

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078928.D
 Acq On : 15 May 2024 13:02
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 16 01:23:48 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	122721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60195	52.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.580%	
35) Dibromofluoromethane	7.804	113	67517	50.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.660%	
50) Toluene-d8	10.269	98	264021	52.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.569	95	73029	51.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	25055	21.849	ug/l	92
3) Chloromethane	2.152	50	35078	21.010	ug/l	96
4) Vinyl Chloride	2.287	62	58750	23.578	ug/l	98
5) Bromomethane	2.687	94	53627	22.792	ug/l	93
6) Chloroethane	2.840	64	46041	20.975	ug/l	93
7) Trichlorofluoromethane	3.175	101	46261	19.248	ug/l	88
8) Diethyl Ether	3.593	74	12042	21.629	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	27744	21.860	ug/l	97
10) Methyl Iodide	4.163	142	30806	20.317	ug/l	96
11) Tert butyl alcohol	5.057	59	5429	107.889	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	26192	21.083	ug/l	99
13) Acrolein	3.793	56	10956	95.609	ug/l	97
14) Allyl chloride	4.563	41	23803	19.636	ug/l	91
15) Acrylonitrile	5.257	53	24332	109.353	ug/l	91
16) Acetone	4.016	43	16412	89.418	ug/l	92
17) Carbon Disulfide	4.269	76	87786	23.301	ug/l	100
18) Methyl Acetate	4.558	43	9103	21.540	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	48647	20.097	ug/l #	86
20) Methylene Chloride	4.805	84	35641	21.023	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	28934	20.896	ug/l	89
22) Diisopropyl ether	6.210	45	57444	20.951	ug/l #	89
23) Vinyl Acetate	6.157	43	166795	101.426	ug/l	99
24) 1,1-Dichloroethane	6.122	63	44472	20.461	ug/l	99
25) 2-Butanone	7.081	43	24359	99.230	ug/l	99
26) 2,2-Dichloropropane	7.069	77	39582	20.723	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	32584	20.040	ug/l	96
28) Bromochloromethane	7.428	49	15065	20.783	ug/l	94
29) Tetrahydrofuran	7.440	42	14812	104.320	ug/l	97
30) Chloroform	7.599	83	51006	20.719	ug/l	100
31) Cyclohexane	7.875	56	35070	20.853	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	45097	21.391	ug/l	98
36) 1,1-Dichloropropene	8.004	75	34950	20.936	ug/l	99
37) Ethyl Acetate	7.169	43	10377	18.240	ug/l #	93
38) Carbon Tetrachloride	7.987	117	40862	20.916	ug/l	94
39) Methylcyclohexane	9.275	83	41502	20.461	ug/l	96
40) Benzene	8.251	78	112258	20.791	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5559	18.160	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	26968	20.635	ug/l	96
43) Isopropyl Acetate	8.357	43	19960	19.773	ug/l #	85
44) Trichloroethene	9.028	130	28732	20.063	ug/l	87
45) 1,2-Dichloropropane	9.310	63	24592	20.727	ug/l	98
46) Dibromomethane	9.393	93	15759	20.176	ug/l	96
47) Bromodichloromethane	9.587	83	39180	20.838	ug/l	96
48) Methyl methacrylate	9.375	41	10094	20.541	ug/l	92
49) 1,4-Dioxane	9.381	88	2937	427.469	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	54414	101.204	ug/l	99
52) Toluene	10.334	92	72712	21.038	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	31648	19.809	ug/l #	88
54) cis-1,3-Dichloropropene	10.016	75	39747	20.727	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	20270	20.087	ug/l	96
56) Ethyl methacrylate	10.598	69	20204	19.460	ug/l #	95
57) 1,3-Dichloropropane	10.881	76	32448	20.650	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	42119	94.417	ug/l	99
59) 2-Hexanone	10.922	43	37701	100.740	ug/l	99
60) Dibromochloromethane	11.075	129	27382	19.905	ug/l	96
61) 1,2-Dibromoethane	11.181	107	18926	20.570	ug/l	94
64) Tetrachloroethene	10.810	164	24978	20.653	ug/l	91
65) Chlorobenzene	11.604	112	81354	20.518	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	27687	20.198	ug/l	98
67) Ethyl Benzene	11.681	91	127312	19.962	ug/l	98
68) m/p-Xylenes	11.792	106	105184	40.566	ug/l	96
69) o-Xylene	12.122	106	46836	19.813	ug/l	93
70) Styrene	12.134	104	85204	20.338	ug/l	99
71) Bromoform	12.298	173	15468	19.699	ug/l #	99
73) Isopropylbenzene	12.422	105	123361	21.181	ug/l	100
74) N-amyl acetate	12.234	43	19489	20.623	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	22917	21.814	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	26467	38.526	ug/l #	100
77) Bromobenzene	12.698	156	31094	20.302	ug/l	98
78) n-propylbenzene	12.763	91	150264	21.346	ug/l	98
79) 2-Chlorotoluene	12.851	91	81089	20.725	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	101787	21.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7394	21.343	ug/l	94
82) 4-Chlorotoluene	12.945	91	88529	21.567	ug/l	99
83) tert-Butylbenzene	13.163	119	89655	20.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	103902	20.730	ug/l	99
85) sec-Butylbenzene	13.345	105	136191	21.334	ug/l	98
86) p-Isopropyltoluene	13.463	119	113024	20.322	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62929	19.417	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	65280	20.567	ug/l	99
89) n-Butylbenzene	13.786	91	100944	20.255	ug/l	99
90) Hexachloroethane	14.051	117	23597	20.114	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	57303	21.131	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2922	20.892	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	31970	20.079	ug/l	98
94) Hexachlorobutadiene	15.204	225	16887	20.295	ug/l	93
95) Naphthalene	15.333	128	53944	19.890	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	26292	18.563	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

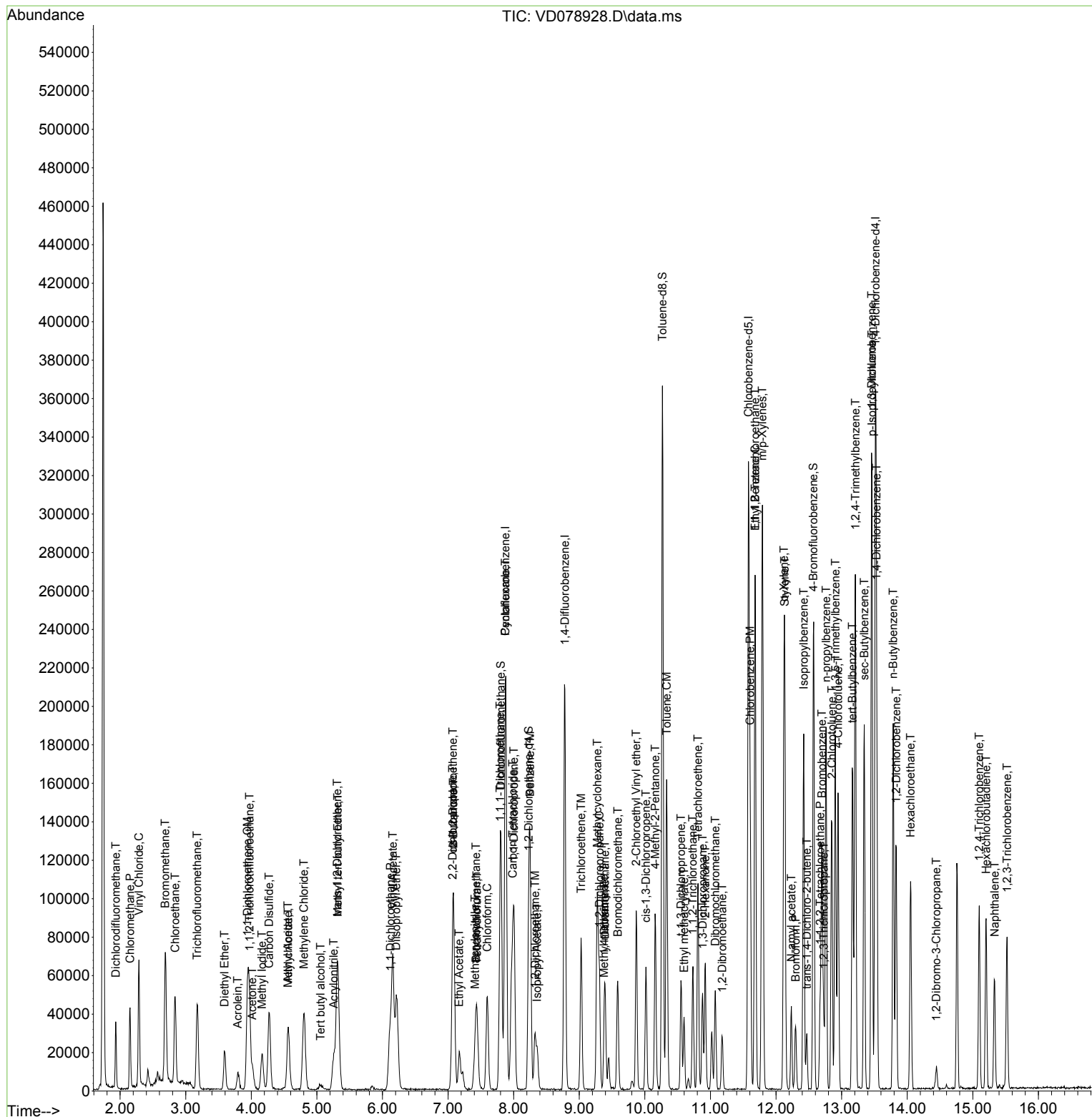
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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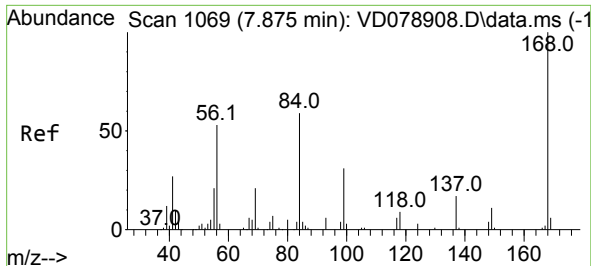
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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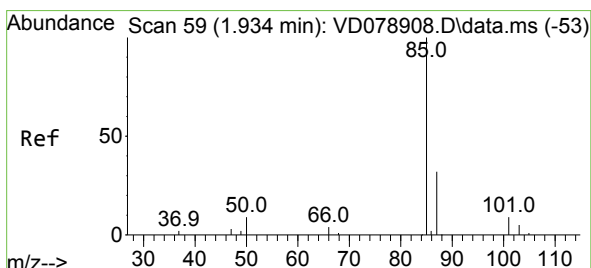
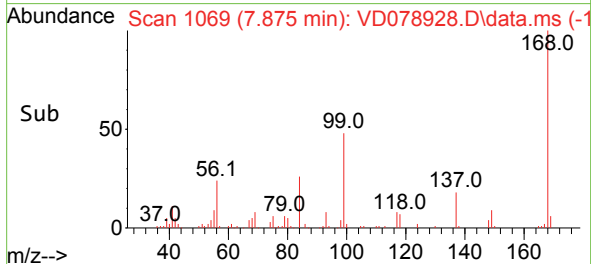
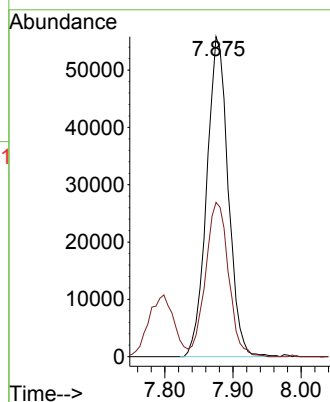
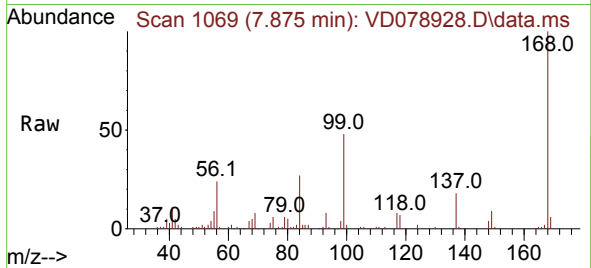




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078928.D
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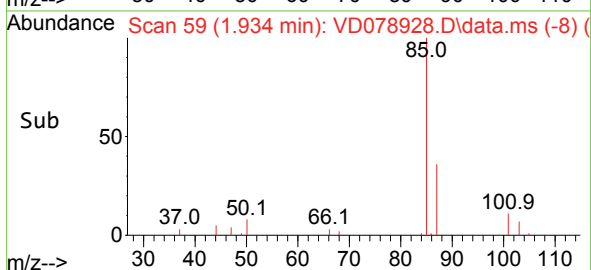
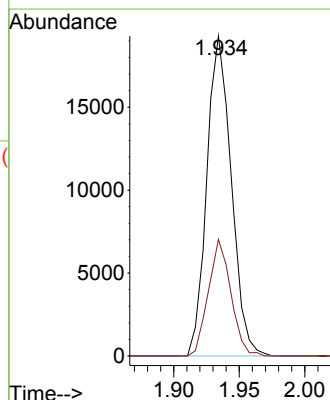
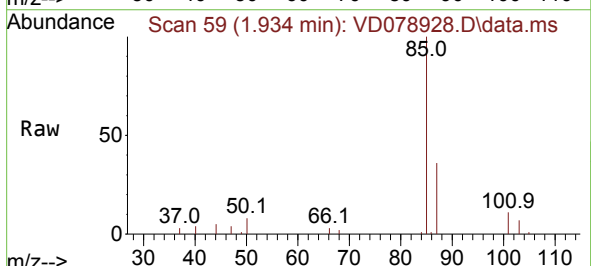
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

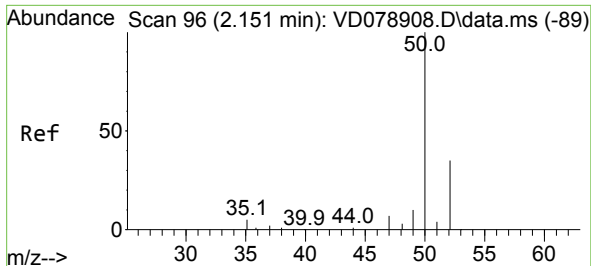
Tgt Ion:168 Resp: 122721
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 21.849 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

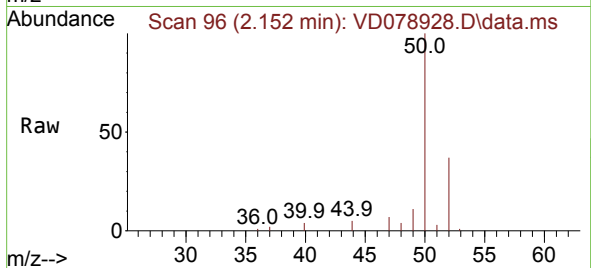
Tgt Ion: 85 Resp: 25055
Ion Ratio Lower Upper
85 100
87 36.4 16.0 48.0



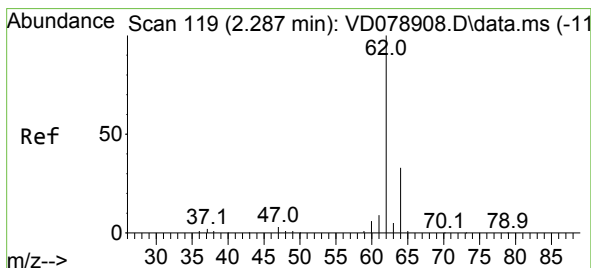
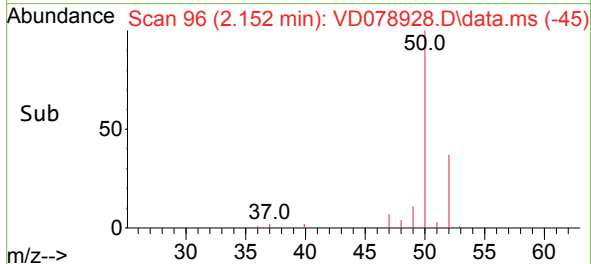
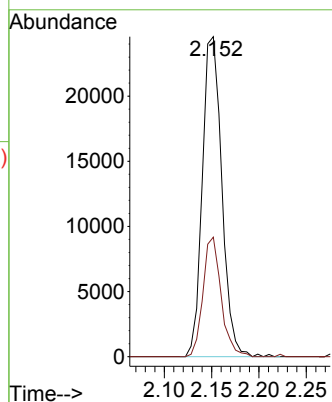


#3
Chloromethane
Concen: 21.010 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

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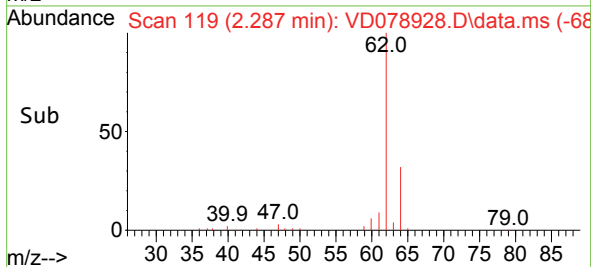
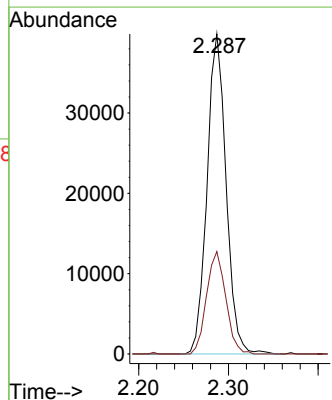
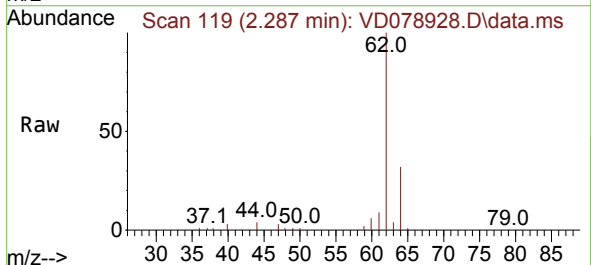


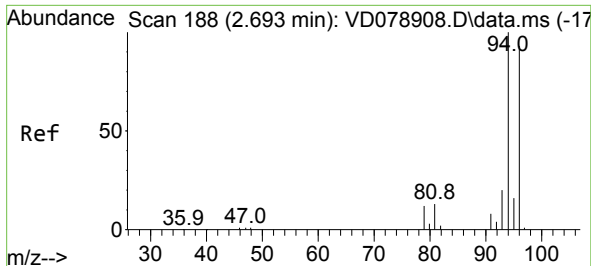
Tgt Ion: 50 Resp: 35078
Ion Ratio Lower Upper
50 100
52 37.3 28.2 42.2



#4
Vinyl Chloride
Concen: 23.578 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 62 Resp: 58750
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5

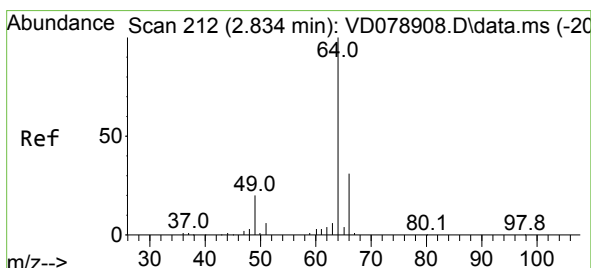
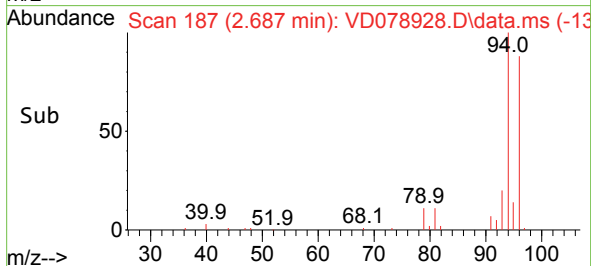
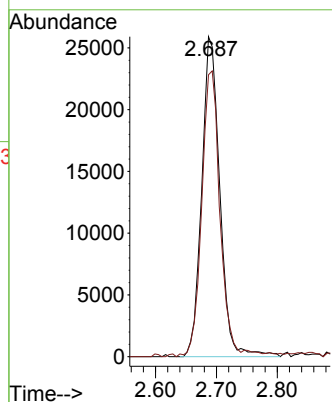
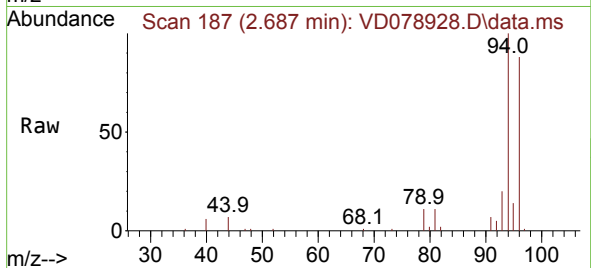




#5
Bromomethane
Concen: 22.792 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078928.D
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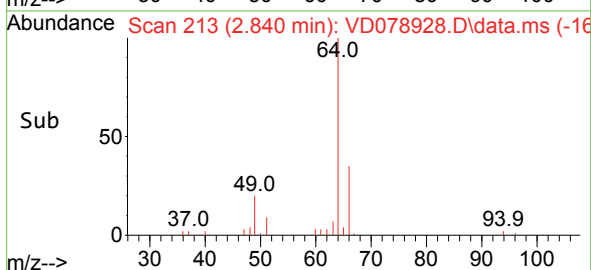
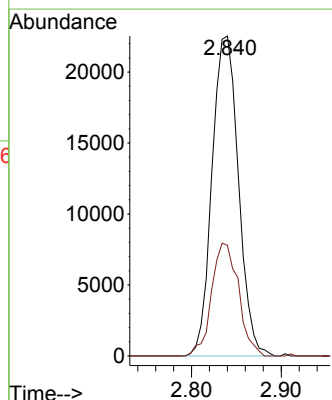
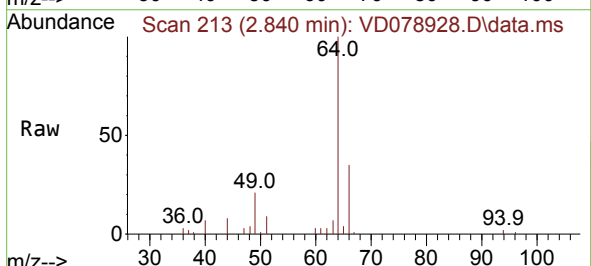
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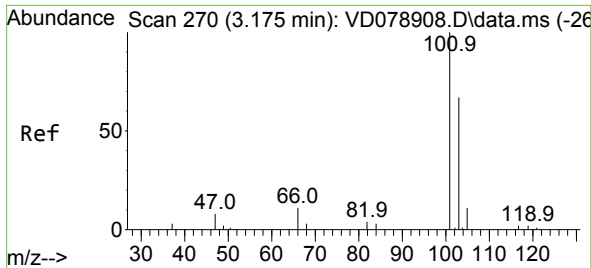
Tgt Ion: 94 Resp: 53627
Ion Ratio Lower Upper
94 100
96 89.0 76.9 115.3



