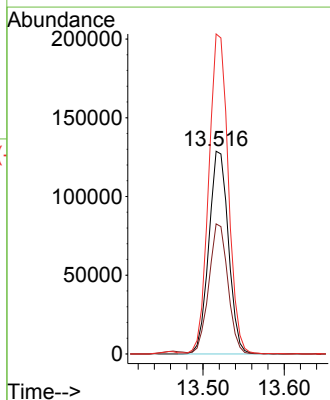


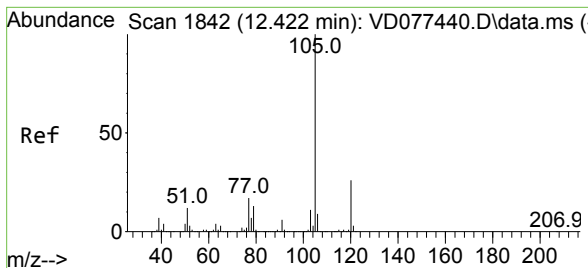
Tgt Ion:173 Resp: 4648
Ion Ratio Lower Upper
173 100
175 44.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion:152 Resp: 215629
Ion Ratio Lower Upper
152 100
115 62.6 27.1 81.3
150 157.2 0.0 353.6





#73

Isopropylbenzene

Concen: 2.185 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

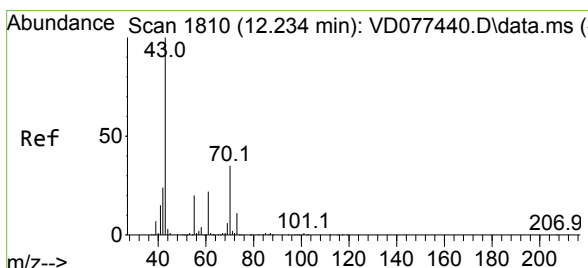
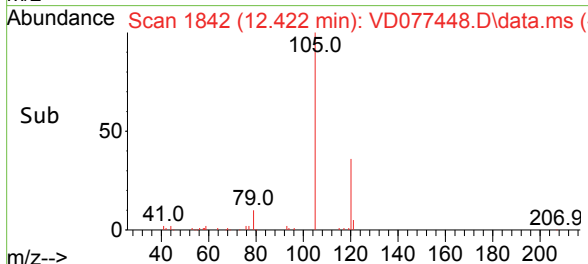
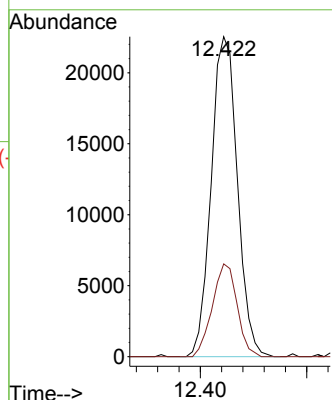
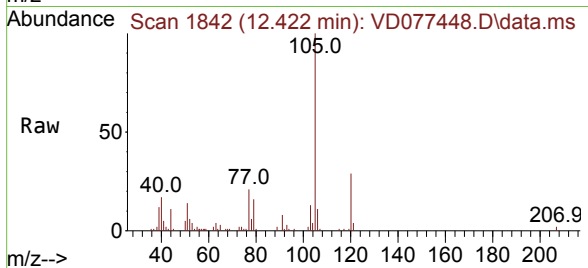
ClientSampleId :

Tgt Ion:105 Resp: 38412

Ion Ratio Lower Upper

105 100

120 27.4 14.3 42.9



#74

N-ethyl acetate

Concen: 2.182 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Tgt Ion: 43 Resp: 13587

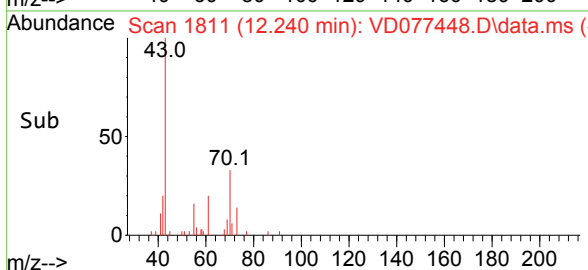
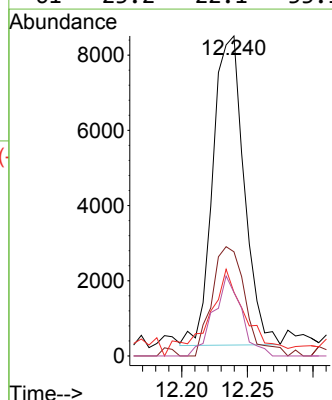
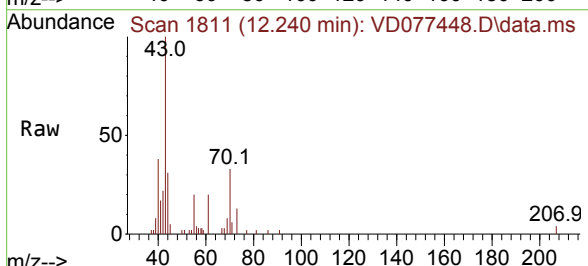
Ion Ratio Lower Upper

