

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077123.D
 Acq On : 18 Sep 2023 11:40
 Operator : JC/SY
 Sample : VSTDIC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 03:49:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	238884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	394312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	376966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	195913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115974	48.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.220%
35) Dibromofluoromethane	7.804	113	141603	51.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.269	98	519566	53.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.575	95	157005	51.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	110412	44.725	ug/l	94
3) Chloromethane	2.146	50	193506	42.404	ug/l	96
4) Vinyl Chloride	2.281	62	222424	45.565	ug/l	97
5) Bromomethane	2.687	94	144032	40.512	ug/l	97
6) Chloroethane	2.834	64	127591	42.006	ug/l	99
7) Trichlorofluoromethane	3.175	101	188362	42.692	ug/l	95
8) Diethyl Ether	3.587	74	63238	44.408	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.957	101	133170	48.276	ug/l	96
10) Methyl Iodide	4.157	142	192950	48.938	ug/l	91
11) Tert butyl alcohol	5.046	59	30809	224.138	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	130302	46.889	ug/l	94
13) Acrolein	3.793	56	20814	226.552	ug/l	96
14) Allyl chloride	4.557	41	166303	49.051	ug/l	94
15) Acrylonitrile	5.246	53	138744	232.352	ug/l	99
16) Acetone	4.022	43	139993	254.068	ug/l #	85
17) Carbon Disulfide	4.269	76	427115	46.689	ug/l	100
18) Methyl Acetate	4.557	43	96387	46.261	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	285536	47.485	ug/l	96
20) Methylene Chloride	4.799	84	168941	47.042	ug/l	89
21) trans-1,2-Dichloroethene	5.304	96	159785	47.566	ug/l	98
22) Diisopropyl ether	6.216	45	371094	48.411	ug/l	97
23) Vinyl Acetate	6.152	43	730854	236.097	ug/l	93
24) 1,1-Dichloroethane	6.110	63	252906	45.968	ug/l	97
25) 2-Butanone	7.081	43	172857	238.455	ug/l	93
26) 2,2-Dichloropropane	7.075	77	218017	46.684	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	177455	46.992	ug/l	98
28) Bromochloromethane	7.428	49	80810	47.832	ug/l	86
29) Tetrahydrofuran	7.440	42	98827	233.209	ug/l	90
30) Chloroform	7.593	83	278435	46.958	ug/l	100
31) Cyclohexane	7.881	56	201172	47.697	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	235694	47.621	ug/l	97
36) 1,1-Dichloropropene	8.010	75	202588	49.115	ug/l	99
37) Ethyl Acetate	7.169	43	73213	46.264	ug/l	94
38) Carbon Tetrachloride	7.993	117	202438	49.935	ug/l	99
39) Methylcyclohexane	9.275	83	246487	51.937	ug/l	94
40) Benzene	8.251	78	620347	48.611	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	39430	46.681	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	151786	47.973	ug/l	97
43) Isopropyl Acetate	8.357	43	137277	47.114	ug/l	93
44) Trichloroethene	9.028	130	167019	47.287	ug/l	98
45) 1,2-Dichloropropane	9.304	63	148492	47.906	ug/l	97
46) Dibromomethane	9.393	93	85712	47.586	ug/l	97
47) Bromodichloromethane	9.587	83	206780	47.506	ug/l	98
48) Methyl methacrylate	9.381	41	65146	49.140	ug/l	85
49) 1,4-Dioxane	9.381	88	15761	969.405	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	358037	234.957	ug/l	92
52) Toluene	10.334	92	401631	49.195	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	195982	48.195	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	236435	48.529	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	116799	47.676	ug/l	96
56) Ethyl methacrylate	10.598	69	130996	49.771	ug/l	91
57) 1,3-Dichloropropane	10.881	76	191898	48.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	347875	255.164	ug/l	99
59) 2-Hexanone	10.922	43	260537	238.292	ug/l	92
60) Dibromochloromethane	11.075	129	145633	48.535	ug/l	98
61) 1,2-Dibromoethane	11.181	107	110434	46.629	ug/l	98
64) Tetrachloroethene	10.810	164	144428	49.243	ug/l	97
65) Chlorobenzene	11.610	112	422738	47.671	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	155393	47.897	ug/l	97
67) Ethyl Benzene	11.687	91	755816	49.586	ug/l	97
68) m/p-Xylenes	11.792	106	615794	100.900	ug/l	94
69) o-Xylene	12.122	106	279847	49.958	ug/l	93
70) Styrene	12.134	104	486745	51.003	ug/l	98
71) Bromoform	12.298	173	86100	47.877	ug/l #	97
73) Isopropylbenzene	12.422	105	720997	49.806	ug/l	97
74) N-amyl acetate	12.234	43	131448	48.340	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	124349	45.518	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	153322	94.806	ug/l #	100
77) Bromobenzene	12.698	156	174208	48.330	ug/l	96
78) n-propylbenzene	12.763	91	883757	49.946	ug/l	97
79) 2-Chlorotoluene	12.851	91	478950	49.085	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	609358	50.403	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	38879	47.090	ug/l	97
82) 4-Chlorotoluene	12.945	91	515797	50.296	ug/l	95
83) tert-Butylbenzene	13.169	119	525276	50.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	612744	49.983	ug/l	96
85) sec-Butylbenzene	13.345	105	789523	50.940	ug/l	96
86) p-Isopropyltoluene	13.463	119	670463	50.991	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	360768	48.667	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	349386	47.904	ug/l	98
89) n-Butylbenzene	13.786	91	613239	50.558	ug/l	99
90) Hexachloroethane	14.051	117	124422	47.714	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	304531	47.914	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17179	47.095	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	191330	48.794	ug/l	99
94) Hexachlorobutadiene	15.204	225	102034	49.104	ug/l	98
95) Naphthalene	15.333	128	348828	48.513	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	172478	49.486	ug/l	99

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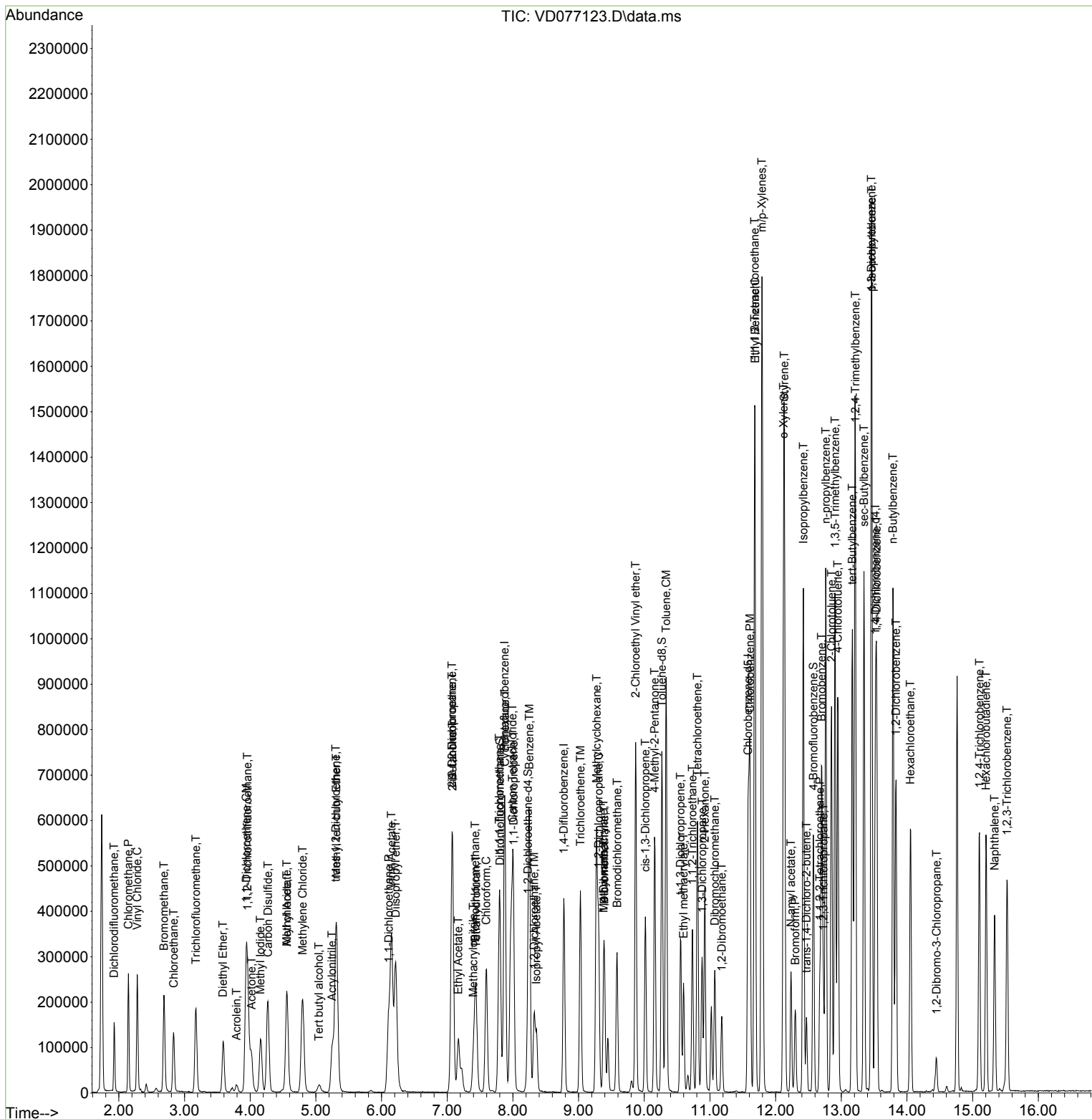
Instrument :
MSVOA_D
ClientSampleId :

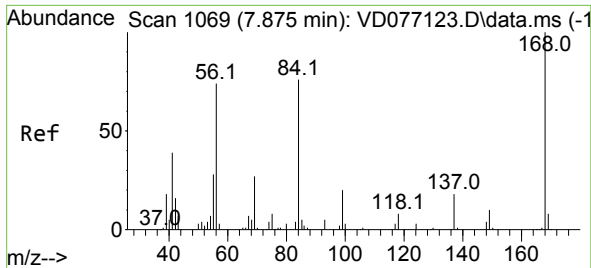
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

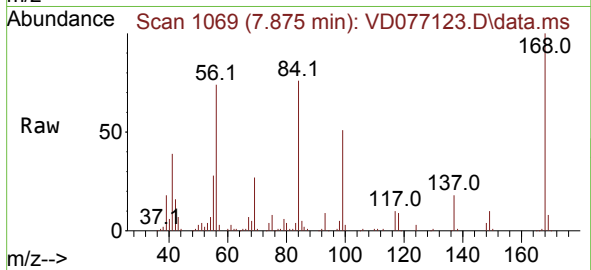
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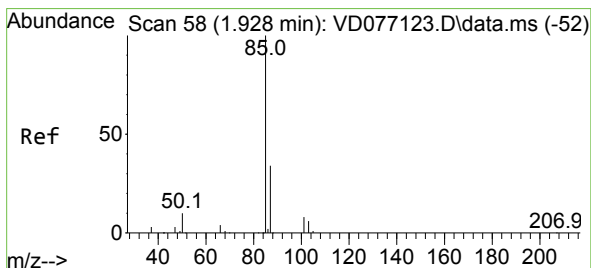
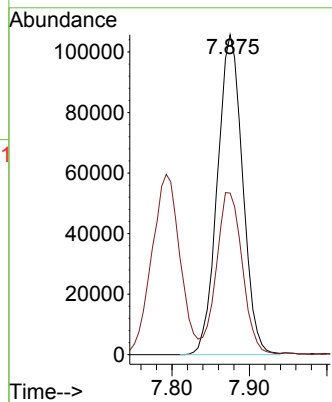
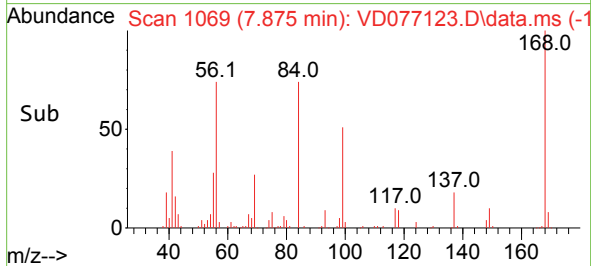


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077123.D
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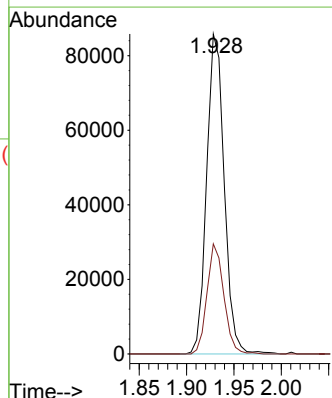
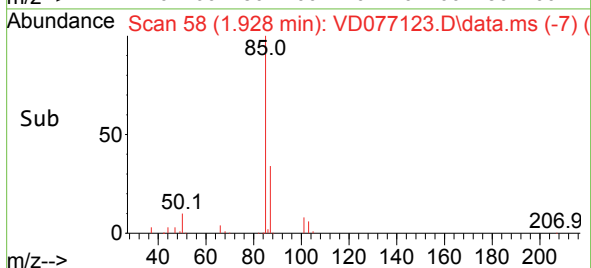
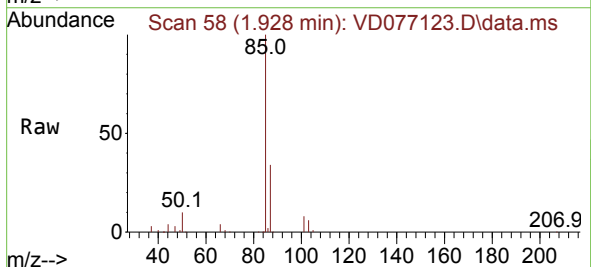


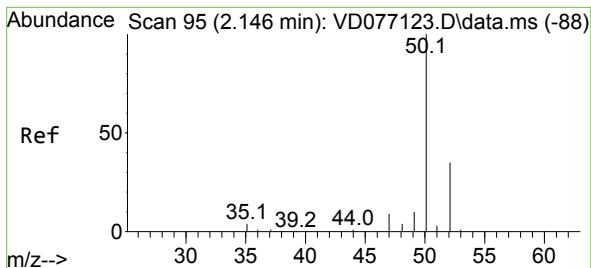
Tgt Ion:168 Resp: 238884
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.725 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 85 Resp: 110412
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0





#3

Chloromethane

Concen: 42.404 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

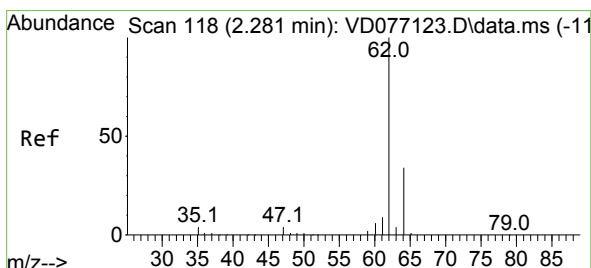
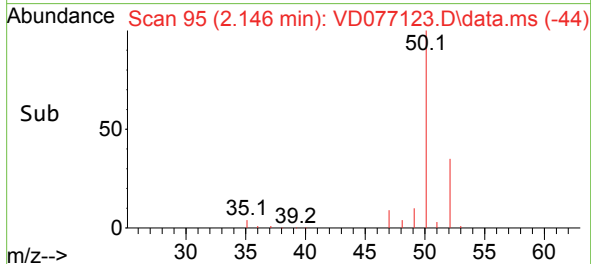
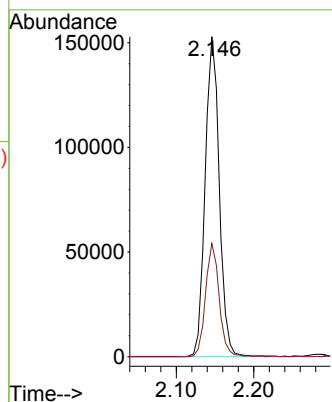
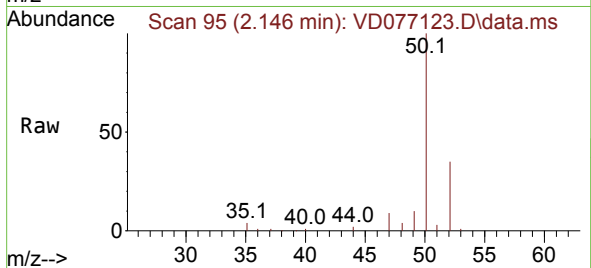
ClientSampleId :

Tgt Ion: 50 Resp: 193506

Ion Ratio Lower Upper

50 100

52 35.4 26.6 40.0



#4

Vinyl Chloride

Concen: 45.565 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077123.D

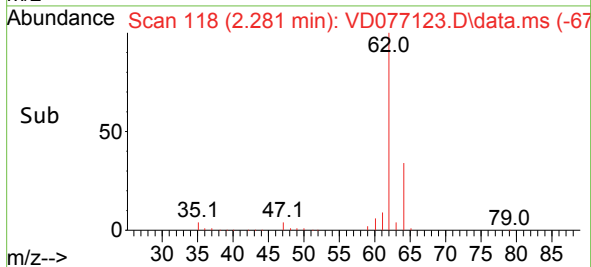
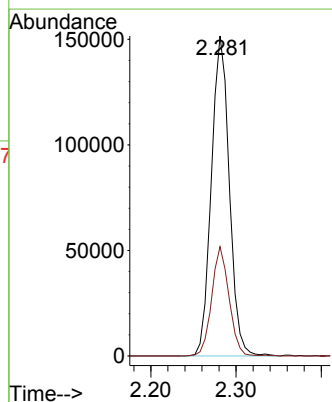
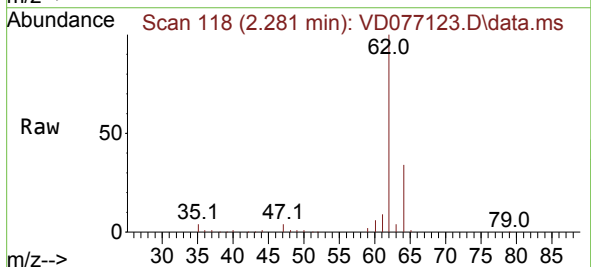
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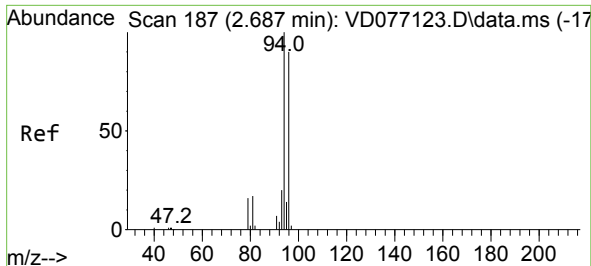
Tgt Ion: 62 Resp: 222424

Ion Ratio Lower Upper

62 100

64 34.1 26.0 39.0

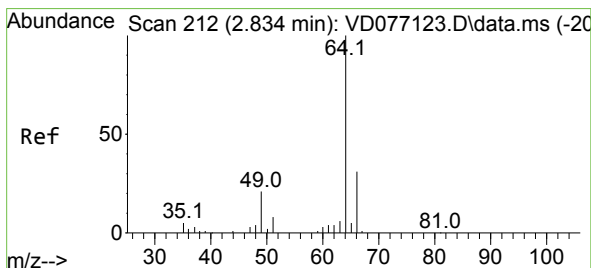
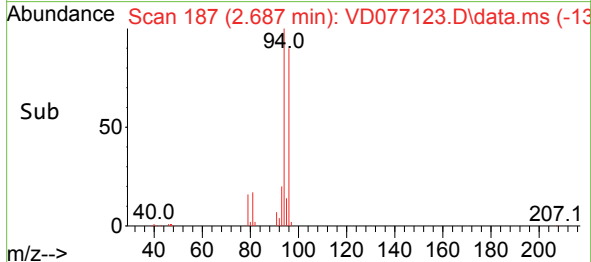
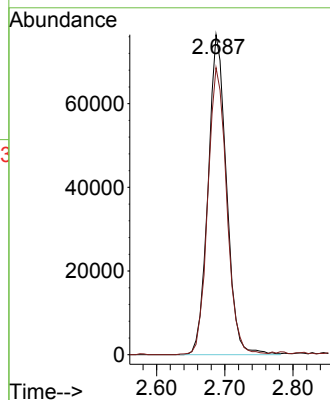
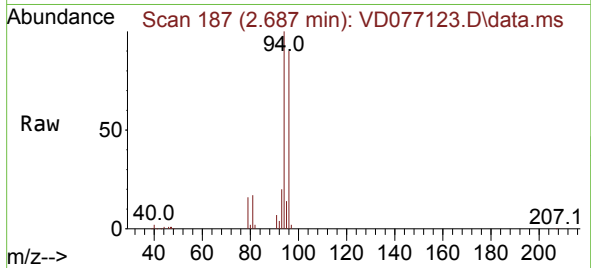




#5
Bromomethane
Concen: 40.512 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

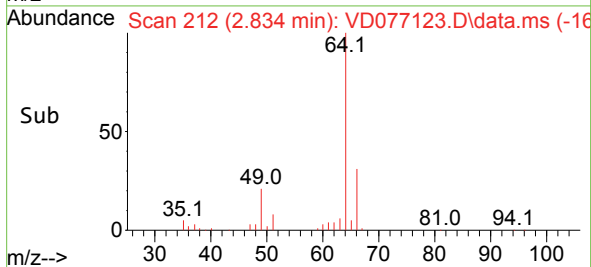
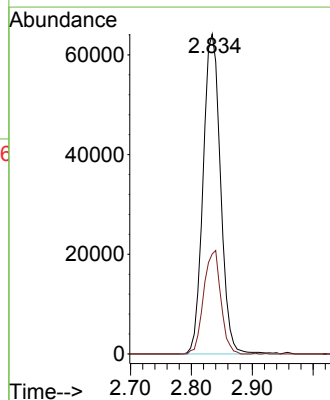
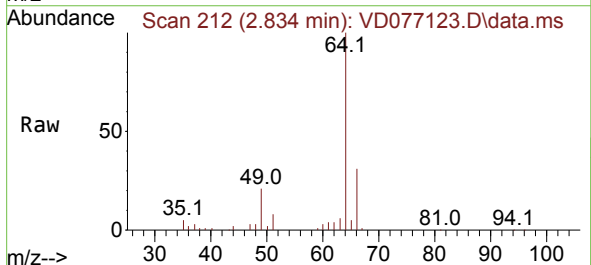
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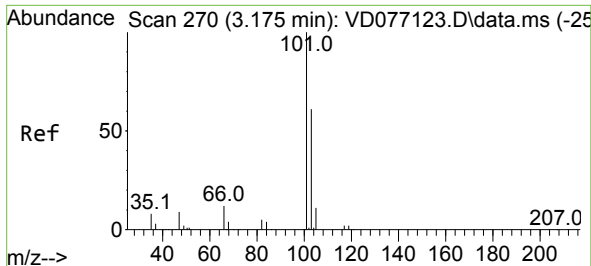
Tgt Ion: 94 Resp: 144032
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8



#6
Chloroethane
Concen: 42.006 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 64 Resp: 127591
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

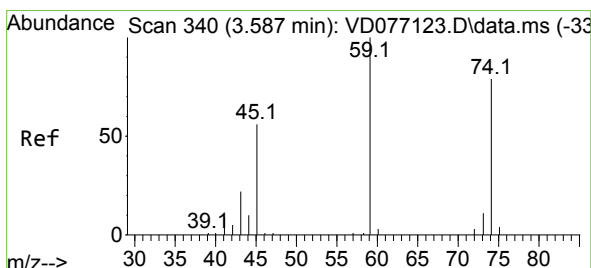
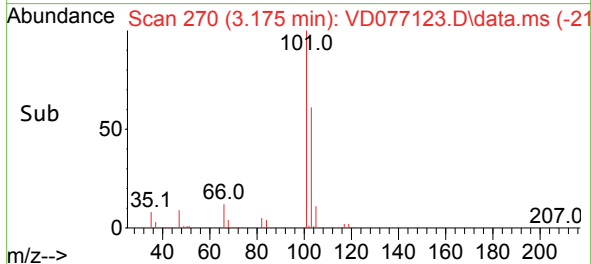
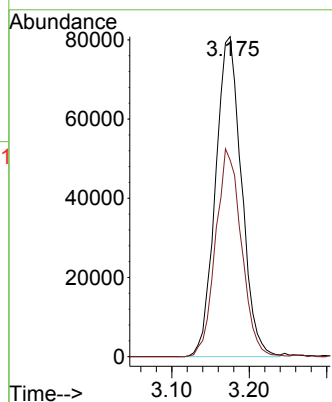
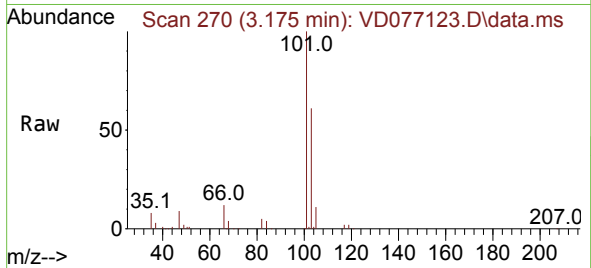




#7
Trichlorofluoromethane
Concen: 42.692 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

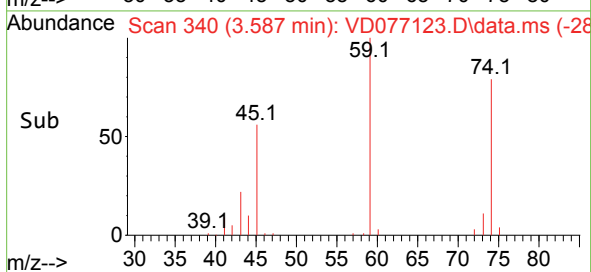
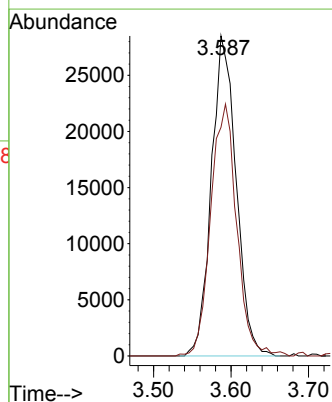
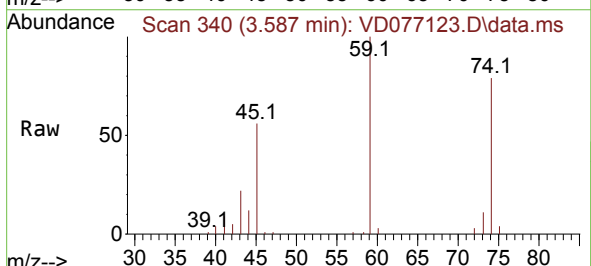
Instrument :
MSVOA_D
ClientSampleId :

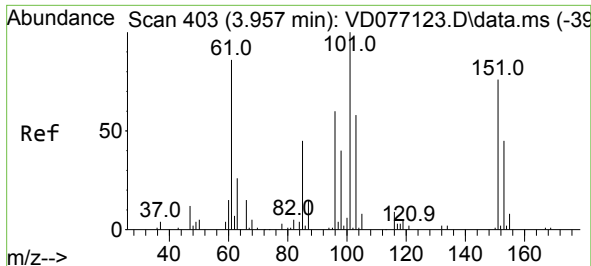
Tgt Ion:101 Resp: 188362
Ion Ratio Lower Upper
101 100
103 61.5 52.3 78.5



