

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078023.D
 Acq On : 21 Dec 2023 13:44
 Operator : RP/MD
 Sample : VD1221SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	189355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64789	51.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.820%
35) Dibromofluoromethane	7.805	113	69466	52.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.269	98	264660	49.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.575	95	81287	51.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	25718	19.438	ug/l	94
3) Chloromethane	2.152	50	38594	21.400	ug/l	95
4) Vinyl Chloride	2.293	62	56674	23.148	ug/l	99
5) Bromomethane	2.693	94	41486	30.198	ug/l	99
6) Chloroethane	2.840	64	41679	24.970	ug/l	95
7) Trichlorofluoromethane	3.181	101	50521	22.405	ug/l	94
8) Diethyl Ether	3.599	74	14263	22.526	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	30314	23.499	ug/l	99
10) Methyl Iodide	4.175	142	25895	26.557	ug/l	91
11) Tert butyl alcohol	5.058	59	7896	125.772	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	27422	21.538	ug/l	85
13) Acrolein	3.799	56	10090	76.424	ug/l	98
14) Allyl chloride	4.569	41	34660	19.794	ug/l #	89
15) Acrylonitrile	5.258	53	32348	119.322	ug/l	98
16) Acetone	4.028	43	40929	137.542	ug/l #	76
17) Carbon Disulfide	4.281	76	72507	16.833	ug/l	99
18) Methyl Acetate	4.569	43	21879	22.259	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	65674	24.312	ug/l	95
20) Methylene Chloride	4.811	84	45011	28.355	ug/l #	77
21) trans-1,2-Dichloroethene	5.316	96	32488	22.528	ug/l	90
22) Diisopropyl ether	6.216	45	85040	23.240	ug/l	94
23) Vinyl Acetate	6.158	43	190346	106.520	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	60075	24.243	ug/l	97
25) 2-Butanone	7.087	43	45997	126.660	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	47732	22.942	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	38662	24.916	ug/l	91
28) Bromochloromethane	7.428	49	21093	21.065	ug/l	81
29) Tetrahydrofuran	7.446	42	22002	110.703	ug/l	89
30) Chloroform	7.599	83	64968	26.196	ug/l	95
31) Cyclohexane	7.881	56	42581	19.181	ug/l #	82
32) 1,1,1-Trichloroethane	7.799	97	52030	23.798	ug/l	97
36) 1,1-Dichloropropene	8.016	75	44257	20.860	ug/l	95
37) Ethyl Acetate	7.169	43	16065	19.420	ug/l #	94
38) Carbon Tetrachloride	7.993	117	45494	21.509	ug/l	95
39) Methylcyclohexane	9.281	83	46080	18.321	ug/l	99
40) Benzene	8.252	78	132559	22.014	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	9994	23.769	ug/l #	85
42) 1,2-Dichloroethane	8.334	62	37044	23.733	ug/l	96
43) Isopropyl Acetate	8.369	43	32457	22.071	ug/l #	78
44) Trichloroethene	9.034	130	34561	22.025	ug/l	97
45) 1,2-Dichloropropane	9.304	63	34575	23.620	ug/l	96
46) Dibromomethane	9.399	93	18887	24.385	ug/l	92
47) Bromodichloromethane	9.587	83	48060	24.481	ug/l	96
48) Methyl methacrylate	9.381	41	16794	20.090	ug/l	85
49) 1,4-Dioxane	9.387	88	3271	425.313	ug/l #	62
51) 4-Methyl-2-Pentanone	10.163	43	79455	105.867	ug/l	95
52) Toluene	10.340	92	83992	22.487	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	43421	23.032	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	51815	22.733	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	25699	24.257	ug/l	88
56) Ethyl methacrylate	10.598	69	21340	22.850	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	44831	24.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	43823	82.283	ug/l	94
59) 2-Hexanone	10.922	43	65156	104.641	ug/l	93
60) Dibromochloromethane	11.075	129	31637	24.803	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24069	24.135	ug/l	100
64) Tetrachloroethene	10.810	164	27085	21.047	ug/l	95
65) Chlorobenzene	11.610	112	93779	21.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35054	24.076	ug/l	96
67) Ethyl Benzene	11.687	91	160968	22.082	ug/l	96
68) m/p-Xylenes	11.798	106	123033	44.125	ug/l	91
69) o-Xylene	12.122	106	57867	22.519	ug/l	94
70) Styrene	12.134	104	89162	23.334	ug/l	96
71) Bromoform	12.298	173	17301	22.742	ug/l #	94
73) Isopropylbenzene	12.422	105	152737	21.991	ug/l	95
74) N-amyl acetate	12.234	43	28506	20.880	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	30304	25.024	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	35404	44.484	ug/l #	100
77) Bromobenzene	12.704	156	36486	22.334	ug/l	90
78) n-propylbenzene	12.763	91	187749	22.184	ug/l	96
79) 2-Chlorotoluene	12.851	91	104002	22.931	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	126929	21.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8691	22.125	ug/l	91
82) 4-Chlorotoluene	12.945	91	109763	23.149	ug/l	97
83) tert-Butylbenzene	13.169	119	110317	22.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	128698	22.213	ug/l	99
85) sec-Butylbenzene	13.345	105	162177	22.435	ug/l	95
86) p-Isopropyltoluene	13.463	119	138737	21.436	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	76777	22.982	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	77919	22.484	ug/l	97
89) n-Butylbenzene	13.787	91	138503	22.743	ug/l	96
90) Hexachloroethane	14.057	117	28418	23.876	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	64695	22.770	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4342	24.246	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	40743	20.994	ug/l	96
94) Hexachlorobutadiene	15.204	225	21244	20.300	ug/l	98
95) Naphthalene	15.328	128	69506	21.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	34014	21.259	ug/l	97

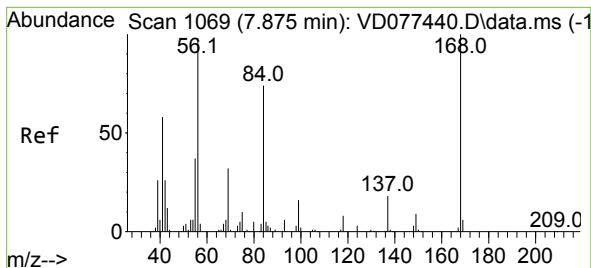
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

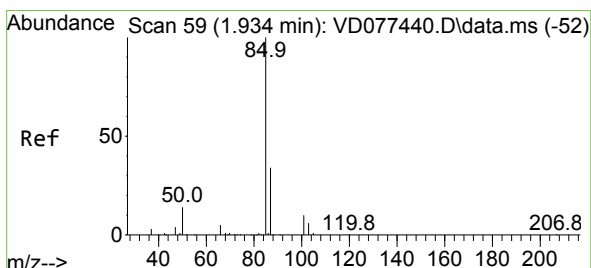
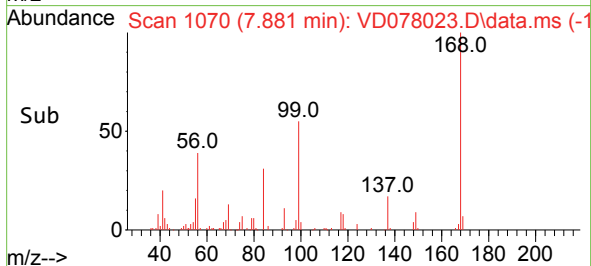
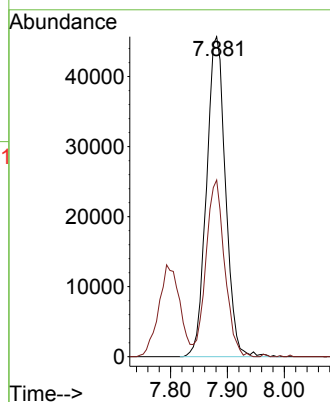
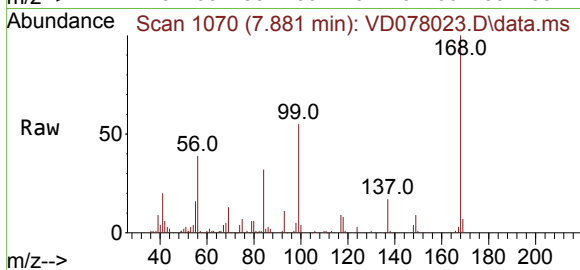
ClientSampleId :

Tgt Ion:168 Resp: 105919

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.438 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078023.D

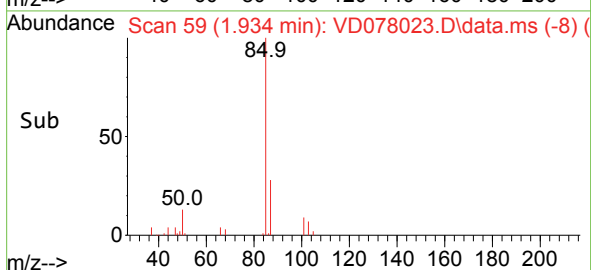
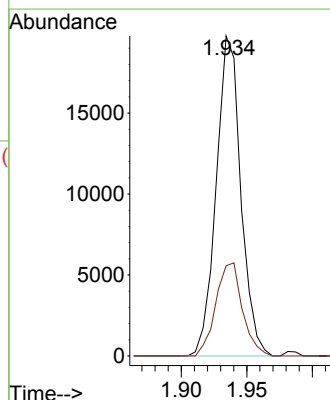
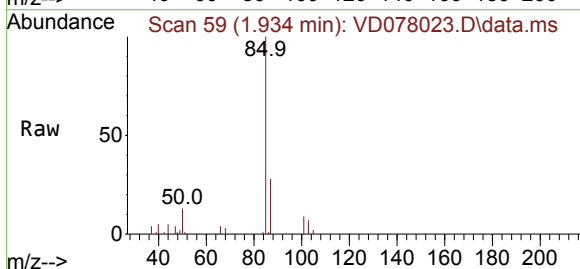
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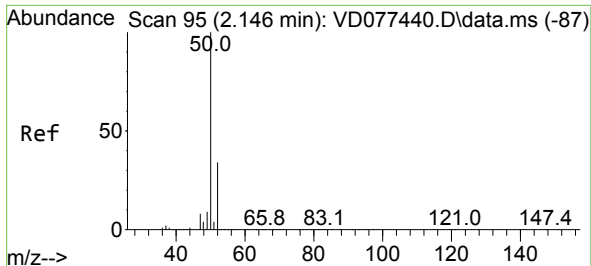
Tgt Ion: 85 Resp: 25718

Ion Ratio Lower Upper

85 100

87 28.2 15.7 47.0

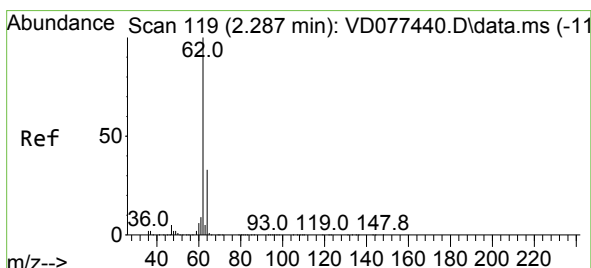
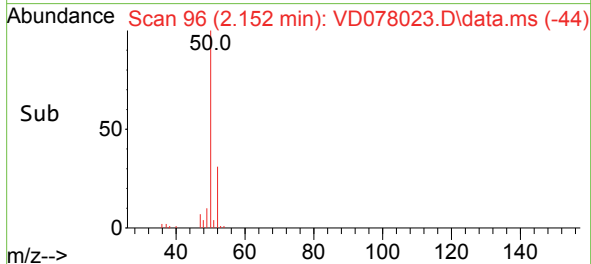
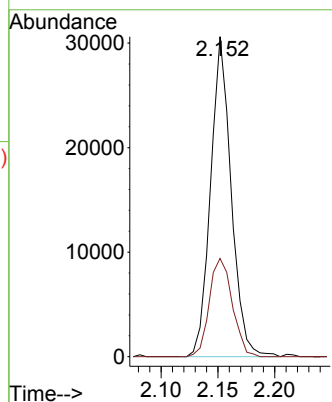
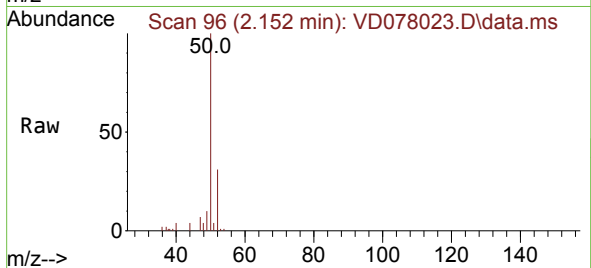




#3
Chloromethane
Concen: 21.400 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

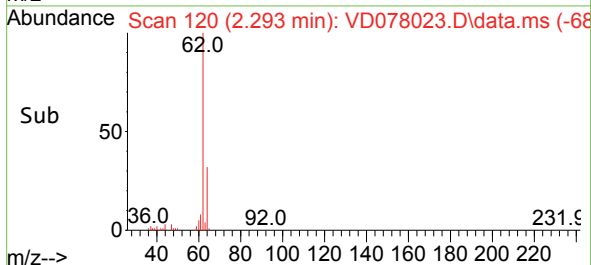
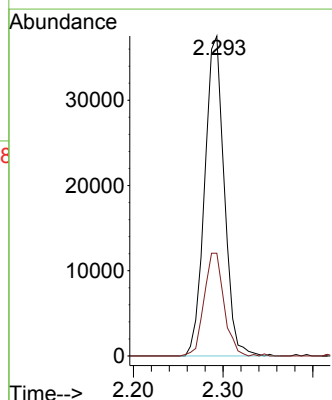
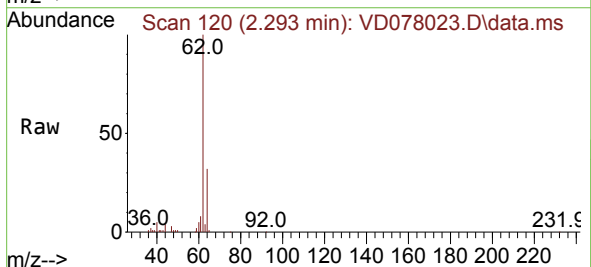
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 38594
Ion Ratio Lower Upper
50 100
52 30.7 26.6 40.0



#4
Vinyl Chloride
Concen: 23.148 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 62 Resp: 56674
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

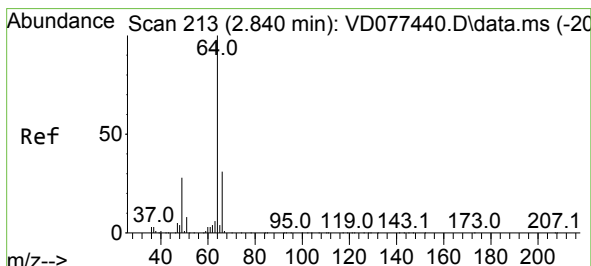
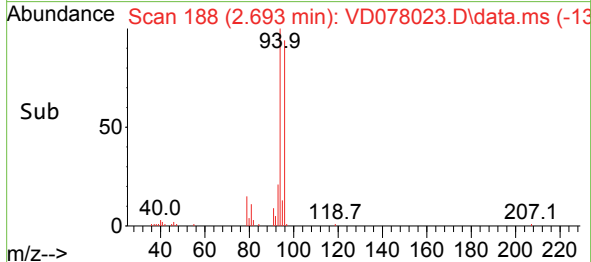
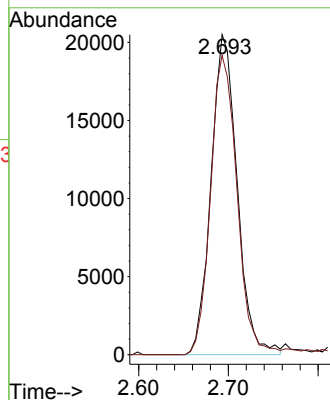
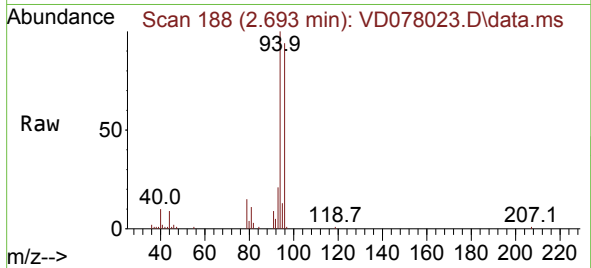




#5
Bromomethane
Concen: 30.198 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

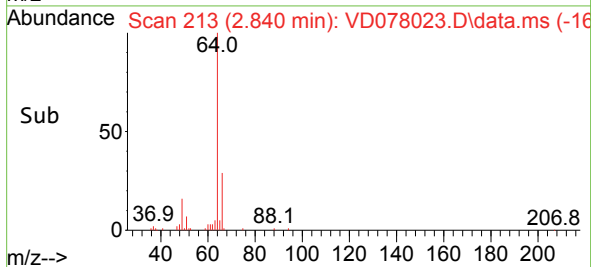
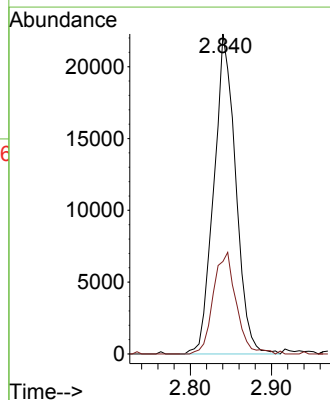
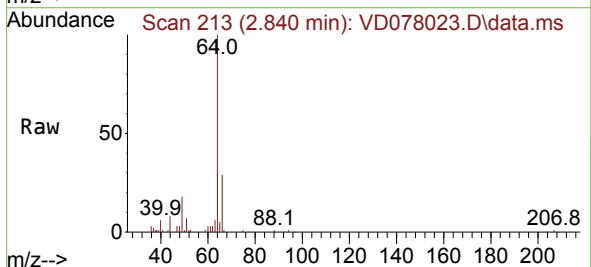
Instrument :
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ClientSampleId :

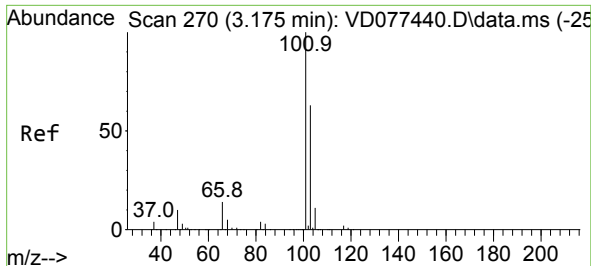
Tgt Ion: 94 Resp: 41486
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 24.970 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 64 Resp: 41679
Ion Ratio Lower Upper
64 100
66 28.9 25.5 38.3

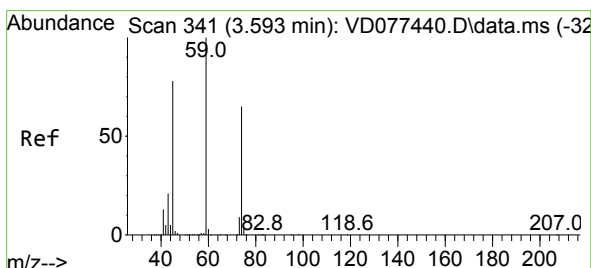
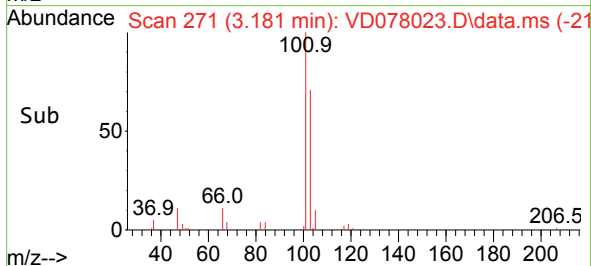
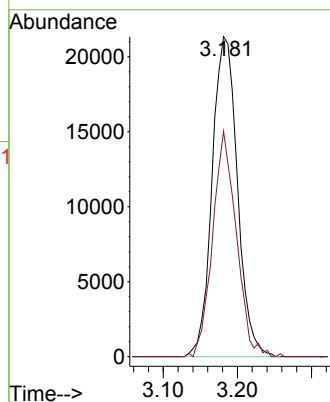
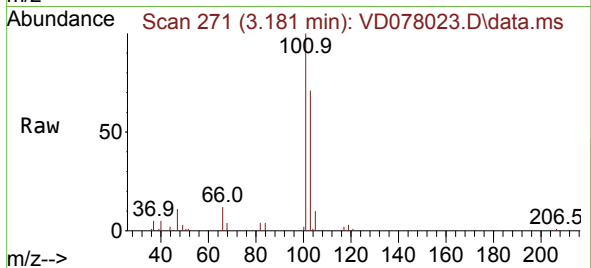




#7
Trichlorofluoromethane
Concen: 22.405 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

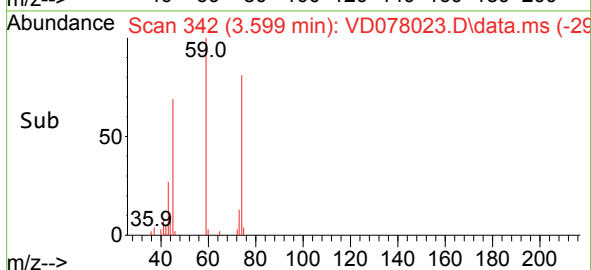
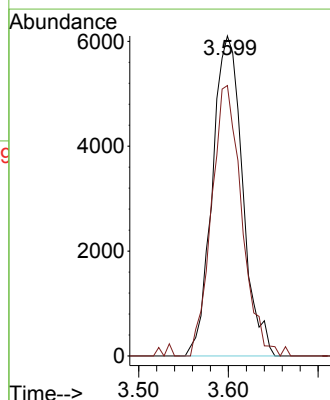
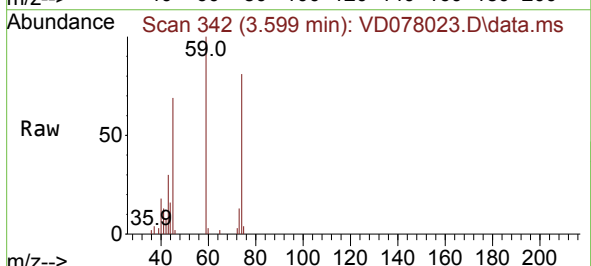
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 50521
Ion Ratio Lower Upper
101 100
103 70.5 52.3 78.5



#8
Diethyl Ether
Concen: 22.526 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 74 Resp: 14263
Ion Ratio Lower Upper
74 100
45 84.7 37.5 112.7

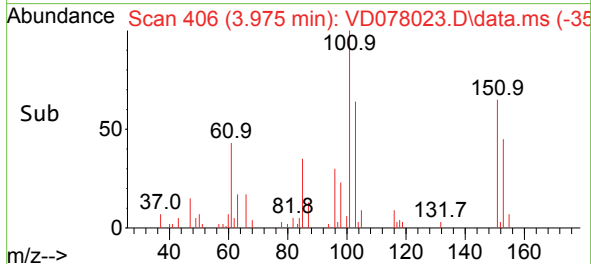
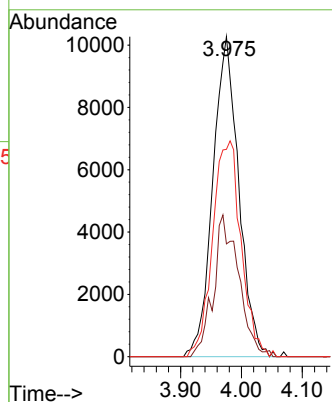
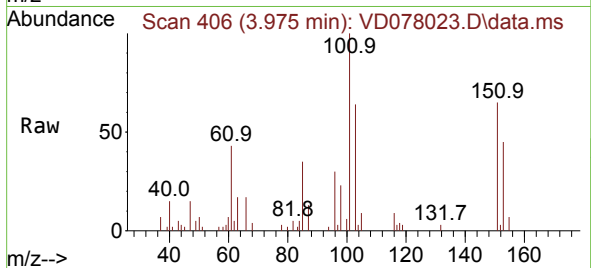




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.499 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

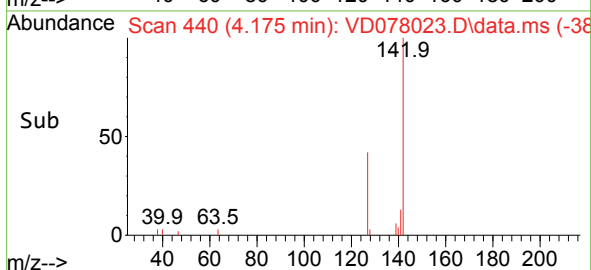
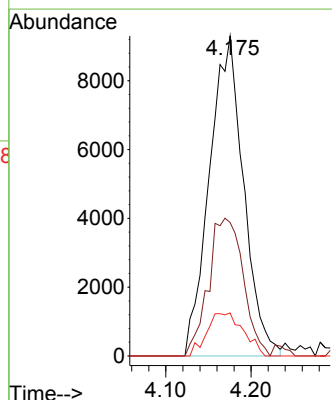
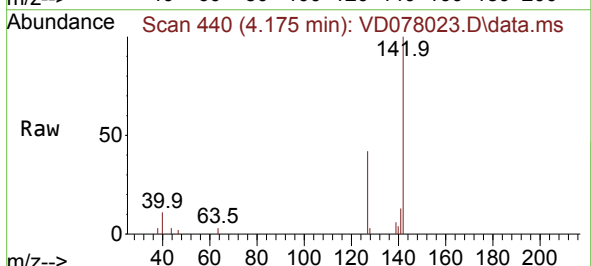
Instrument :
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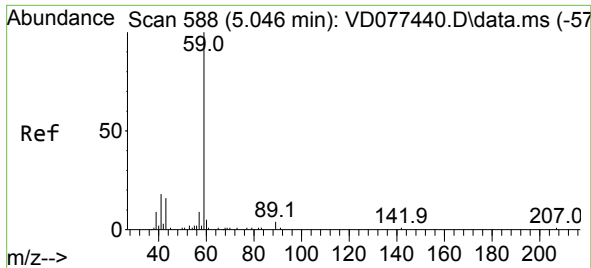
Tgt Ion:101 Resp: 30314
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 74.1 59.8 89.6



#10
Methyl Iodide
Concen: 26.557 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