#6
Chloroethane
Concen: 20.975 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 64 Resp: 46041
Ion Ratio Lower Upper
64 100
66 34.6 24.5 36.7

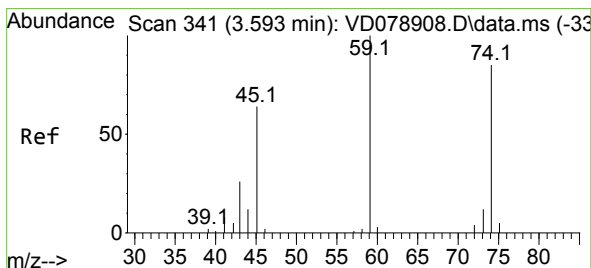
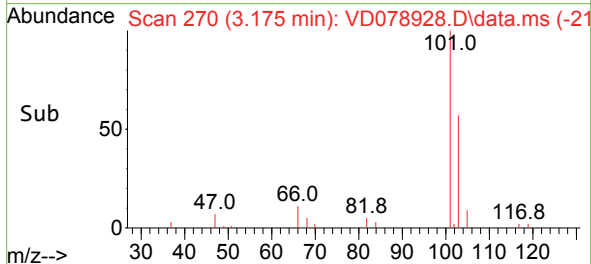
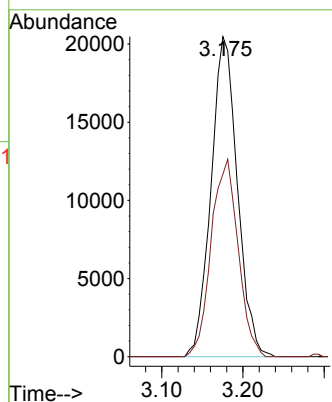
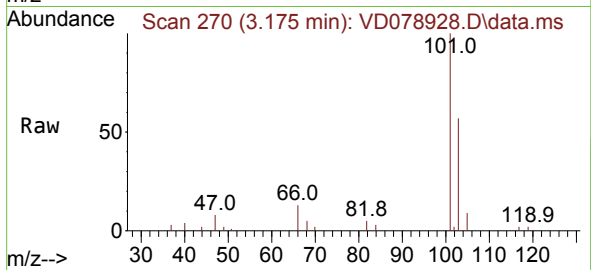




#7
Trichlorofluoromethane
Concen: 19.248 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

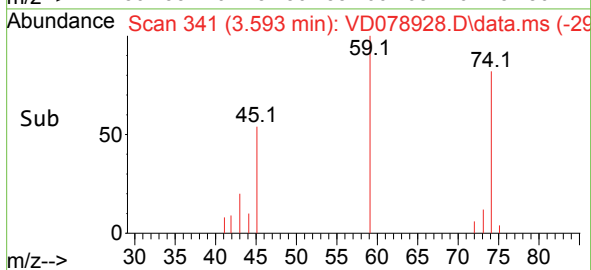
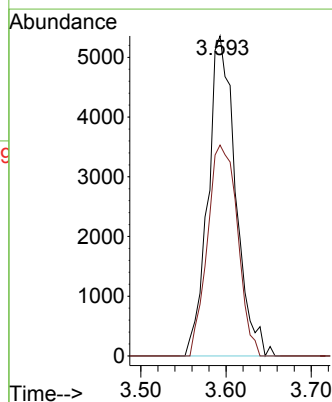
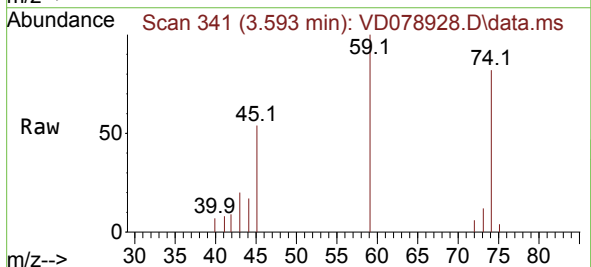
Instrument :
MSVOA_D
ClientSampleId :
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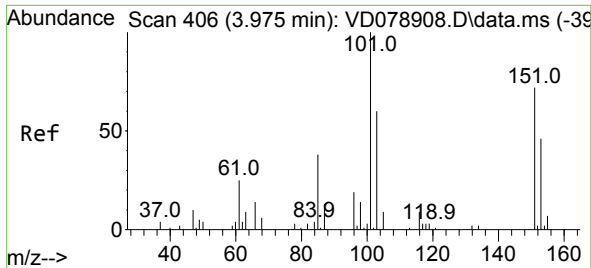
Tgt Ion:101 Resp: 46261
Ion Ratio Lower Upper
101 100
103 57.0 53.2 79.8



#8
Diethyl Ether
Concen: 21.629 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 74 Resp: 12042
Ion Ratio Lower Upper
74 100
45 71.8 37.9 113.6

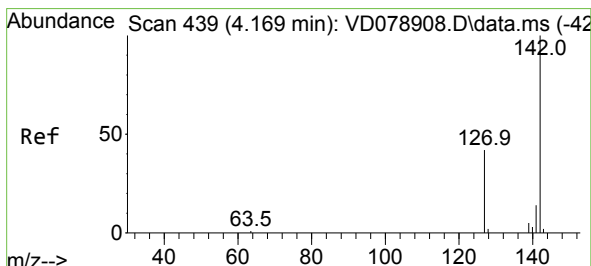
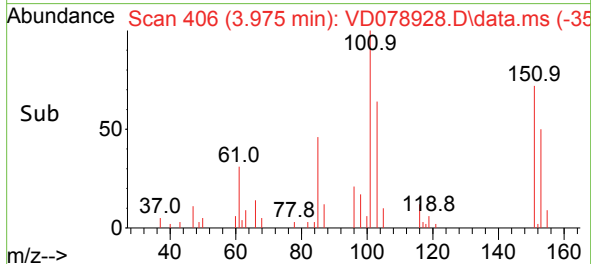
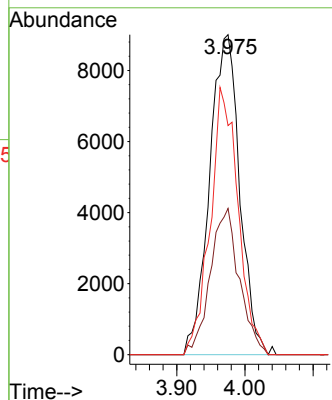
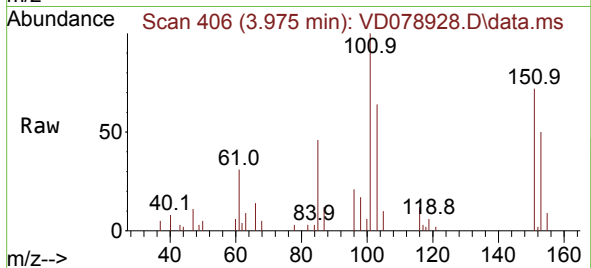




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.860 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

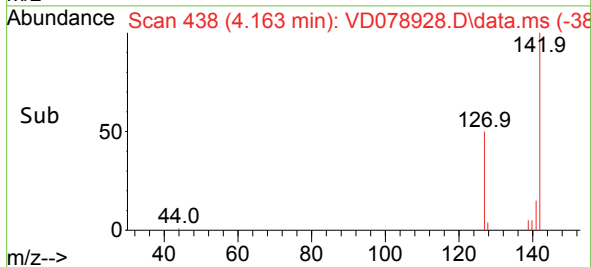
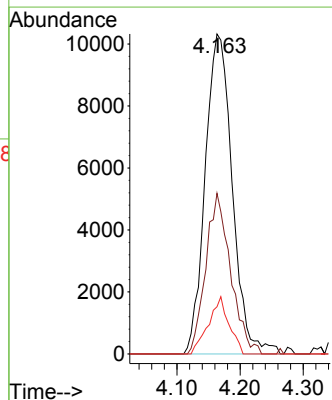
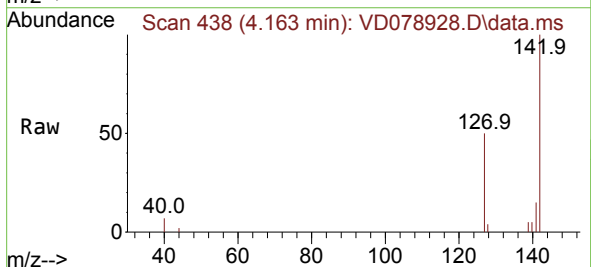
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

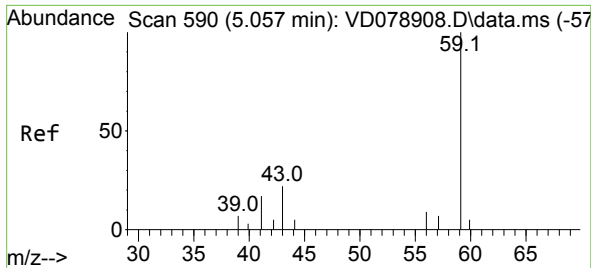
Tgt Ion:101 Resp: 27744
Ion Ratio Lower Upper
101 100
85 44.0 33.5 50.3
151 77.2 60.3 90.5



#10
Methyl Iodide
Concen: 20.317 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:142 Resp: 30806
Ion Ratio Lower Upper
142 100
127 45.8 34.2 51.4
141 13.5 11.7 17.5

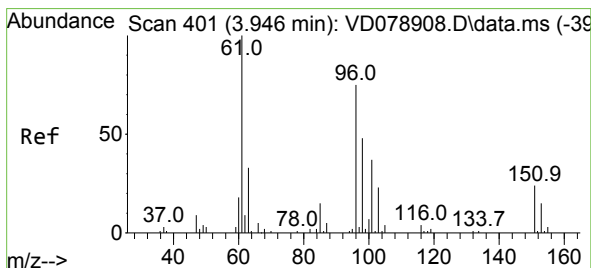
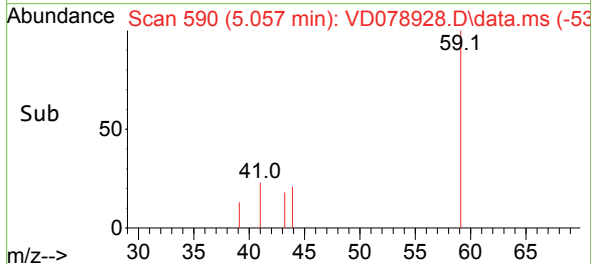
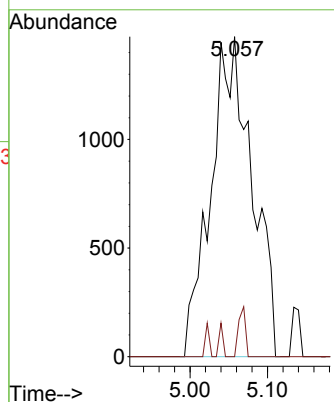
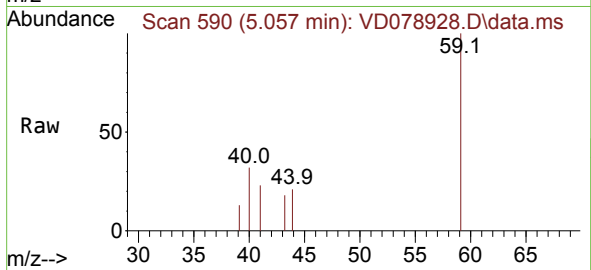




#11
Tert butyl alcohol
Concen: 107.889 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

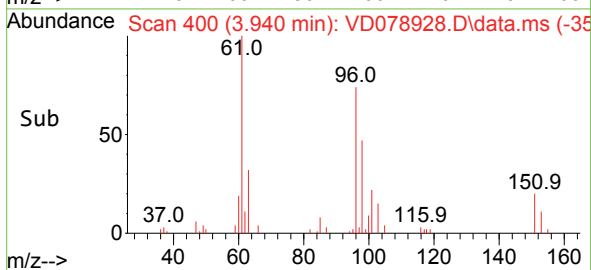
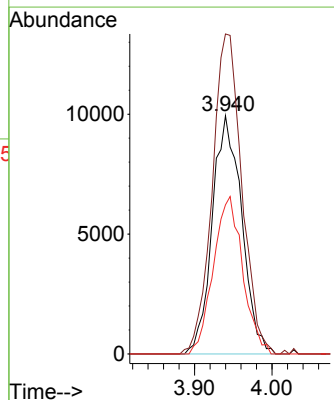
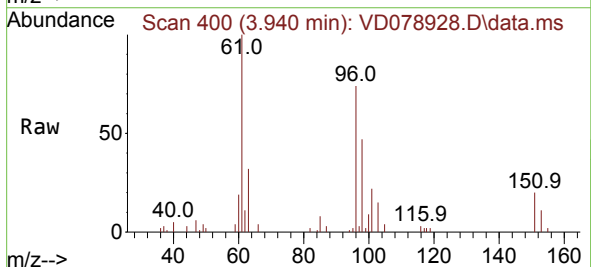
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

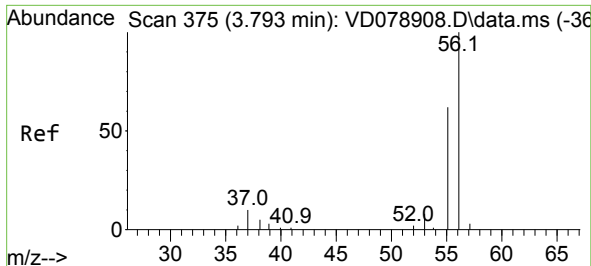
Tgt Ion: 59 Resp: 5429
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 21.083 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 96 Resp: 26192
Ion Ratio Lower Upper
96 100
61 134.3 107.3 160.9
98 62.6 51.7 77.5





#13

Acrolein

Concen: 95.609 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

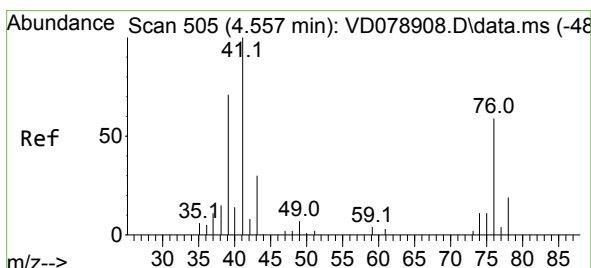
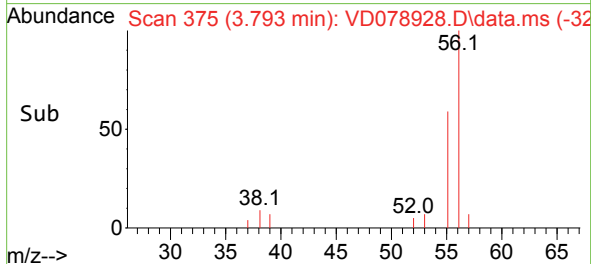
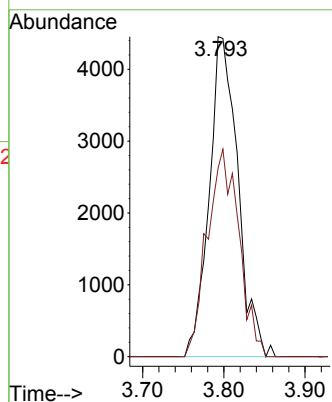
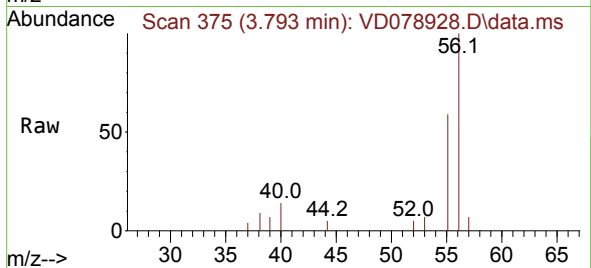
VD0515SBS01

Tgt Ion: 56 Resp: 10956

Ion Ratio Lower Upper

56 100

55 71.5 55.3 82.9



#14

Allyl chloride

Concen: 19.636 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

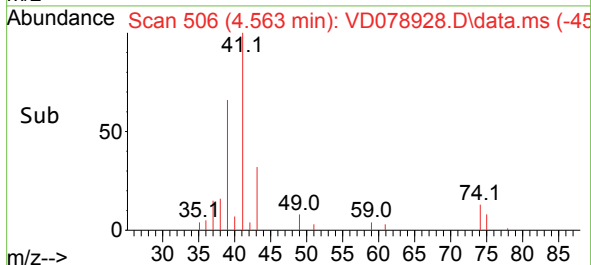
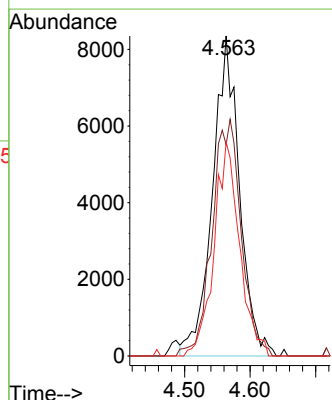
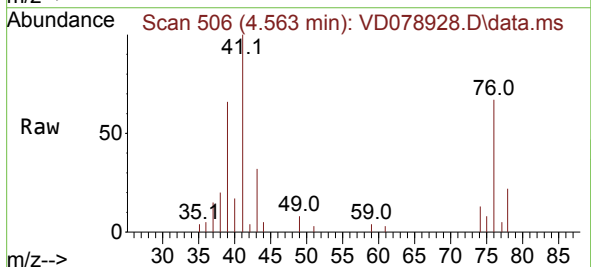
Tgt Ion: 41 Resp: 23803

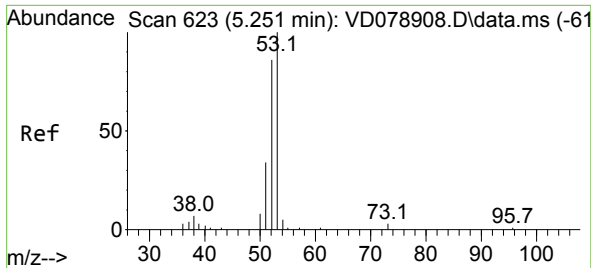
Ion Ratio Lower Upper

41 100

39 79.9 58.0 87.0

76 63.4 45.9 68.9

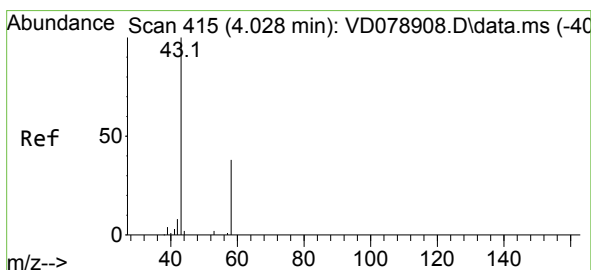
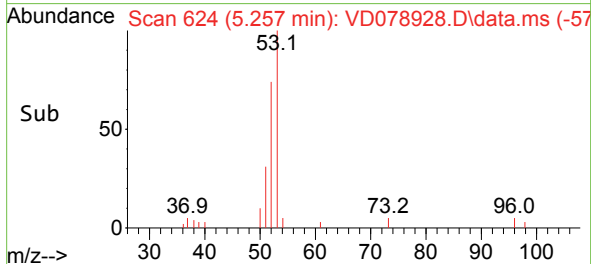
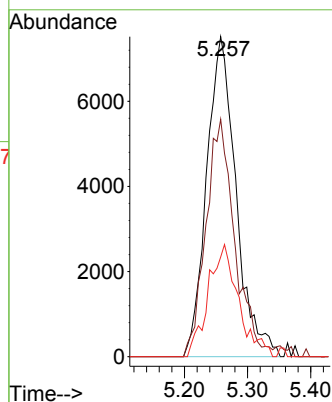
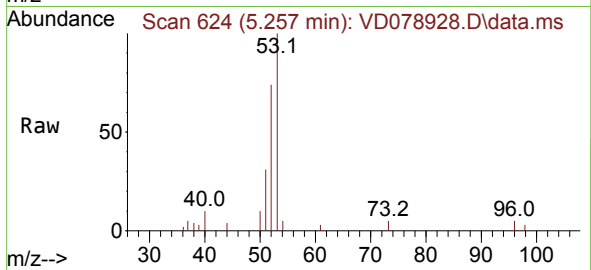




#15
Acrylonitrile
Concen: 109.353 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

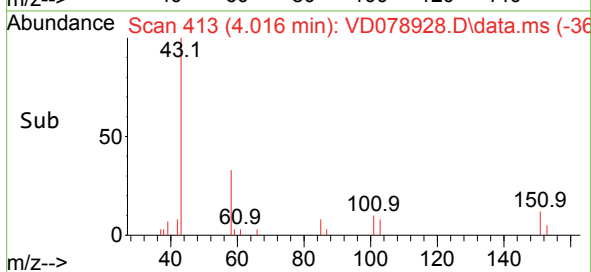
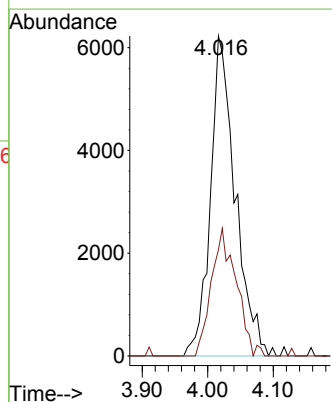
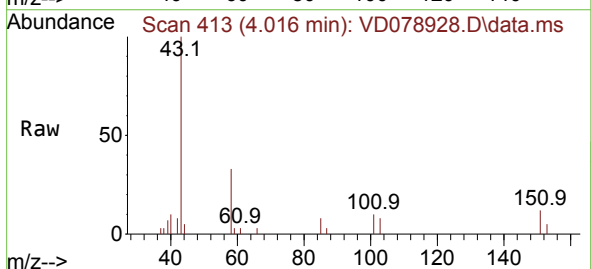
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

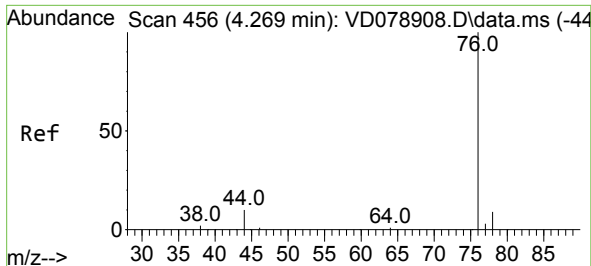
Tgt Ion:	53	Resp:	24332
Ion	Ratio	Lower	Upper
53	100		
52	72.9	67.7	101.5
51	36.0	28.6	42.8



#16
Acetone
Concen: 89.418 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.011 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:	43	Resp:	16412
Ion	Ratio	Lower	Upper
43	100		
58	33.1	30.4	45.6