#8
Diethyl Ether
Concen: 44.408 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 74 Resp: 63238
Ion Ratio Lower Upper
74 100
45 82.7 37.5 112.7

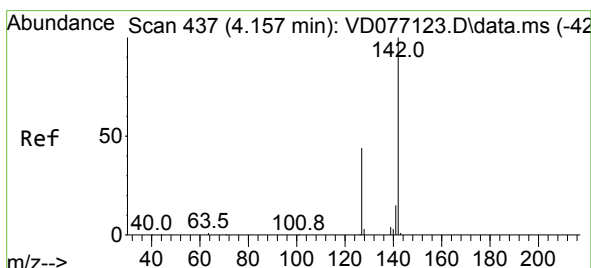
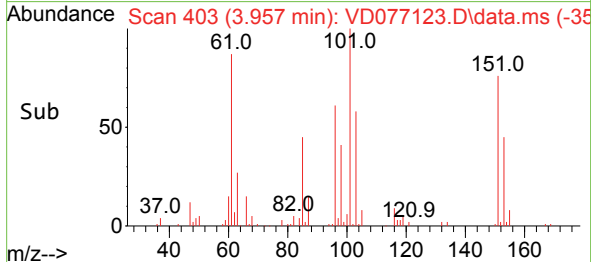
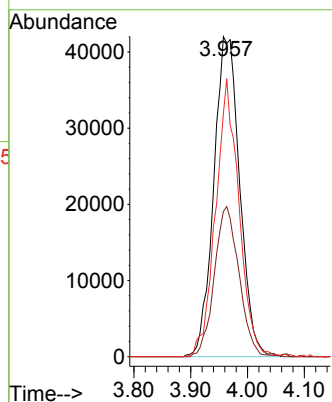
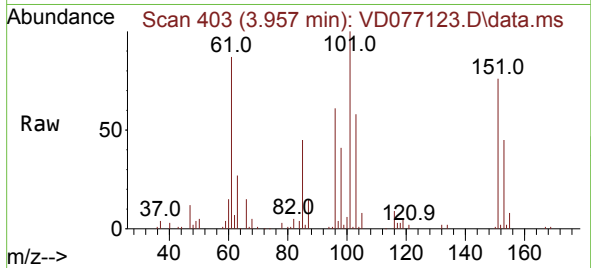




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.276 ug/l
RT: 3.957 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

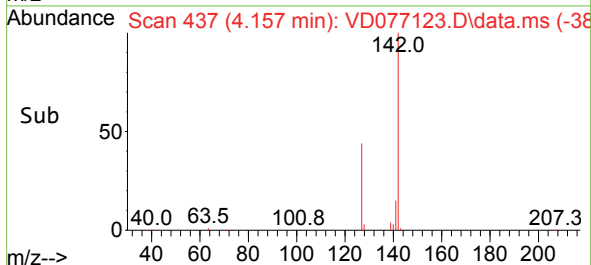
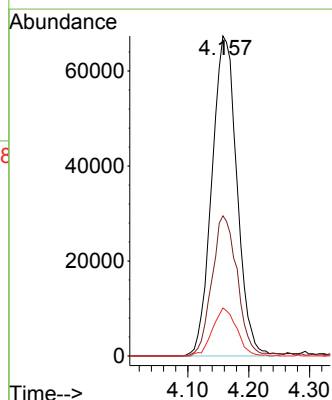
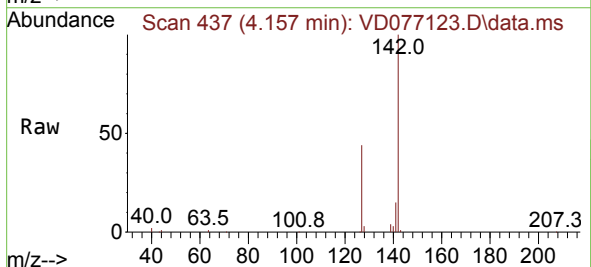
Instrument :
MSVOA_D
ClientSampleId :

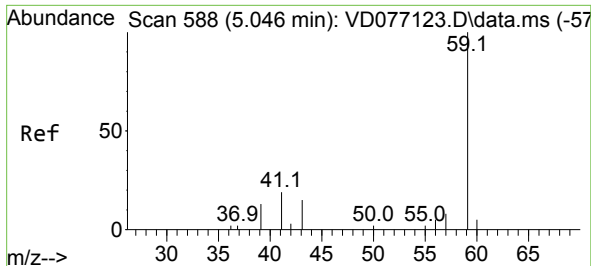
Tgt Ion:101 Resp: 133170
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 78.2 59.8 89.6



#10
Methyl Iodide
Concen: 48.938 ug/l
RT: 4.157 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion:142 Resp: 192950
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.4 11.1 16.7

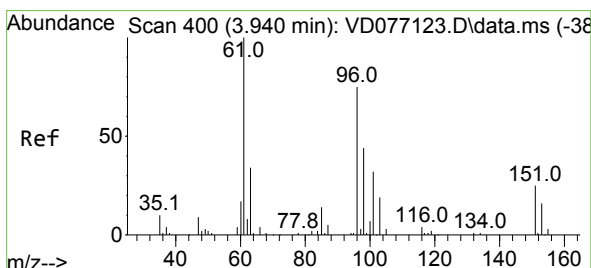
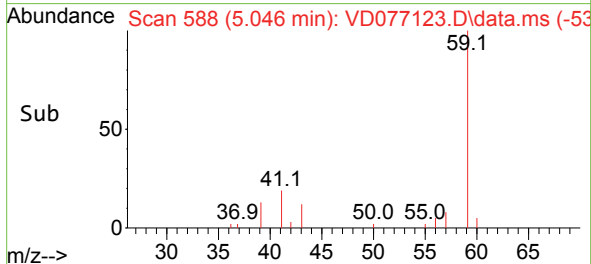
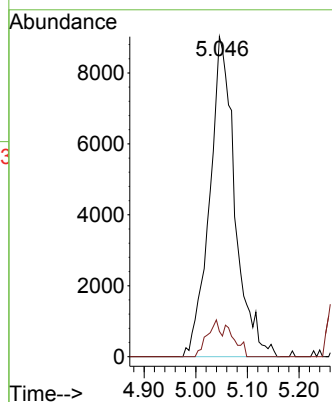
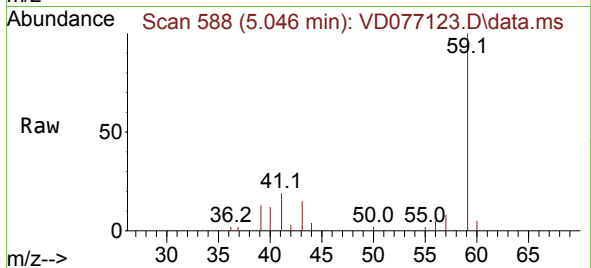




#11
Tert butyl alcohol
Concen: 224.138 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

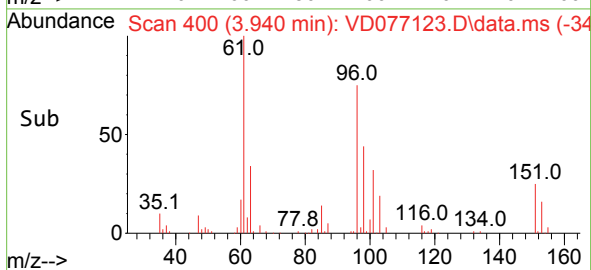
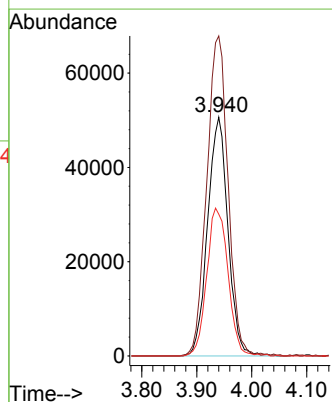
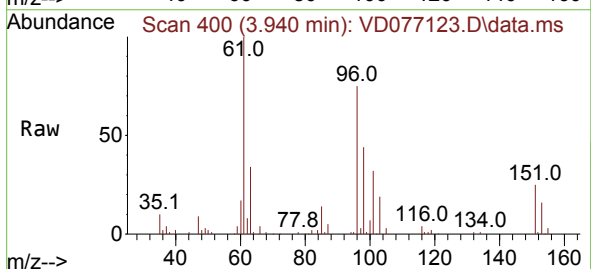
Instrument :
MSVOA_D
ClientSampleId :

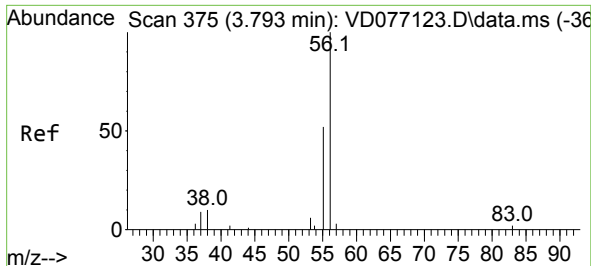
Tgt Ion: 59 Resp: 30809
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.889 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 96 Resp: 130302
Ion Ratio Lower Upper
96 100
61 134.1 100.6 150.8
98 59.4 50.2 75.2





#13

Acrolein

Concen: 226.552 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

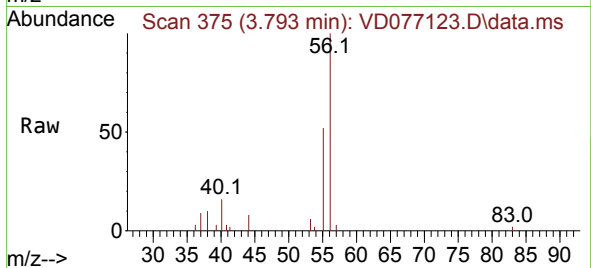
Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

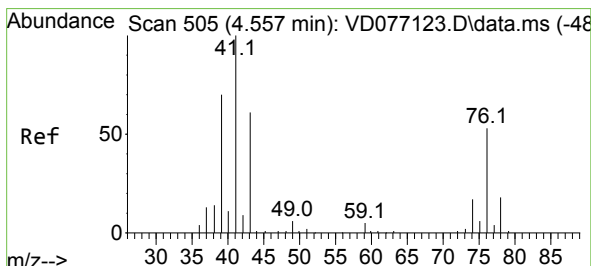
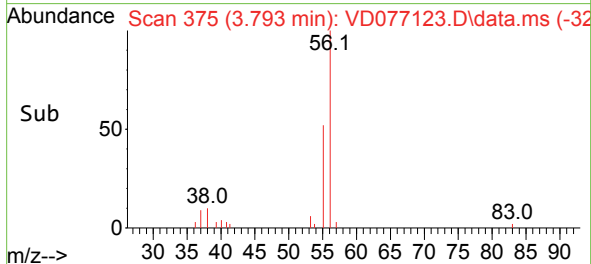
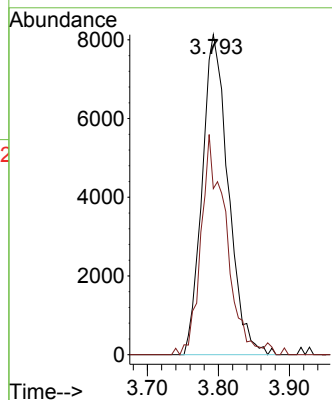


Tgt Ion: 56 Resp: 20814

Ion Ratio Lower Upper

56 100

55 65.5 55.1 82.7



#14

Allyl chloride

Concen: 49.051 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

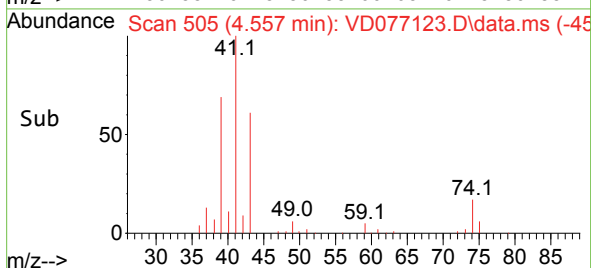
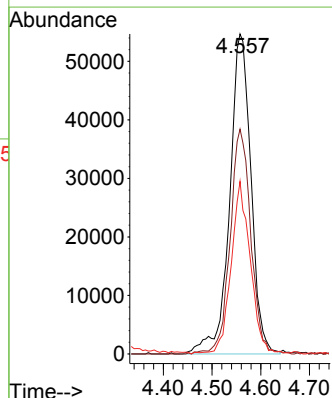
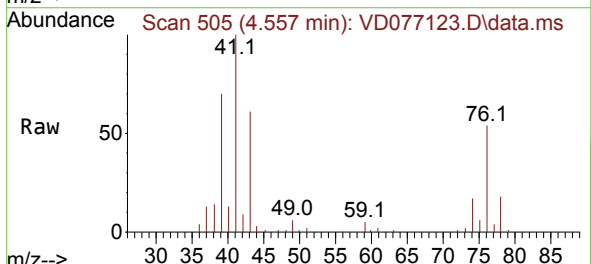
Tgt Ion: 41 Resp: 166303

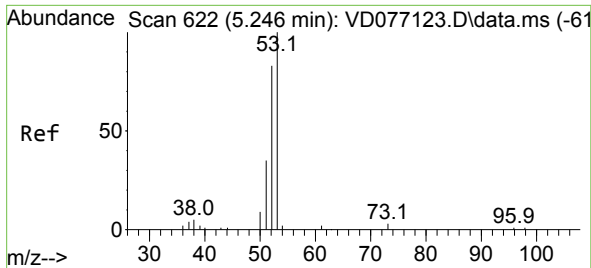
Ion Ratio Lower Upper

41 100

39 68.2 53.8 80.6

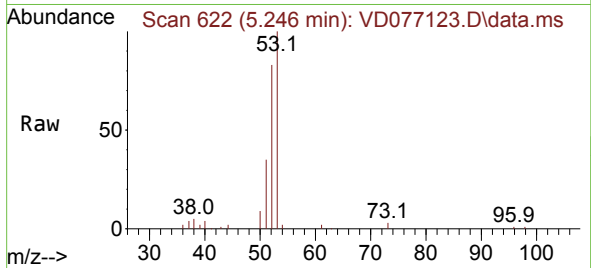
76 48.7 45.8 68.8



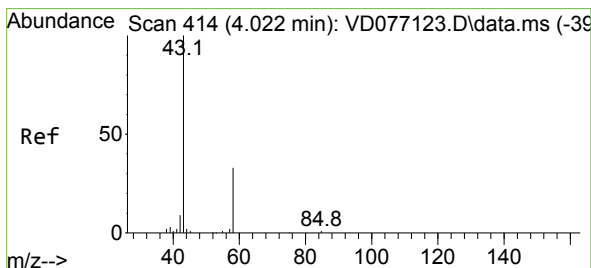
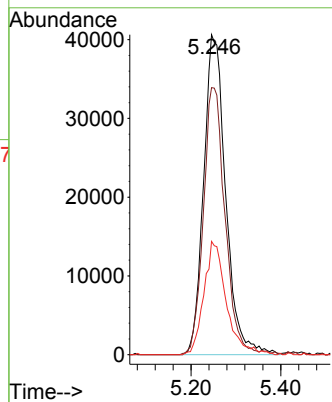
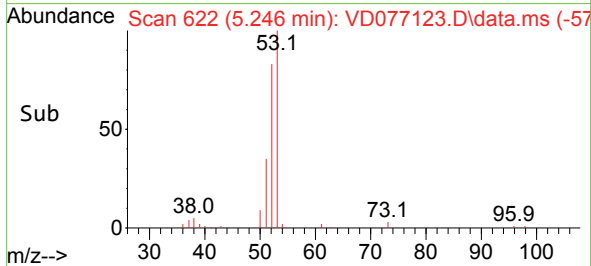


#15
Acrylonitrile
Concen: 232.352 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Instrument :
MSVOA_D
ClientSampleId :

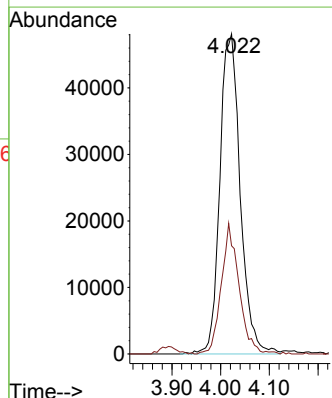
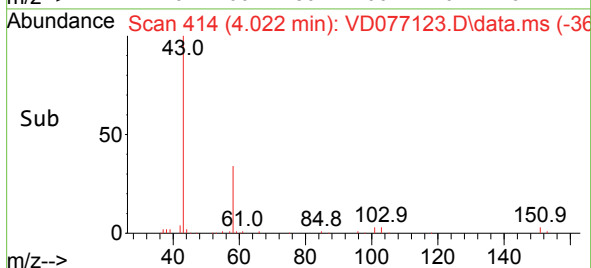
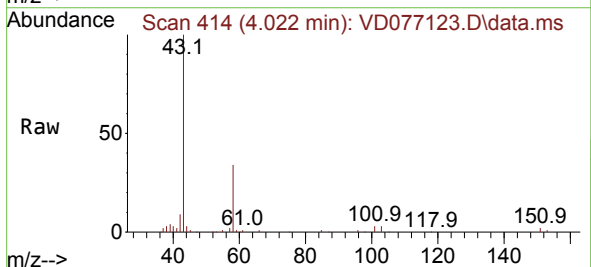


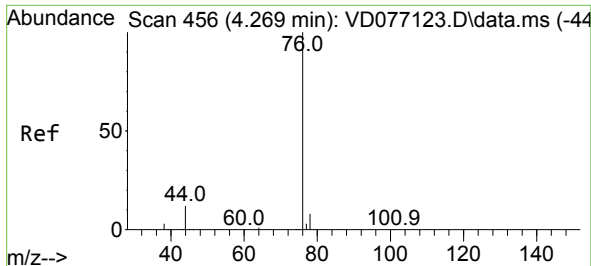
Tgt Ion: 53 Resp: 138744
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 36.0 28.3 42.5



#16
Acetone
Concen: 254.068 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

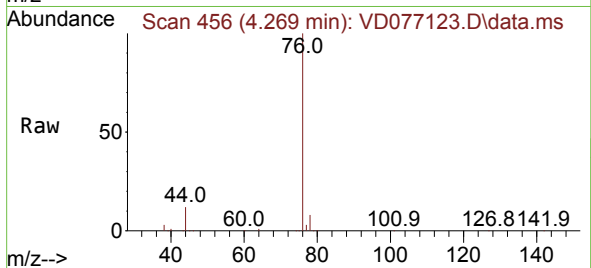
Tgt Ion: 43 Resp: 139993
Ion Ratio Lower Upper
43 100
58 33.8 34.7 52.1#



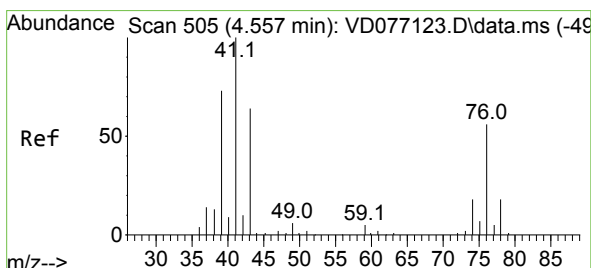
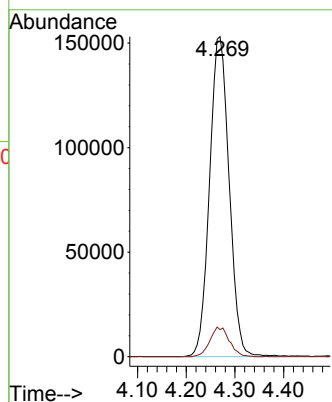
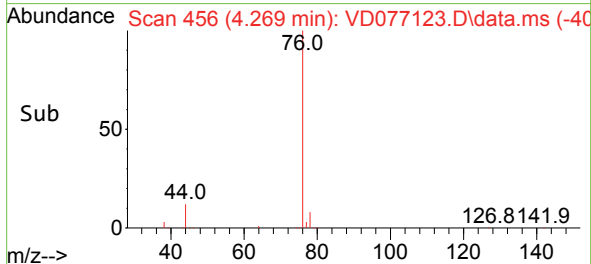


#17
Carbon Disulfide
Concen: 46.689 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Instrument :
MSVOA_D
ClientSampleId :

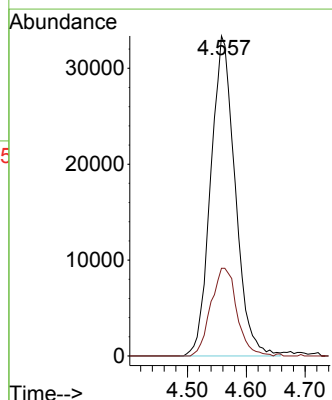
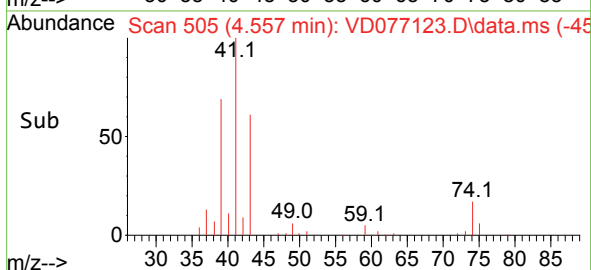
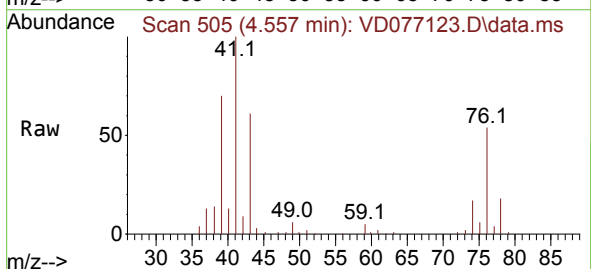


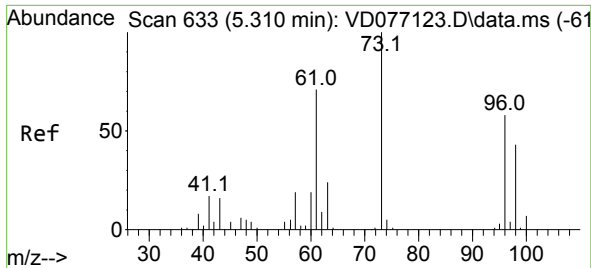
Tgt Ion: 76 Resp: 427115
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 46.261 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 43 Resp: 96387
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6

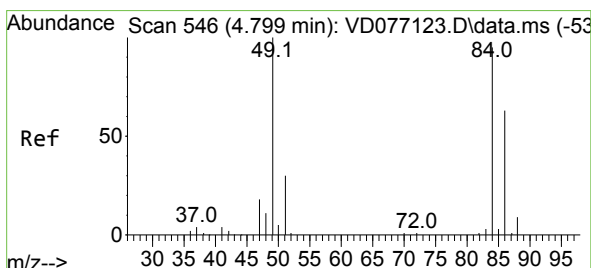
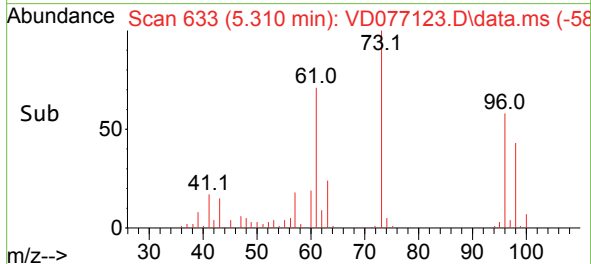
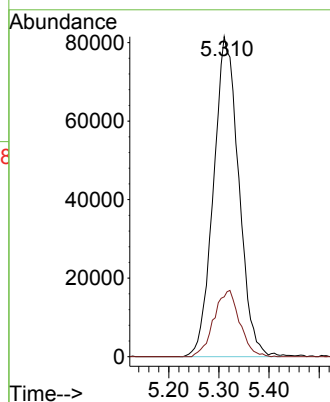
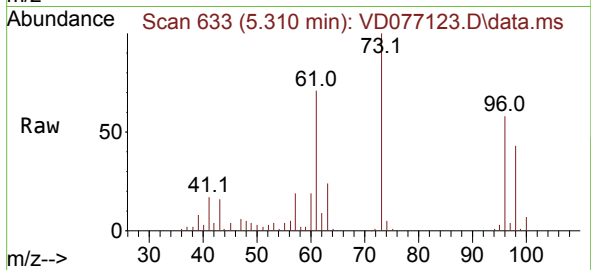




#19
Methyl tert-butyl Ether
Concen: 47.485 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

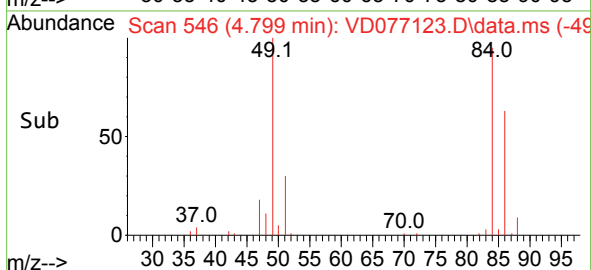
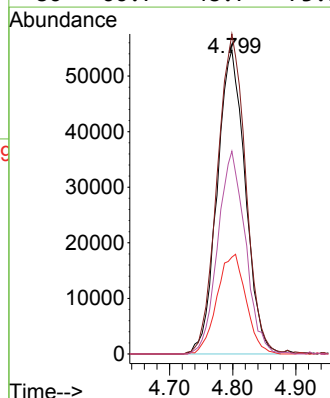
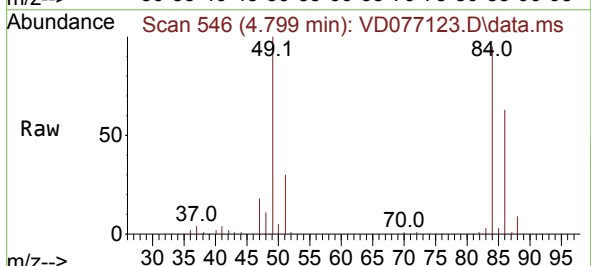
Instrument :
MSVOA_D
ClientSampleId :

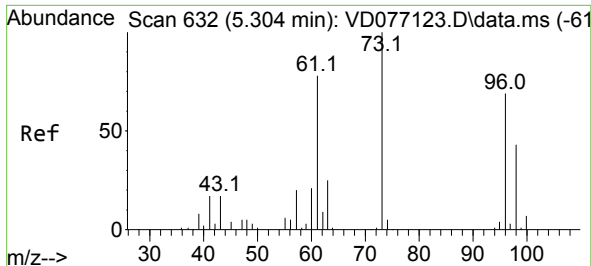
Tgt Ion: 73 Resp: 285536
Ion Ratio Lower Upper
73 100
57 18.7 16.6 25.0



#20
Methylene Chloride
Concen: 47.042 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

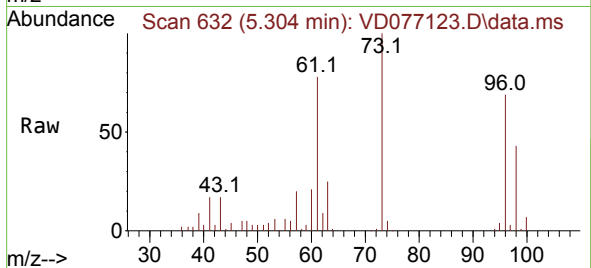
Tgt Ion: 84 Resp: 168941
Ion Ratio Lower Upper
84 100
49 105.3 71.4 107.2
51 31.8 24.5 36.7
86 66.7 48.7 73.1



