

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078929.D
 Acq On : 15 May 2024 13:29
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 16 01:24:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	123406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61612	53.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.460%	
35) Dibromofluoromethane	7.805	113	70239	52.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.269	98	273931	54.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	12.569	95	76542	54.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	26149	22.677	ug/l	98
3) Chloromethane	2.146	50	36690	21.984	ug/l	100
4) Vinyl Chloride	2.287	62	61913	24.754	ug/l	99
5) Bromomethane	2.693	94	54538	23.051	ug/l	98
6) Chloroethane	2.834	64	47818	21.664	ug/l	95
7) Trichlorofluoromethane	3.175	101	49819	20.613	ug/l	98
8) Diethyl Ether	3.587	74	13106	23.540	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	30149	23.624	ug/l	99
10) Methyl Iodide	4.158	142	32868	21.556	ug/l	99
11) Tert butyl alcohol	5.052	59	5867	116.200	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	27541	22.046	ug/l	99
13) Acrolein	3.793	56	10857	94.220	ug/l	95
14) Allyl chloride	4.564	41	26291	21.568	ug/l	96
15) Acrylonitrile	5.258	53	23348	104.348	ug/l	97
16) Acetone	4.022	43	17332	93.907	ug/l	92
17) Carbon Disulfide	4.269	76	89453	23.637	ug/l	99
18) Methyl Acetate	4.569	43	9128	21.479	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	51070	20.980	ug/l #	83
20) Methylene Chloride	4.805	84	39345	23.726	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	31929	22.931	ug/l	90
22) Diisopropyl ether	6.216	45	61102	22.162	ug/l #	92
23) Vinyl Acetate	6.158	43	176962	107.011	ug/l	98
24) 1,1-Dichloroethane	6.116	63	49696	22.737	ug/l	100
25) 2-Butanone	7.081	43	24667	99.927	ug/l	97
26) 2,2-Dichloropropane	7.075	77	41253	21.478	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	34684	21.213	ug/l	97
28) Bromochloromethane	7.428	49	15625	21.436	ug/l	98
29) Tetrahydrofuran	7.446	42	15218	106.584	ug/l	97
30) Chloroform	7.593	83	53139	21.465	ug/l	94
31) Cyclohexane	7.881	56	37501	22.175	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	47403	22.360	ug/l	99
36) 1,1-Dichloropropene	8.010	75	36829	22.186	ug/l	99
37) Ethyl Acetate	7.175	43	12385	21.892	ug/l	96
38) Carbon Tetrachloride	7.993	117	43888	22.592	ug/l	94
39) Methylcyclohexane	9.275	83	45729	22.672	ug/l	94
40) Benzene	8.252	78	118966	22.158	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	5845	19.201	ug/l	93
42) 1,2-Dichloroethane	8.328	62	28145	21.657	ug/l	99
43) Isopropyl Acetate	8.363	43	21037	20.957	ug/l #	88
44) Trichloroethene	9.034	130	31165	21.884	ug/l	92
45) 1,2-Dichloropropane	9.310	63	25855	21.914	ug/l	94
46) Dibromomethane	9.393	93	17110	22.029	ug/l	97
47) Bromodichloromethane	9.587	83	41294	22.086	ug/l #	97
48) Methyl methacrylate	9.381	41	9330	19.093	ug/l	91
49) 1,4-Dioxane	9.387	88	3205	469.099	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	57335	107.236	ug/l	98
52) Toluene	10.334	92	77687	22.604	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	33950	21.369	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	41694	21.864	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	21965	21.889	ug/l	90
56) Ethyl methacrylate	10.598	69	20919	20.262	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	33636	21.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	42082	94.865	ug/l	99
59) 2-Hexanone	10.922	43	40474	108.758	ug/l	99
60) Dibromochloromethane	11.069	129	29784	21.773	ug/l	99
61) 1,2-Dibromoethane	11.175	107	20577	22.490	ug/l	98
64) Tetrachloroethene	10.810	164	26143	22.075	ug/l	92
65) Chlorobenzene	11.604	112	86688	22.327	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	29069	21.656	ug/l	96
67) Ethyl Benzene	11.687	91	134696	21.568	ug/l	99
68) m/p-Xylenes	11.793	106	111618	43.961	ug/l	96
69) o-Xylene	12.122	106	49616	21.435	ug/l	94
70) Styrene	12.134	104	90547	22.071	ug/l	100
71) Bromoform	12.298	173	16845	21.908	ug/l #	99
73) Isopropylbenzene	12.422	105	126339	21.423	ug/l	97
74) N-amyl acetate	12.234	43	21055	22.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24011	22.572	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	27584	39.655	ug/l #	100
77) Bromobenzene	12.698	156	32711	21.093	ug/l	96
78) n-propylbenzene	12.763	91	160390	22.502	ug/l	100
79) 2-Chlorotoluene	12.845	91	86850	21.922	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	108748	22.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	7282	20.760	ug/l	90
82) 4-Chlorotoluene	12.945	91	93310	22.451	ug/l	100
83) tert-Butylbenzene	13.169	119	94964	21.916	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	109986	21.672	ug/l	99
85) sec-Butylbenzene	13.345	105	141900	21.953	ug/l	99
86) p-Isopropyltoluene	13.463	119	120063	21.320	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	66733	20.335	ug/l	93
88) 1,4-Dichlorobenzene	13.540	146	67651	21.050	ug/l	98
89) n-Butylbenzene	13.787	91	106497	21.104	ug/l	98
90) Hexachloroethane	14.051	117	26500	22.309	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	58568	21.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2857	20.174	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	34133	21.172	ug/l	98
94) Hexachlorobutadiene	15.204	225	18281	21.698	ug/l	96
95) Naphthalene	15.334	128	55504	20.211	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	28547	19.905	ug/l	96

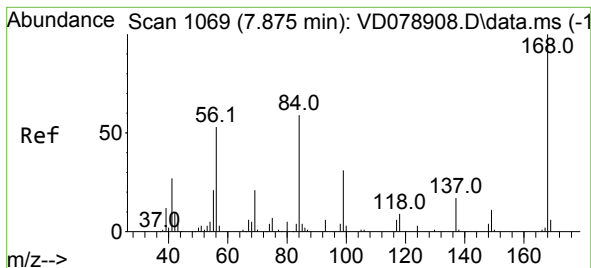
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

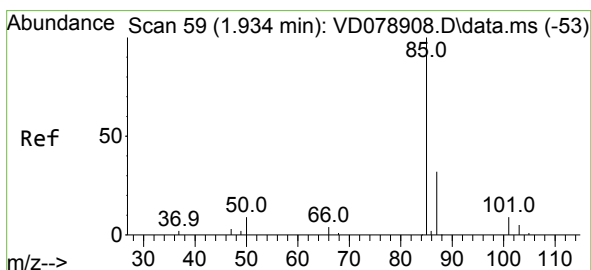
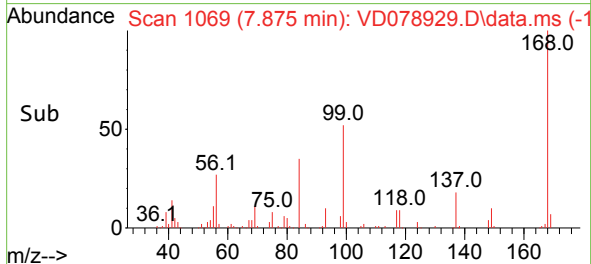
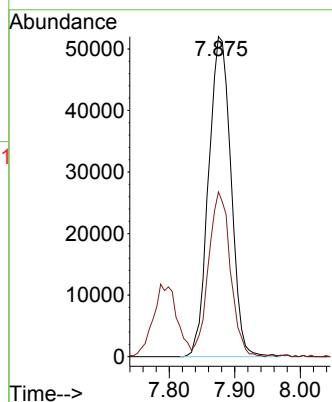
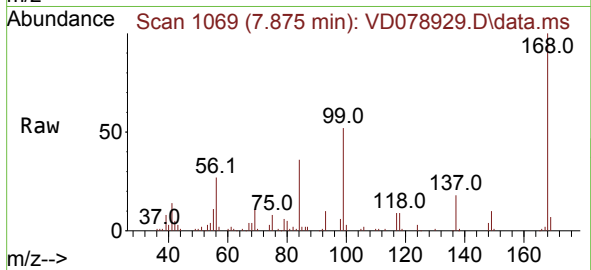
VD0515SBSD01

Tgt Ion:168 Resp: 123406

Ion Ratio Lower Upper

168 100

99 51.0 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 22.677 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078929.D

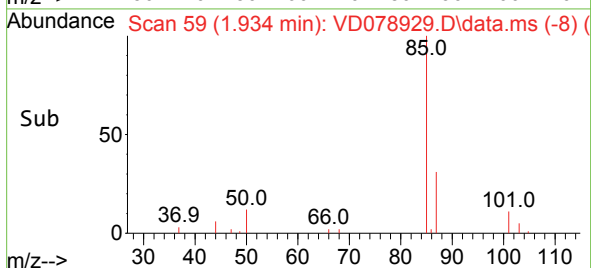
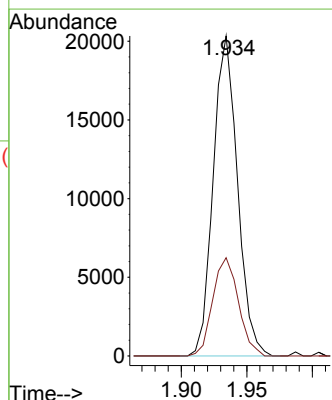
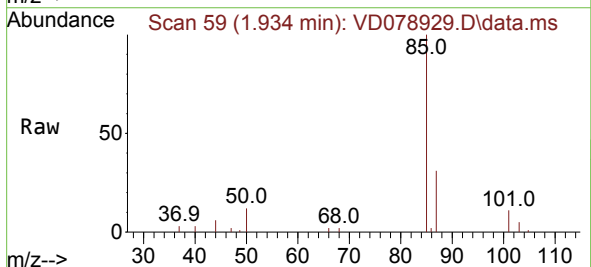
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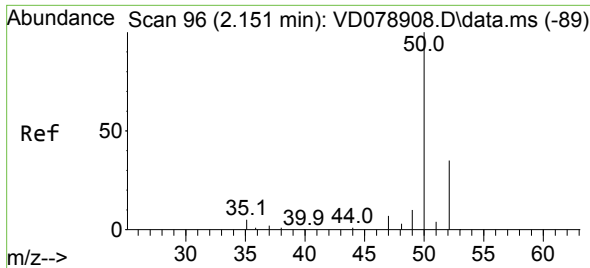
Tgt Ion: 85 Resp: 26149

Ion Ratio Lower Upper

85 100

87 30.7 16.0 48.0

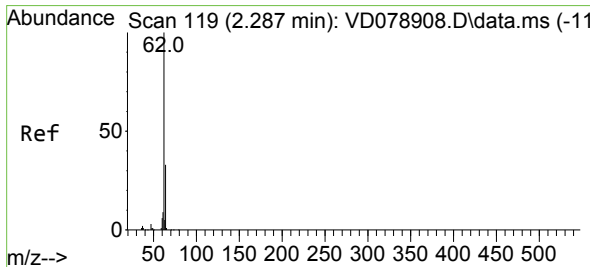
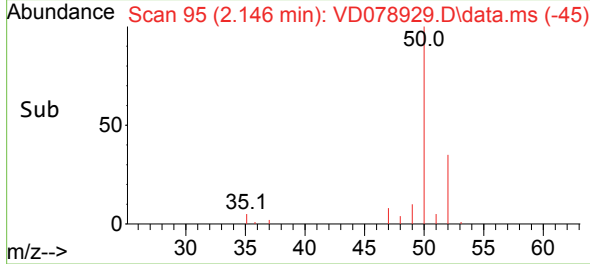
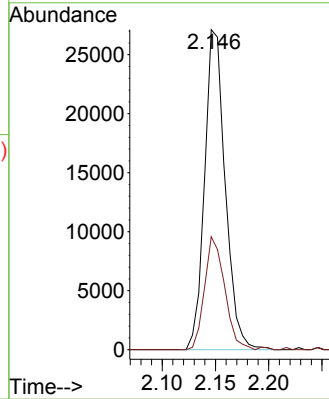
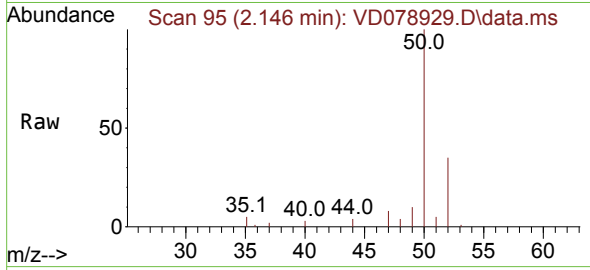




#3
Chloromethane
Concen: 21.984 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

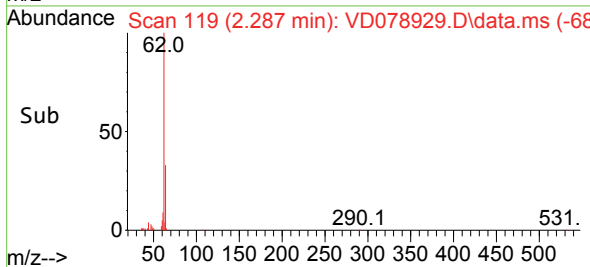
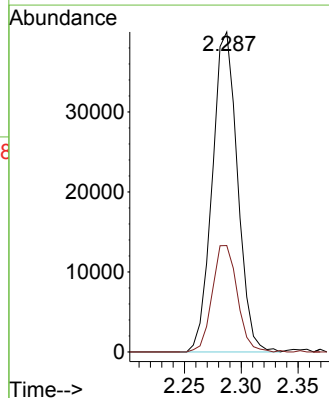
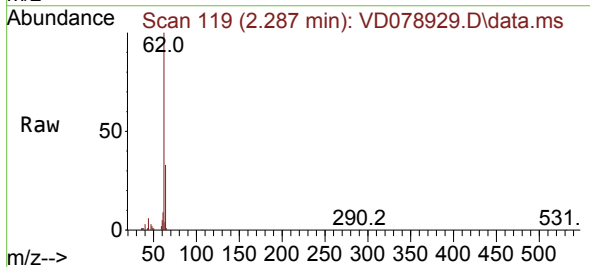
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

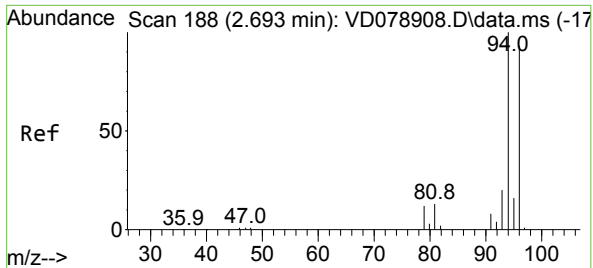
Tgt Ion: 50 Resp: 36690
Ion Ratio Lower Upper
50 100
52 35.3 28.2 42.2



#4
Vinyl Chloride
Concen: 24.754 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 62 Resp: 61913
Ion Ratio Lower Upper
62 100
64 33.3 26.3 39.5

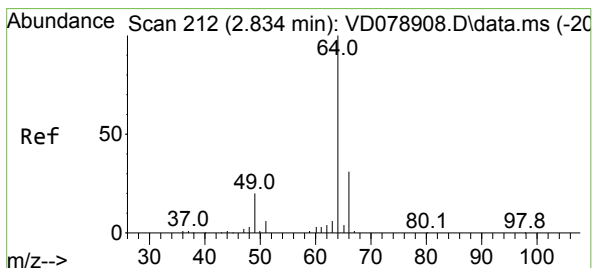
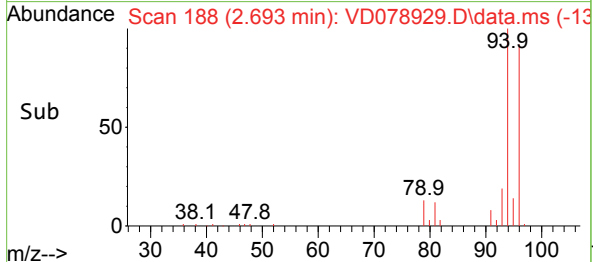
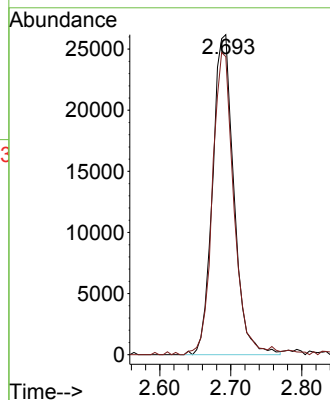
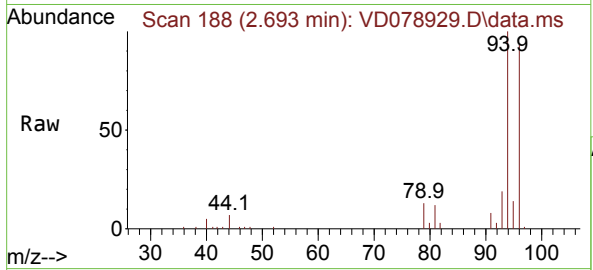




#5
Bromomethane
Concen: 23.051 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

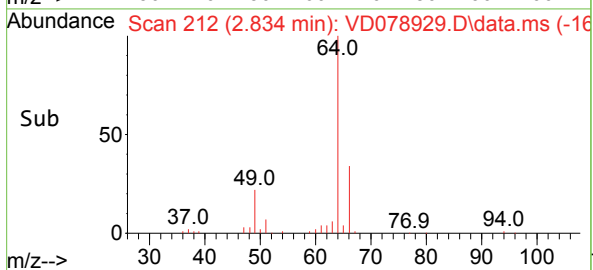
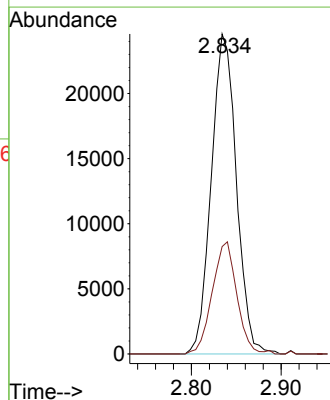
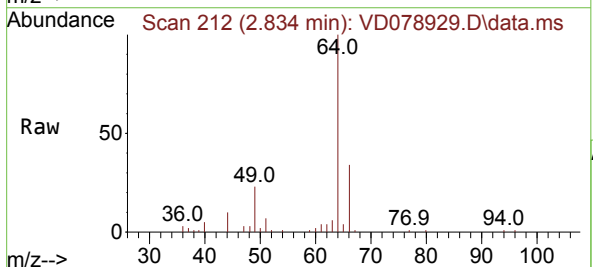
Instrument :
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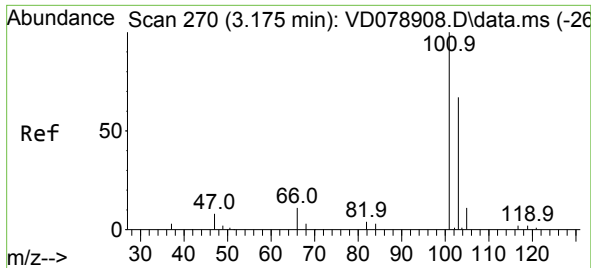
Tgt Ion: 94 Resp: 54538
Ion Ratio Lower Upper
94 100
96 94.2 76.9 115.3



#6
Chloroethane
Concen: 21.664 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 64 Resp: 47818
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

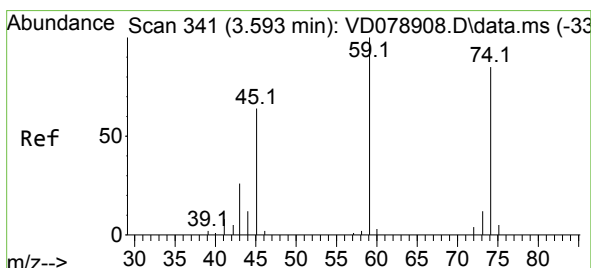
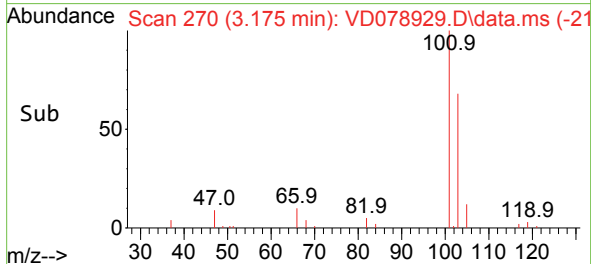
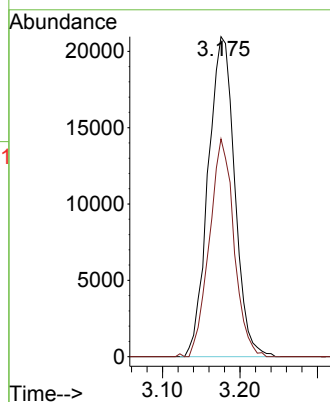
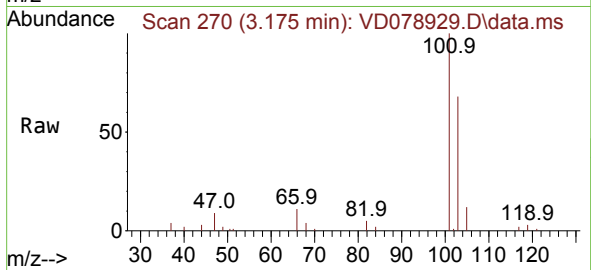




#7
Trichlorofluoromethane
Concen: 20.613 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

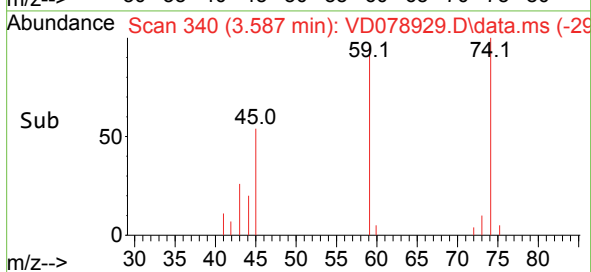
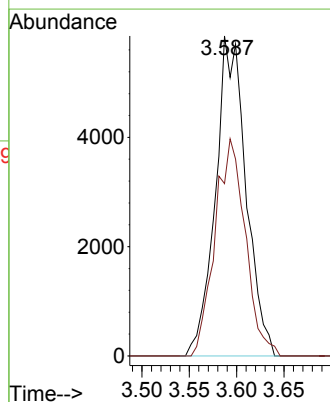
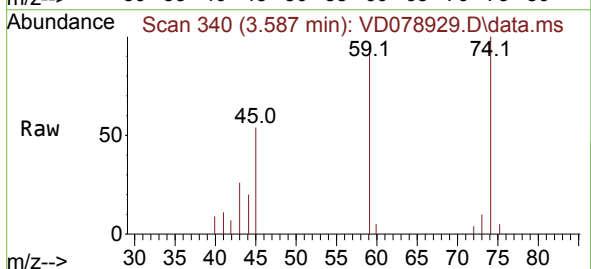
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

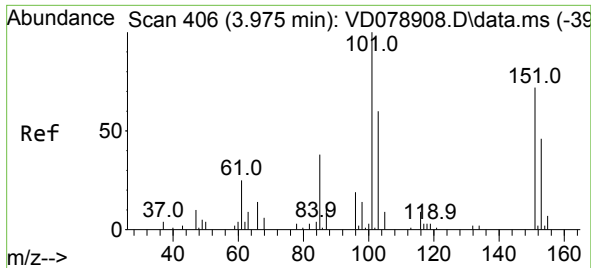
Tgt Ion:101 Resp: 49819
Ion Ratio Lower Upper
101 100
103 68.1 53.2 79.8



#8
Diethyl Ether
Concen: 23.540 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 74 Resp: 13106
Ion Ratio Lower Upper
74 100
45 67.6 37.9 113.6

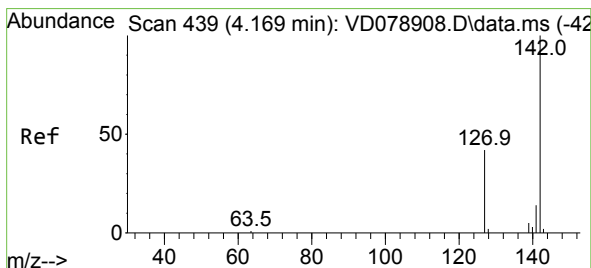
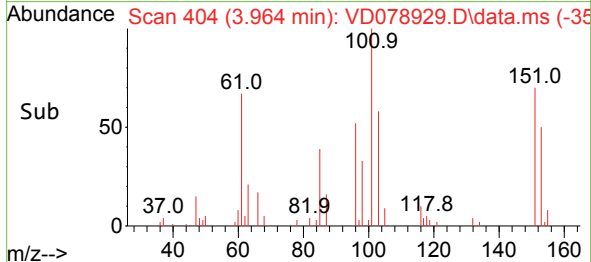
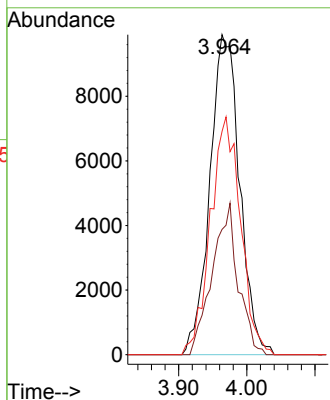
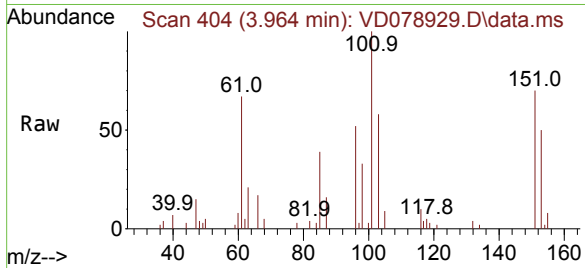




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.624 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD078929.D
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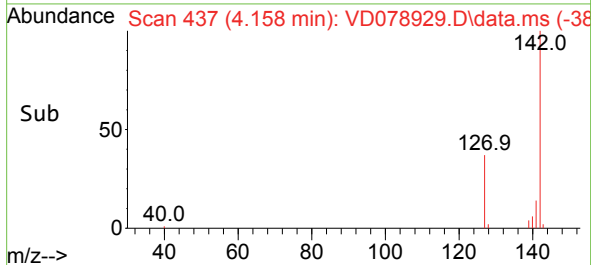
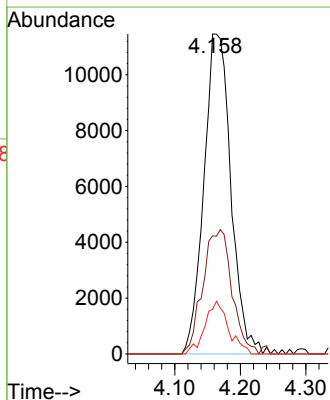
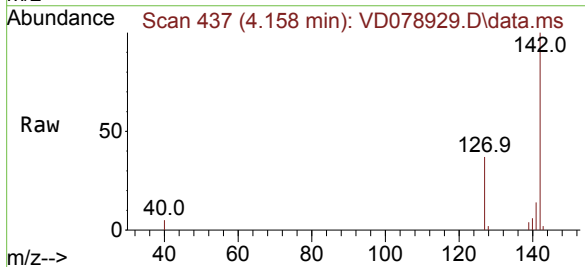
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