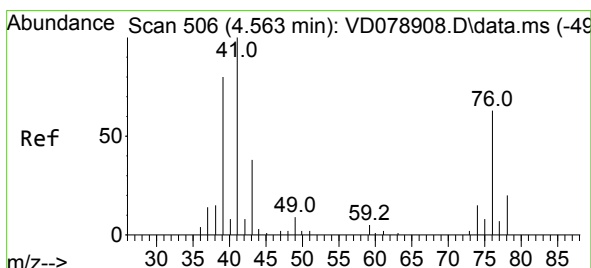
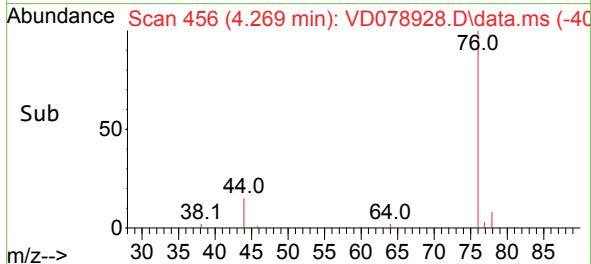
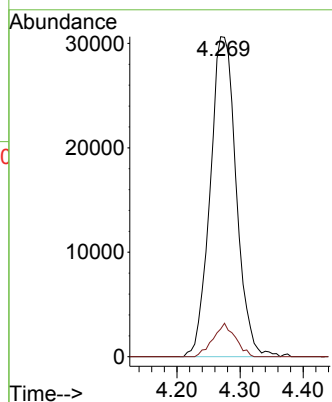
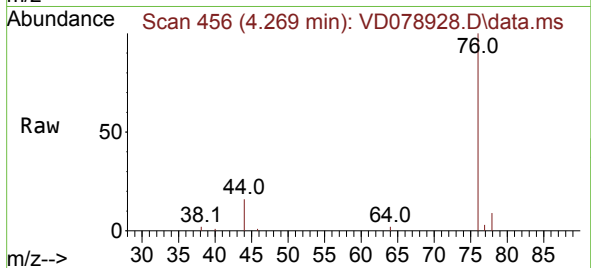




#17
Carbon Disulfide
Concen: 23.301 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

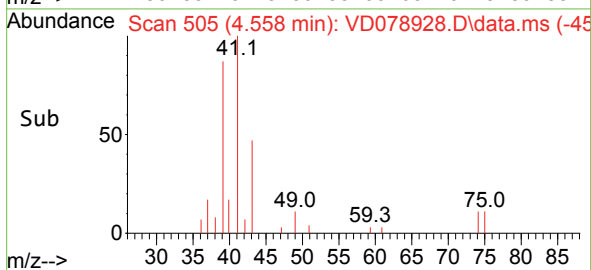
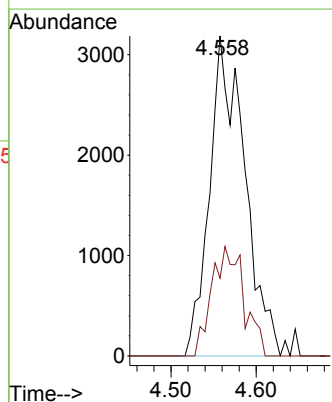
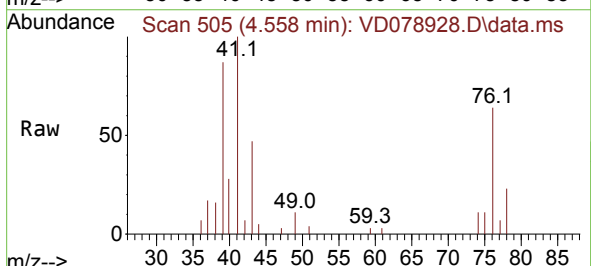
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

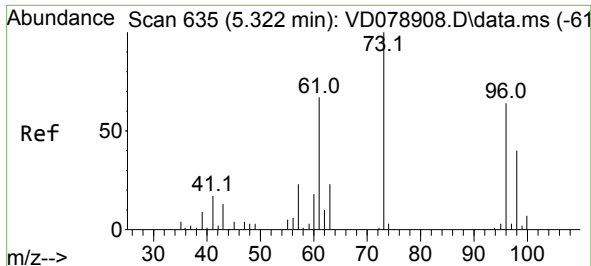
Tgt Ion: 76 Resp: 87786
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 21.540 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 43 Resp: 9103
Ion Ratio Lower Upper
43 100
74 31.3 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 20.097 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

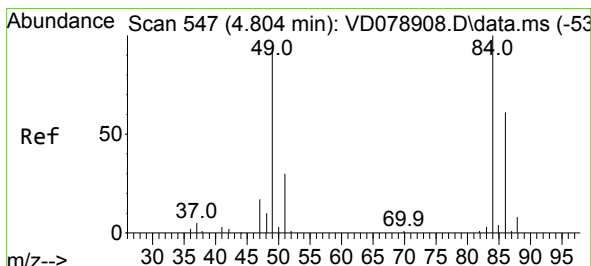
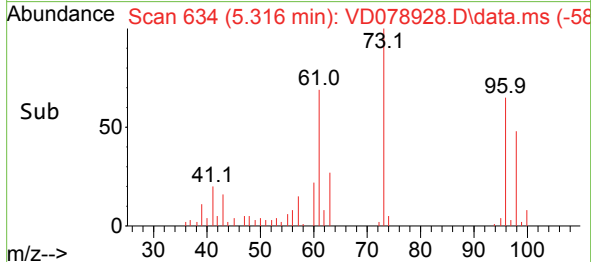
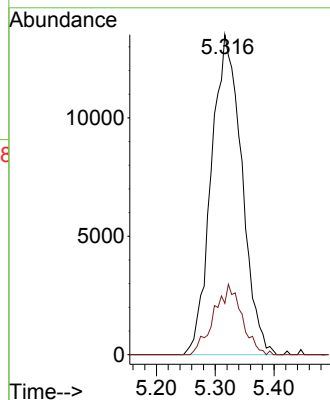
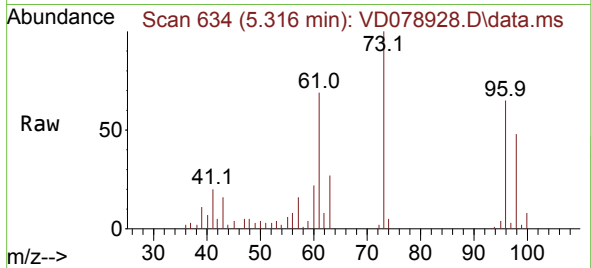
VD0515SBS01

Tgt Ion: 73 Resp: 48647

Ion Ratio Lower Upper

73 100

57 16.1 18.3 27.5#



#20

Methylene Chloride

Concen: 21.023 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Tgt Ion: 84 Resp: 35641

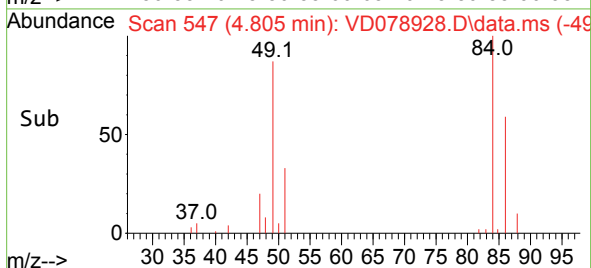
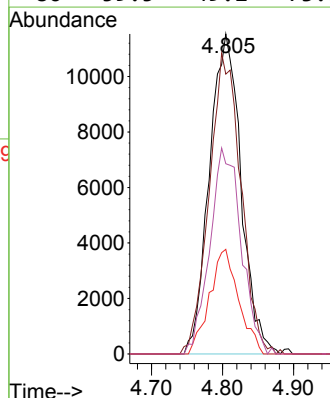
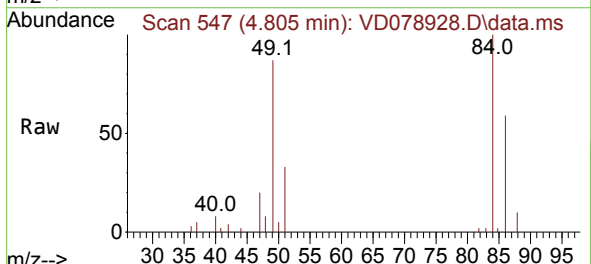
Ion Ratio Lower Upper

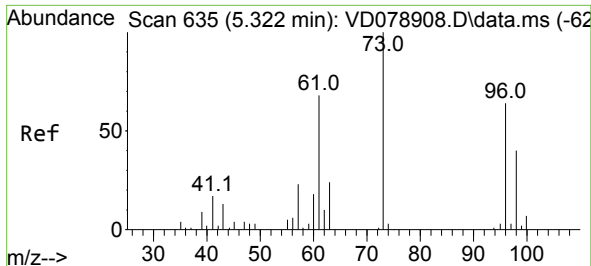
84 100

49 87.4 75.6 113.4

51 32.7 24.2 36.2

86 59.5 49.2 73.8

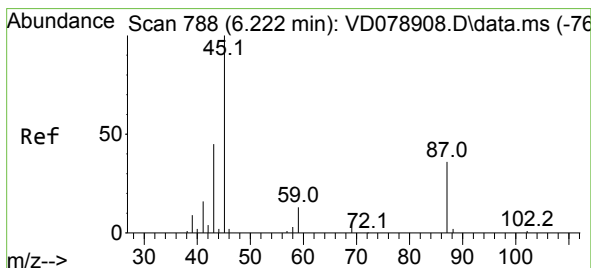
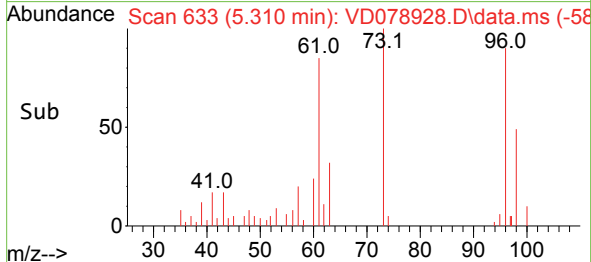
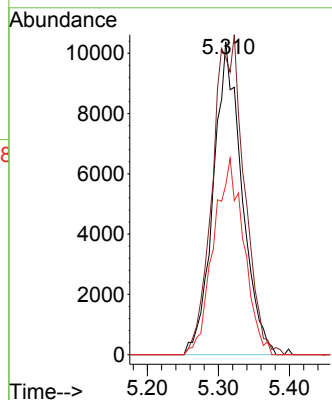
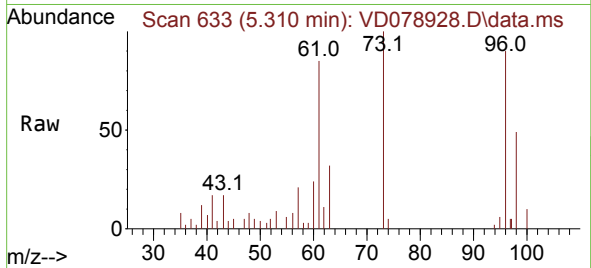




#21
trans-1,2-Dichloroethene
Concen: 20.896 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

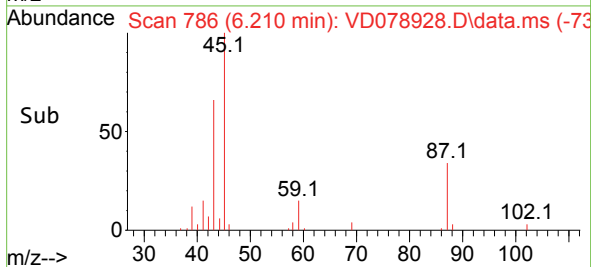
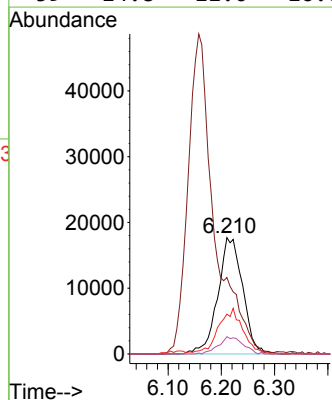
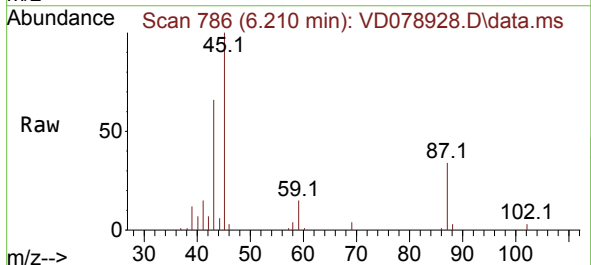
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

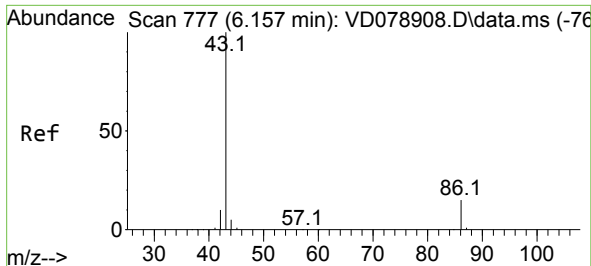
Tgt Ion: 96 Resp: 28934
Ion Ratio Lower Upper
96 100
61 94.9 84.5 126.7
98 54.3 50.5 75.7



#22
Diisopropyl ether
Concen: 20.951 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.011 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 45 Resp: 57444
Ion Ratio Lower Upper
45 100
43 63.9 41.7 62.5#
87 34.3 30.2 45.2
59 14.8 11.0 16.6

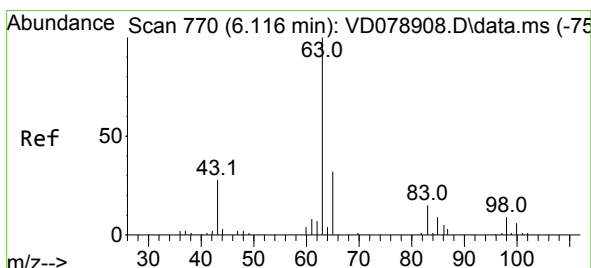
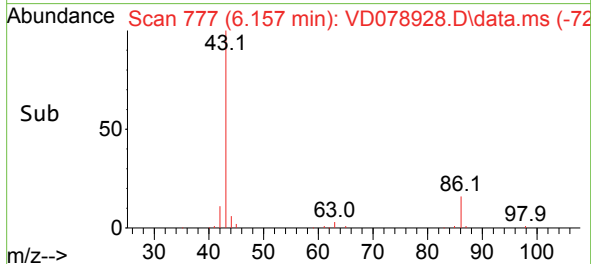
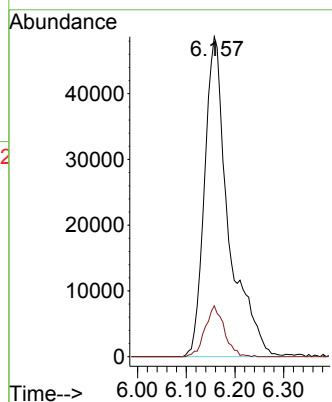
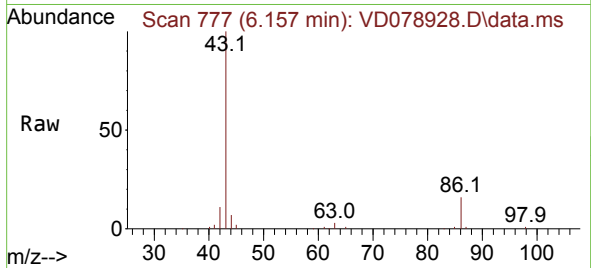




#23
 Vinyl Acetate
 Concen: 101.426 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

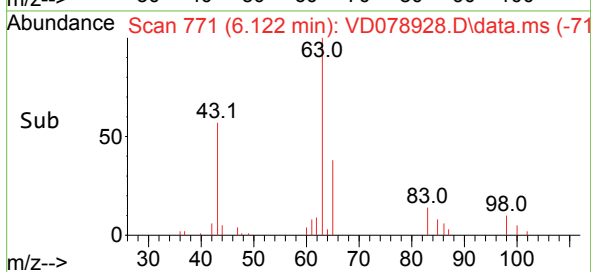
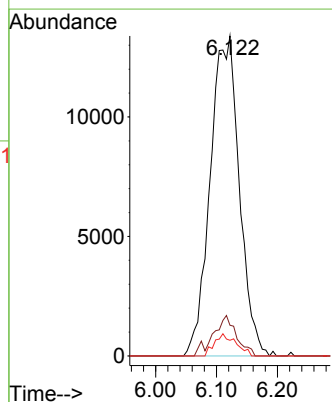
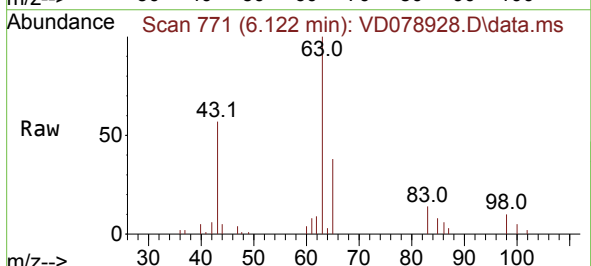
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

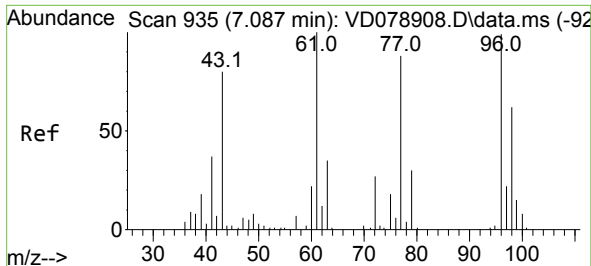
Tgt Ion: 43 Resp: 166795
 Ion Ratio Lower Upper
 43 100
 86 15.9 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 20.461 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Tgt Ion: 63 Resp: 44472
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.7 14.0
 100 4.9 2.9 8.6

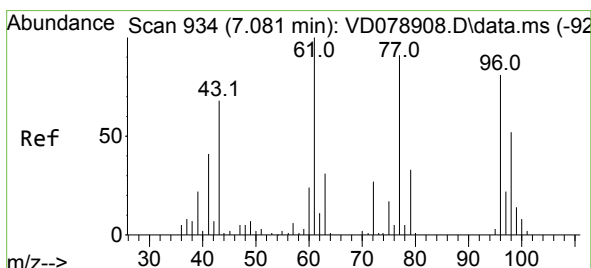
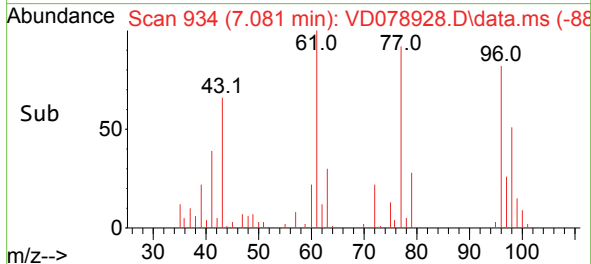
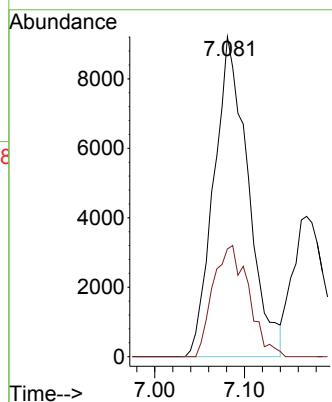
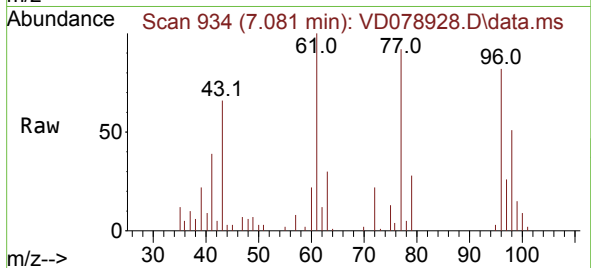




#25
2-Butanone
Concen: 99.230 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

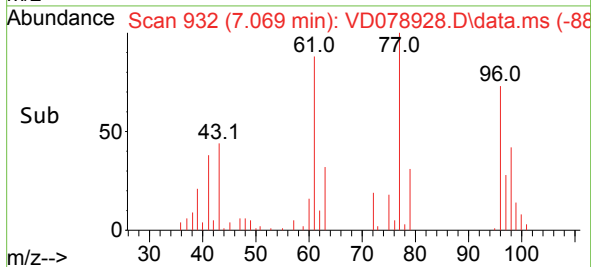
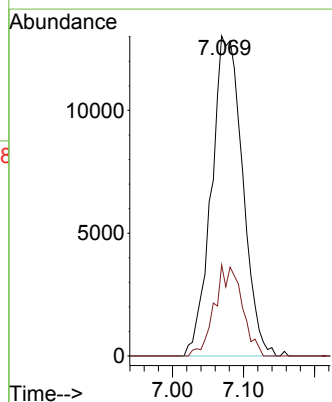
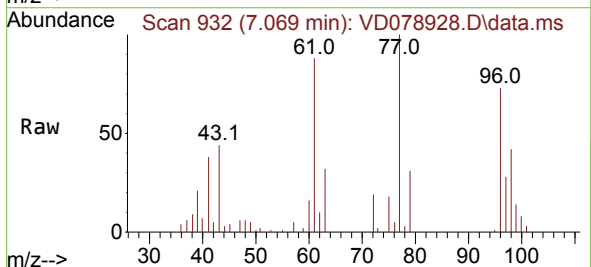
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

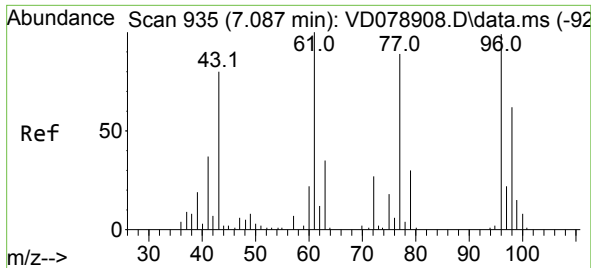
Tgt Ion: 43 Resp: 24359
Ion Ratio Lower Upper
43 100
72 33.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 20.723 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.011 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 77 Resp: 39582
Ion Ratio Lower Upper
77 100
97 25.1 12.4 37.2

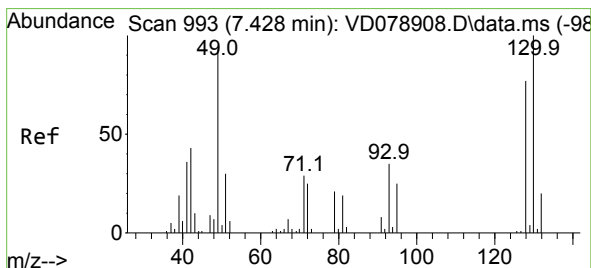
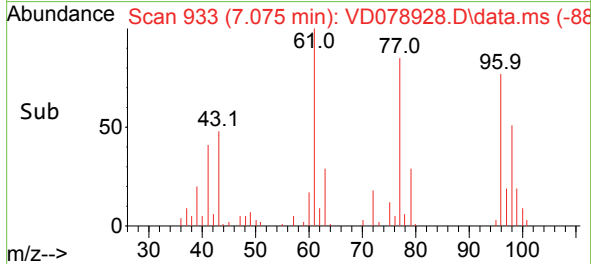
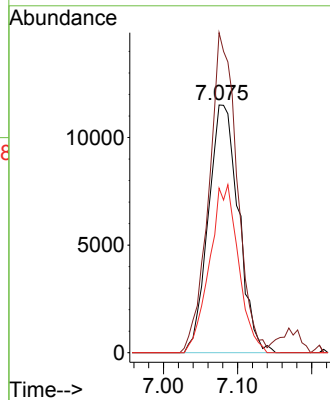
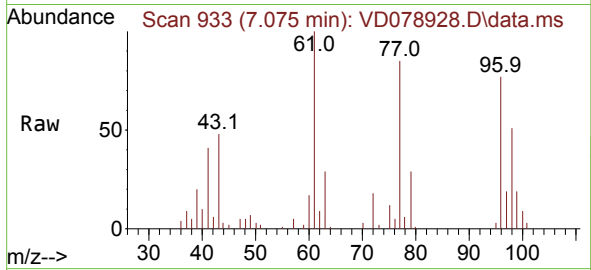