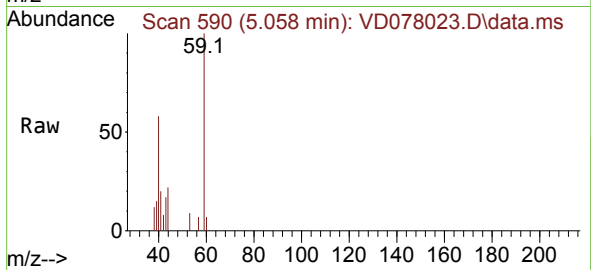
Tgt Ion:142 Resp: 25895
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.4 11.1 16.7



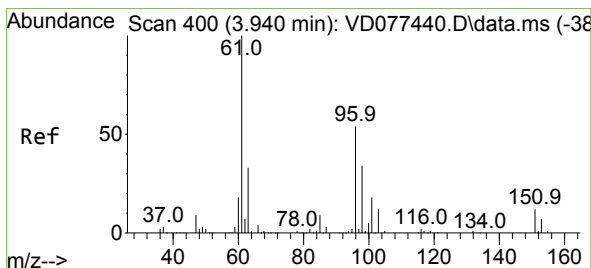
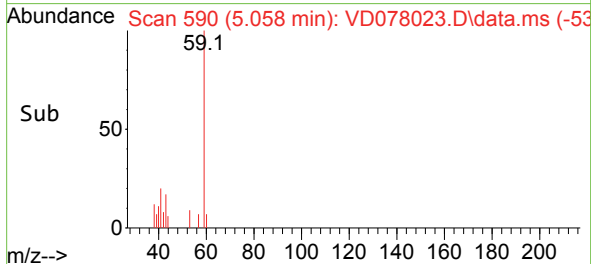
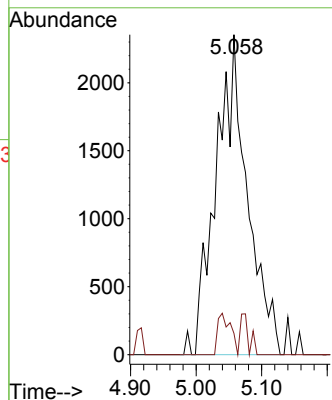


#11
Tert butyl alcohol
Concen: 125.772 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

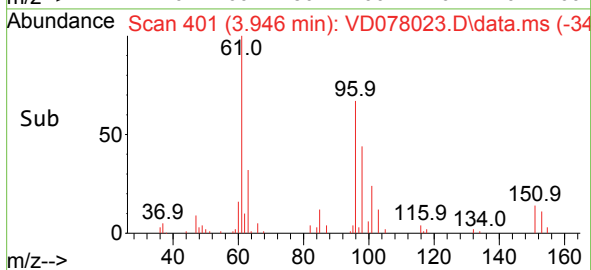
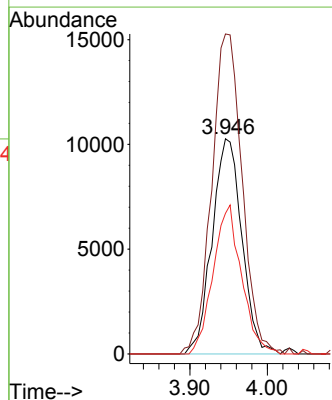
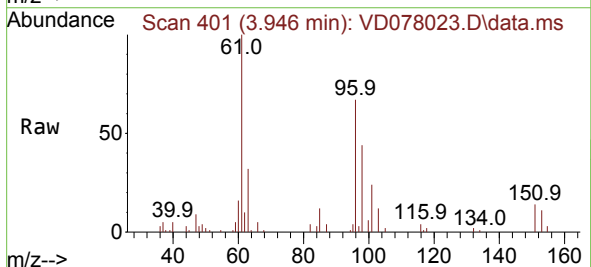


Tgt Ion: 59 Resp: 7896
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.538 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

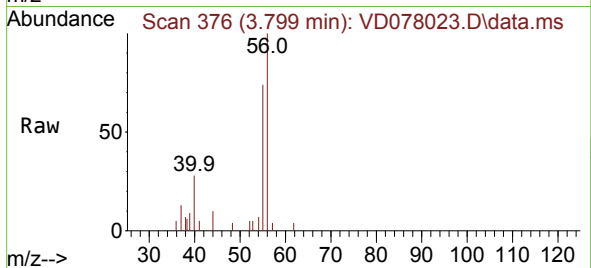
Tgt Ion: 96 Resp: 27422
Ion Ratio Lower Upper
96 100
61 148.7 100.6 150.8
98 65.4 50.2 75.2



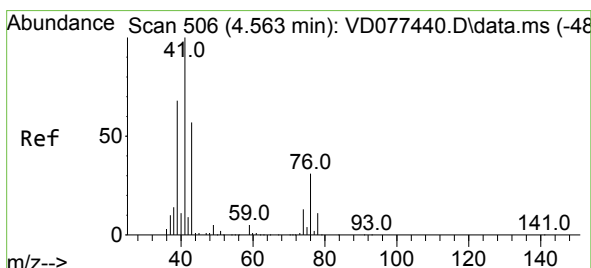
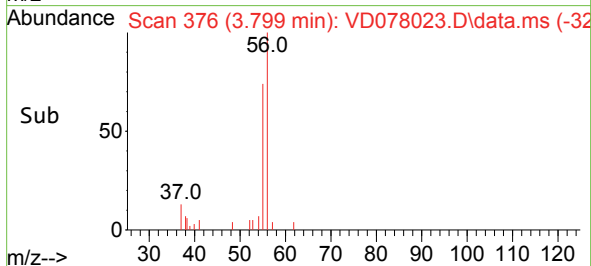
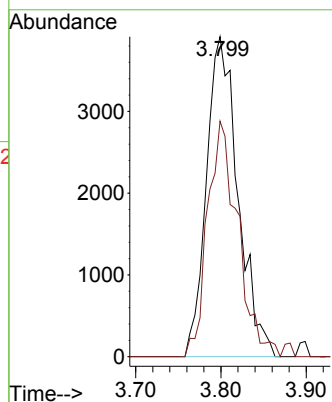


#13
Acrolein
Concen: 76.424 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

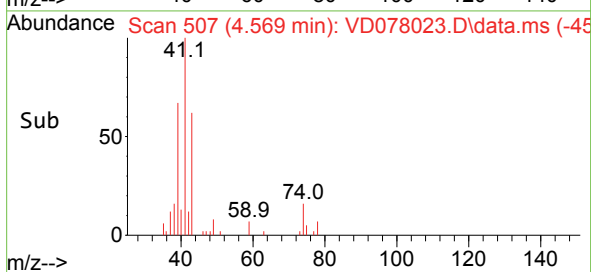
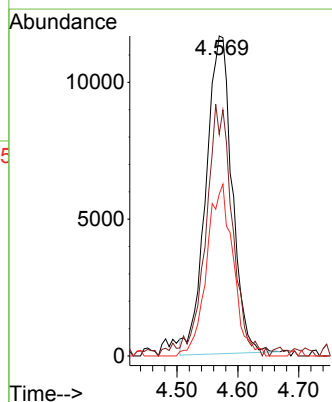
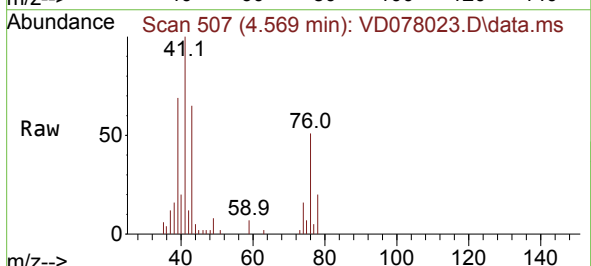


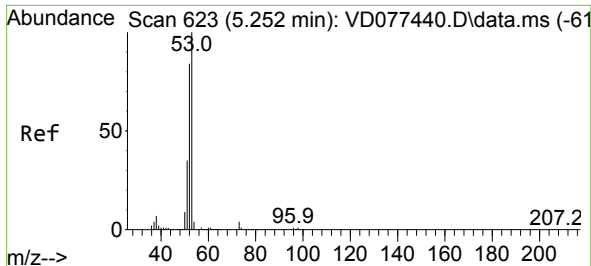
Tgt Ion: 56 Resp: 10090
Ion Ratio Lower Upper
56 100
55 70.6 55.1 82.7



#14
Allyl chloride
Concen: 19.794 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 41 Resp: 34660
Ion Ratio Lower Upper
41 100
39 80.8 53.8 80.6#
76 54.7 45.8 68.8

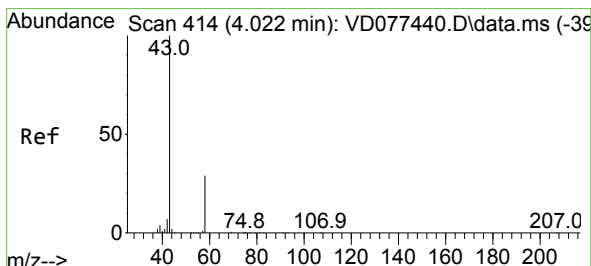
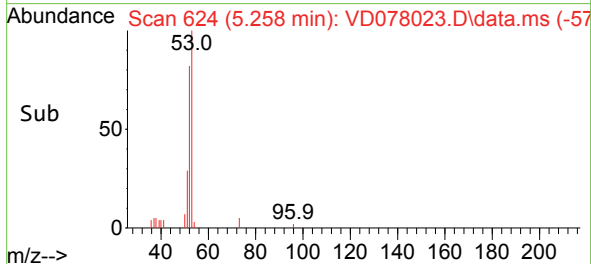
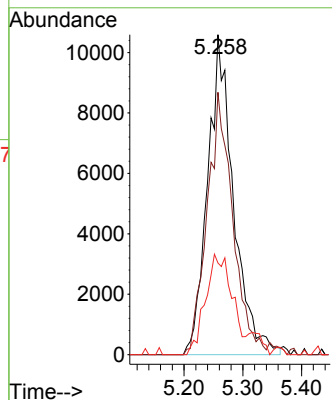
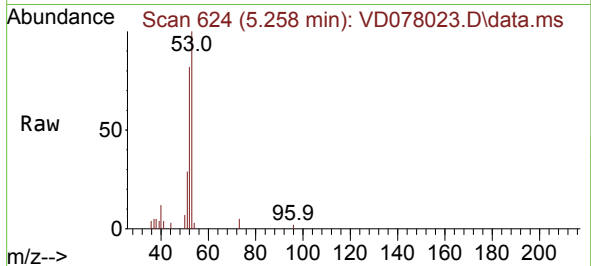




#15
Acrylonitrile
Concen: 119.322 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

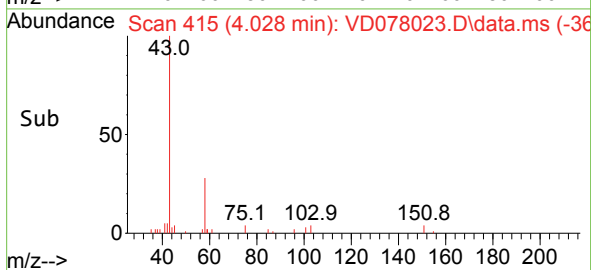
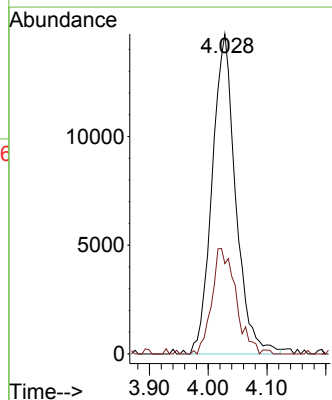
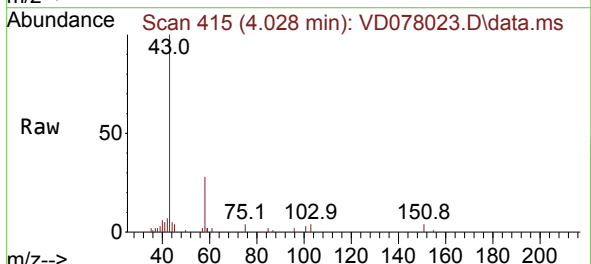
Instrument :
MSVOA_D
ClientSampleId :

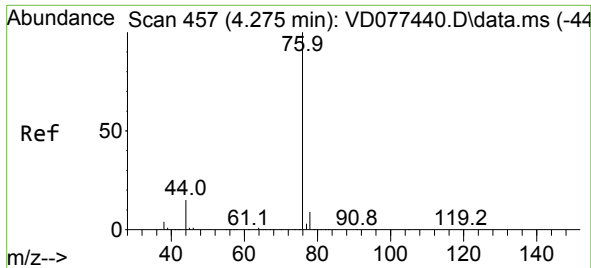
Tgt Ion: 53 Resp: 32348
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 32.4 28.3 42.5



#16
Acetone
Concen: 137.542 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 43 Resp: 40929
Ion Ratio Lower Upper
43 100
58 28.3 34.7 52.1#

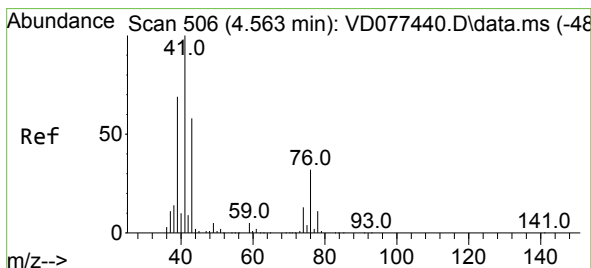
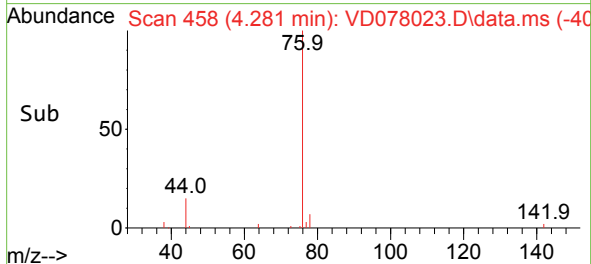
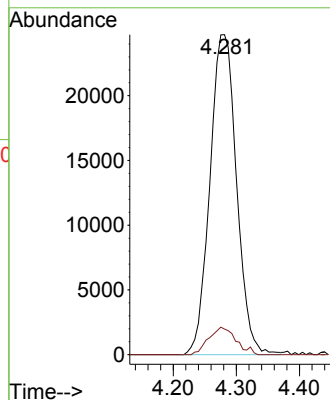
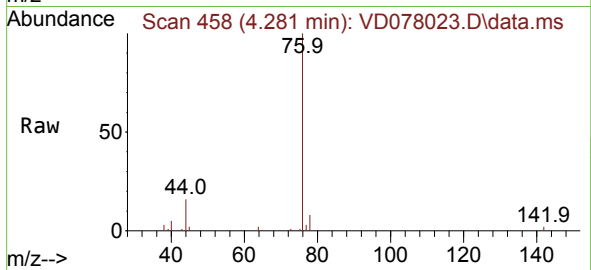




#17
Carbon Disulfide
Concen: 16.833 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

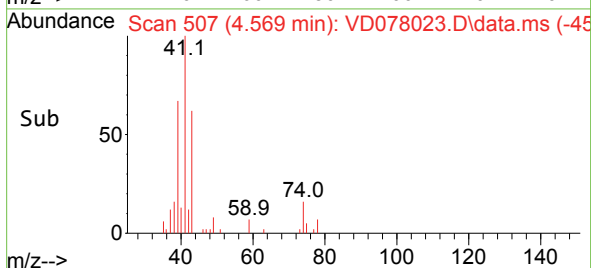
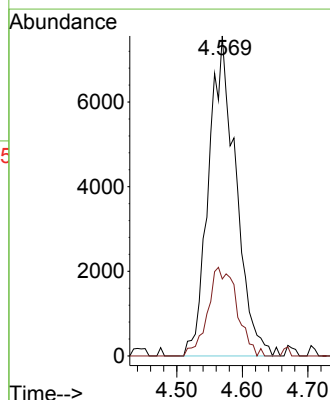
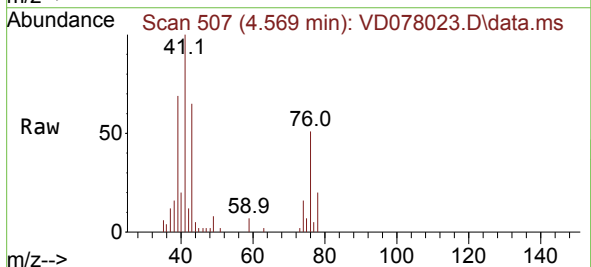
Instrument :
MSVOA_D
ClientSampleId :

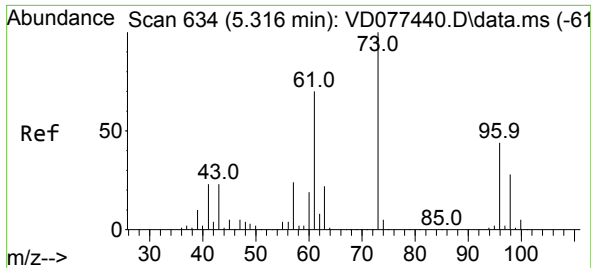
Tgt Ion: 76 Resp: 72507
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 22.259 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 43 Resp: 21879
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 24.312 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

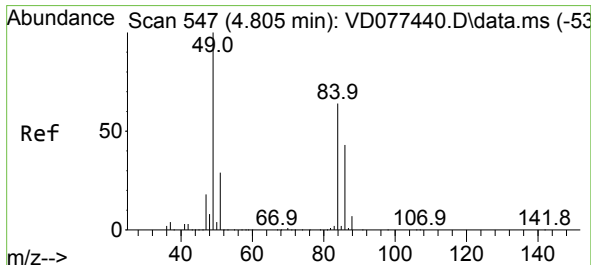
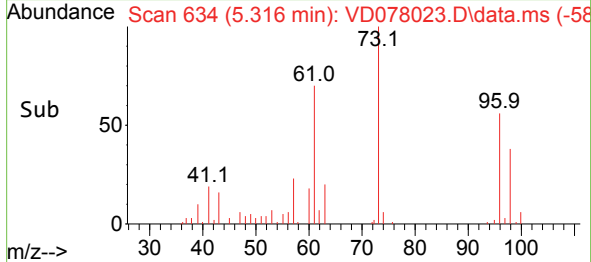
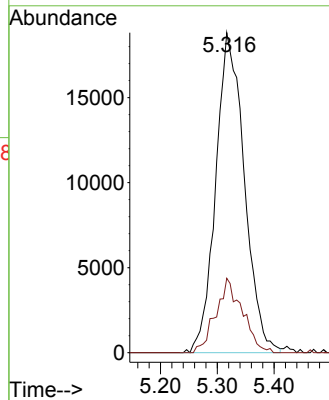
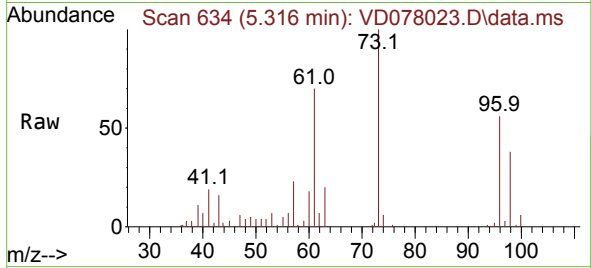
ClientSampleId :

Tgt Ion: 73 Resp: 65674

Ion Ratio Lower Upper

73 100

57 23.3 16.6 25.0



#20

Methylene Chloride

Concen: 28.355 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Tgt Ion: 84 Resp: 45011

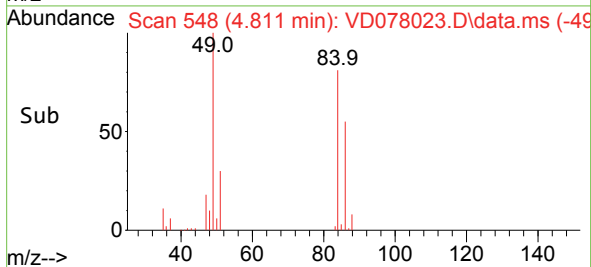
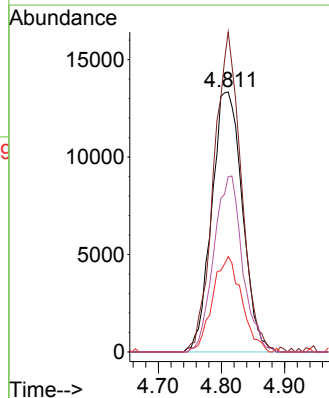
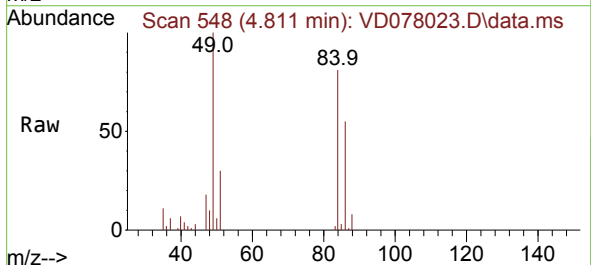
Ion Ratio Lower Upper

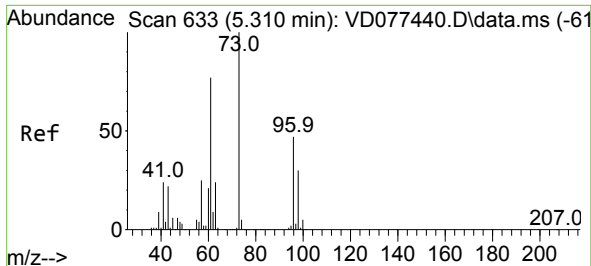
84 100

49 123.1 71.4 107.2#

51 36.7 24.5 36.7

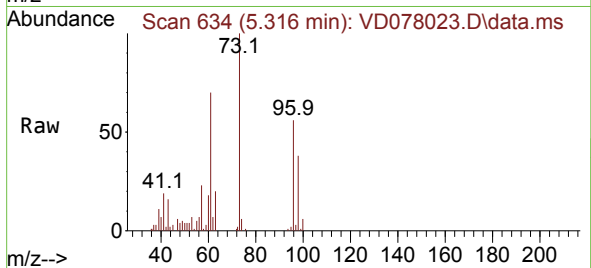
86 67.4 48.7 73.1



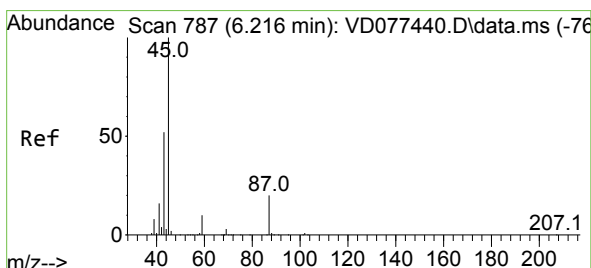
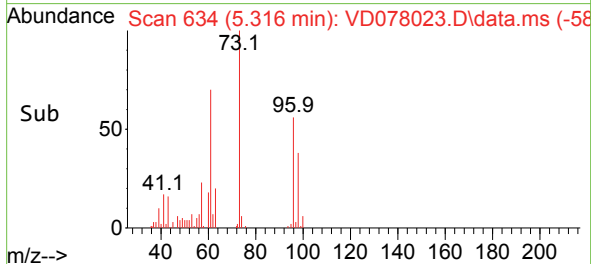
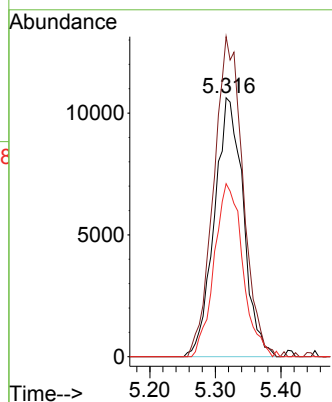


#21
trans-1,2-Dichloroethene
Concen: 22.528 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

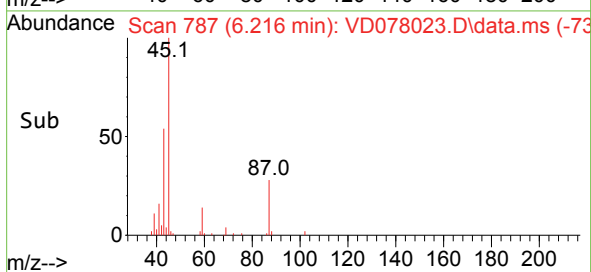
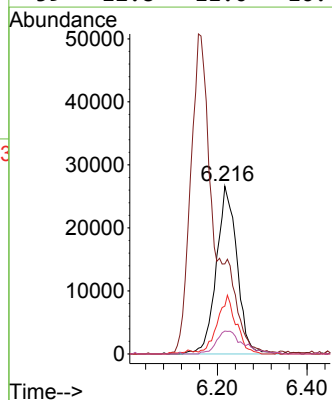
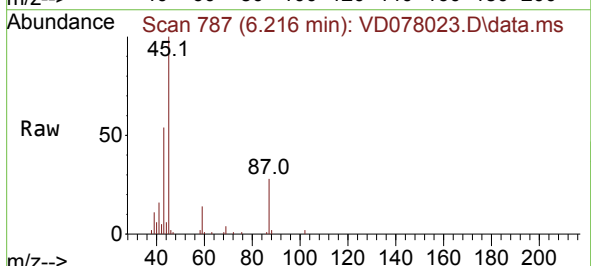


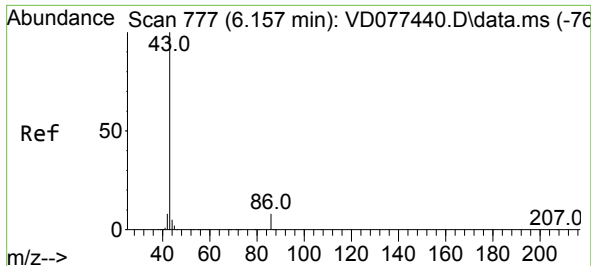
Tgt Ion: 96 Resp: 32488
Ion Ratio Lower Upper
96 100
61 123.6 89.3 133.9
98 66.8 48.6 73.0



#22
Diisopropyl ether
Concen: 23.240 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 45 Resp: 85040
Ion Ratio Lower Upper
45 100
43 52.0 40.0 60.0
87 28.5 28.2 42.4
59 12.8 11.0 16.4