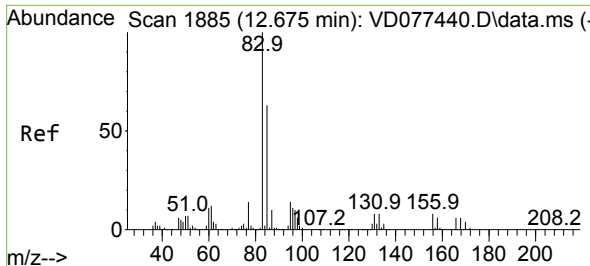
43 100

70 38.3 45.0 67.4#

55 33.9 23.8 35.6

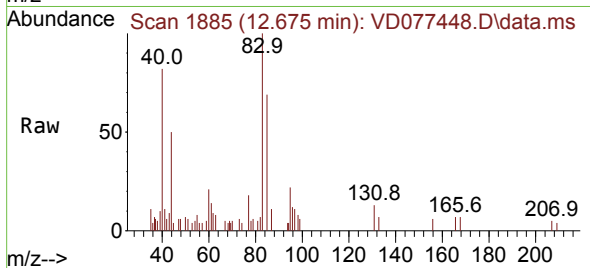
61 23.2 22.1 33.1



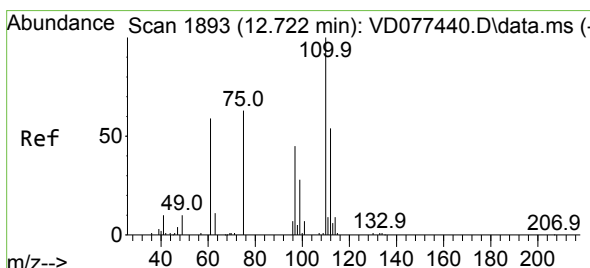
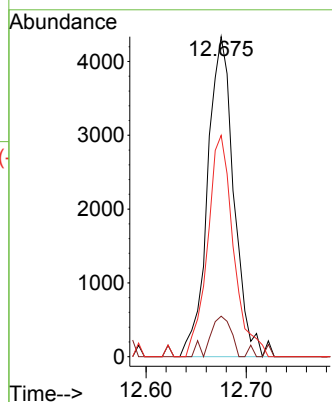
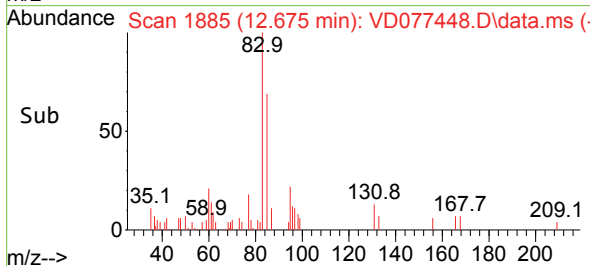


#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.296 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

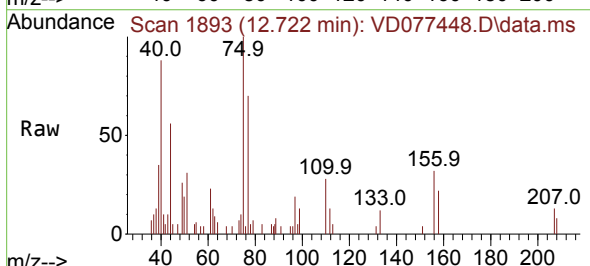
Instrument :
 MSVOA_D
 ClientSampleId :



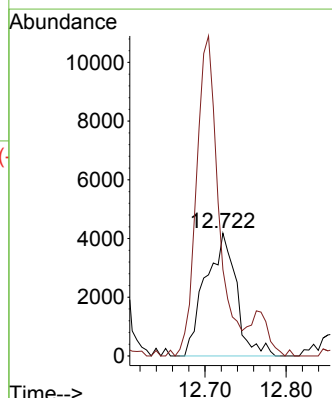
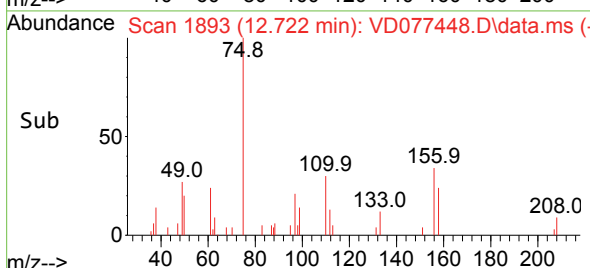
Tgt Ion: 83 Resp: 7913
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.3
 85 67.9 32.6 97.8

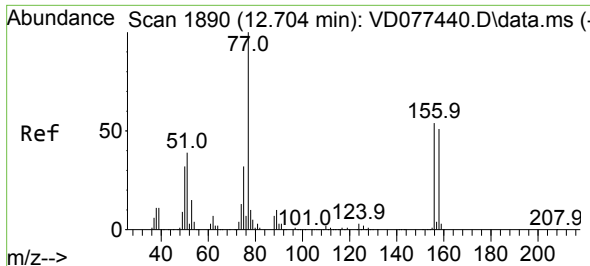


#76
 1,2,3-Trichloropropane
 Concen: 4.214 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33



Tgt Ion: 75 Resp: 11059
 Ion Ratio Lower Upper
 75 100
 77 186.7 0.0 0.0#

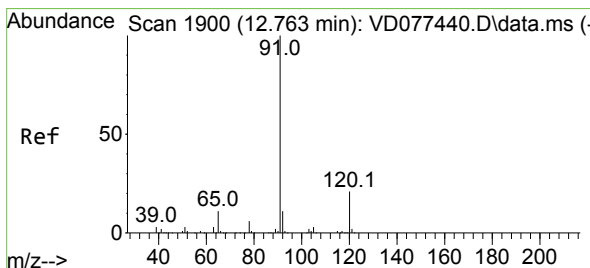
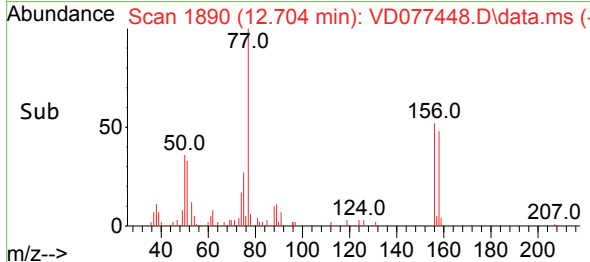
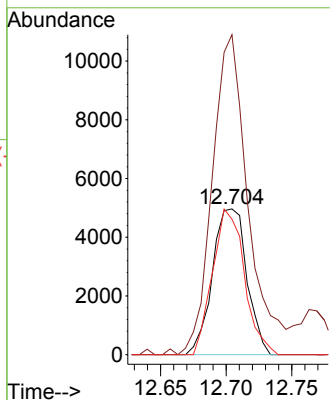
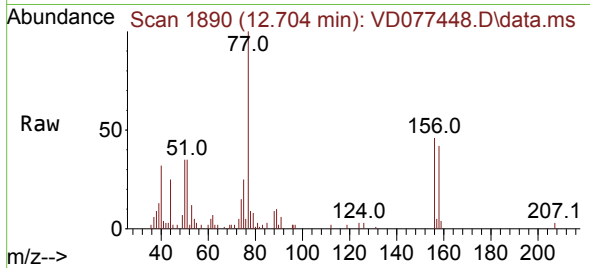




#77
Bromobenzene
Concen: 2.335 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

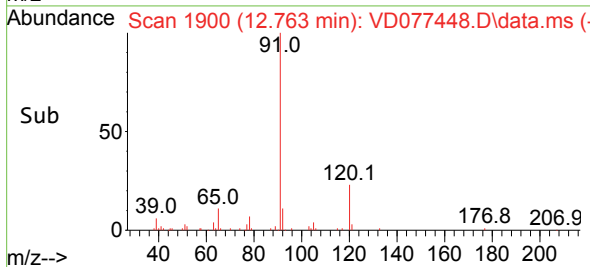
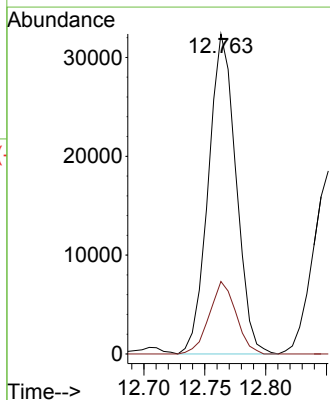
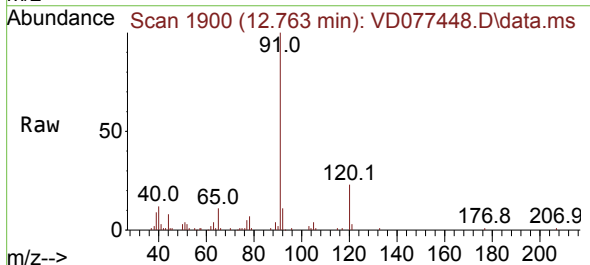
Instrument :
MSVOA_D
ClientSampleId :