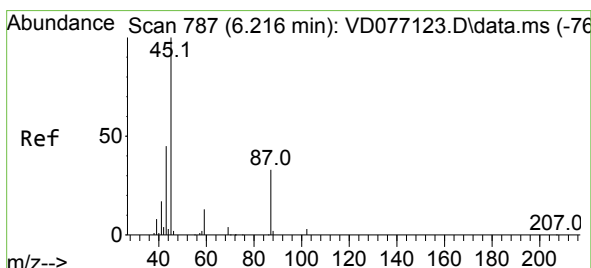
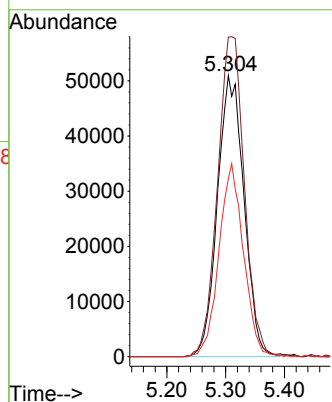
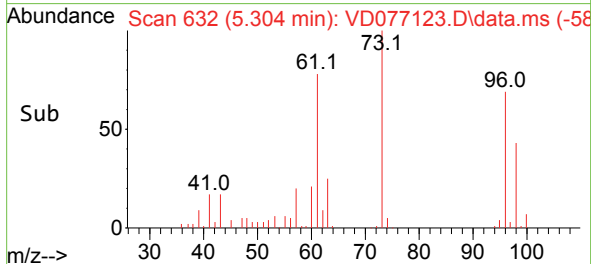


#21
trans-1,2-Dichloroethene
Concen: 47.566 ug/l
RT: 5.304 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Instrument :
MSVOA_D
ClientSampleId :

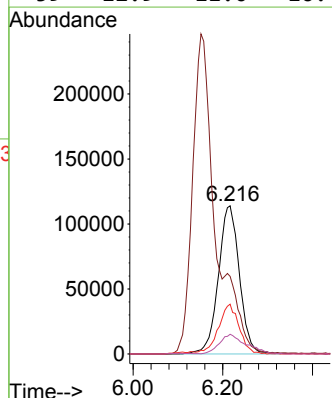
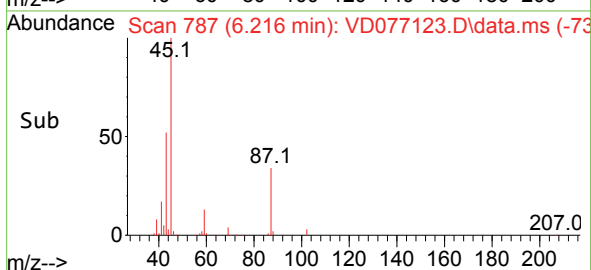
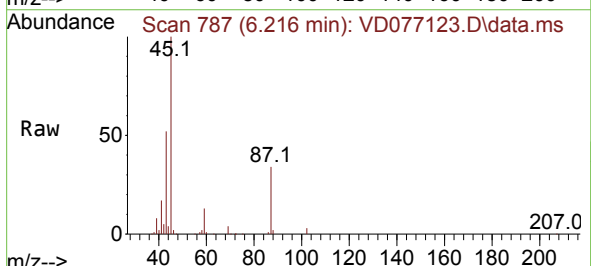


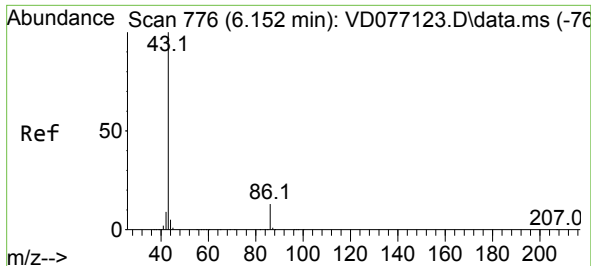
Tgt Ion: 96 Resp: 159785
Ion Ratio Lower Upper
96 100
61 113.7 89.3 133.9
98 63.3 48.6 73.0



#22
Diisopropyl ether
Concen: 48.411 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 45 Resp: 371094
Ion Ratio Lower Upper
45 100
43 51.8 40.0 60.0
87 33.6 28.2 42.4
59 12.9 11.0 16.4

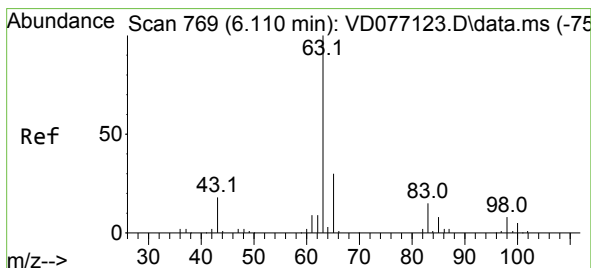
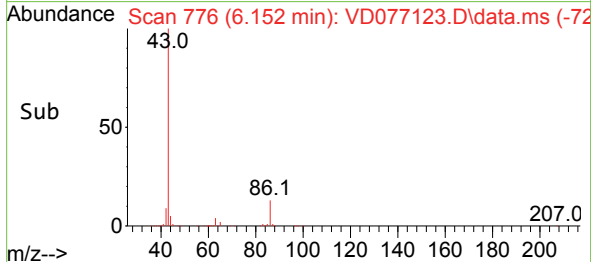
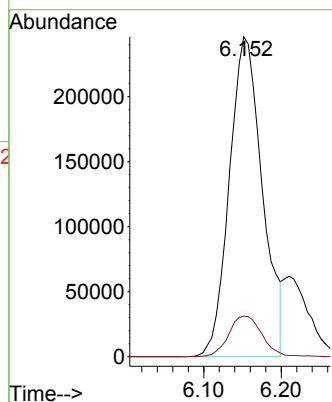
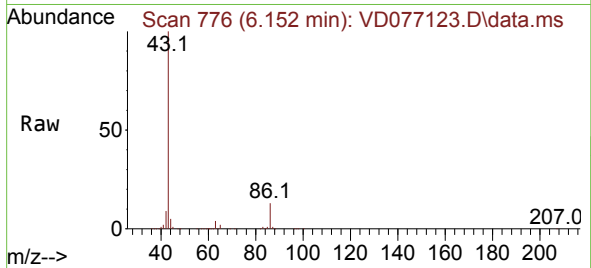




#23
 Vinyl Acetate
 Concen: 236.097 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

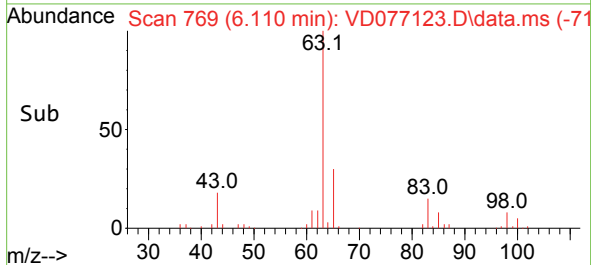
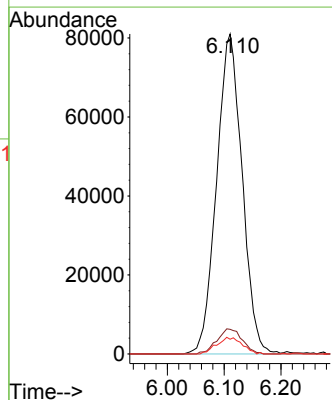
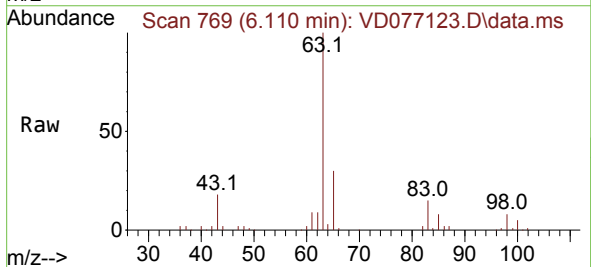
Instrument :
 MSVOA_D
 ClientSampleId :

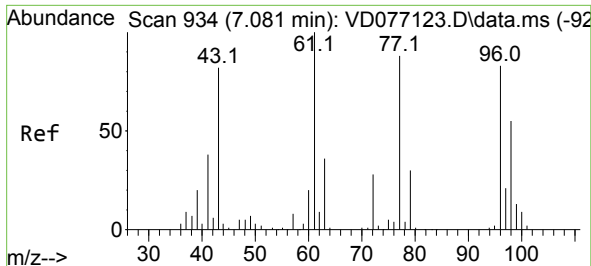
Tgt Ion: 43 Resp: 730854
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 45.968 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Tgt Ion: 63 Resp: 252906
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.6 2.5 7.5

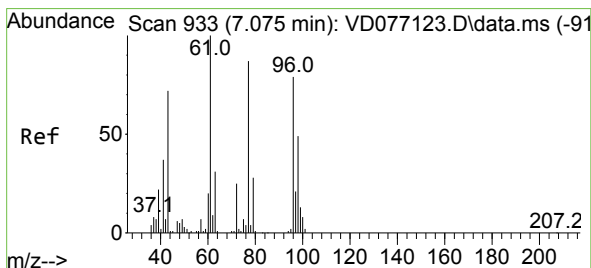
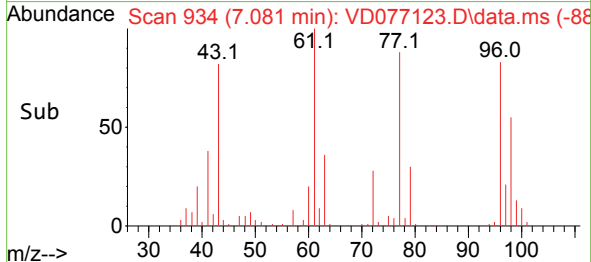
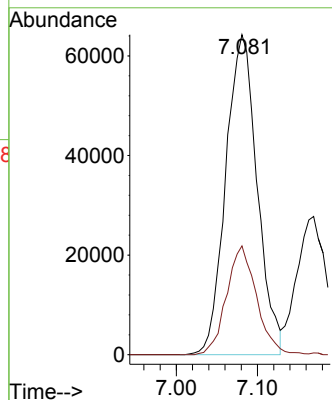
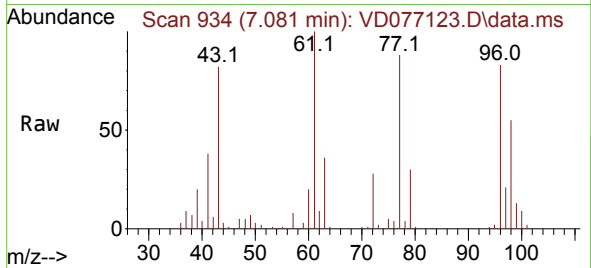




#25
2-Butanone
Concen: 238.455 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

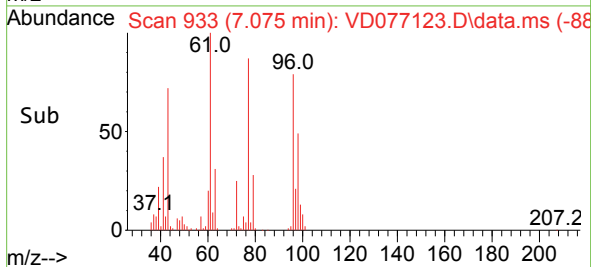
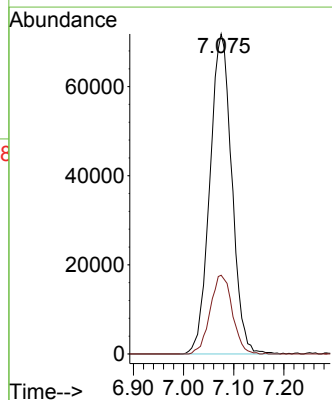
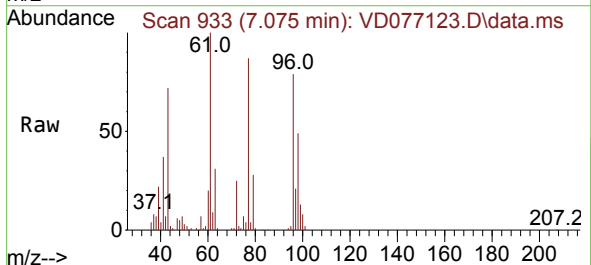
Instrument :
MSVOA_D
ClientSampleId :

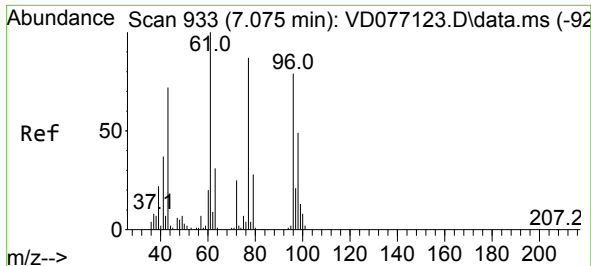
Tgt Ion: 43 Resp: 172857
Ion Ratio Lower Upper
43 100
72 34.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 46.684 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 77 Resp: 218017
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6



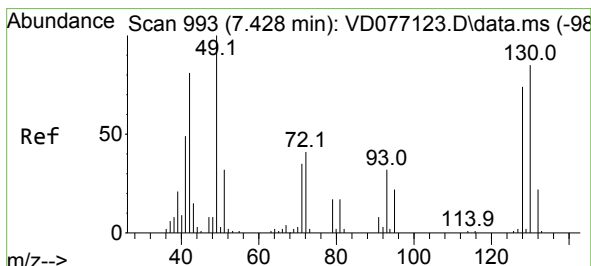
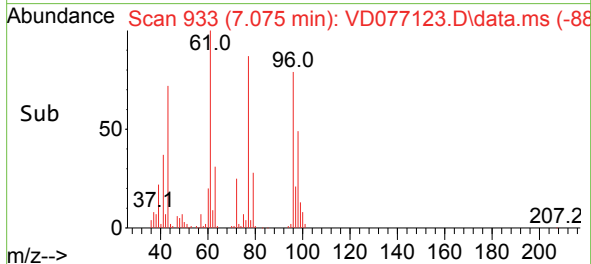
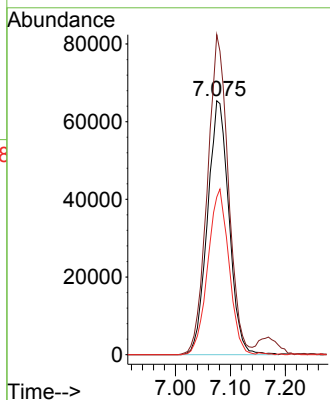
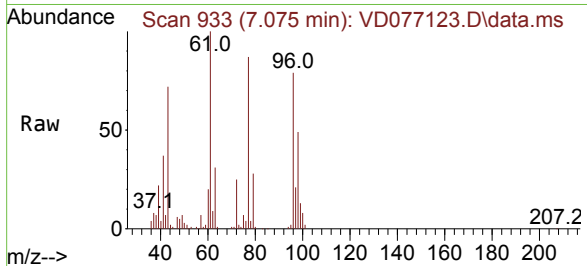


#27
 cis-1,2-Dichloroethene
 Concen: 46.992 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 177455

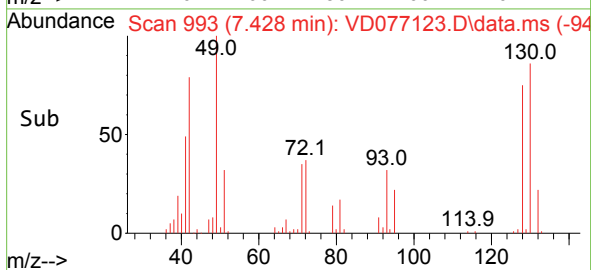
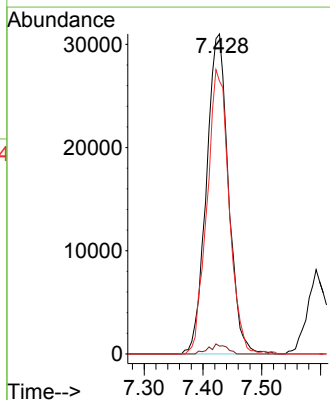
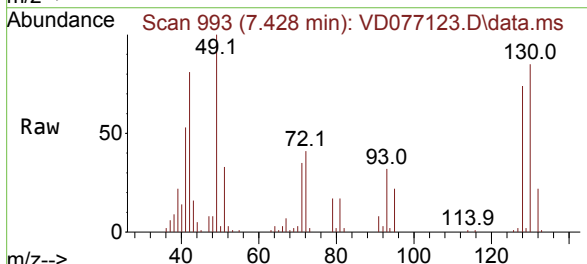
Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	239.2
98	64.1	0.0	128.6

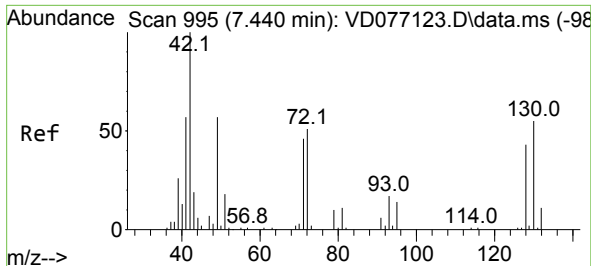


#28
 Bromochloromethane
 Concen: 47.832 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Tgt Ion: 49 Resp: 80810

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	88.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 233.209 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

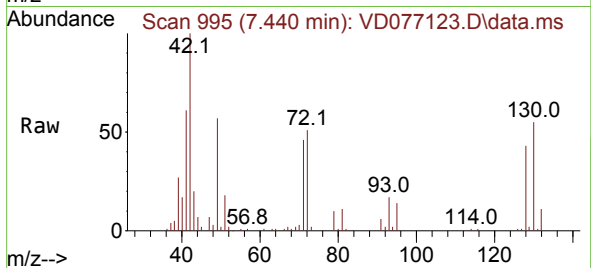
Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

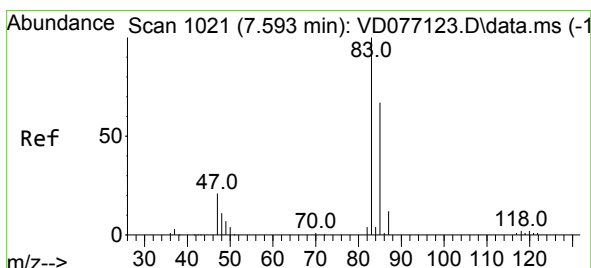
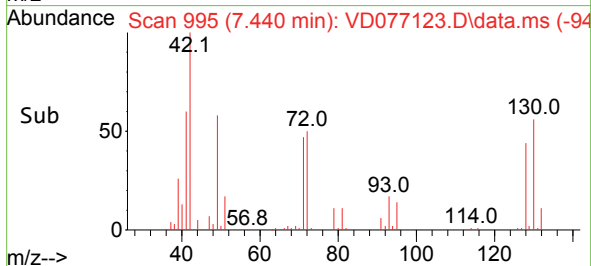
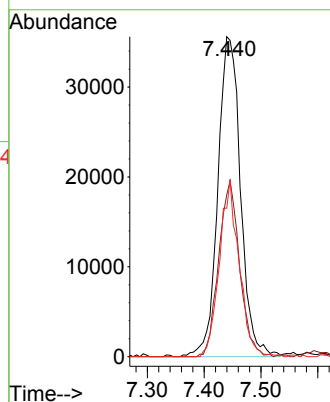
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	98827
Ion Ratio	Lower	Upper	
42	100		
72	50.8	46.5	69.7
71	47.8	44.5	66.7



#30

Chloroform

Concen: 46.958 ug/l

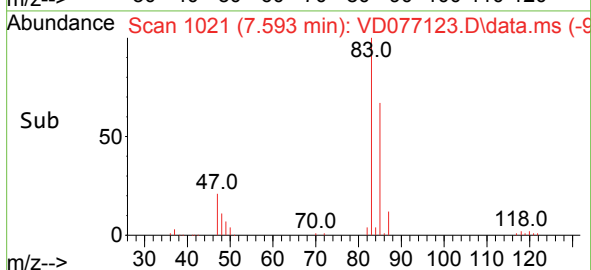
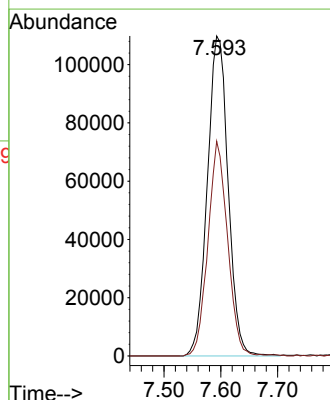
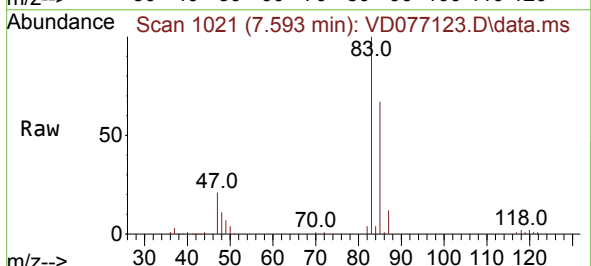
RT: 7.593 min Scan# 1021

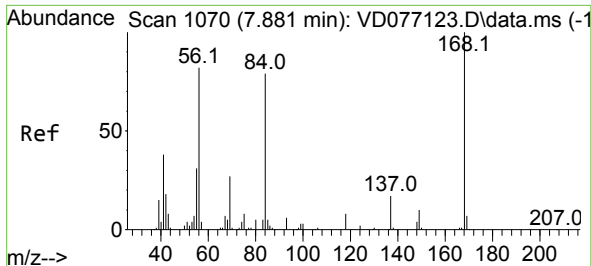
Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

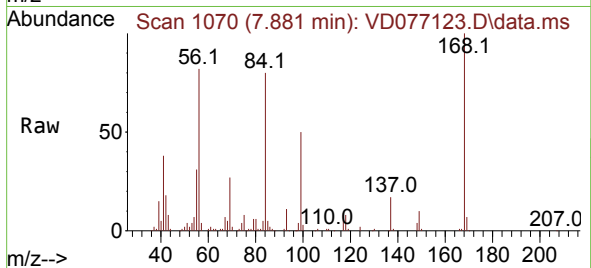
Tgt Ion:	83	Resp:	278435
Ion Ratio	Lower	Upper	
83	100		
85	67.1	53.4	80.2



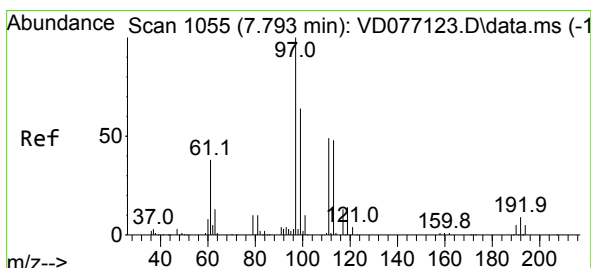
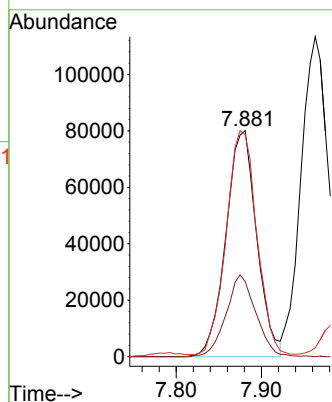
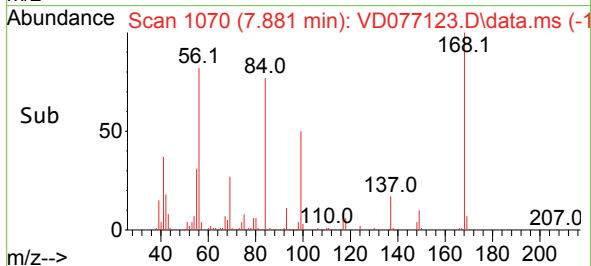


#31
Cyclohexane
Concen: 47.697 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Instrument :
MSVOA_D
ClientSampleId :

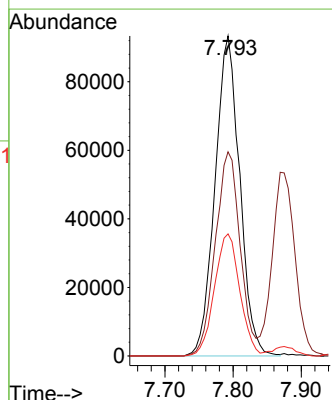
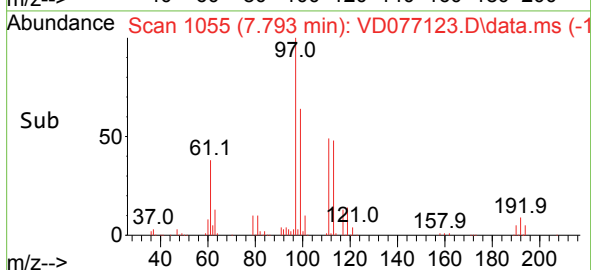
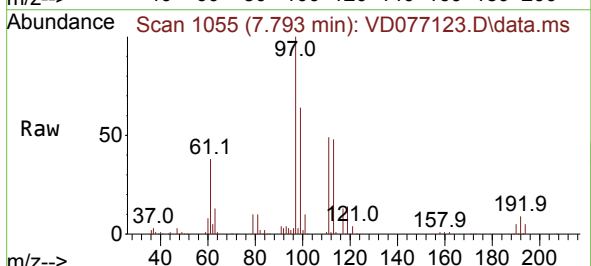


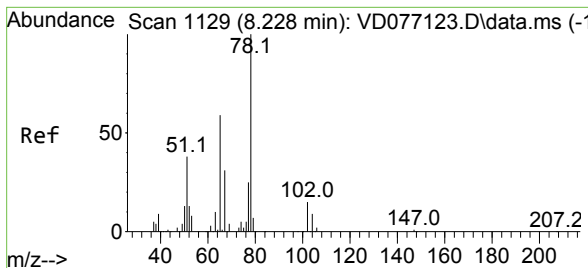
Tgt Ion: 56 Resp: 201172
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 96.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.621 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 97 Resp: 235694
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 39.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.105 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

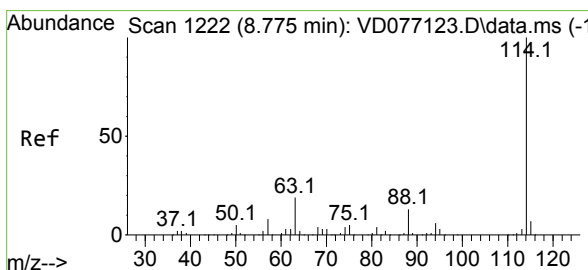
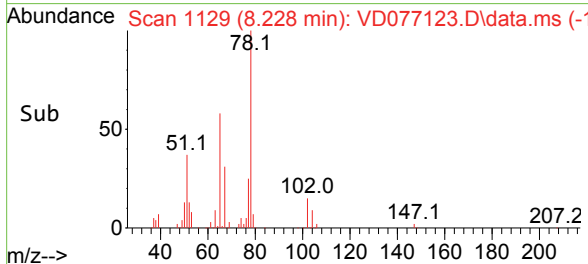
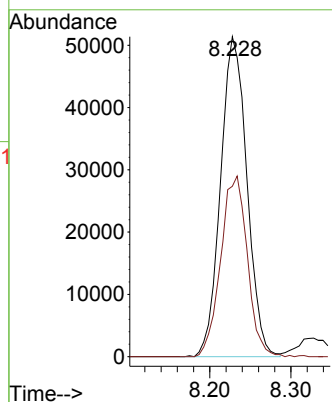
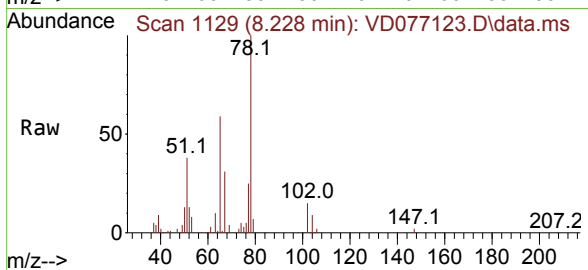
ClientSampleId :