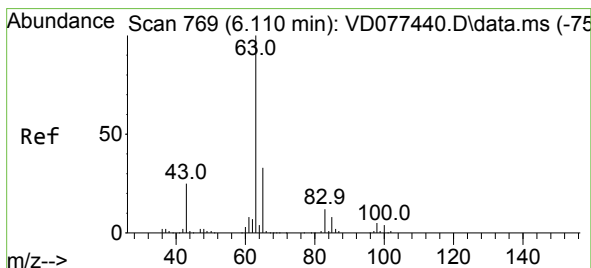
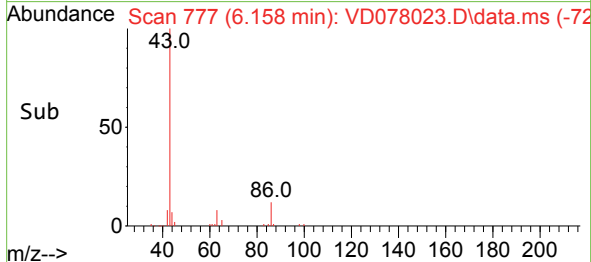
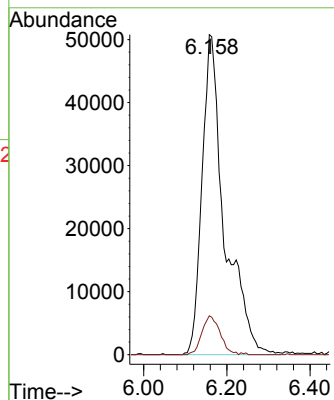
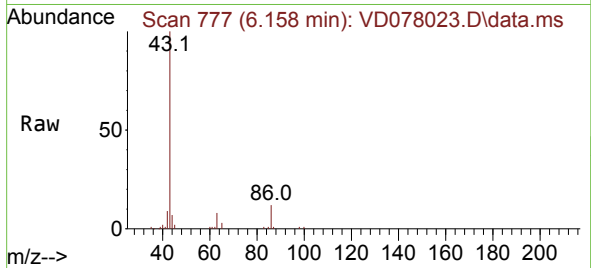




#23
 Vinyl Acetate
 Concen: 106.520 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

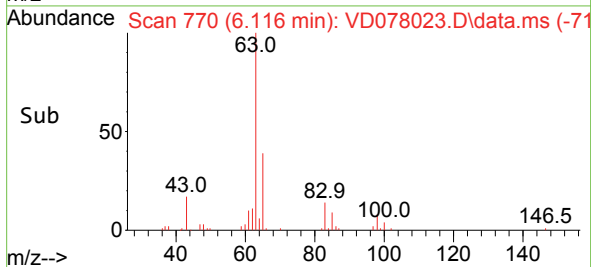
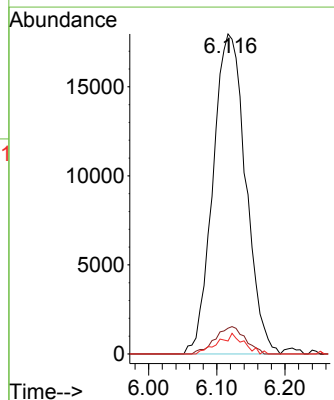
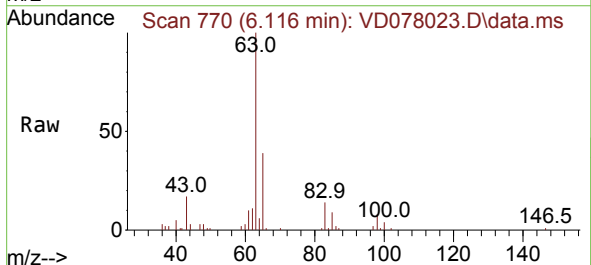
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 190346
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 24.243 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

Tgt Ion: 63 Resp: 60075
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.0 2.5 7.5

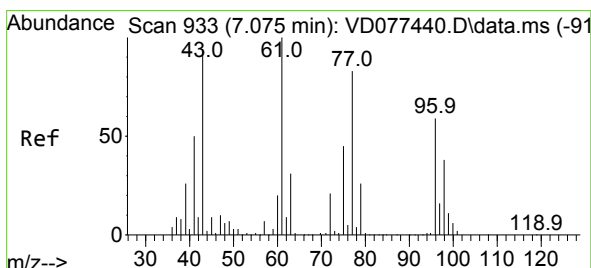
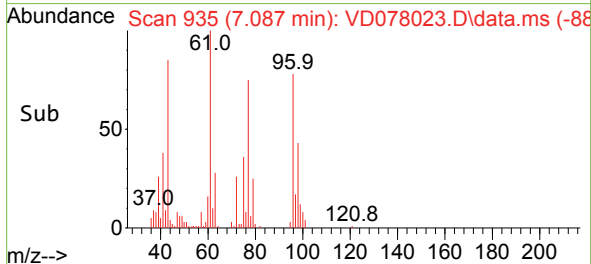
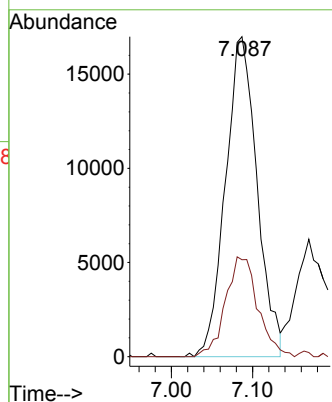
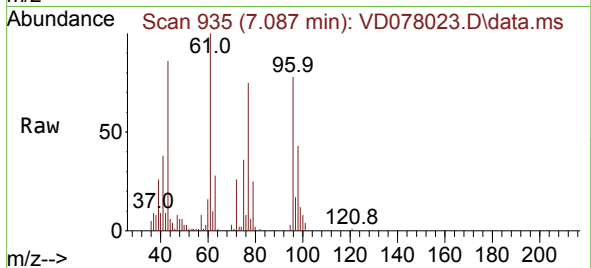




#25
2-Butanone
Concen: 126.660 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

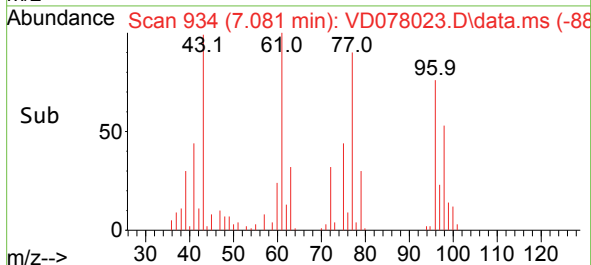
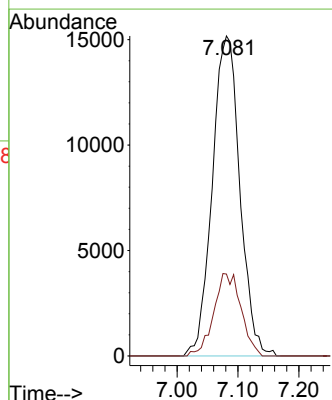
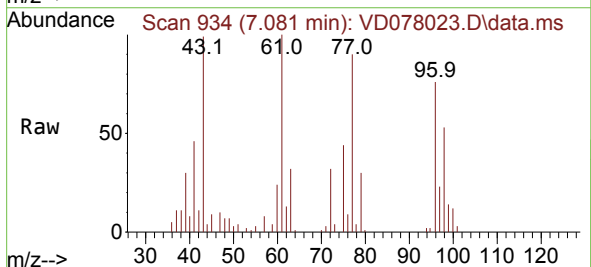
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 45997
Ion Ratio Lower Upper
43 100
72 30.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 22.942 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

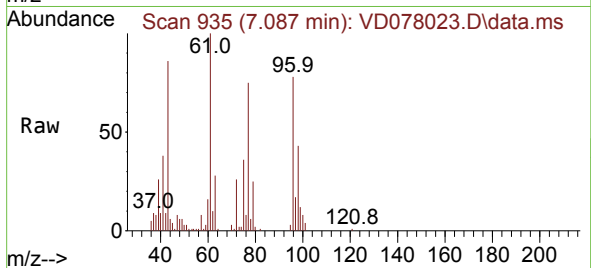
Tgt Ion: 77 Resp: 47732
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6





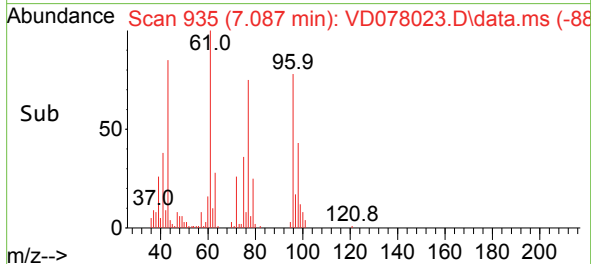
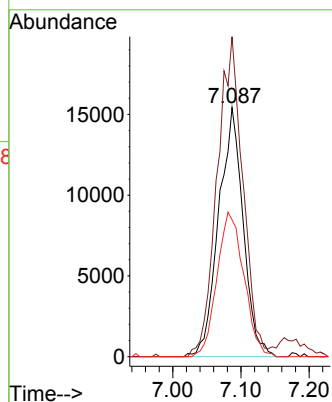
#27
 cis-1,2-Dichloroethene
 Concen: 24.916 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 38662

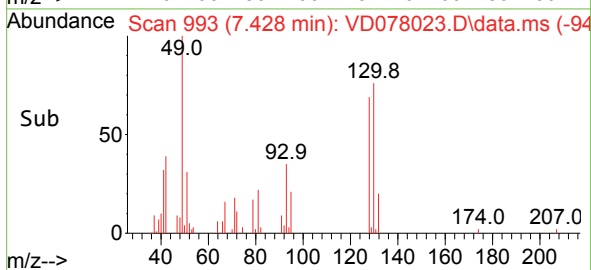
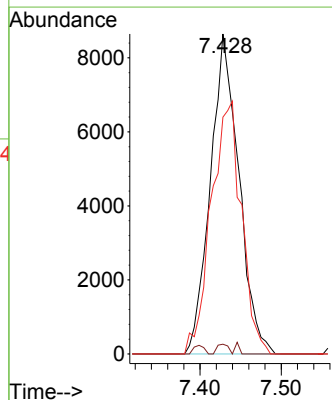
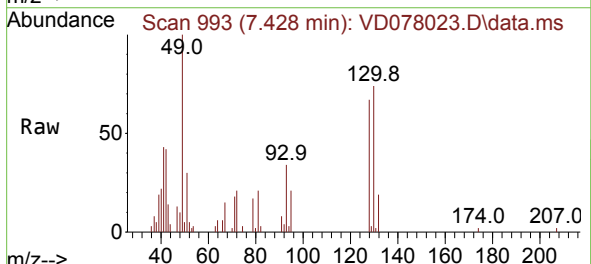
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	239.2
98	63.5	0.0	128.6

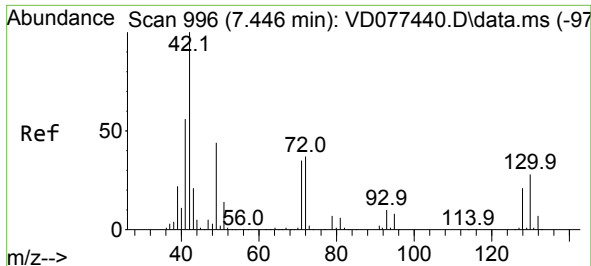


#28
 Bromochloromethane
 Concen: 21.065 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

Tgt Ion: 49 Resp: 21093

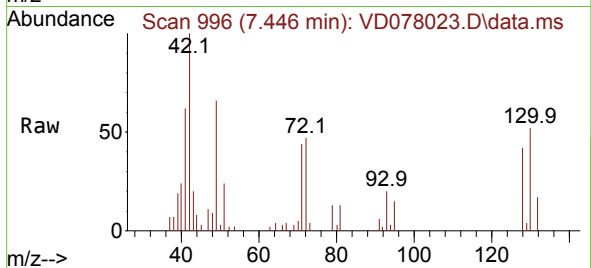
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	6.0
130	83.8	83.2	124.8



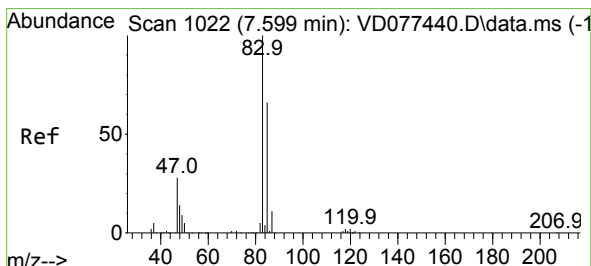
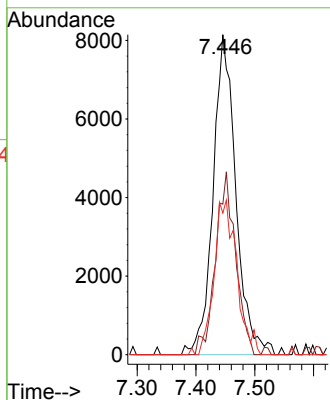
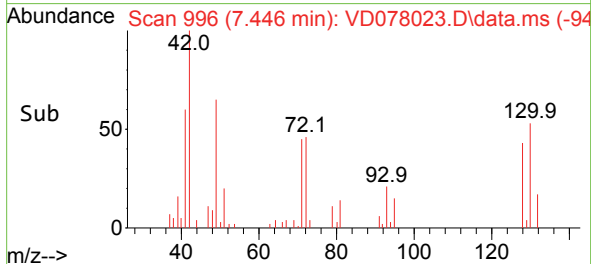


#29
Tetrahydrofuran
Concen: 110.703 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

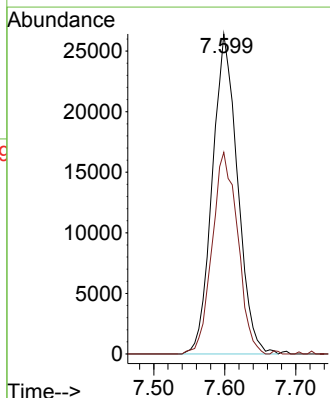
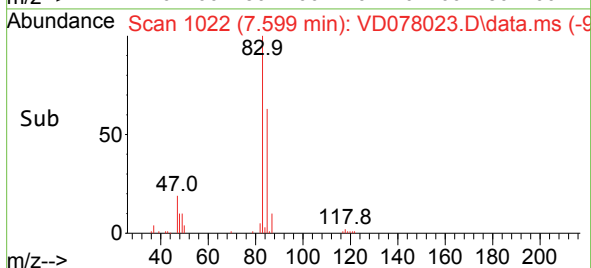
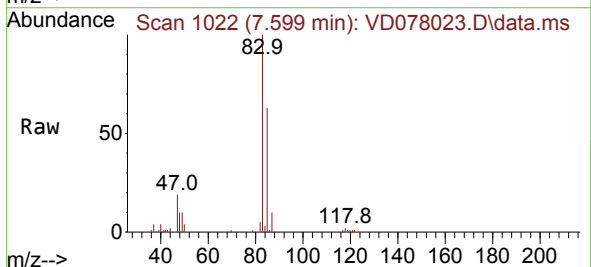


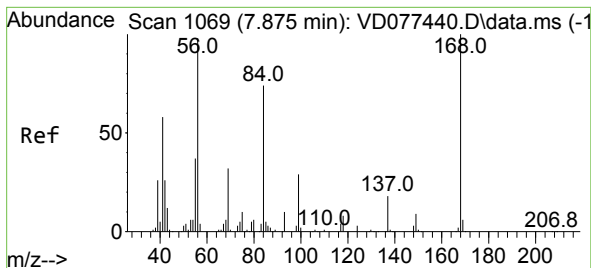
Tgt Ion: 42 Resp: 22002
Ion Ratio Lower Upper
42 100
72 50.2 46.5 69.7
71 47.9 44.5 66.7



#30
Chloroform
Concen: 26.196 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 83 Resp: 64968
Ion Ratio Lower Upper
83 100
85 63.0 53.4 80.2





#31

Cyclohexane

Concen: 19.181 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

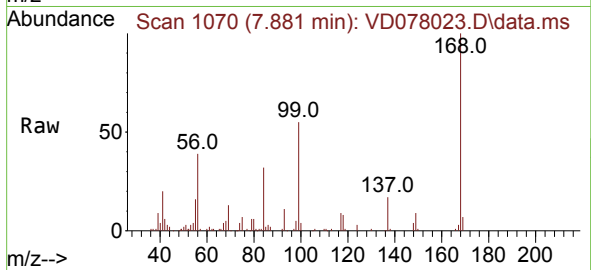
Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :



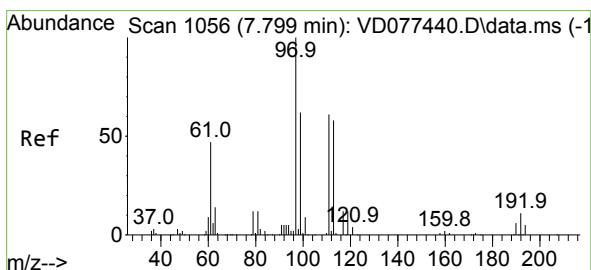
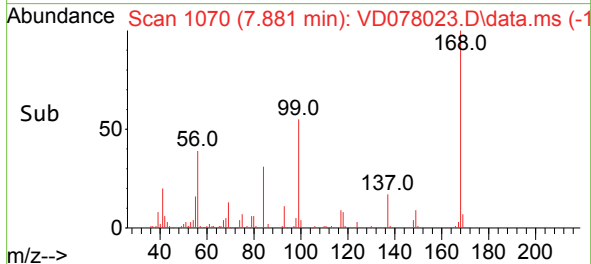
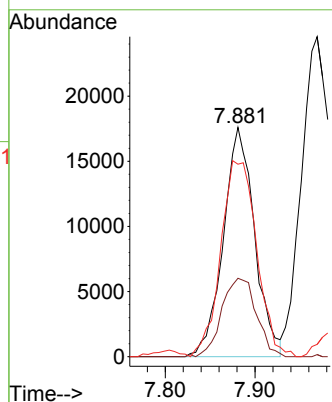
Tgt Ion: 56 Resp: 42581

Ion Ratio Lower Upper

56 100

69 34.2 28.6 43.0

84 82.7 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 23.798 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

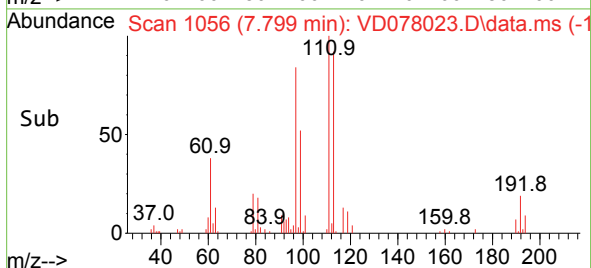
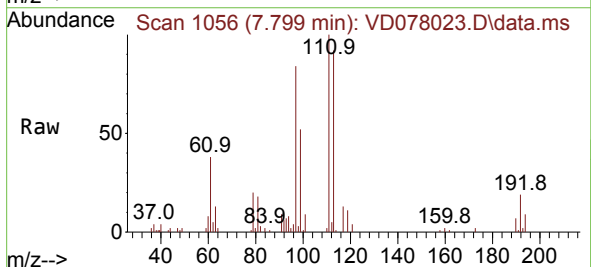
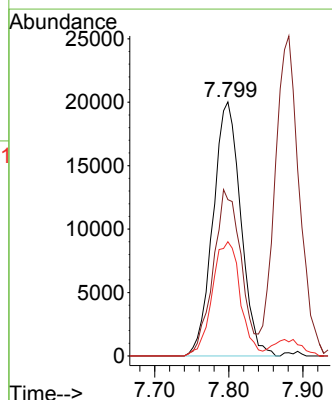
Tgt Ion: 97 Resp: 52030

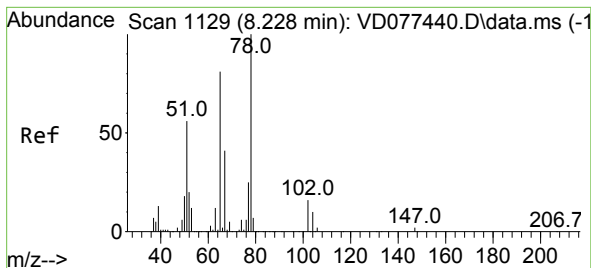
Ion Ratio Lower Upper

97 100

99 66.1 52.0 78.0

61 45.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.910 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

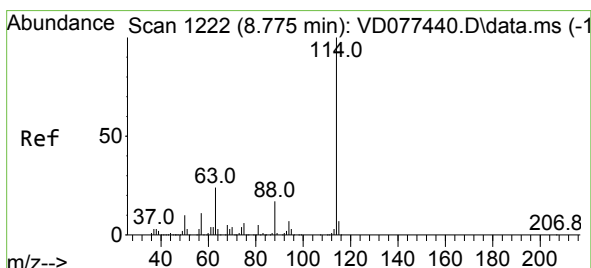
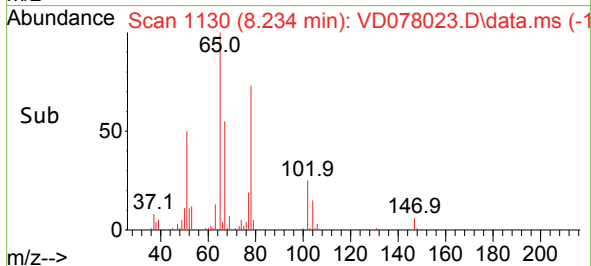
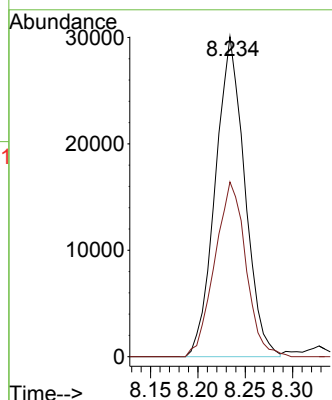
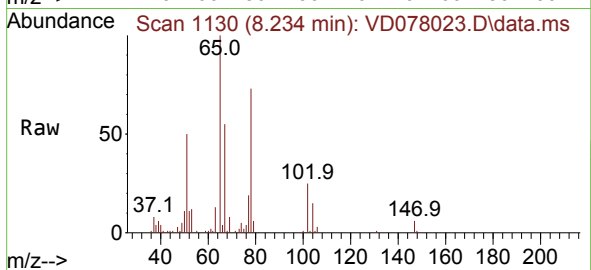
ClientSampleId :

Tgt Ion: 65 Resp: 64789

Ion Ratio Lower Upper

65 100

67 57.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

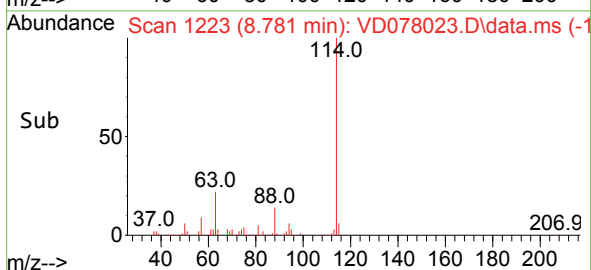
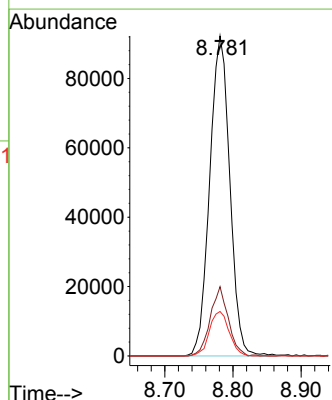
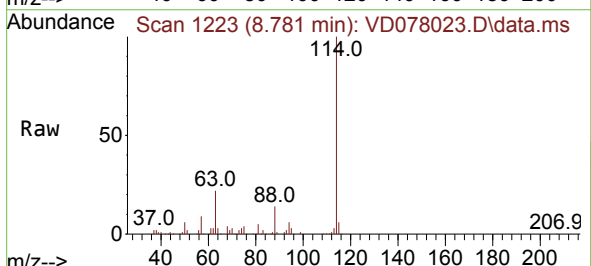
Tgt Ion: 114 Resp: 189355

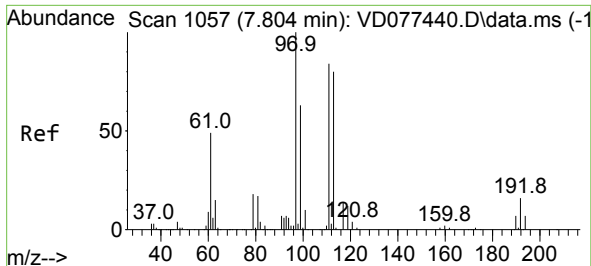
Ion Ratio Lower Upper

114 100

63 21.7 0.0 33.4

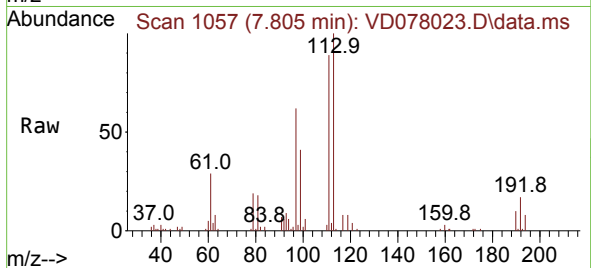
88 13.9 0.0 26.2



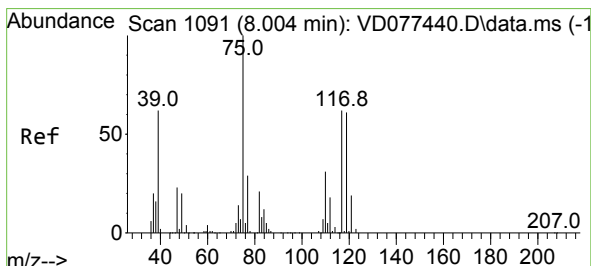
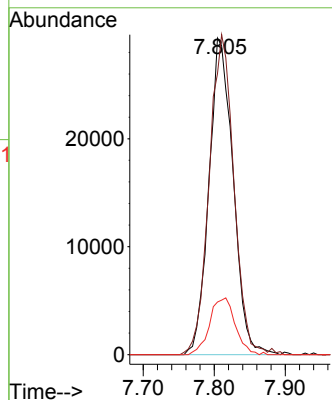
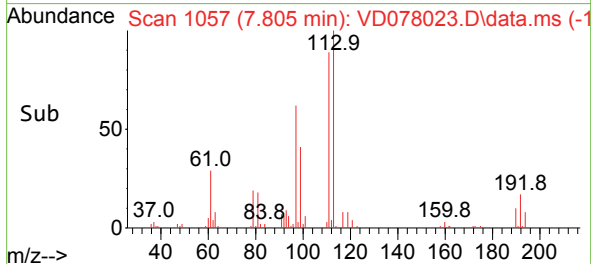