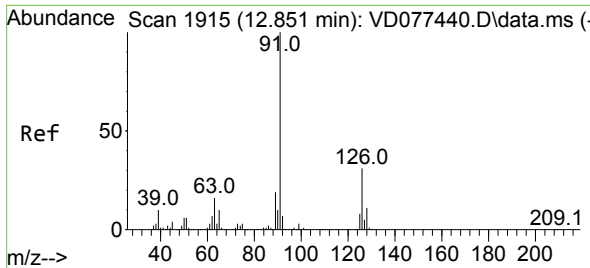
Tgt Ion:156 Resp: 9034
Ion Ratio Lower Upper
156 100
77 228.6 76.8 230.4
158 92.6 48.6 145.9



#78
n-propylbenzene
Concen: 2.290 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 91 Resp: 51128
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2

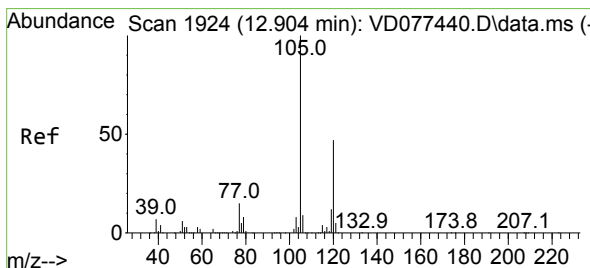
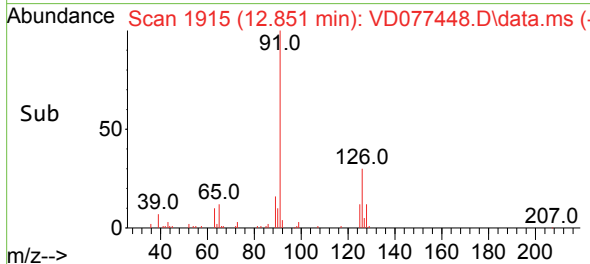
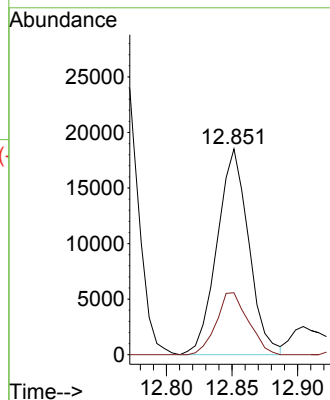
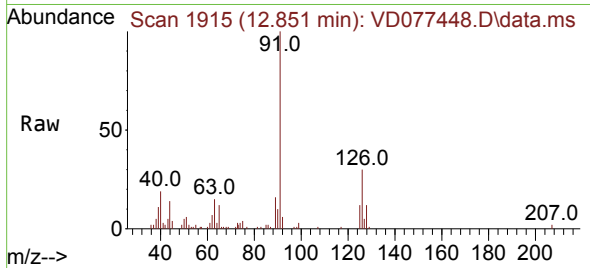




#79
2-Chlorotoluene
Concen: 2.464 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

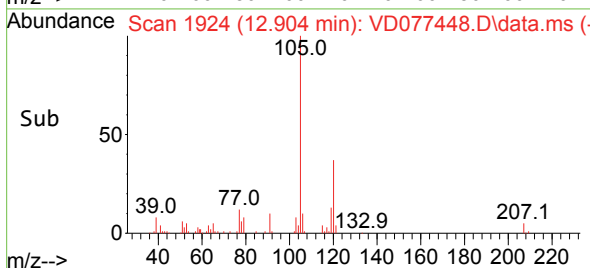
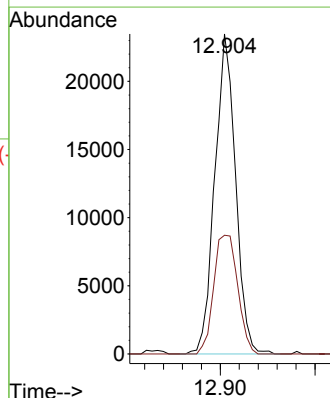
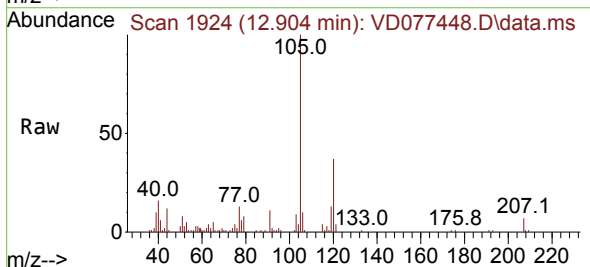
Instrument :
MSVOA_D
ClientSampleId :

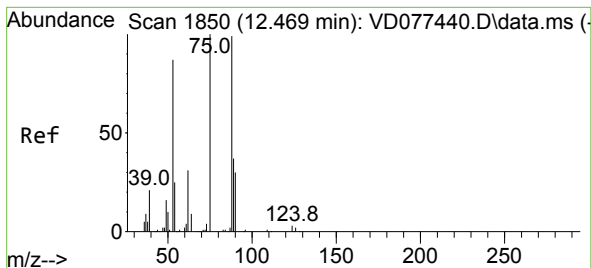
Tgt Ion: 91 Resp: 31146
Ion Ratio Lower Upper
91 100
126 30.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 2.422 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 105 Resp: 35723
Ion Ratio Lower Upper
105 100
120 42.9 26.4 79.2