Tgt Ion: 65 Resp: 115974

Ion Ratio Lower Upper

65 100

67 56.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

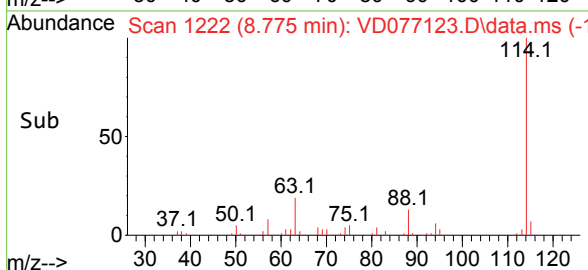
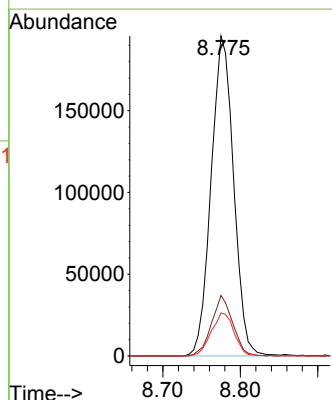
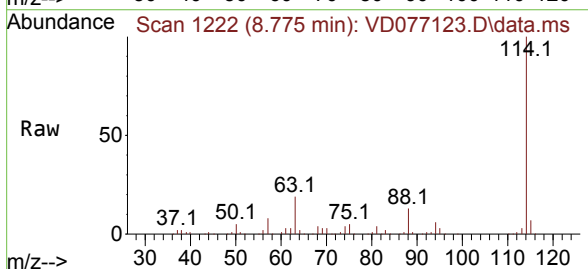
Tgt Ion: 114 Resp: 394312

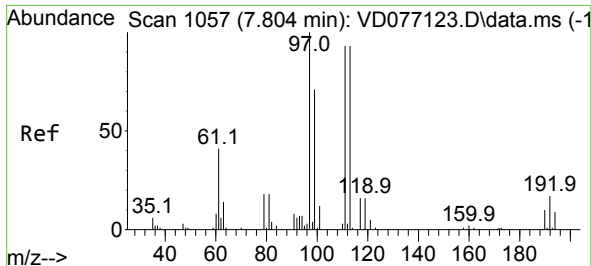
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.701 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

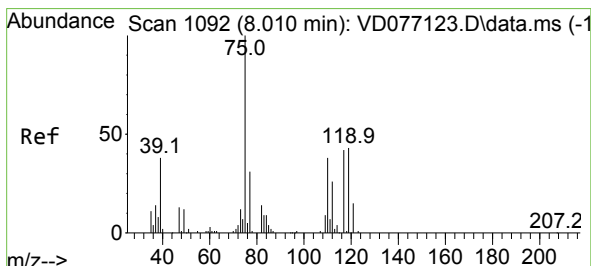
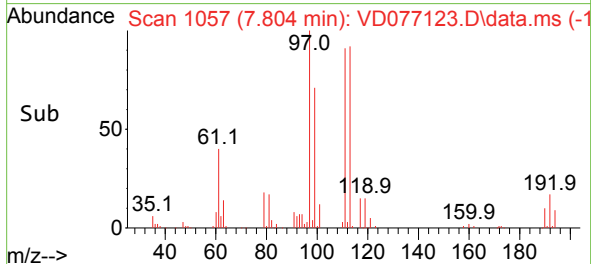
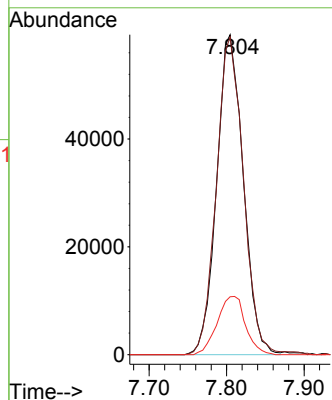
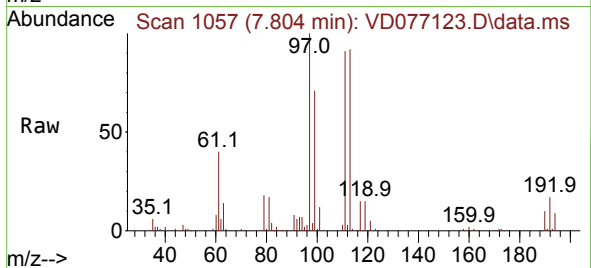
Tgt Ion:113 Resp: 141603

Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.115 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

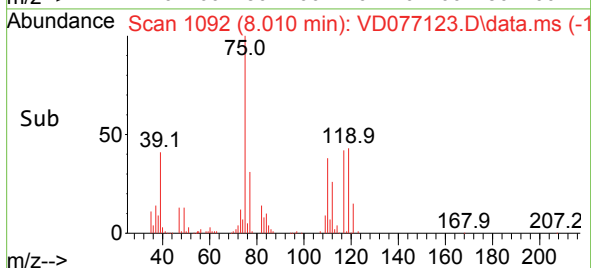
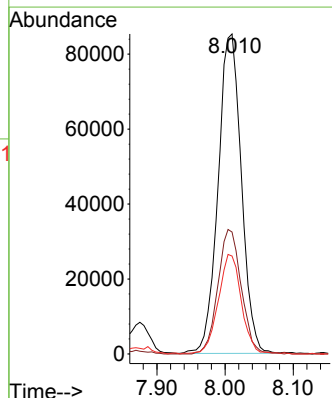
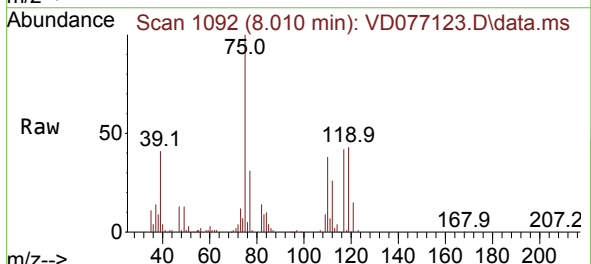
Tgt Ion: 75 Resp: 202588

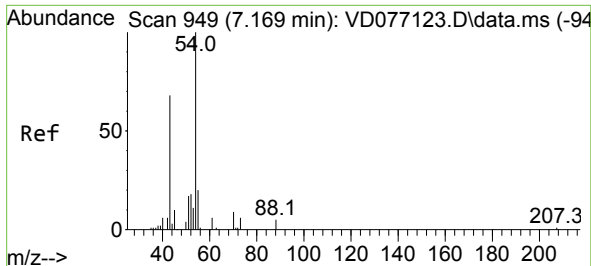
Ion Ratio Lower Upper

75 100

110 39.2 19.9 59.6

77 31.1 24.7 37.1

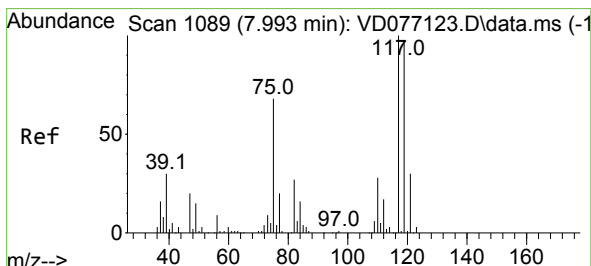
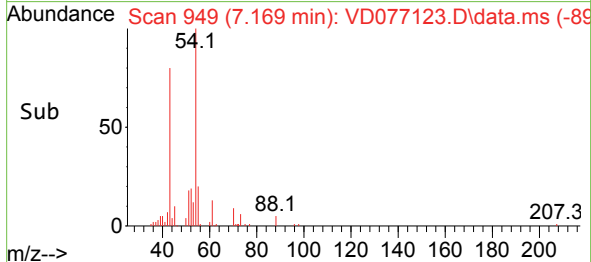
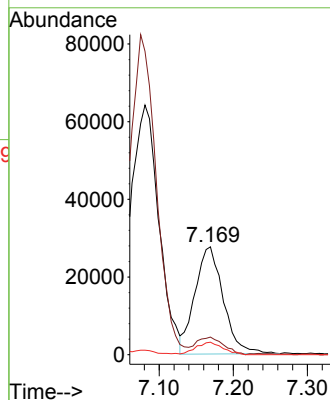
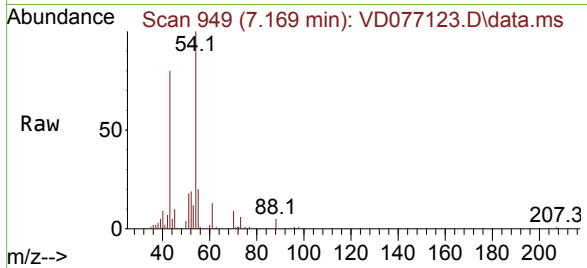




#37
Ethyl Acetate
Concen: 46.264 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

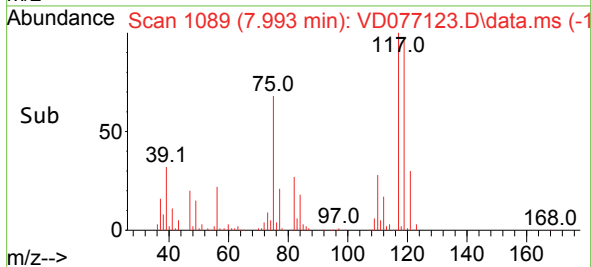
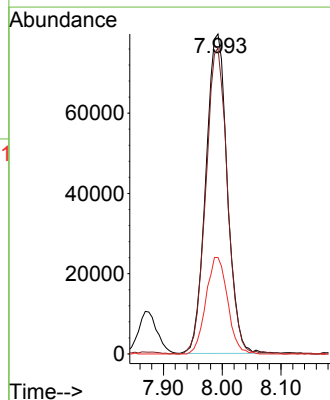
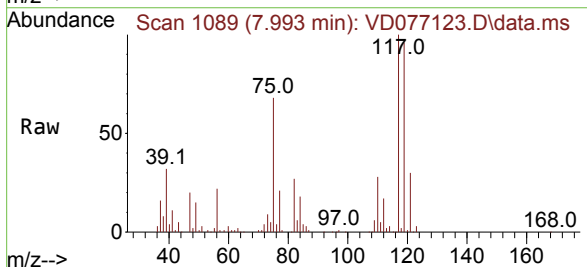
Instrument :
MSVOA_D
ClientSampleId :

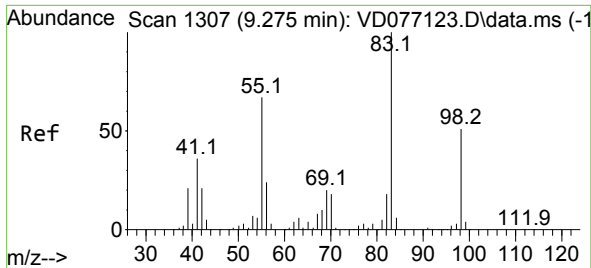
Tgt Ion: 43 Resp: 73213
Ion Ratio Lower Upper
43 100
61 15.7 14.9 22.3
70 10.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.935 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 117 Resp: 202438
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 30.2 24.2 36.2

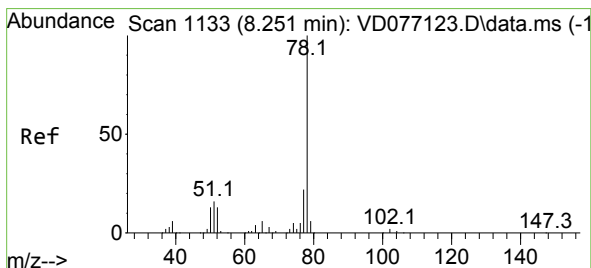
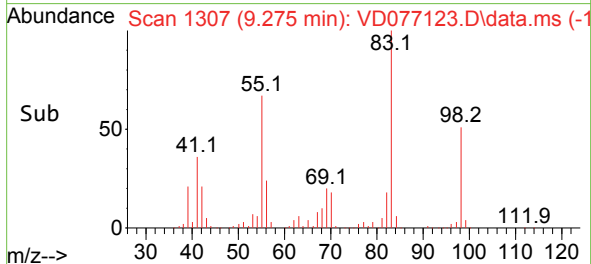
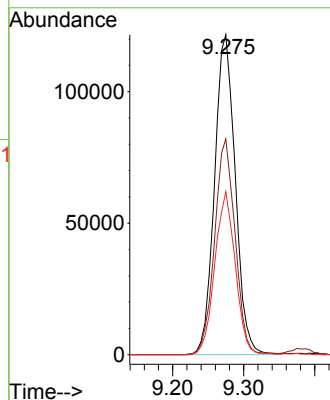
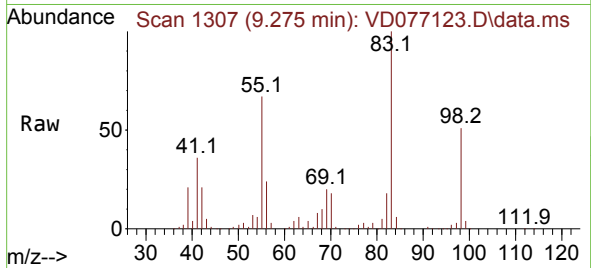




#39
Methylcyclohexane
Concen: 51.937 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

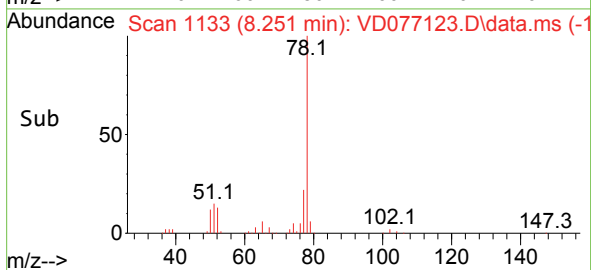
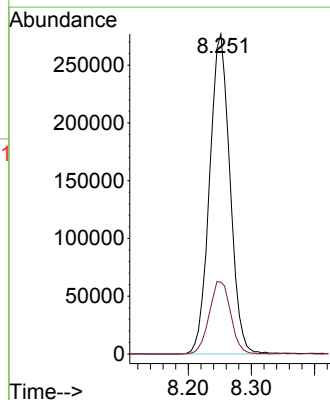
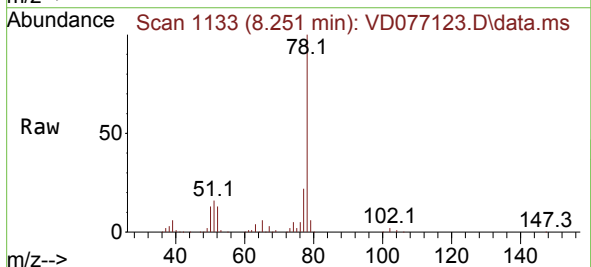
Instrument :
MSVOA_D
ClientSampleId :

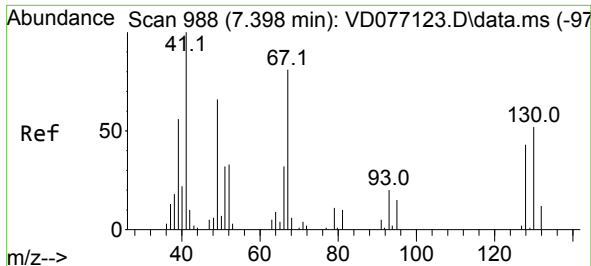
Tgt Ion: 83 Resp: 246487
Ion Ratio Lower Upper
83 100
55 67.4 49.4 74.0
98 50.9 38.4 57.6



#40
Benzene
Concen: 48.611 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

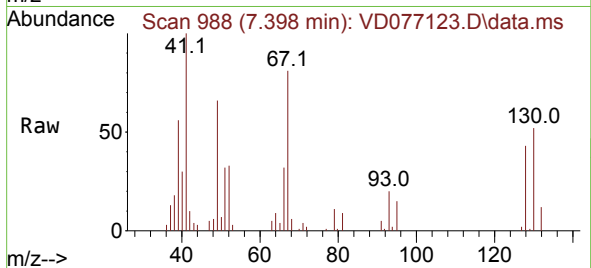
Tgt Ion: 78 Resp: 620347
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0



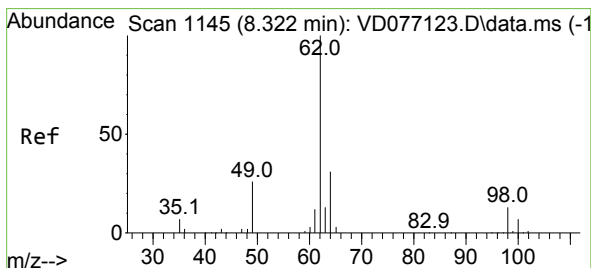
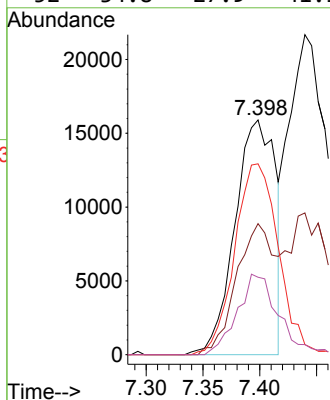
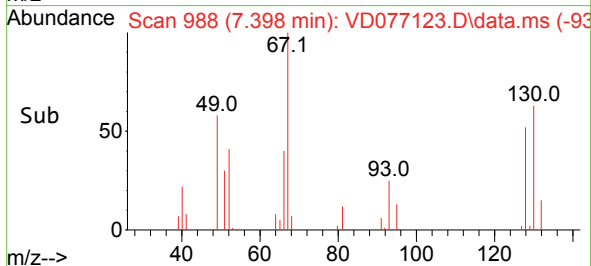


#41
Methacrylonitrile
Concen: 46.681 ug/l
RT: 7.398 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

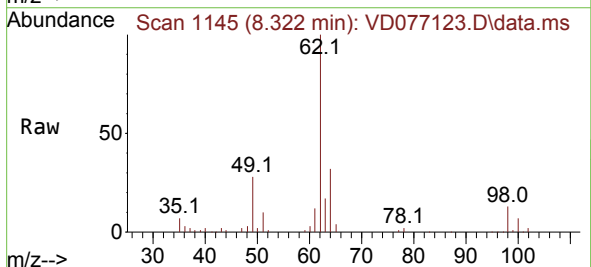
Instrument :
MSVOA_D
ClientSampleId :



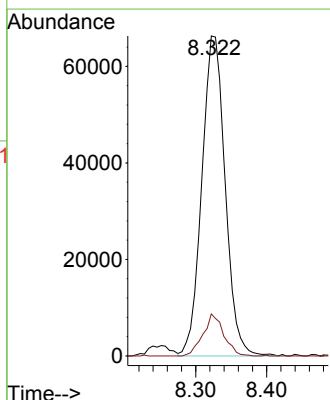
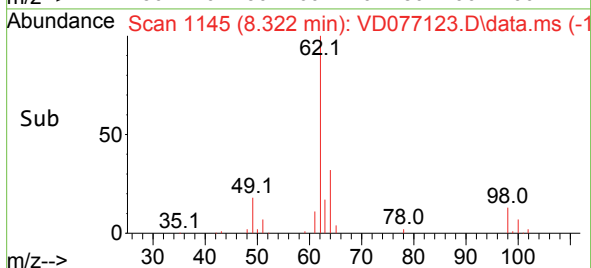
Tgt Ion: 41 Resp: 39430
Ion Ratio Lower Upper
41 100
39 53.2 34.0 51.0#
67 87.7 77.0 115.4
52 34.8 27.9 41.9

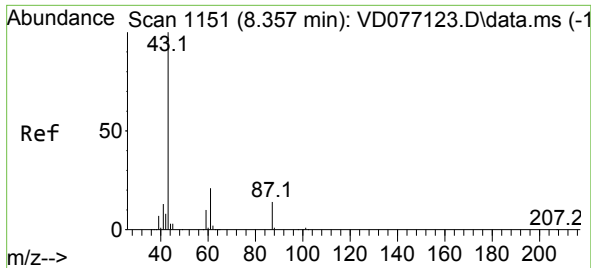


#42
1,2-Dichloroethane
Concen: 47.973 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40



Tgt Ion: 62 Resp: 151786
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4

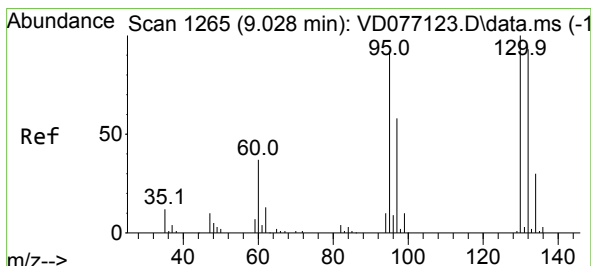
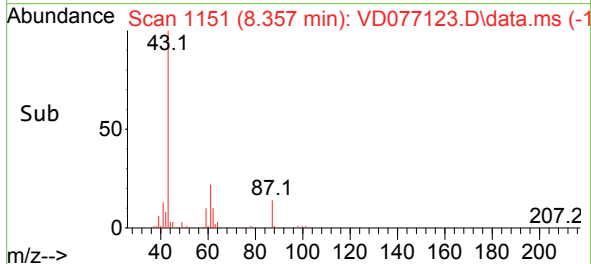
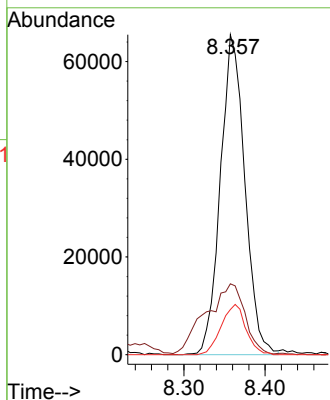
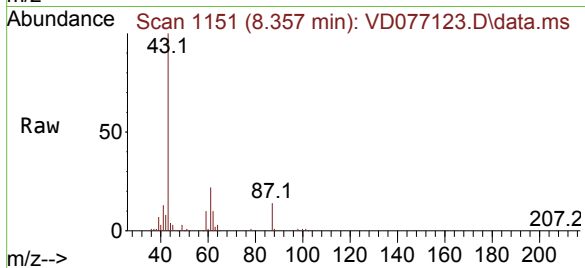




#43
Isopropyl Acetate
Concen: 47.114 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

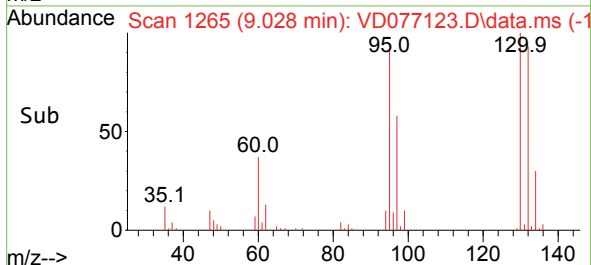
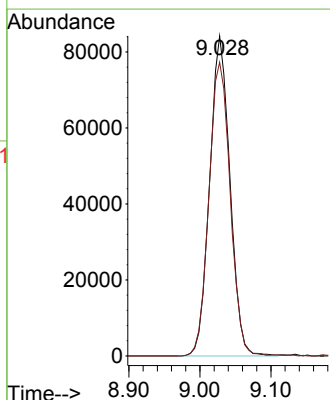
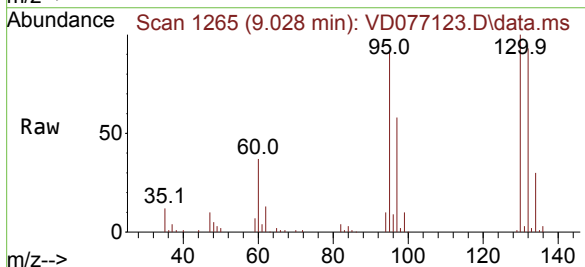
Instrument :
MSVOA_D
ClientSampleId :

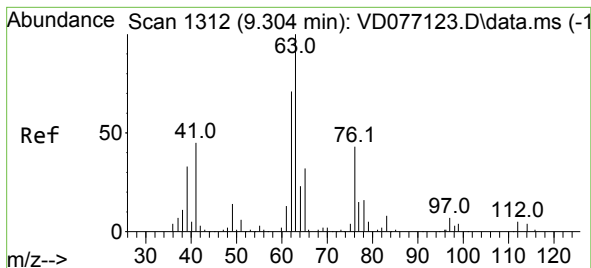
Tgt Ion: 43 Resp: 137277
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 47.287 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion:130 Resp: 167019
Ion Ratio Lower Upper
130 100
95 91.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.906 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

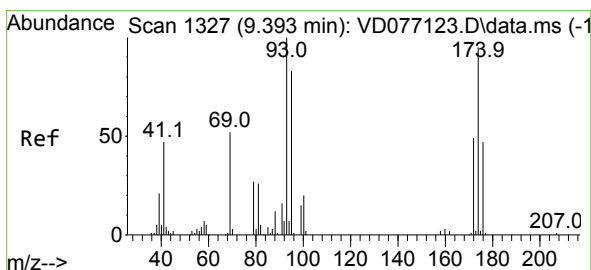
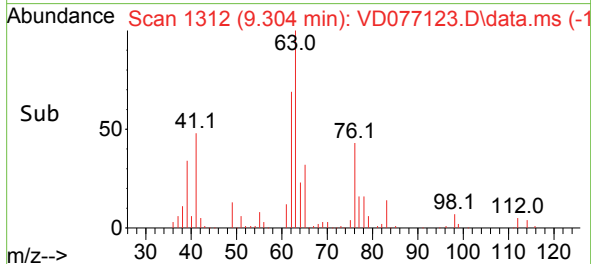
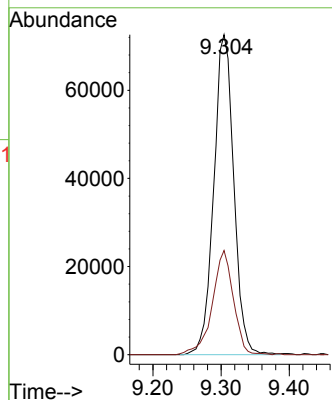
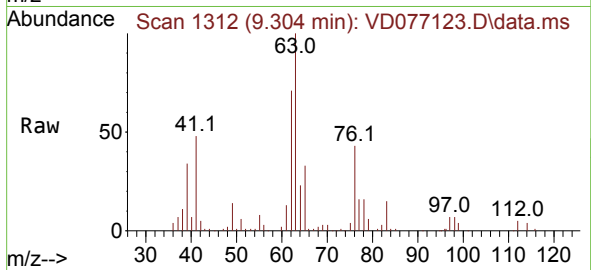
ClientSampleId :