#35
Dibromofluoromethane
Concen: 52.373 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

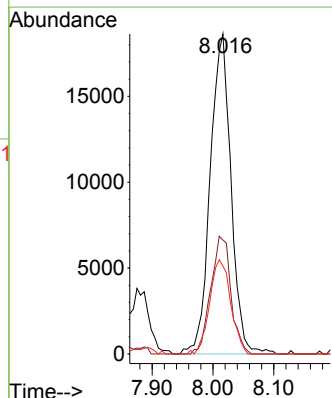
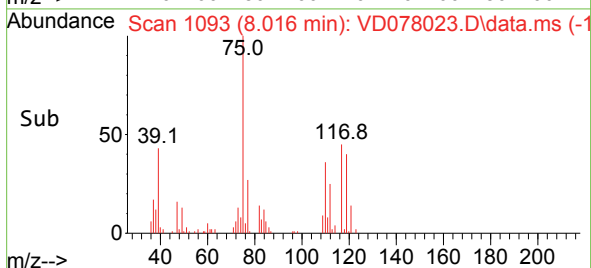
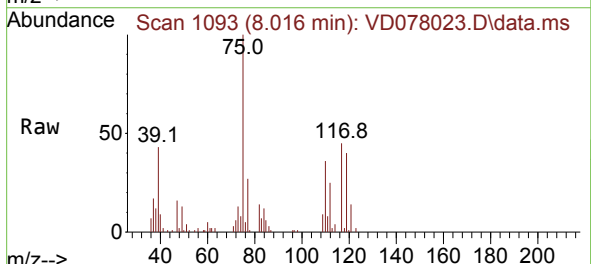


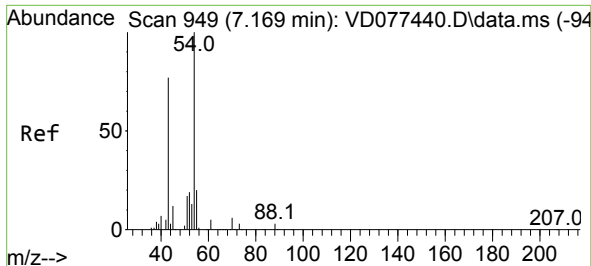
Tgt Ion:113 Resp: 69466
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.860 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

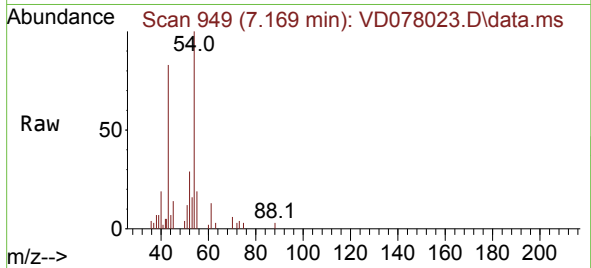
Tgt Ion: 75 Resp: 44257
Ion Ratio Lower Upper
75 100
110 35.6 19.9 59.6
77 29.7 24.7 37.1



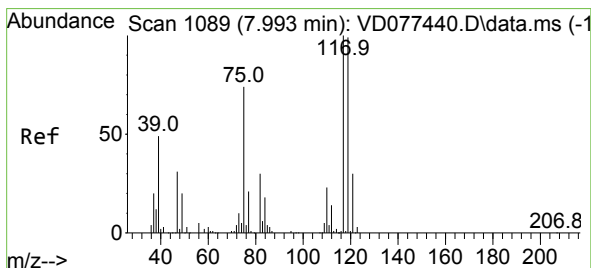
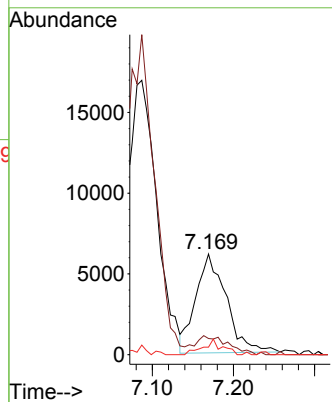
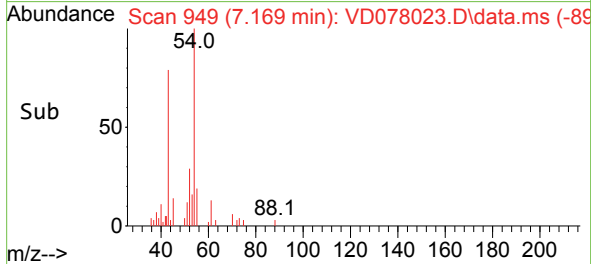


#37
Ethyl Acetate
Concen: 19.420 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

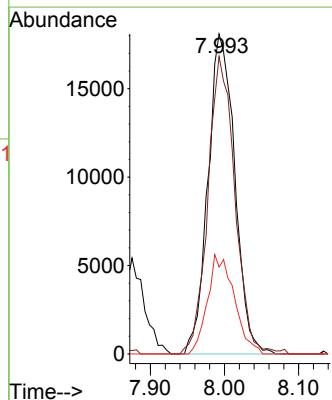
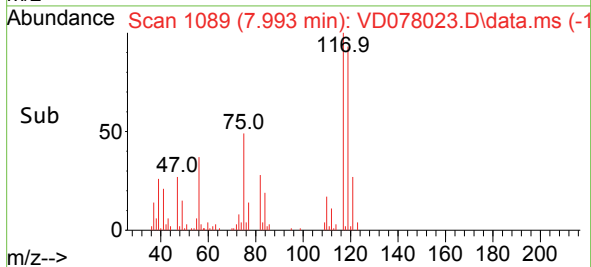
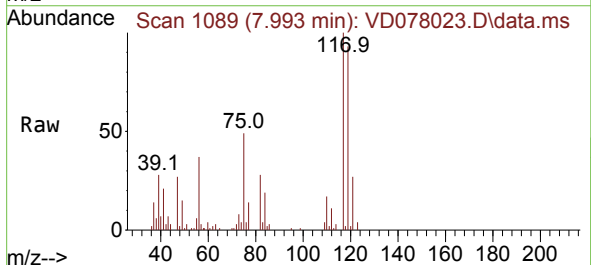


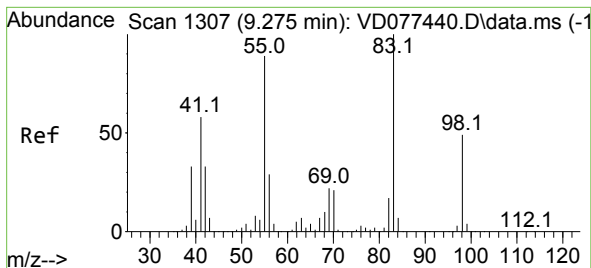
Tgt Ion: 43 Resp: 16065
Ion Ratio Lower Upper
43 100
61 20.8 14.9 22.3
70 9.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 21.509 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 117 Resp: 45494
Ion Ratio Lower Upper
117 100
119 92.9 78.0 117.0
121 27.1 24.2 36.2





#39

Methylcyclohexane

Concen: 18.321 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

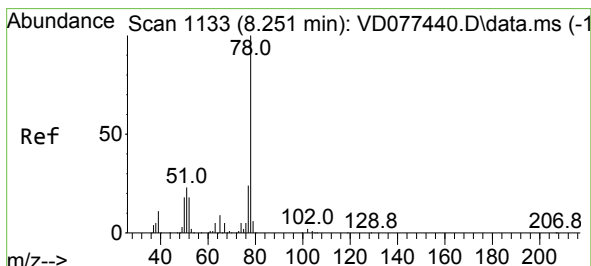
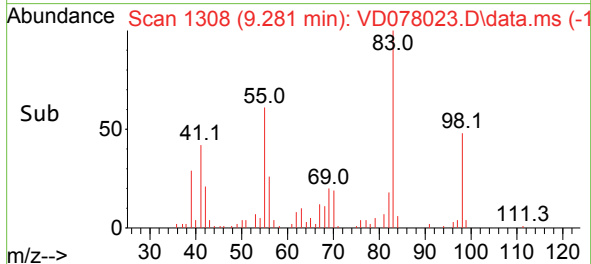
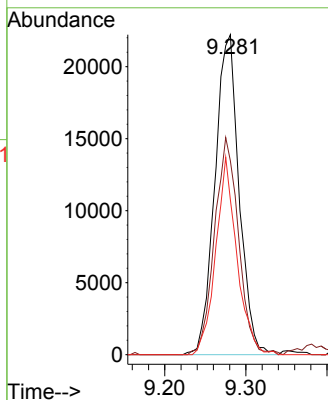
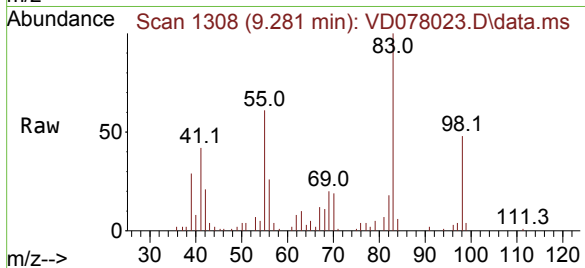
Tgt Ion: 83 Resp: 46080

Ion Ratio Lower Upper

83 100

55 60.6 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 22.014 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078023.D

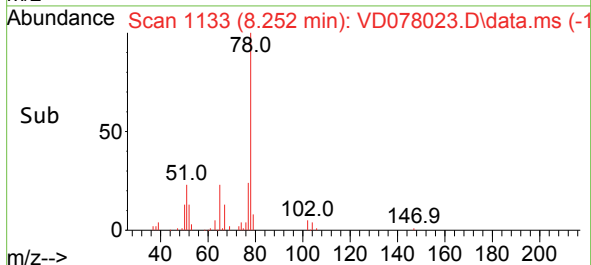
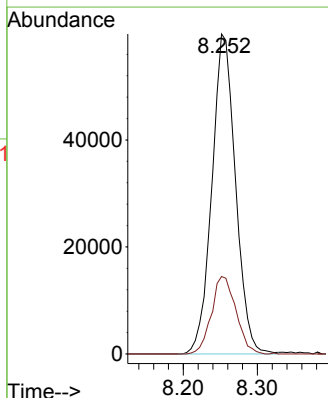
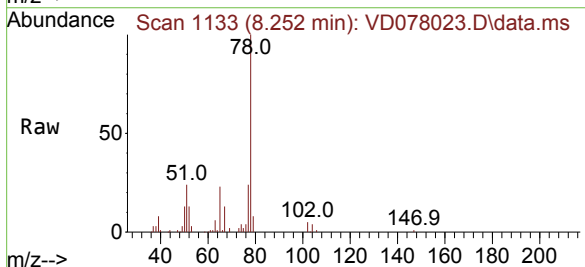
Acq: 21 Dec 2023 13:44

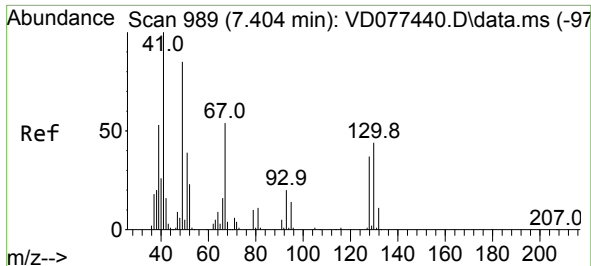
Tgt Ion: 78 Resp: 132559

Ion Ratio Lower Upper

78 100

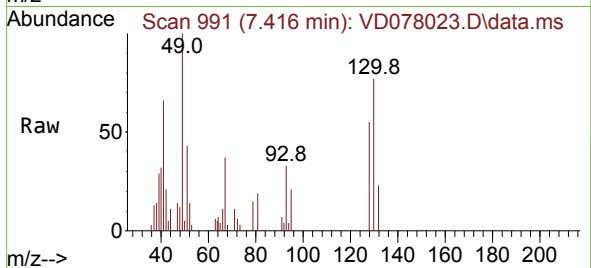
77 24.2 19.4 29.0



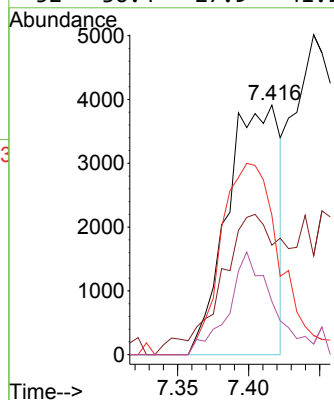
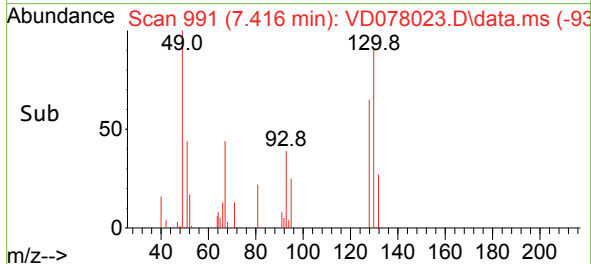


#41
Methacrylonitrile
Concen: 23.769 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.012 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

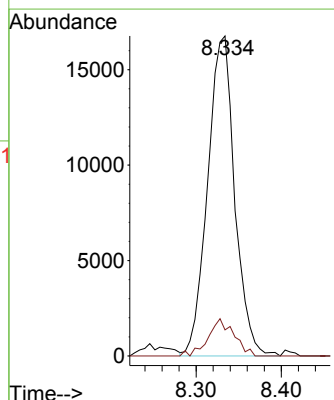
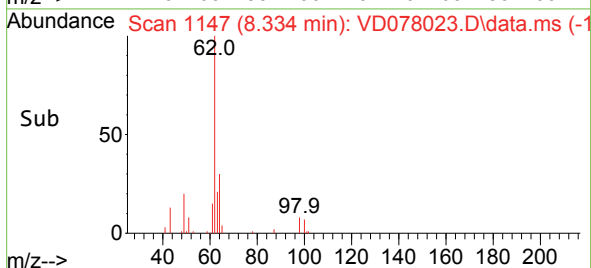
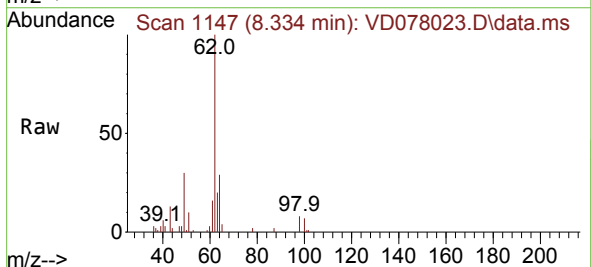


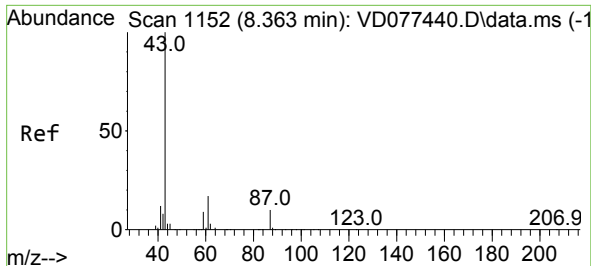
Tgt Ion: 41 Resp: 9994
Ion Ratio Lower Upper
41 100
39 66.1 34.0 51.0#
67 86.7 77.0 115.4
52 36.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 23.733 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

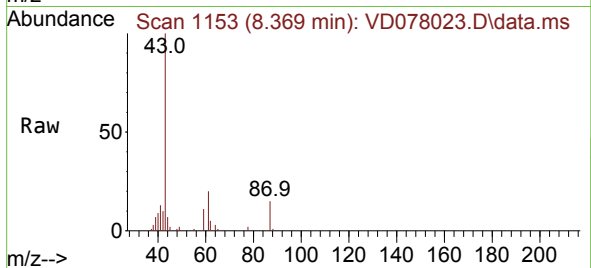
Tgt Ion: 62 Resp: 37044
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4



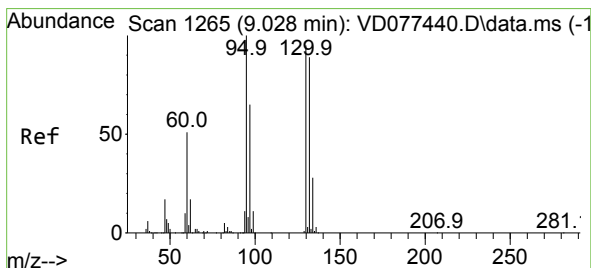
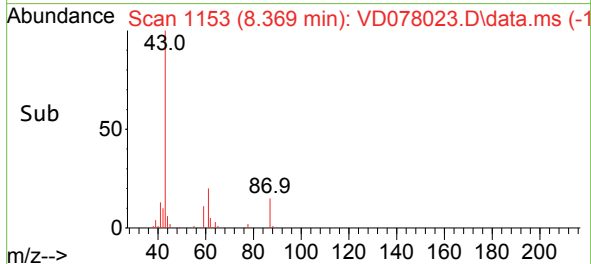
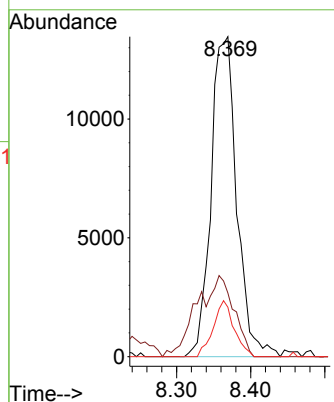


#43
Isopropyl Acetate
Concen: 22.071 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

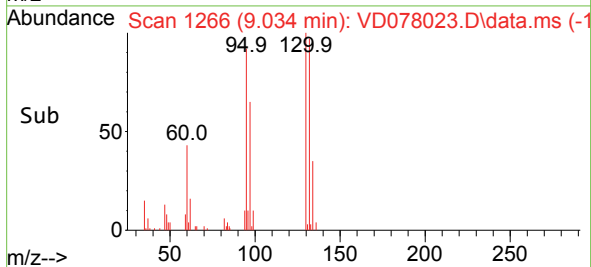
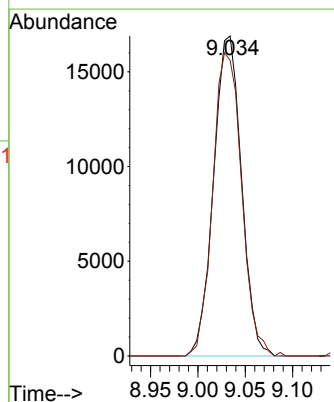
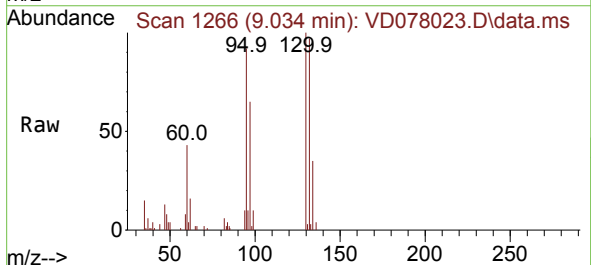


Tgt Ion: 43 Resp: 32457
Ion Ratio Lower Upper
43 100
61 22.6 31.4 47.0#
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 22.025 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:130 Resp: 34561
Ion Ratio Lower Upper
130 100
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.620 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

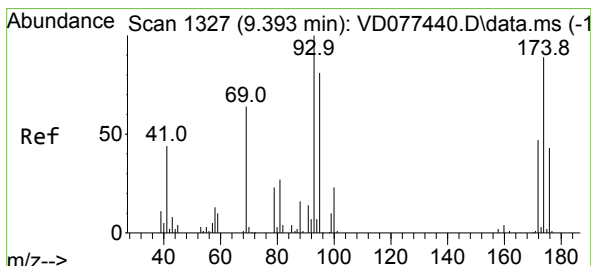
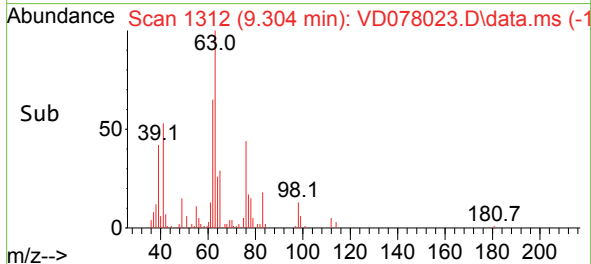
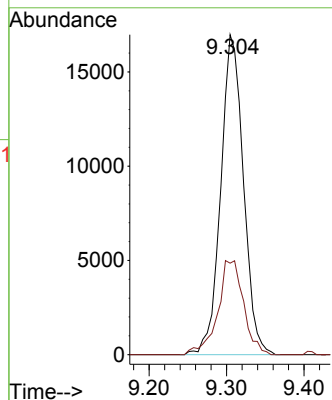
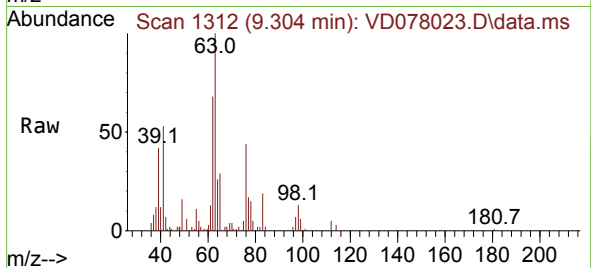
ClientSampleId :

Tgt Ion: 63 Resp: 34575

Ion Ratio Lower Upper

63 100

65 28.6 24.5 36.7



#46

Dibromomethane

Concen: 24.385 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

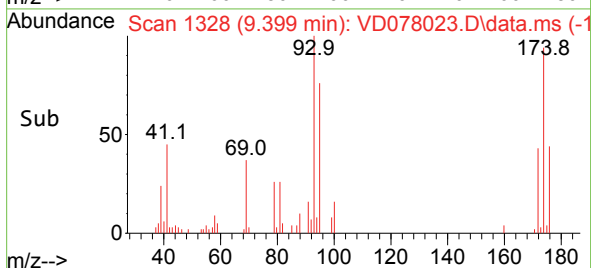
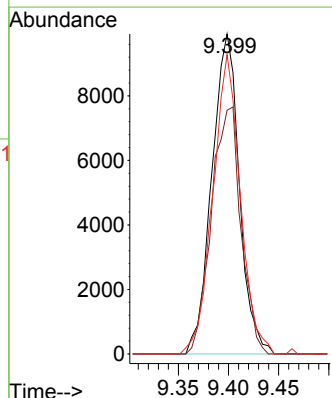
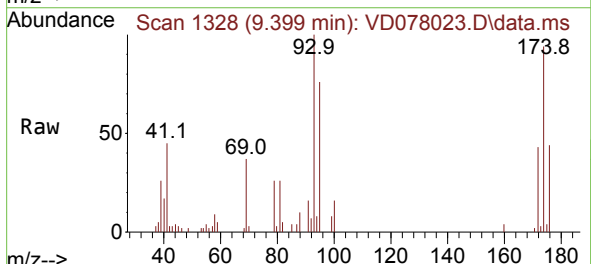
Tgt Ion: 93 Resp: 18887

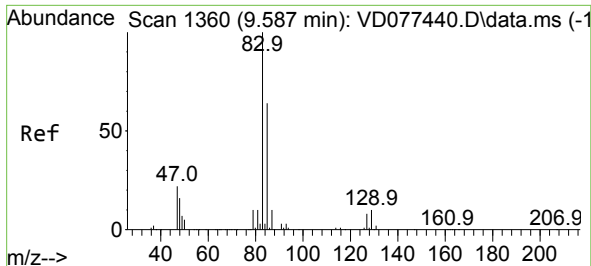
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

174 93.6 85.4 128.2

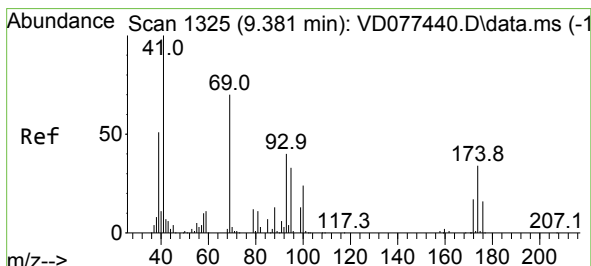
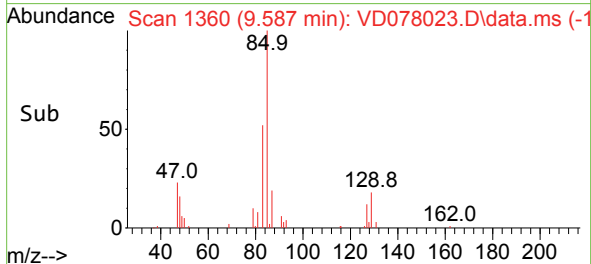
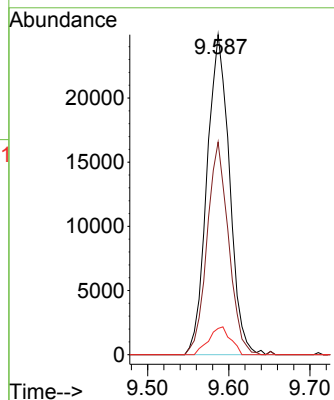
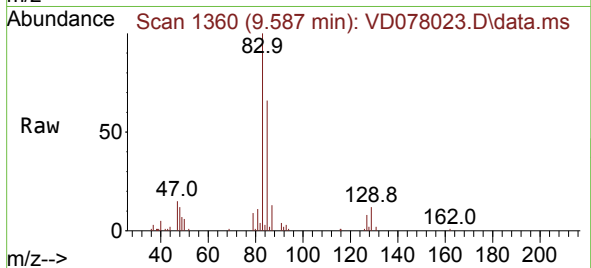




#47
Bromodichloromethane
Concen: 24.481 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