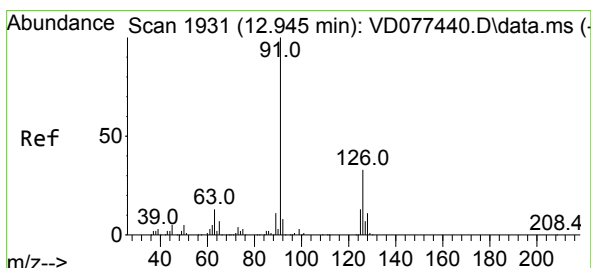
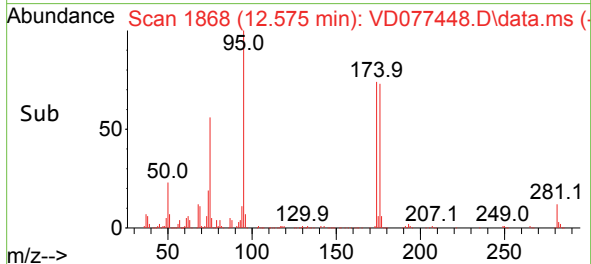
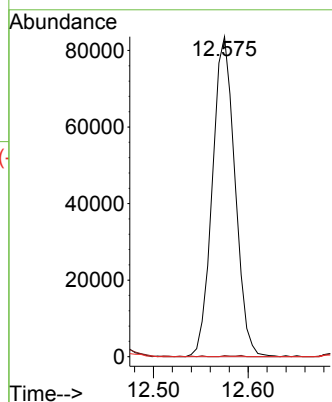
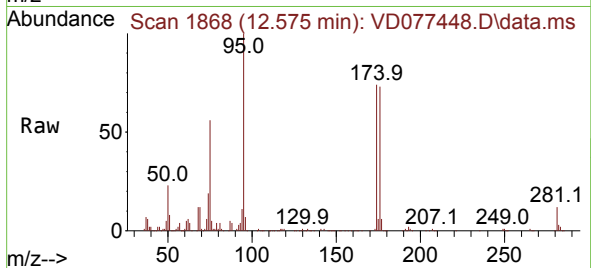




#81
trans-1,4-Dichloro-2-butene
Concen: 102.012 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

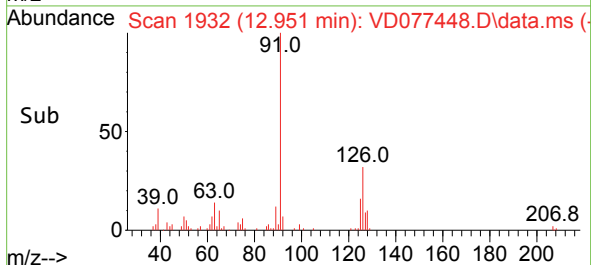
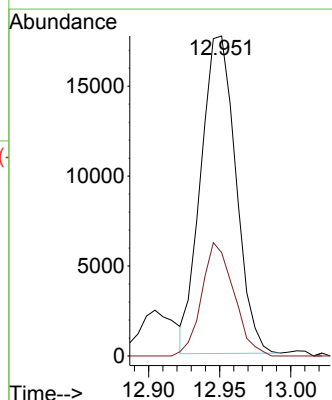
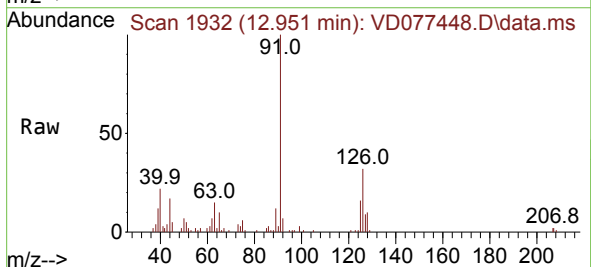
Instrument :
MSVOA_D
ClientSampleId :

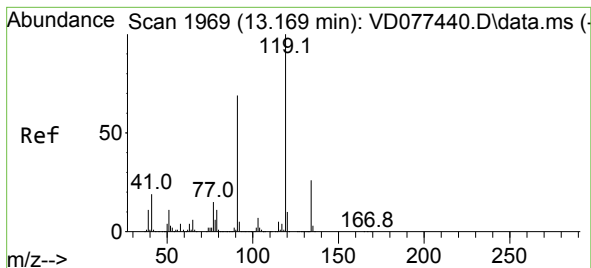
Tgt Ion: 75 Resp: 138599
Ion Ratio Lower Upper
75 100
53 0.3 63.0 94.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 2.299 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

Tgt Ion: 91 Resp: 30265
Ion Ratio Lower Upper
91 100
126 32.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 2.330 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :

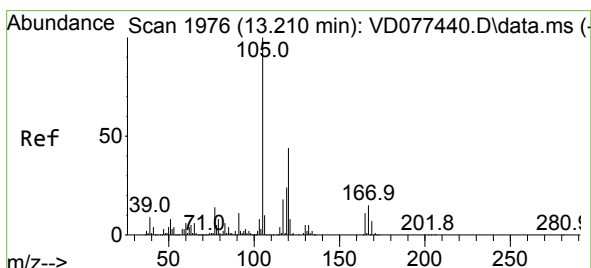
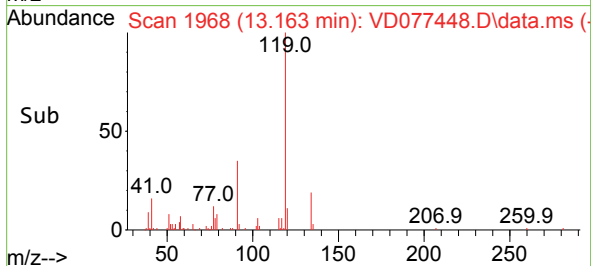
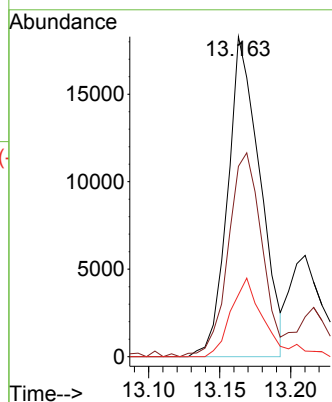
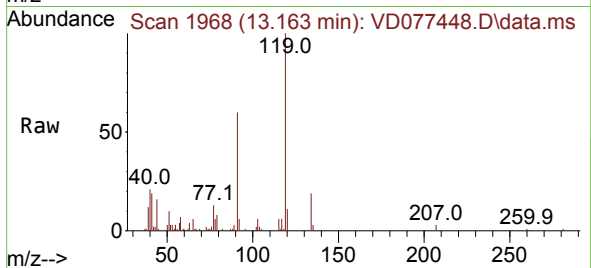
Tgt Ion:119 Resp: 28897

Ion Ratio Lower Upper

119 100

91 67.8 29.3 87.8

134 25.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 2.331 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077448.D