#27
 cis-1,2-Dichloroethene
 Concen: 20.040 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.011 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

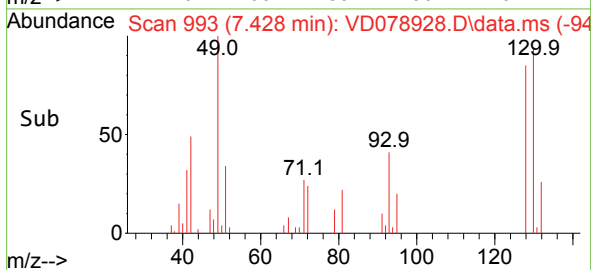
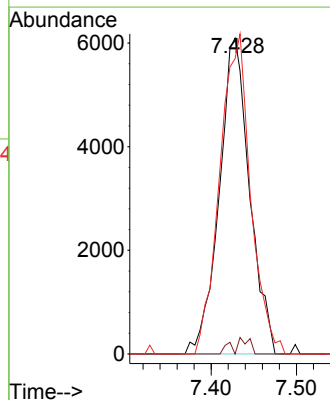
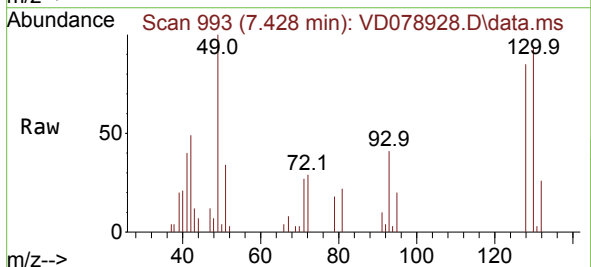
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

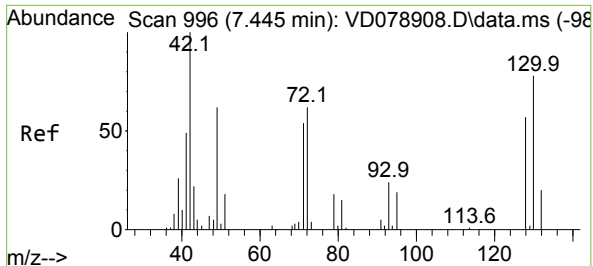
Tgt Ion: 96 Resp: 32584
 Ion Ratio Lower Upper
 96 100
 61 120.6 0.0 229.0
 98 65.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 20.783 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Tgt Ion: 49 Resp: 15065
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 7.0
 130 103.2 87.7 131.5





#29

Tetrahydrofuran

Concen: 104.320 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

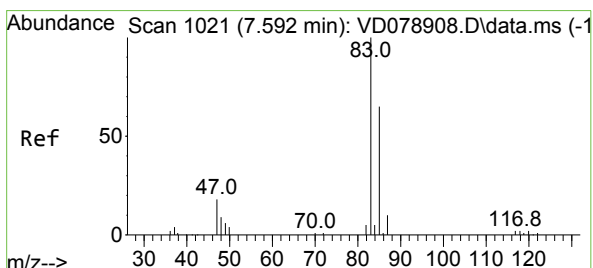
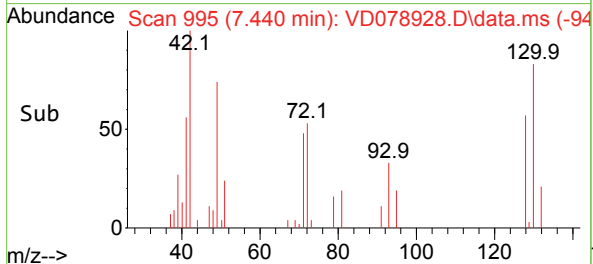
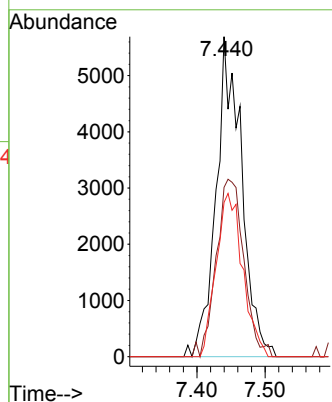
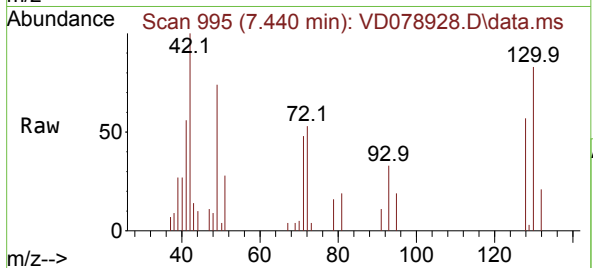
Tgt Ion: 42 Resp: 14812

Ion Ratio Lower Upper

42 100

72 60.0 49.4 74.0

71 53.1 45.0 67.6



#30

Chloroform

Concen: 20.719 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078928.D

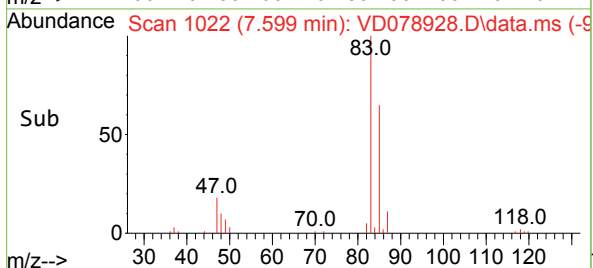
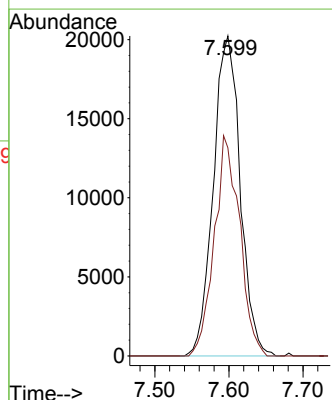
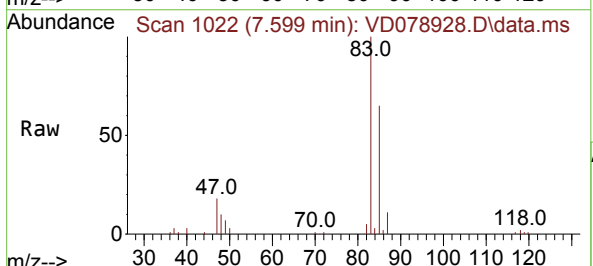
Acq: 15 May 2024 13:02

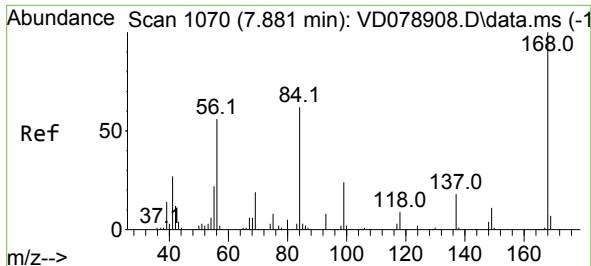
Tgt Ion: 83 Resp: 51006

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

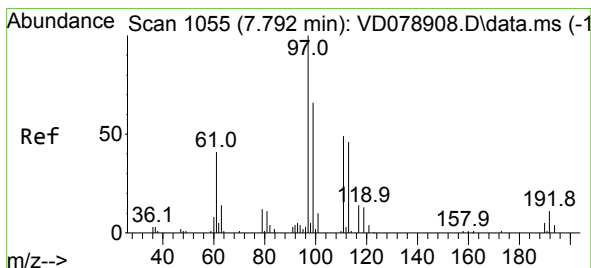
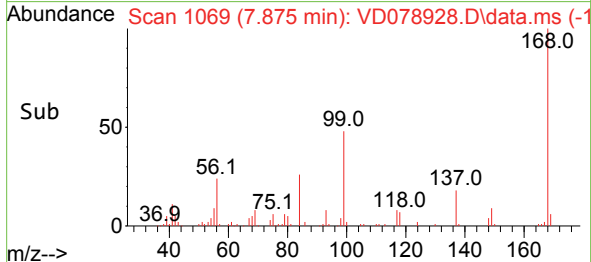
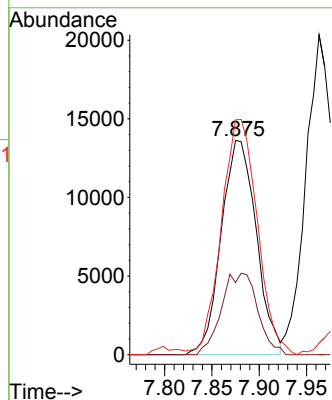
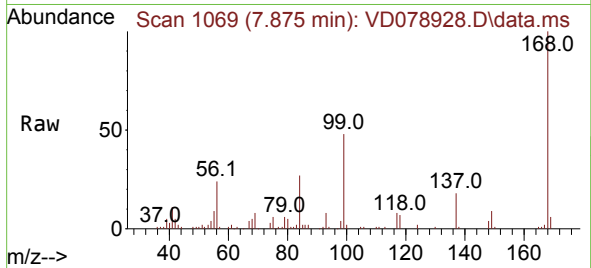




#31
Cyclohexane
Concen: 20.853 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

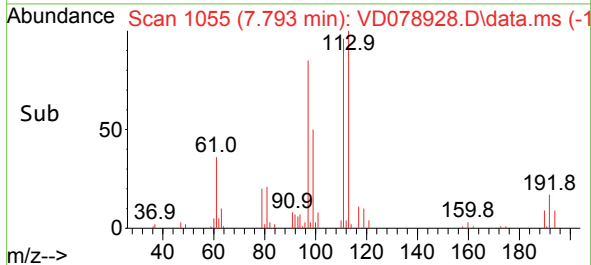
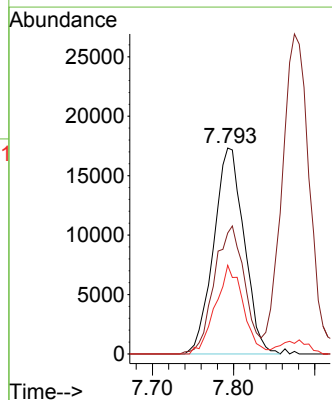
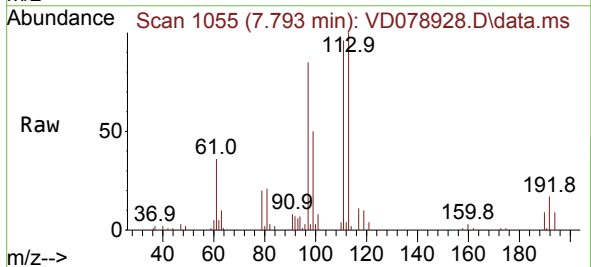
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

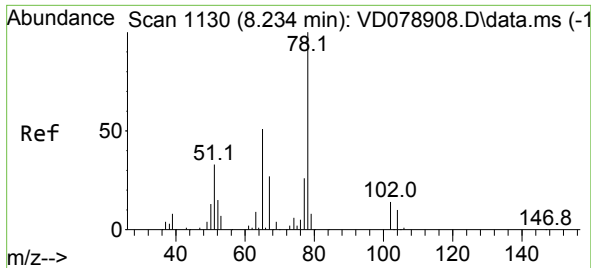
Tgt Ion: 56 Resp: 35070
Ion Ratio Lower Upper
56 100
69 33.7 28.0 42.0
84 107.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 21.391 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 97 Resp: 45097
Ion Ratio Lower Upper
97 100
99 62.2 51.3 76.9
61 39.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 52.292 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

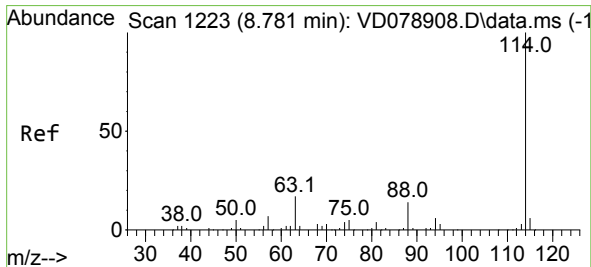
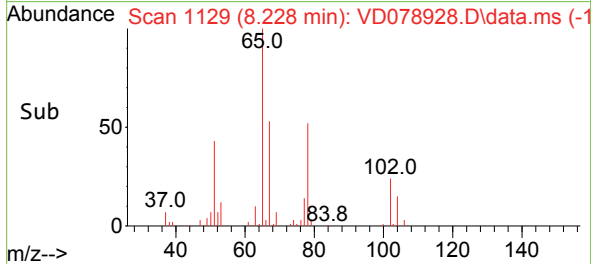
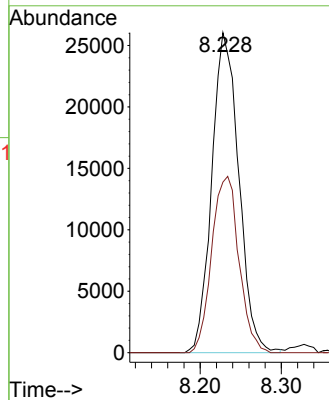
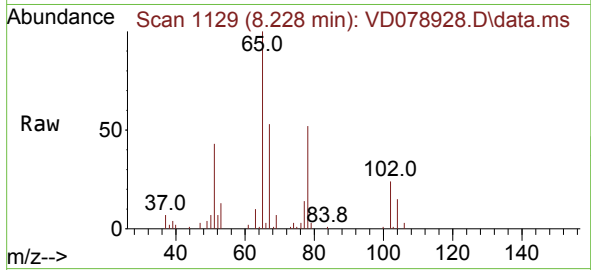
VD0515SBS01

Tgt Ion: 65 Resp: 60195

Ion Ratio Lower Upper

65 100

67 55.6 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: VD078928.D

Acq: 15 May 2024 13:02

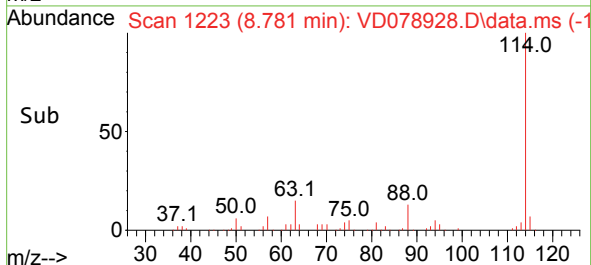
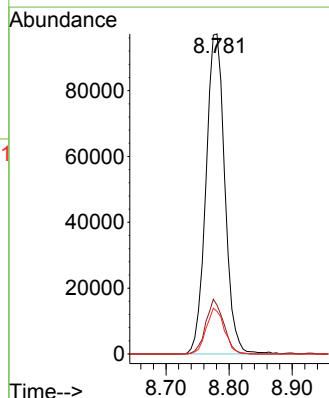
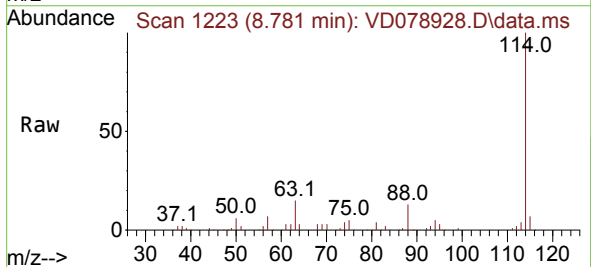
Tgt Ion: 114 Resp: 201524

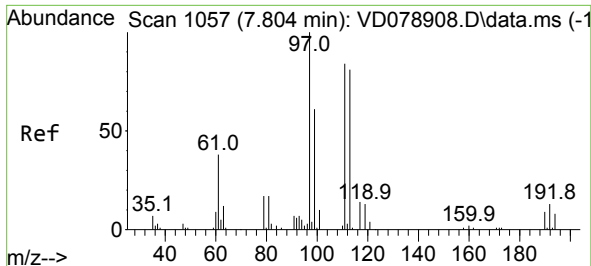
Ion Ratio Lower Upper

114 100

63 15.3 0.0 34.0

88 13.3 0.0 27.2

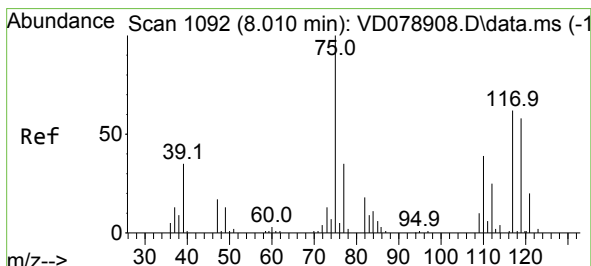
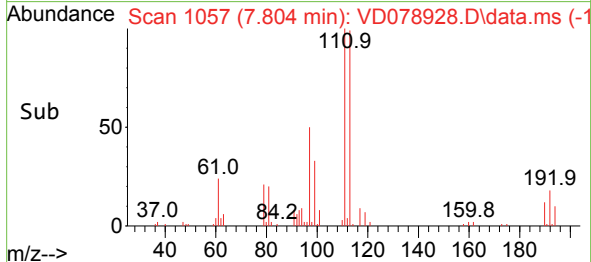
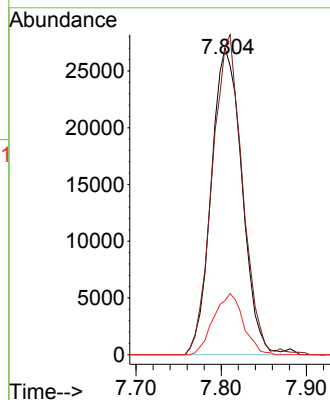
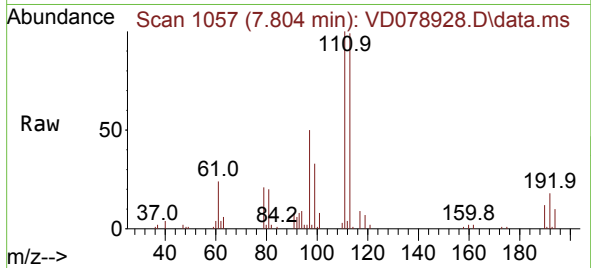




#35
Dibromofluoromethane
Concen: 50.330 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

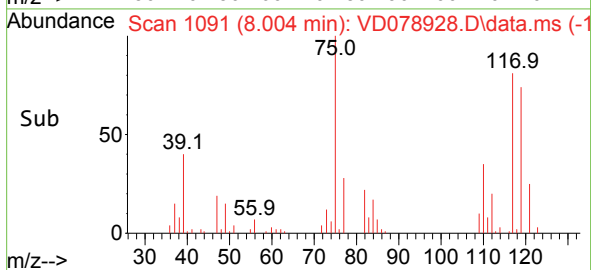
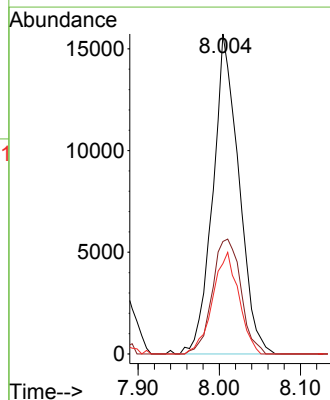
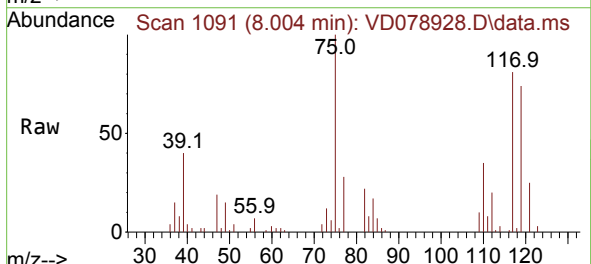
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

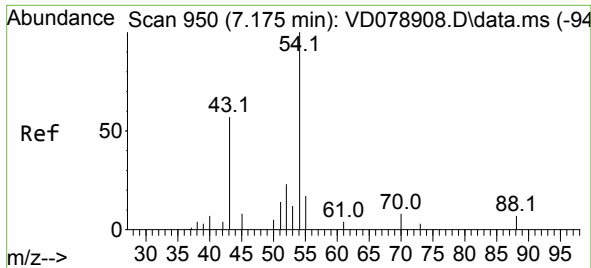
Tgt Ion:113 Resp: 67517
Ion Ratio Lower Upper
113 100
111 101.8 84.0 126.0
192 19.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.936 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 75 Resp: 34950
Ion Ratio Lower Upper
75 100
110 39.4 19.6 58.7
77 32.1 26.1 39.1





#37

Ethyl Acetate

Concen: 18.240 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

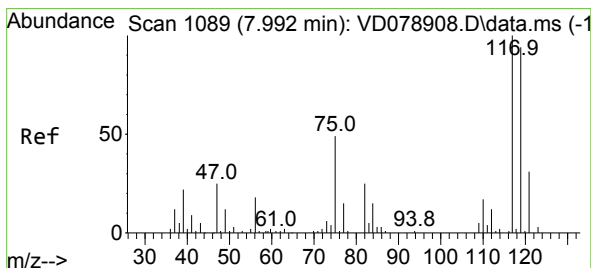
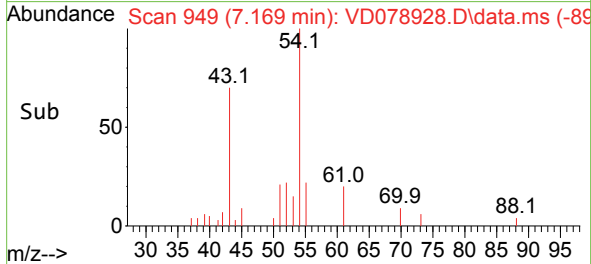
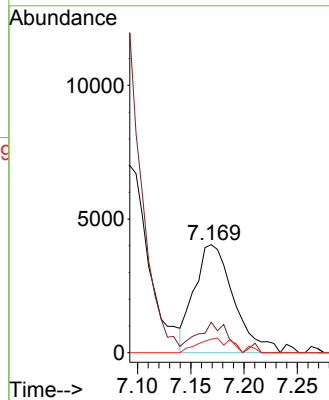
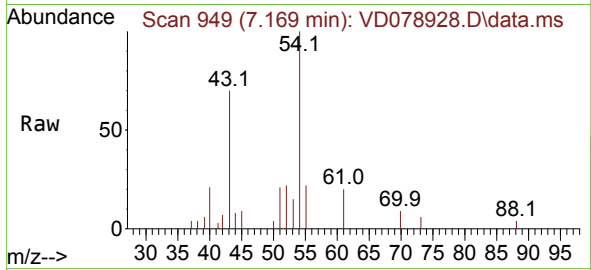
Tgt Ion: 43 Resp: 10377