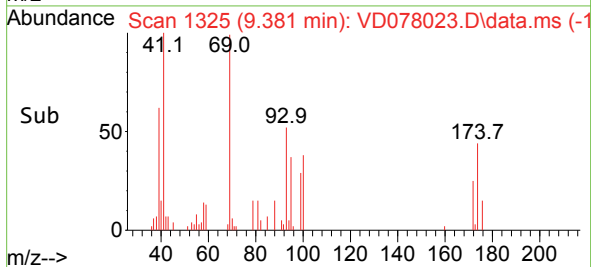
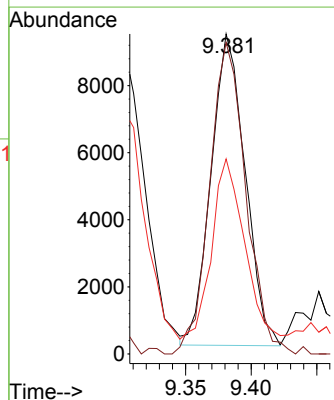
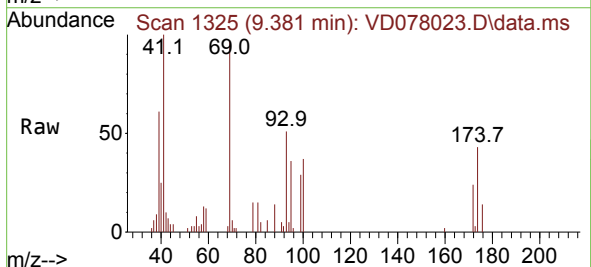
Instrument :
MSVOA_D
ClientSampleId :

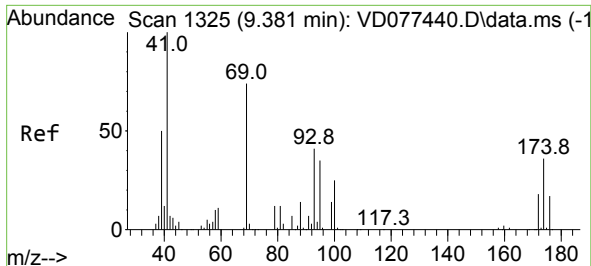
Tgt Ion: 83 Resp: 48060
Ion Ratio Lower Upper
83 100
85 66.4 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 20.090 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 41 Resp: 16794
Ion Ratio Lower Upper
41 100
69 106.0 102.2 153.2
39 55.4 41.4 62.2





#49

1,4-Dioxane

Concen: 425.313 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

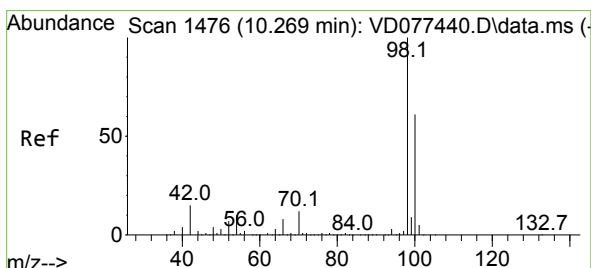
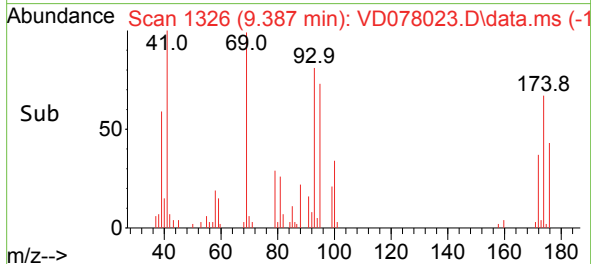
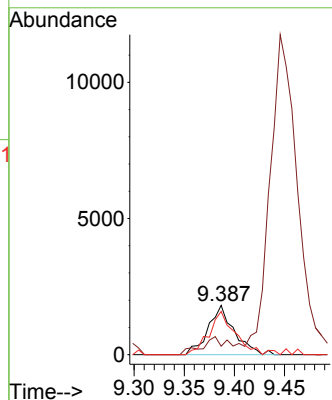
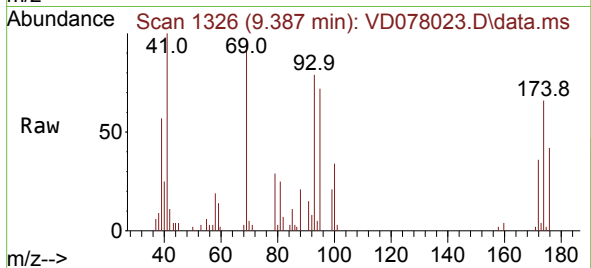
Tgt Ion: 88 Resp: 3271

Ion Ratio Lower Upper

88 100

43 35.2 19.0 28.6#

58 86.6 43.5 65.3#



#50

Toluene-d8

Concen: 49.820 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078023.D

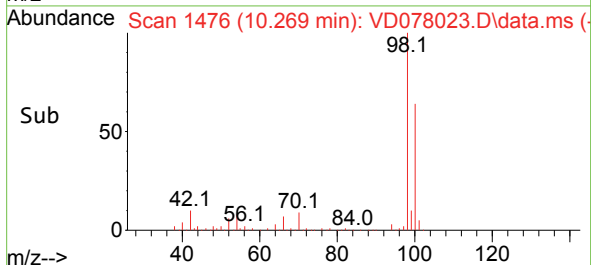
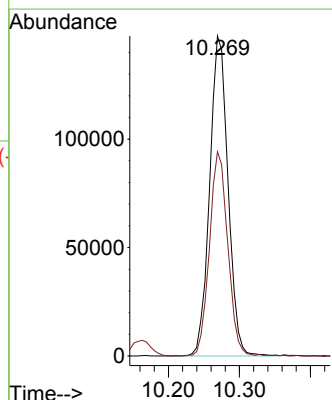
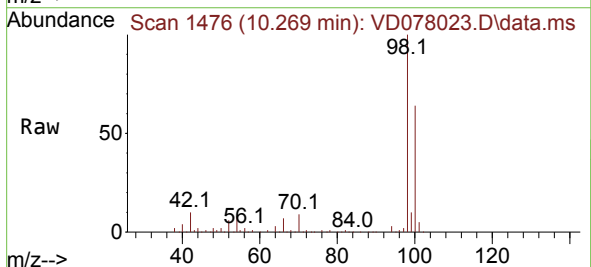
Acq: 21 Dec 2023 13:44

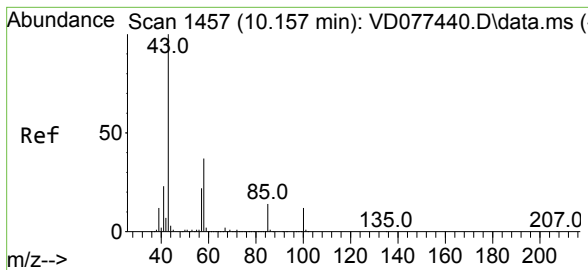
Tgt Ion: 98 Resp: 264660

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

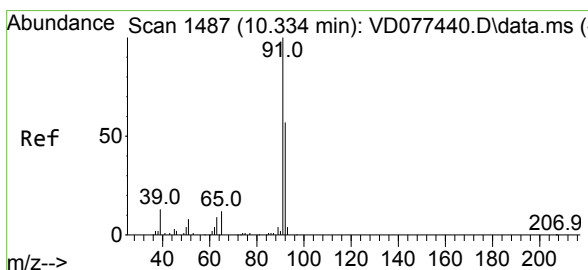
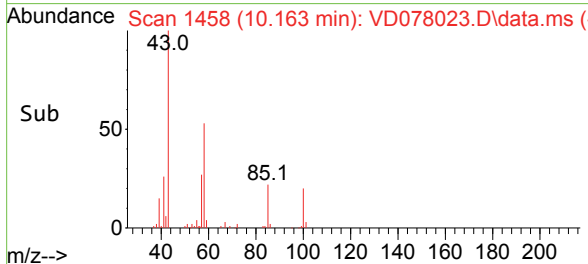
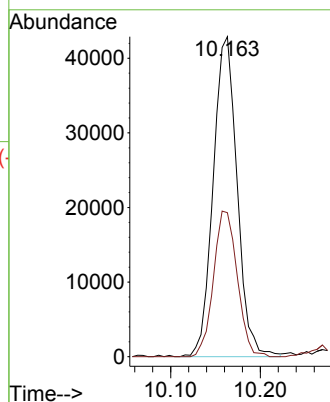
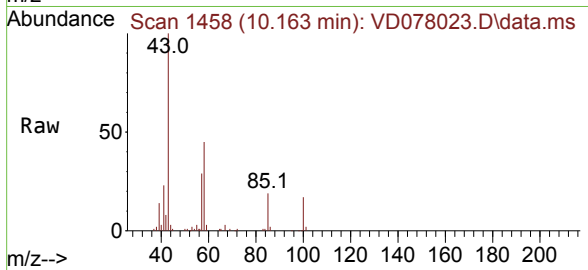




#51
4-Methyl-2-Pentanone
Concen: 105.867 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

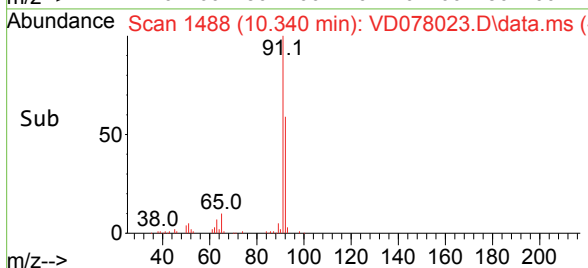
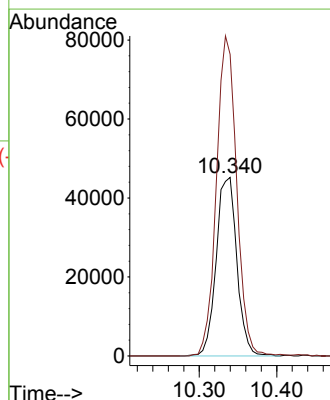
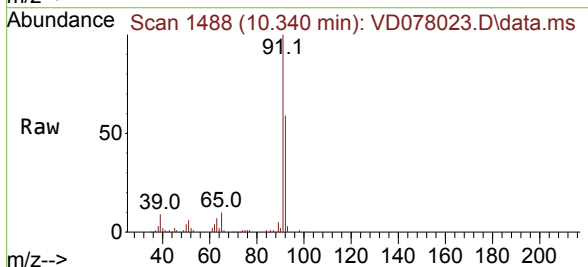
Instrument :
MSVOA_D
ClientSampleId :

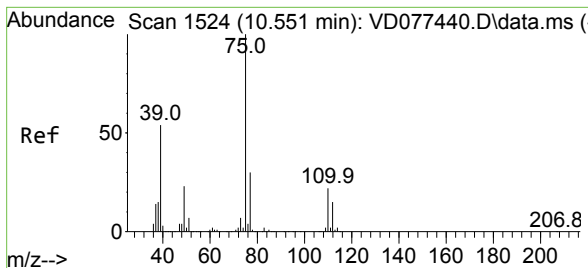
Tgt Ion: 43 Resp: 79455
Ion Ratio Lower Upper
43 100
58 45.2 38.9 58.3



#52
Toluene
Concen: 22.487 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 92 Resp: 83992
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4

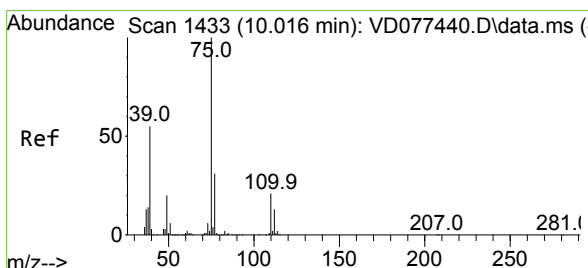
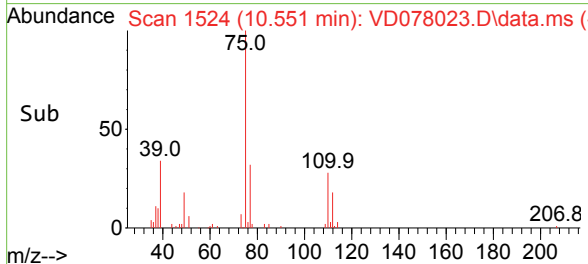
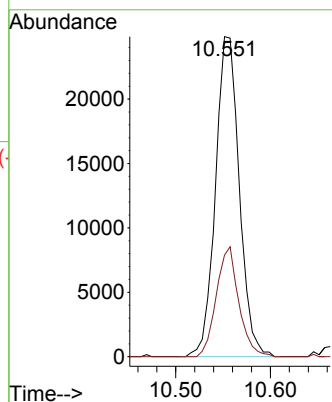
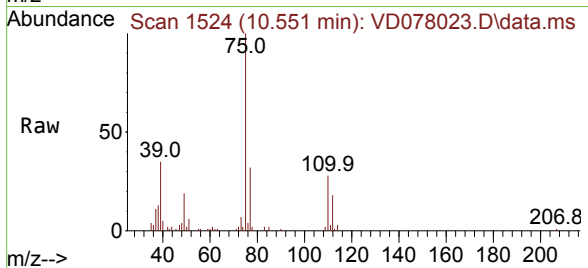




#53
 t-1,3-Dichloropropene
 Concen: 23.032 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

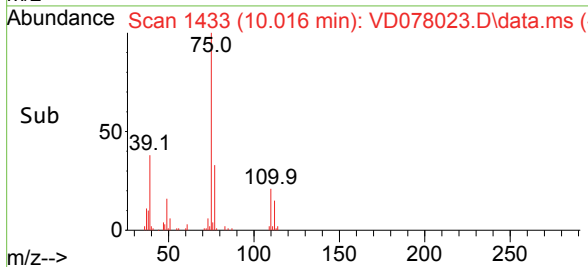
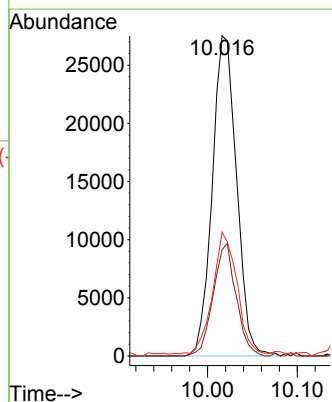
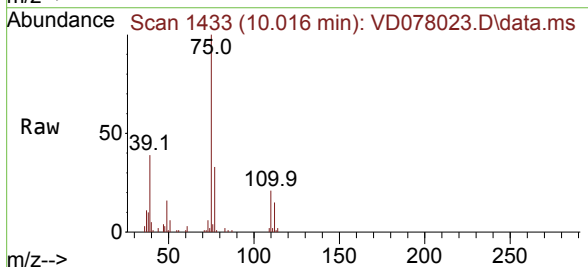
Instrument :
 MSVOA_D
 ClientSampleId :

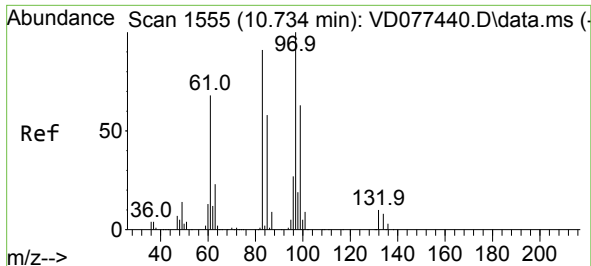
Tgt Ion: 75 Resp: 43421
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.733 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

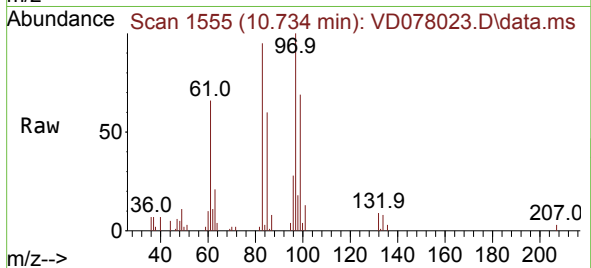
Tgt Ion: 75 Resp: 51815
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 39 38.0 22.1 33.1#



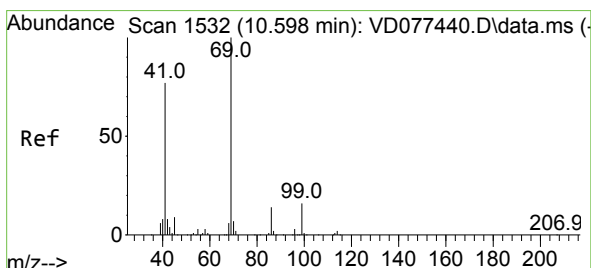
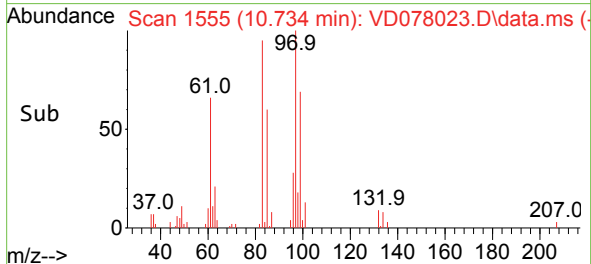
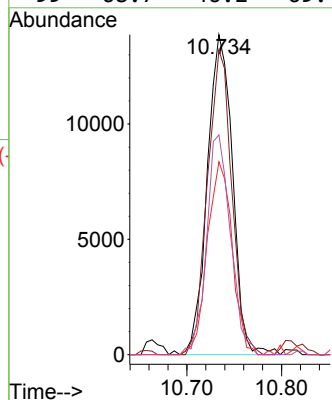


#55
1,1,2-Trichloroethane
Concen: 24.257 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

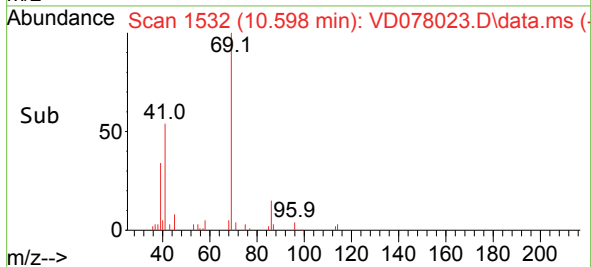
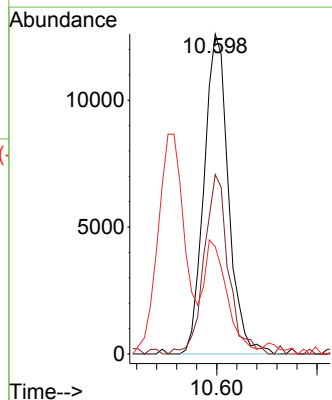
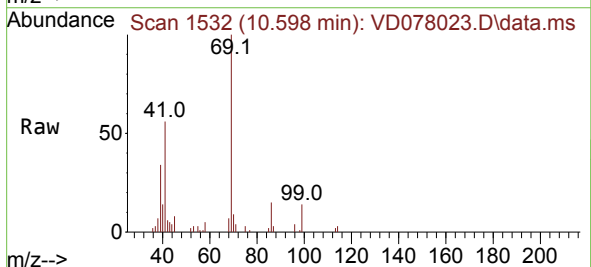


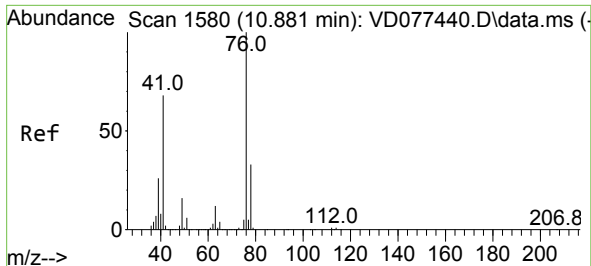
Tgt Ion: 97	Resp: 25699
Ion Ratio	Lower Upper
97 100	
83 95.1	65.8 98.6
85 60.2	45.7 68.5
99 68.7	46.2 69.4



#56
Ethyl methacrylate
Concen: 22.850 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

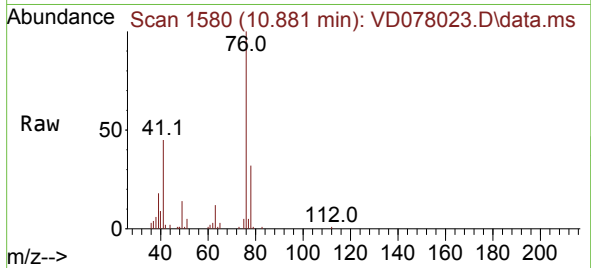
Tgt Ion: 69	Resp: 21340
Ion Ratio	Lower Upper
69 100	
41 55.9	39.1 58.7
39 32.9	20.0 30.0#



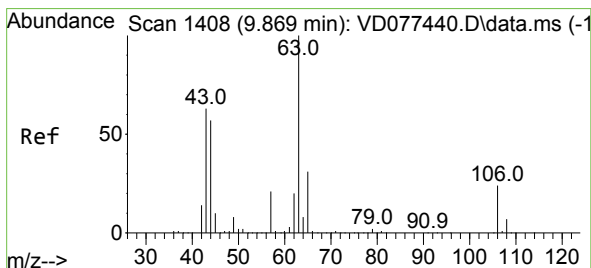
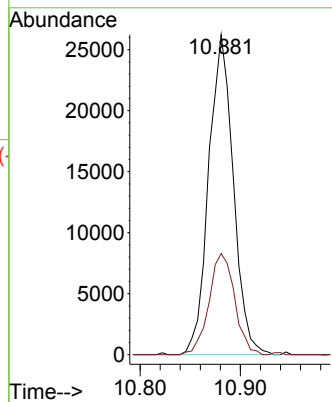
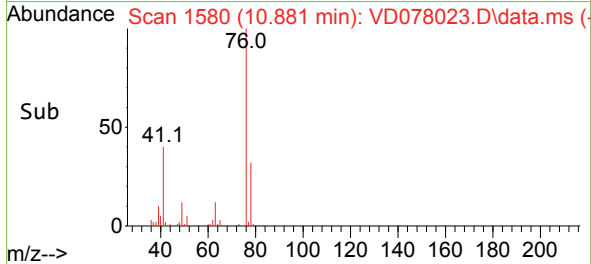


#57
1,3-Dichloropropane
Concen: 24.549 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

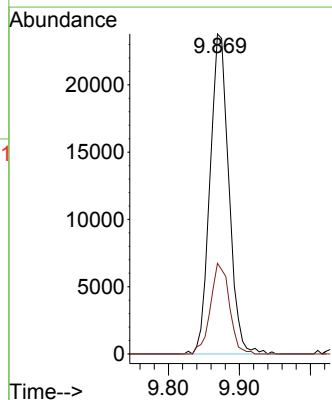
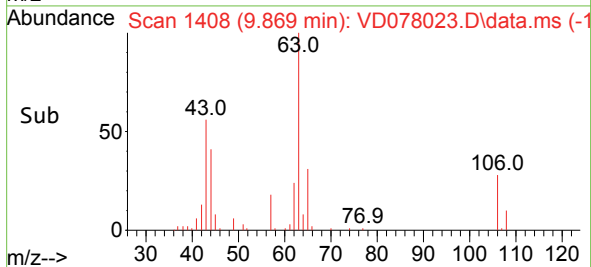
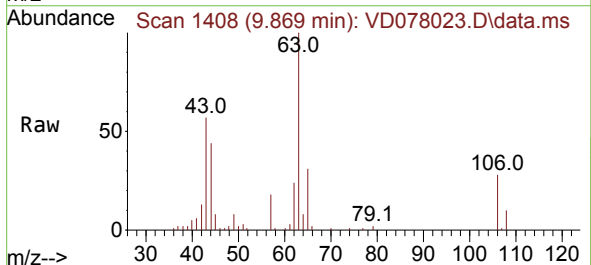


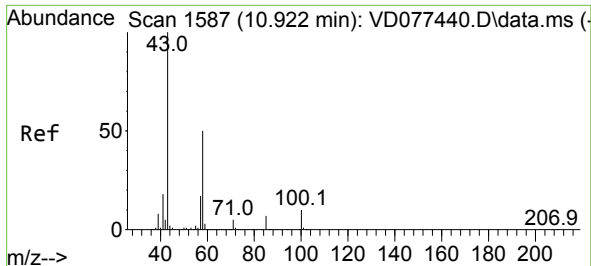
Tgt Ion: 76 Resp: 44831
Ion Ratio Lower Upper
76 100
78 32.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 82.283 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 63 Resp: 43823
Ion Ratio Lower Upper
63 100
106 28.4 25.3 37.9

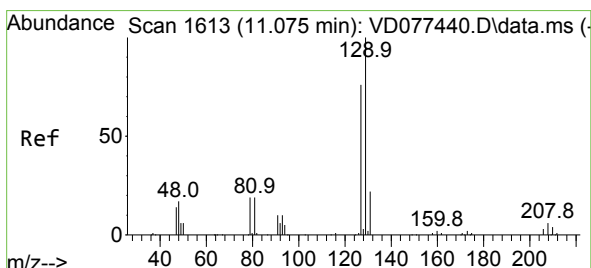
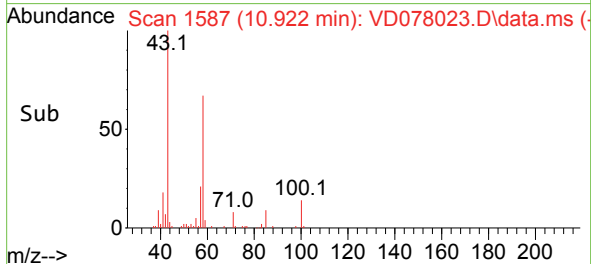
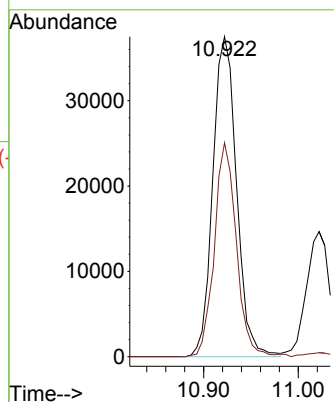
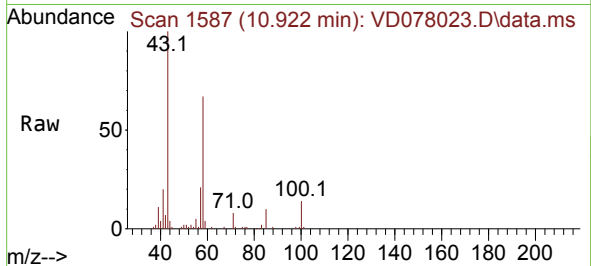




#59
2-Hexanone
Concen: 104.641 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