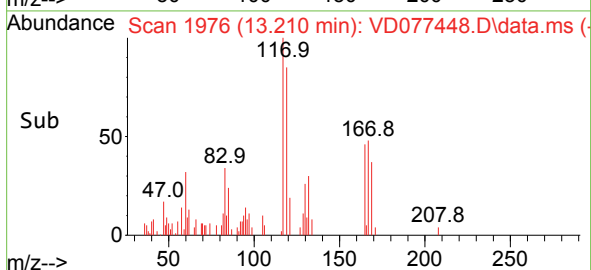
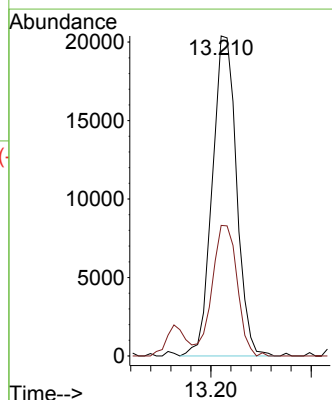
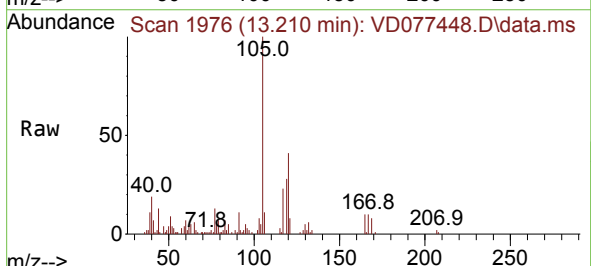
Acq: 30 Oct 2023 15:33

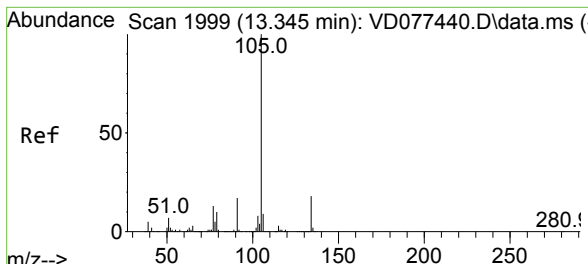
Tgt Ion:105 Resp: 34161

Ion Ratio Lower Upper

105 100

120 42.3 24.3 72.9

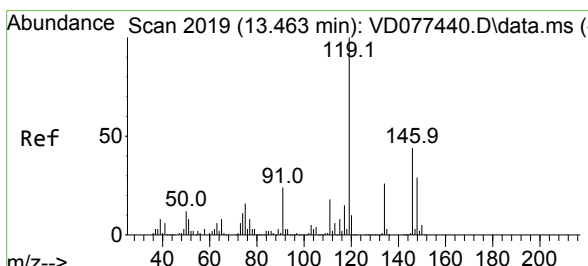
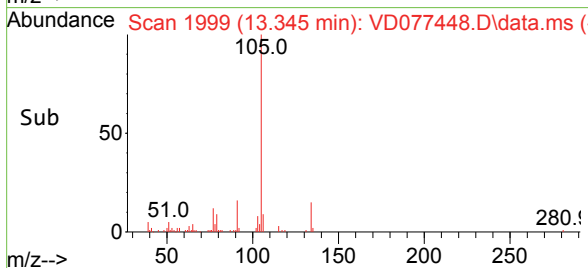
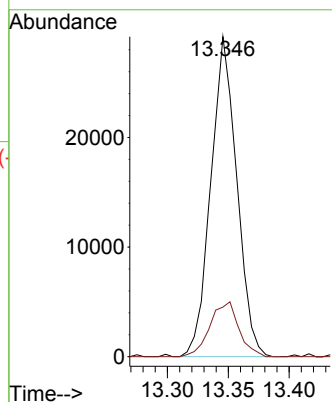
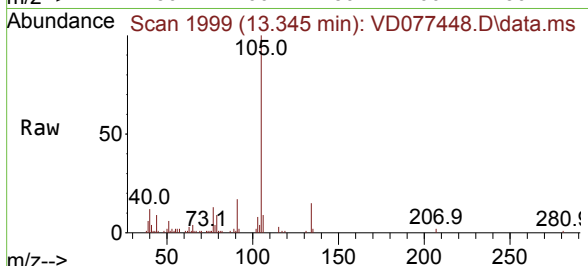




#85
 sec-Butylbenzene
 Concen: 2.284 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

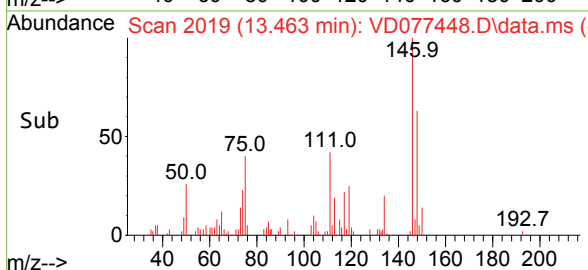
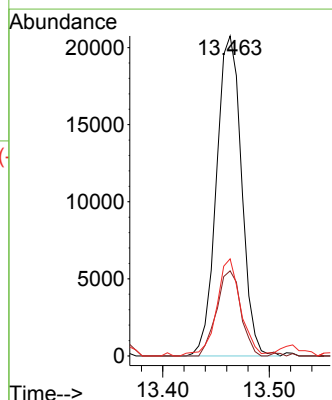
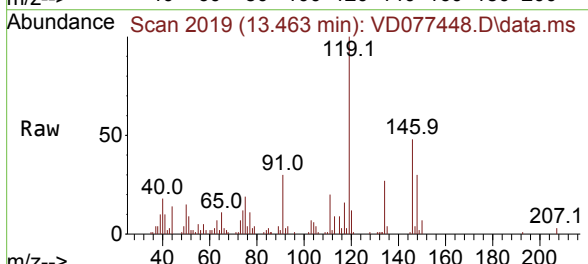
Instrument :
 MSVOA_D
 ClientSampleId :

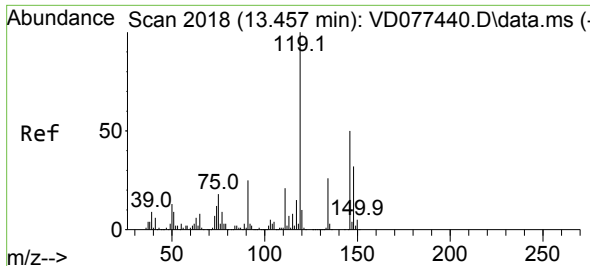
Tgt Ion:105 Resp: 43349
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 2.197 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion:119 Resp: 33887
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 29.0 10.5 31.5