Tgt Ion: 63 Resp: 148492

Ion Ratio Lower Upper

63 100

65 32.3 24.5 36.7



#46

Dibromomethane

Concen: 47.586 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

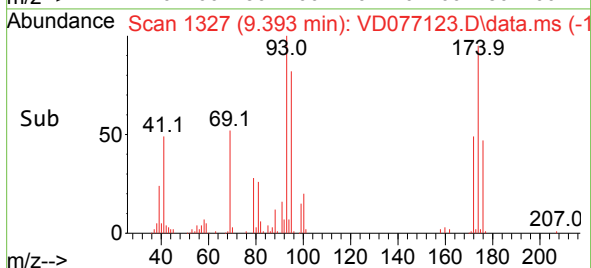
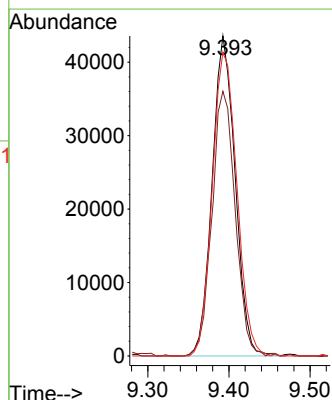
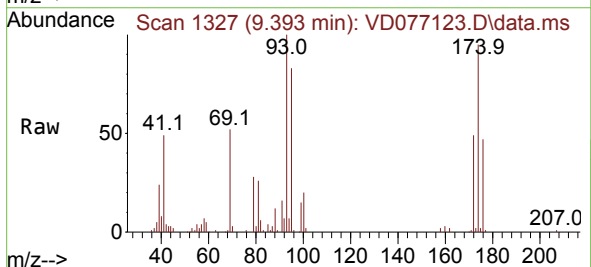
Tgt Ion: 93 Resp: 85712

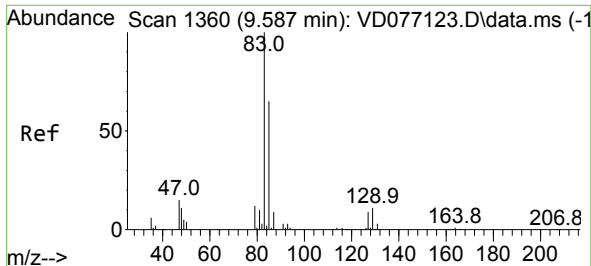
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 101.6 85.4 128.2

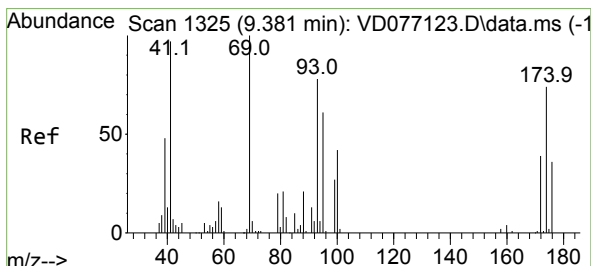
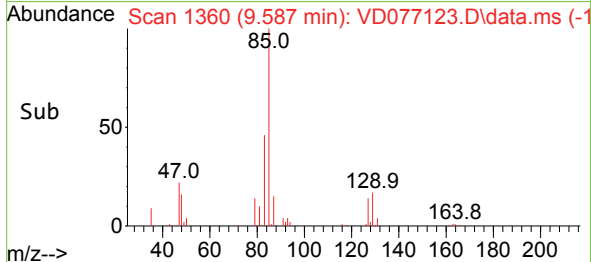
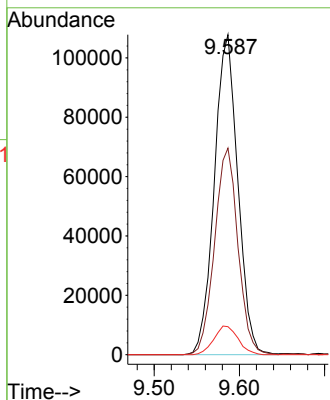
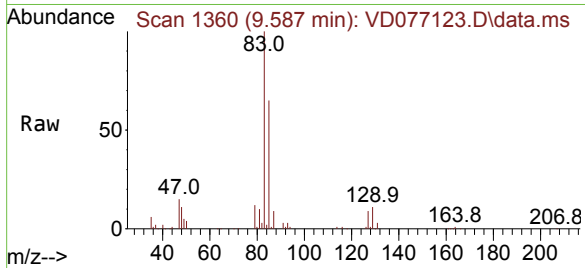




#47
Bromodichloromethane
Concen: 47.506 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

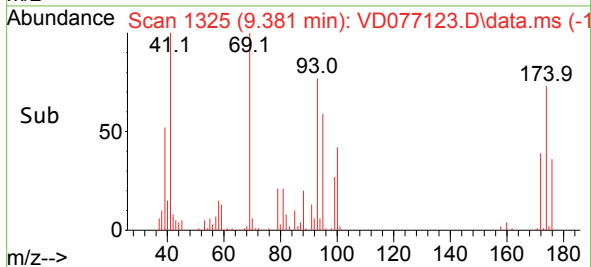
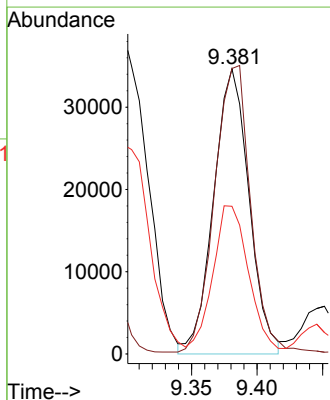
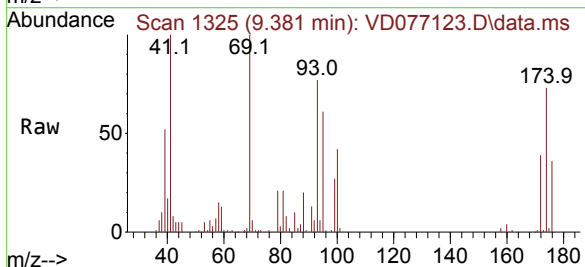
Instrument :
MSVOA_D
ClientSampleId :

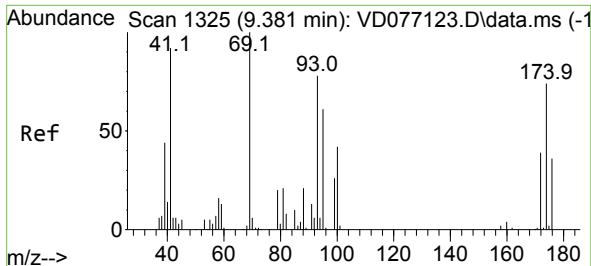
Tgt Ion: 83 Resp: 206780
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 49.140 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 41 Resp: 65146
Ion Ratio Lower Upper
41 100
69 104.5 102.2 153.2
39 49.5 41.4 62.2





#49

1,4-Dioxane

Concen: 969.405 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

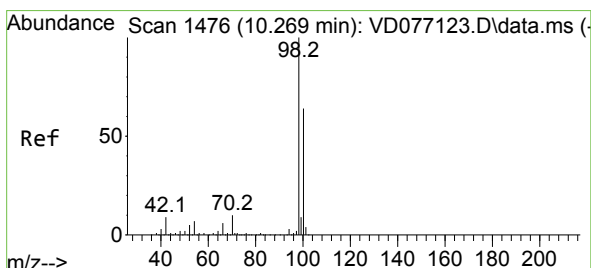
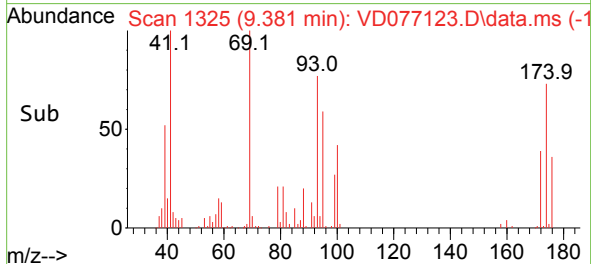
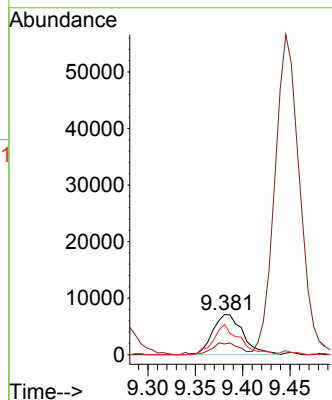
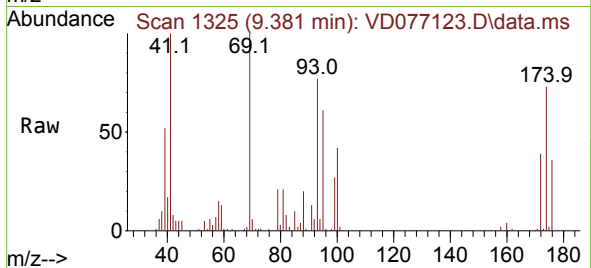
Tgt Ion: 88 Resp: 15761

Ion Ratio Lower Upper

88 100

43 26.1 19.0 28.6

58 64.7 43.5 65.3



#50

Toluene-d8

Concen: 53.296 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077123.D

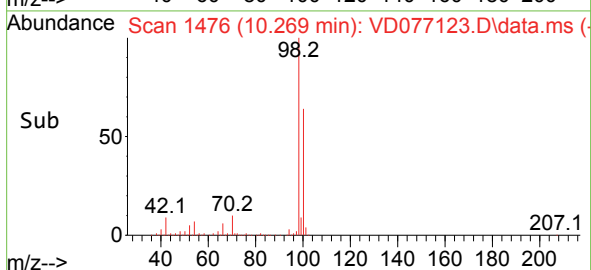
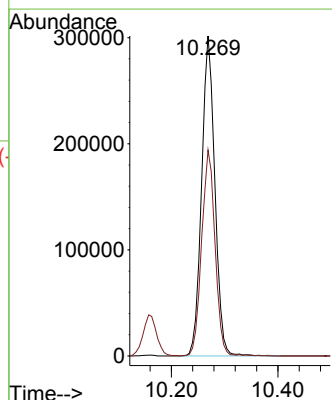
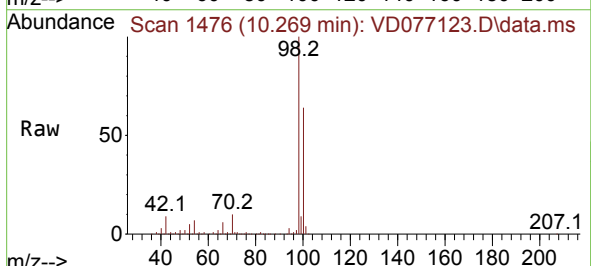
Acq: 18 Sep 2023 11:40

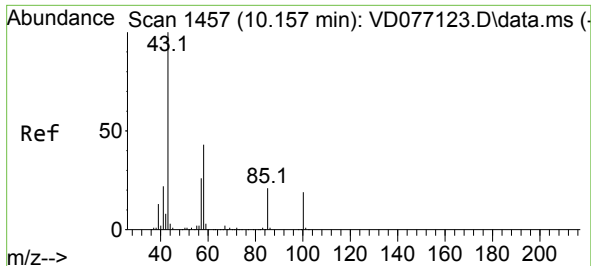
Tgt Ion: 98 Resp: 519566

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

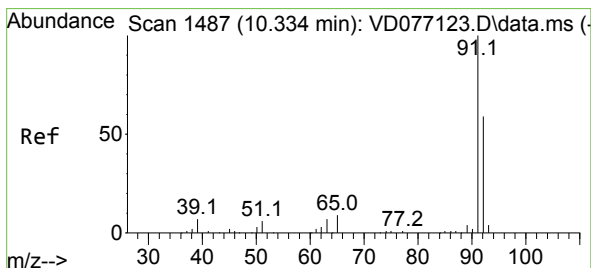
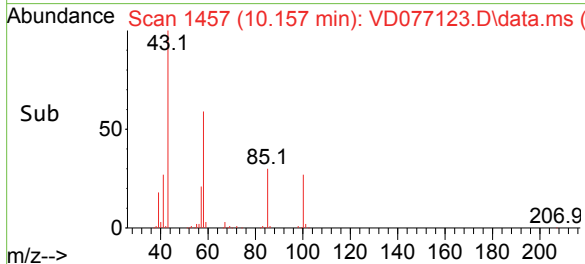
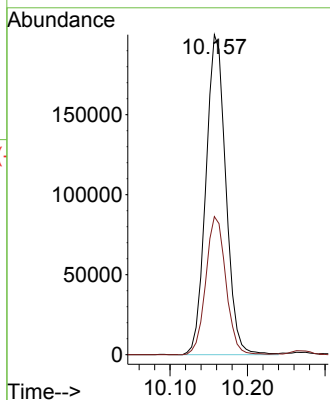
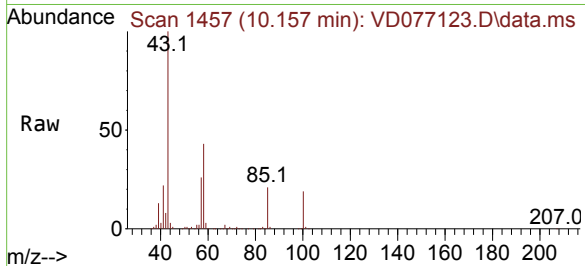




#51
4-Methyl-2-Pentanone
Concen: 234.957 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

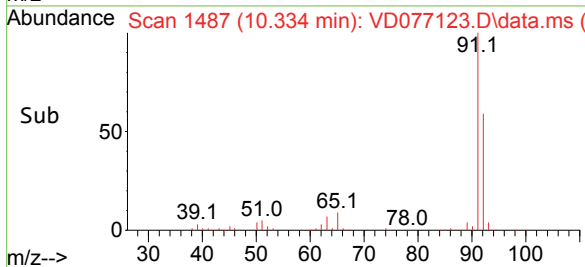
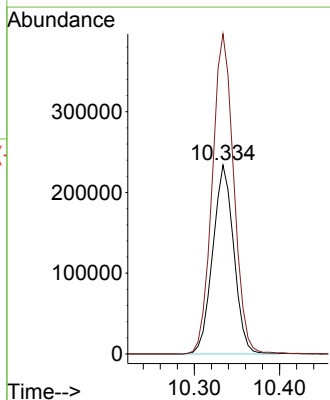
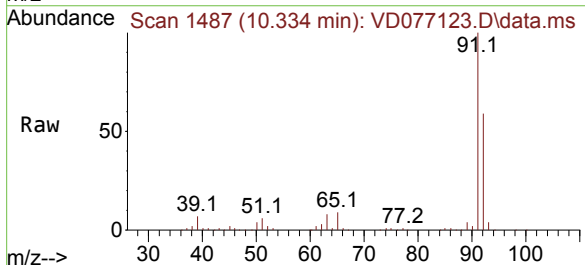
Instrument :
MSVOA_D
ClientSampleId :

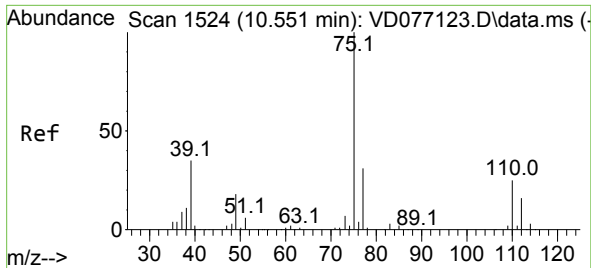
Tgt Ion: 43 Resp: 358037
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 49.195 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 92 Resp: 401631
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4

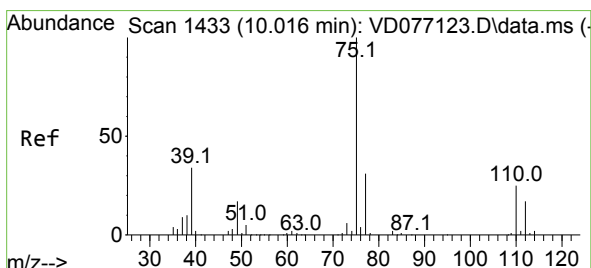
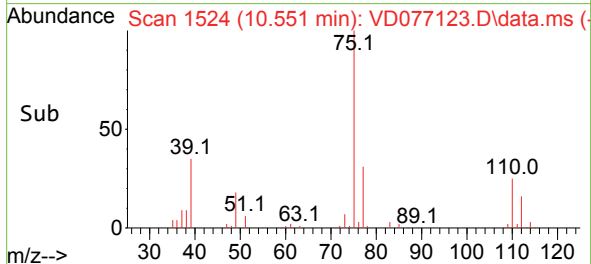
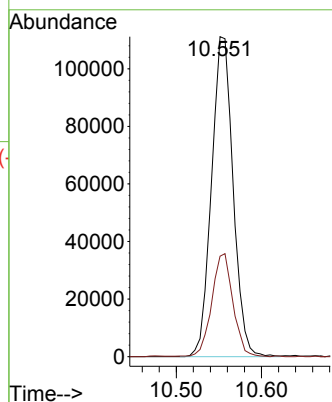
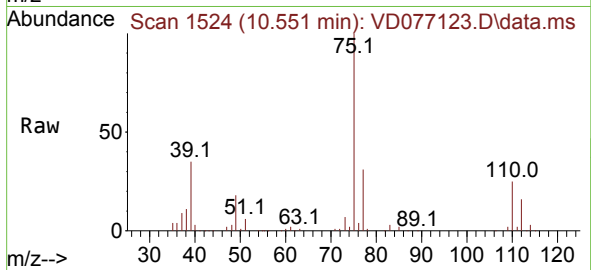




#53
 t-1,3-Dichloropropene
 Concen: 48.195 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

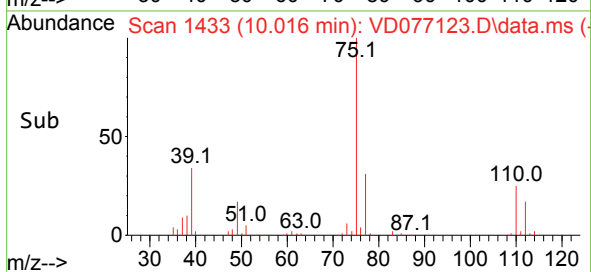
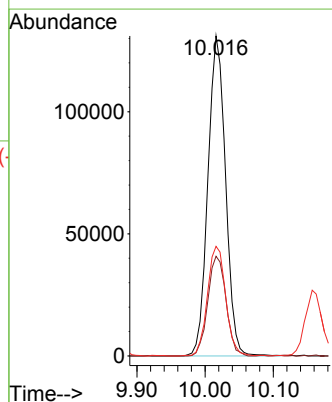
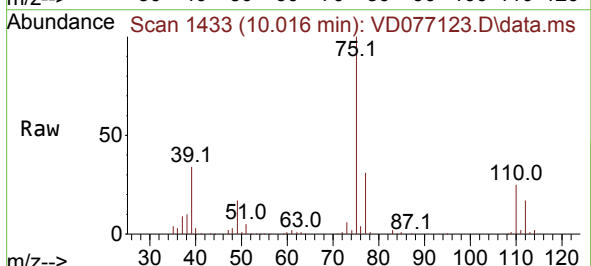
Instrument :
 MSVOA_D
 ClientSampleId :

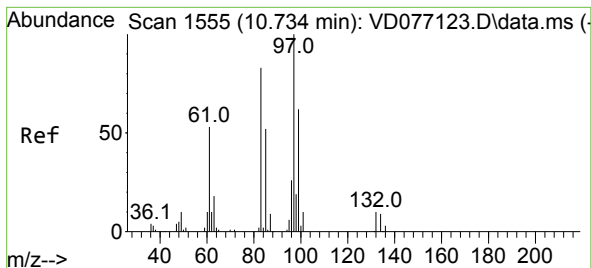
Tgt Ion: 75 Resp: 195982
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.529 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Tgt Ion: 75 Resp: 236435
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 34.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 47.676 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 116799

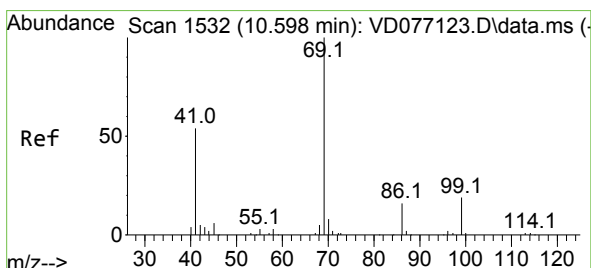
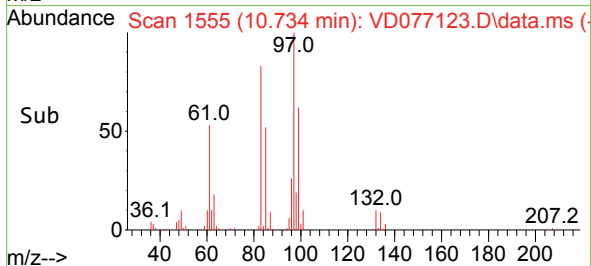
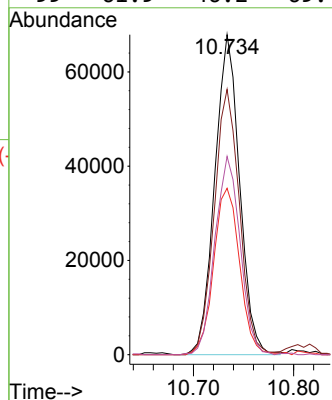
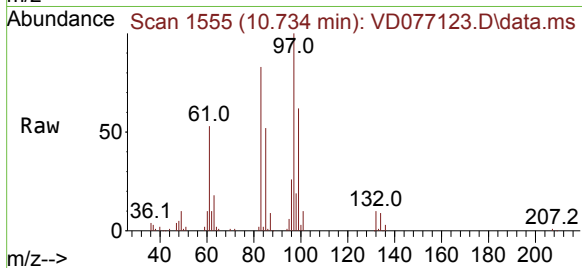
Ion Ratio Lower Upper

97 100

83 82.9 65.8 98.6

85 52.0 45.7 68.5

99 61.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 49.771 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

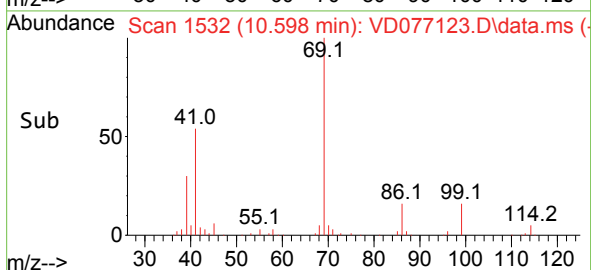
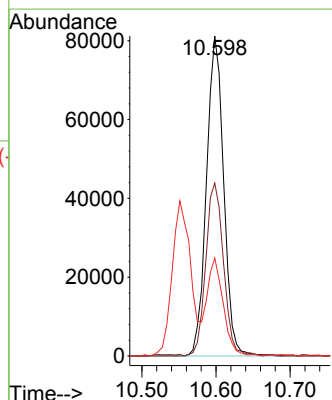
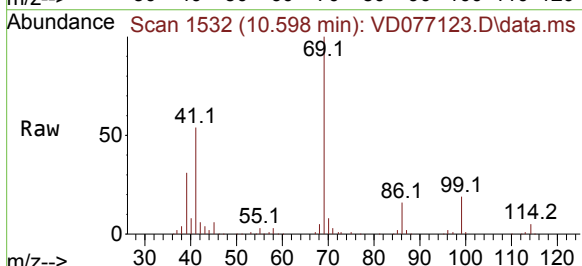
Tgt Ion: 69 Resp: 130996

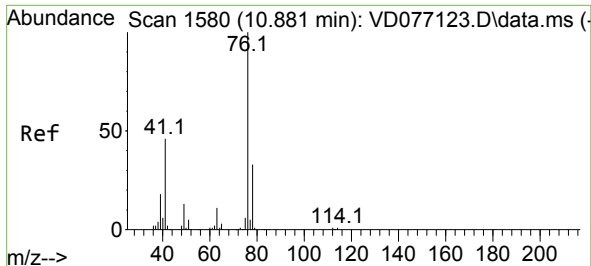
Ion Ratio Lower Upper

69 100

41 55.9 39.1 58.7

39 27.9 20.0 30.0





#57

1,3-Dichloropropane

Concen: 48.387 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

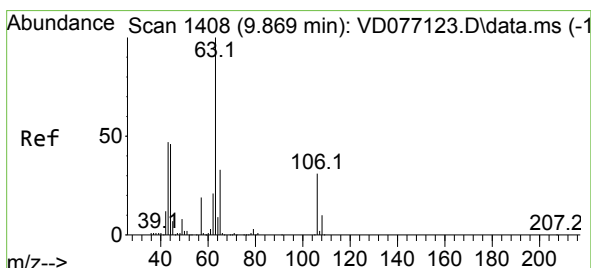
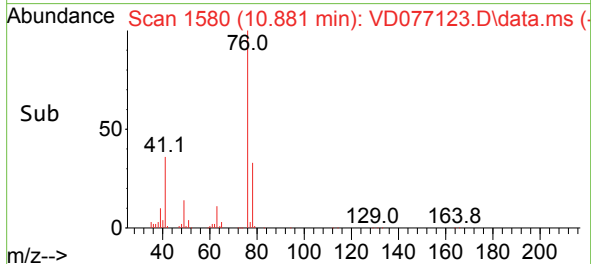
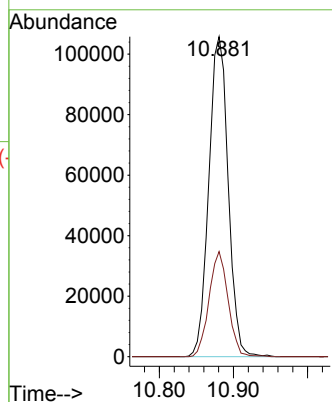
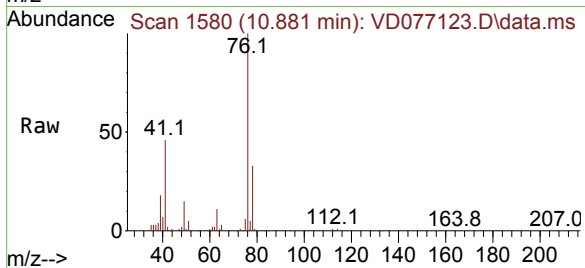
ClientSampleId :

Tgt Ion: 76 Resp: 191898

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.164 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077123.D

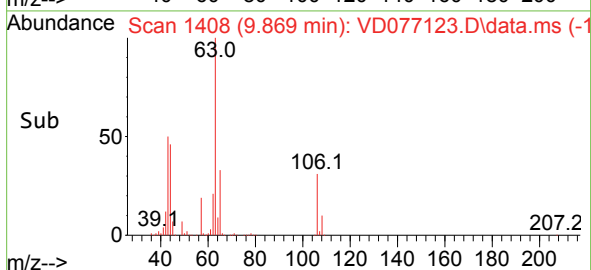
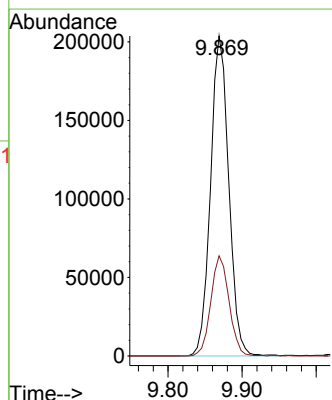
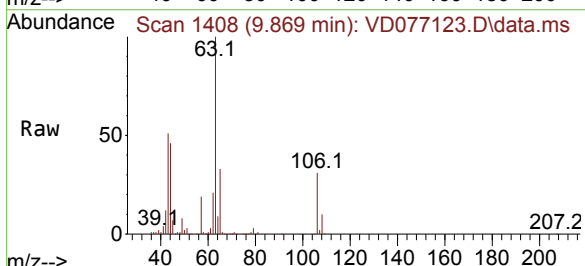
Acq: 18 Sep 2023 11:40