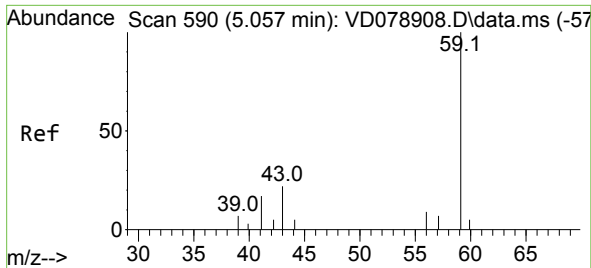
Tgt Ion:101 Resp: 30149
Ion Ratio Lower Upper
101 100
85 41.2 33.5 50.3
151 75.1 60.3 90.5



#10
Methyl Iodide
Concen: 21.556 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion:142 Resp: 32868
Ion Ratio Lower Upper
142 100
127 41.7 34.2 51.4
141 14.4 11.7 17.5

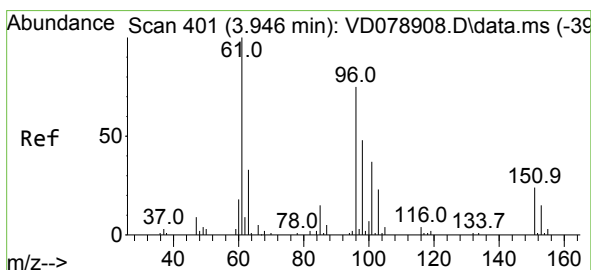
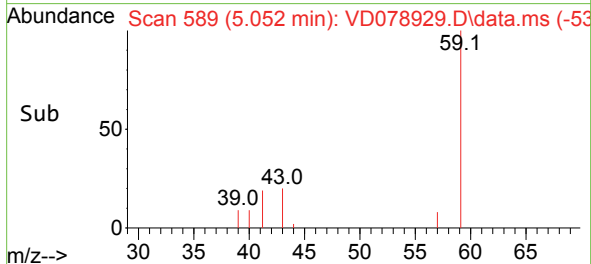
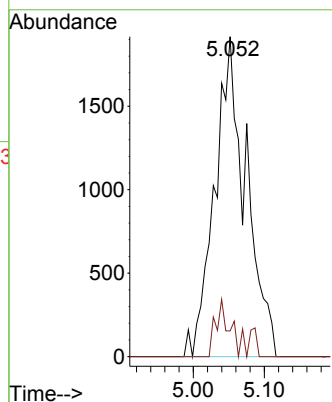
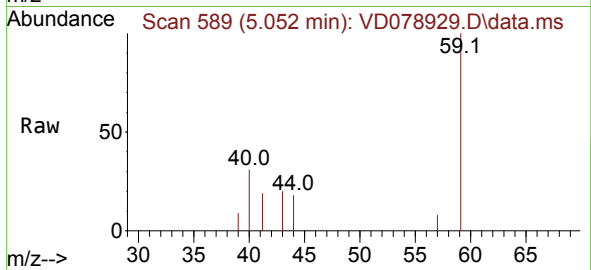




#11
Tert butyl alcohol
Concen: 116.200 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

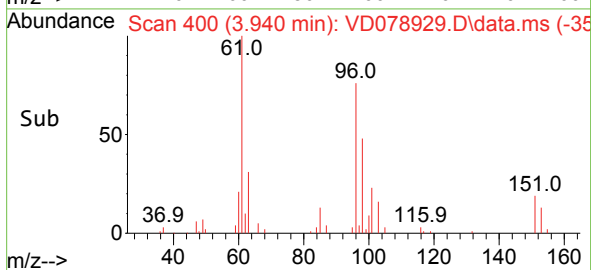
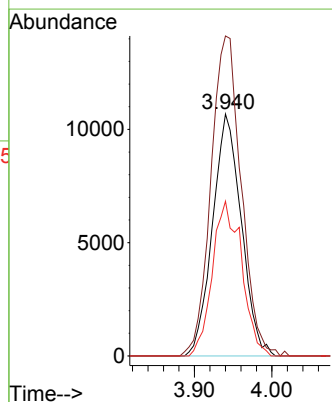
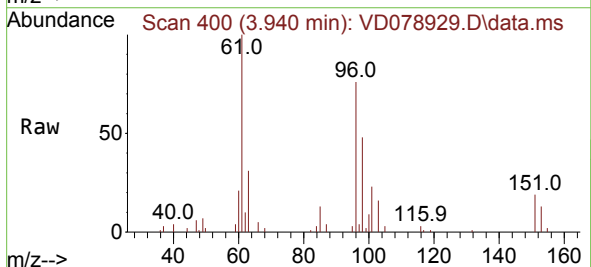
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

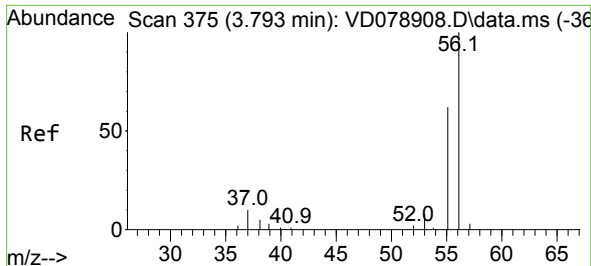
Tgt Ion: 59 Resp: 5867
Ion Ratio Lower Upper
59 100
57 7.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 22.046 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 96 Resp: 27541
Ion Ratio Lower Upper
96 100
61 132.3 107.3 160.9
98 64.0 51.7 77.5





#13

Acrolein

Concen: 94.220 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

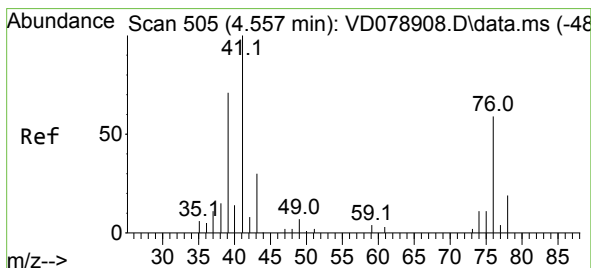
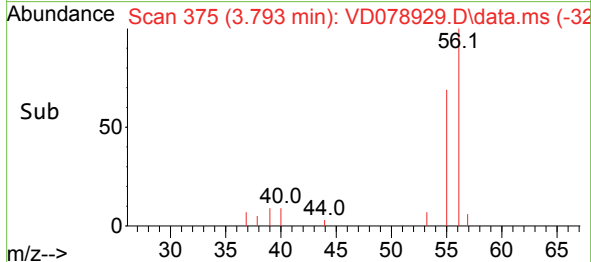
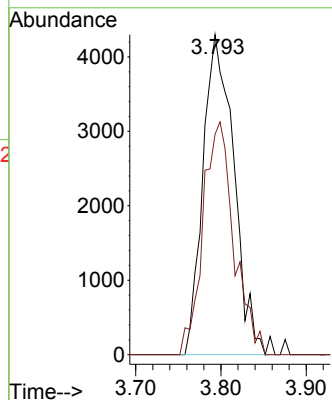
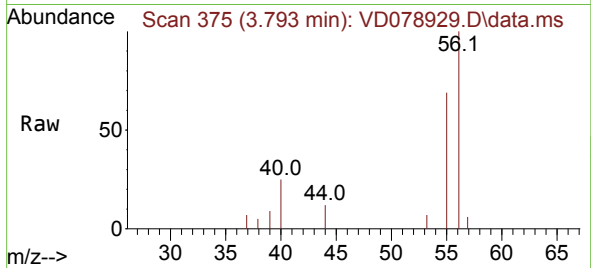
VD0515SBS01

Tgt Ion: 56 Resp: 10857

Ion Ratio Lower Upper

56 100

55 72.8 55.3 82.9



#14

Allyl chloride

Concen: 21.568 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

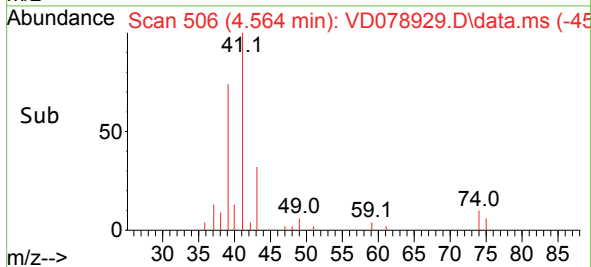
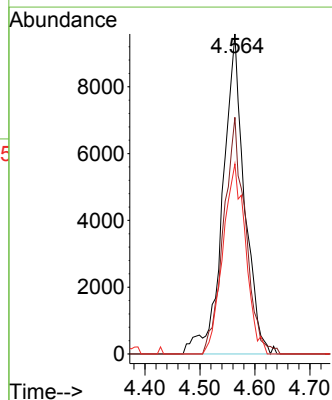
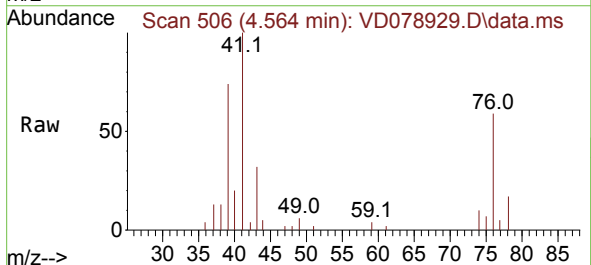
Tgt Ion: 41 Resp: 26291

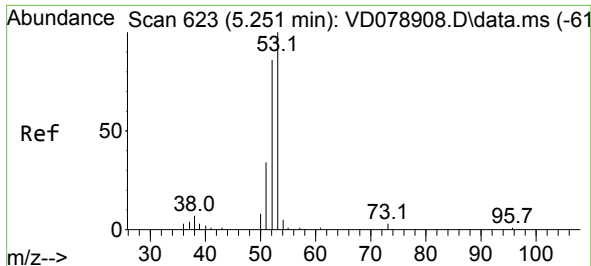
Ion Ratio Lower Upper

41 100

39 74.2 58.0 87.0

76 62.2 45.9 68.9

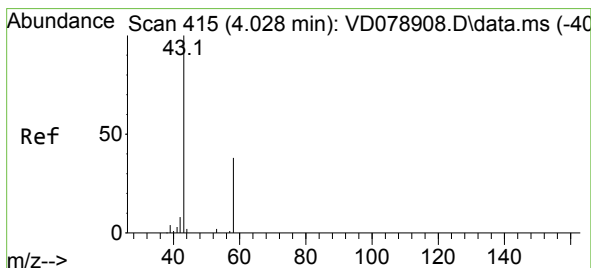
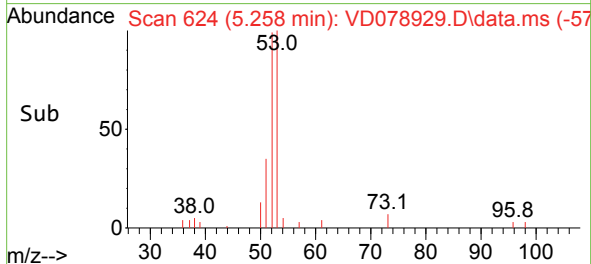
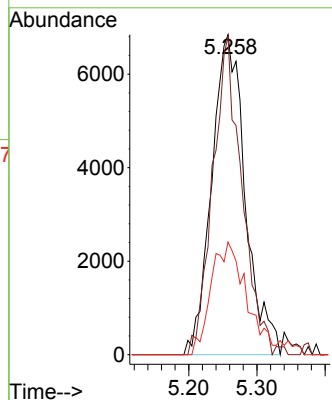
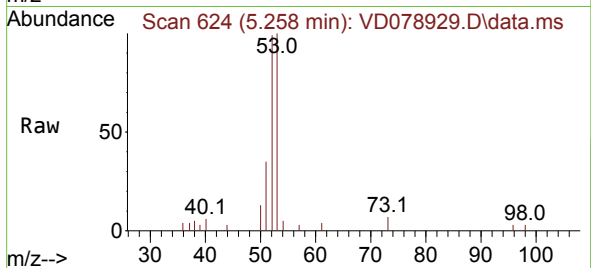




#15
Acrylonitrile
Concen: 104.348 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

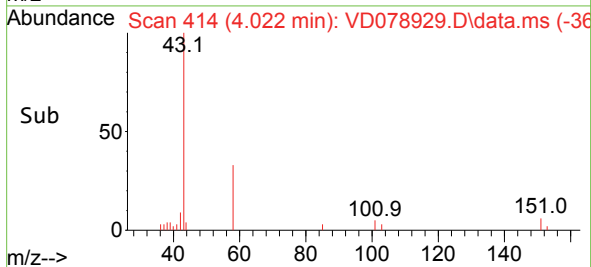
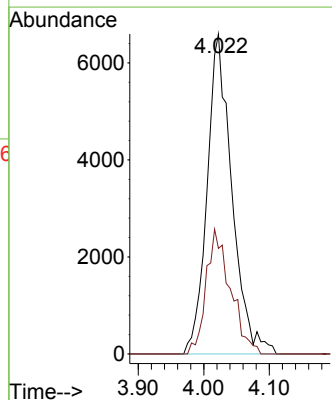
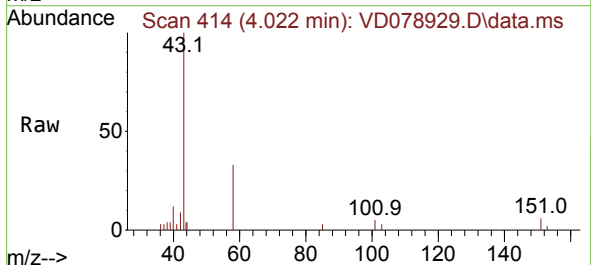
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

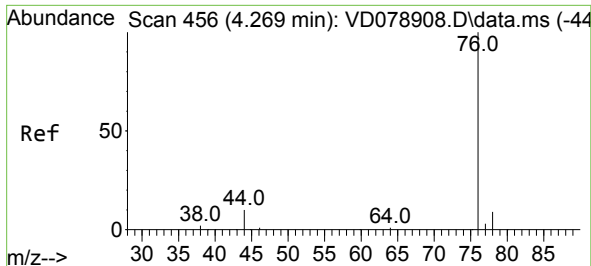
Tgt Ion: 53 Resp: 23348
Ion Ratio Lower Upper
53 100
52 86.8 67.7 101.5
51 37.3 28.6 42.8



#16
Acetone
Concen: 93.907 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 43 Resp: 17332
Ion Ratio Lower Upper
43 100
58 33.0 30.4 45.6

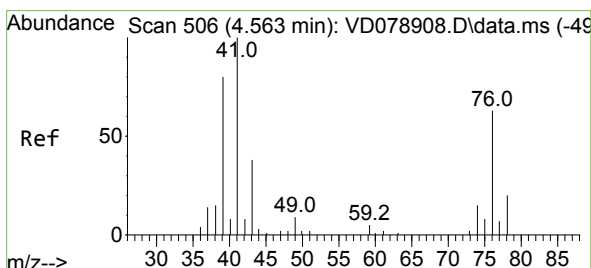
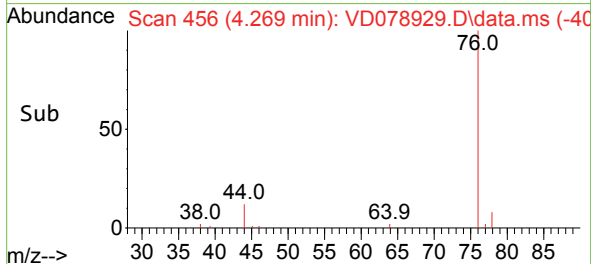
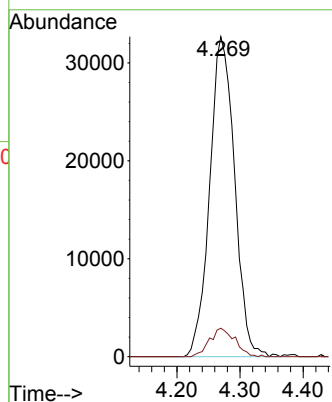
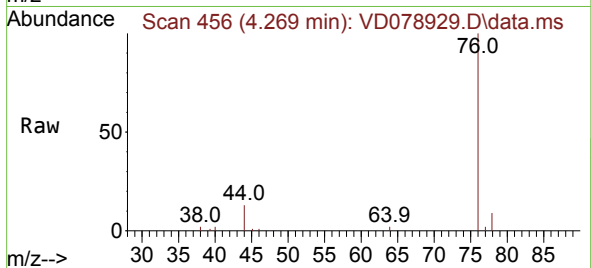




#17
Carbon Disulfide
Concen: 23.637 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

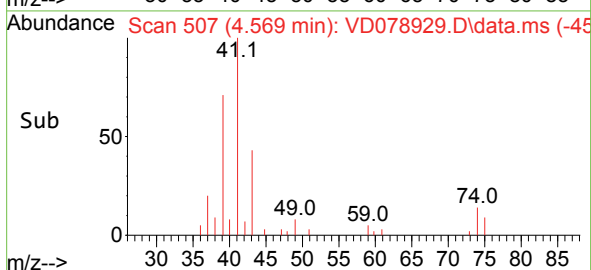
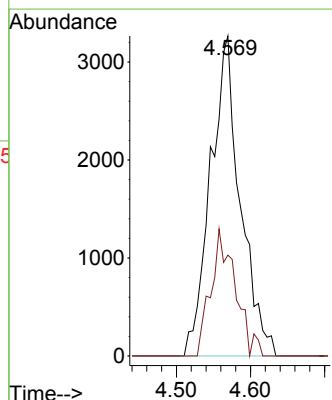
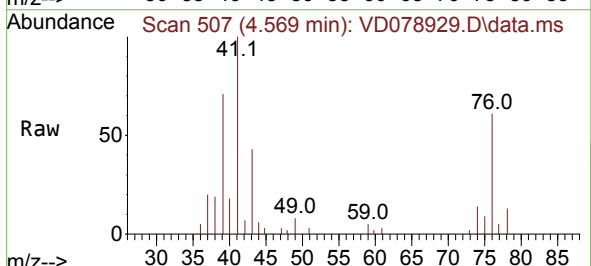
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

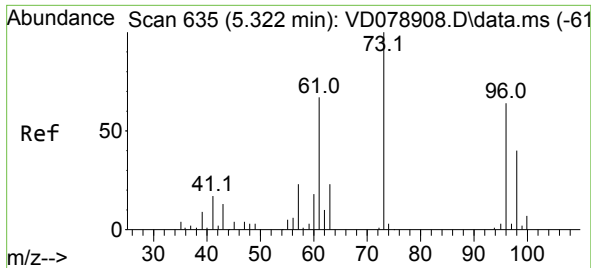
Tgt Ion: 76 Resp: 89453
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 21.479 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 43 Resp: 9128
Ion Ratio Lower Upper
43 100
74 32.8 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 20.980 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

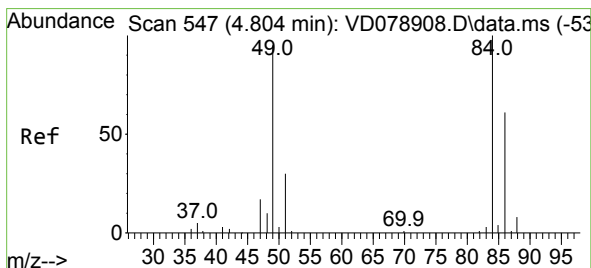
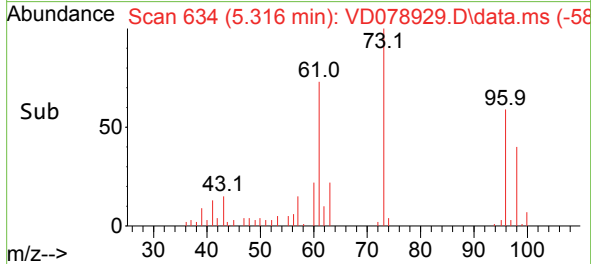
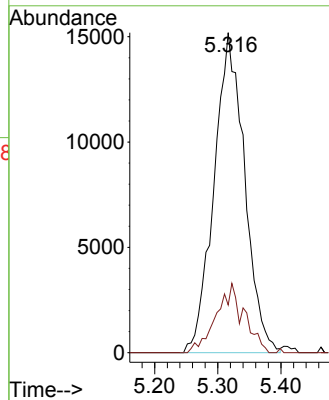
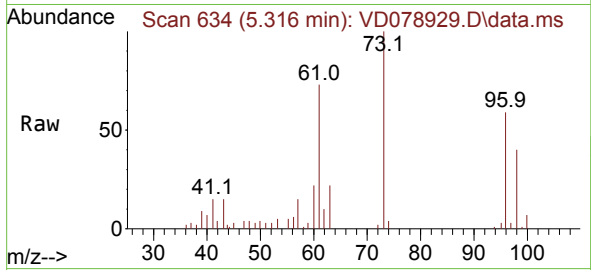
VD0515SBS01

Tgt Ion: 73 Resp: 51070

Ion Ratio Lower Upper

73 100

57 14.9 18.3 27.5#



#20

Methylene Chloride

Concen: 23.726 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Tgt Ion: 84 Resp: 39345

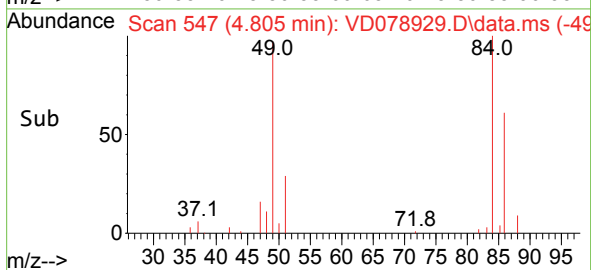
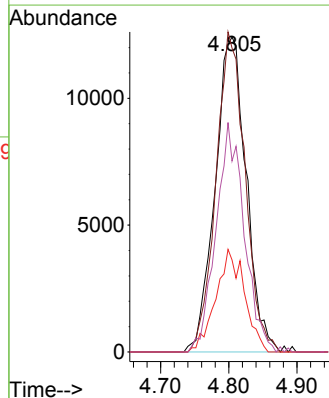
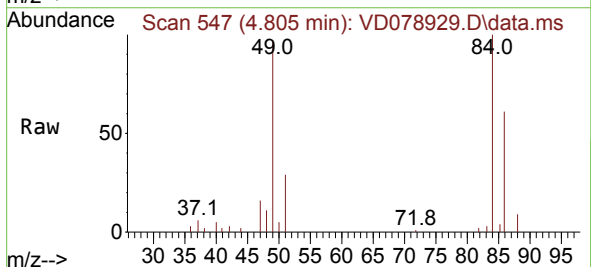
Ion Ratio Lower Upper

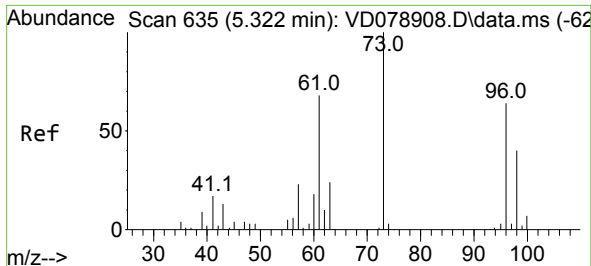
84 100

49 96.5 75.6 113.4

51 29.2 24.2 36.2

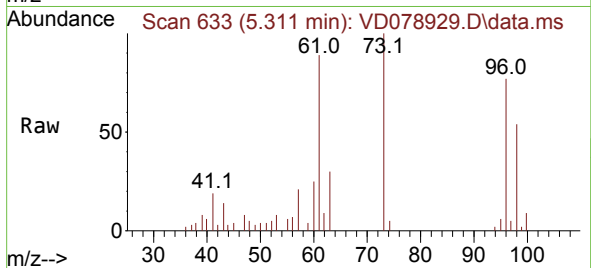
86 60.6 49.2 73.8





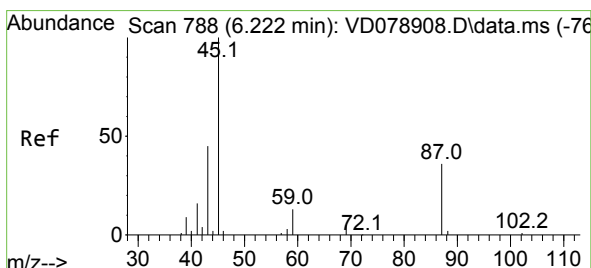
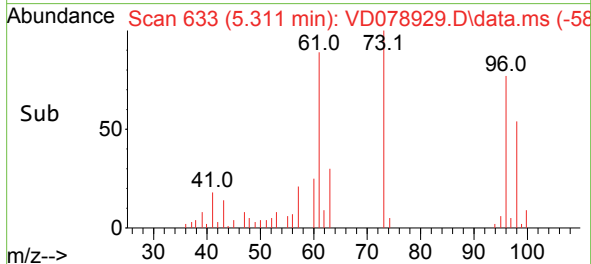
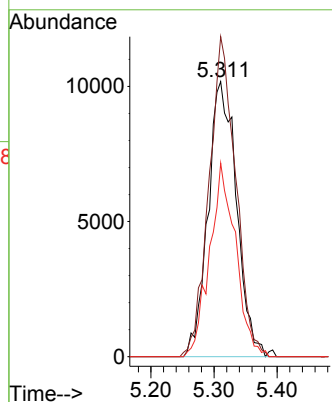
#21
trans-1,2-Dichloroethene
Concen: 22.931 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01



Tgt Ion: 96 Resp: 31929

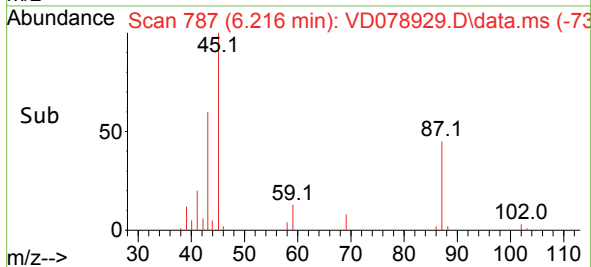
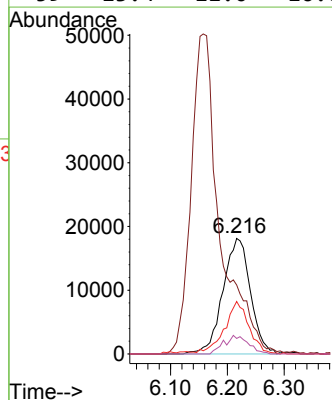
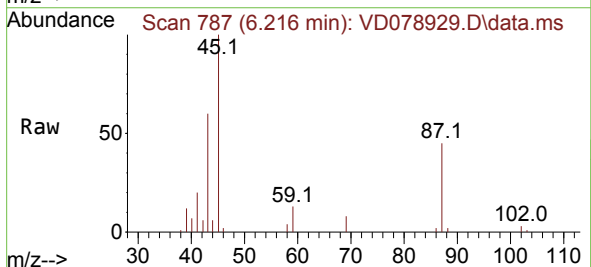
Ion	Ratio	Lower	Upper
96	100		
61	116.4	84.5	126.7
98	70.4	50.5	75.7