Ion Ratio Lower Upper

43 100

61 21.3 13.9 20.9#

70 11.0 9.8 14.6



#38

Carbon Tetrachloride

Concen: 20.916 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

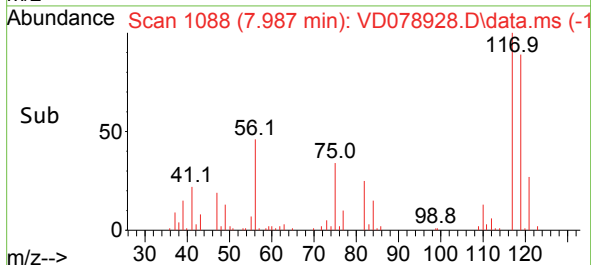
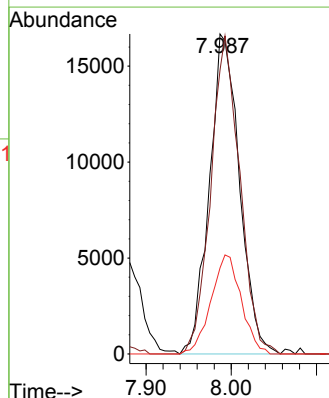
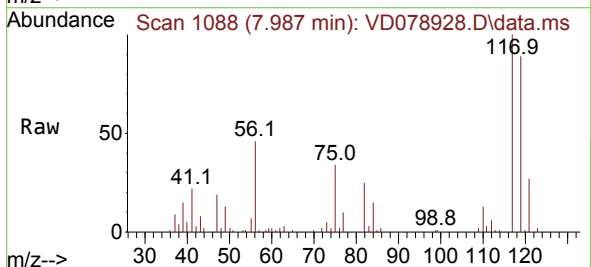
Tgt Ion: 117 Resp: 40862

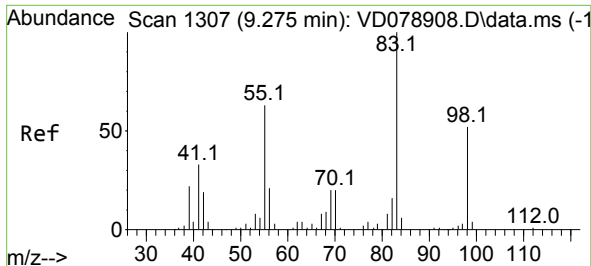
Ion Ratio Lower Upper

117 100

119 88.8 75.4 113.0

121 26.9 25.0 37.4

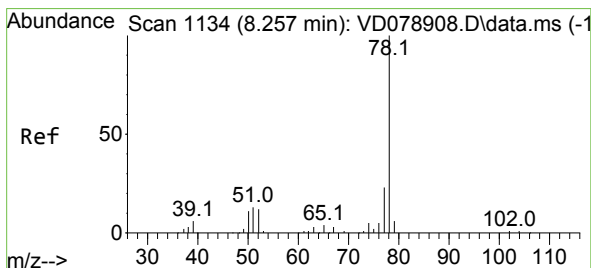
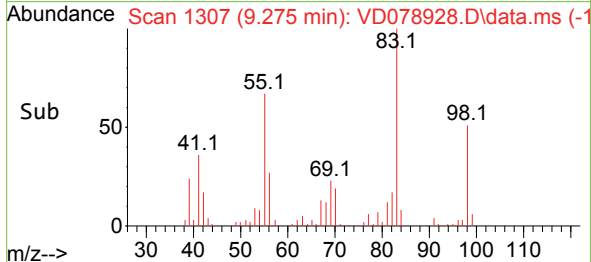
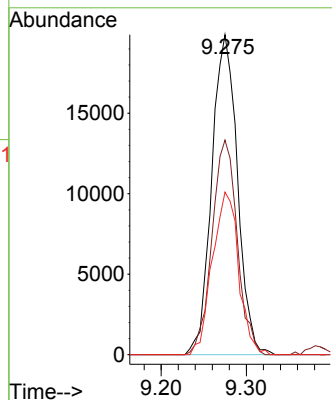
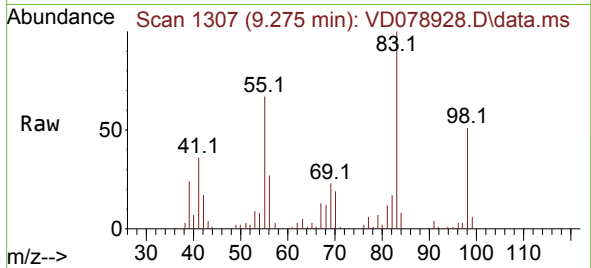




#39
Methylcyclohexane
Concen: 20.461 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

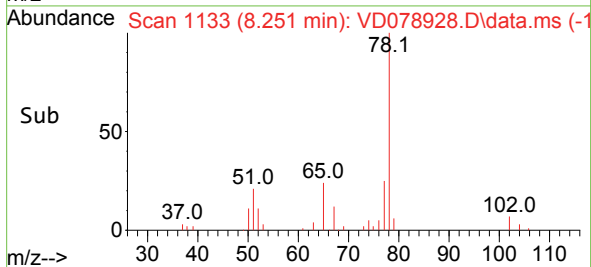
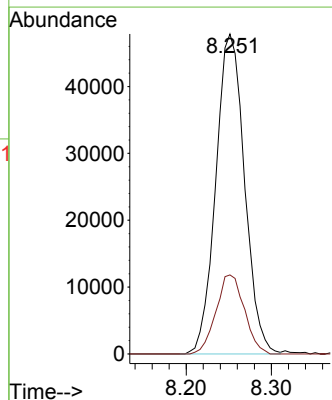
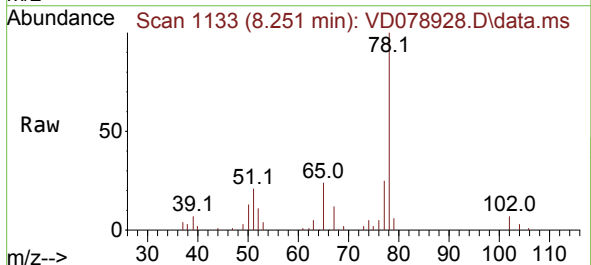
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

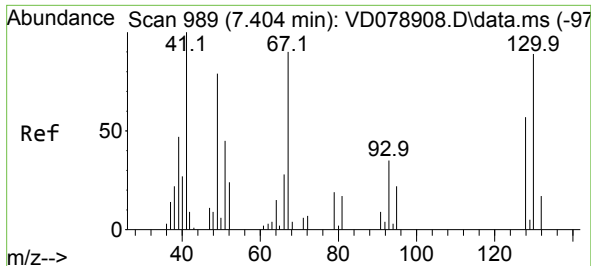
Tgt Ion: 83 Resp: 41502
Ion Ratio Lower Upper
83 100
55 67.0 50.1 75.1
98 50.8 41.9 62.9



#40
Benzene
Concen: 20.791 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

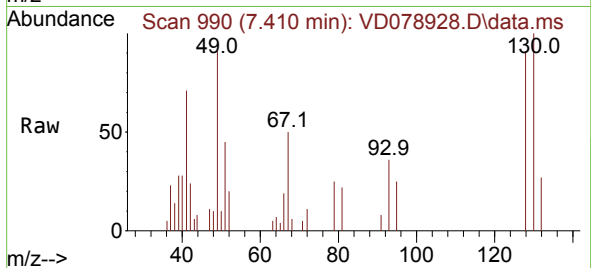
Tgt Ion: 78 Resp: 112258
Ion Ratio Lower Upper
78 100
77 24.7 18.1 27.1



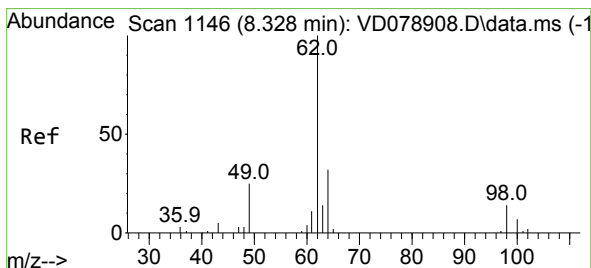
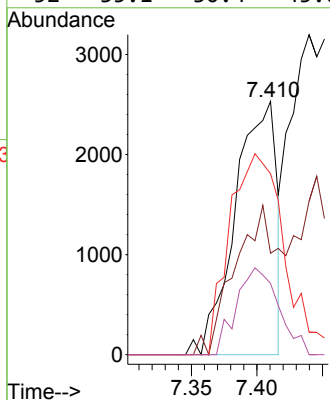
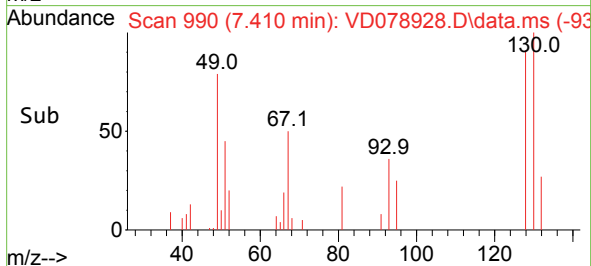


#41
Methacrylonitrile
Concen: 18.160 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

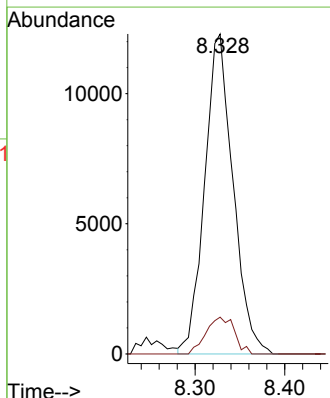
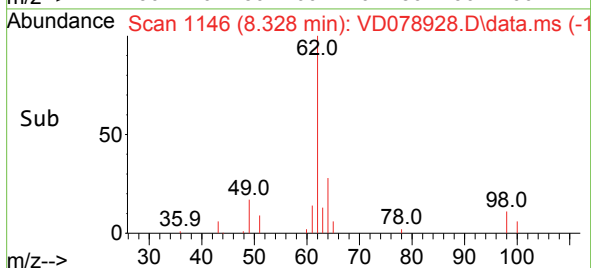
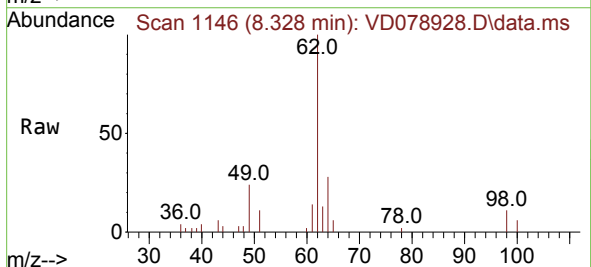


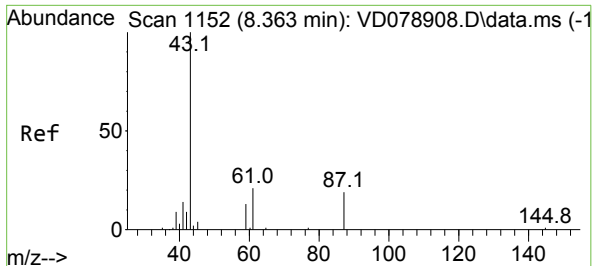
Tgt Ion: 41 Resp: 5559
Ion Ratio Lower Upper
41 100
39 63.1 41.4 62.0#
67 104.2 85.8 128.6
52 35.1 30.4 45.6



#42
1,2-Dichloroethane
Concen: 20.635 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 62 Resp: 26968
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.8

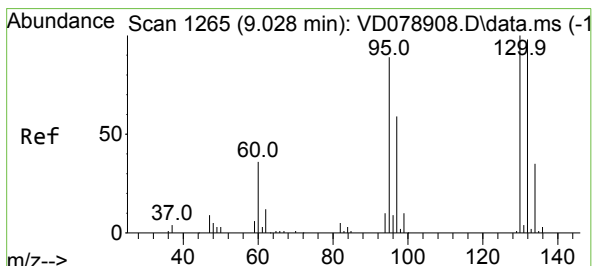
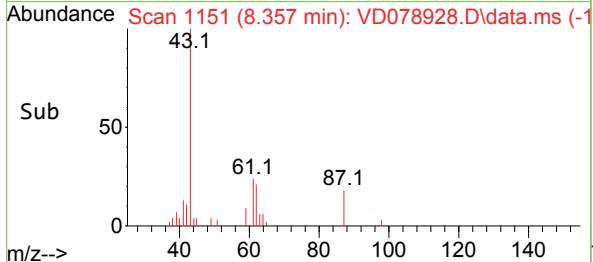
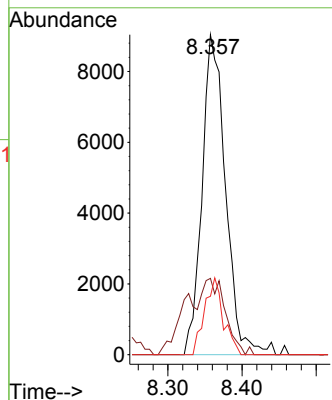
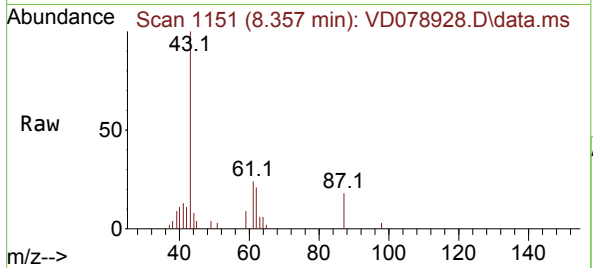




#43
Isopropyl Acetate
Concen: 19.773 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

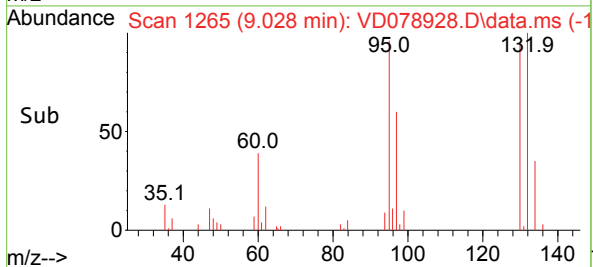
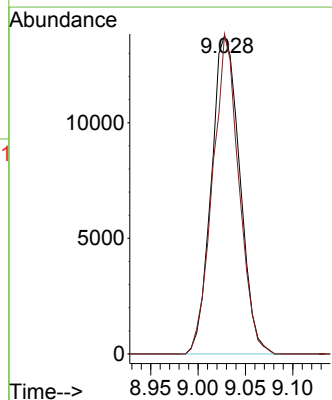
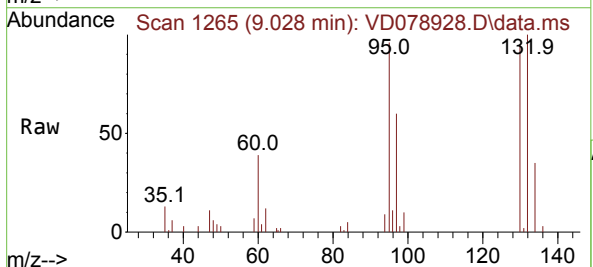
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

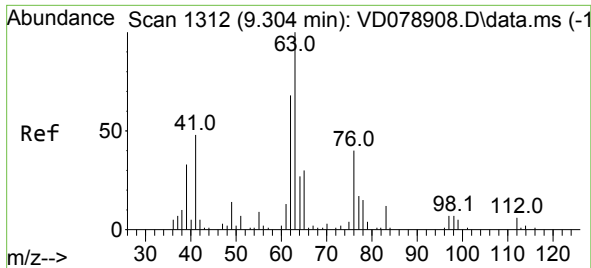
Tgt Ion: 43 Resp: 19960
Ion Ratio Lower Upper
43 100
61 23.9 29.3 43.9#
87 19.1 14.9 22.3



#44
Trichloroethene
Concen: 20.063 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:130 Resp: 28732
Ion Ratio Lower Upper
130 100
95 100.6 0.0 177.8

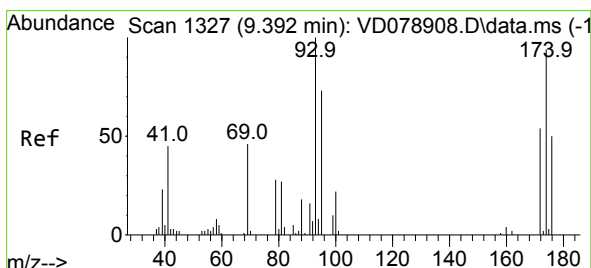
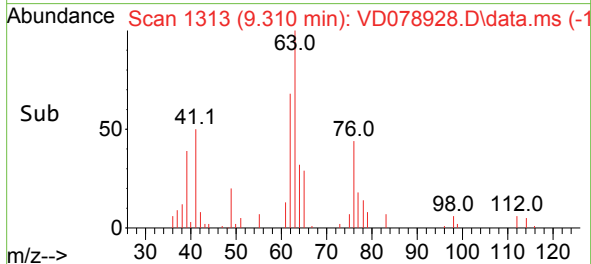
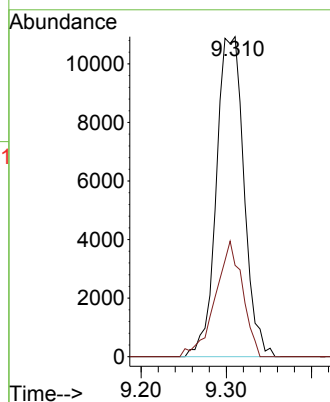
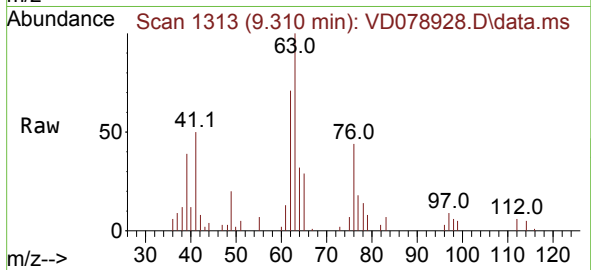




#45
1,2-Dichloropropane
Concen: 20.727 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

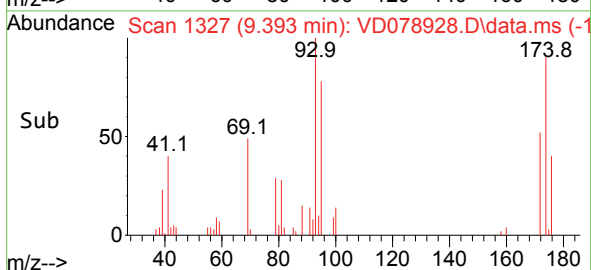
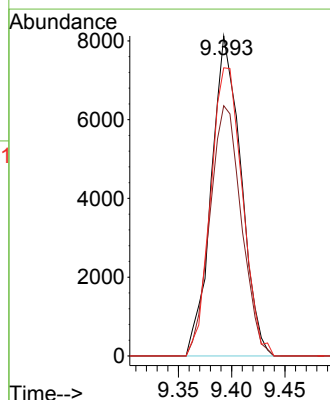
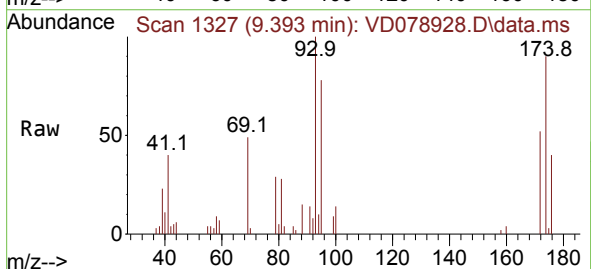
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

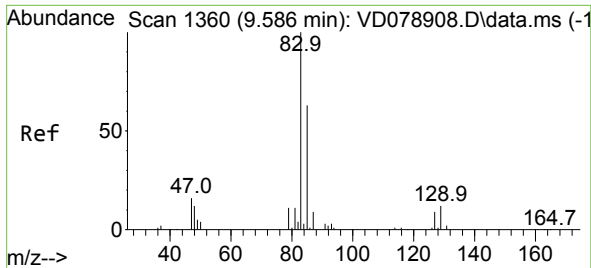
Tgt Ion: 63 Resp: 24592
Ion Ratio Lower Upper
63 100
65 28.6 23.8 35.8



#46
Dibromomethane
Concen: 20.176 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 93 Resp: 15759
Ion Ratio Lower Upper
93 100
95 82.8 65.6 98.4
174 96.2 82.3 123.5

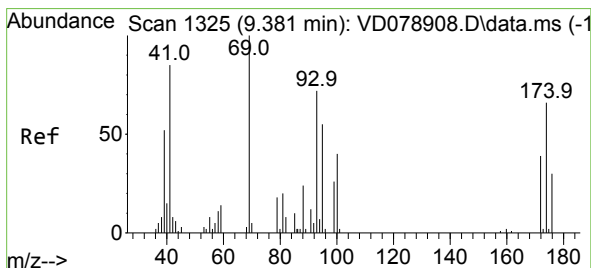
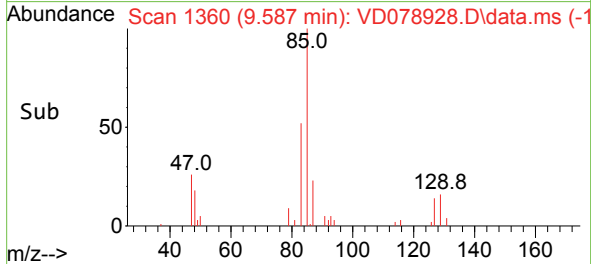
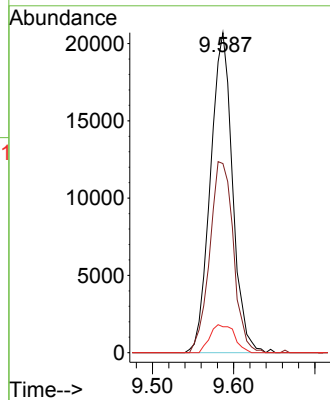
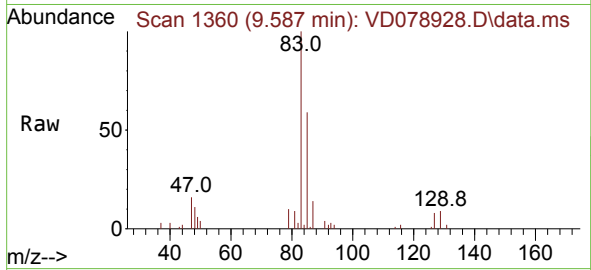




#47
Bromodichloromethane
Concen: 20.838 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