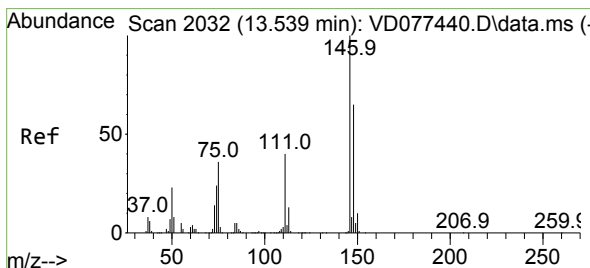
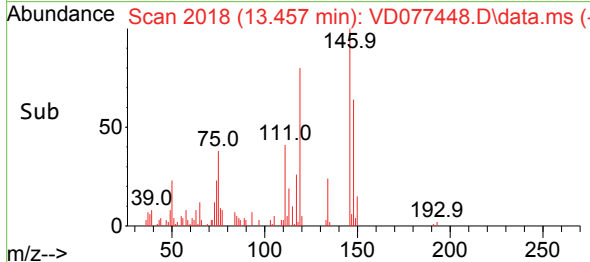
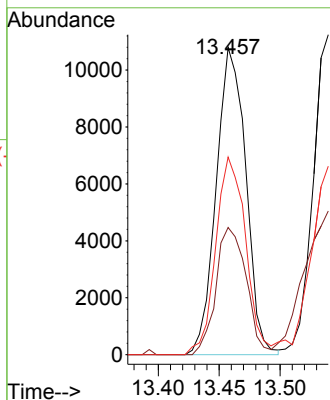
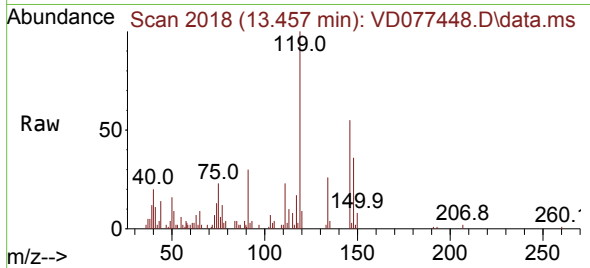




#87
1,3-Dichlorobenzene
Concen: 2.402 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

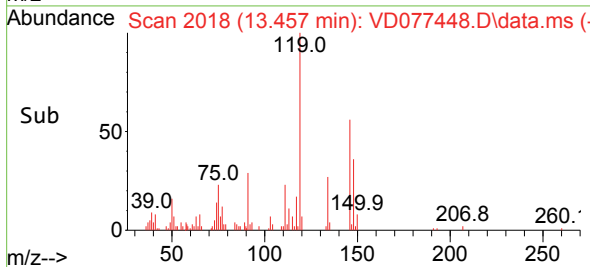
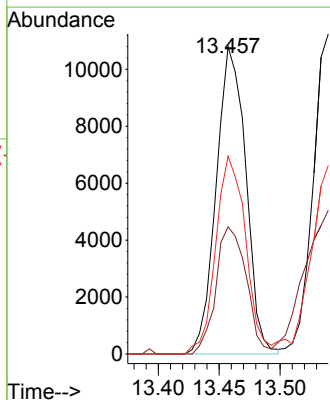
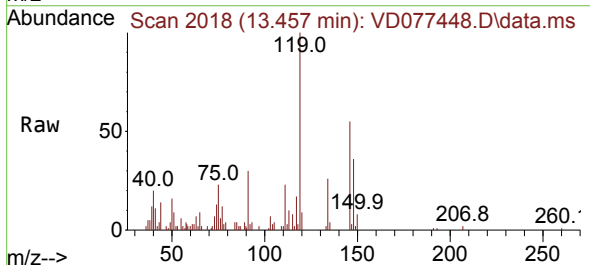
Instrument :
MSVOA_D
ClientSampleId :

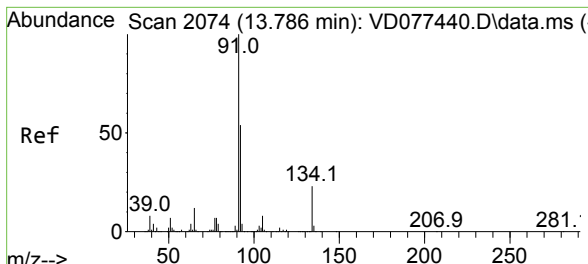
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	17.9	53.8
148	64.9	32.3	96.8



#88
1,4-Dichlorobenzene
Concen: 2.404 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.082 min
Lab File: VD077448.D
Acq: 30 Oct 2023 15:33

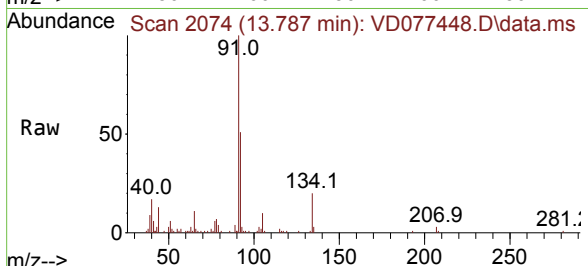
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	17.4	52.3
148	64.9	31.7	95.1



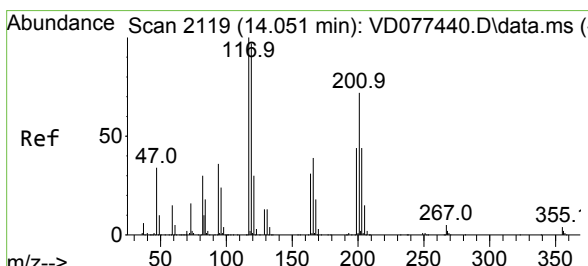
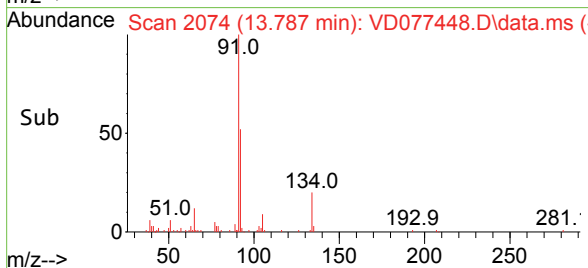
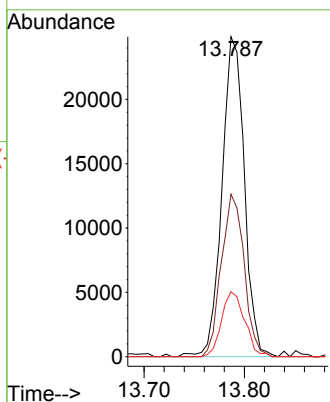


#89
 n-Butylbenzene
 Concen: 2.405 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