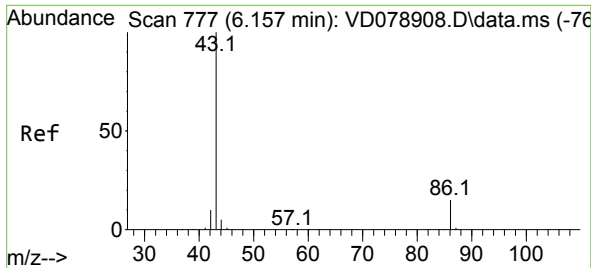


#22
Diisopropyl ether
Concen: 22.162 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 45 Resp: 61102

Ion	Ratio	Lower	Upper
45	100		
43	57.1	41.7	62.5
87	45.4	30.2	45.2#
59	13.4	11.0	16.6

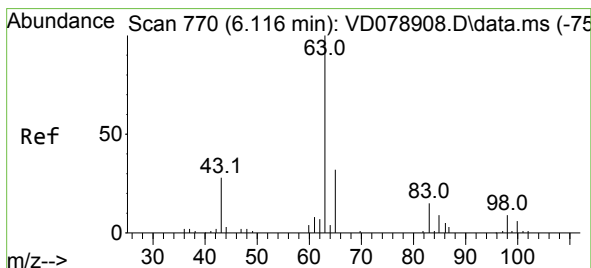
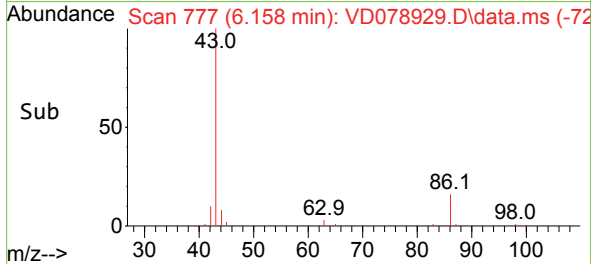
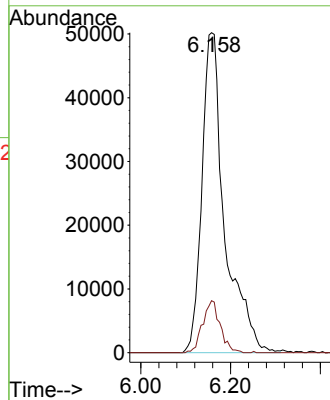
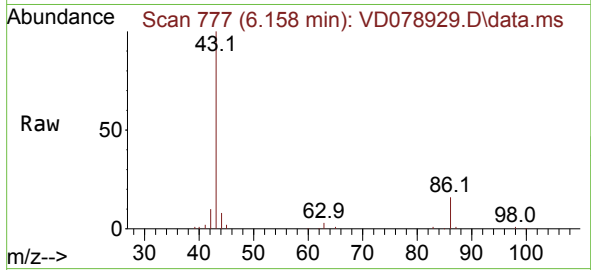




#23
 Vinyl Acetate
 Concen: 107.011 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

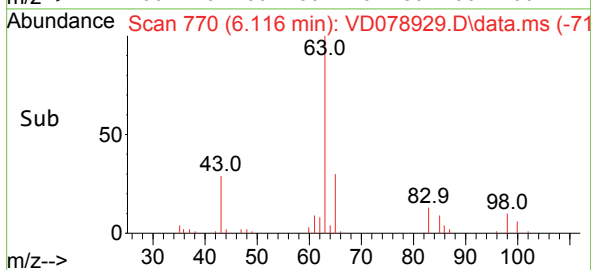
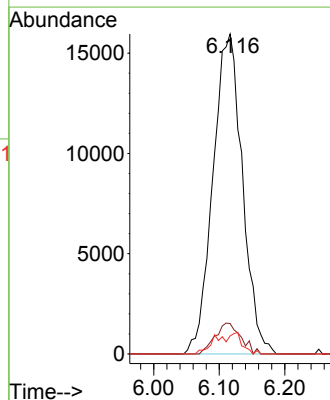
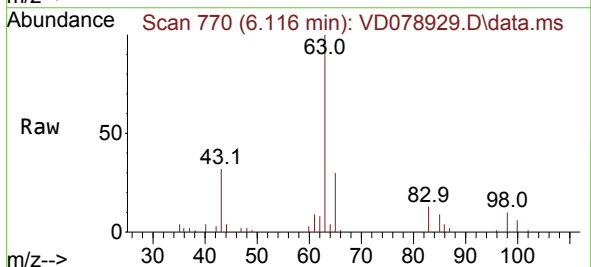
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

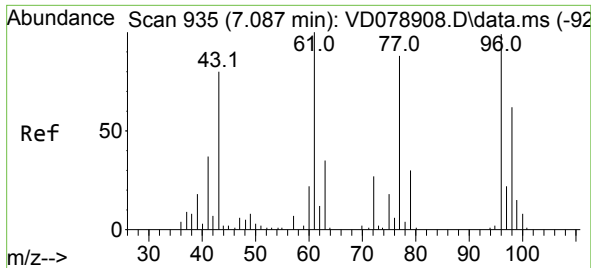
Tgt Ion: 43 Resp: 176962
 Ion Ratio Lower Upper
 43 100
 86 16.2 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 22.737 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion: 63 Resp: 49696
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.7 14.0
 100 5.7 2.9 8.6

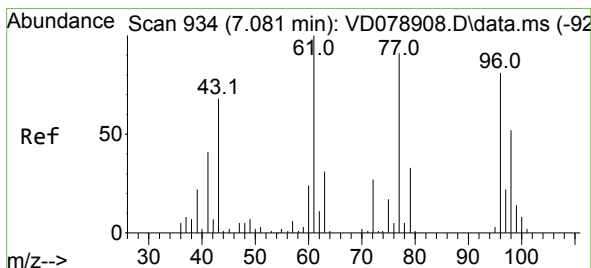
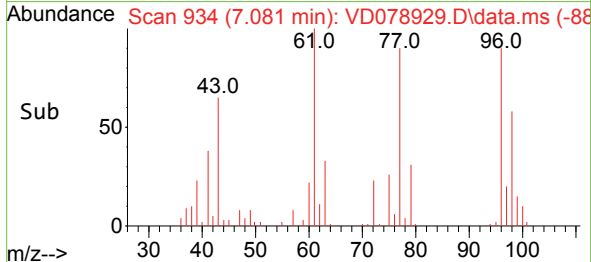
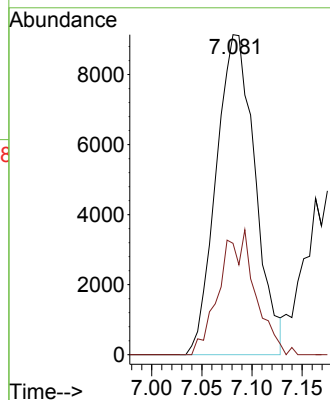
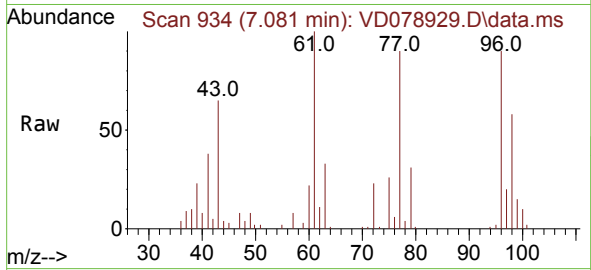




#25
2-Butanone
Concen: 99.927 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

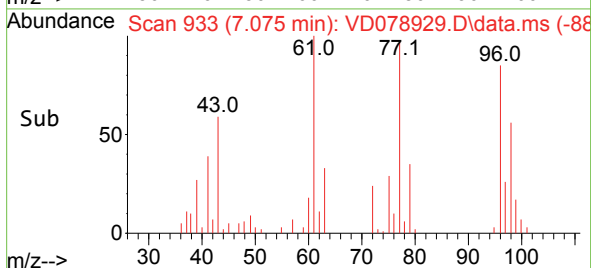
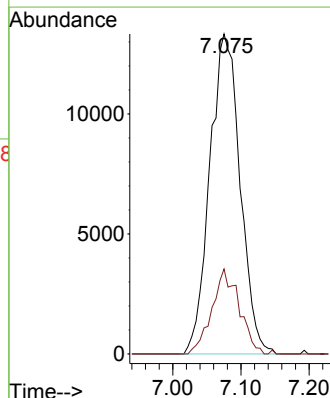
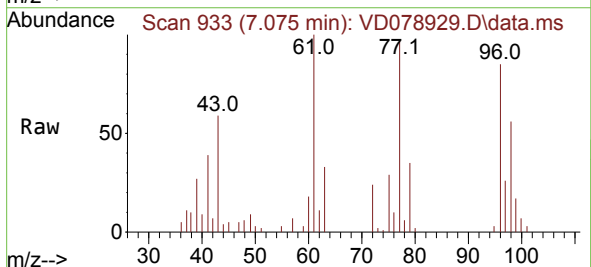
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

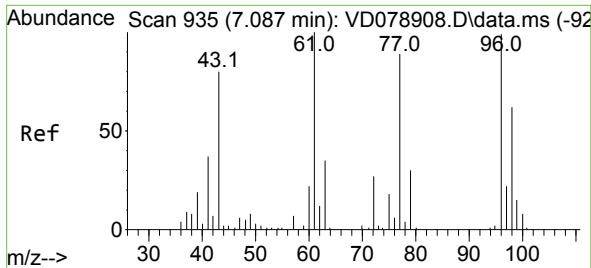
Tgt Ion: 43 Resp: 24667
Ion Ratio Lower Upper
43 100
72 34.8 26.4 39.6



#26
2,2-Dichloropropane
Concen: 21.478 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 77 Resp: 41253
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.2

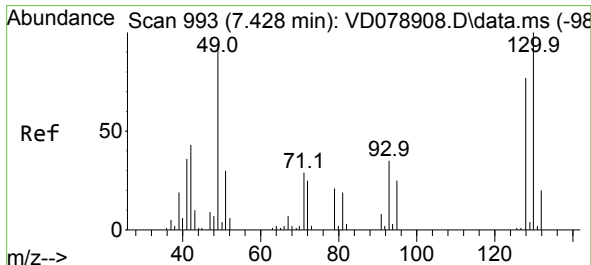
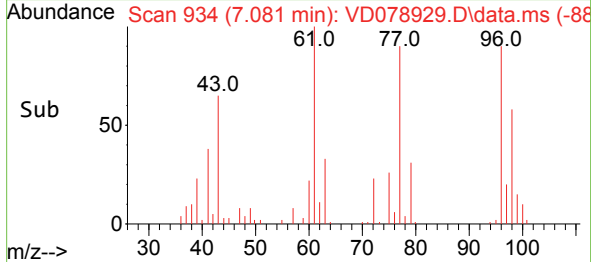
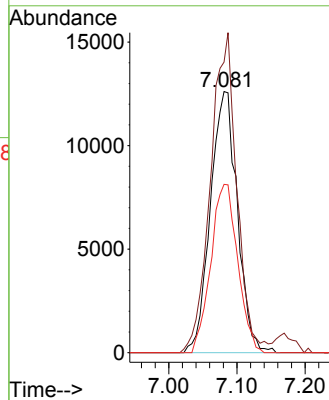
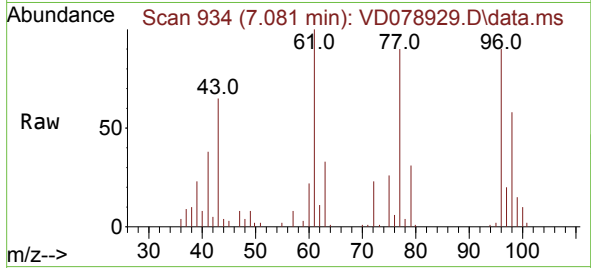




#27
 cis-1,2-Dichloroethene
 Concen: 21.213 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.005 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

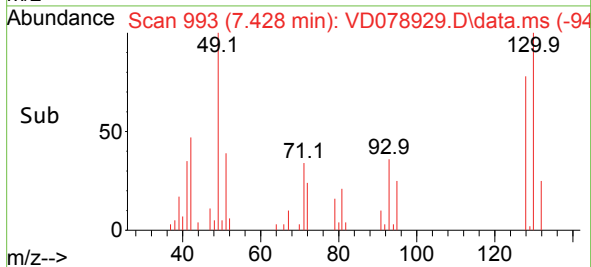
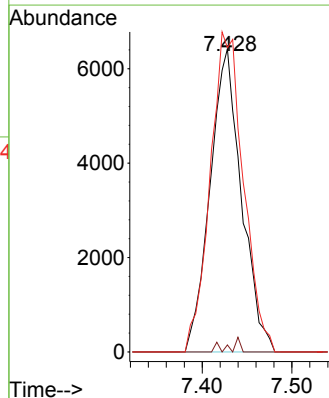
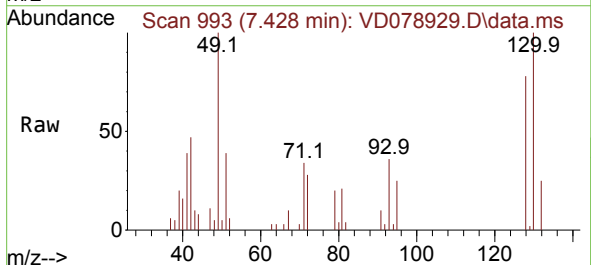
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

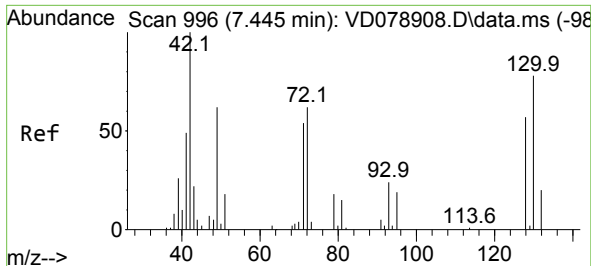
Tgt Ion: 96	Resp: 34684
Ion Ratio	Lower Upper
96 100	
61 119.4	0.0 229.0
98 64.2	0.0 127.2



#28
 Bromochloromethane
 Concen: 21.436 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion: 49	Resp: 15625
Ion Ratio	Lower Upper
49 100	
129 0.5	0.0 7.0
130 111.4	87.7 131.5





#29

Tetrahydrofuran

Concen: 106.584 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

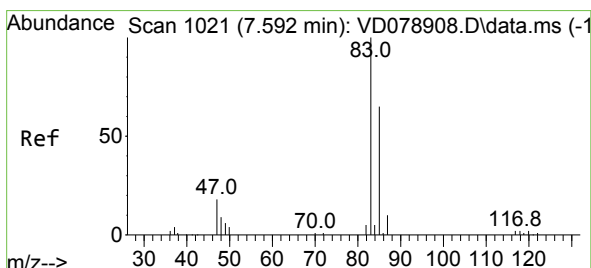
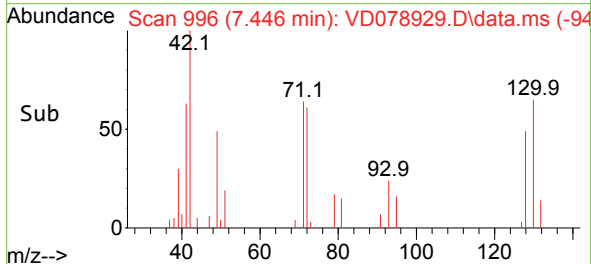
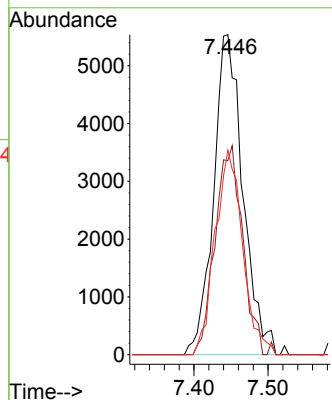
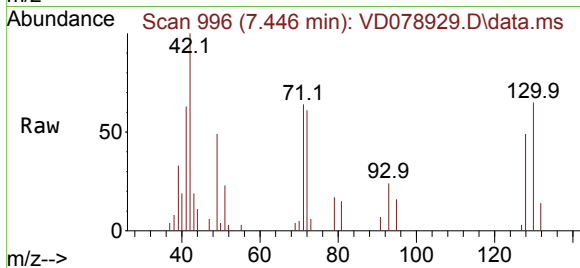
Tgt Ion: 42 Resp: 15218

Ion Ratio Lower Upper

42 100

72 61.0 49.4 74.0

71 60.3 45.0 67.6



#30

Chloroform

Concen: 21.465 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078929.D

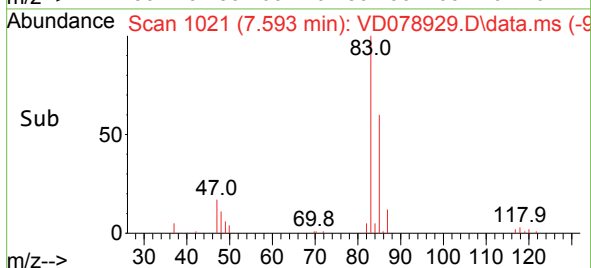
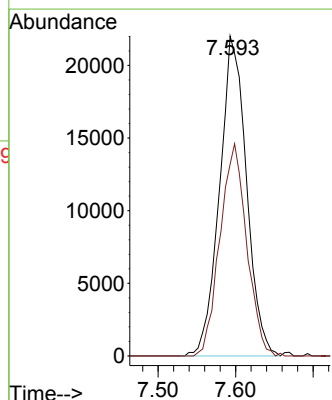
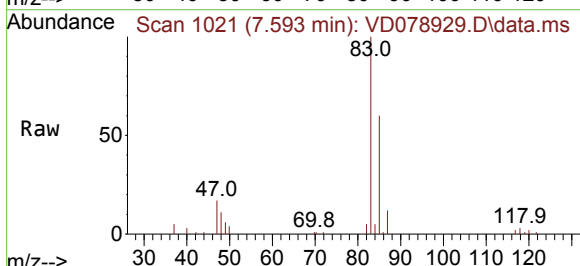
Acq: 15 May 2024 13:29

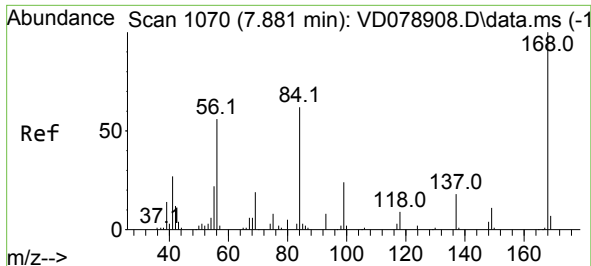
Tgt Ion: 83 Resp: 53139

Ion Ratio Lower Upper

83 100

85 59.9 51.8 77.6

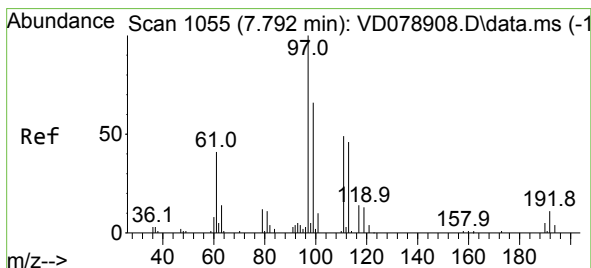
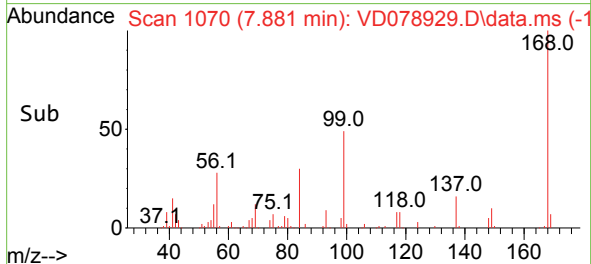
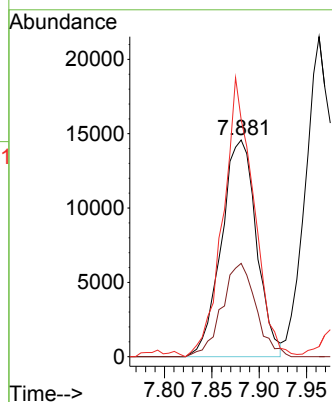
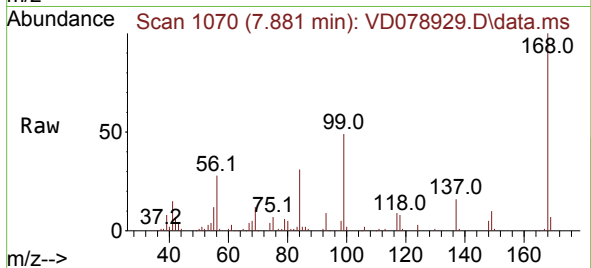




#31
Cyclohexane
Concen: 22.175 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

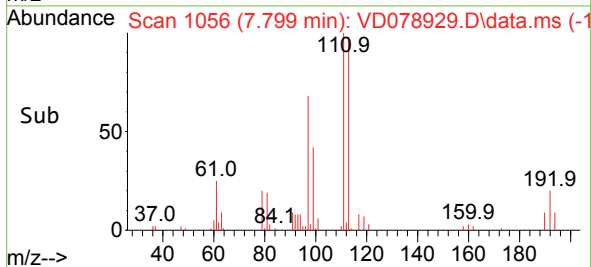
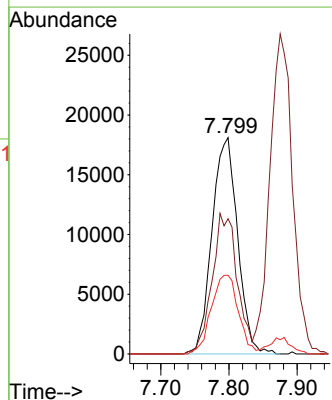
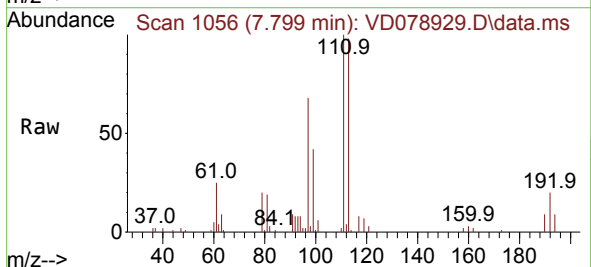
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

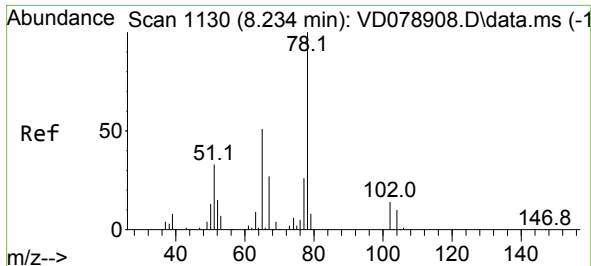
Tgt Ion: 56 Resp: 37501
Ion Ratio Lower Upper
56 100
69 43.1 28.0 42.0#
84 108.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 22.360 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 97 Resp: 47403
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 38.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.226 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

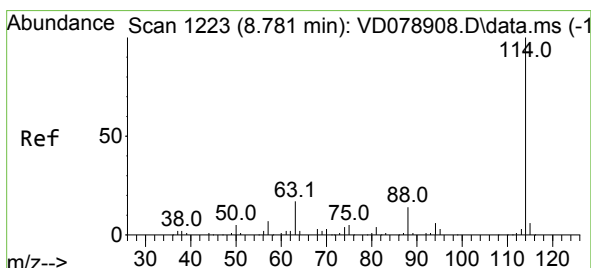
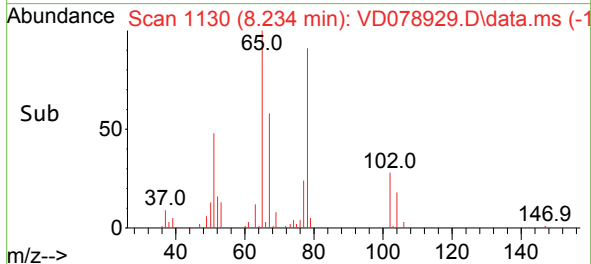
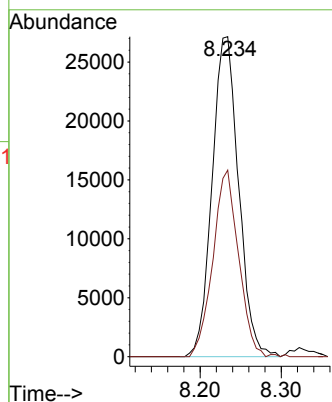
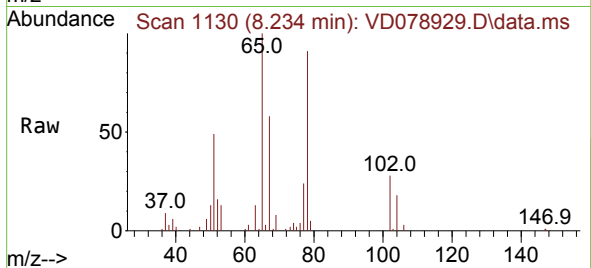
VD0515SBSD01

Tgt Ion: 65 Resp: 61612

Ion Ratio Lower Upper

65 100

67 56.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

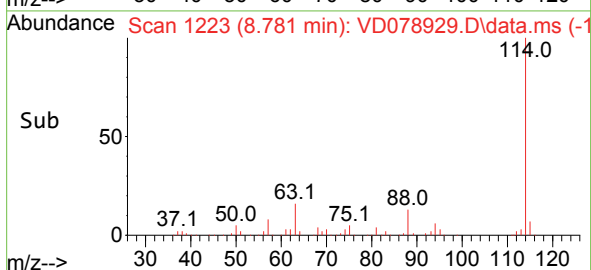
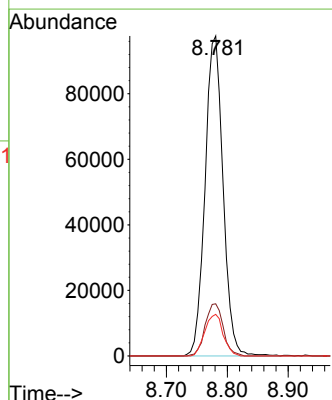
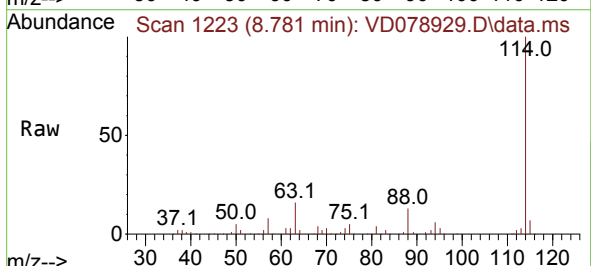
Tgt Ion: 114 Resp: 200397