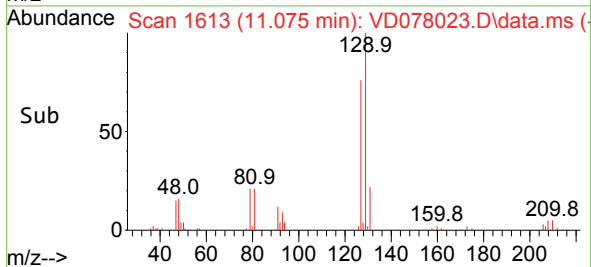
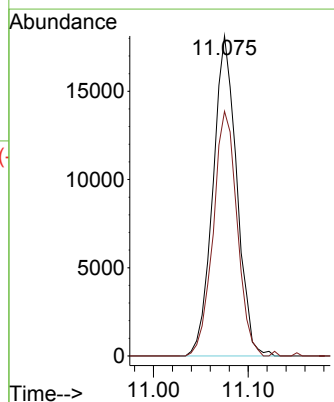
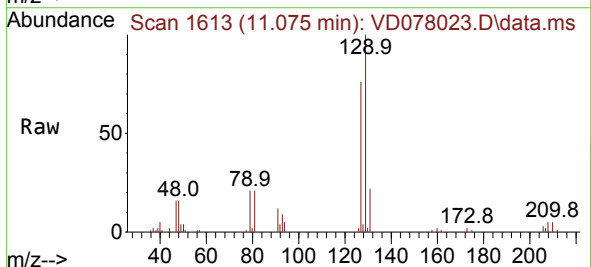
Instrument :
MSVOA_D
ClientSampleId :

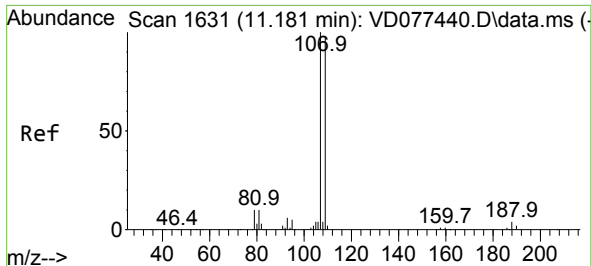
Tgt Ion: 43 Resp: 65156
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2



#60
Dibromochloromethane
Concen: 24.803 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:129 Resp: 31637
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

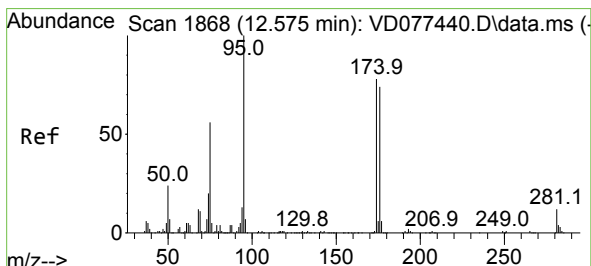
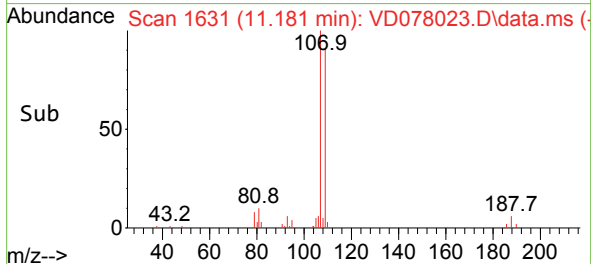
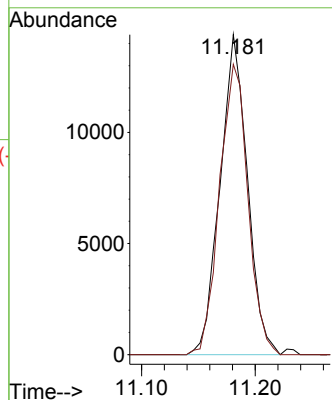
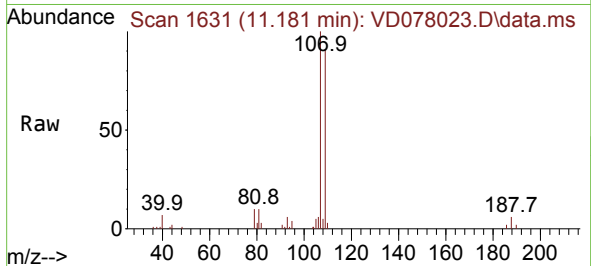




#61
1,2-Dibromoethane
Concen: 24.135 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

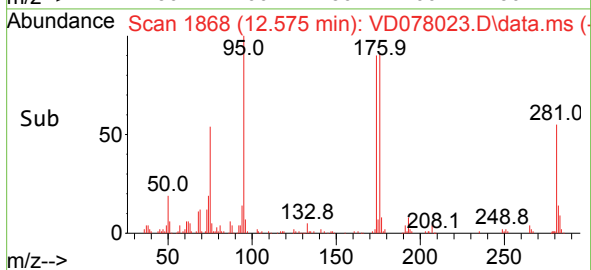
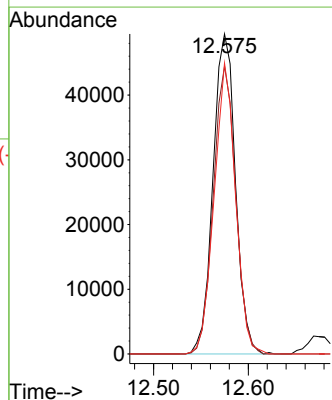
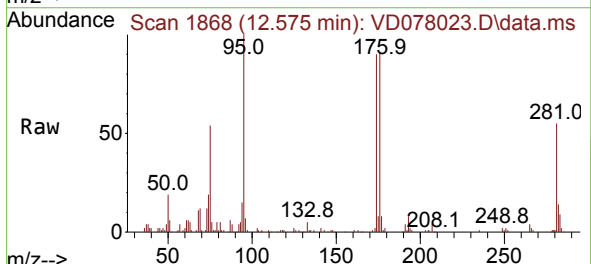
Instrument :
MSVOA_D
ClientSampleId :

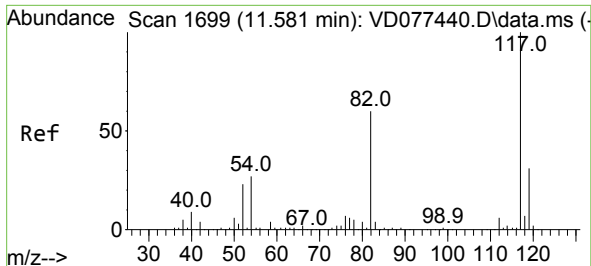
Tgt Ion:107 Resp: 24069
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.181 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 95 Resp: 81287
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 87.0 0.0 191.8

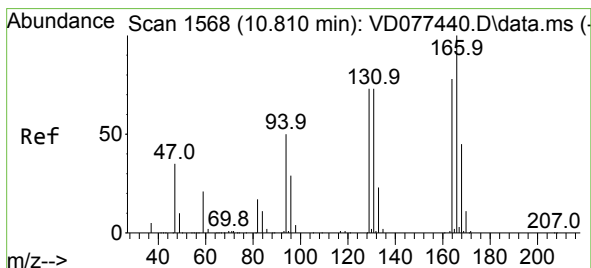
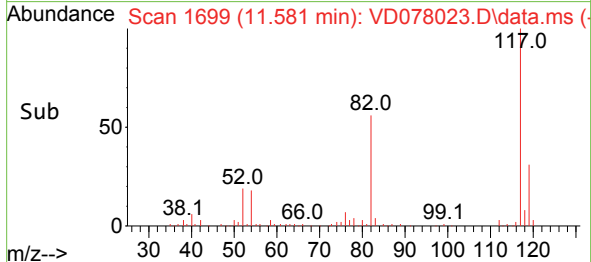
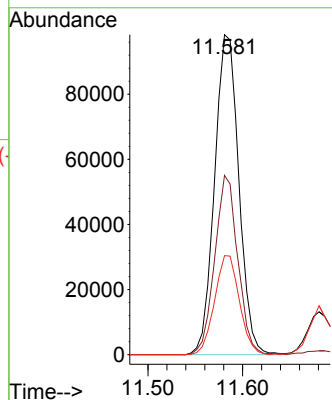
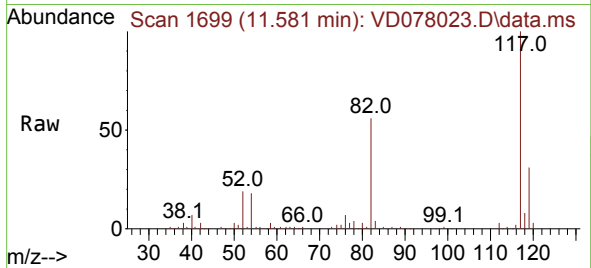




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

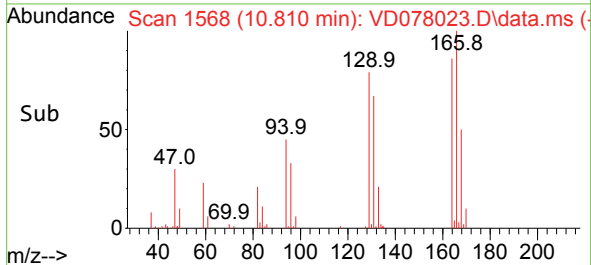
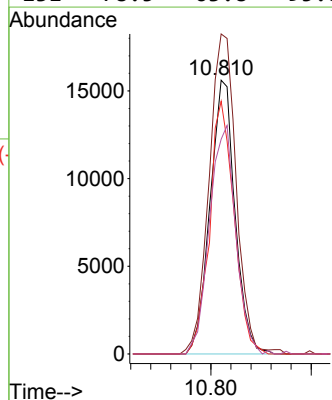
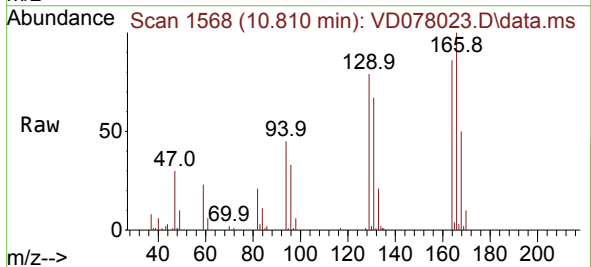
Instrument :
MSVOA_D
ClientSampleId :

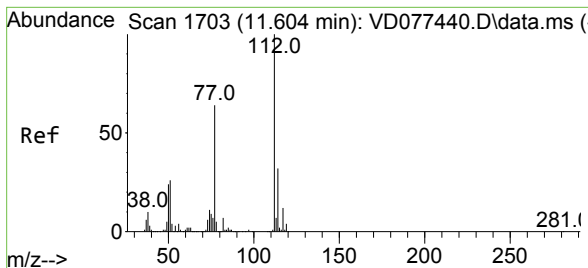
Tgt Ion:117 Resp: 175090
Ion Ratio Lower Upper
117 100
82 56.1 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 21.047 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:164 Resp: 27085
Ion Ratio Lower Upper
164 100
166 116.9 99.2 148.8
129 92.3 68.4 102.6
131 78.5 63.8 95.8





#65

Chlorobenzene

Concen: 21.669 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

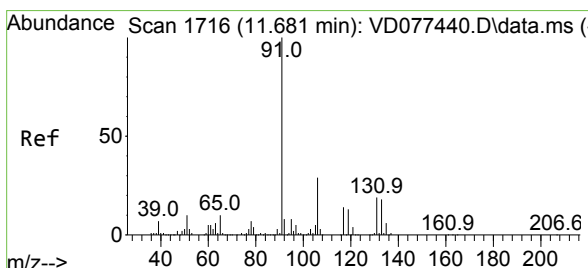
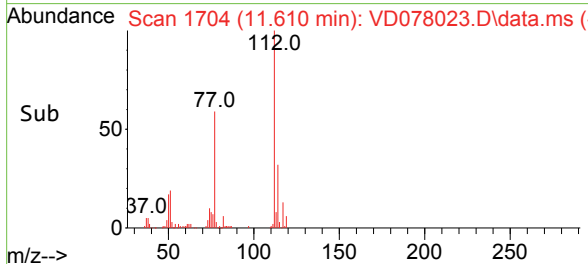
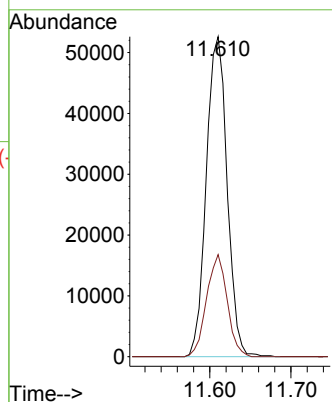
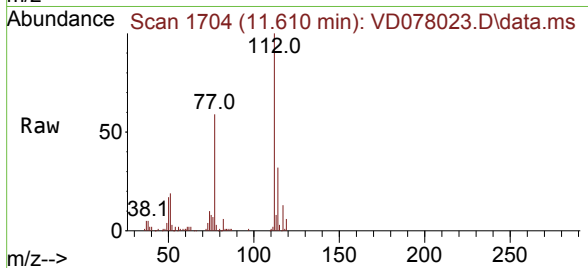
ClientSampleId :

Tgt Ion:112 Resp: 93779

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 24.076 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

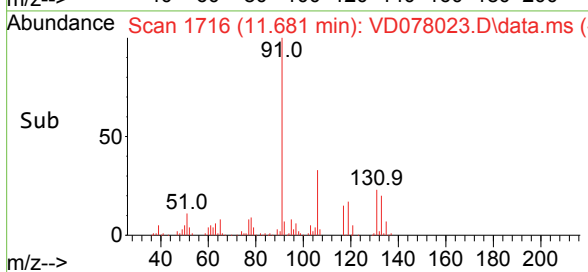
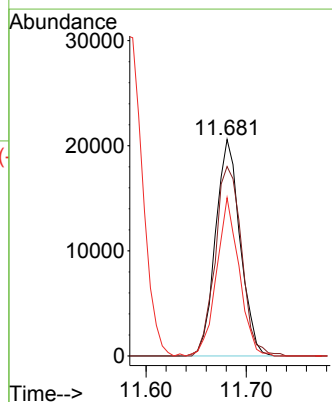
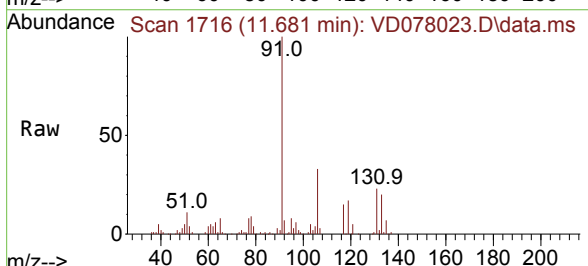
Tgt Ion:131 Resp: 35054

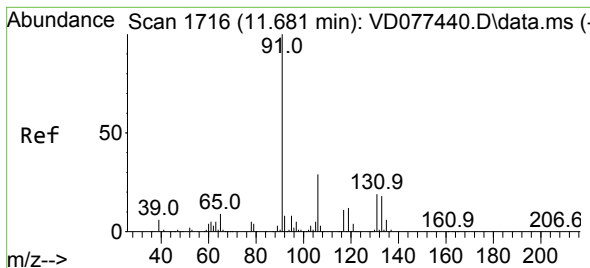
Ion Ratio Lower Upper

131 100

133 94.2 48.5 145.5

119 67.2 35.6 106.9





#67

Ethyl Benzene

Concen: 22.082 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

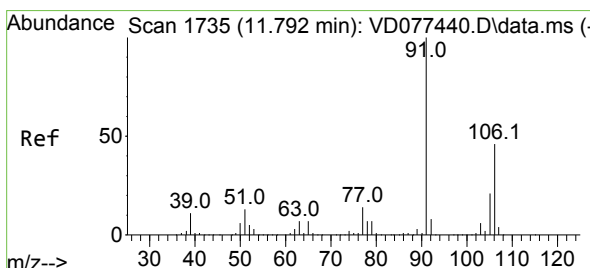
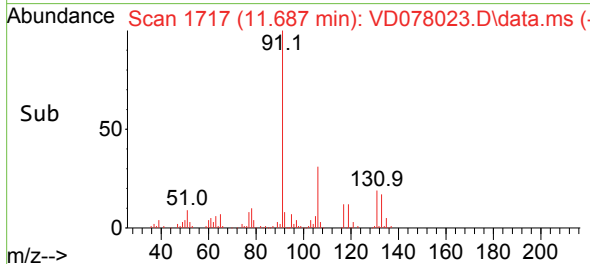
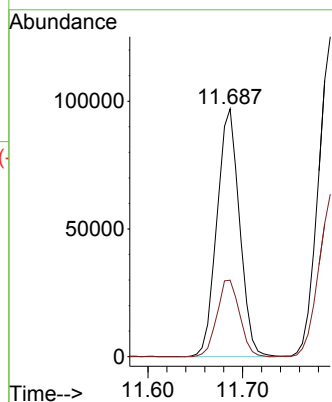
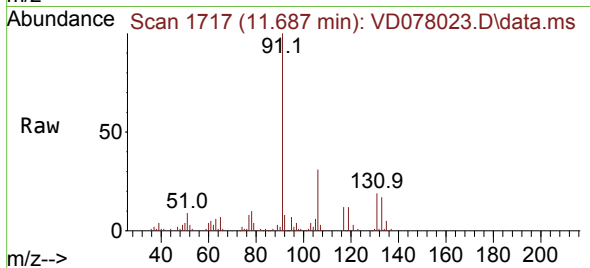
ClientSampleId :

Tgt Ion: 91 Resp: 160968

Ion Ratio Lower Upper

91 100

106 30.9 26.5 39.7



#68

m/p-Xylenes

Concen: 44.125 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD078023.D

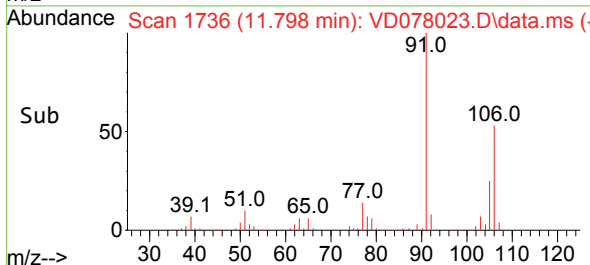
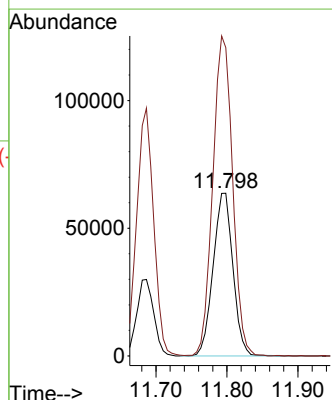
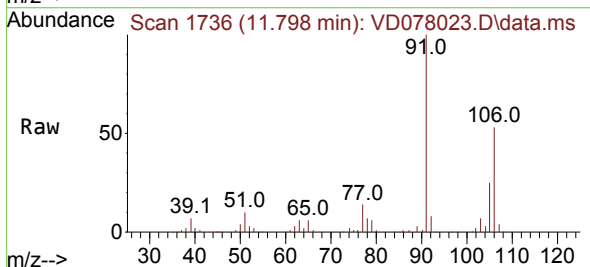
Acq: 21 Dec 2023 13:44

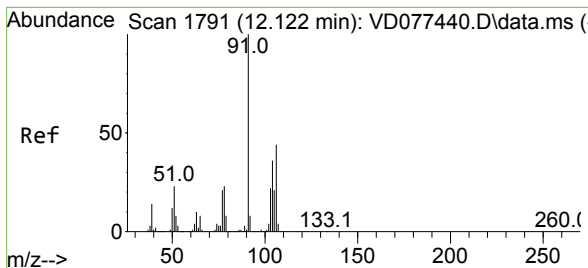
Tgt Ion:106 Resp: 123033

Ion Ratio Lower Upper

106 100

91 196.8 147.0 220.6

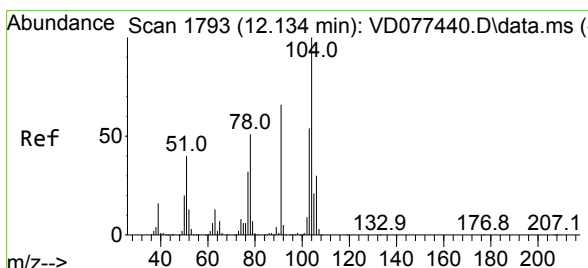
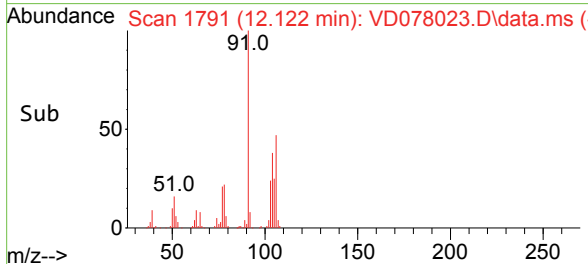
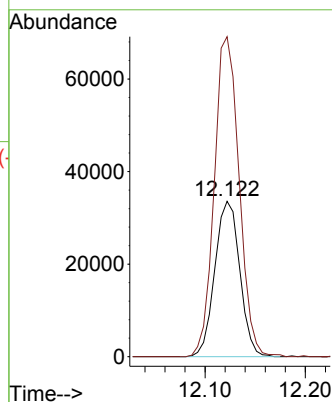
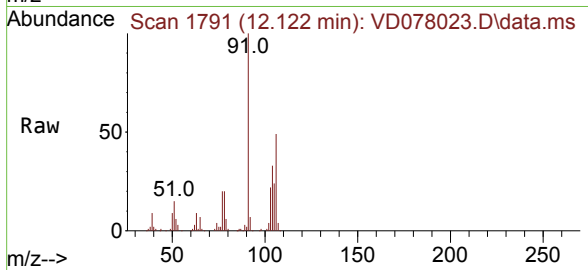




#69
o-Xylene
Concen: 22.519 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

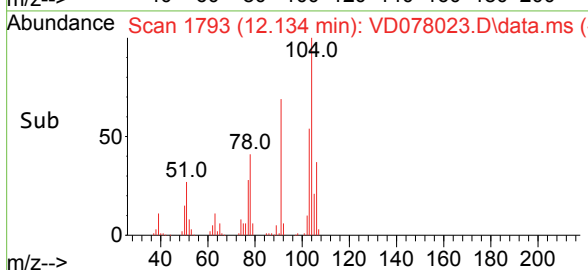
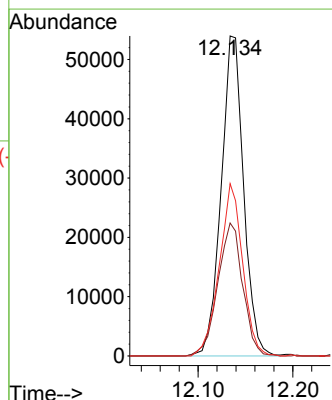
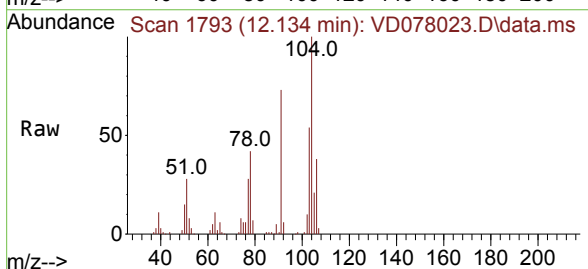
Instrument :
MSVOA_D
ClientSampleId :

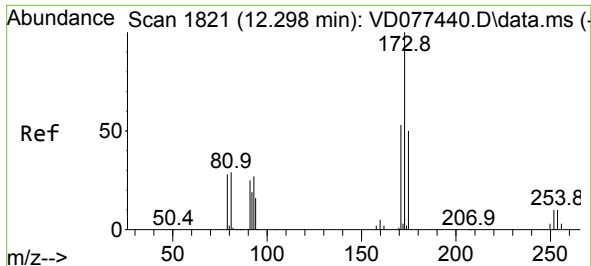
Tgt Ion:106 Resp: 57867
Ion Ratio Lower Upper
106 100
91 205.3 97.9 293.6



#70
Styrene
Concen: 23.334 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:104 Resp: 89162
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 55.8 43.6 65.4

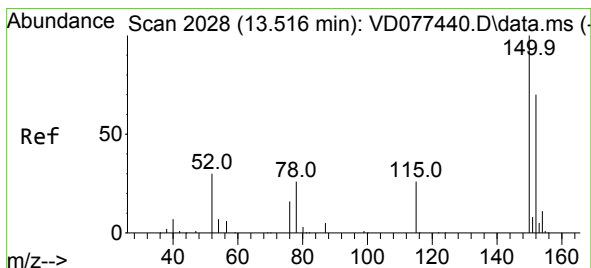
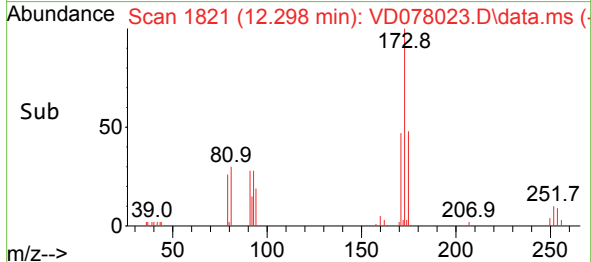
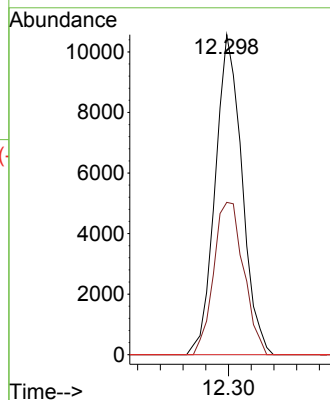
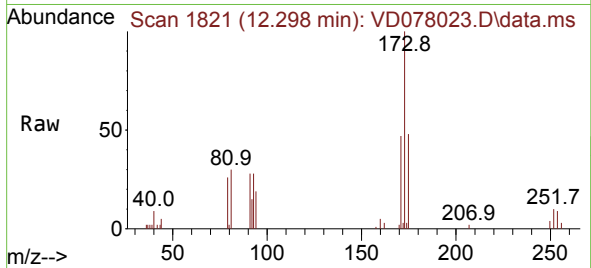




#71
Bromoform
Concen: 22.742 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