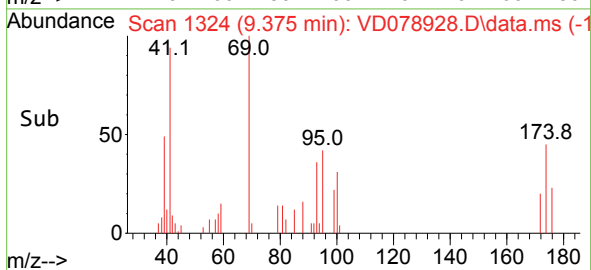
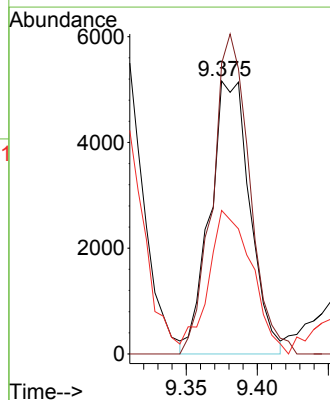
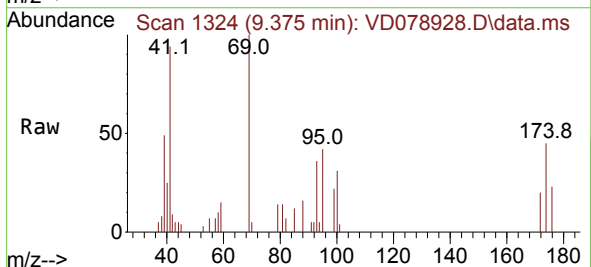
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

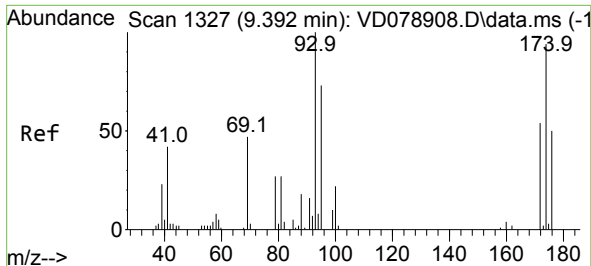
Tgt Ion: 83 Resp: 39180
Ion Ratio Lower Upper
83 100
85 59.1 50.1 75.1
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 20.541 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 41 Resp: 10094
Ion Ratio Lower Upper
41 100
69 109.3 96.7 145.1
39 56.9 43.8 65.6





#49

1,4-Dioxane

Concen: 427.469 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.011 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

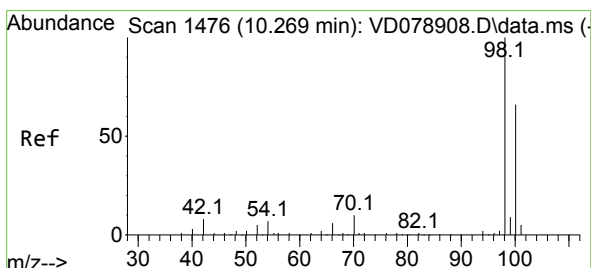
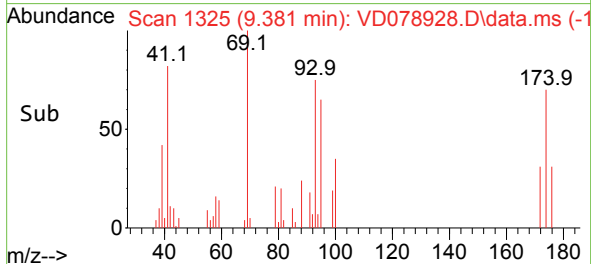
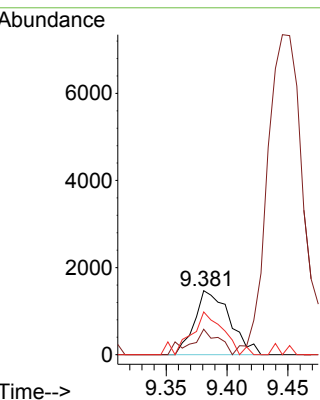
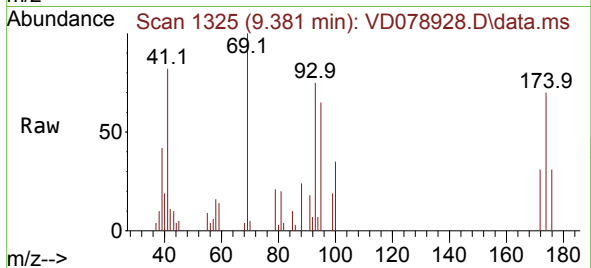
Tgt Ion: 88 Resp: 2937

Ion Ratio Lower Upper

88 100

43 31.5 21.5 32.3

58 61.8 42.2 63.4



#50

Toluene-d8

Concen: 52.500 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078928.D

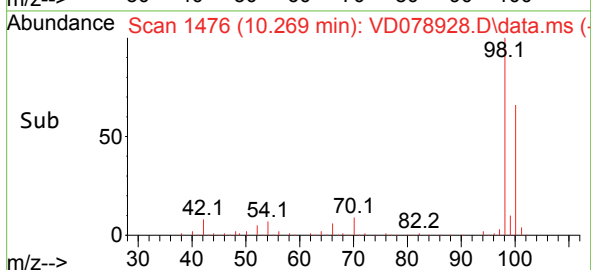
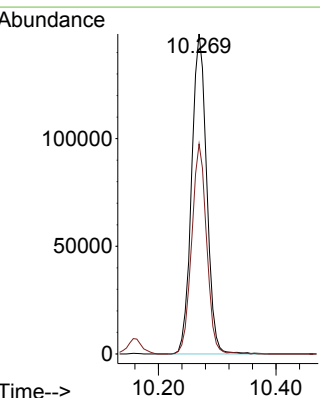
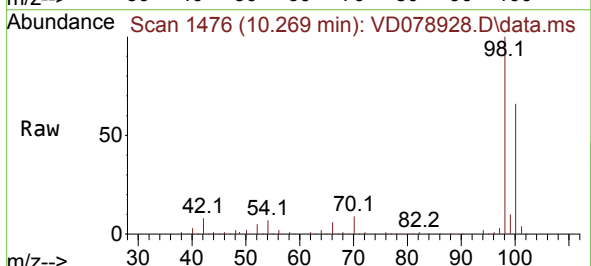
Acq: 15 May 2024 13:02

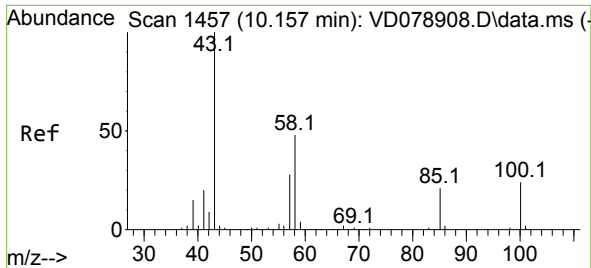
Tgt Ion: 98 Resp: 264021

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

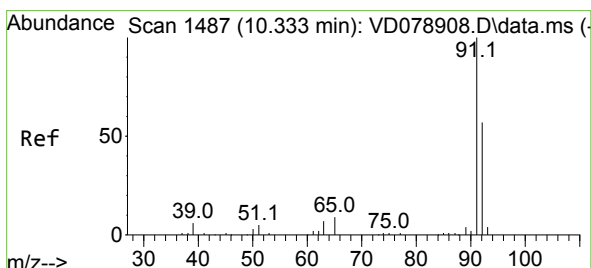
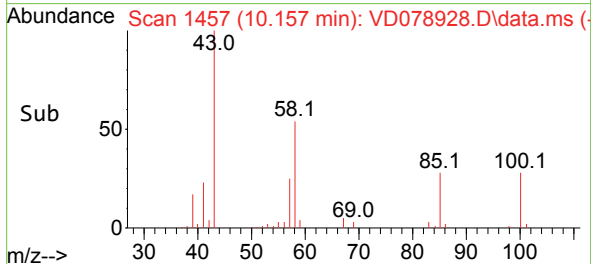
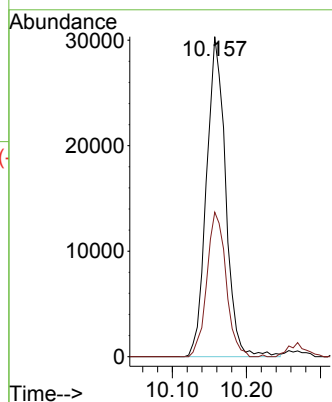
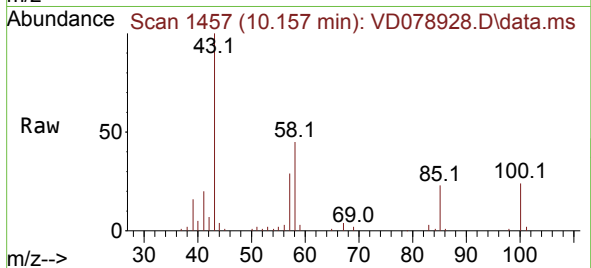




#51
4-Methyl-2-Pentanone
Concen: 101.204 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

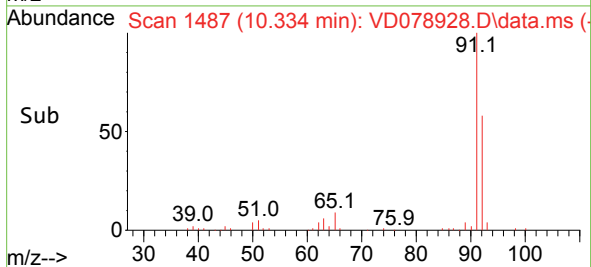
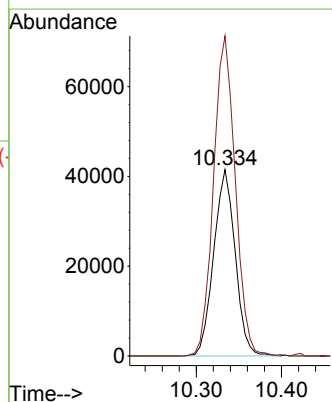
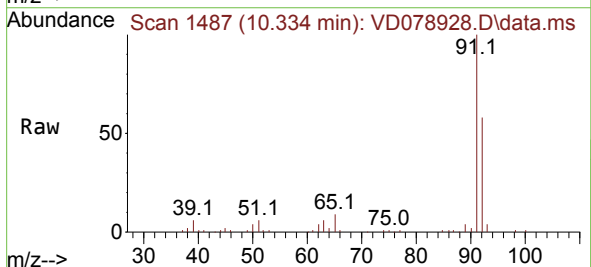
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

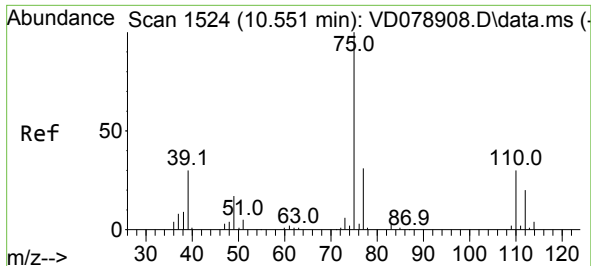
Tgt Ion: 43 Resp: 54414
Ion Ratio Lower Upper
43 100
58 45.2 36.6 55.0



#52
Toluene
Concen: 21.038 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 92 Resp: 72712
Ion Ratio Lower Upper
92 100
91 174.2 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 19.809 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

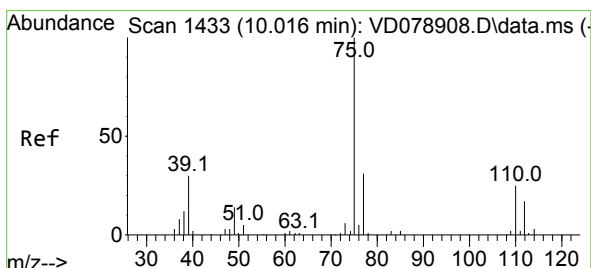
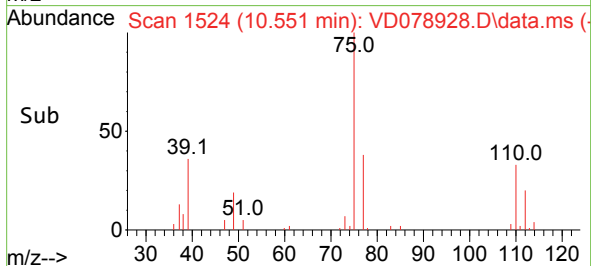
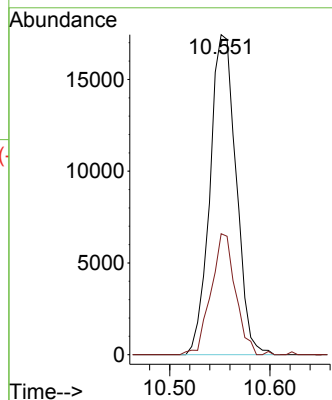
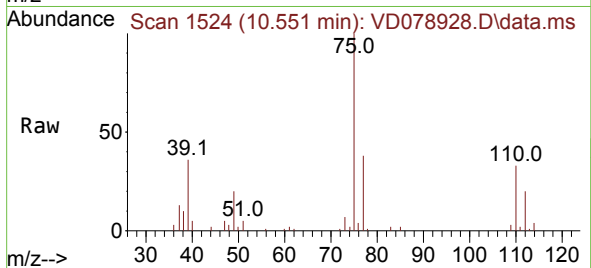
VD0515SBS01

Tgt Ion: 75 Resp: 31648

Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 20.727 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

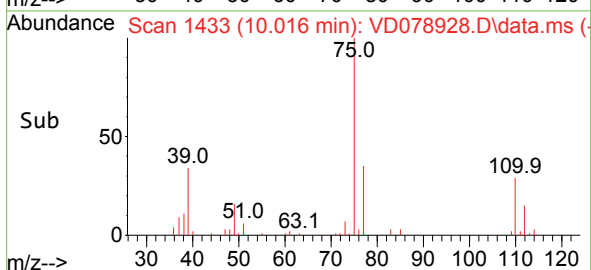
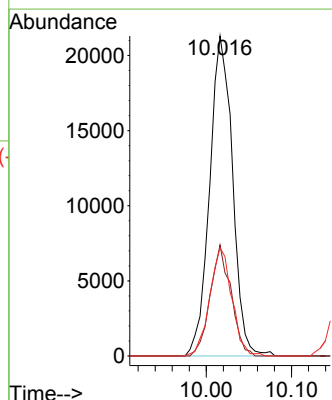
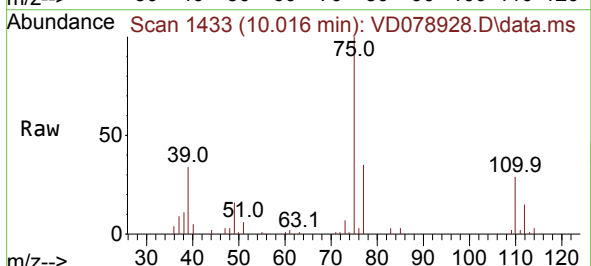
Tgt Ion: 75 Resp: 39747

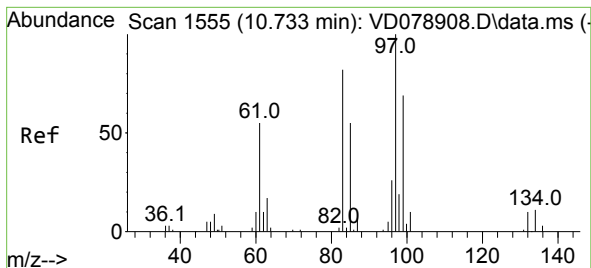
Ion Ratio Lower Upper

75 100

77 34.7 24.4 36.6

39 33.8 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.087 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

Tgt Ion: 97 Resp: 20270

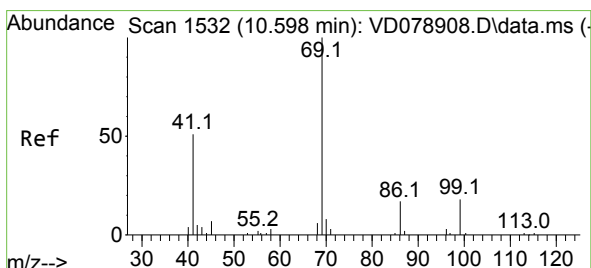
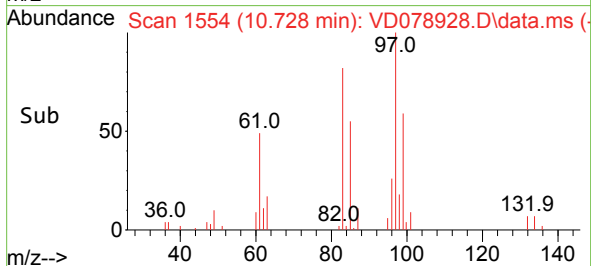
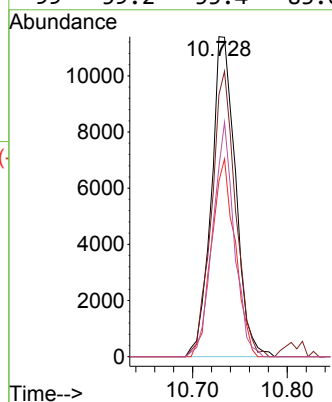
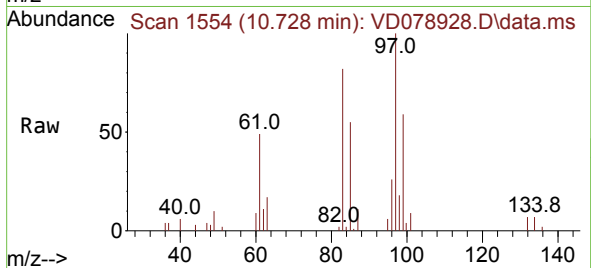
Ion Ratio Lower Upper

97 100

83 81.8 65.8 98.8

85 54.8 43.8 65.8

99 59.2 55.4 83.0



#56

Ethyl methacrylate

Concen: 19.460 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

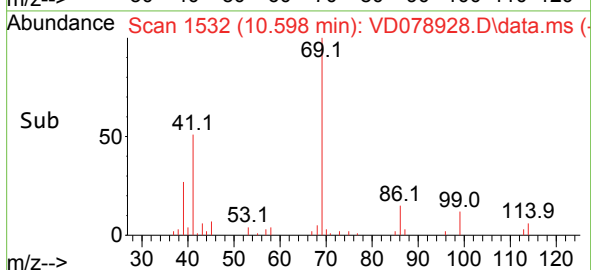
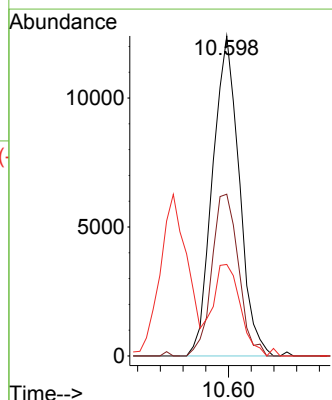
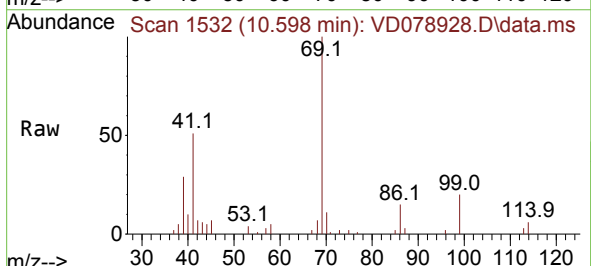
Tgt Ion: 69 Resp: 20204

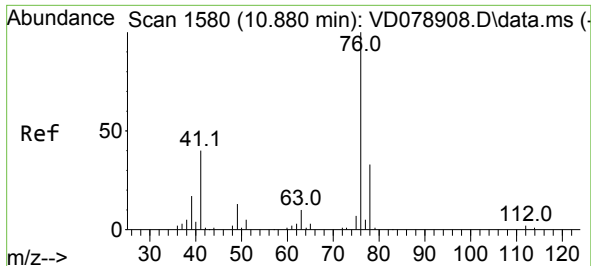
Ion Ratio Lower Upper

69 100

41 50.7 39.8 59.6

39 30.5 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 20.650 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

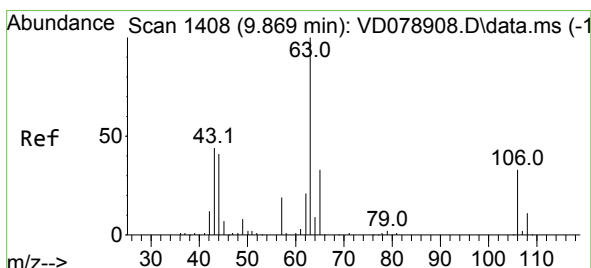
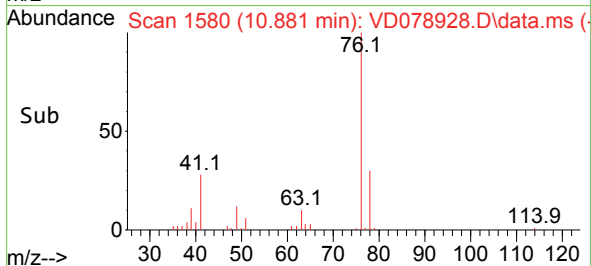
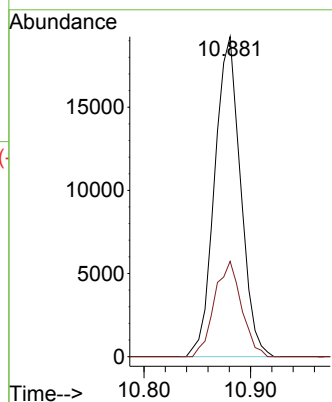
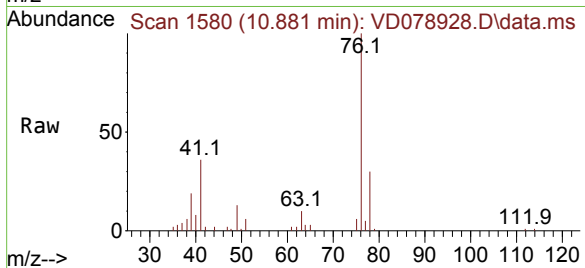
VD0515SBS01

Tgt Ion: 76 Resp: 32448

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.417 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078928.D