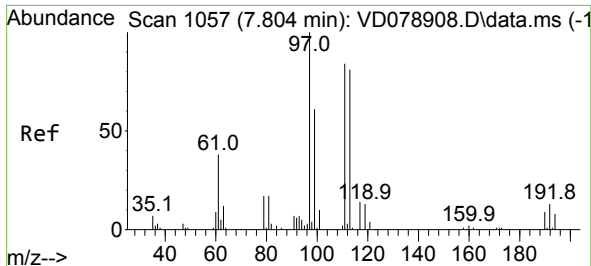
Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.0

88 13.0 0.0 27.2

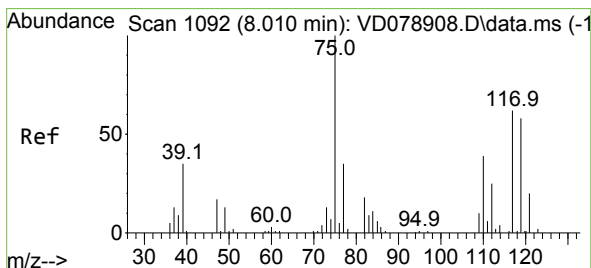
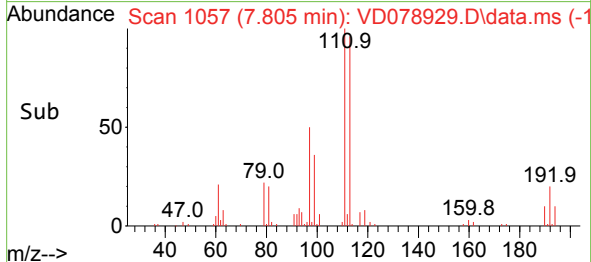
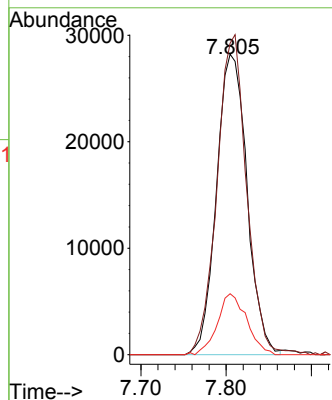
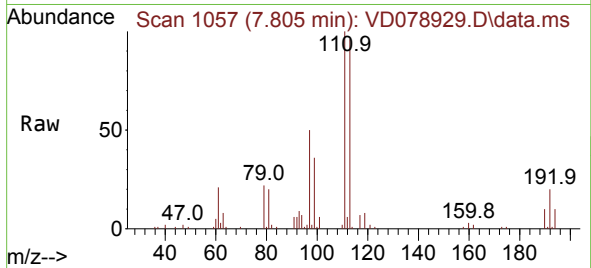




#35
Dibromofluoromethane
Concen: 52.654 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

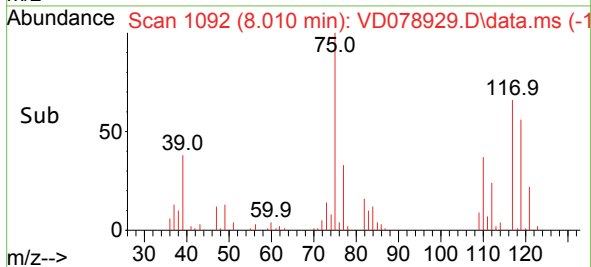
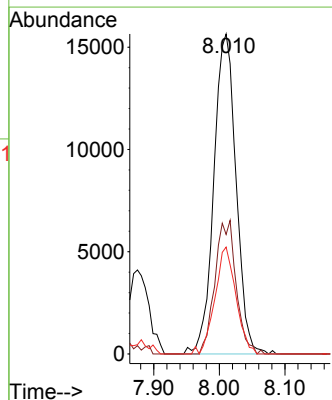
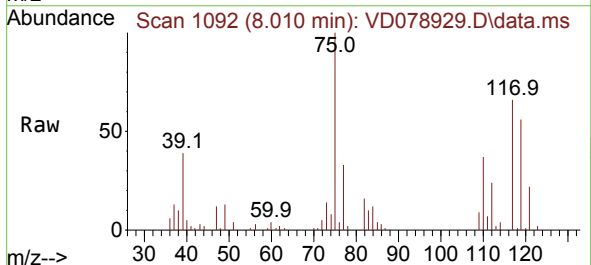
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

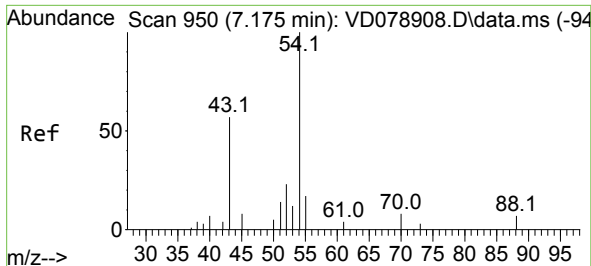
Tgt Ion:113 Resp: 70239
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 19.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 22.186 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 75 Resp: 36829
Ion Ratio Lower Upper
75 100
110 39.7 19.6 58.7
77 31.5 26.1 39.1





#37

Ethyl Acetate

Concen: 21.892 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

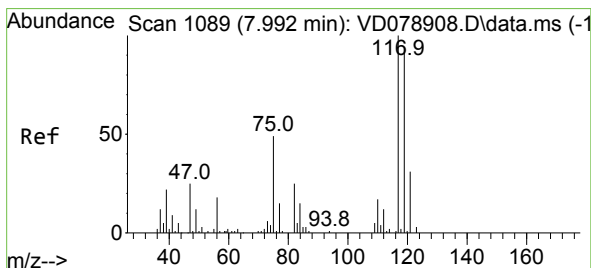
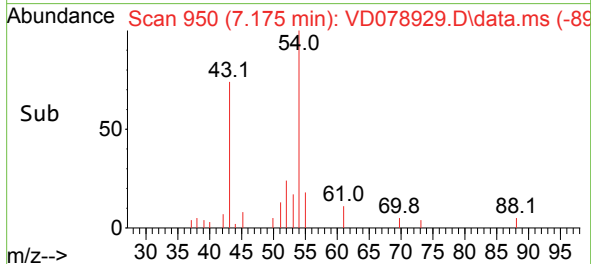
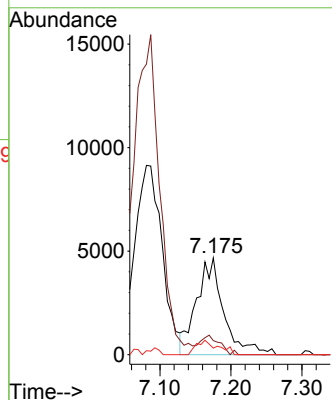
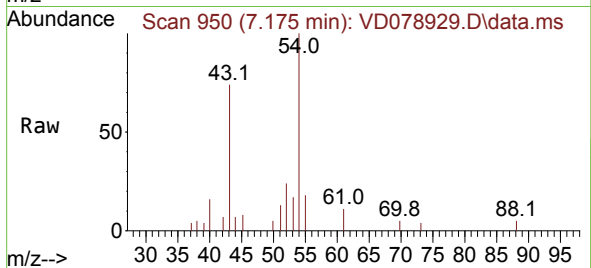
Tgt Ion: 43 Resp: 12385

Ion Ratio Lower Upper

43 100

61 14.9 13.9 20.9

70 11.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 22.592 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

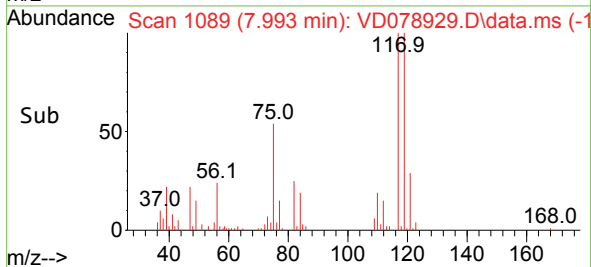
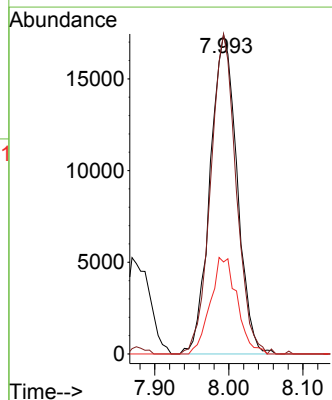
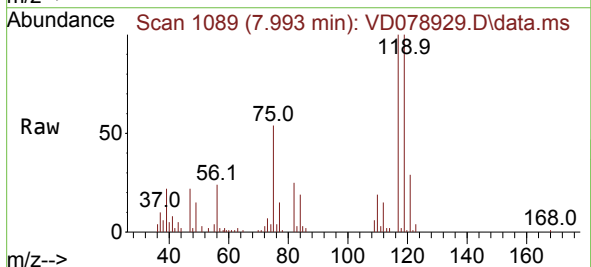
Tgt Ion: 117 Resp: 43888

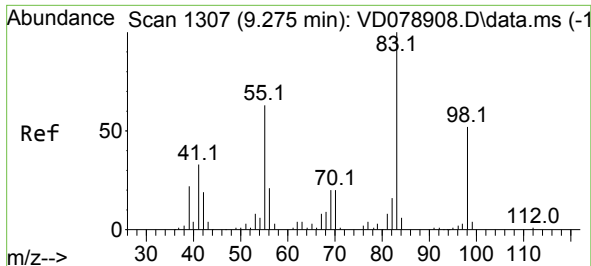
Ion Ratio Lower Upper

117 100

119 100.2 75.4 113.0

121 28.8 25.0 37.4

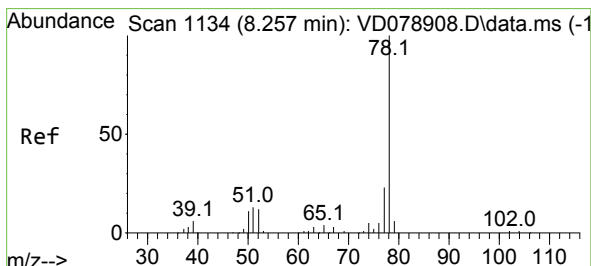
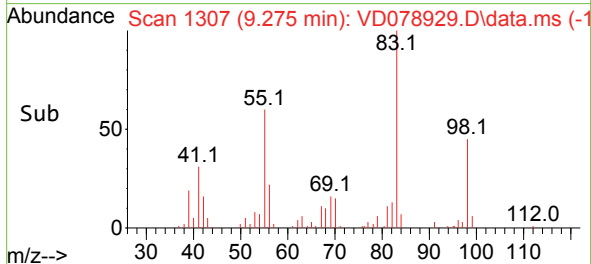
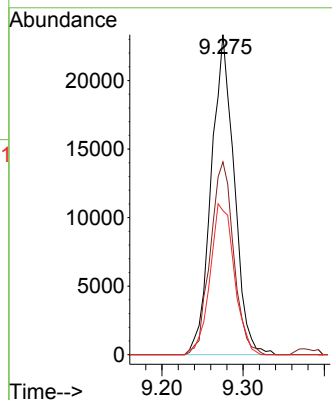
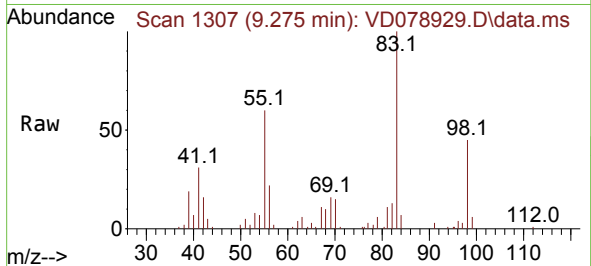




#39
Methylcyclohexane
Concen: 22.672 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

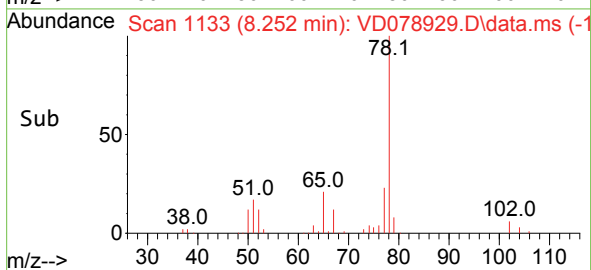
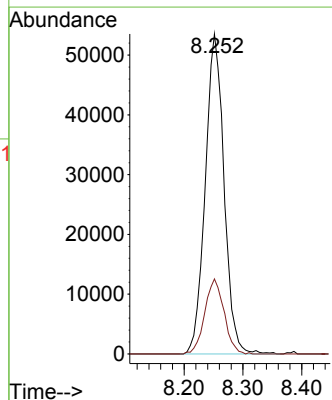
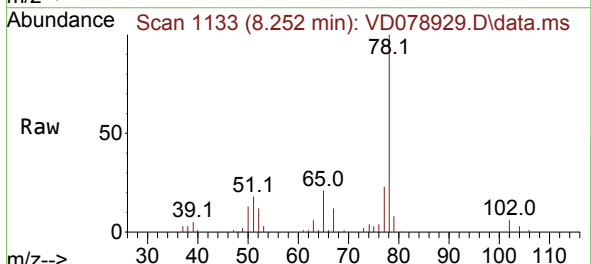
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

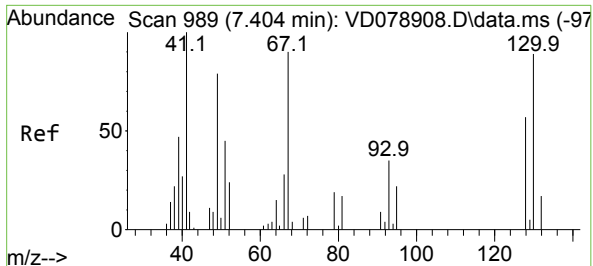
Tgt Ion: 83 Resp: 45729
Ion Ratio Lower Upper
83 100
55 60.3 50.1 75.1
98 45.0 41.9 62.9



#40
Benzene
Concen: 22.158 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

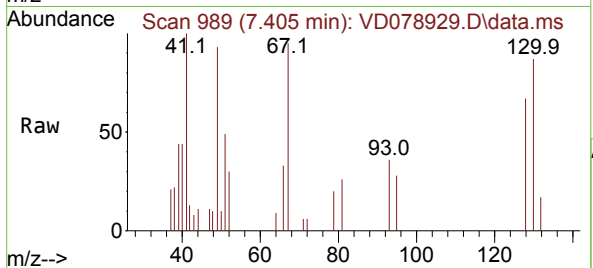
Tgt Ion: 78 Resp: 118966
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1



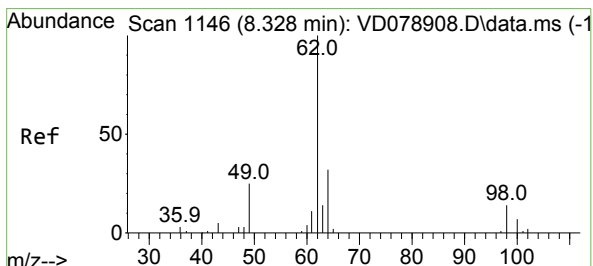
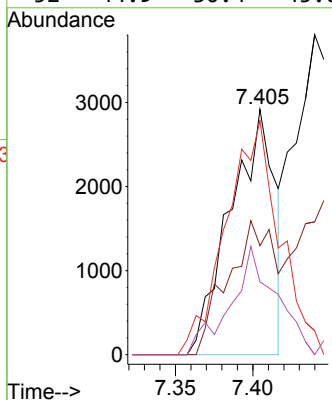
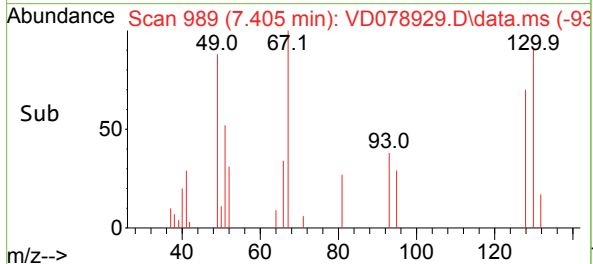


#41
Methacrylonitrile
Concen: 19.201 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

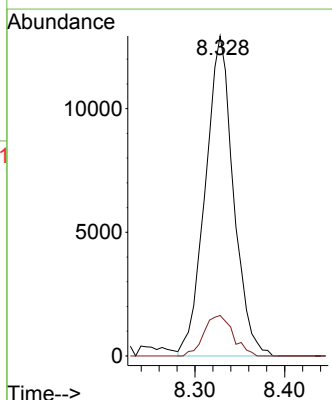
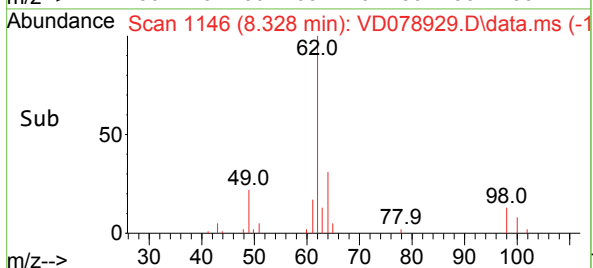
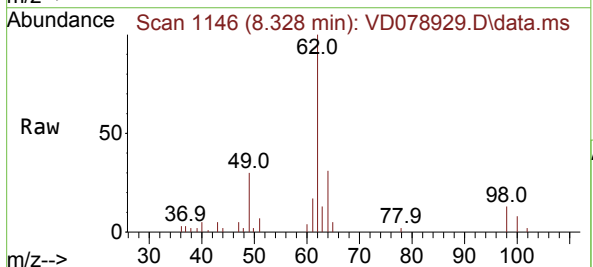


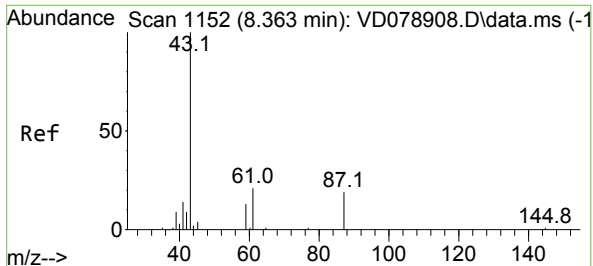
Tgt Ion: 41	Resp: 5845
Ion Ratio	Lower Upper
41 100	
39 56.2	41.4 62.0
67 113.4	85.8 128.6
52 44.9	30.4 45.6



#42
1,2-Dichloroethane
Concen: 21.657 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 62	Resp: 28145
Ion Ratio	Lower Upper
62 100	
98 13.1	0.0 25.8

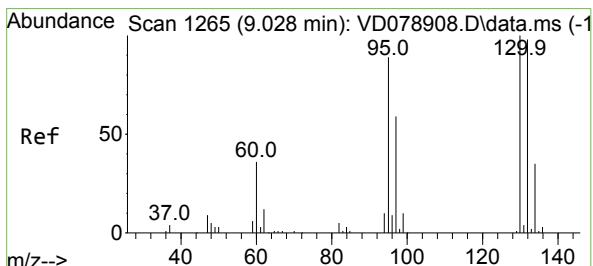
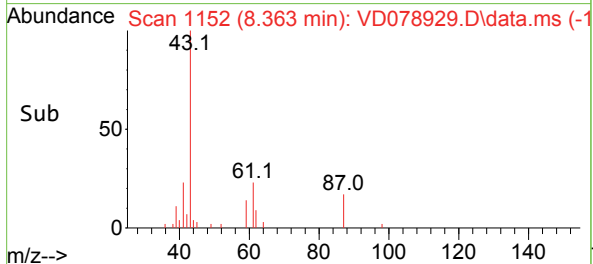
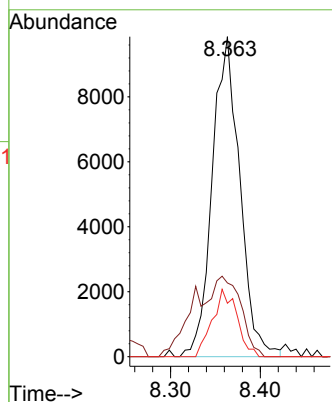
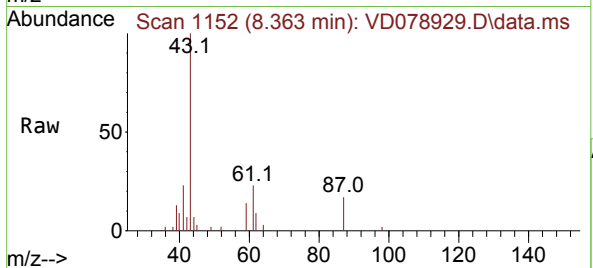




#43
Isopropyl Acetate
Concen: 20.957 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

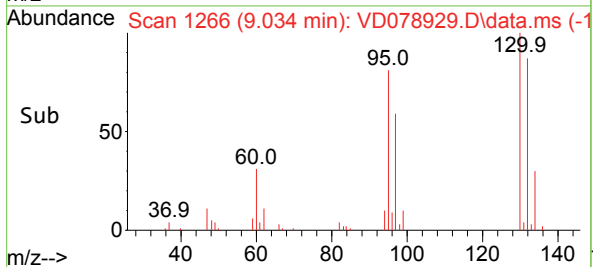
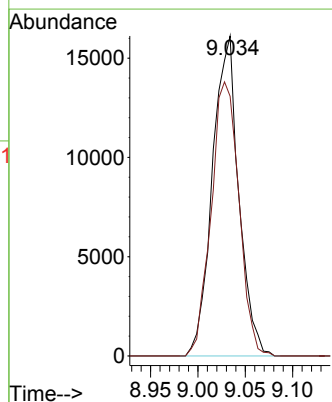
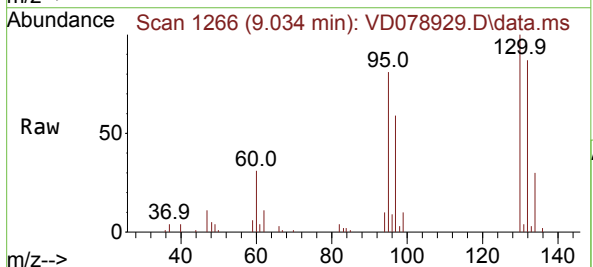
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

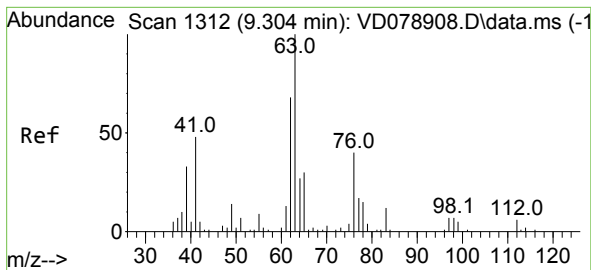
Tgt Ion: 43 Resp: 21037
Ion Ratio Lower Upper
43 100
61 26.0 29.3 43.9#
87 18.7 14.9 22.3



#44
Trichloroethene
Concen: 21.884 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion:130 Resp: 31165
Ion Ratio Lower Upper
130 100
95 81.2 0.0 177.8





#45

1,2-Dichloropropane

Concen: 21.914 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

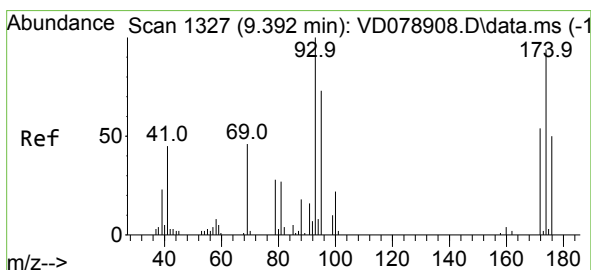
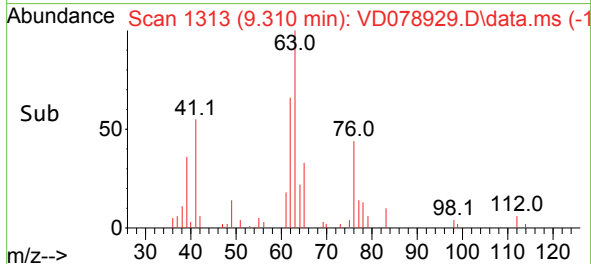
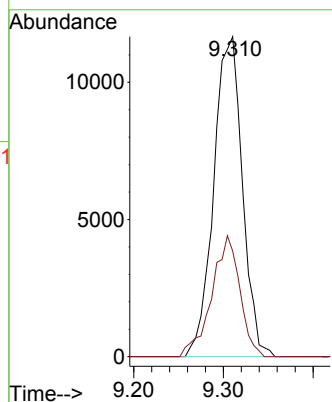
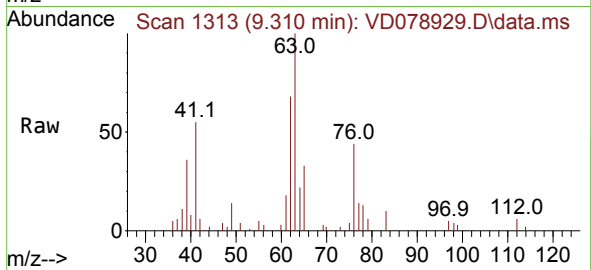
VD0515SBSD01

Tgt Ion: 63 Resp: 25855

Ion Ratio Lower Upper

63 100

65 33.0 23.8 35.8



#46

Dibromomethane

Concen: 22.029 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

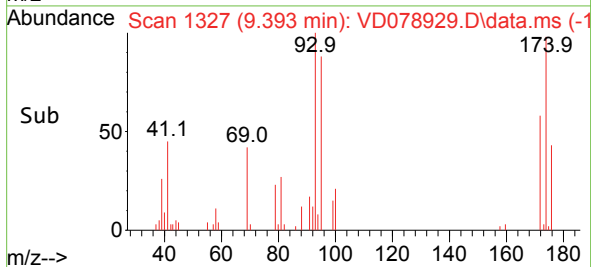
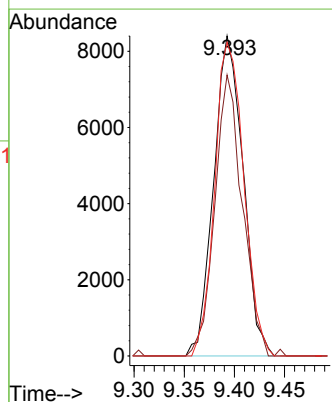
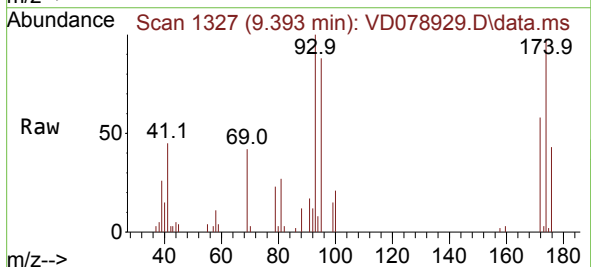
Tgt Ion: 93 Resp: 17110

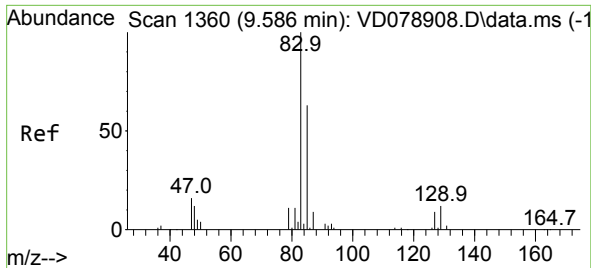
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 97.4 82.3 123.5