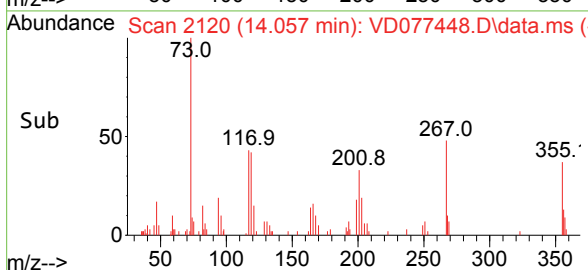
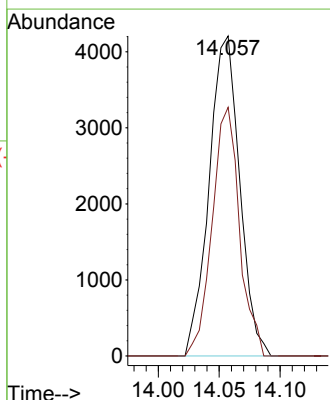
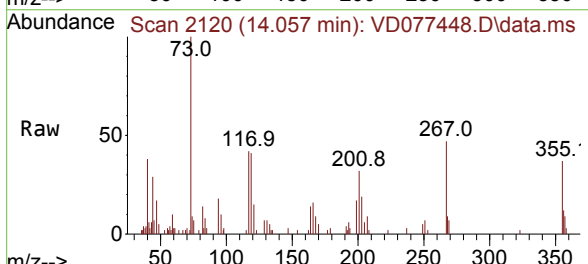


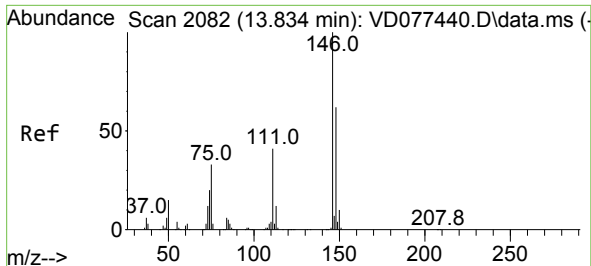
Tgt Ion:	91	Resp:	38559
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.5	79.5
134	21.0	13.8	41.3



#90
 Hexachloroethane
 Concen: 2.330 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion:	117	Resp:	7354
Ion	Ratio	Lower	Upper
117	100		
201	69.3	38.5	115.5

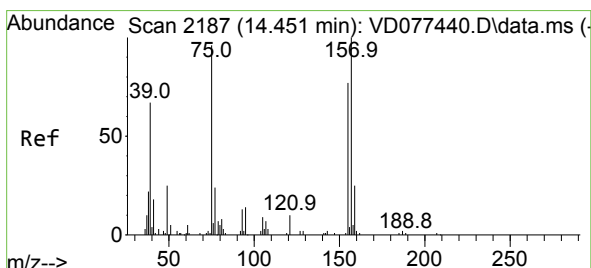
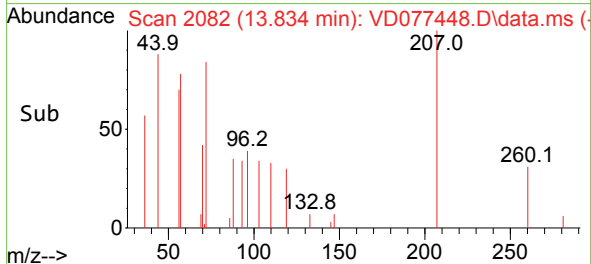
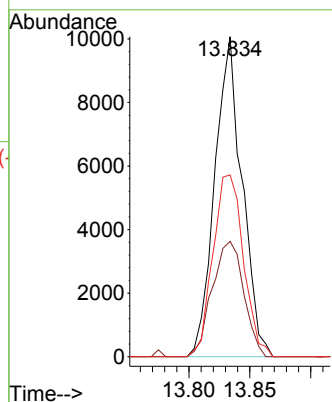
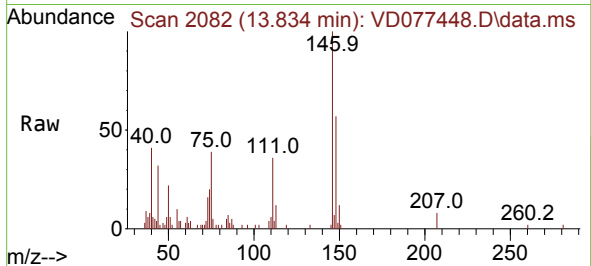




#91
 1,2-Dichlorobenzene
 Concen: 2.348 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

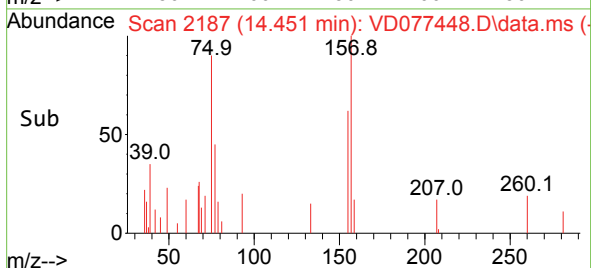
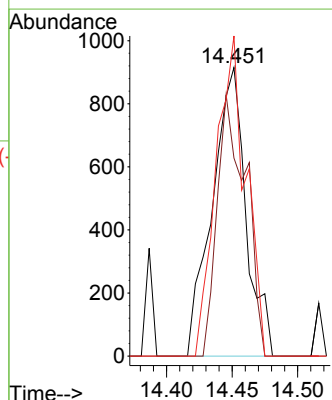
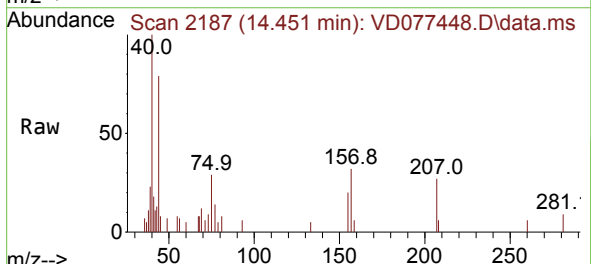
Instrument :
 MSVOA_D
 ClientSampleId :

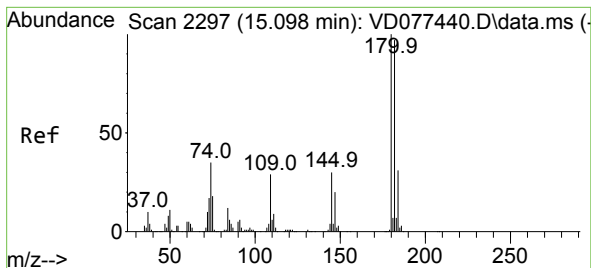
Tgt Ion:146 Resp: 15695
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.3 54.8
 148 63.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.825 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion: 75 Resp: 1640
 Ion Ratio Lower Upper
 75 100
 155 76.7 47.9 143.8
 157 97.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 2.442 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

Instrument :

MSVOA_D

ClientSampleId :