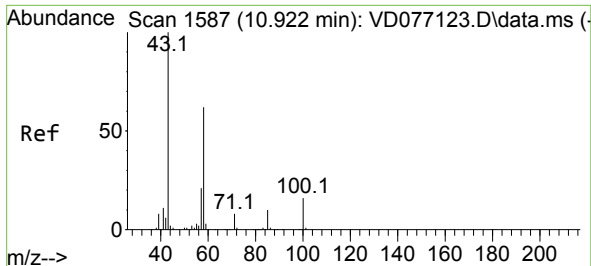
Tgt Ion: 63 Resp: 347875

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9





#59

2-Hexanone

Concen: 238.292 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

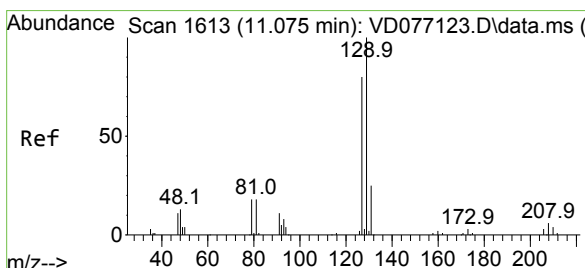
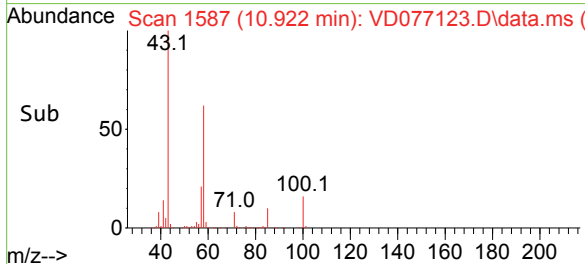
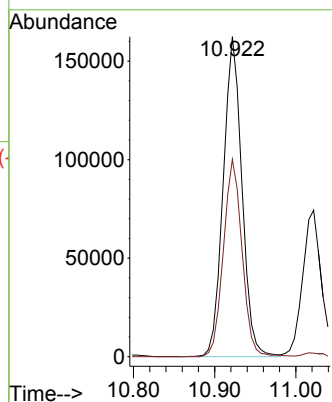
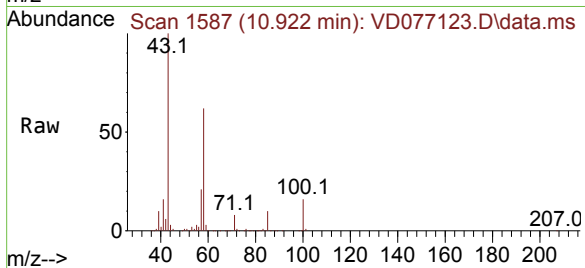
ClientSampleId :

Tgt Ion: 43 Resp: 260537

Ion Ratio Lower Upper

43 100

58 61.4 34.1 102.2



#60

Dibromochloromethane

Concen: 48.535 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077123.D

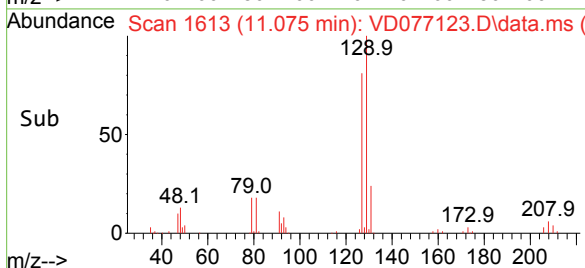
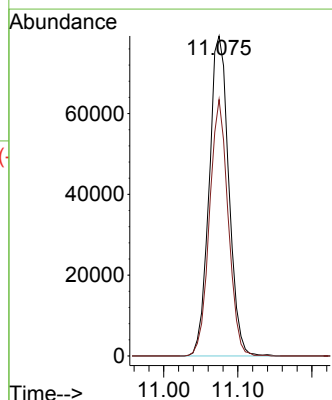
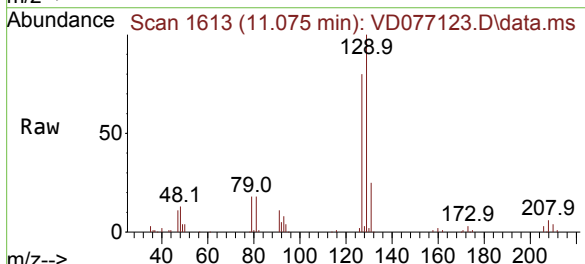
Acq: 18 Sep 2023 11:40

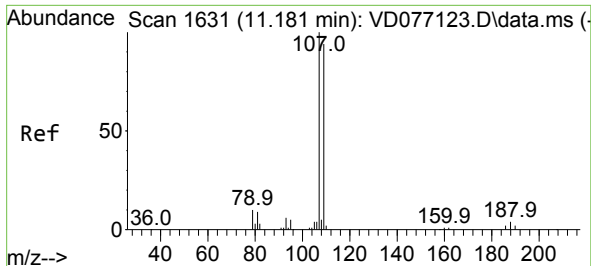
Tgt Ion: 129 Resp: 145633

Ion Ratio Lower Upper

129 100

127 76.1 37.1 111.5

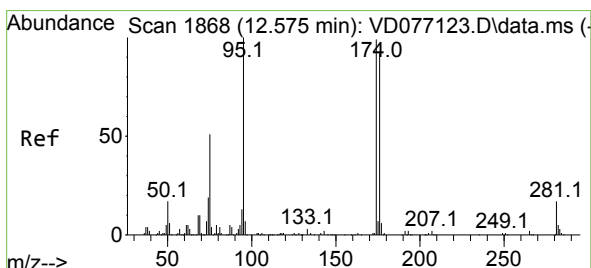
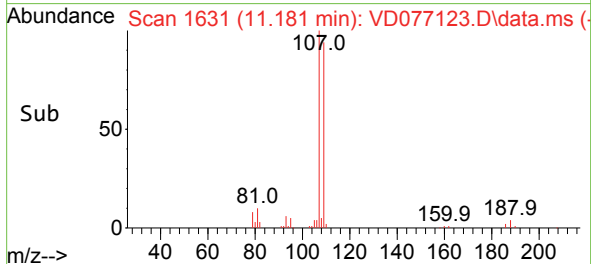
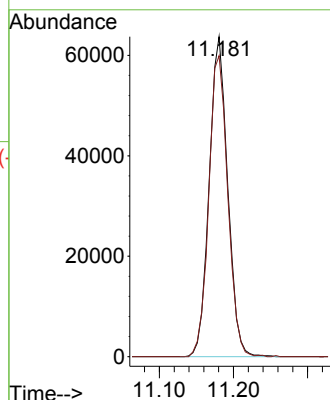
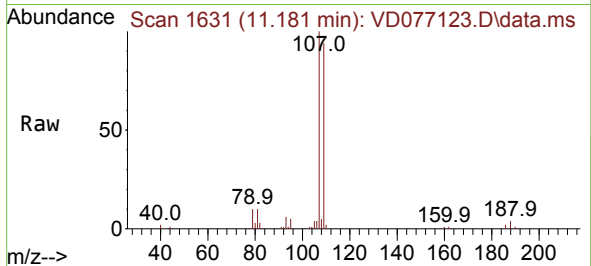




#61
1,2-Dibromoethane
Concen: 46.629 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

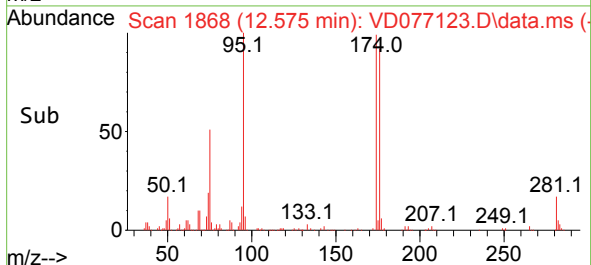
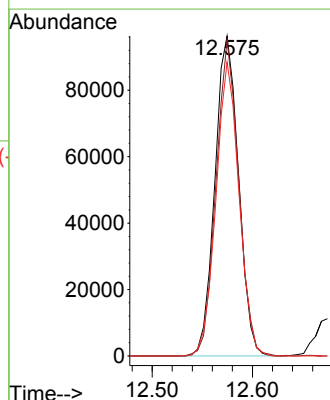
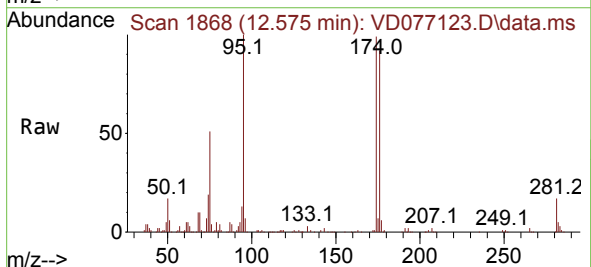
Instrument :
MSVOA_D
ClientSampleId :

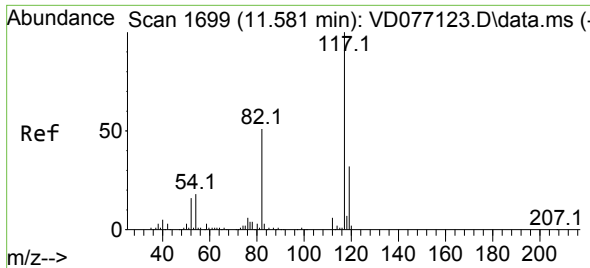
Tgt Ion:107 Resp: 110434
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.961 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 95 Resp: 157005
Ion Ratio Lower Upper
95 100
174 94.8 0.0 201.8
176 89.8 0.0 191.8

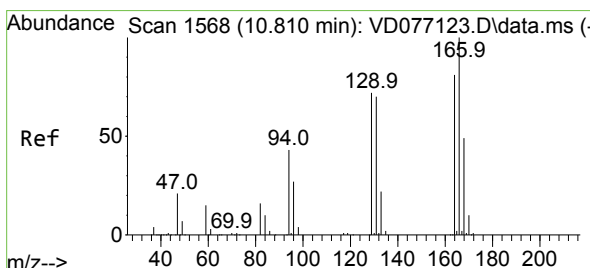
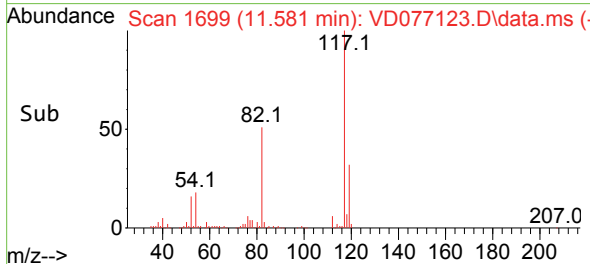
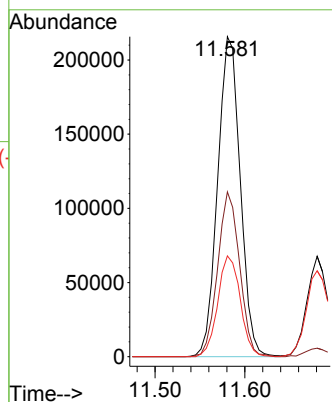
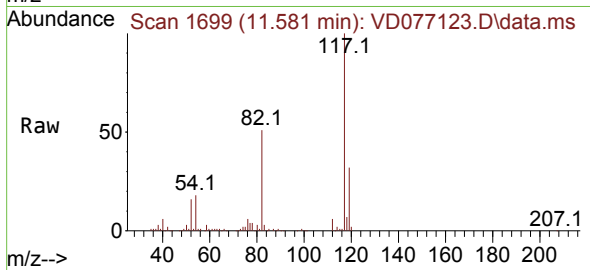




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

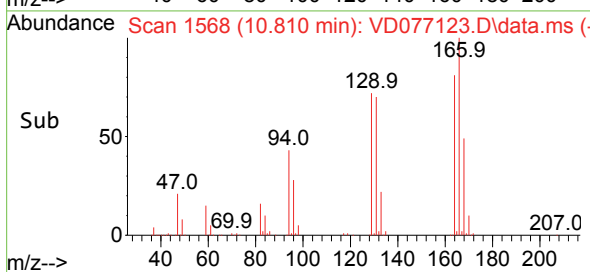
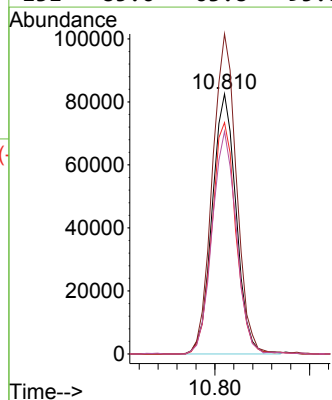
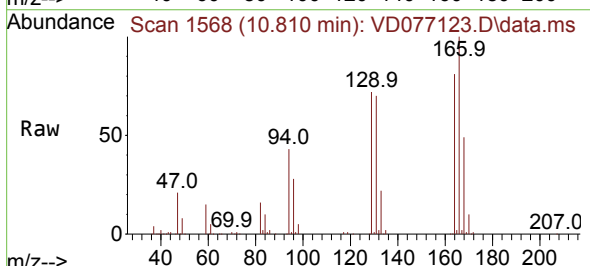
Instrument :
MSVOA_D
ClientSampleId :

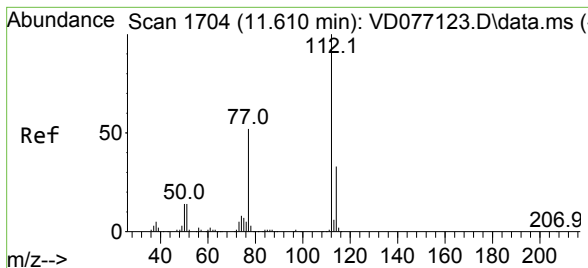
Tgt Ion:117 Resp: 376966
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 49.243 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion:164 Resp: 144428
Ion Ratio Lower Upper
164 100
166 123.1 99.2 148.8
129 89.0 68.4 102.6
131 85.6 63.8 95.8

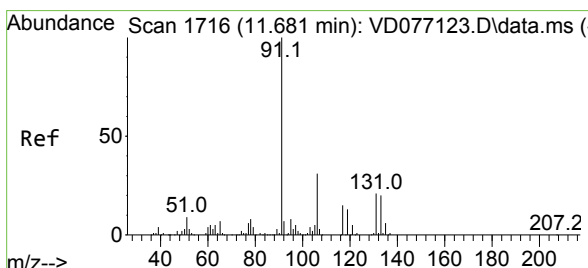
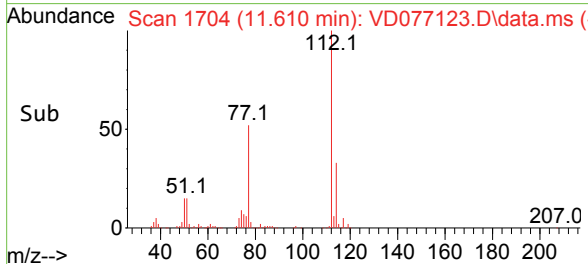
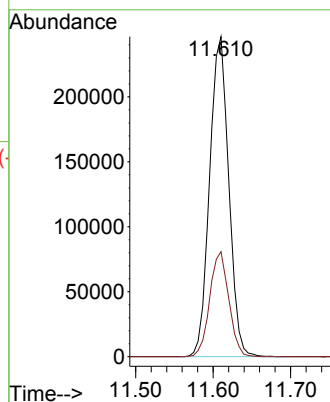
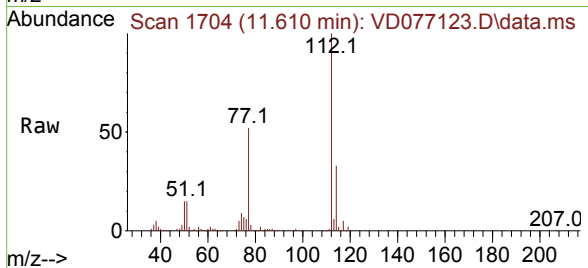




#65
Chlorobenzene
Concen: 47.671 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

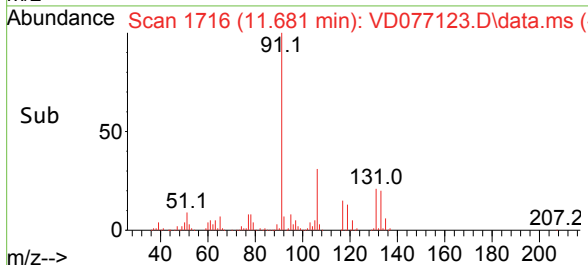
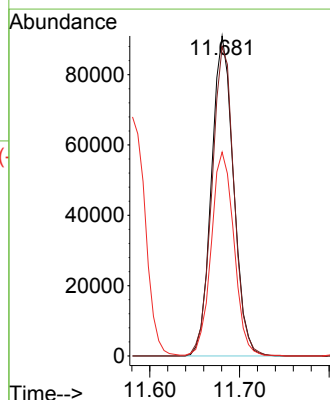
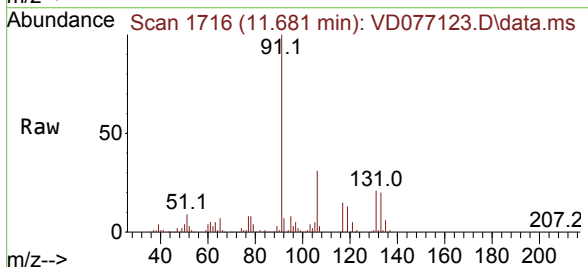
Instrument :
MSVOA_D
ClientSampleId :

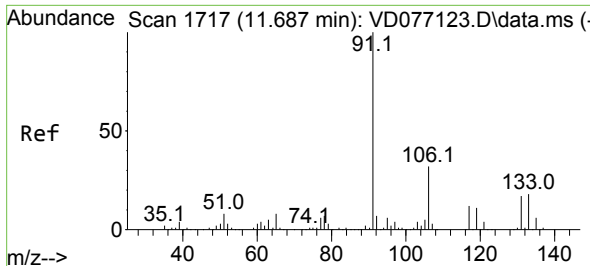
Tgt Ion:112 Resp: 422738
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.897 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion:131 Resp: 155393
Ion Ratio Lower Upper
131 100
133 97.4 48.5 145.5
119 65.9 35.6 106.9

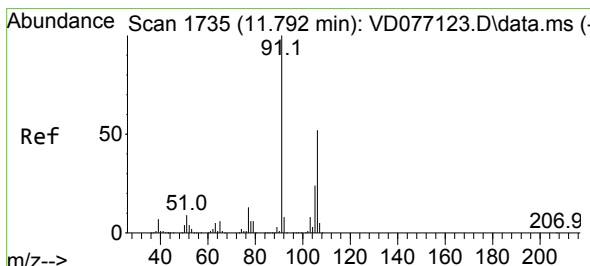
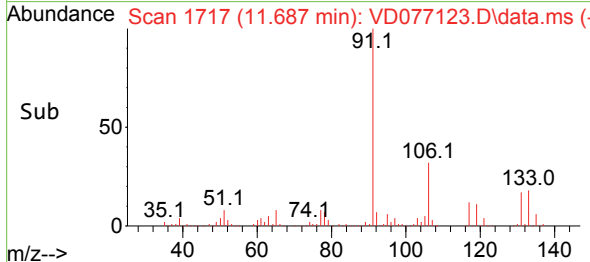
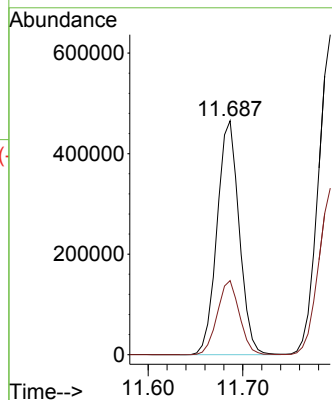
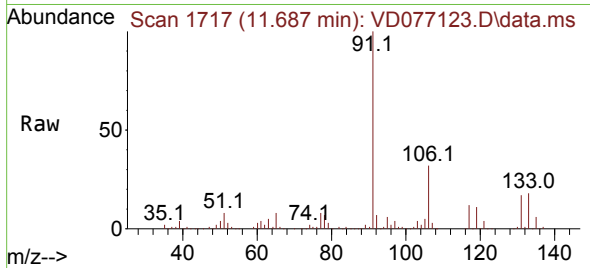




#67
Ethyl Benzene
Concen: 49.586 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

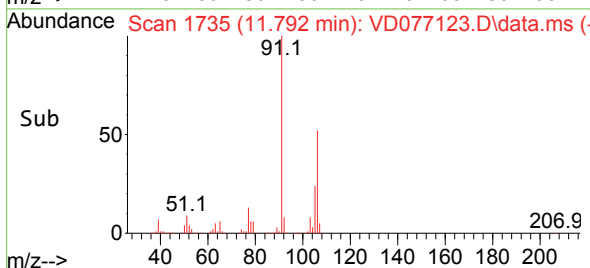
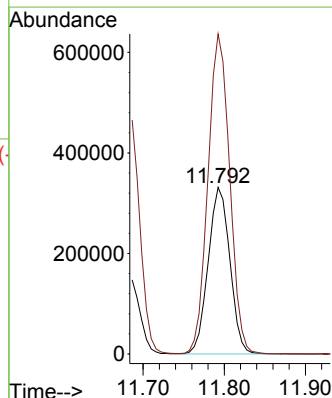
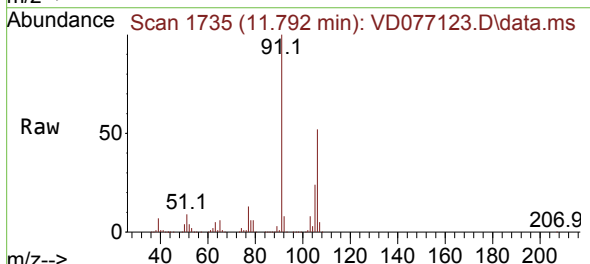
Instrument :
MSVOA_D
ClientSampleId :

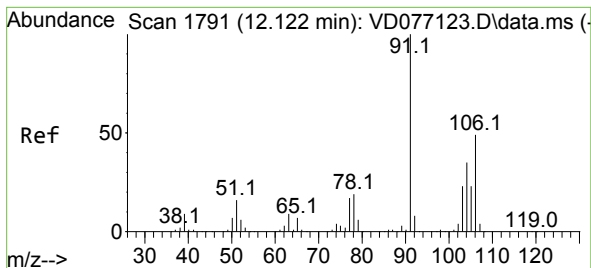
Tgt Ion: 91 Resp: 755816
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7



#68
m/p-Xylenes
Concen: 100.900 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion:106 Resp: 615794
Ion Ratio Lower Upper
106 100
91 192.6 147.0 220.6





#69

o-Xylene

Concen: 49.958 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

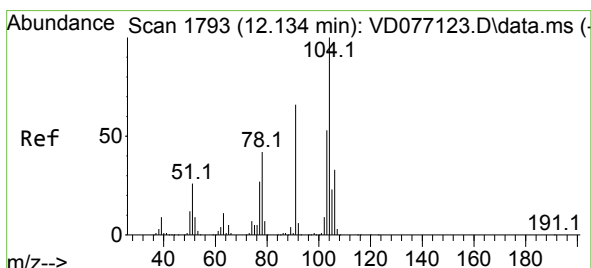
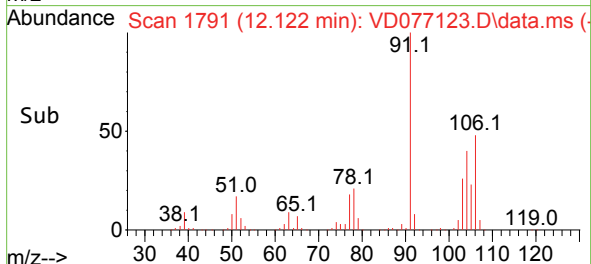
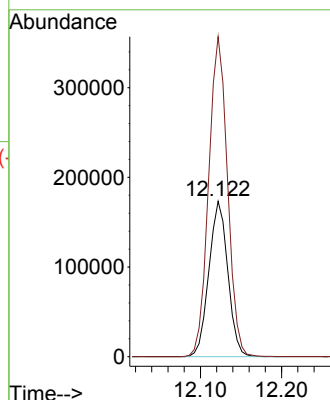
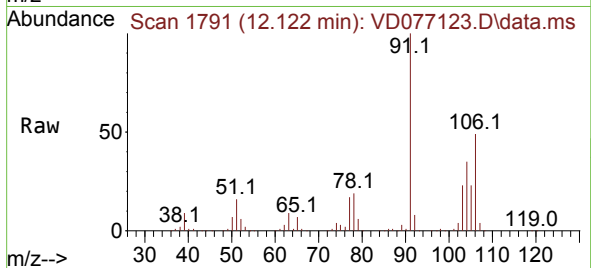
ClientSampleId :

Tgt Ion:106 Resp: 279847

Ion Ratio Lower Upper

106 100

91 205.6 97.9 293.6



#70

Styrene

Concen: 51.003 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

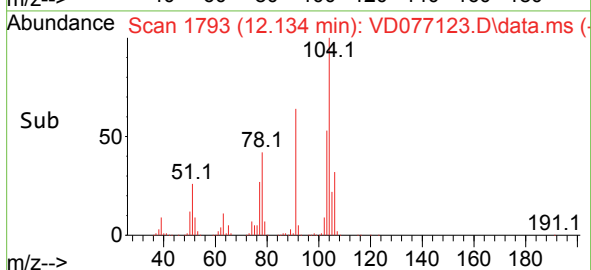
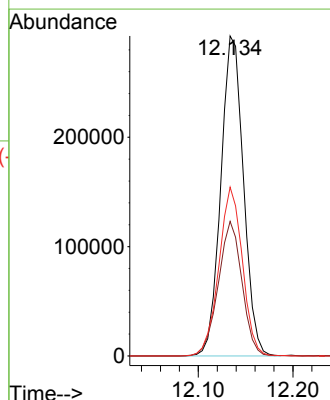
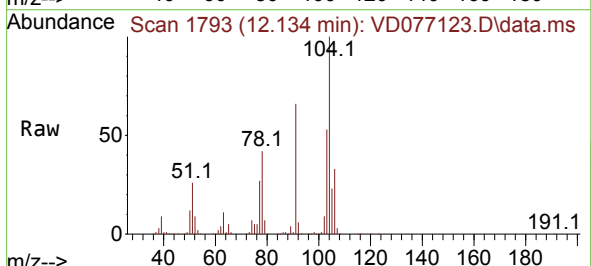
Tgt Ion:104 Resp: 486745