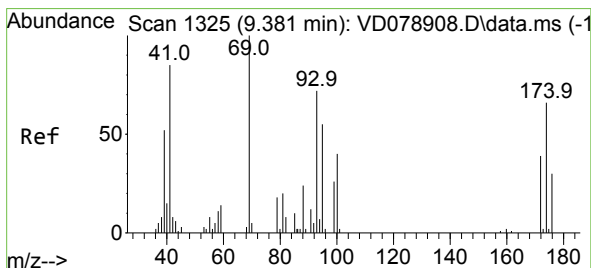
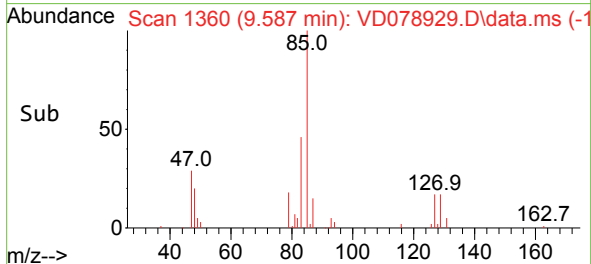
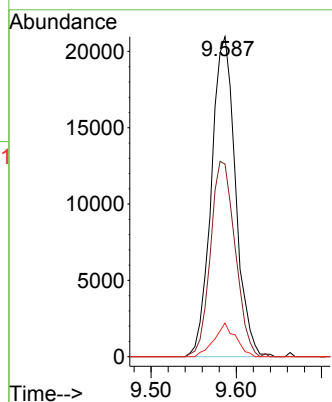
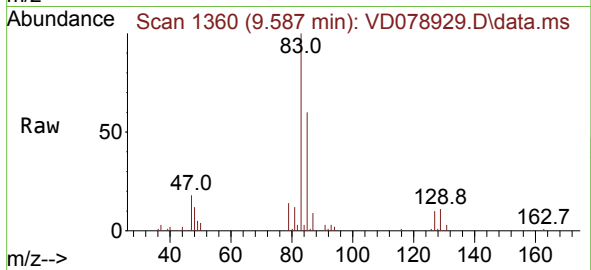




#47
Bromodichloromethane
Concen: 22.086 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

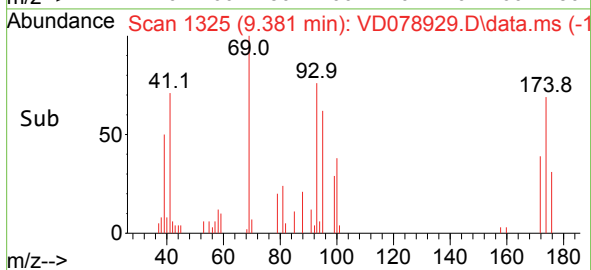
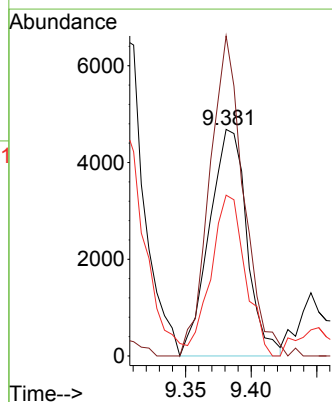
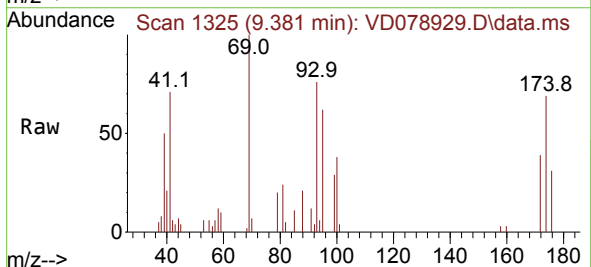
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

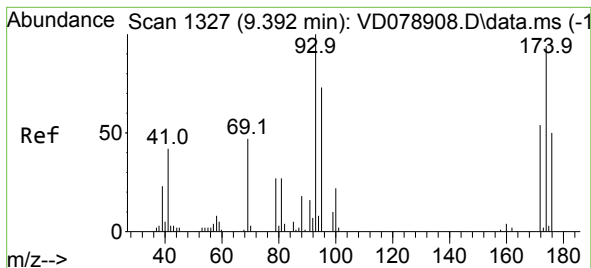
Tgt Ion: 83 Resp: 41294
Ion Ratio Lower Upper
83 100
85 60.2 50.1 75.1
127 10.5 6.8 10.2#



#48
Methyl methacrylate
Concen: 19.093 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 41 Resp: 9330
Ion Ratio Lower Upper
41 100
69 128.3 96.7 145.1
39 64.4 43.8 65.6





#49

1,4-Dioxane

Concen: 469.099 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

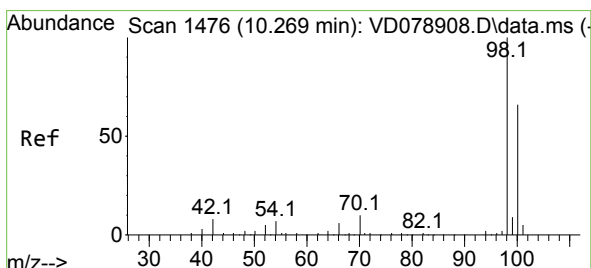
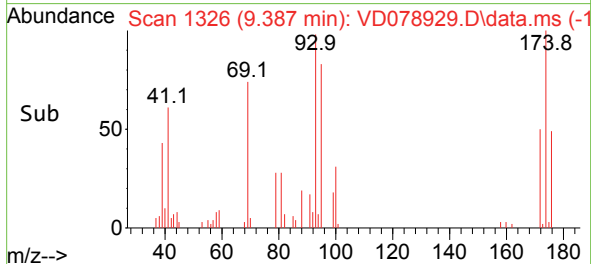
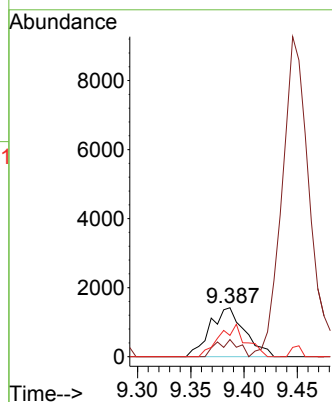
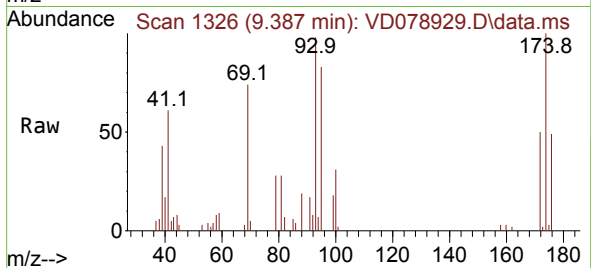
Tgt Ion: 88 Resp: 3205

Ion Ratio Lower Upper

88 100

43 22.7 21.5 32.3

58 51.4 42.2 63.4



#50

Toluene-d8

Concen: 54.777 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078929.D

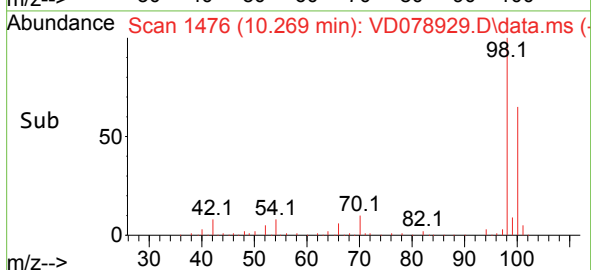
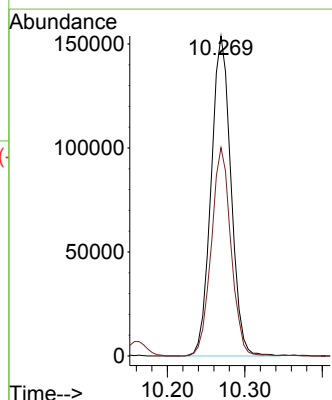
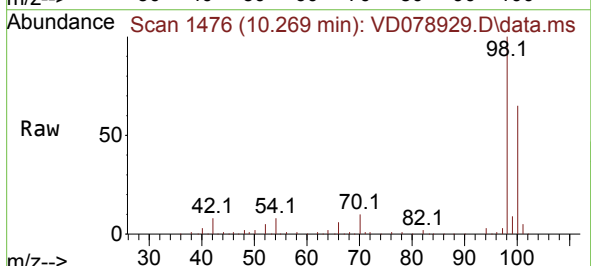
Acq: 15 May 2024 13:29

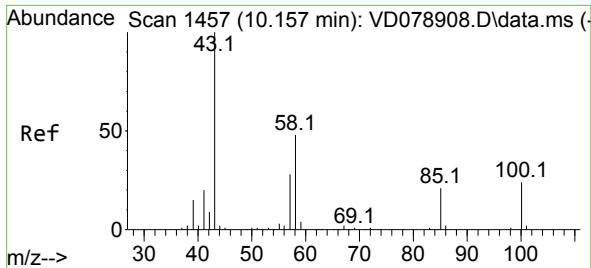
Tgt Ion: 98 Resp: 273931

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

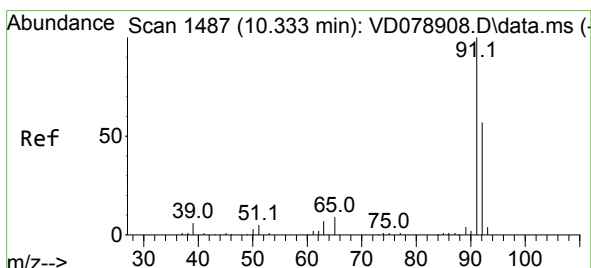
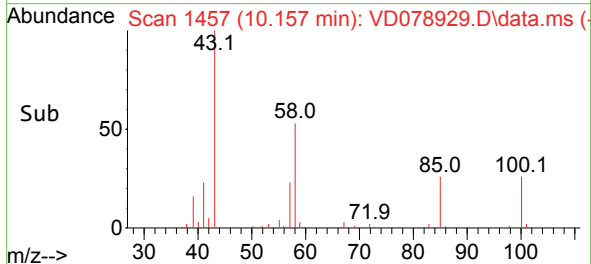
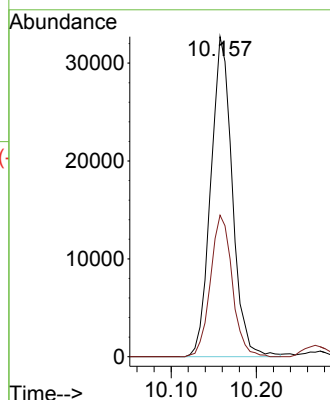
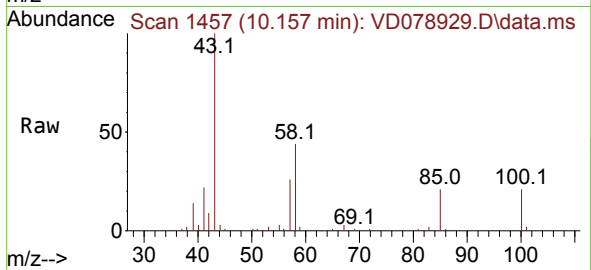




#51
4-Methyl-2-Pentanone
Concen: 107.236 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

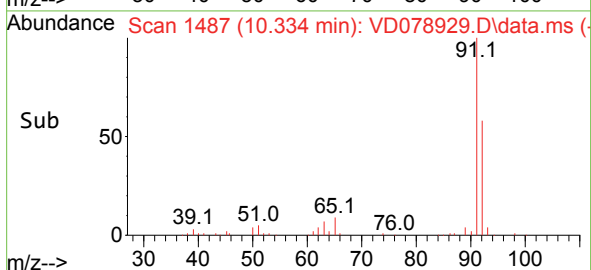
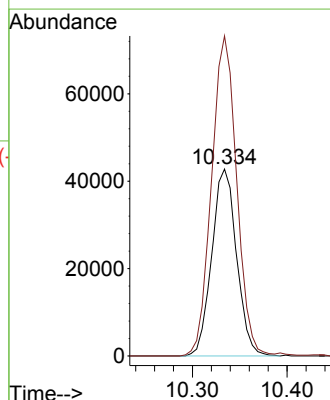
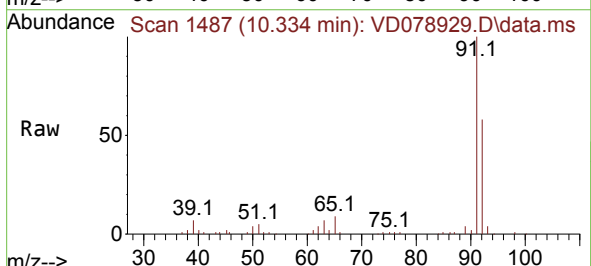
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

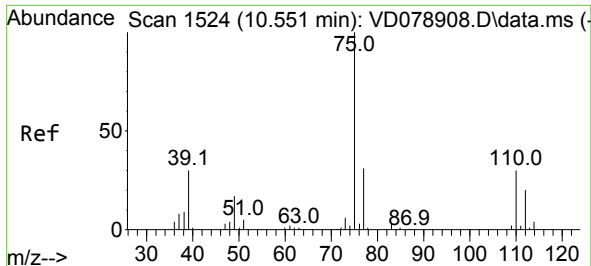
Tgt Ion: 43 Resp: 57335
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 22.604 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 92 Resp: 77687
Ion Ratio Lower Upper
92 100
91 173.6 141.7 212.5

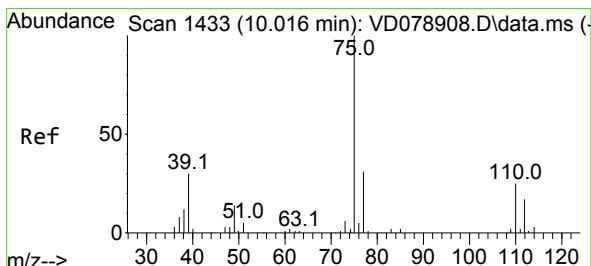
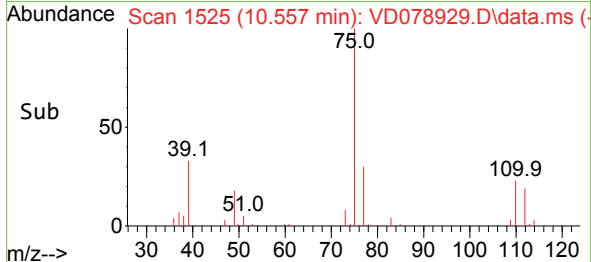
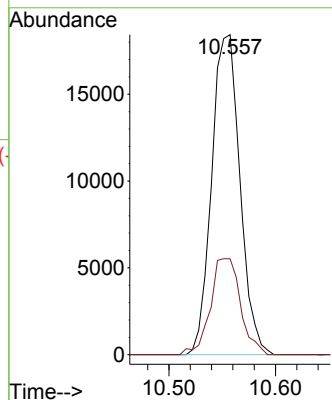
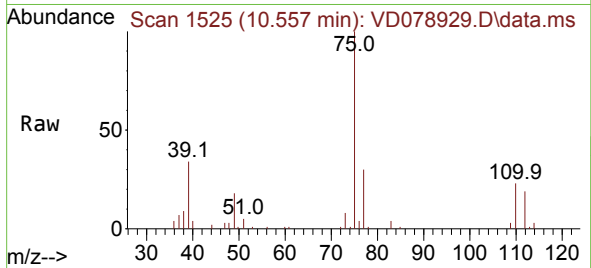




#53
 t-1,3-Dichloropropene
 Concen: 21.369 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

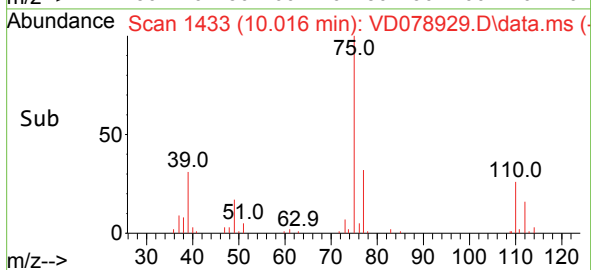
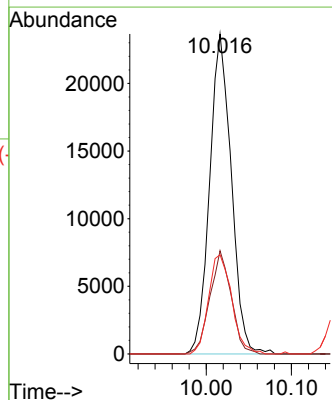
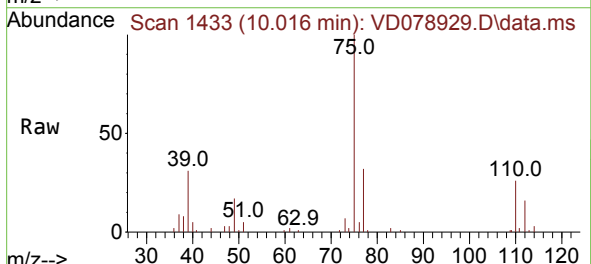
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

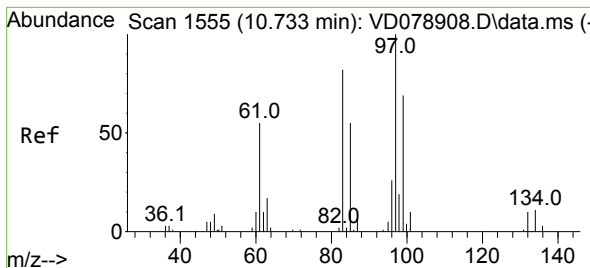
Tgt Ion: 75 Resp: 33950
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.864 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion: 75 Resp: 41694
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.4 36.6
 39 31.0 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 21.889 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

Tgt Ion: 97 Resp: 21965

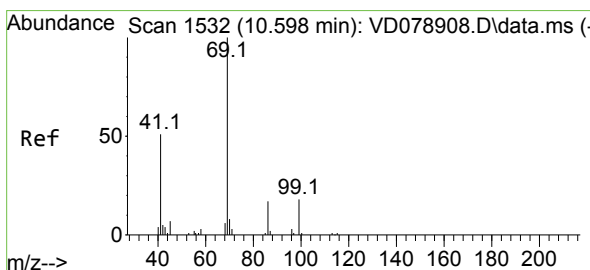
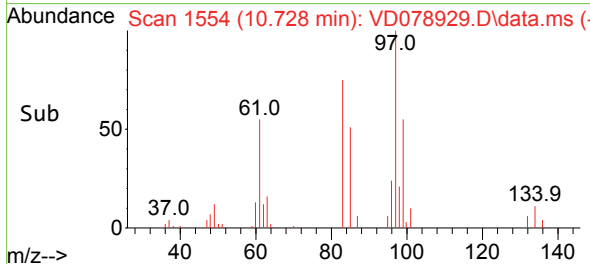
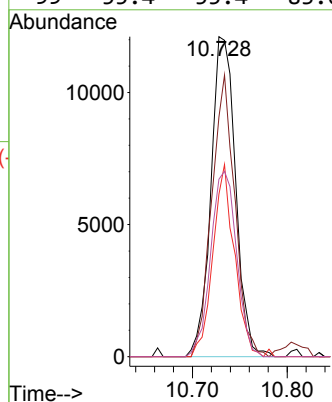
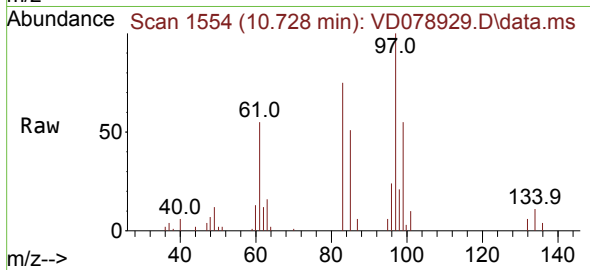
Ion Ratio Lower Upper

97 100

83 74.9 65.8 98.8

85 50.7 43.8 65.8

99 55.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 20.262 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

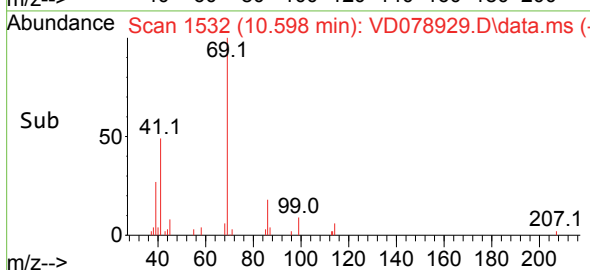
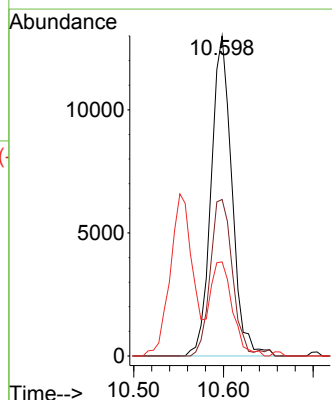
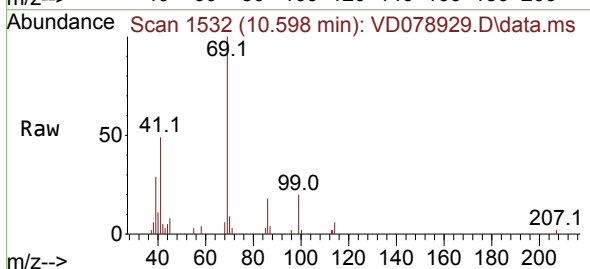
Tgt Ion: 69 Resp: 20919

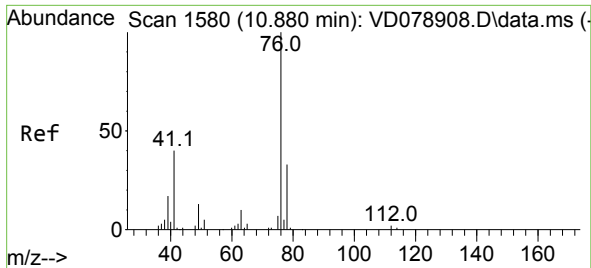
Ion Ratio Lower Upper

69 100

41 51.8 39.8 59.6

39 32.2 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 21.526 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

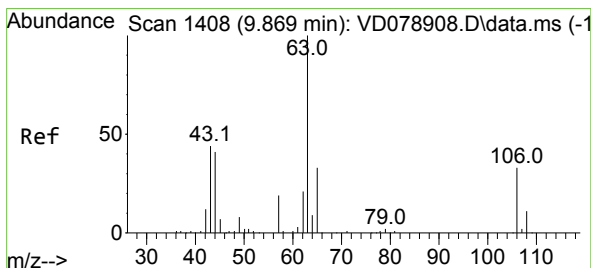
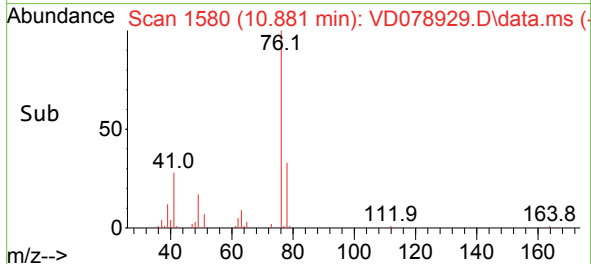
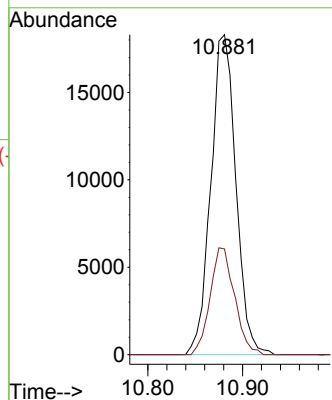
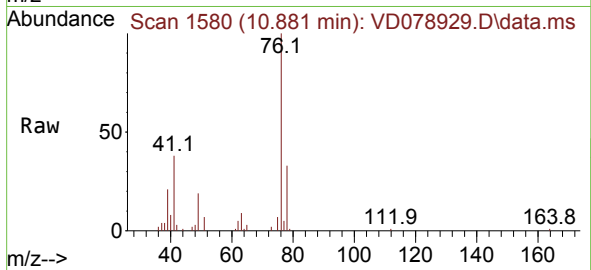
VD0515SBSD01

Tgt Ion: 76 Resp: 33636

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.865 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078929.D

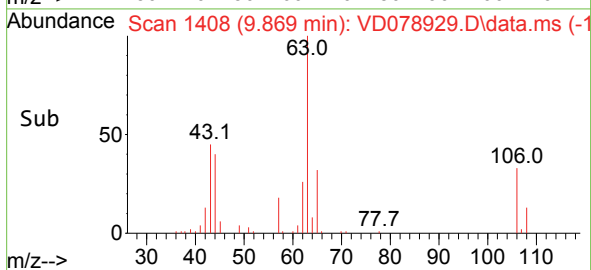
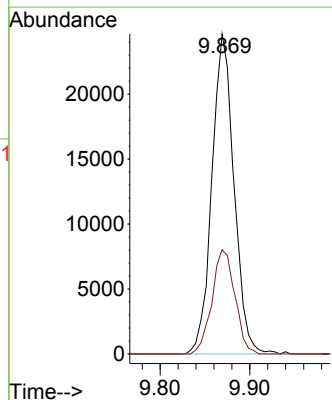
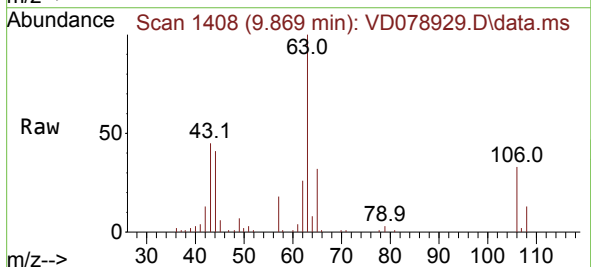
Acq: 15 May 2024 13:29