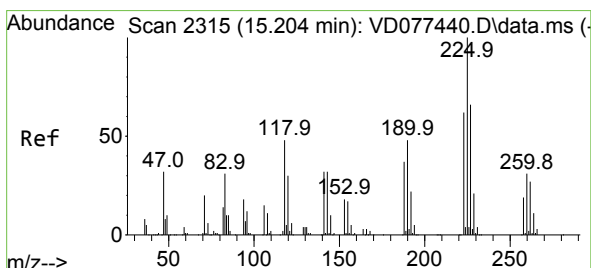
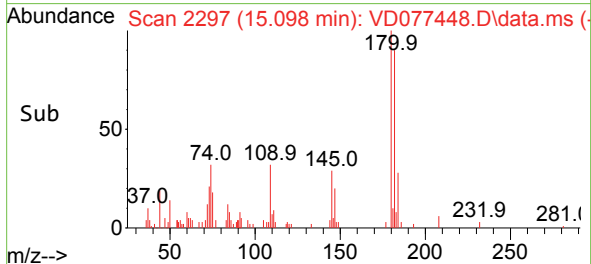
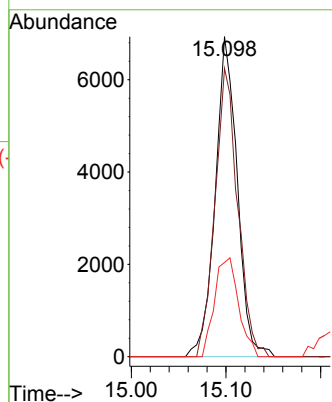
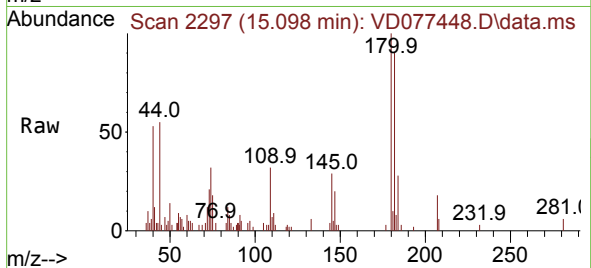
Tgt Ion:180 Resp: 11215

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.6

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.221 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077448.D

Acq: 30 Oct 2023 15:33

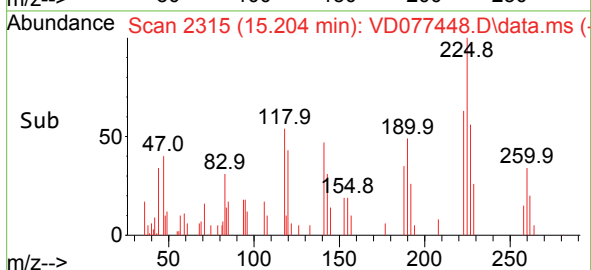
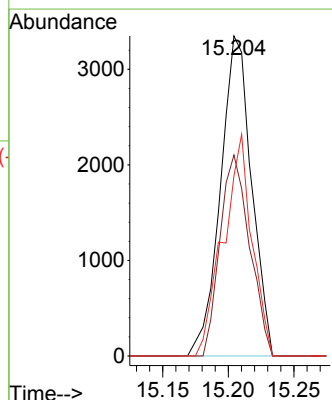
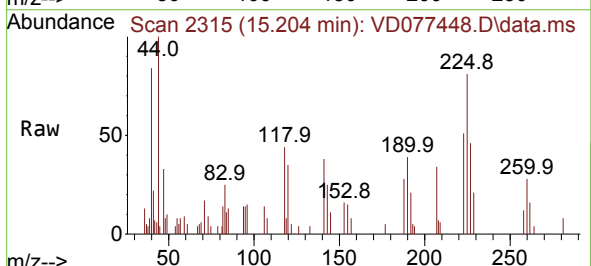
Tgt Ion:225 Resp: 5501

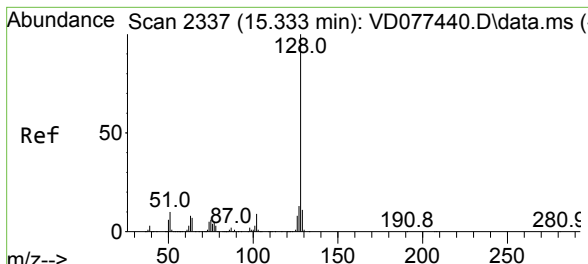
Ion Ratio Lower Upper

225 100

223 59.9 31.6 94.8

227 64.2 31.7 95.1

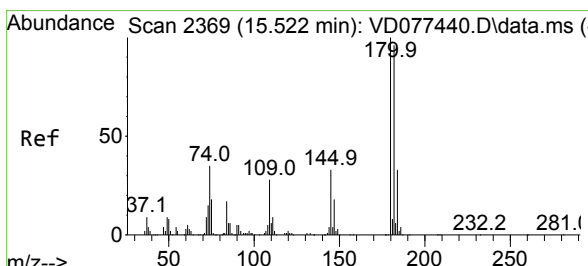
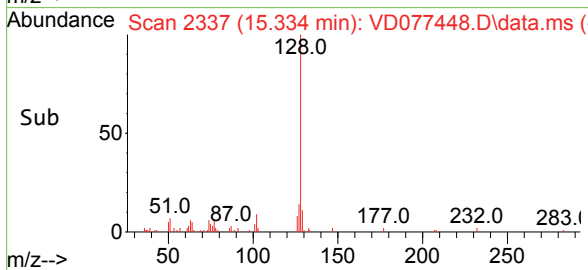
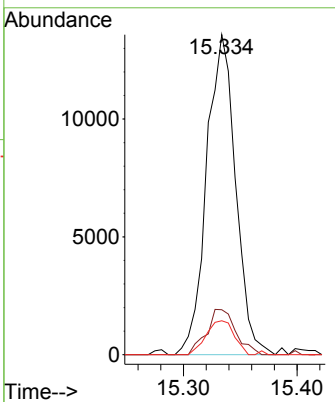
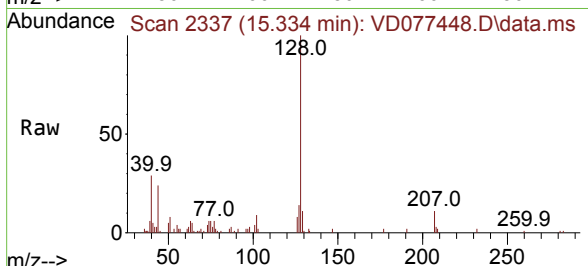




#95
 Naphthalene
 Concen: 2.753 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	24115
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	10.6	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 2.296 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077448.D
 Acq: 30 Oct 2023 15:33

Tgt Ion:	180	Resp:	9103
Ion Ratio	Lower	Upper	
180	100		
182	101.1	47.3	141.9
145	35.6	15.1	45.3