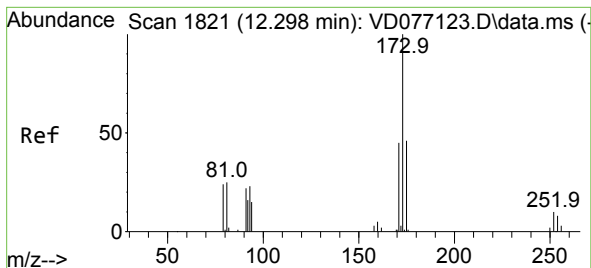
Ion Ratio Lower Upper

104 100

78 44.0 33.2 49.8

103 54.8 43.6 65.4





#71

Bromoform

Concen: 47.877 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077123.D

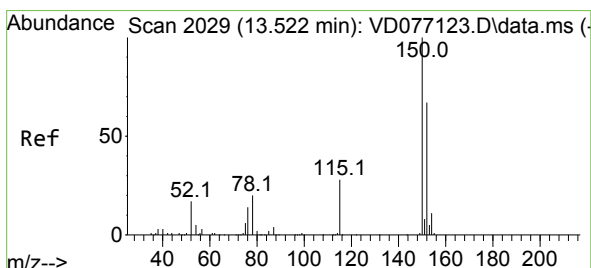
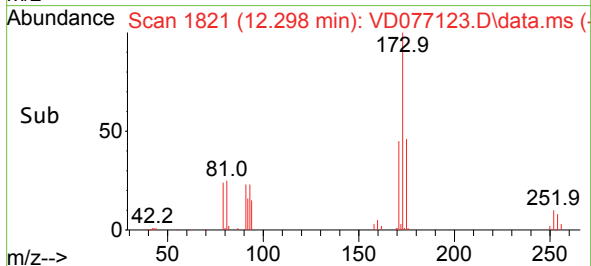
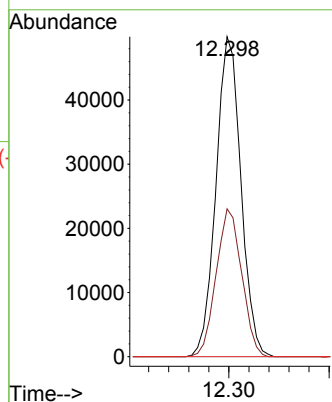
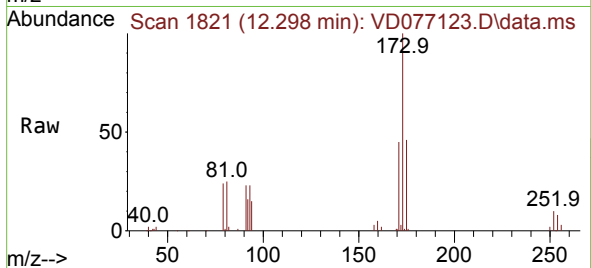
Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	86100
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

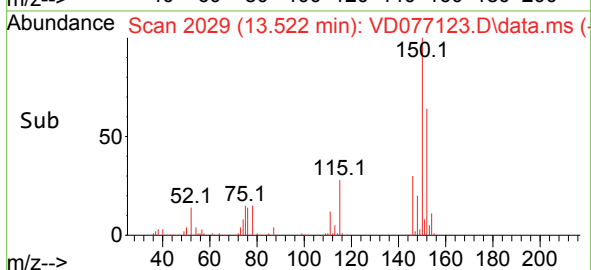
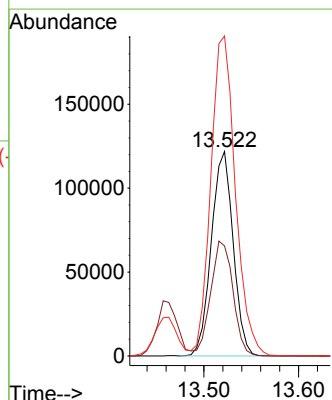
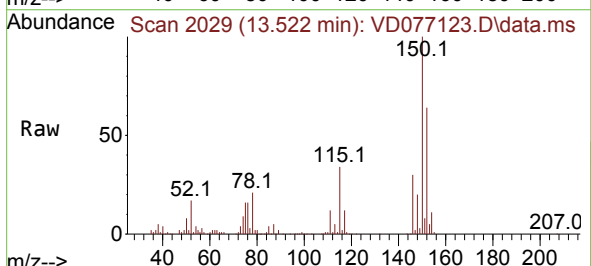
RT: 13.522 min Scan# 2029

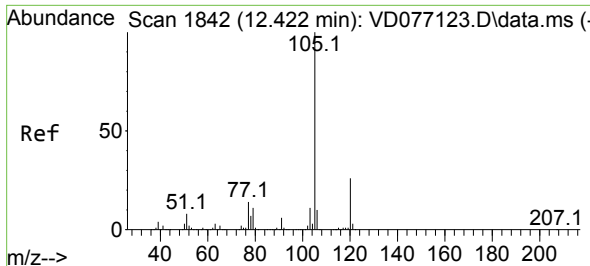
Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Tgt Ion:	152	Resp:	195913
Ion Ratio	Lower	Upper	
152	100		
115	57.4	27.1	81.3
150	175.7	0.0	353.6

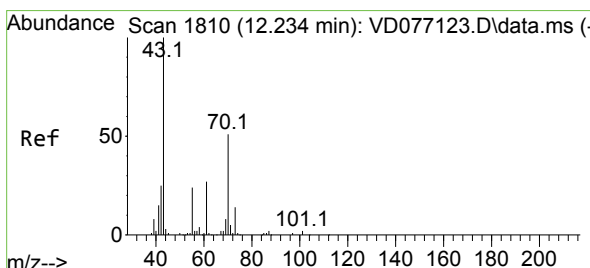
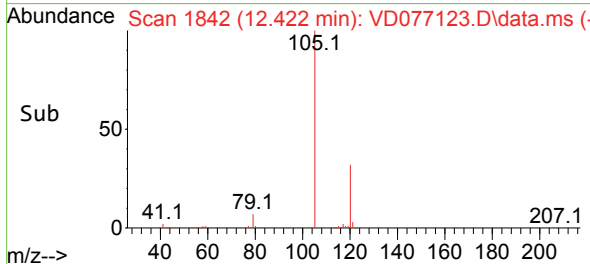
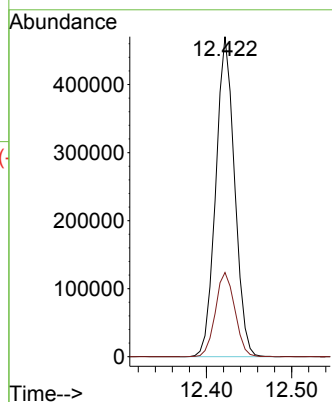
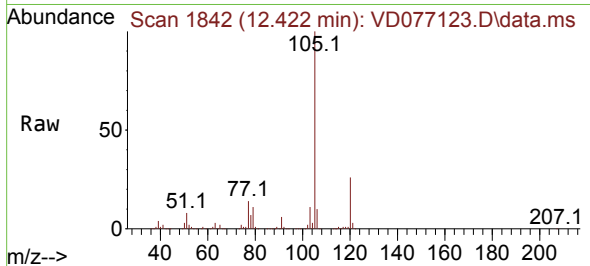




#73
Isopropylbenzene
Concen: 49.806 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

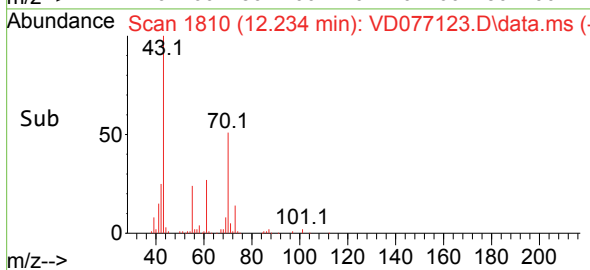
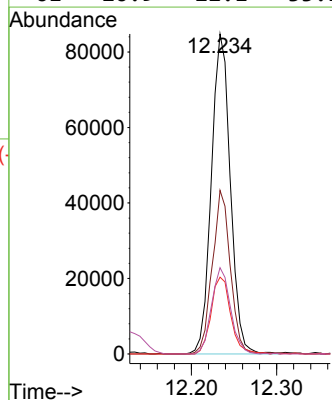
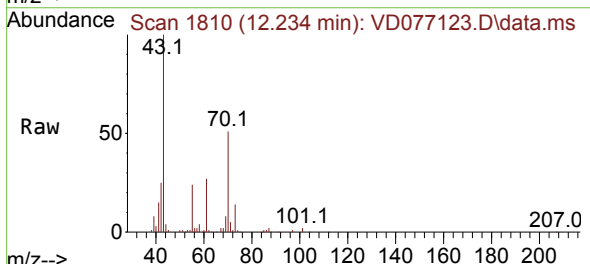
Instrument :
MSVOA_D
ClientSampleId :

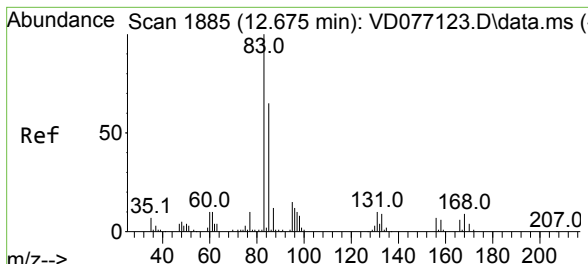
Tgt Ion:105 Resp: 720997
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 48.340 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 43 Resp: 131448
Ion Ratio Lower Upper
43 100
70 48.7 45.0 67.4
55 25.0 23.8 35.6
61 26.9 22.1 33.1

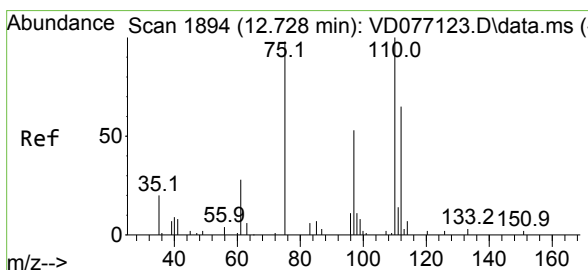
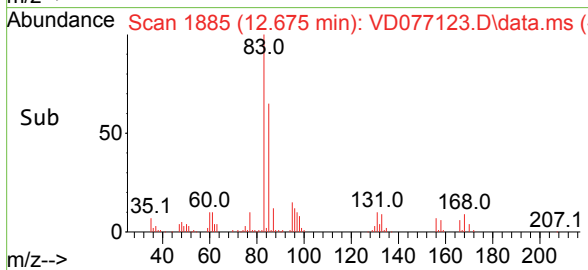
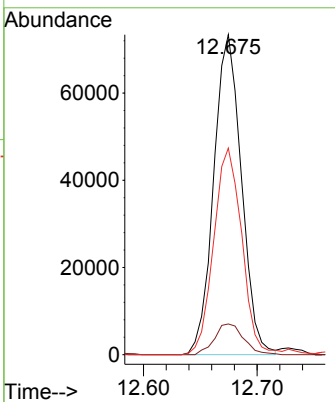
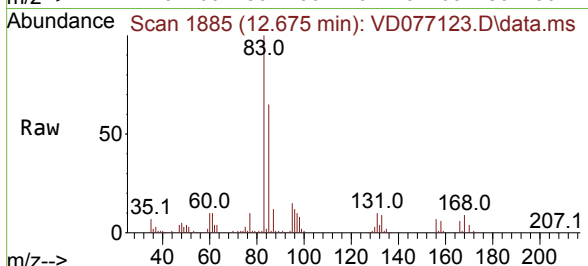




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.518 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

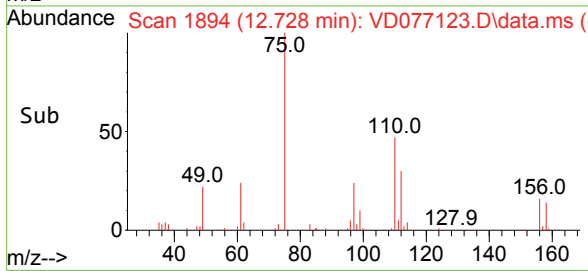
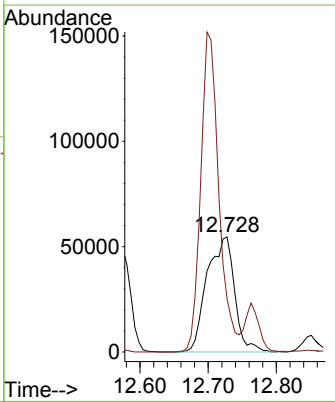
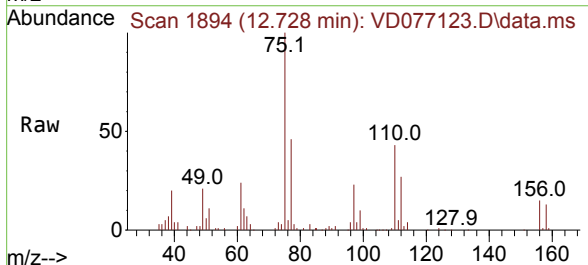
Instrument : MSVOA_D
 ClientSampleId :

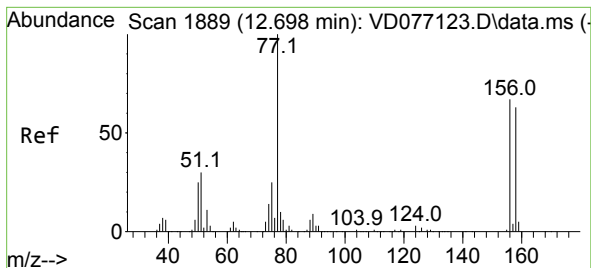
Tgt Ion:	83	Resp:	124349
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	65.4	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 94.806 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Tgt Ion:	75	Resp:	153322
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.330 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

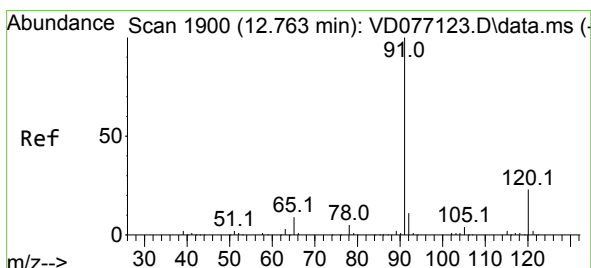
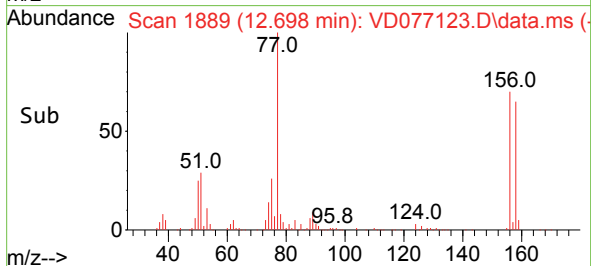
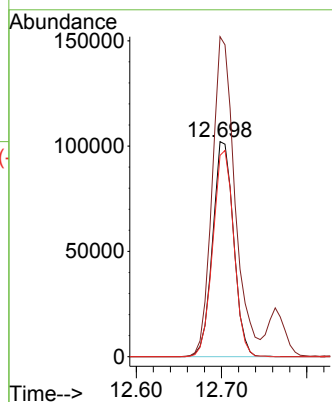
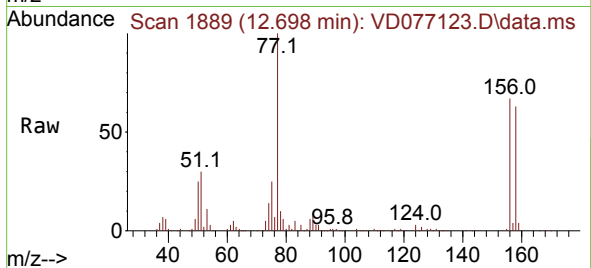
Tgt Ion:156 Resp: 174208

Ion Ratio Lower Upper

156 100

77 161.8 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 49.946 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077123.D

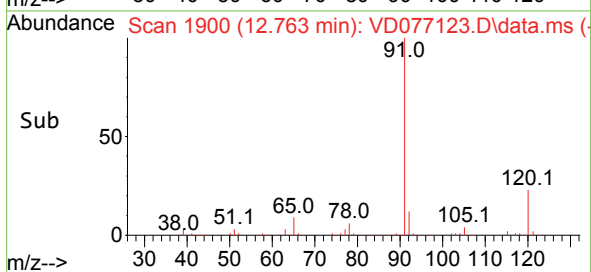
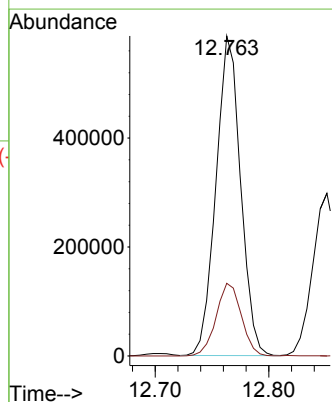
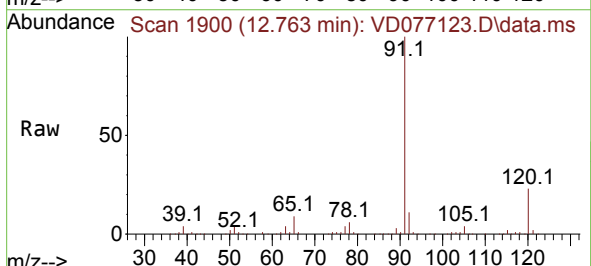
Acq: 18 Sep 2023 11:40

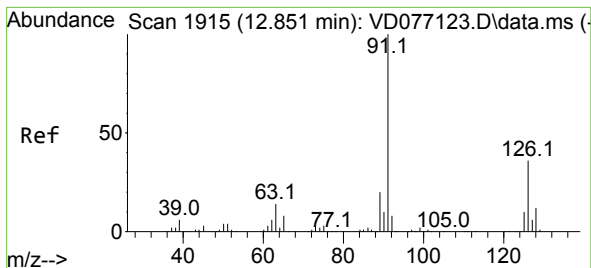
Tgt Ion: 91 Resp: 883757

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.085 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

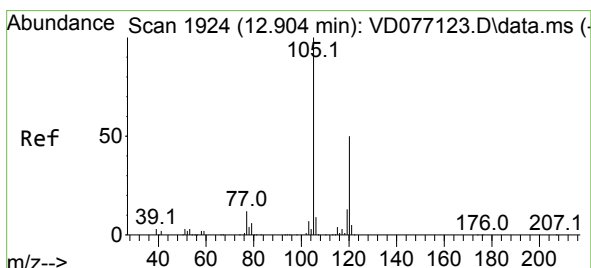
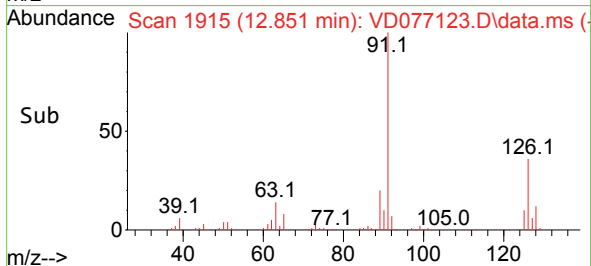
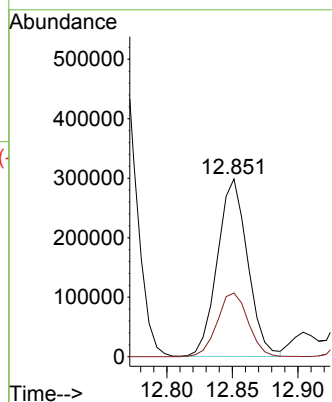
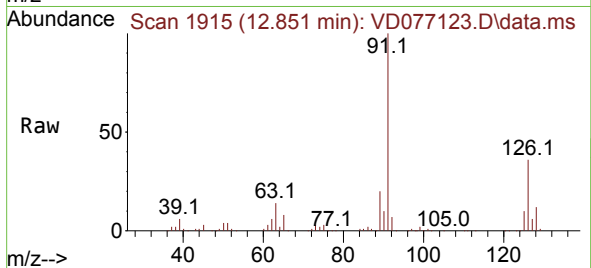
ClientSampleId :

Tgt Ion: 91 Resp: 478950

Ion Ratio Lower Upper

91 100

126 36.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 50.403 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077123.D

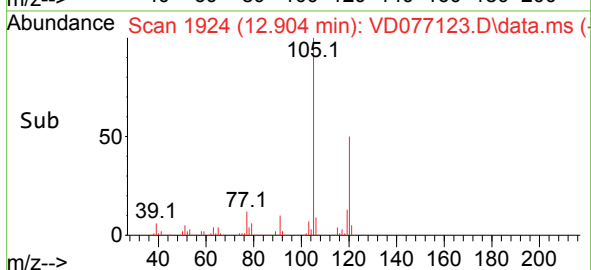
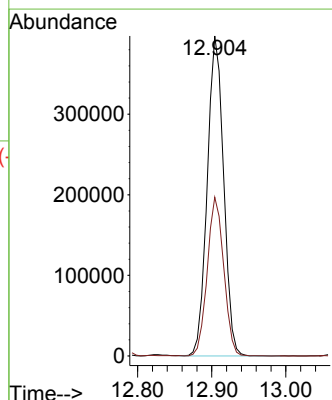
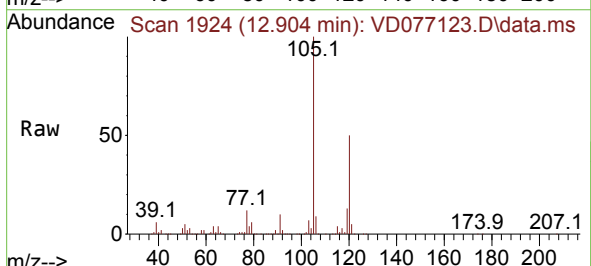
Acq: 18 Sep 2023 11:40

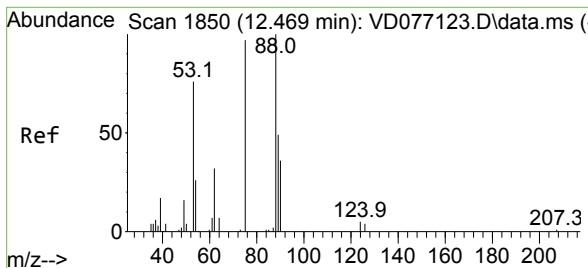
Tgt Ion: 105 Resp: 609358

Ion Ratio Lower Upper

105 100

120 49.9 26.4 79.2

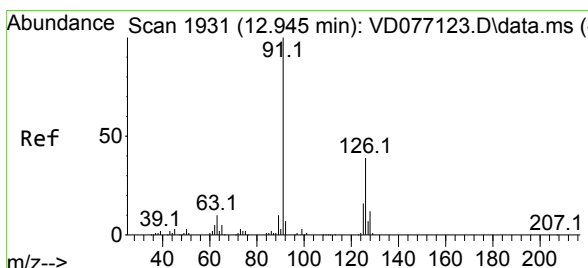
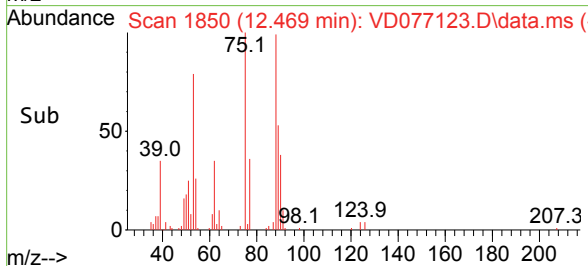
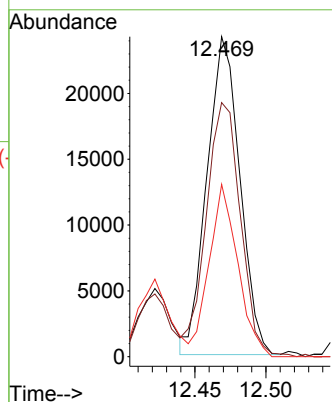
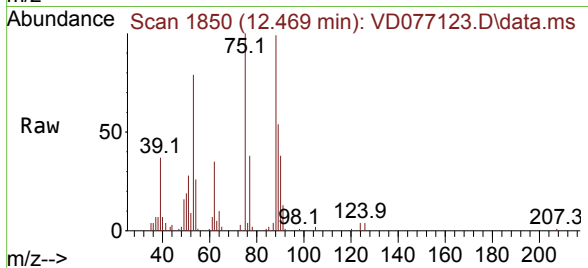




#81
trans-1,4-Dichloro-2-butene
Concen: 47.090 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

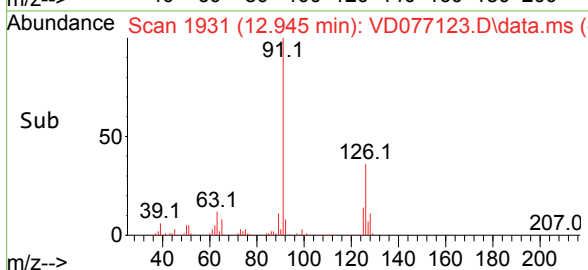
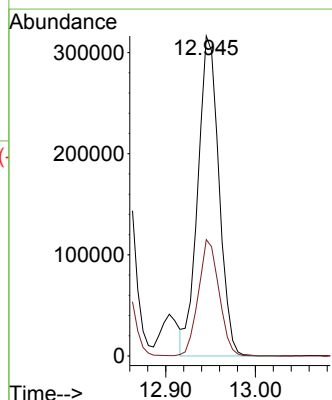
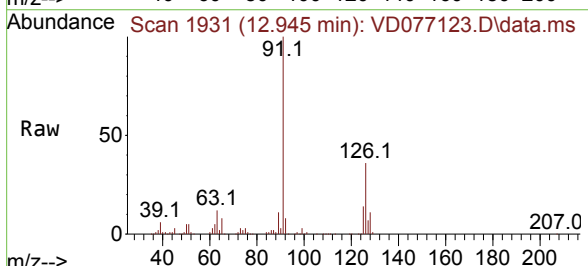
Instrument :
MSVOA_D
ClientSampleId :

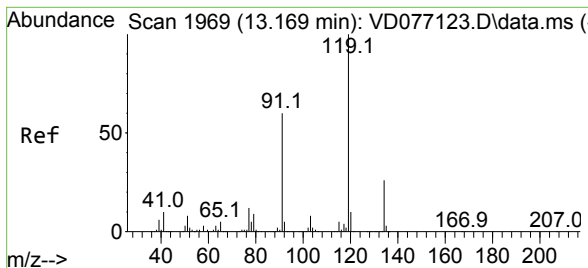
Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.5	63.0	94.4
89	47.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 50.296 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 50.855 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