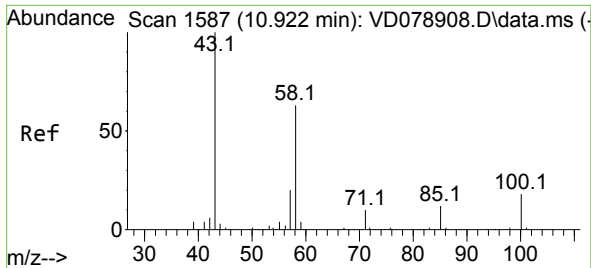
Tgt Ion: 63 Resp: 42082

Ion Ratio Lower Upper

63 100

106 33.7 26.4 39.6

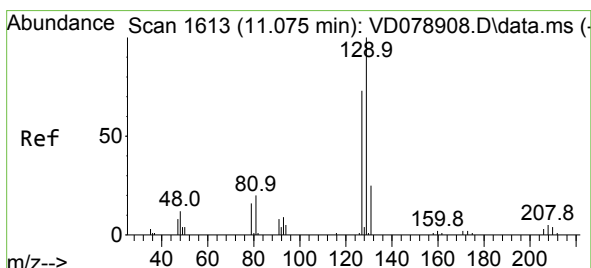
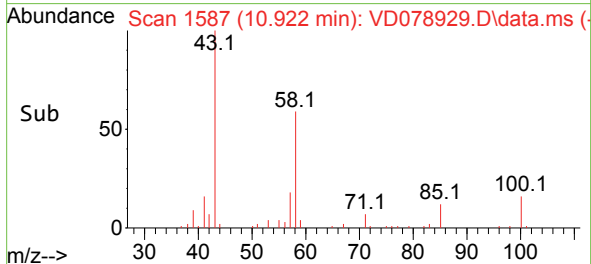
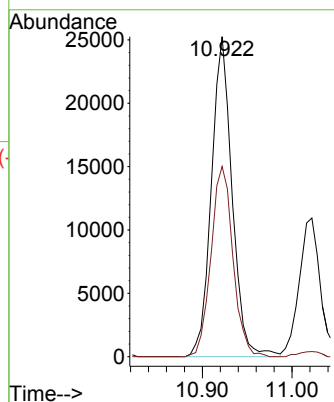
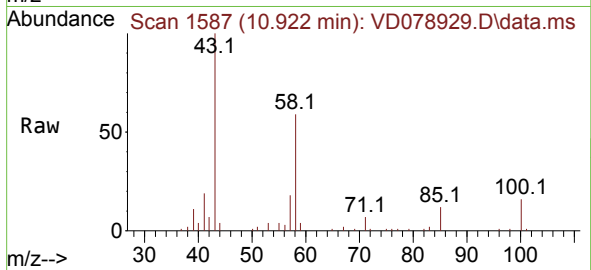




#59
2-Hexanone
Concen: 108.758 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

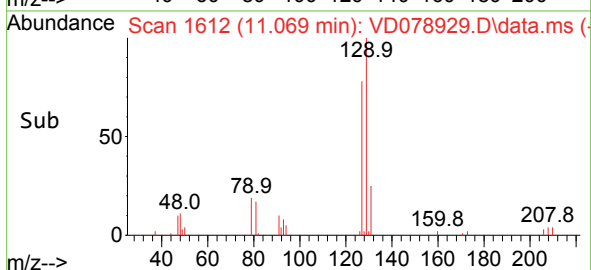
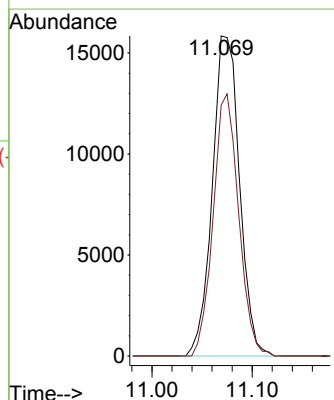
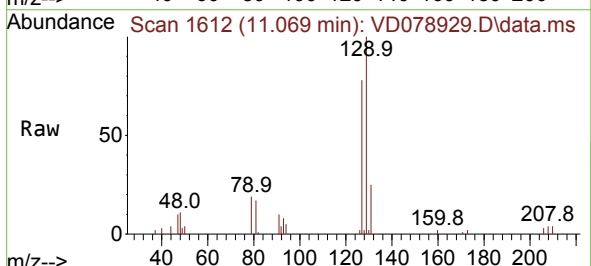
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

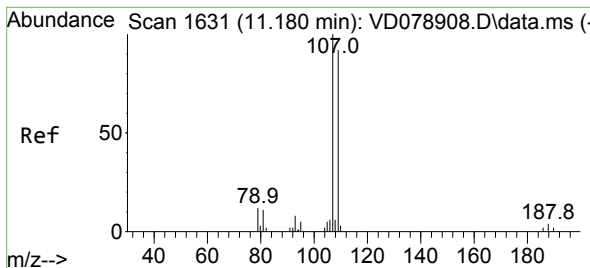
Tgt Ion: 43 Resp: 40474
Ion Ratio Lower Upper
43 100
58 62.9 31.1 93.5



#60
Dibromochloromethane
Concen: 21.773 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 129 Resp: 29784
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 22.490 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

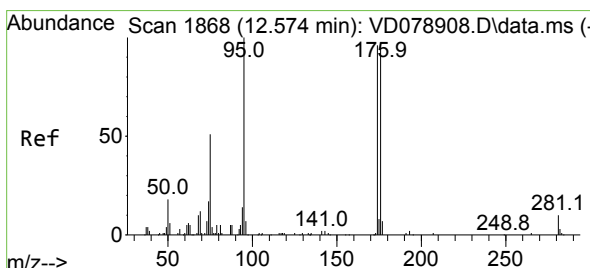
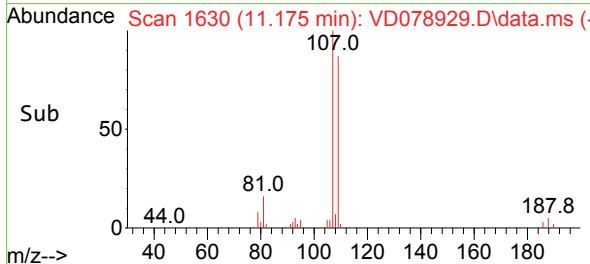
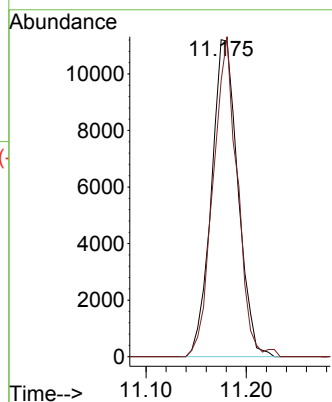
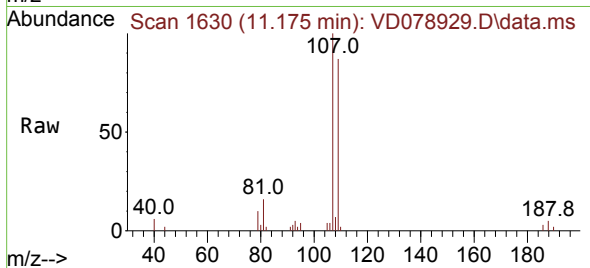
VD0515SBSD01

Tgt Ion:107 Resp: 20577

Ion Ratio Lower Upper

107 100

109 92.3 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 54.483 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

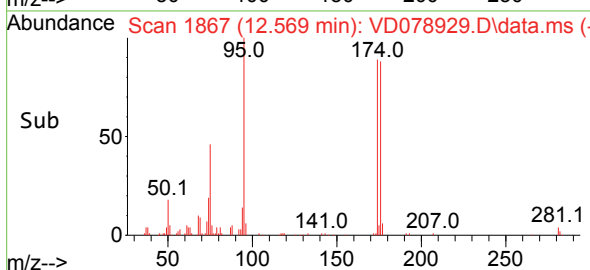
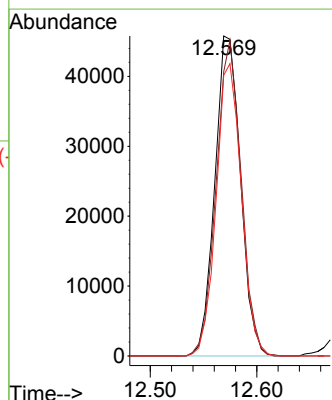
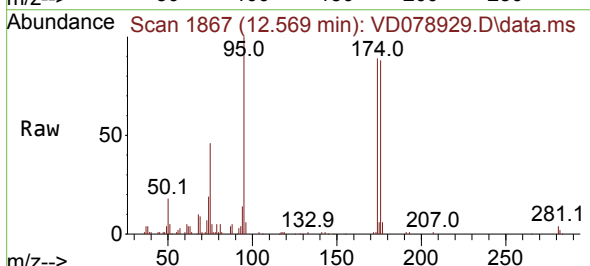
Tgt Ion: 95 Resp: 76542

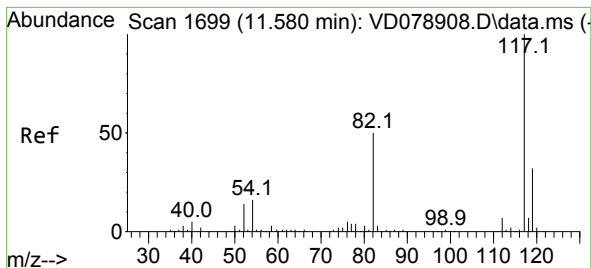
Ion Ratio Lower Upper

95 100

174 96.2 0.0 195.4

176 90.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

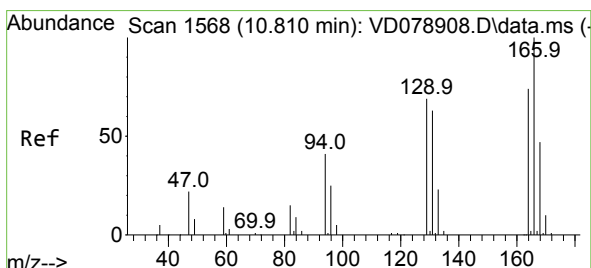
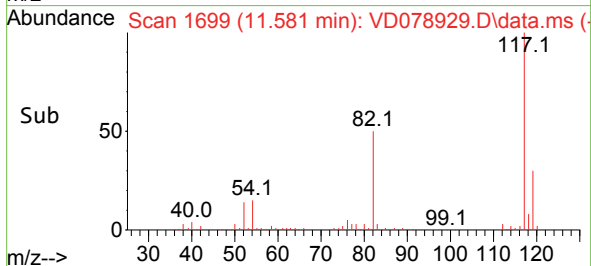
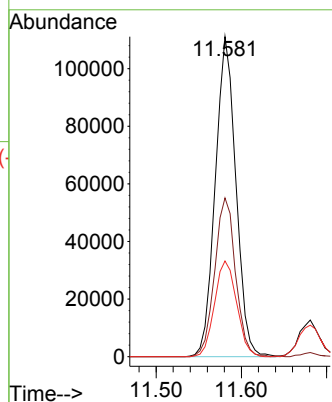
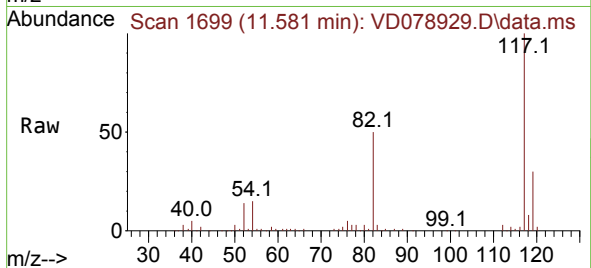
Tgt Ion:117 Resp: 186663

Ion Ratio Lower Upper

117 100

82 49.6 39.8 59.6

119 29.9 25.7 38.5



#64

Tetrachloroethene

Concen: 22.075 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Tgt Ion:164 Resp: 26143

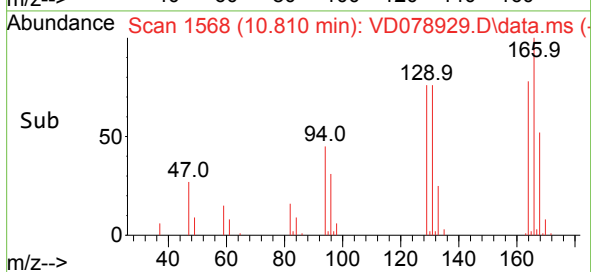
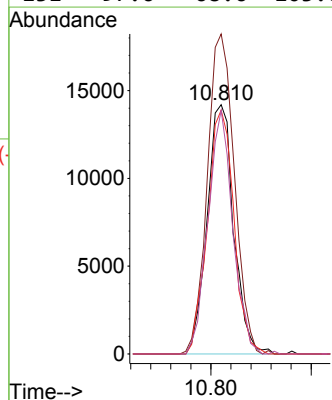
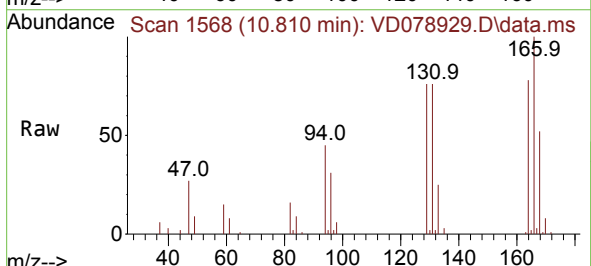
Ion Ratio Lower Upper

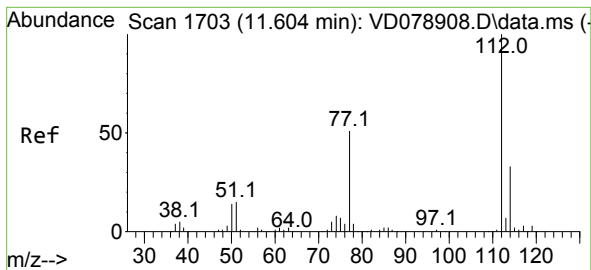
164 100

166 128.3 108.6 163.0

129 97.8 74.6 112.0

131 97.6 68.6 103.0

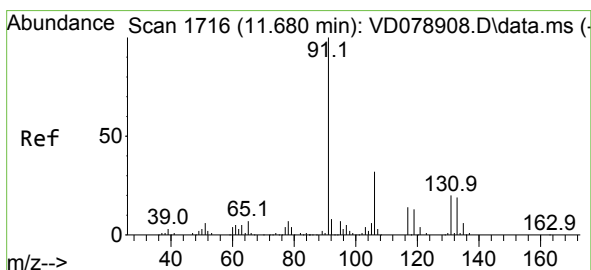
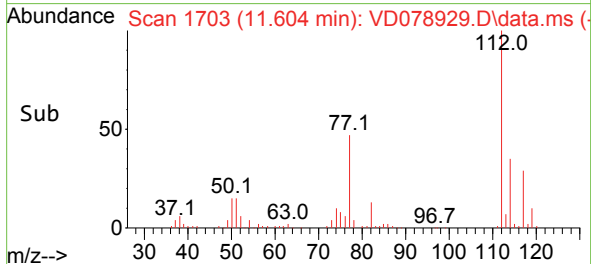
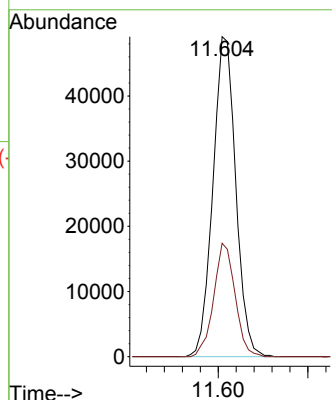
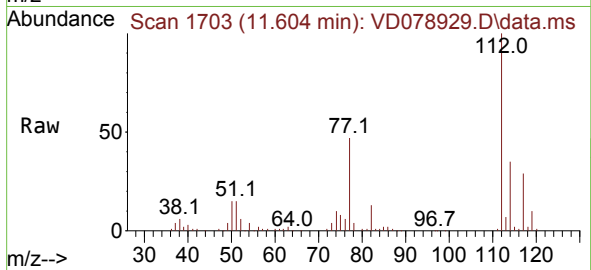




#65
Chlorobenzene
Concen: 22.327 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

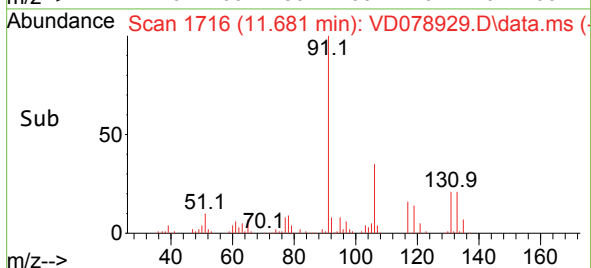
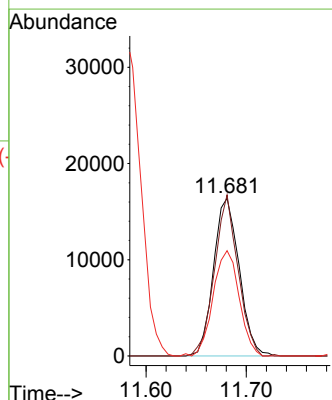
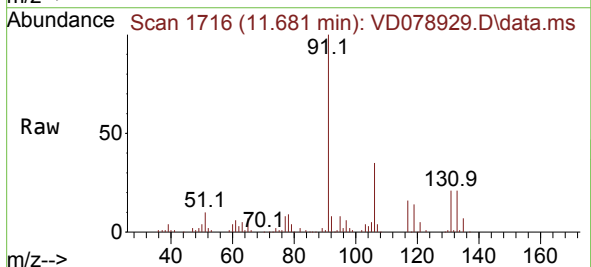
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

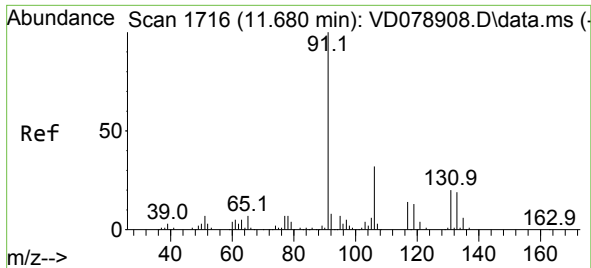
Tgt Ion:112 Resp: 86688
Ion Ratio Lower Upper
112 100
114 35.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.656 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion:131 Resp: 29069
Ion Ratio Lower Upper
131 100
133 93.4 49.2 147.6
119 67.8 33.4 100.2





#67

Ethyl Benzene

Concen: 21.568 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

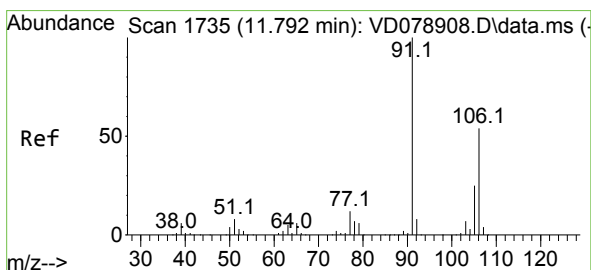
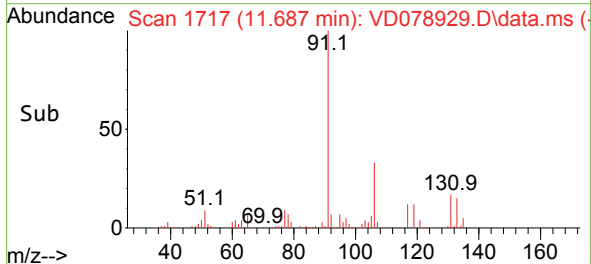
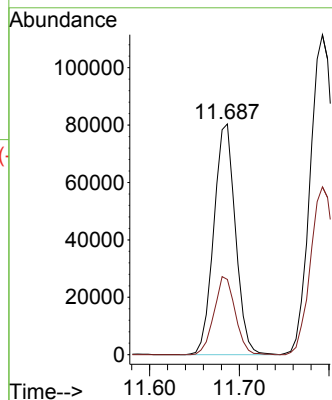
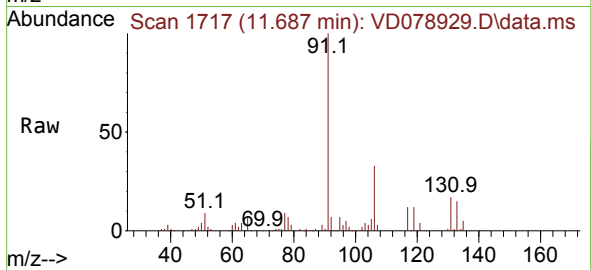
VD0515SBSD01

Tgt Ion: 91 Resp: 134696

Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.6



#68

m/p-Xylenes

Concen: 43.961 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078929.D

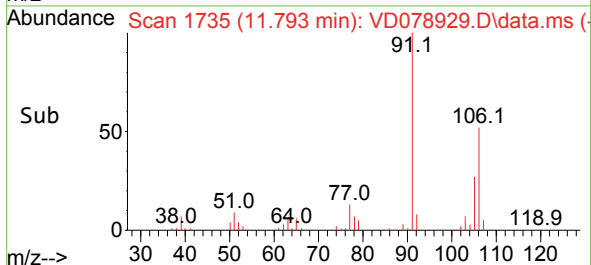
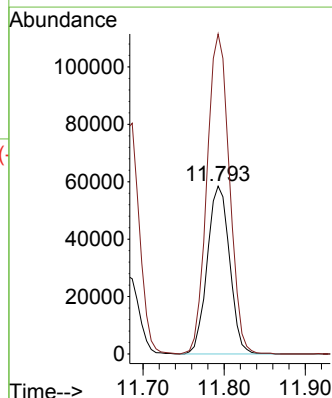
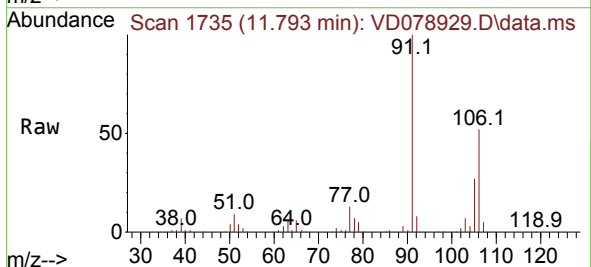
Acq: 15 May 2024 13:29

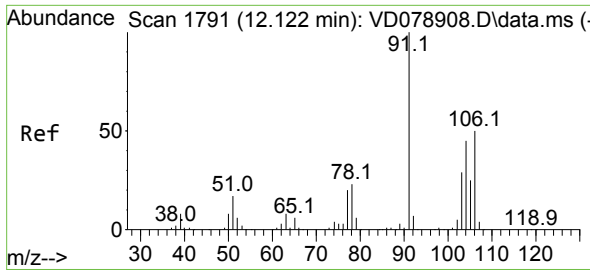
Tgt Ion: 106 Resp: 111618

Ion Ratio Lower Upper

106 100

91 191.8 148.5 222.7

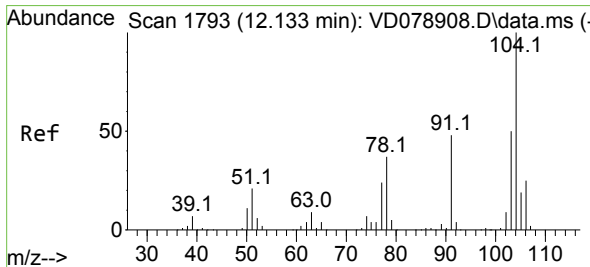
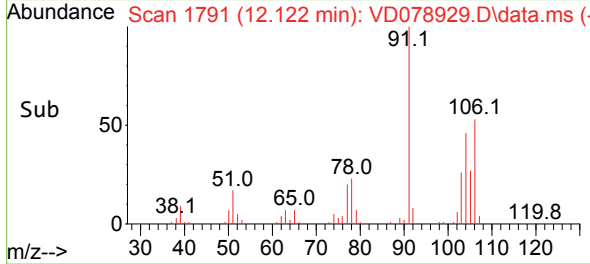
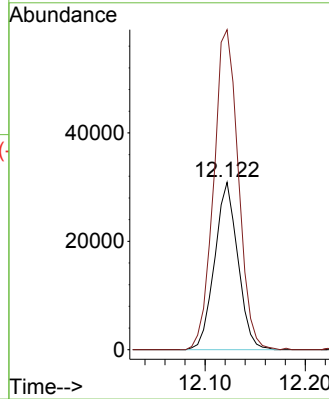
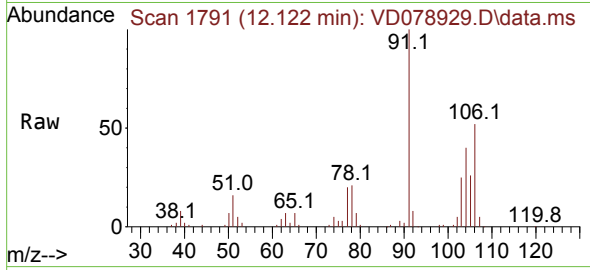




#69
o-Xylene
Concen: 21.435 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

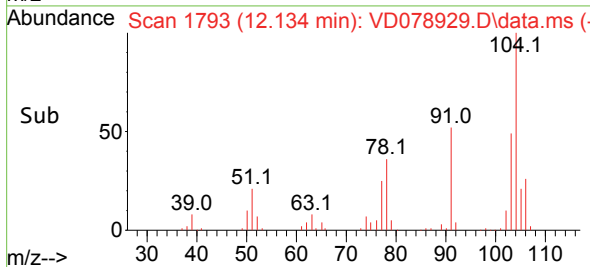
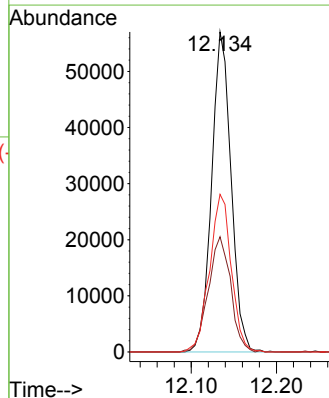
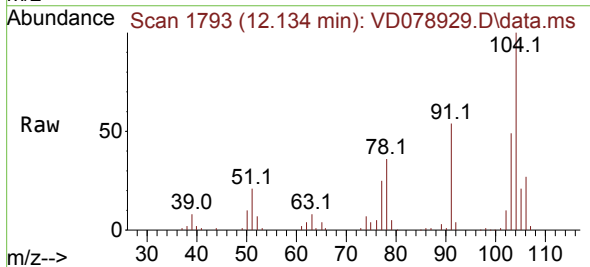
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

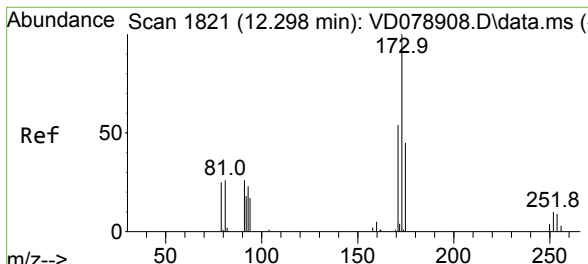
Tgt Ion:106 Resp: 49616
Ion Ratio Lower Upper
106 100
91 202.7 96.7 290.1



#70
Styrene
Concen: 22.071 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion:104 Resp: 90547
Ion Ratio Lower Upper
104 100
78 41.4 33.0 49.6
103 55.1 44.2 66.4