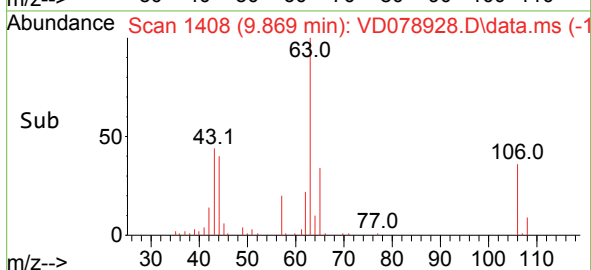
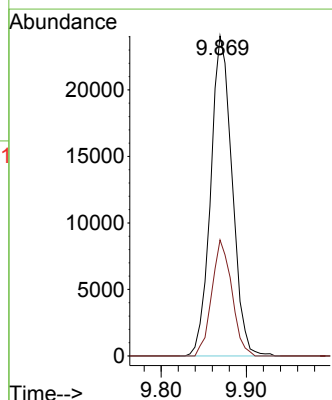
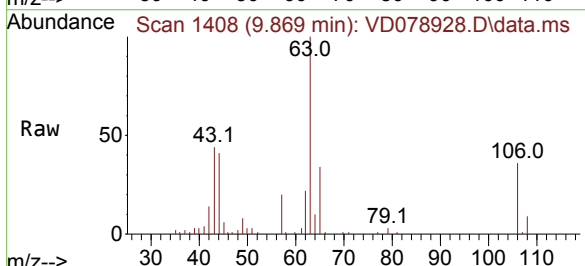
Acq: 15 May 2024 13:02

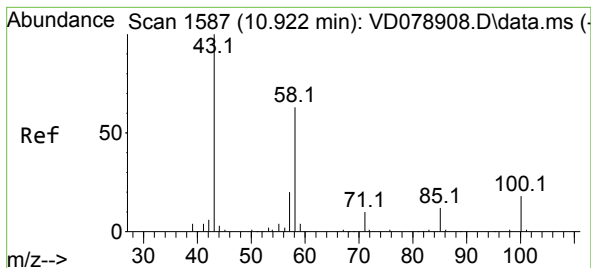
Tgt Ion: 63 Resp: 42119

Ion Ratio Lower Upper

63 100

106 33.8 26.4 39.6

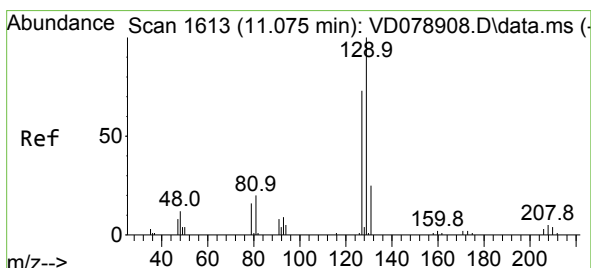
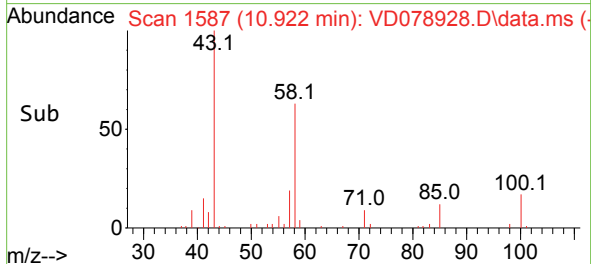
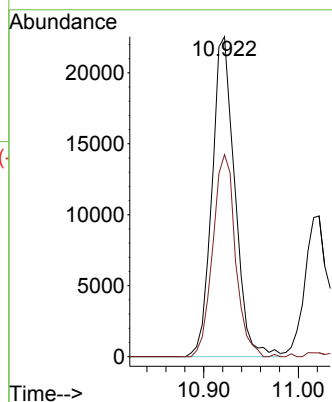
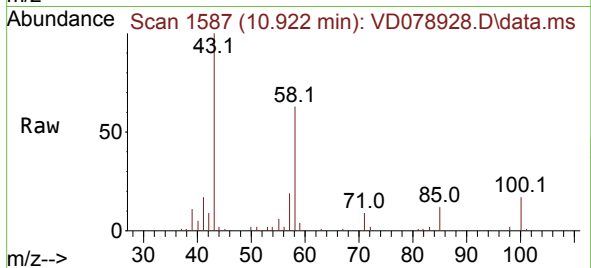




#59
2-Hexanone
Concen: 100.740 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

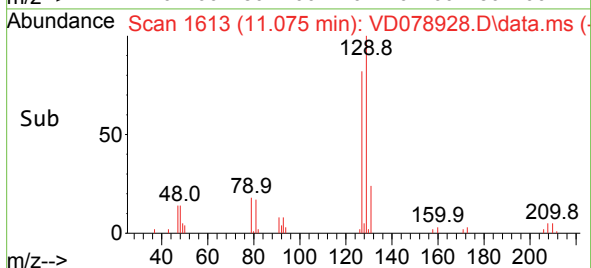
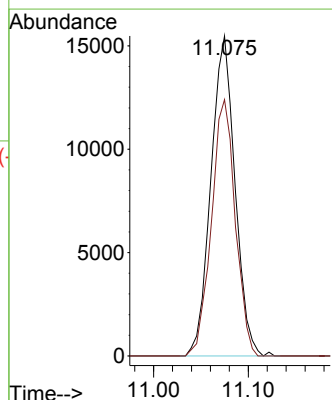
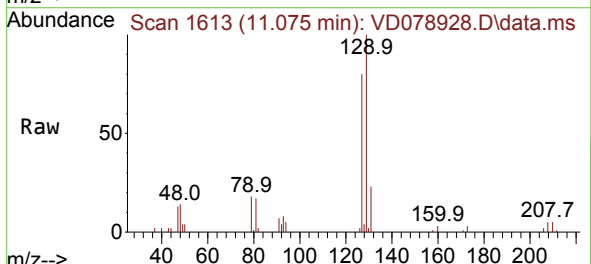
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

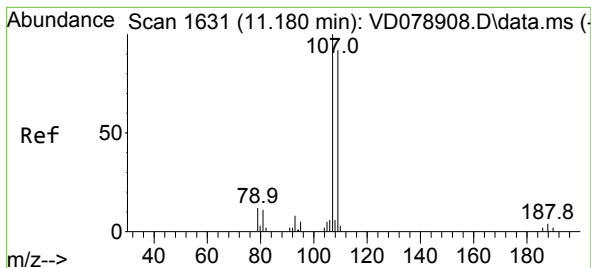
Tgt Ion: 43 Resp: 37701
Ion Ratio Lower Upper
43 100
58 62.8 31.1 93.5



#60
Dibromochloromethane
Concen: 19.905 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 129 Resp: 27382
Ion Ratio Lower Upper
129 100
127 79.1 38.0 113.9

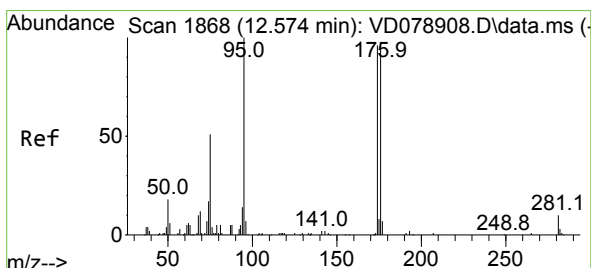
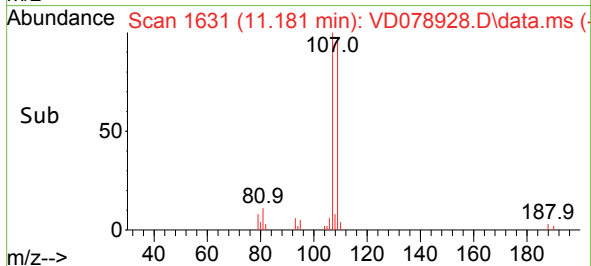
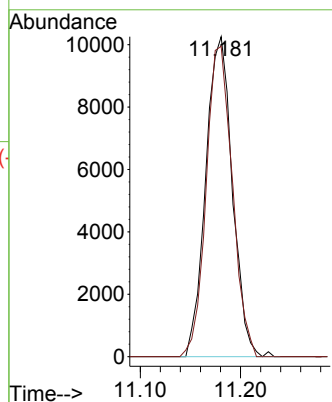
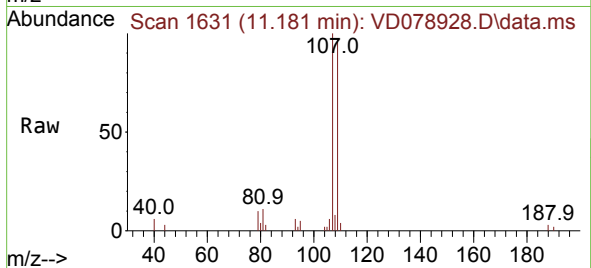




#61
1,2-Dibromoethane
Concen: 20.570 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

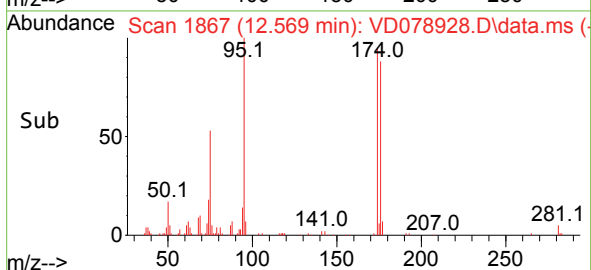
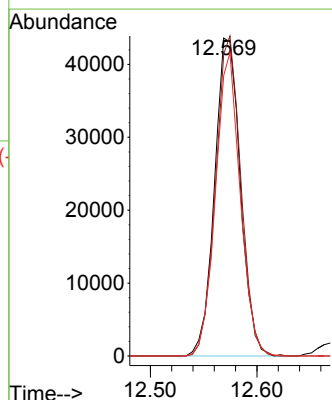
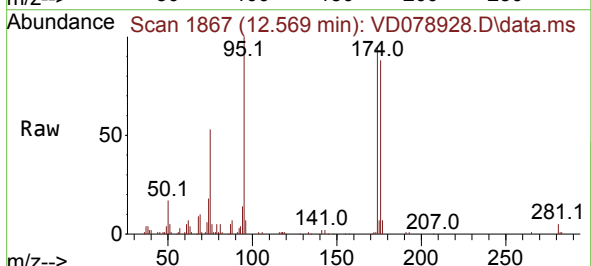
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

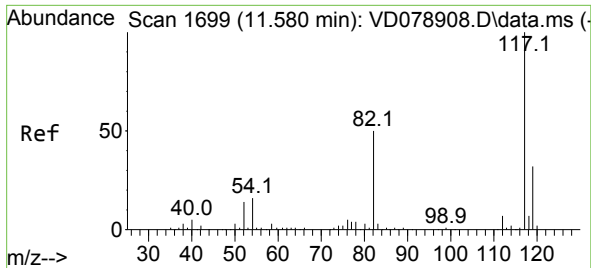
Tgt Ion:107 Resp: 18926
Ion Ratio Lower Upper
107 100
109 95.4 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 51.692 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 95 Resp: 73029
Ion Ratio Lower Upper
95 100
174 98.4 0.0 195.4
176 91.3 0.0 192.6

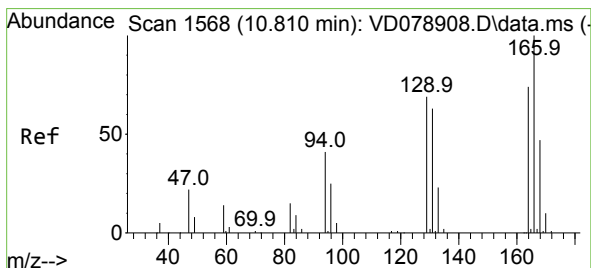
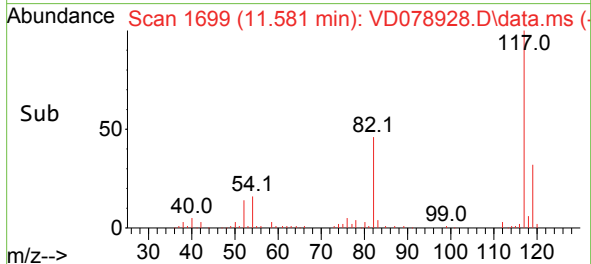
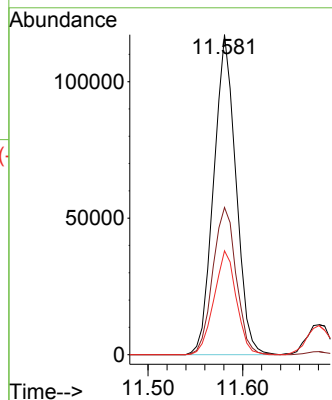
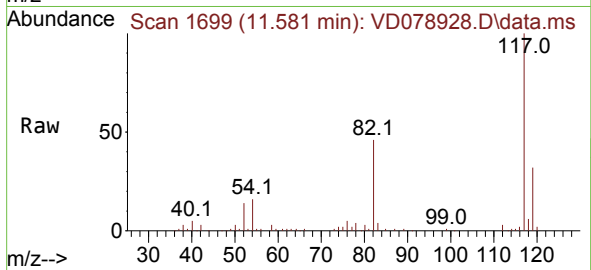




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

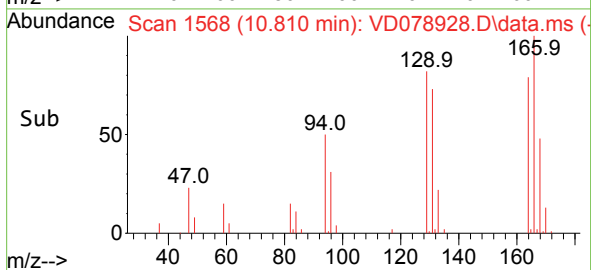
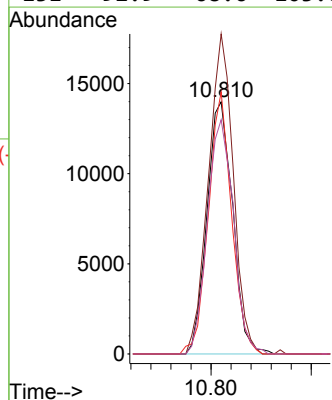
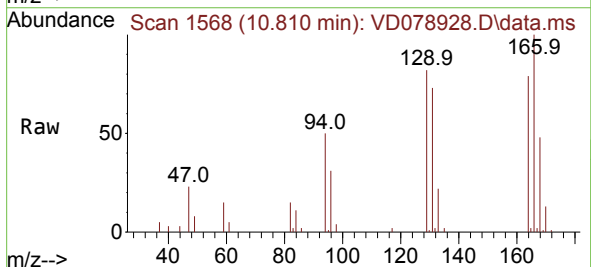
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

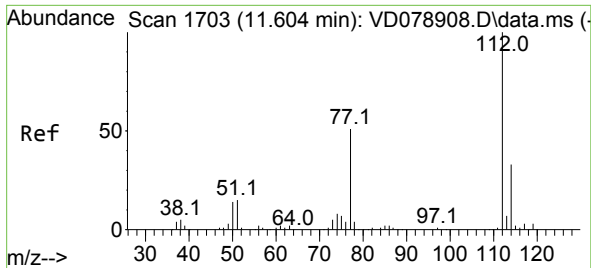
Tgt Ion:117 Resp: 190623
Ion Ratio Lower Upper
117 100
82 46.0 39.8 59.6
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 20.653 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:164 Resp: 24978
Ion Ratio Lower Upper
164 100
166 126.9 108.6 163.0
129 103.8 74.6 112.0
131 92.9 68.6 103.0

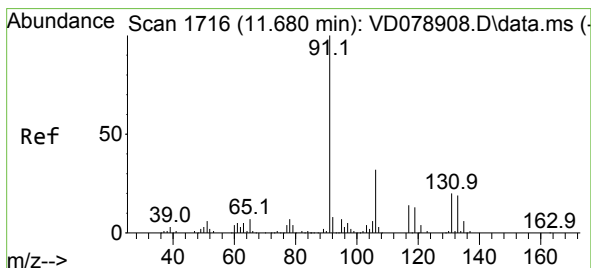
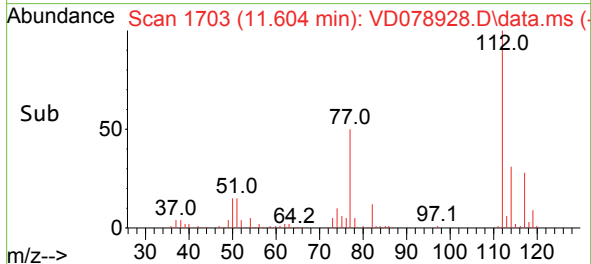
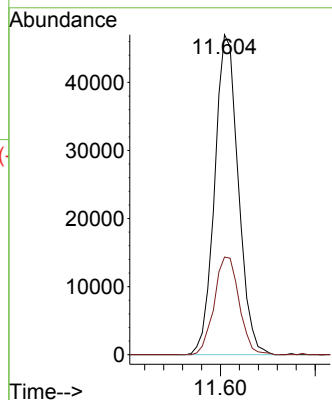
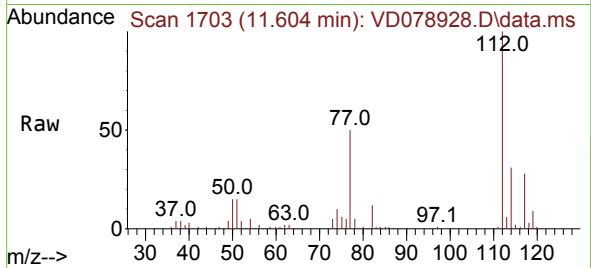




#65
Chlorobenzene
Concen: 20.518 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

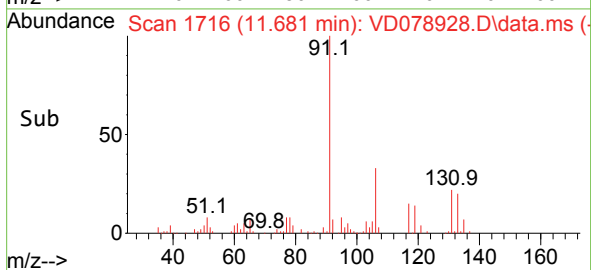
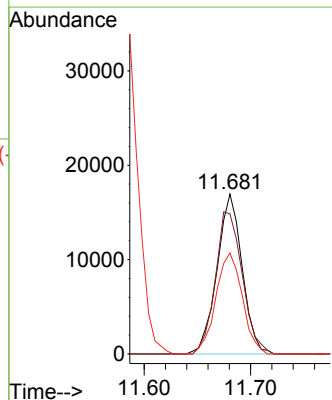
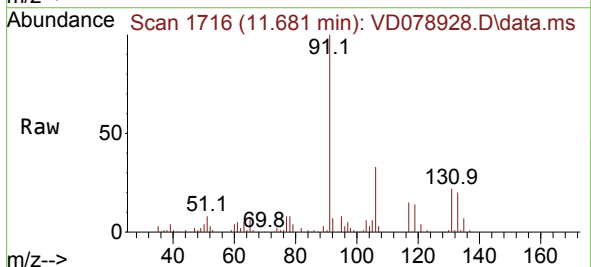
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

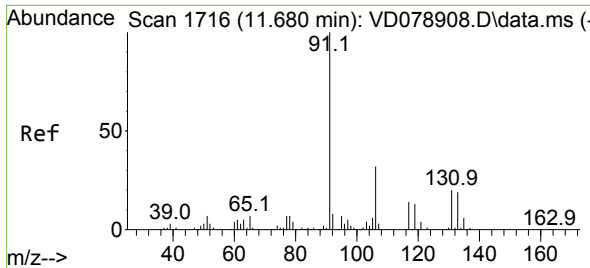
Tgt Ion:112 Resp: 81354
Ion Ratio Lower Upper
112 100
114 30.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.198 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:131 Resp: 27687
Ion Ratio Lower Upper
131 100
133 95.7 49.2 147.6
119 66.6 33.4 100.2

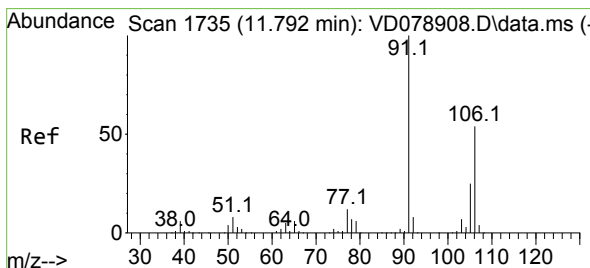
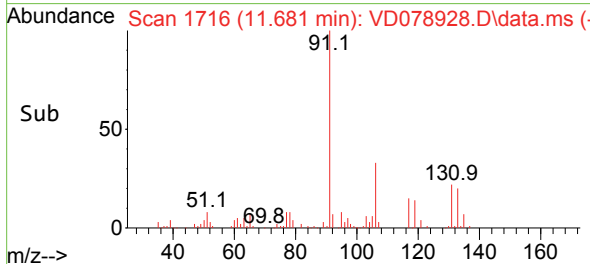
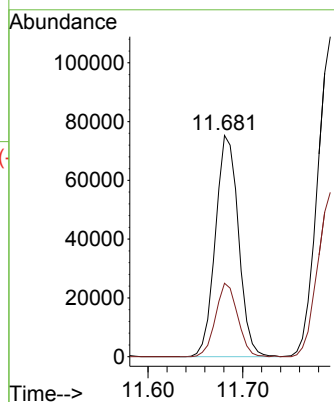
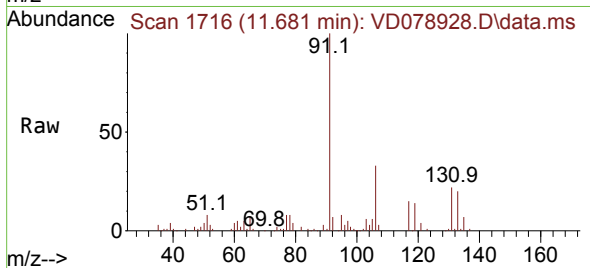




#67
Ethyl Benzene
Concen: 19.962 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

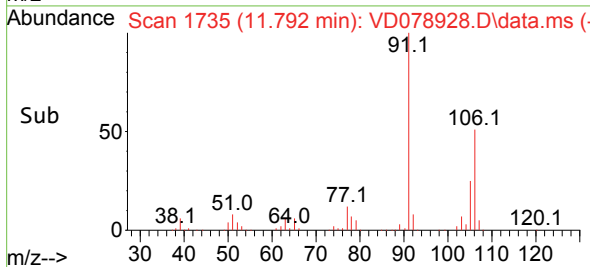
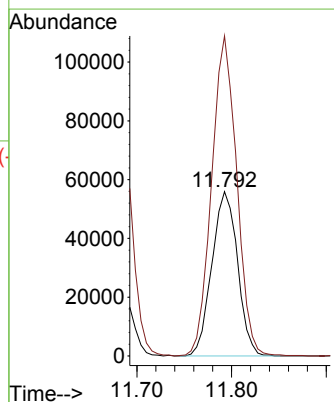
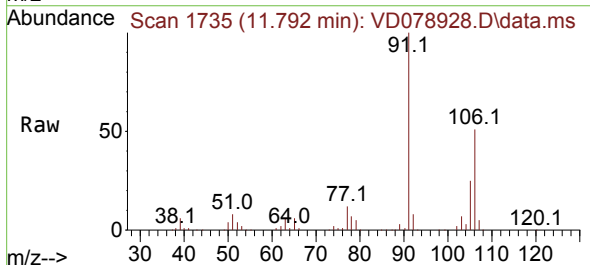
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