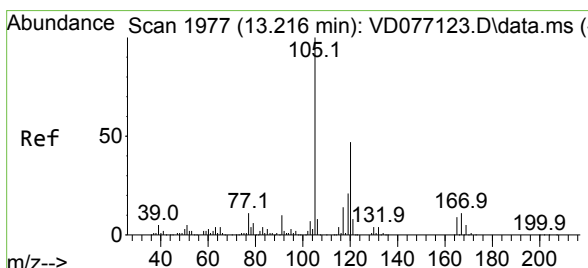
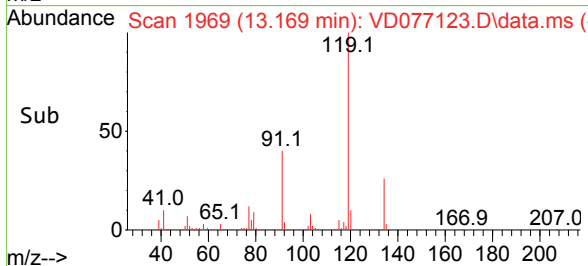
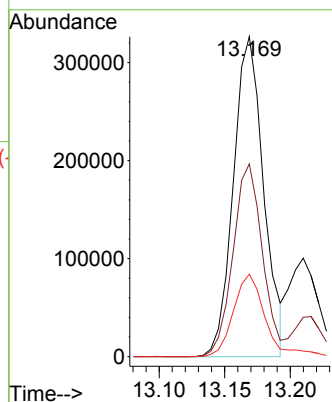
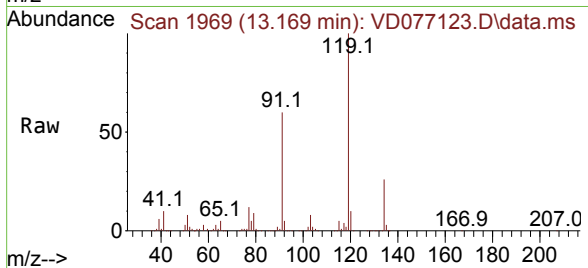
Tgt Ion:119 Resp: 525276

Ion Ratio Lower Upper

119 100

91 58.3 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.983 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD077123.D

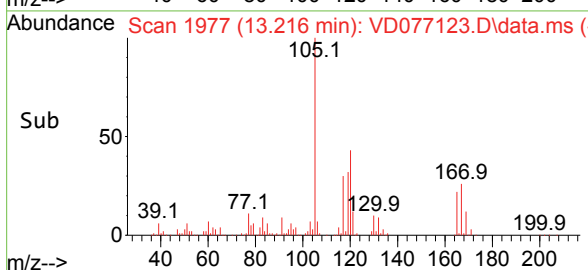
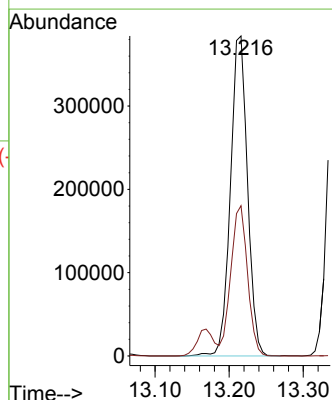
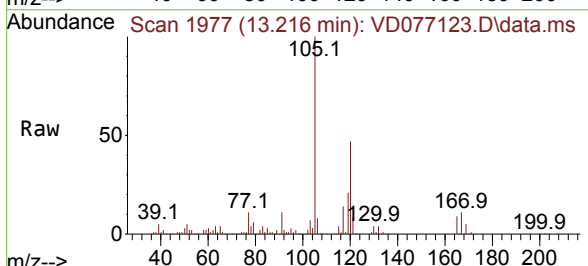
Acq: 18 Sep 2023 11:40

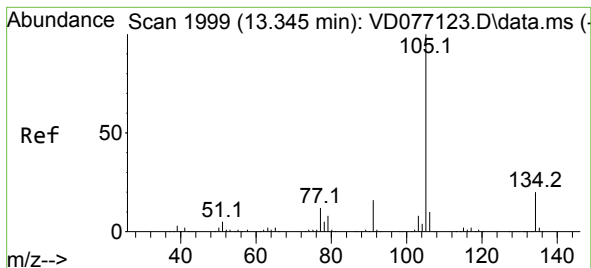
Tgt Ion:105 Resp: 612744

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.940 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

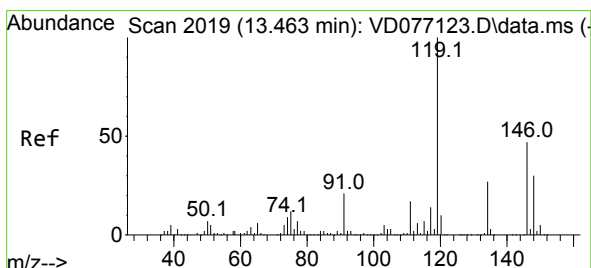
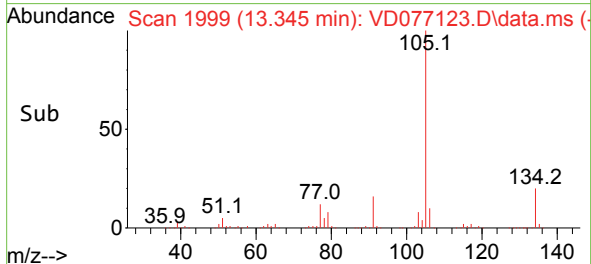
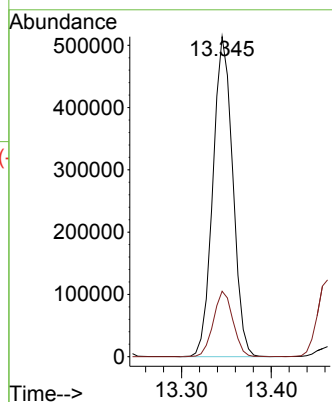
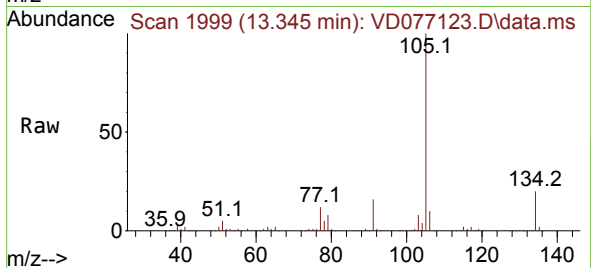
ClientSampleId :

Tgt Ion:105 Resp: 789523

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 50.991 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

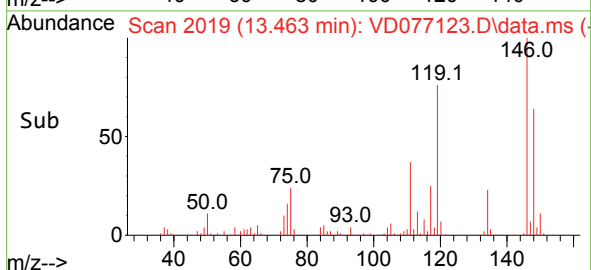
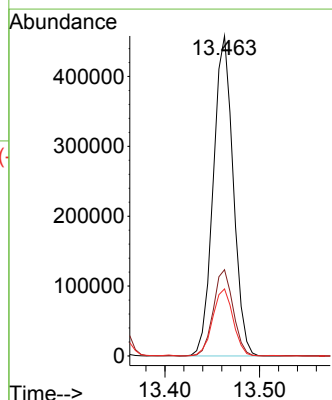
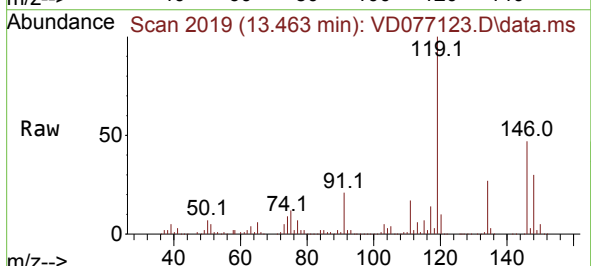
Tgt Ion:119 Resp: 670463

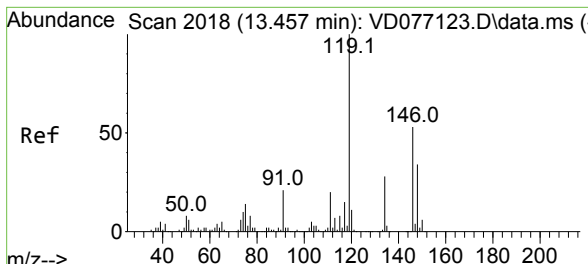
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 21.5 10.5 31.5

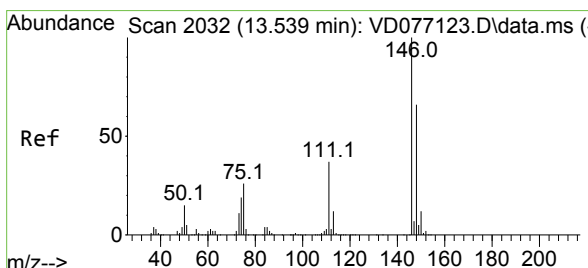
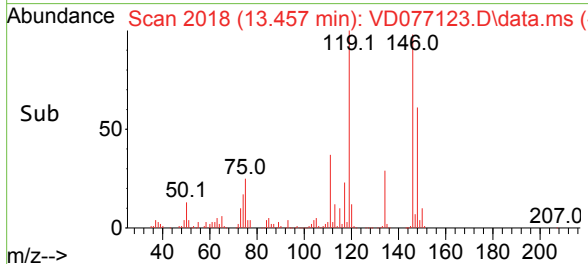
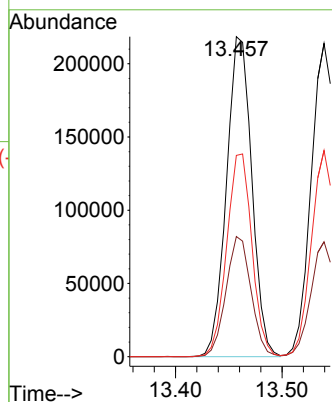
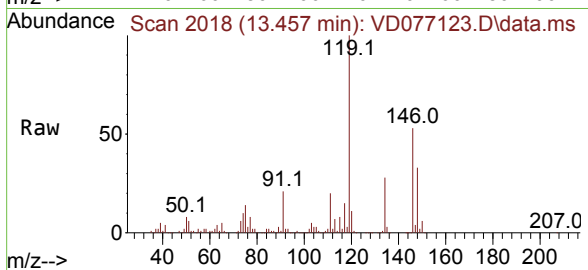




#87
 1,3-Dichlorobenzene
 Concen: 48.667 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

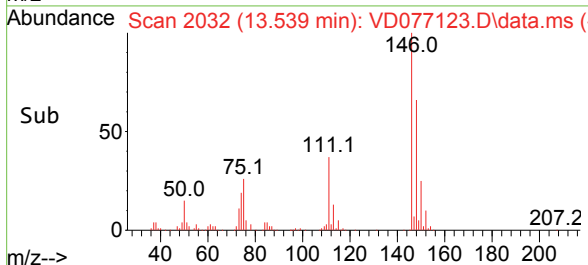
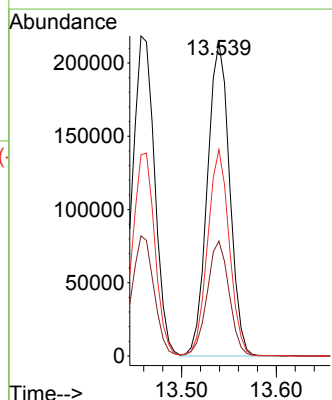
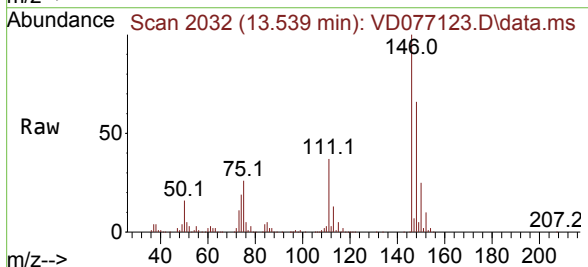
Instrument :
 MSVOA_D
 ClientSampleId :

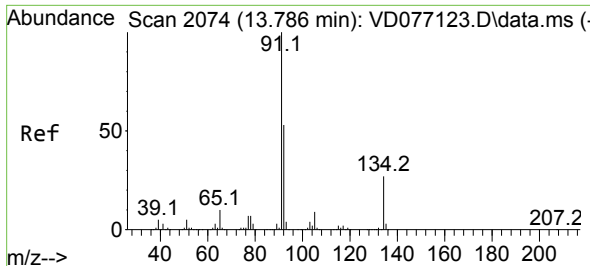
Tgt Ion:146 Resp: 360768
 Ion Ratio Lower Upper
 146 100
 111 37.1 17.9 53.8
 148 63.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 47.904 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077123.D
 Acq: 18 Sep 2023 11:40

Tgt Ion:146 Resp: 349386
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.4 52.3
 148 64.1 31.7 95.1

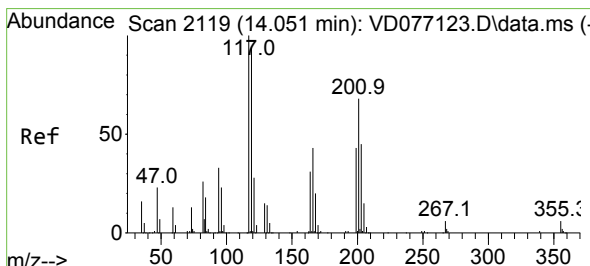
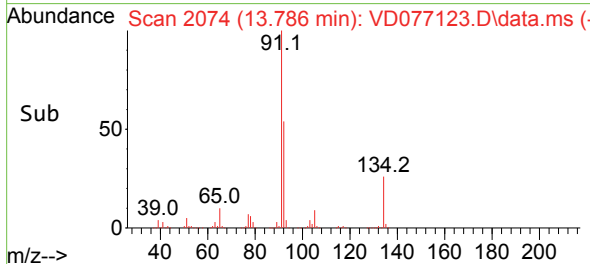
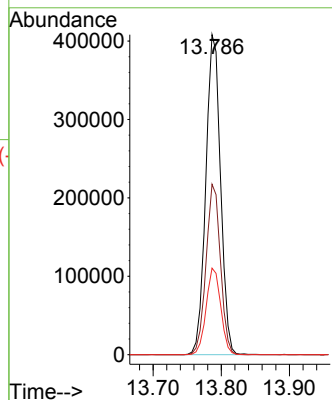
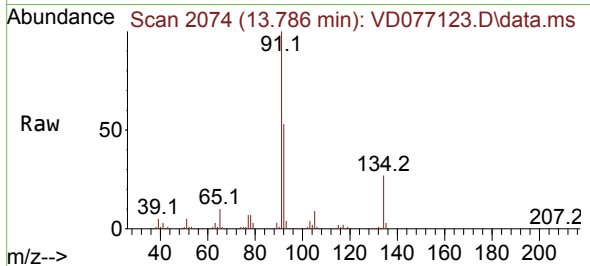




#89
n-Butylbenzene
Concen: 50.558 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

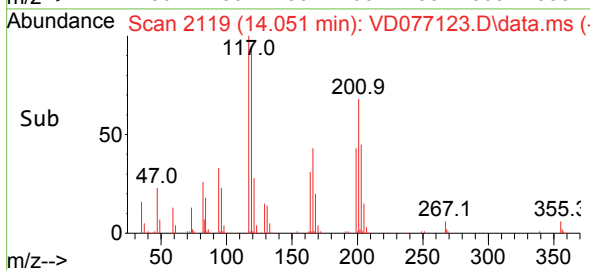
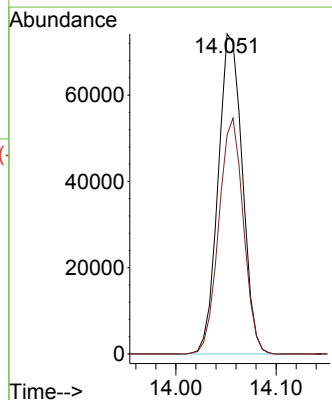
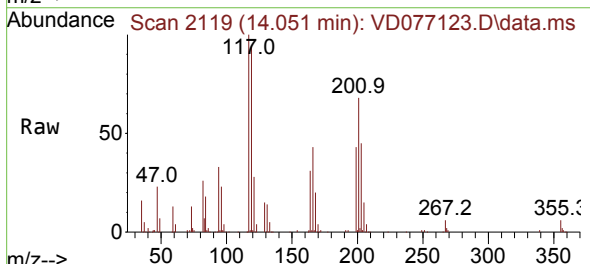
Instrument :
MSVOA_D
ClientSampleId :

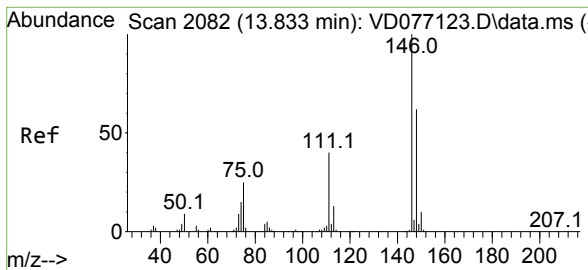
Tgt Ion: 91 Resp: 613239
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 26.8 13.8 41.3



#90
Hexachloroethane
Concen: 47.714 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 117 Resp: 124422
Ion Ratio Lower Upper
117 100
201 74.7 38.5 115.5

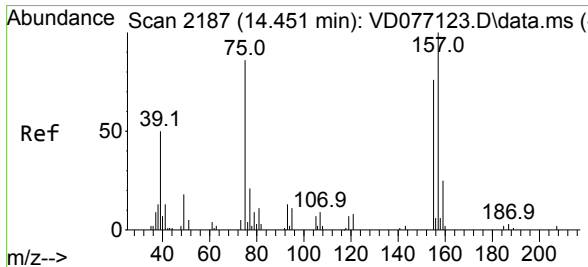
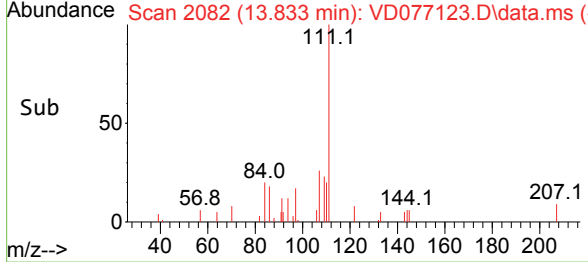
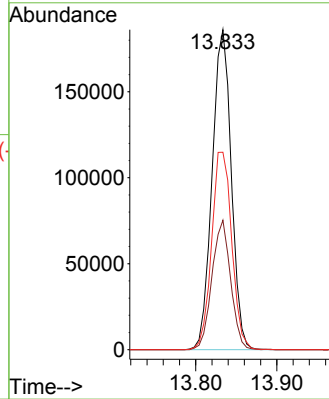
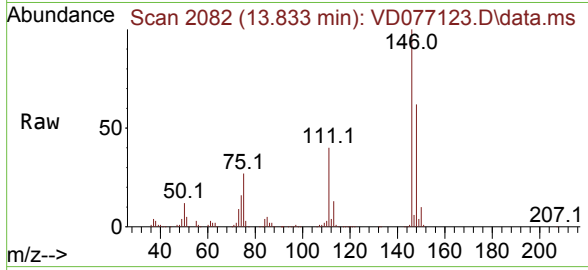




#91
1,2-Dichlorobenzene
Concen: 47.914 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

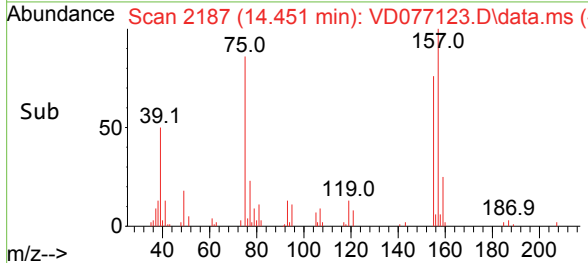
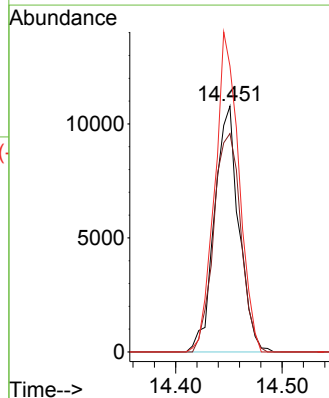
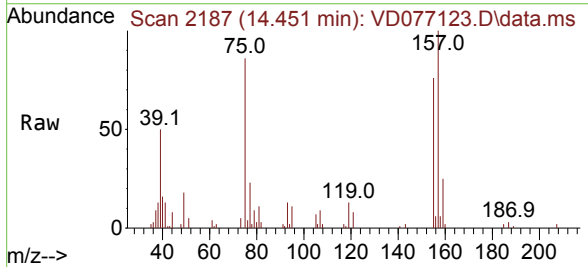
Instrument :
MSVOA_D
ClientSampleId :

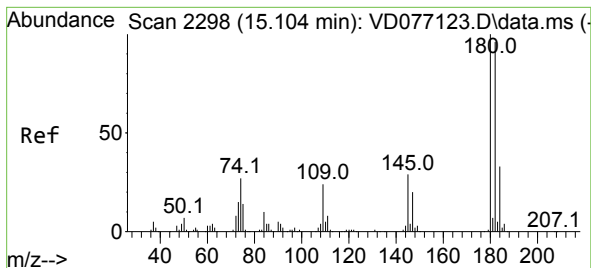
Tgt Ion:146 Resp: 304531
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 65.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.095 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077123.D
Acq: 18 Sep 2023 11:40

Tgt Ion: 75 Resp: 17179
Ion Ratio Lower Upper
75 100
155 98.4 47.9 143.8
157 128.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.794 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

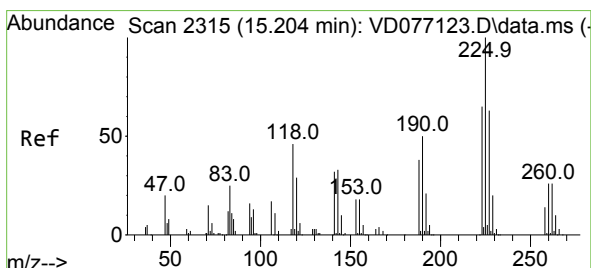
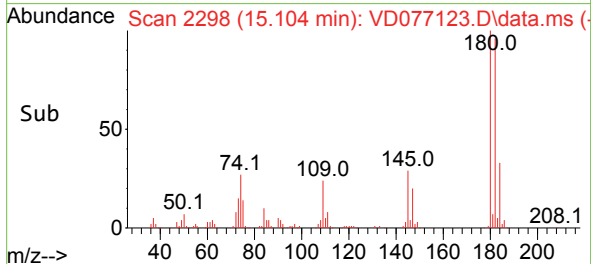
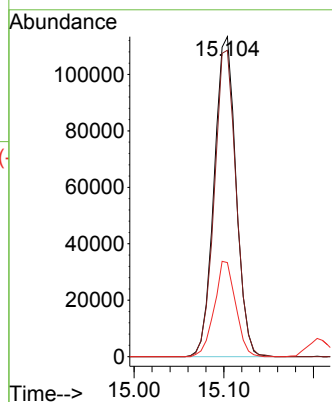
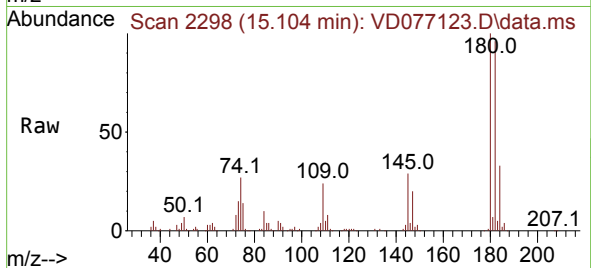
Tgt Ion:180 Resp: 191330

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.104 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

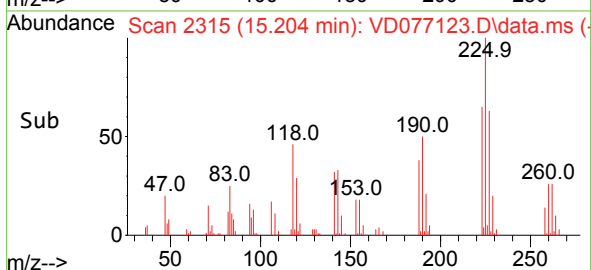
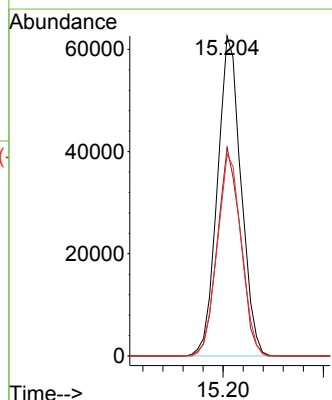
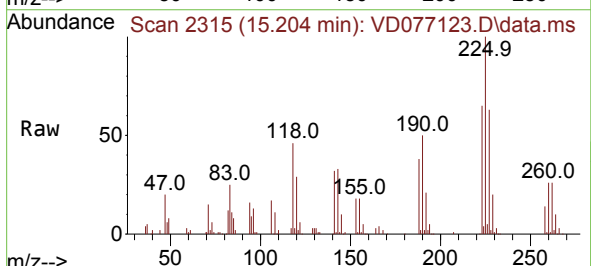
Tgt Ion:225 Resp: 102034

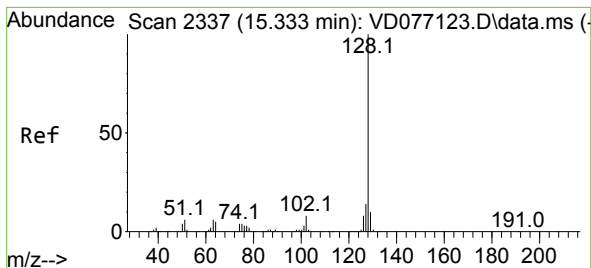
Ion Ratio Lower Upper

225 100

223 64.7 31.6 94.8

227 64.5 31.7 95.1





#95

Naphthalene

Concen: 48.513 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

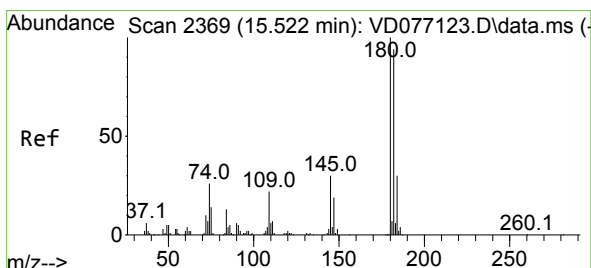
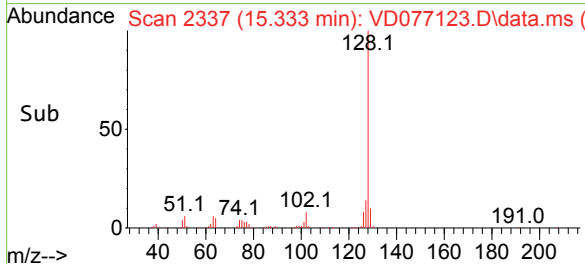
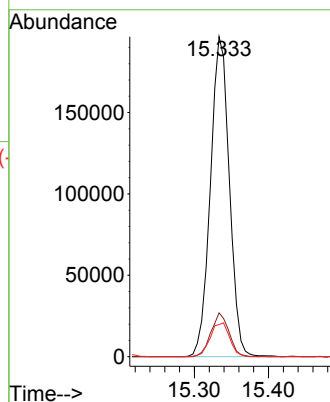
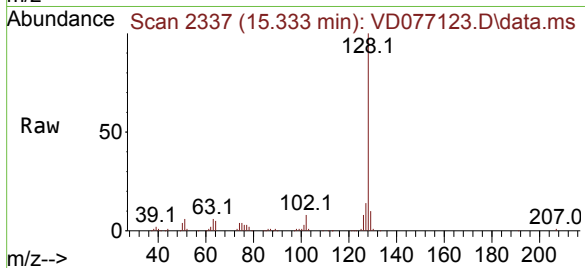
Tgt Ion:128 Resp: 348828

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.486 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077123.D

Acq: 18 Sep 2023 11:40

Tgt Ion:180 Resp: 172478

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 30.2 15.1 45.3