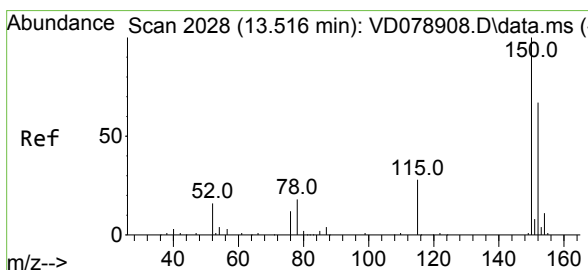
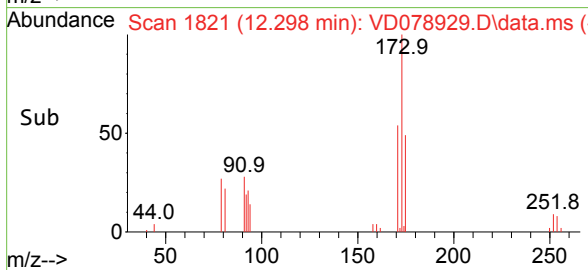
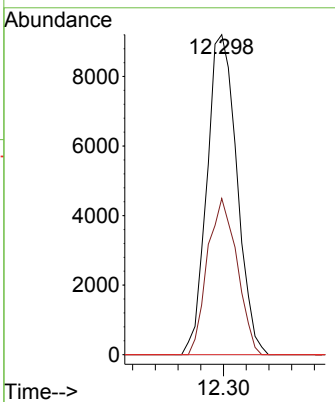
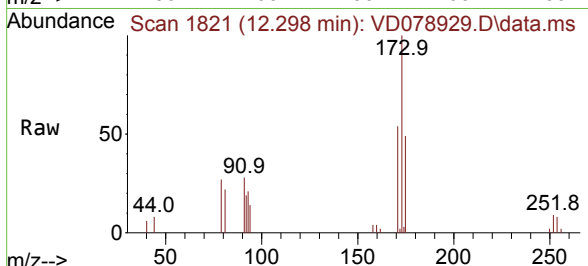




#71
 Bromoform
 Concen: 21.908 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

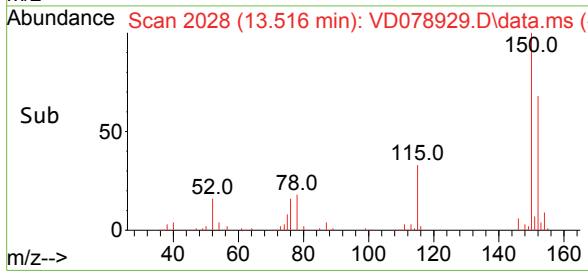
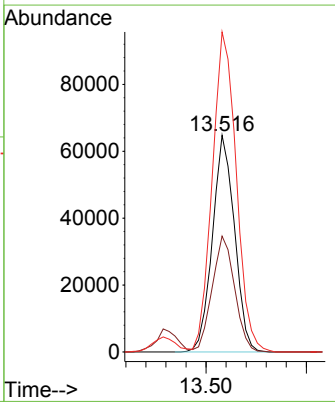
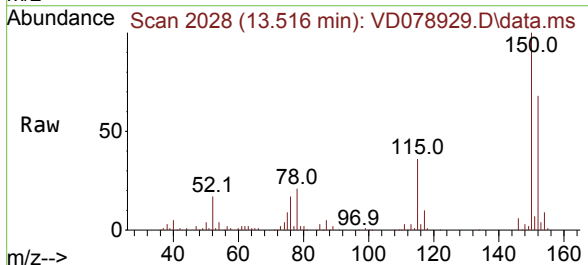
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

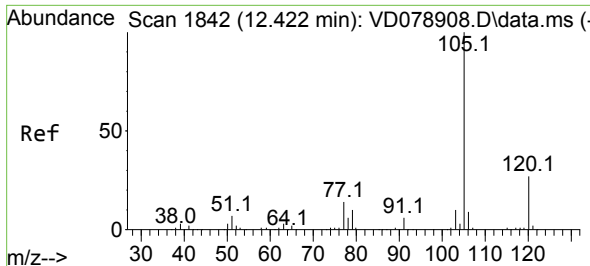
Tgt Ion:	173	Resp:	16845
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.7	71.1
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion:	152	Resp:	98806
Ion Ratio	Lower	Upper	
152	100		
115	54.5	26.5	79.5
150	160.7	0.0	341.6

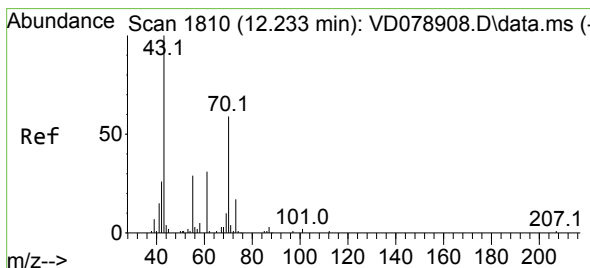
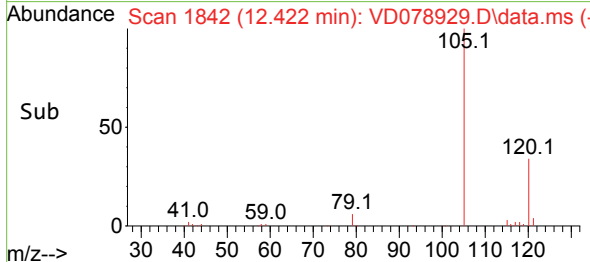
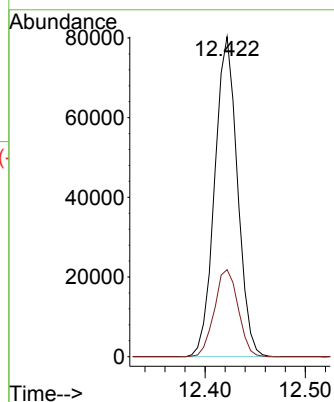
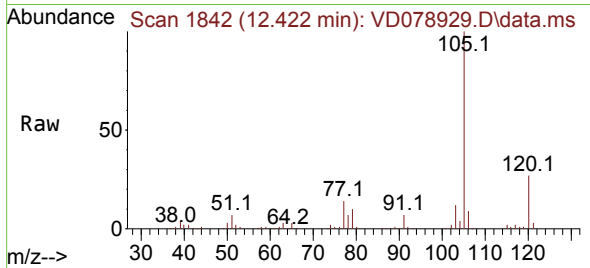




#73
Isopropylbenzene
Concen: 21.423 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

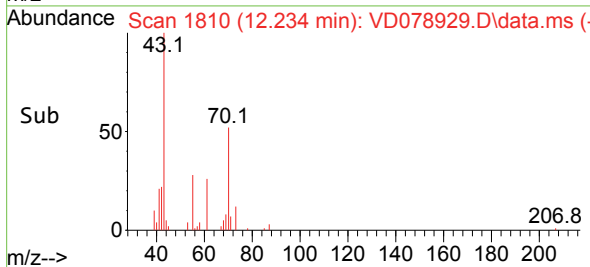
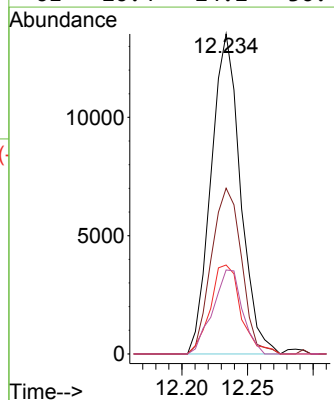
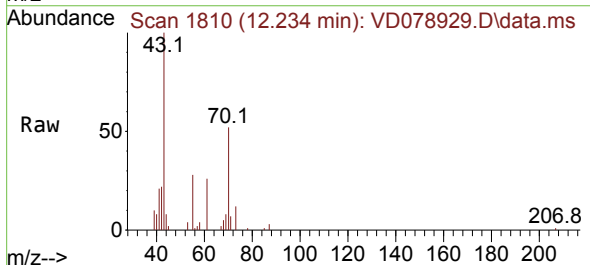
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

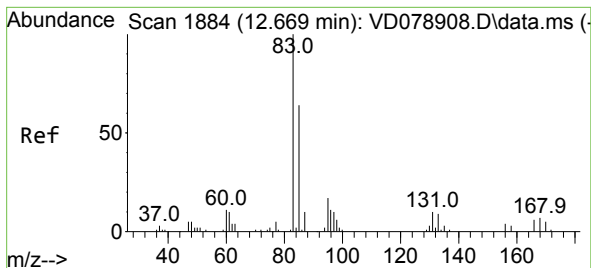
Tgt Ion:105 Resp: 126339
Ion Ratio Lower Upper
105 100
120 28.4 13.6 40.7



#74
N-ethyl acetate
Concen: 22.004 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 43 Resp: 21055
Ion Ratio Lower Upper
43 100
70 53.3 44.3 66.5
55 28.9 23.2 34.8
61 26.4 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.572 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

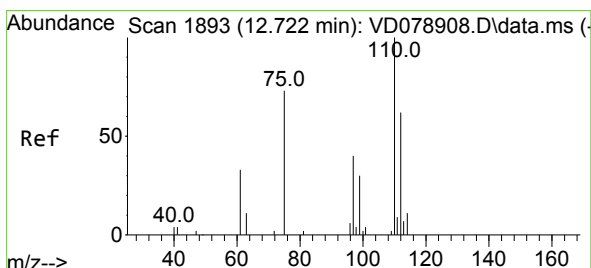
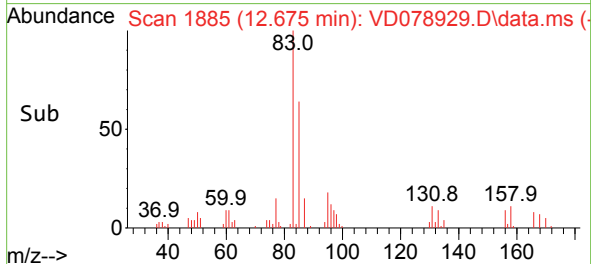
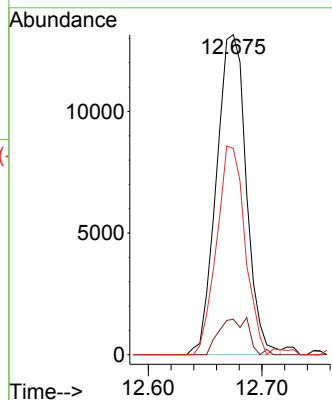
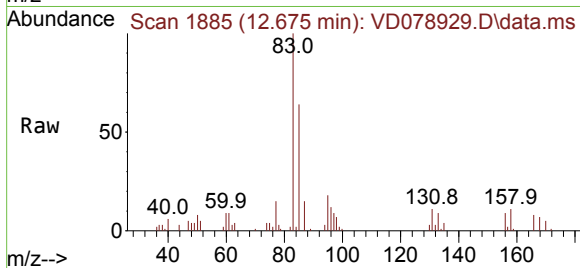
Tgt Ion: 83 Resp: 24011

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

85 62.5 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 39.655 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.005 min

Lab File: VD078929.D

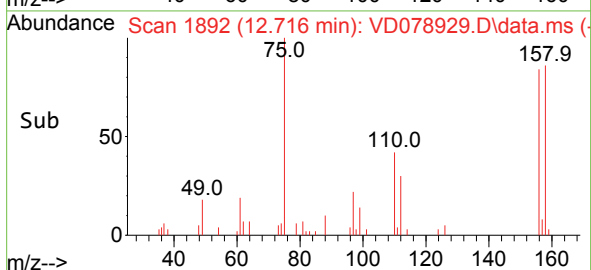
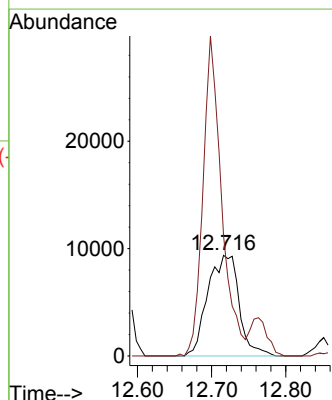
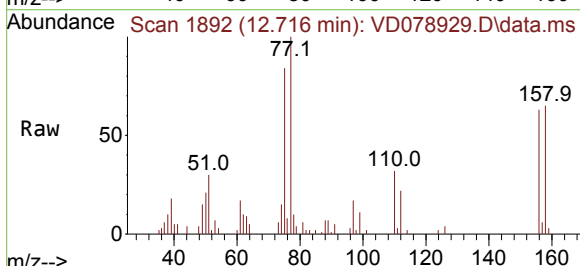
Acq: 15 May 2024 13:29

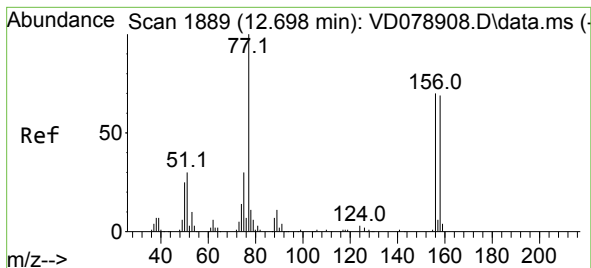
Tgt Ion: 75 Resp: 27584

Ion Ratio Lower Upper

75 100

77 190.2 0.0 0.0#





#77

Bromobenzene

Concen: 21.093 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

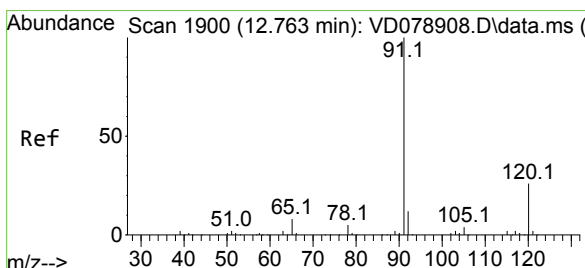
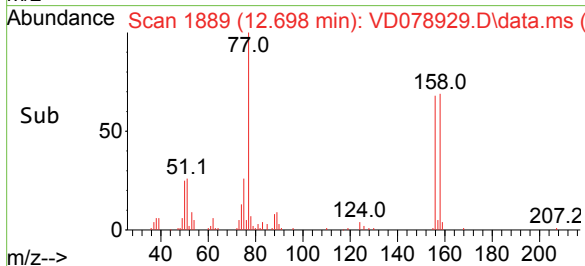
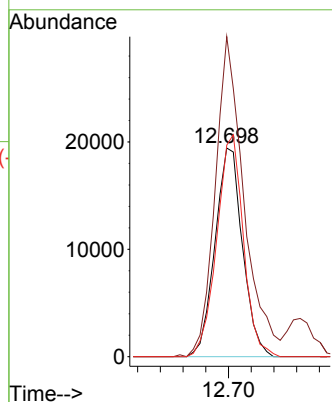
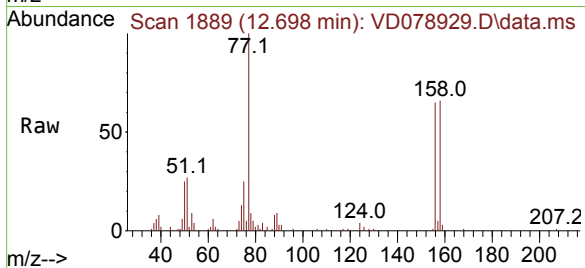
Tgt Ion:156 Resp: 32711

Ion Ratio Lower Upper

156 100

77 160.4 77.3 231.9

158 102.6 49.6 149.0



#78

n-propylbenzene

Concen: 22.502 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078929.D

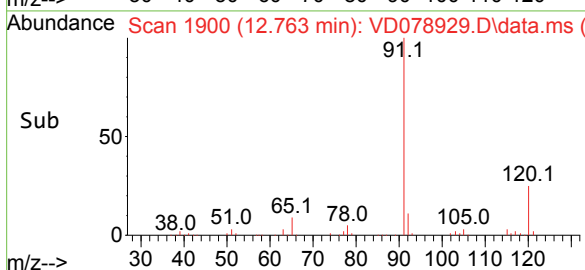
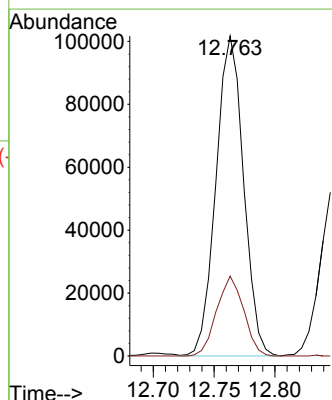
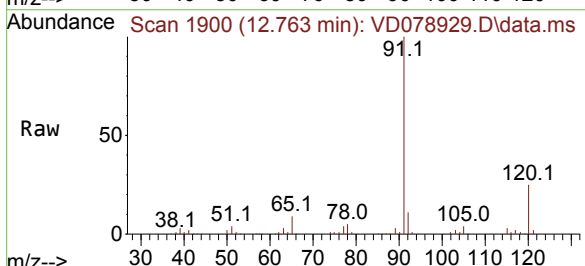
Acq: 15 May 2024 13:29

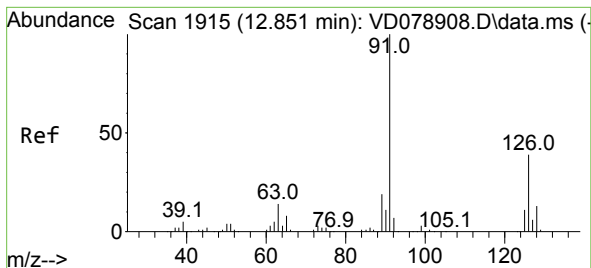
Tgt Ion: 91 Resp: 160390

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 21.922 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.005 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

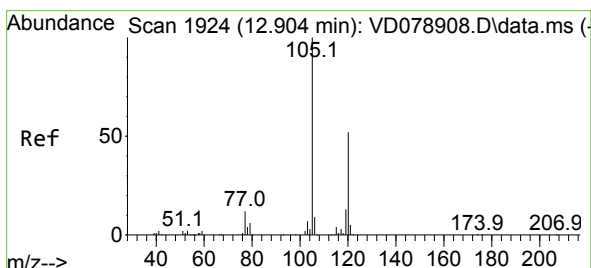
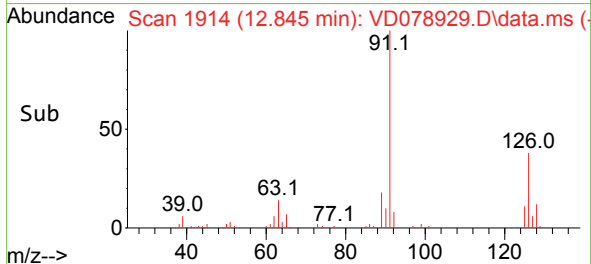
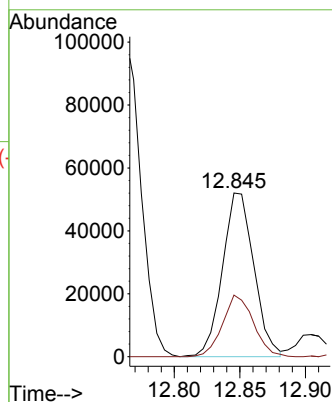
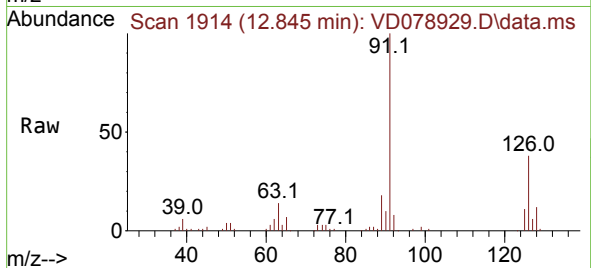
VD0515SBSD01

Tgt Ion: 91 Resp: 86850

Ion Ratio Lower Upper

91 100

126 36.9 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 22.195 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078929.D

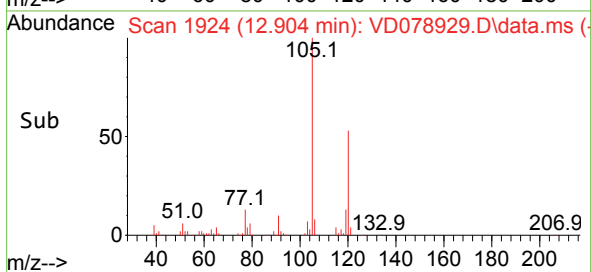
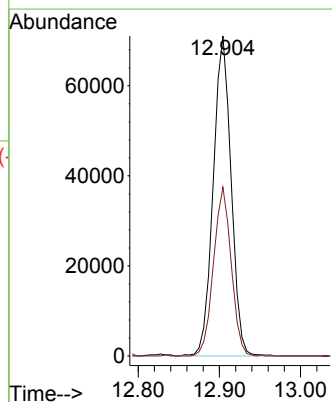
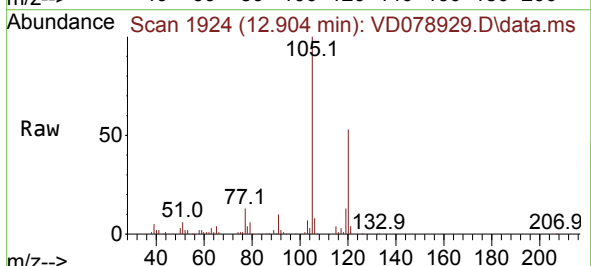
Acq: 15 May 2024 13:29

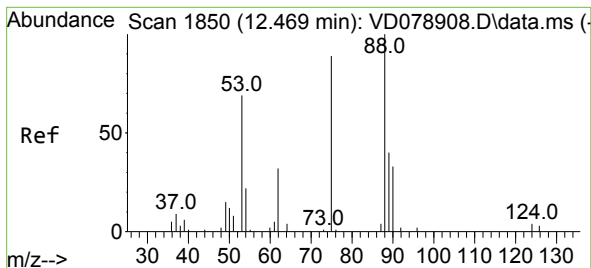
Tgt Ion:105 Resp: 108748

Ion Ratio Lower Upper

105 100

120 52.2 25.7 77.1

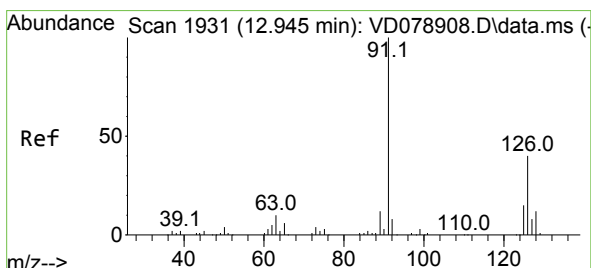
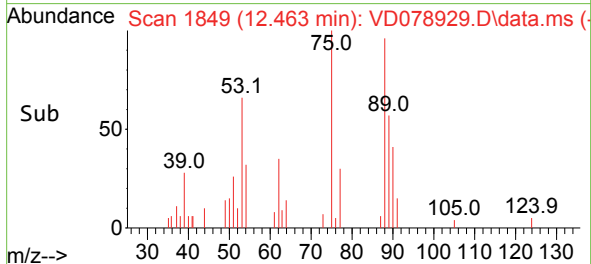
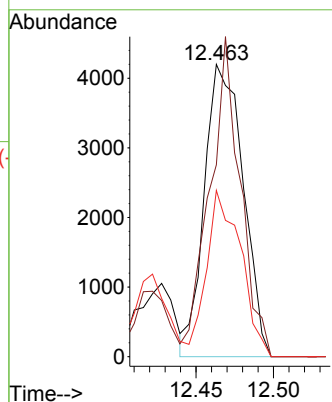
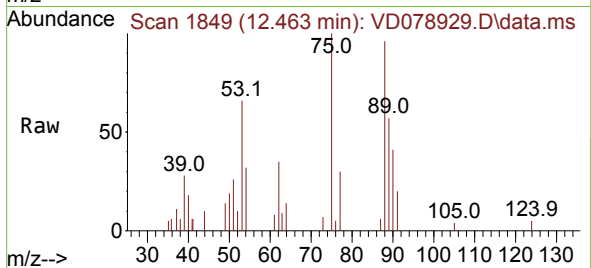




#81
trans-1,4-Dichloro-2-butene
Concen: 20.760 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.005 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

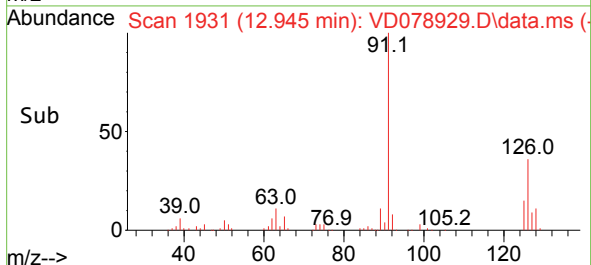
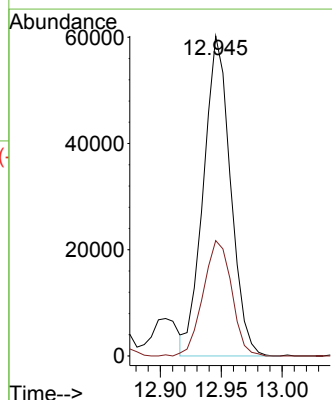
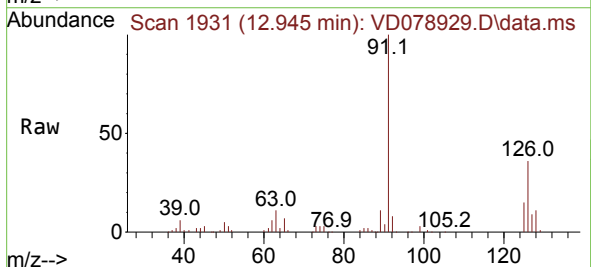
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

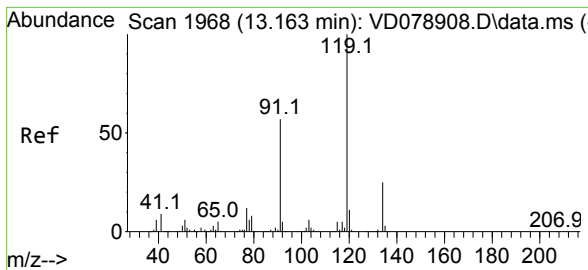
Tgt Ion: 75 Resp: 7282
Ion Ratio Lower Upper
75 100
53 86.5 61.4 92.2
89 49.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 22.451 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 91 Resp: 93310
Ion Ratio Lower Upper
91 100
126 37.9 18.9 56.9





#83

tert-Butylbenzene

Concen: 21.916 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

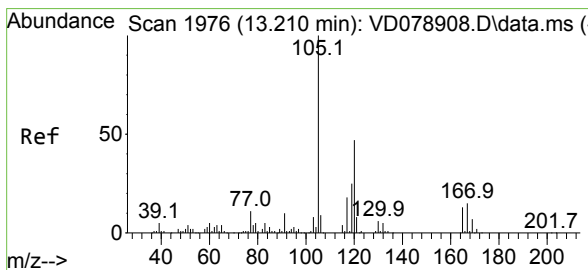
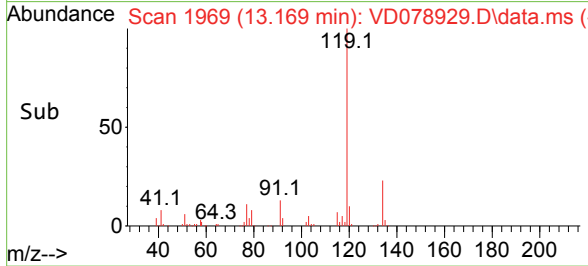
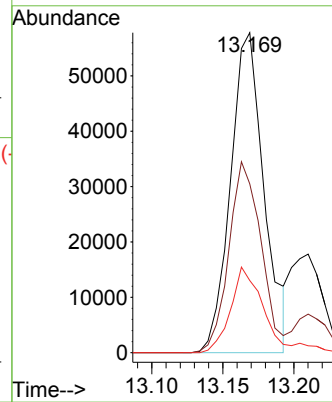
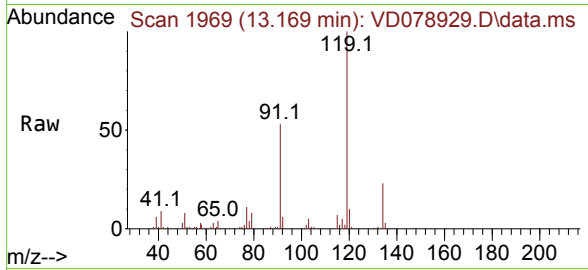
Tgt Ion:119 Resp: 94964