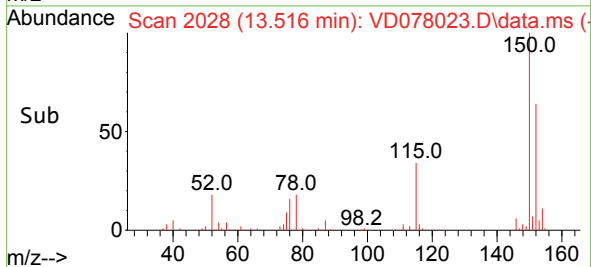
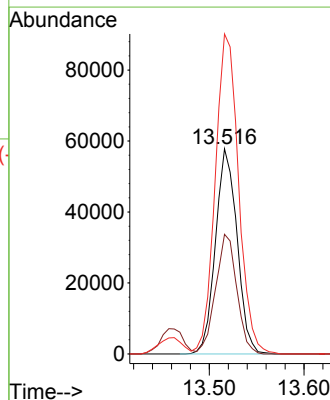
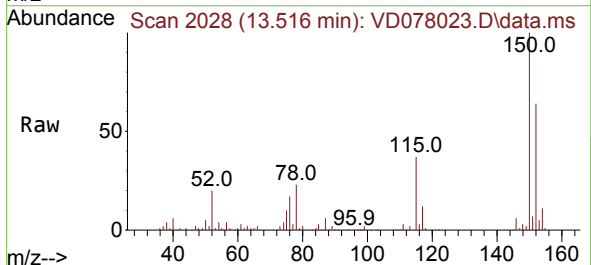
Instrument :
MSVOA_D
ClientSampleId :

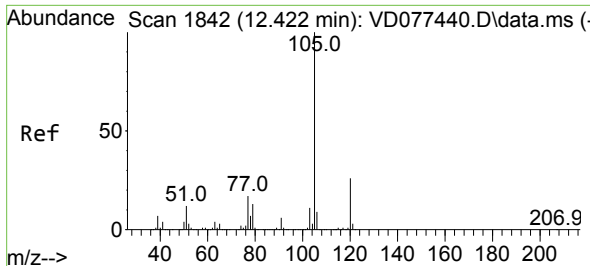
Tgt Ion:173 Resp: 17301
Ion Ratio Lower Upper
173 100
175 53.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

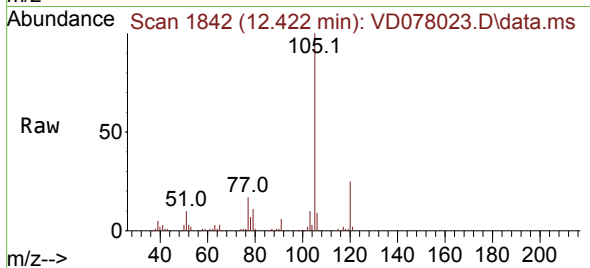
Tgt Ion:152 Resp: 91638
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 168.7 0.0 353.6



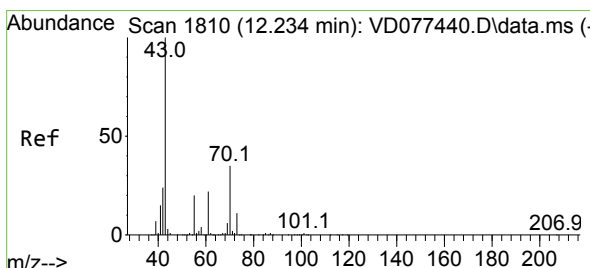
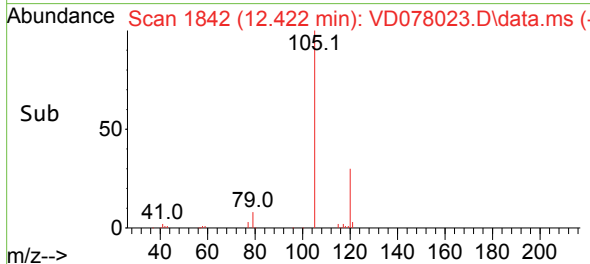
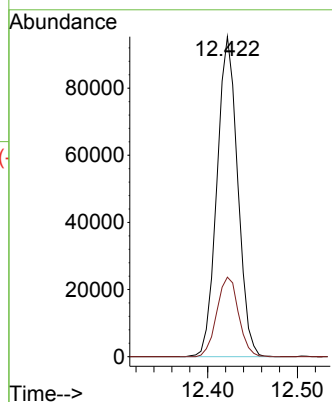


#73
Isopropylbenzene
Concen: 21.991 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

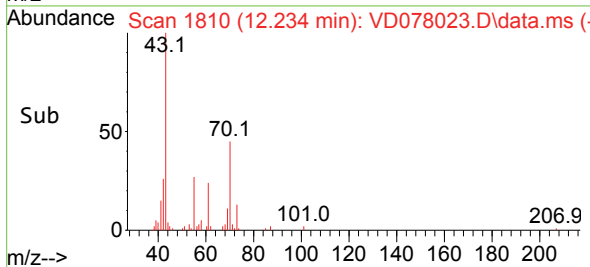
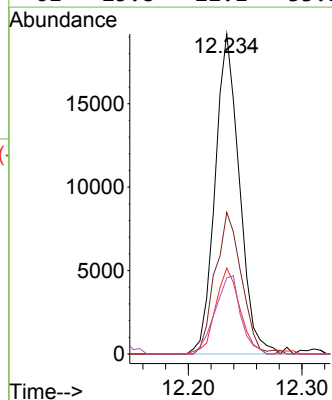
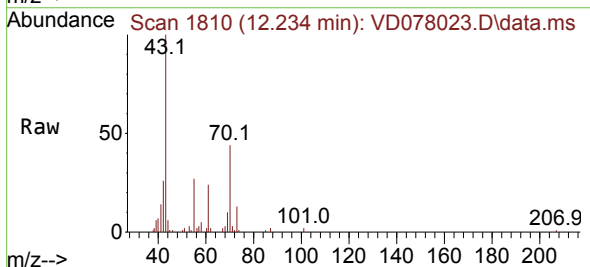


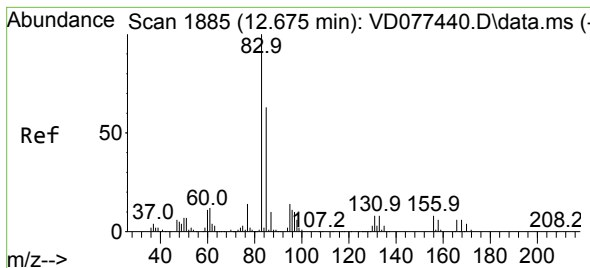
Tgt Ion:105 Resp: 152737
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 20.880 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 43 Resp: 28506
Ion Ratio Lower Upper
43 100
70 47.9 45.0 67.4
55 26.9 23.8 35.6
61 25.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 25.024 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

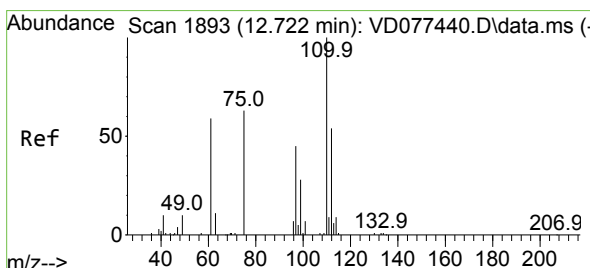
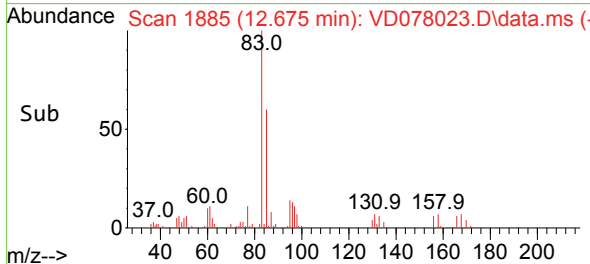
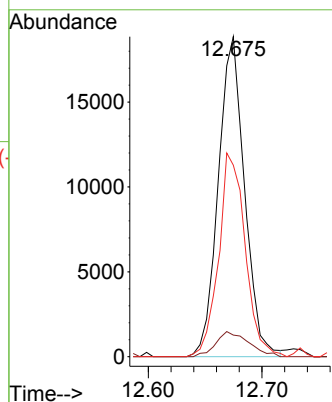
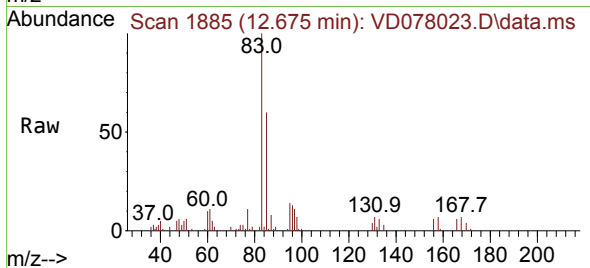
Tgt Ion: 83 Resp: 30304

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 64.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 44.484 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078023.D

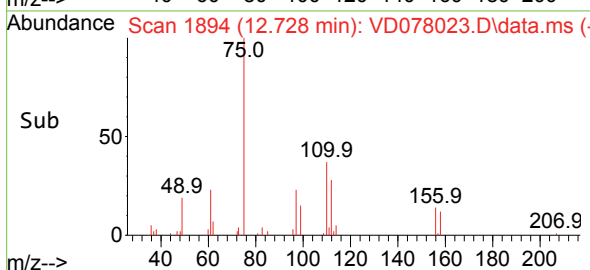
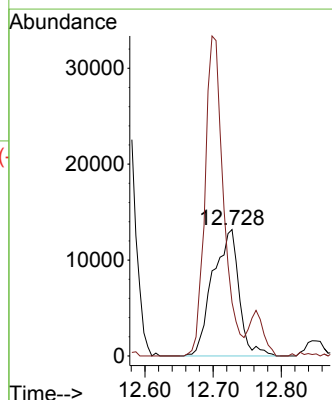
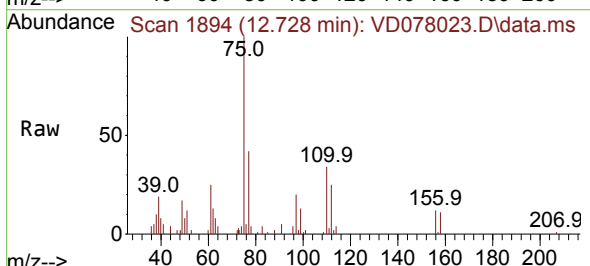
Acq: 21 Dec 2023 13:44

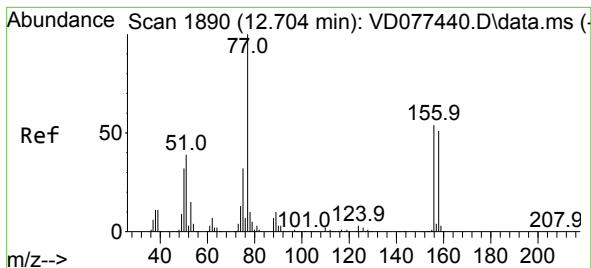
Tgt Ion: 75 Resp: 35404

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.334 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

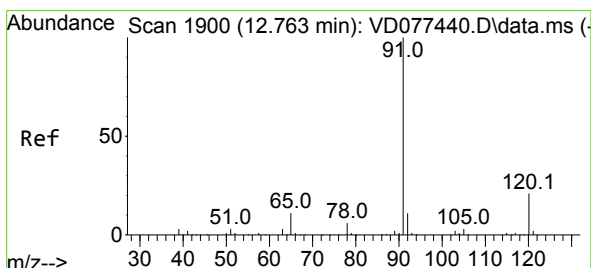
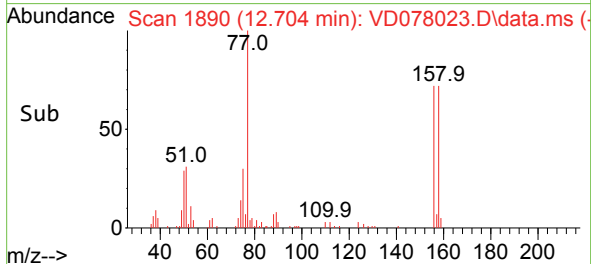
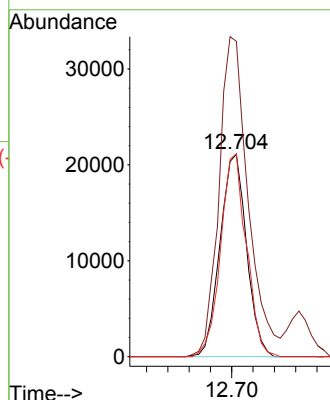
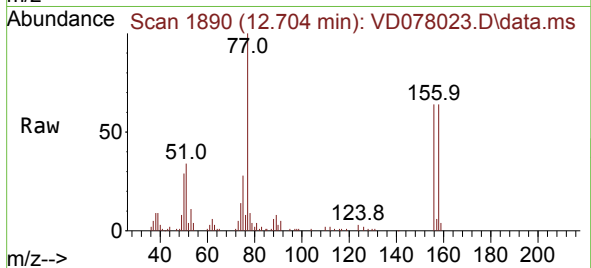
Tgt Ion:156 Resp: 36486

Ion Ratio Lower Upper

156 100

77 174.0 76.8 230.4

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 22.184 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078023.D

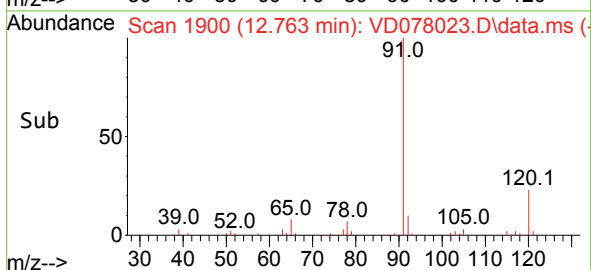
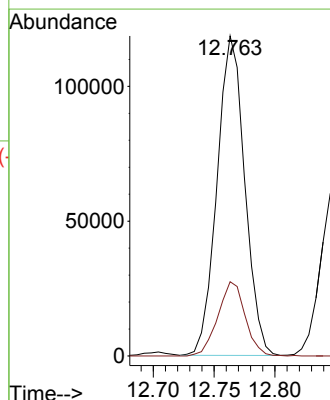
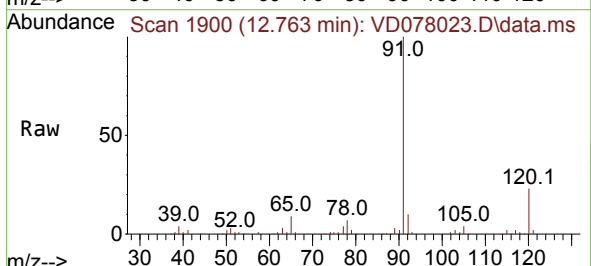
Acq: 21 Dec 2023 13:44

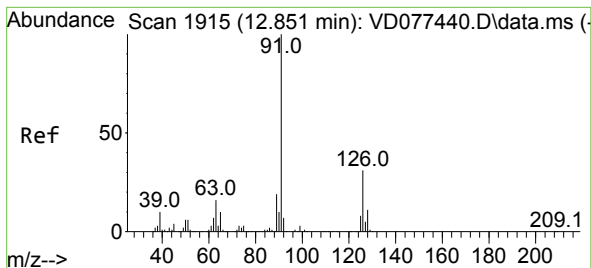
Tgt Ion: 91 Resp: 187749

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

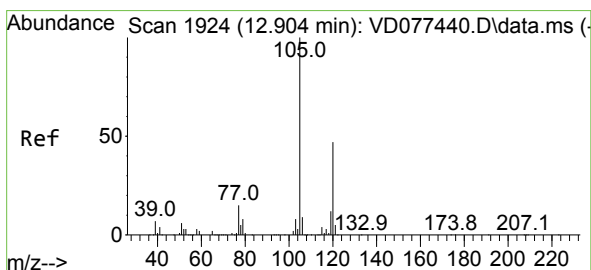
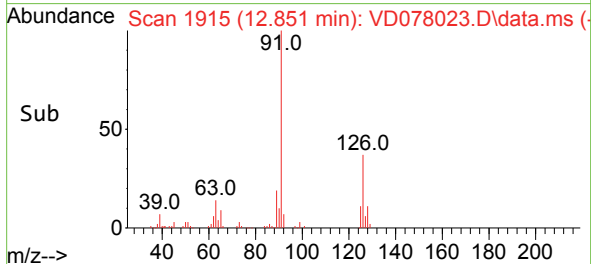
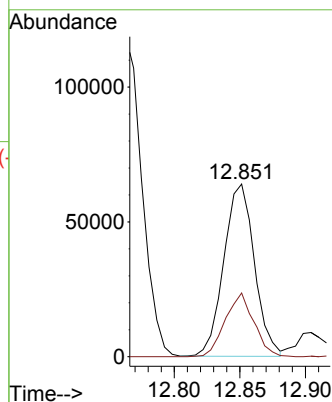
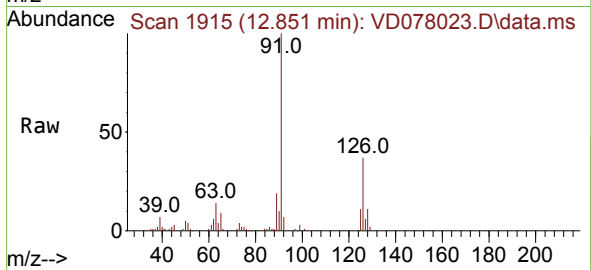




#79
2-Chlorotoluene
Concen: 22.931 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

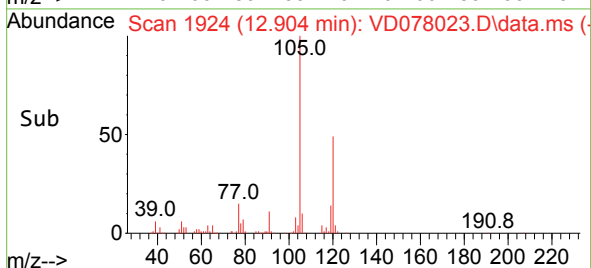
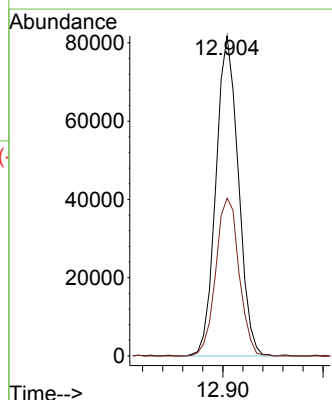
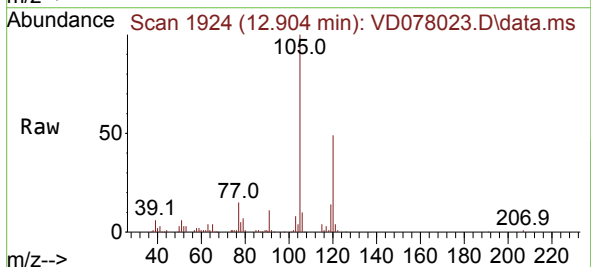
Instrument :
MSVOA_D
ClientSampleId :

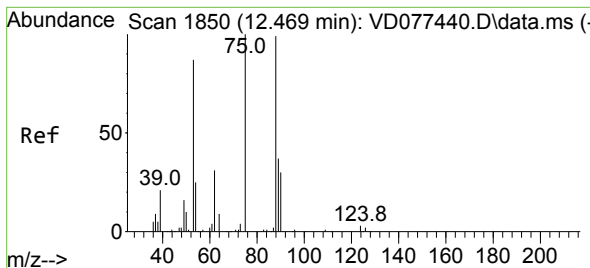
Tgt Ion: 91 Resp: 104002
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.912 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 105 Resp: 126929
Ion Ratio Lower Upper
105 100
120 51.2 26.4 79.2

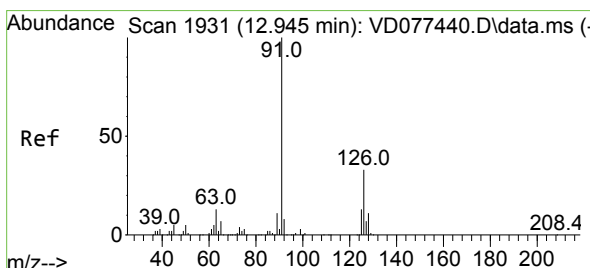
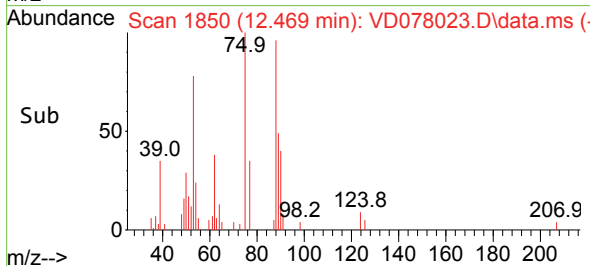
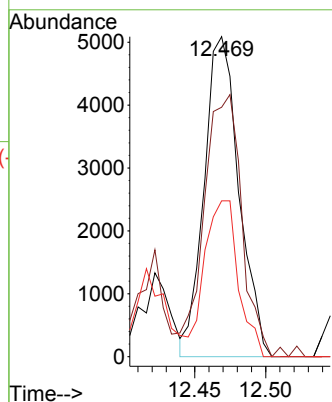
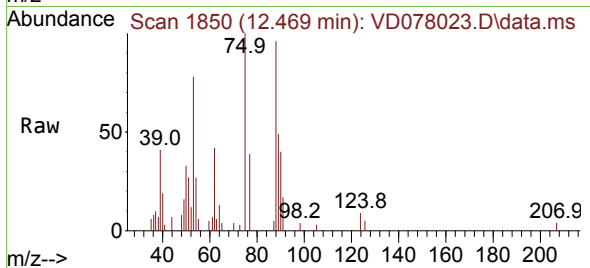




#81
trans-1,4-Dichloro-2-butene
Concen: 22.125 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

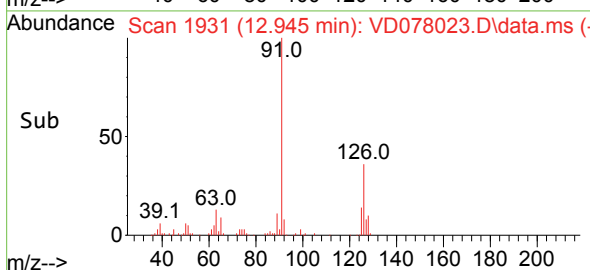
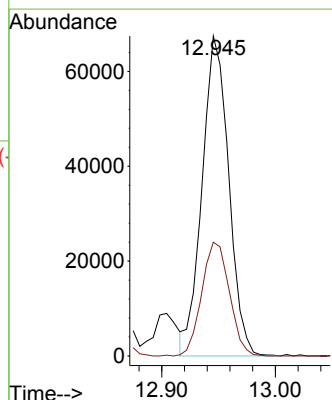
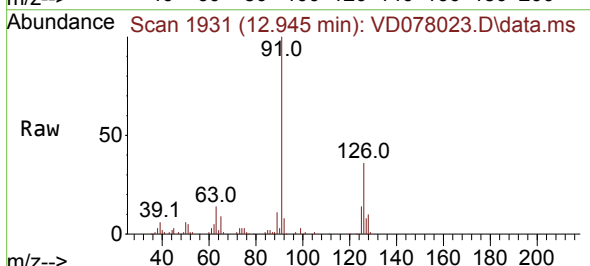
Instrument :
MSVOA_D
ClientSampleId :

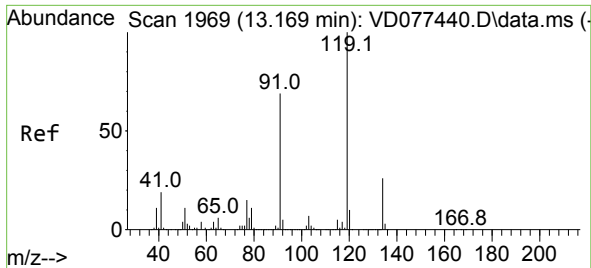
Tgt Ion: 75 Resp: 8691
Ion Ratio Lower Upper
75 100
53 90.3 63.0 94.4
89 46.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 23.149 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion: 91 Resp: 109763
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

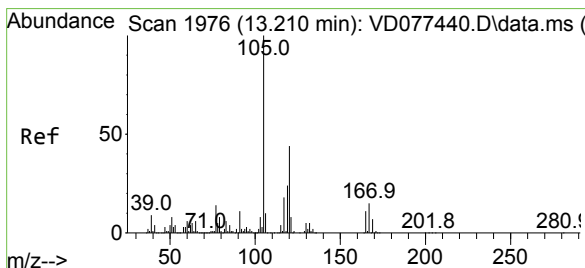
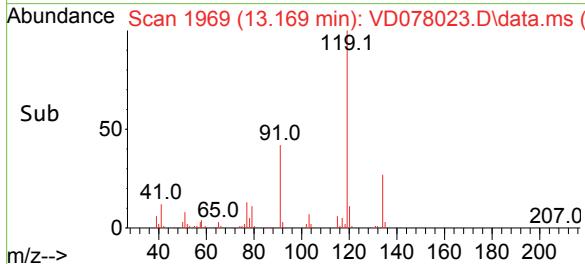
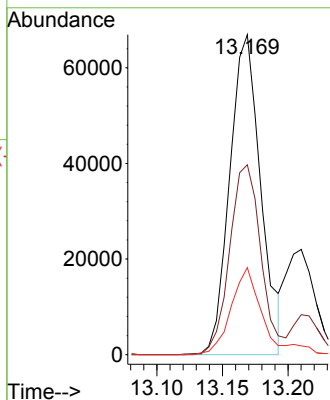
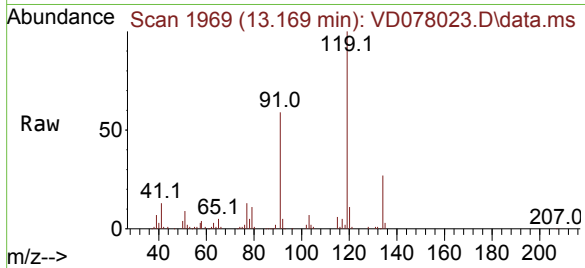




#83
tert-Butylbenzene
Concen: 22.558 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