Ion Ratio Lower Upper

119 100

91 57.3 28.2 84.7

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.672 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078929.D

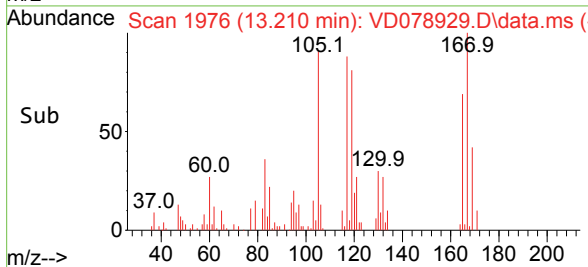
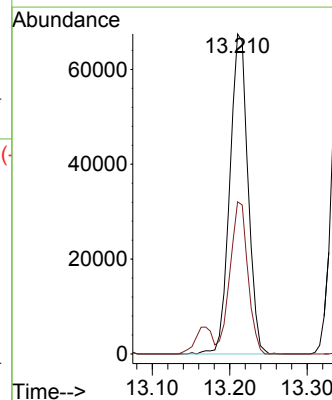
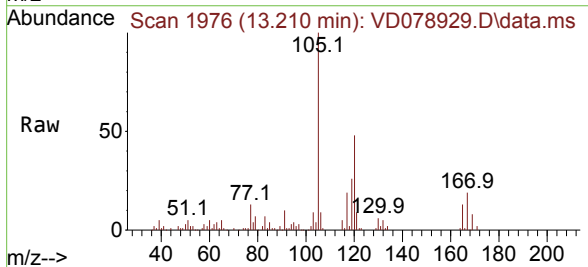
Acq: 15 May 2024 13:29

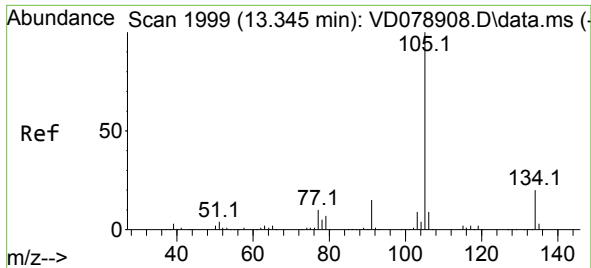
Tgt Ion:105 Resp: 109986

Ion Ratio Lower Upper

105 100

120 46.7 23.6 71.0

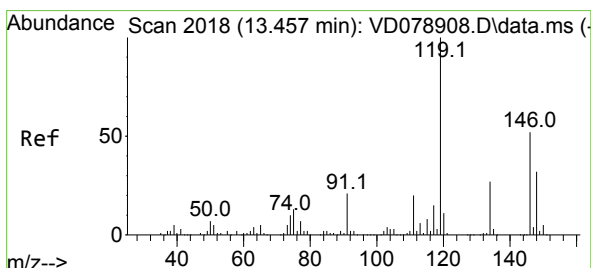
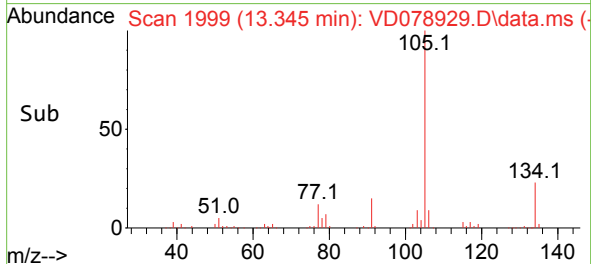
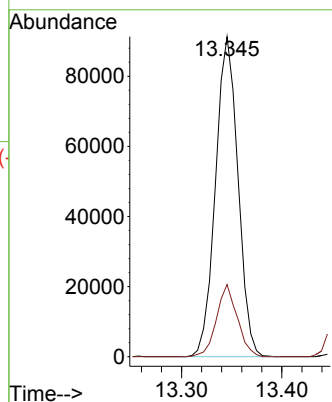
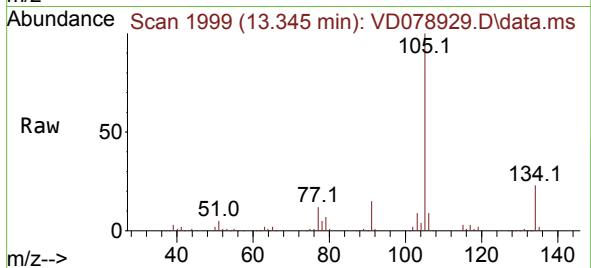




#85
 sec-Butylbenzene
 Concen: 21.953 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

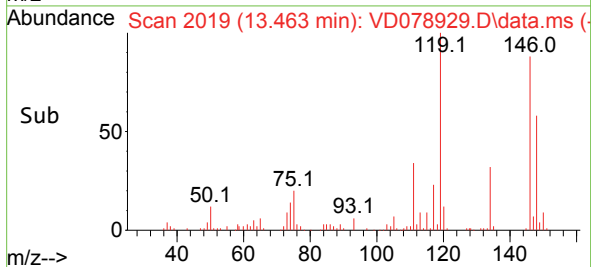
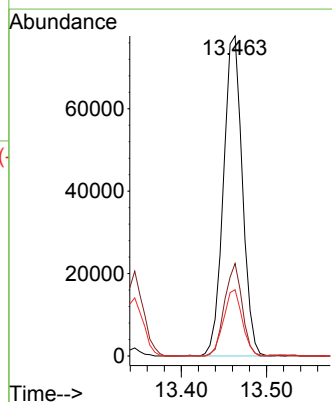
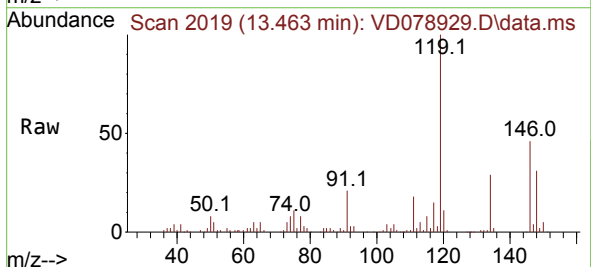
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

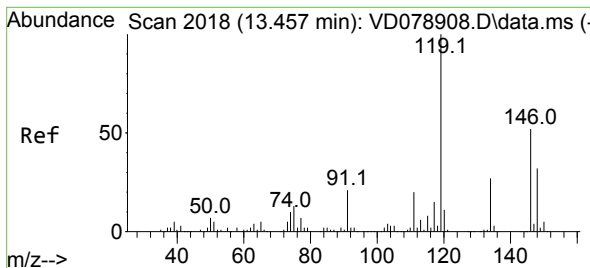
Tgt Ion:105 Resp: 141900
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.320 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion:119 Resp: 120063
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.7 41.1
 91 20.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

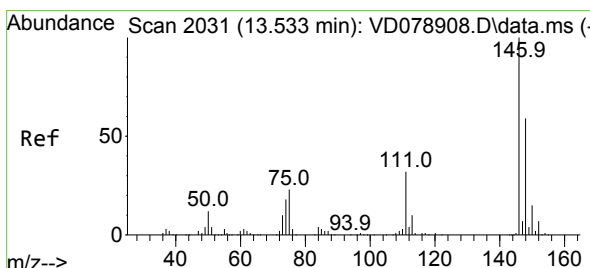
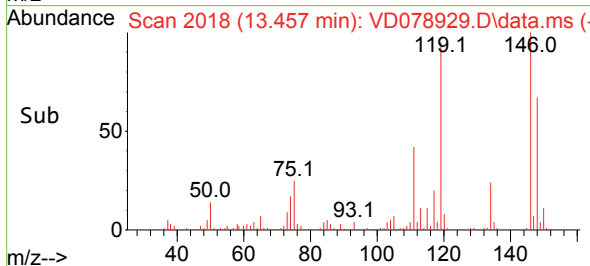
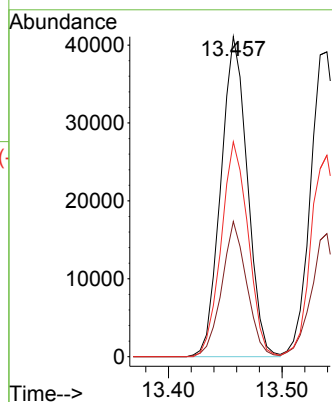
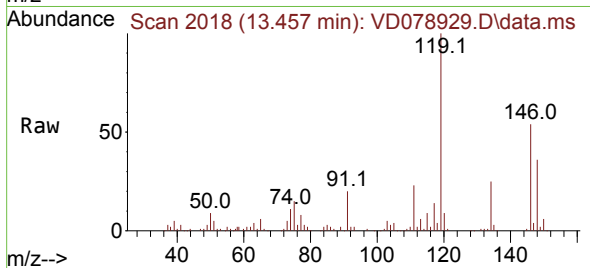
Tgt Ion:146 Resp: 66733

Ion Ratio Lower Upper

146 100

111 39.9 18.5 55.5

148 68.0 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 21.050 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

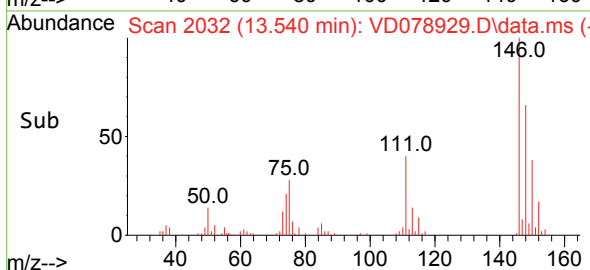
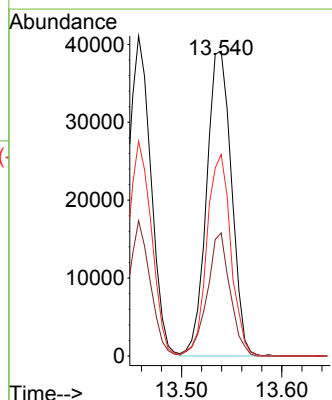
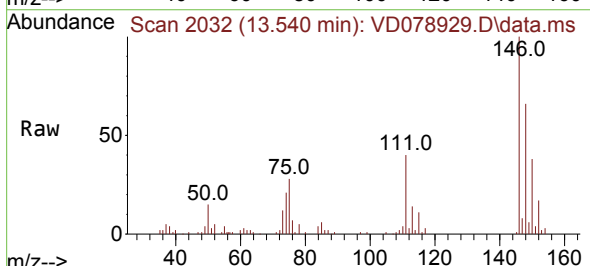
Tgt Ion:146 Resp: 67651

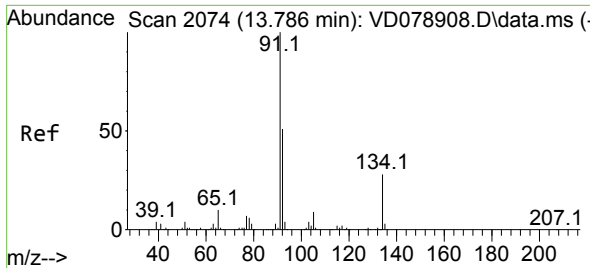
Ion Ratio Lower Upper

146 100

111 37.2 17.5 52.6

148 63.7 31.4 94.2

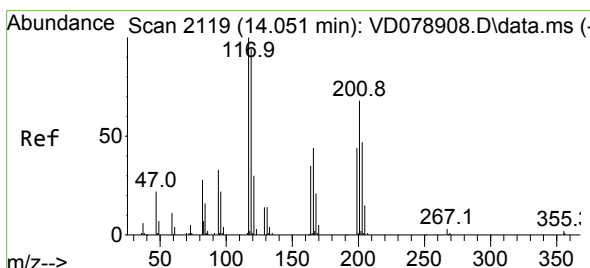
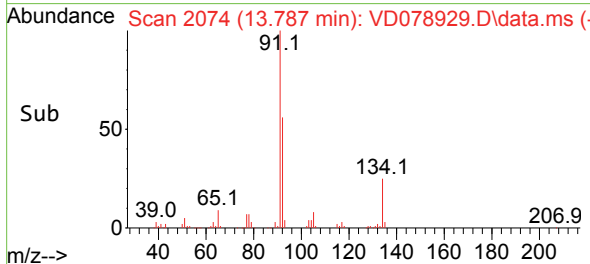
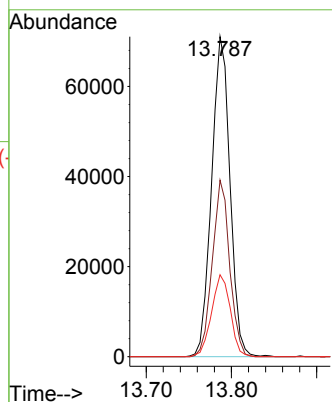
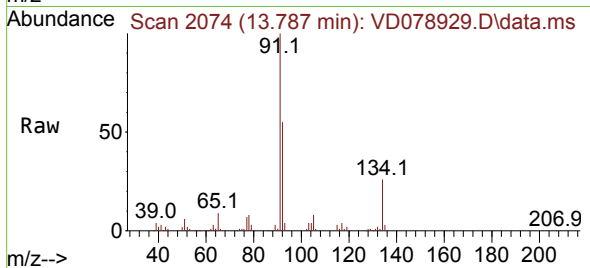




#89
n-Butylbenzene
Concen: 21.104 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

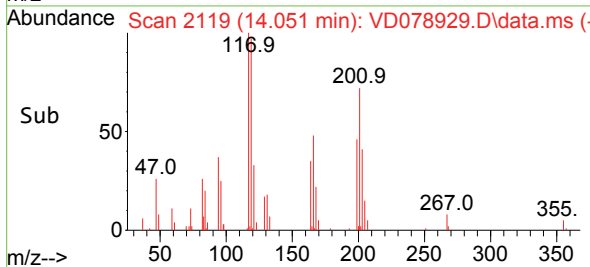
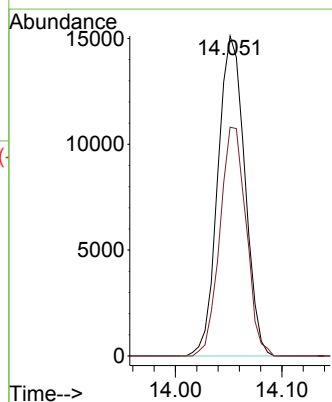
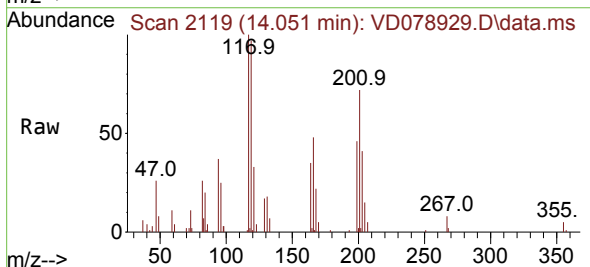
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

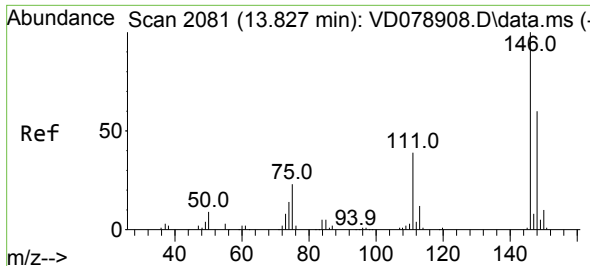
Tgt Ion: 91 Resp: 106497
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.0
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 22.309 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 117 Resp: 26500
Ion Ratio Lower Upper
117 100
201 70.0 36.3 108.9

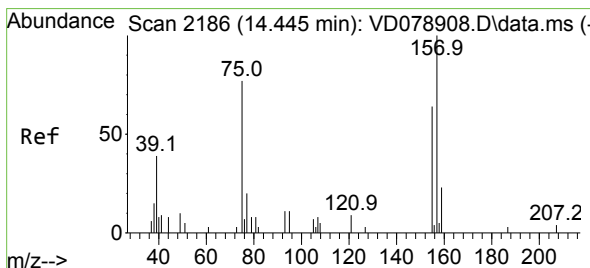
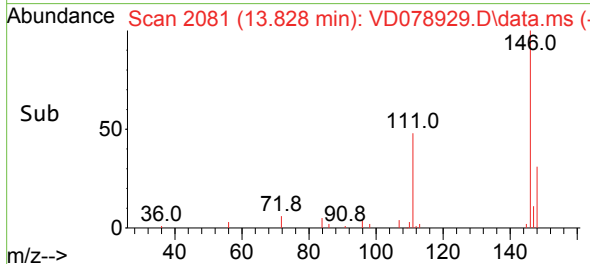
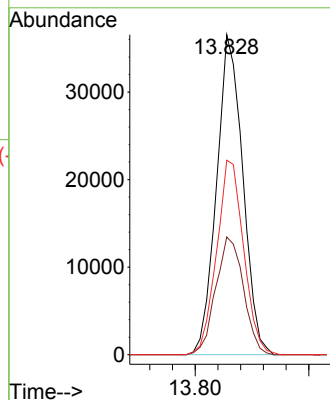
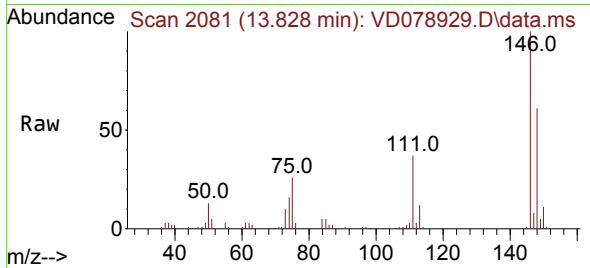




#91
1,2-Dichlorobenzene
Concen: 21.330 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

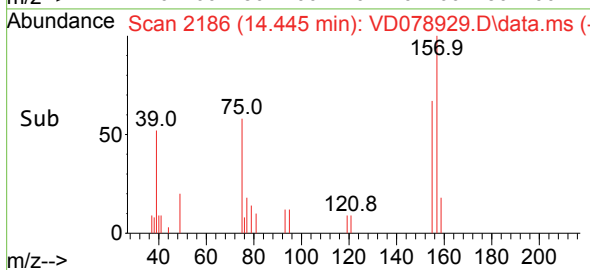
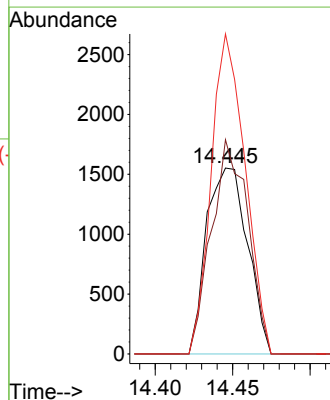
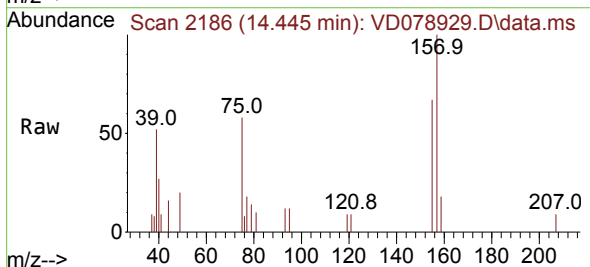
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBSD01

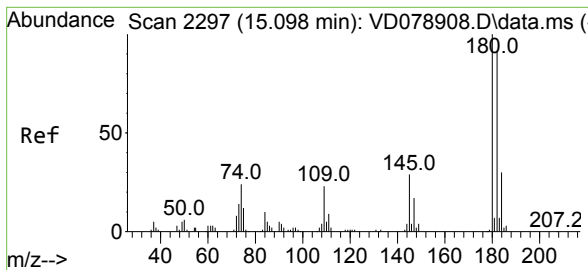
Tgt Ion:146 Resp: 58568
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 62.7 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.174 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078929.D
Acq: 15 May 2024 13:29

Tgt Ion: 75 Resp: 2857
Ion Ratio Lower Upper
75 100
155 102.3 47.7 143.1
157 142.7 63.4 190.2

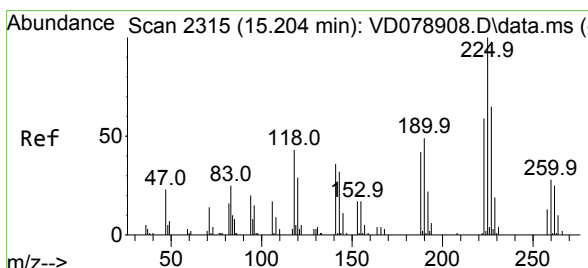
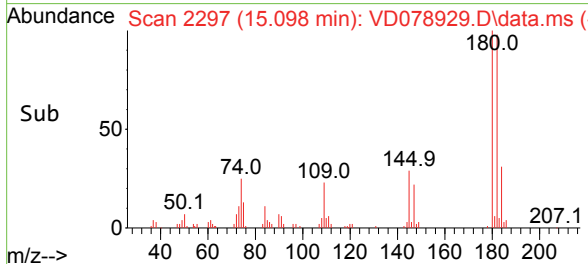
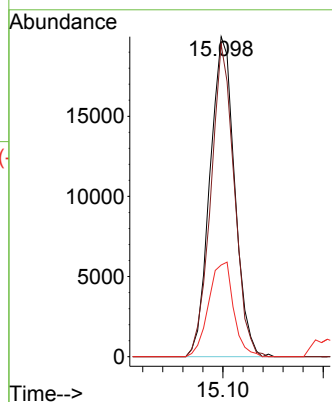
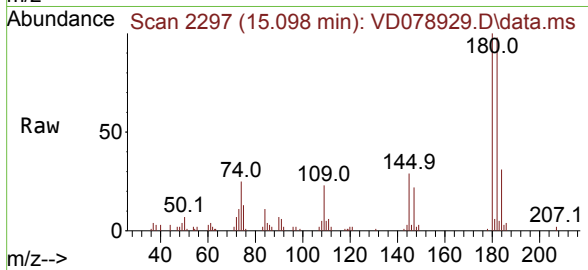




#93
 1,2,4-Trichlorobenzene
 Concen: 21.172 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

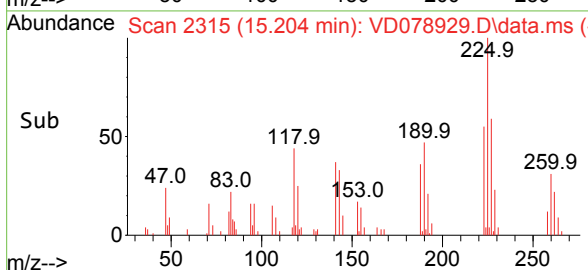
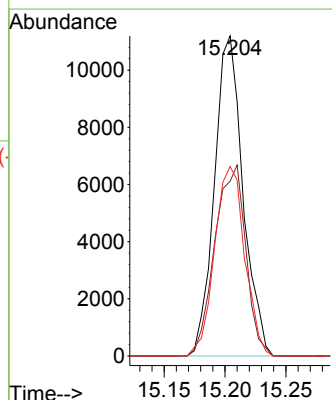
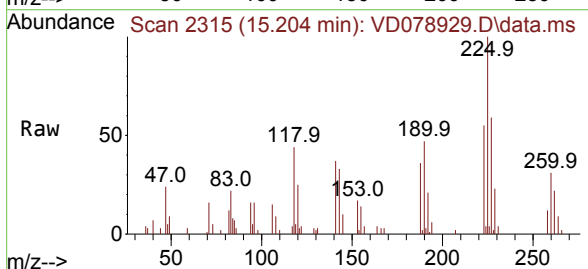
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBSD01

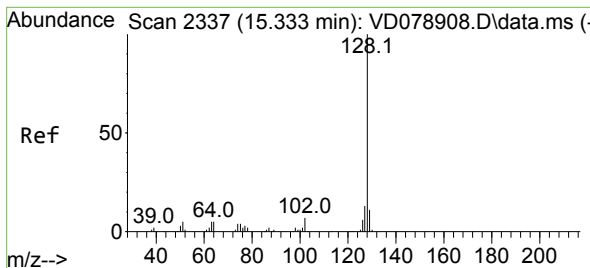
Tgt Ion:180 Resp: 34133
 Ion Ratio Lower Upper
 180 100
 182 92.5 46.9 140.7
 145 29.8 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 21.698 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078929.D
 Acq: 15 May 2024 13:29

Tgt Ion:225 Resp: 18281
 Ion Ratio Lower Upper
 225 100
 223 64.2 33.3 99.9
 227 62.4 33.6 100.6





#95

Naphthalene

Concen: 20.211 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBSD01

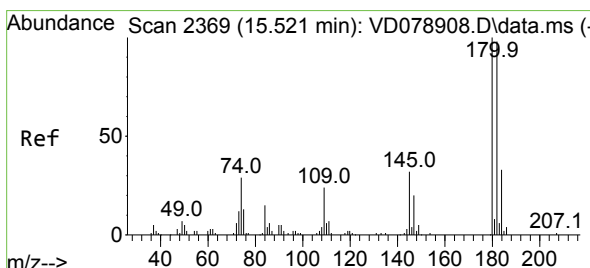
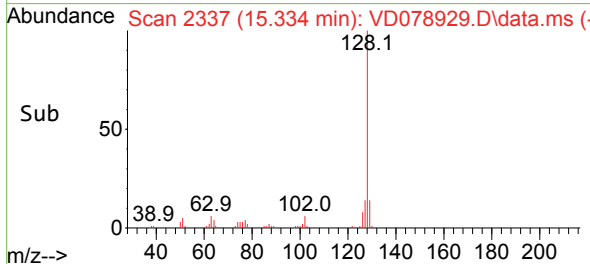
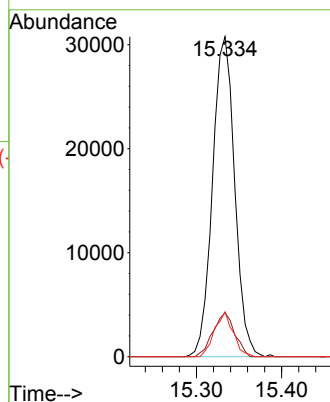
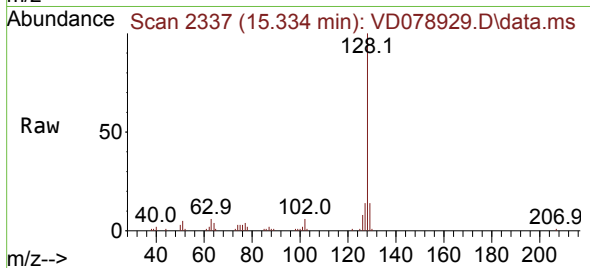
Tgt Ion:128 Resp: 55504

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 14.0 8.5 12.7#



#96

1,2,3-Trichlorobenzene

Concen: 19.905 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078929.D

Acq: 15 May 2024 13:29

Tgt Ion:180 Resp: 28547

Ion Ratio Lower Upper

180 100

182 98.8 47.8 143.3

145 29.5 16.1 48.2