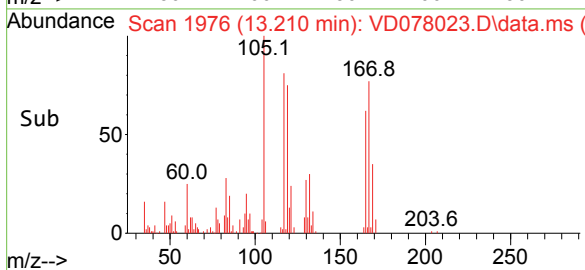
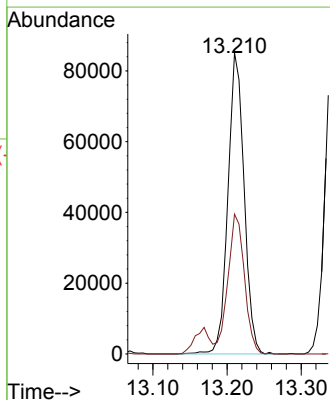
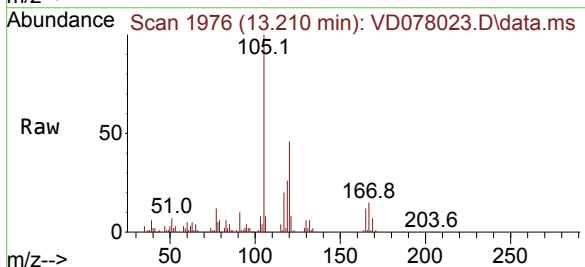
Instrument :
MSVOA_D
ClientSampleId :

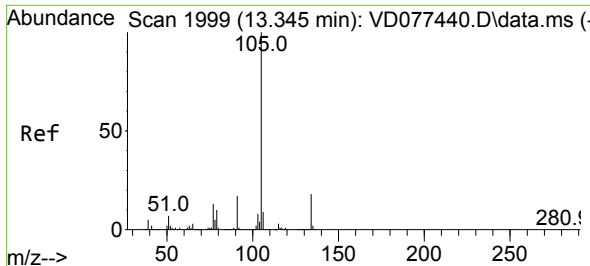
Tgt Ion:119 Resp: 110317
Ion Ratio Lower Upper
119 100
91 60.4 29.3 87.8
134 27.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 22.213 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:105 Resp: 128698
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9

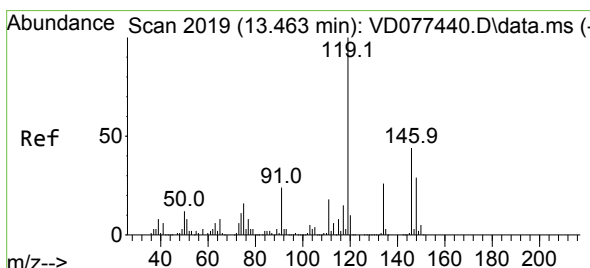
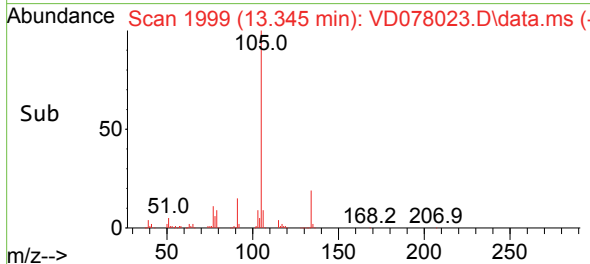
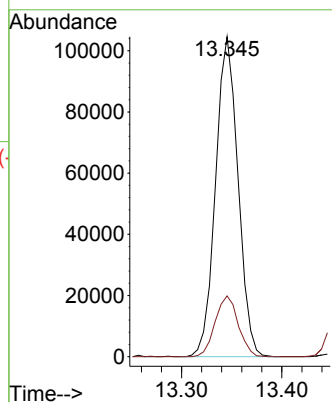
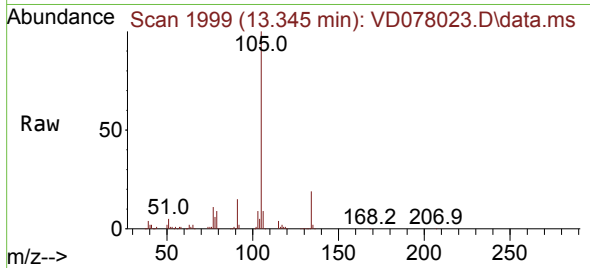




#85
 sec-Butylbenzene
 Concen: 22.435 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

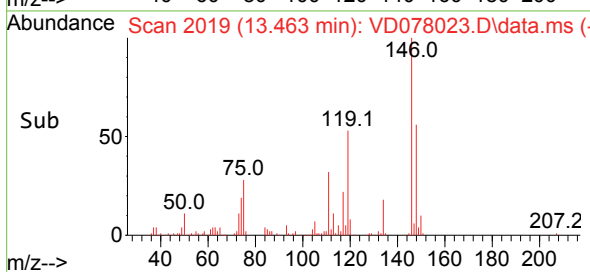
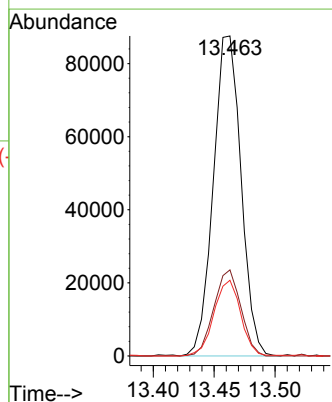
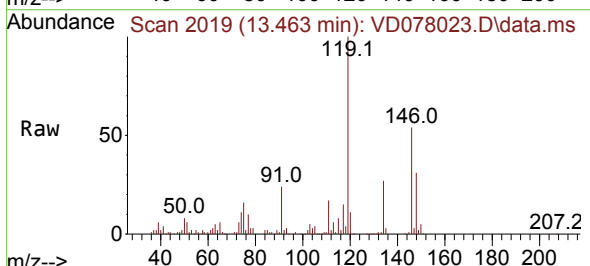
Instrument :
 MSVOA_D
 ClientSampleId :

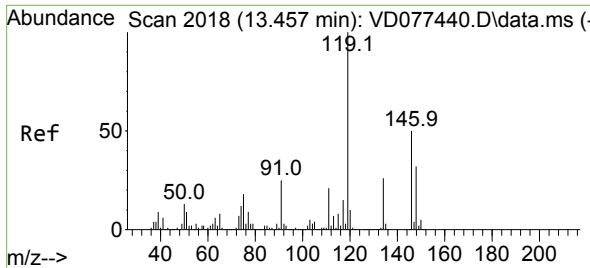
Tgt Ion:105 Resp: 162177
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.436 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

Tgt Ion:119 Resp: 138737
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 22.9 10.5 31.5

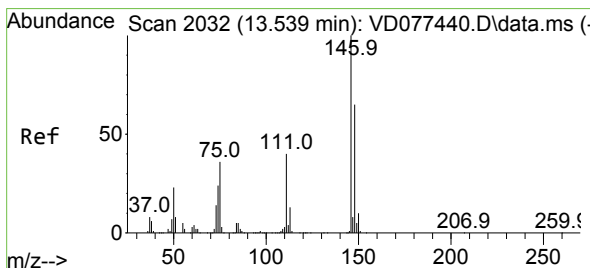
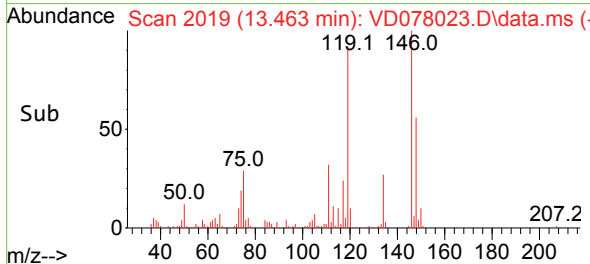
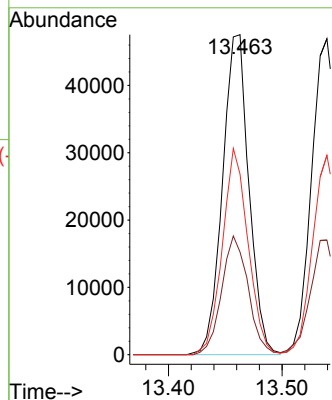
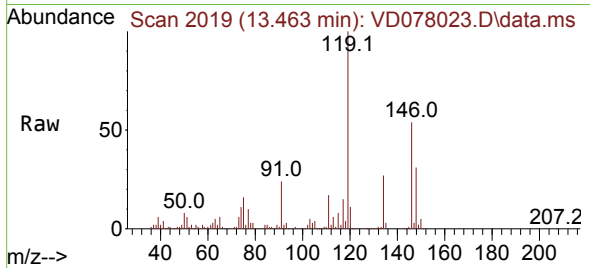




#87
 1,3-Dichlorobenzene
 Concen: 22.982 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

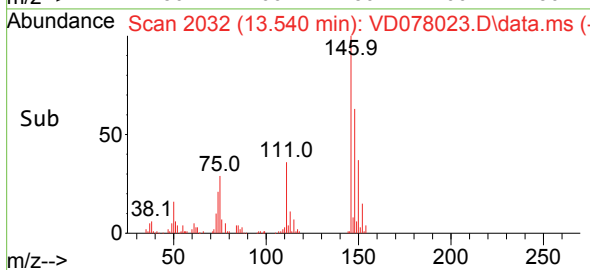
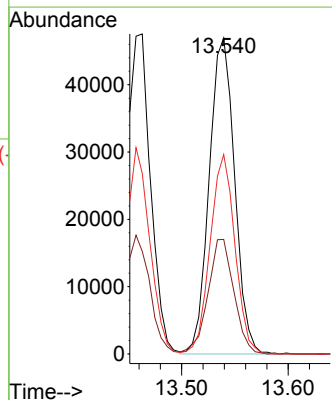
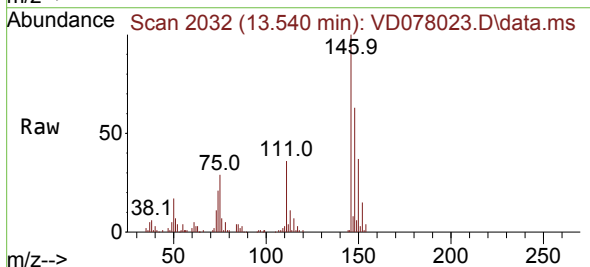
Instrument :
 MSVOA_D
 ClientSampleId :

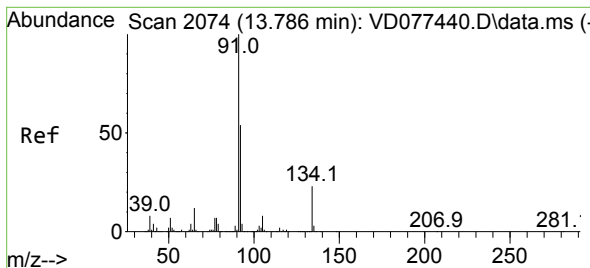
Tgt Ion:146 Resp: 76777
 Ion Ratio Lower Upper
 146 100
 111 37.3 17.9 53.8
 148 62.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 22.484 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD078023.D
 Acq: 21 Dec 2023 13:44

Tgt Ion:146 Resp: 77919
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.4 52.3
 148 61.5 31.7 95.1





#89

n-Butylbenzene

Concen: 22.743 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

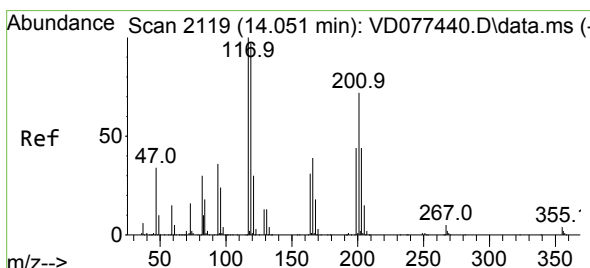
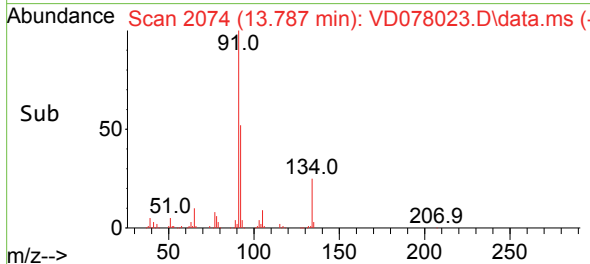
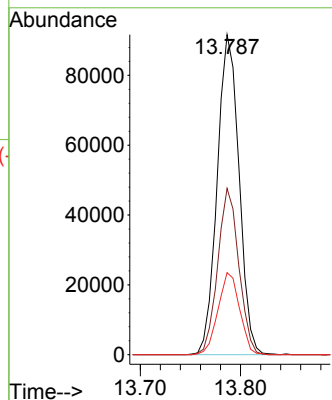
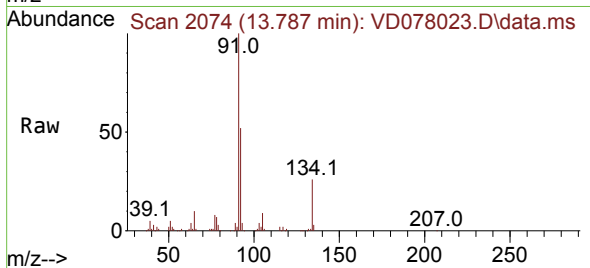
Tgt Ion: 91 Resp: 138503

Ion Ratio Lower Upper

91 100

92 50.1 26.5 79.5

134 25.4 13.8 41.3



#90

Hexachloroethane

Concen: 23.876 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078023.D

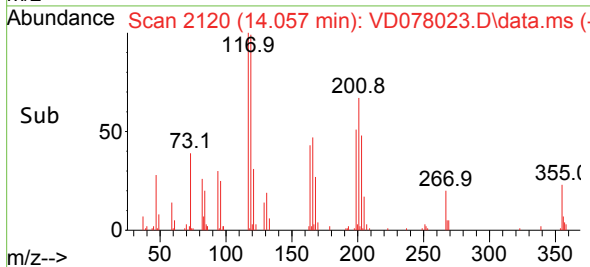
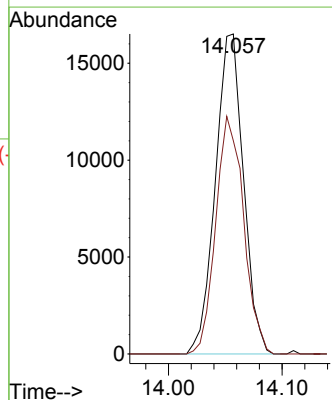
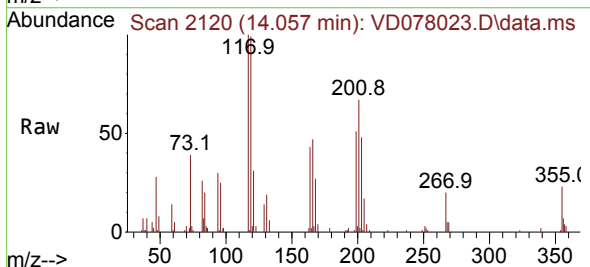
Acq: 21 Dec 2023 13:44

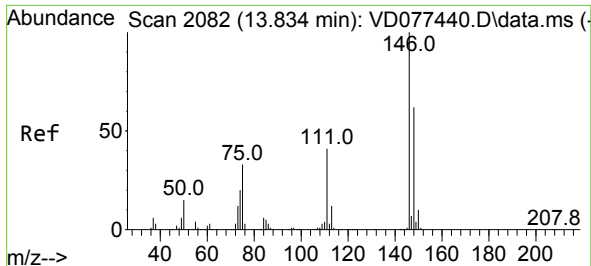
Tgt Ion: 117 Resp: 28418

Ion Ratio Lower Upper

117 100

201 73.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 22.770 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

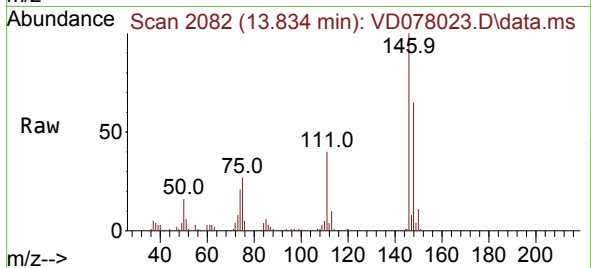
Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

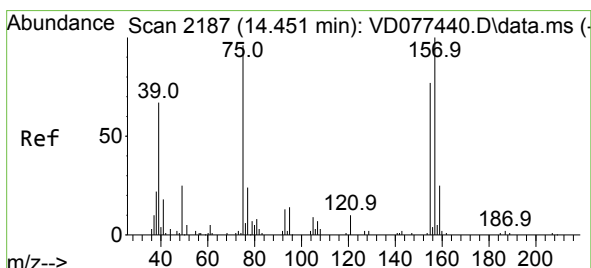
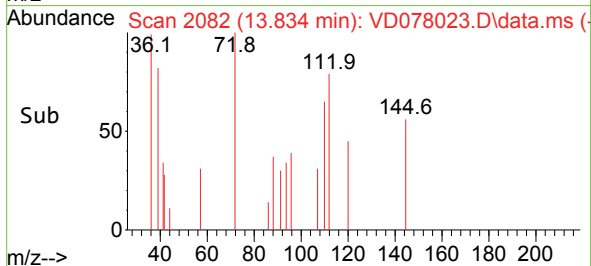
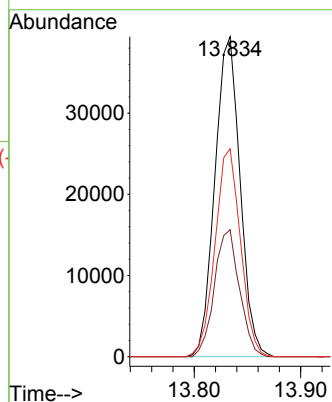
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	64695
Ion Ratio	Lower	Upper	
146	100		
111	39.5	18.3	54.8
148	65.7	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.246 ug/l

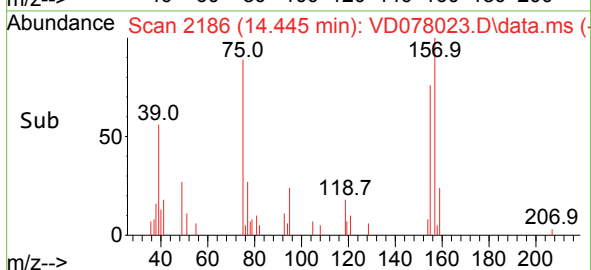
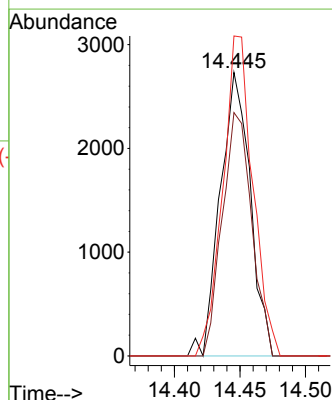
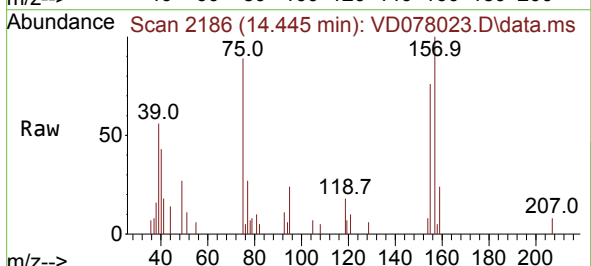
RT: 14.445 min Scan# 2186

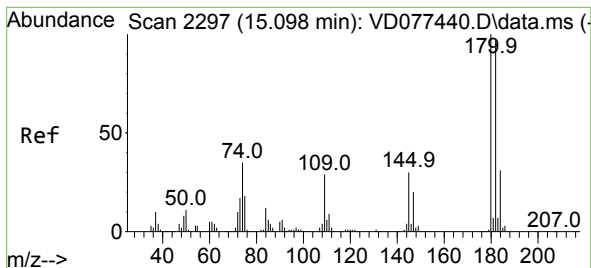
Delta R.T. -0.006 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Tgt Ion:	75	Resp:	4342
Ion Ratio	Lower	Upper	
75	100		
155	84.2	47.9	143.8
157	113.3	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.994 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

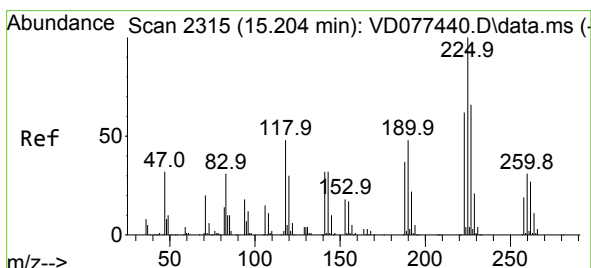
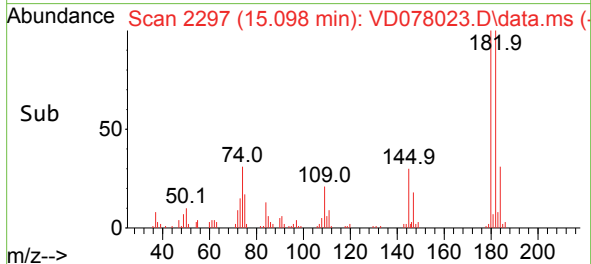
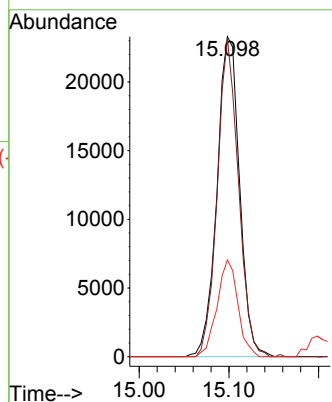
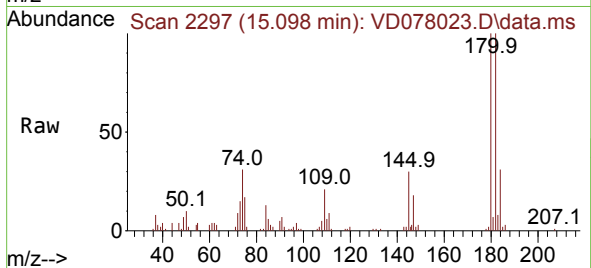
Tgt Ion:180 Resp: 40743

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.300 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078023.D

Acq: 21 Dec 2023 13:44

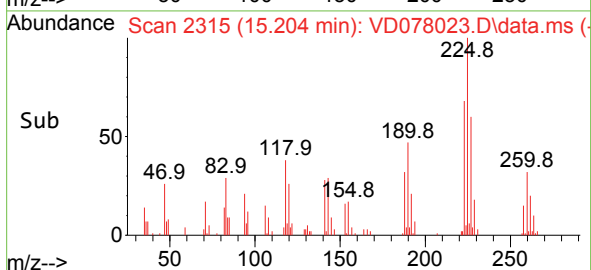
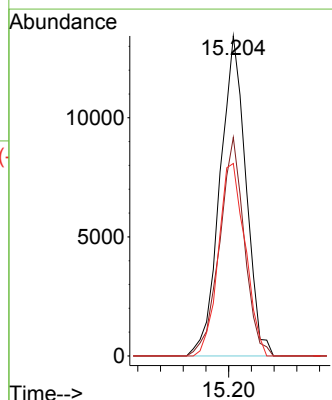
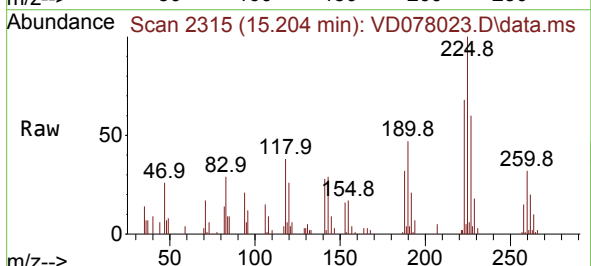
Tgt Ion:225 Resp: 21244

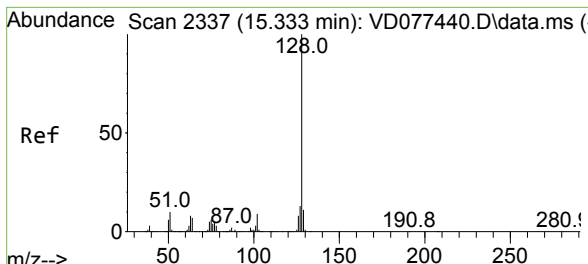
Ion Ratio Lower Upper

225 100

223 65.2 31.6 94.8

227 62.3 31.7 95.1

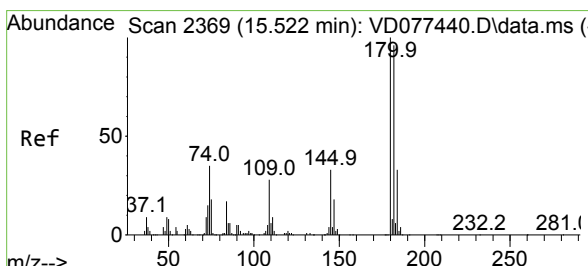
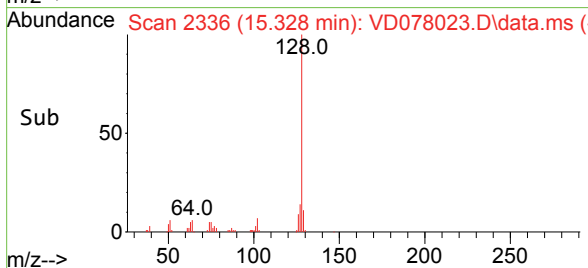
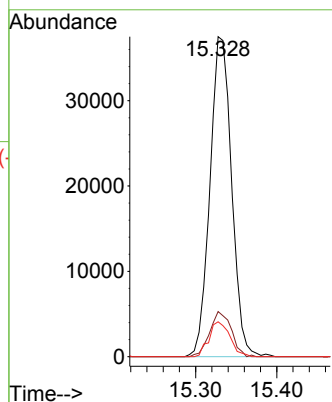
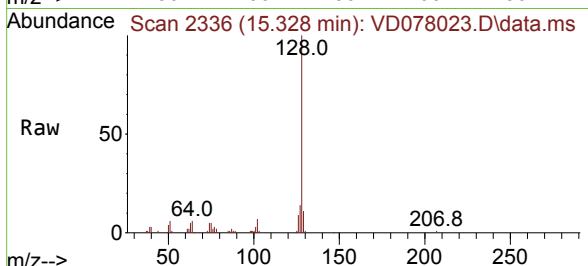




#95
Naphthalene
Concen: 21.555 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	69506
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.5 15.7
129	10.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.259 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078023.D
Acq: 21 Dec 2023 13:44

Tgt Ion:180	Resp:	34014
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.3 141.9
145	32.3	15.1 45.3