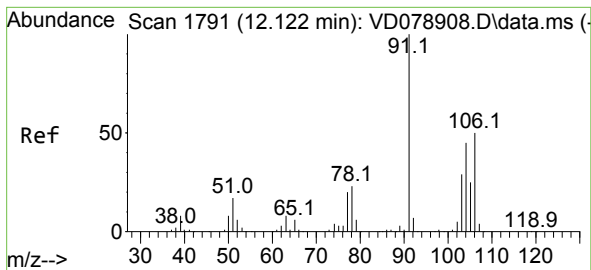
Tgt Ion: 91 Resp: 127312
Ion Ratio Lower Upper
91 100
106 33.2 25.8 38.6



#68
m/p-Xylenes
Concen: 40.566 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 106 Resp: 105184
Ion Ratio Lower Upper
106 100
91 190.9 148.5 222.7

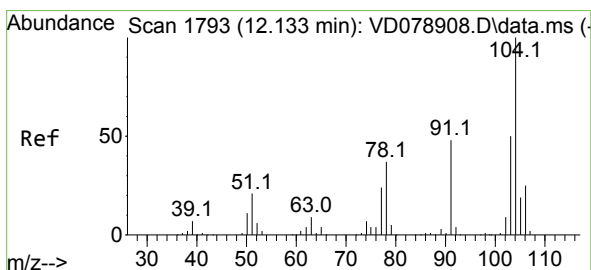
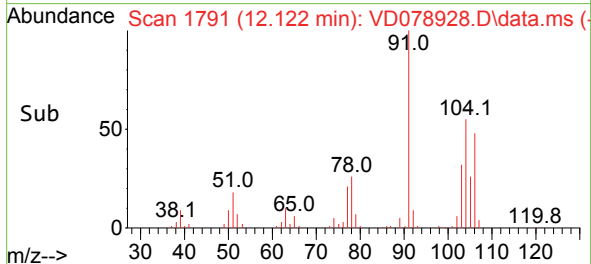
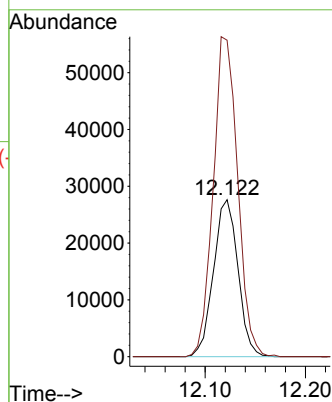
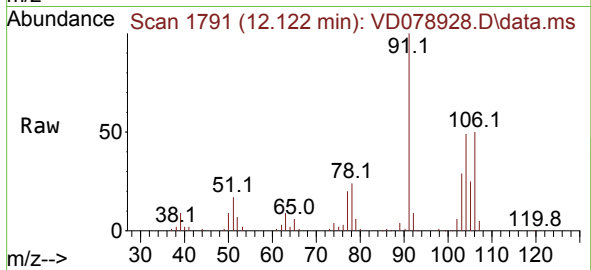




#69
o-Xylene
Concen: 19.813 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

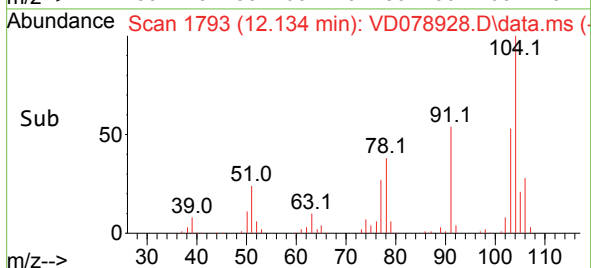
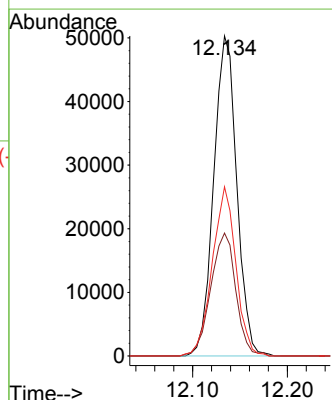
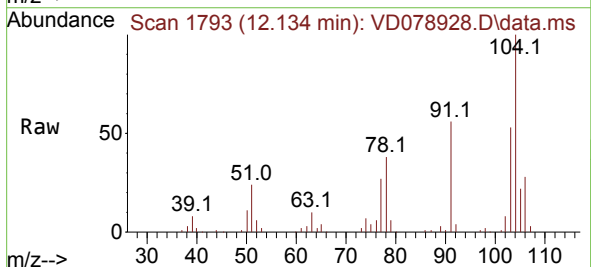
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

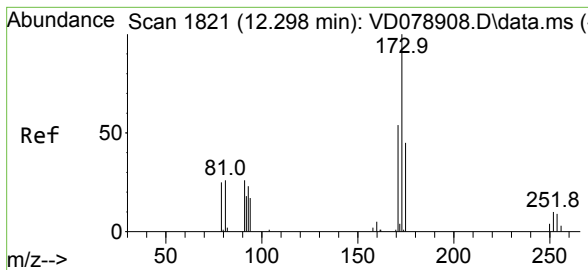
Tgt Ion:106 Resp: 46836
Ion Ratio Lower Upper
106 100
91 203.8 96.7 290.1



#70
Styrene
Concen: 20.338 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:104 Resp: 85204
Ion Ratio Lower Upper
104 100
78 41.8 33.0 49.6
103 54.0 44.2 66.4

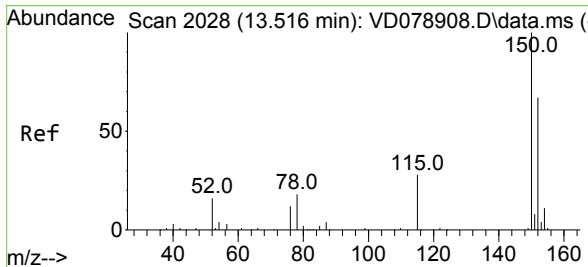
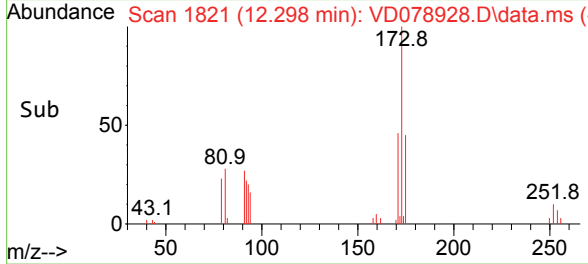
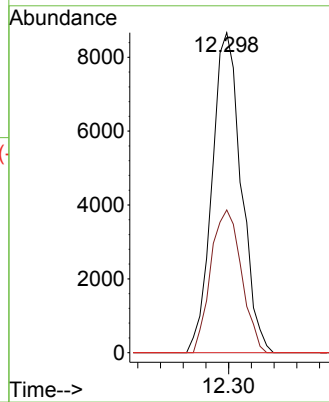
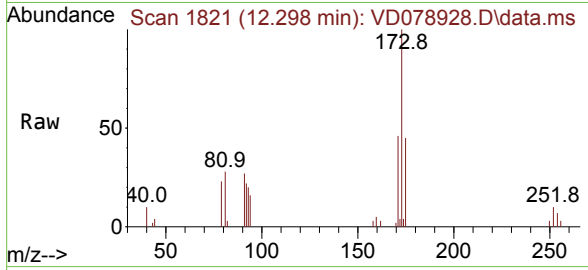




#71
Bromoform
Concen: 19.699 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

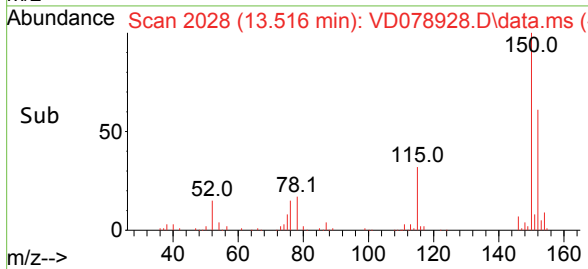
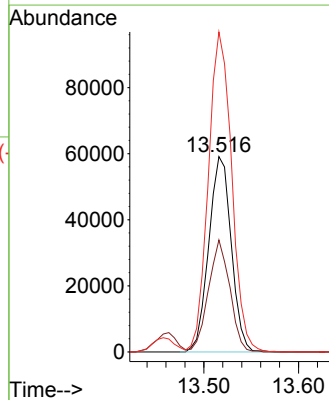
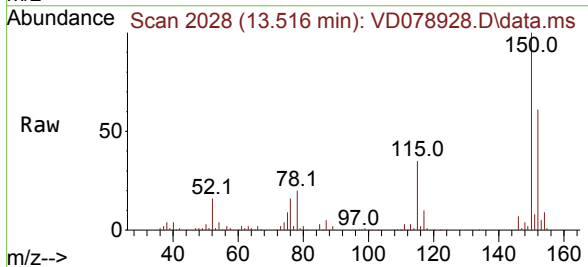
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

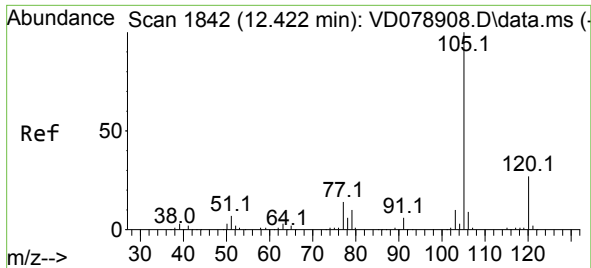
Tgt Ion:	173	Resp:	15468
Ion Ratio	Lower	Upper	
173	100		
175	46.8	23.7	71.1
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:	152	Resp:	97582
Ion Ratio	Lower	Upper	
152	100		
115	54.6	26.5	79.5
150	169.8	0.0	341.6

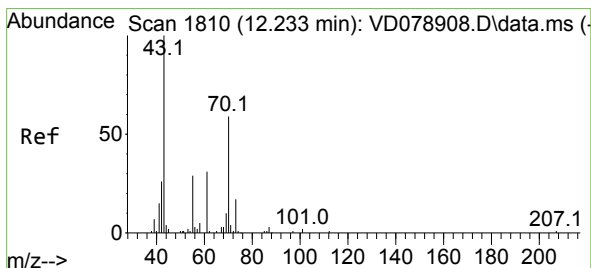
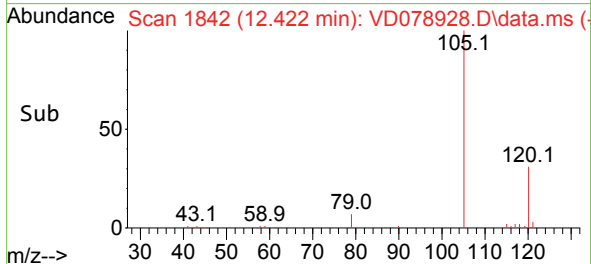
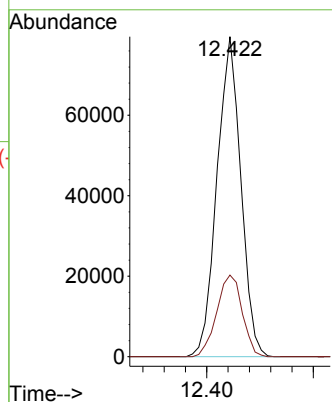
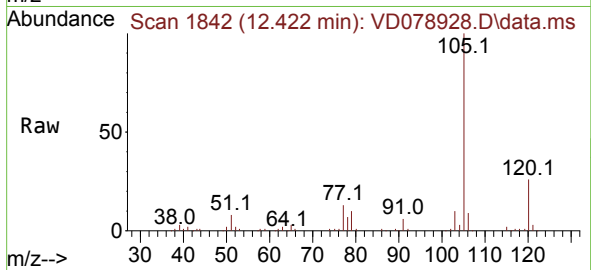




#73
Isopropylbenzene
Concen: 21.181 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

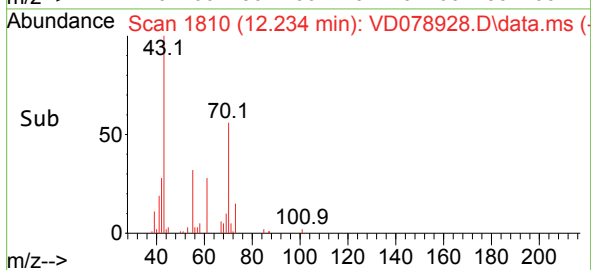
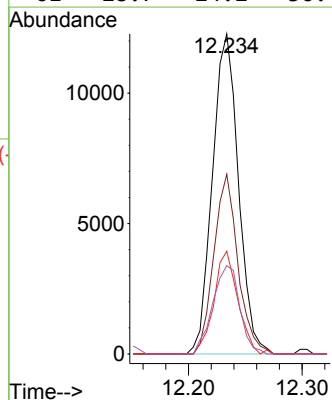
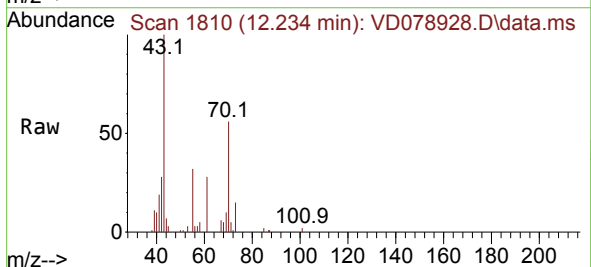
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

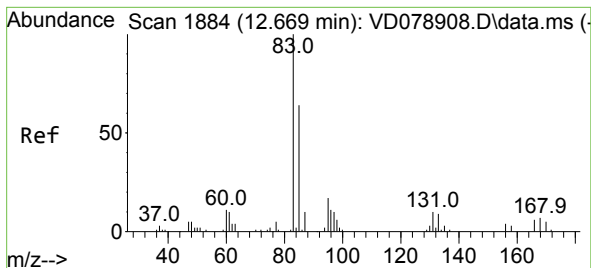
Tgt Ion:105 Resp: 123361
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.7



#74
N-ethyl acetate
Concen: 20.623 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 43 Resp: 19489
Ion Ratio Lower Upper
43 100
70 52.1 44.3 66.5
55 29.7 23.2 34.8
61 28.7 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.814 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

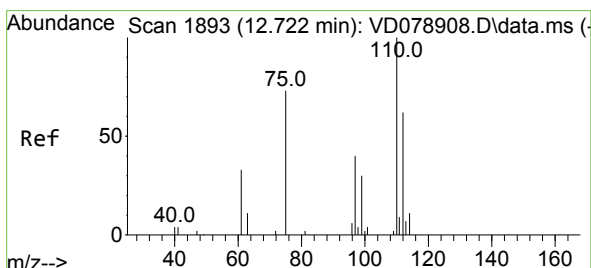
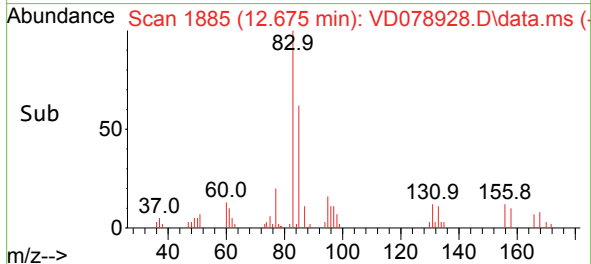
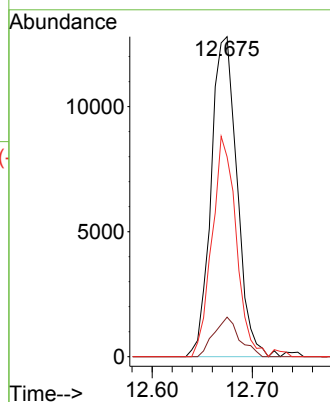
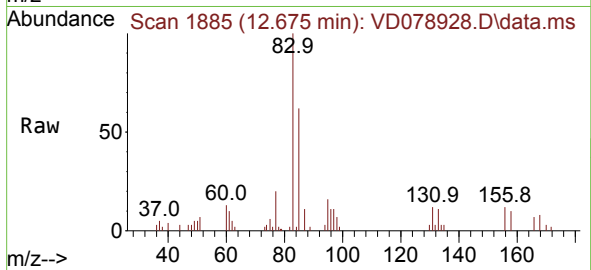
Tgt Ion: 83 Resp: 22917

Ion Ratio Lower Upper

83 100

131 12.2 5.5 16.5

85 64.1 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 38.526 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078928.D

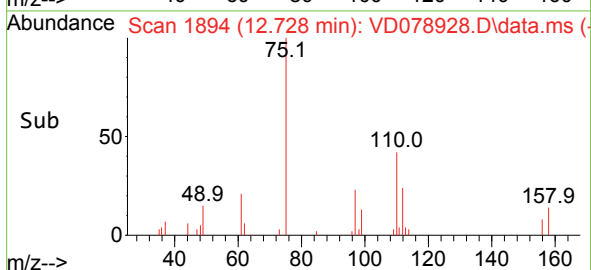
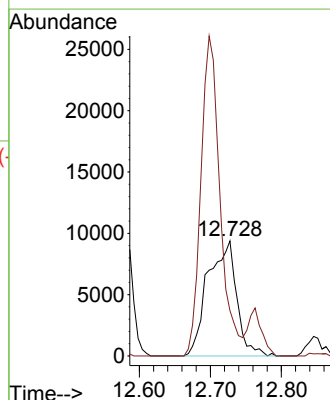
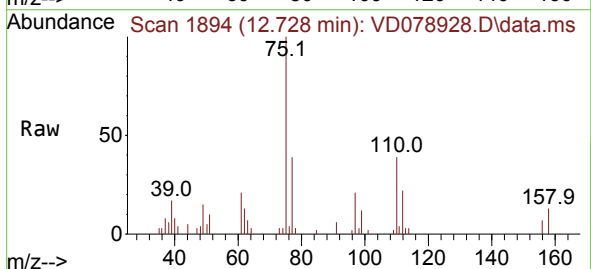
Acq: 15 May 2024 13:02

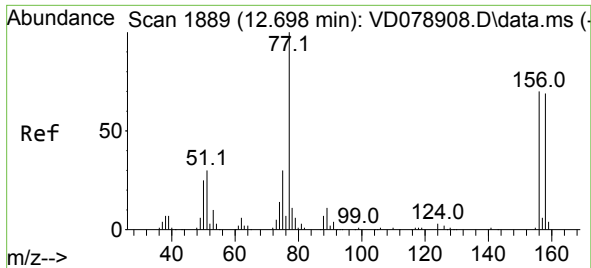
Tgt Ion: 75 Resp: 26467

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

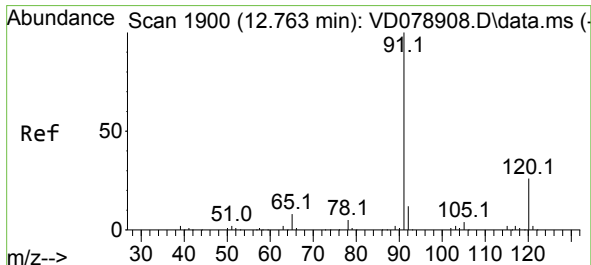
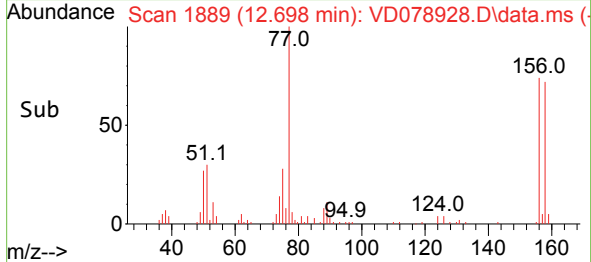
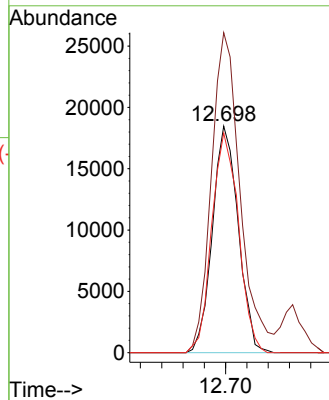
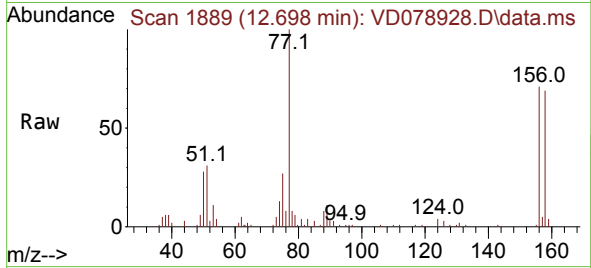




#77
Bromobenzene
Concen: 20.302 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

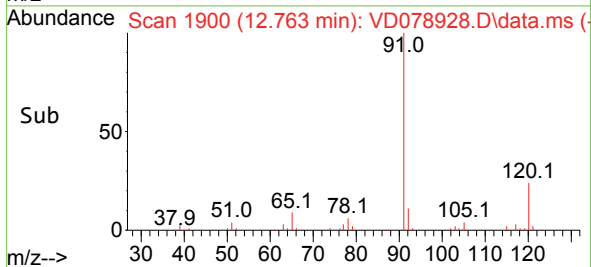
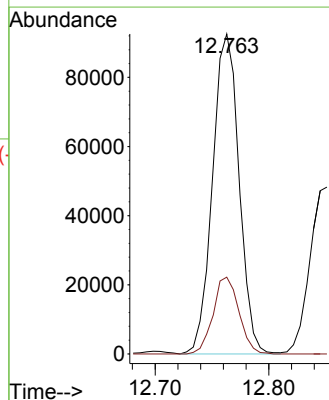
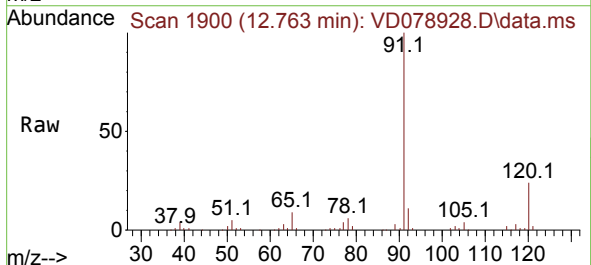
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

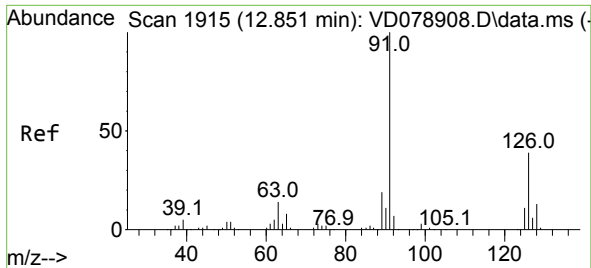
Tgt Ion:156 Resp: 31094
Ion Ratio Lower Upper
156 100
77 157.6 77.3 231.9
158 100.4 49.6 149.0



#78
n-propylbenzene
Concen: 21.346 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 91 Resp: 150264
Ion Ratio Lower Upper
91 100
120 23.3 12.3 36.8

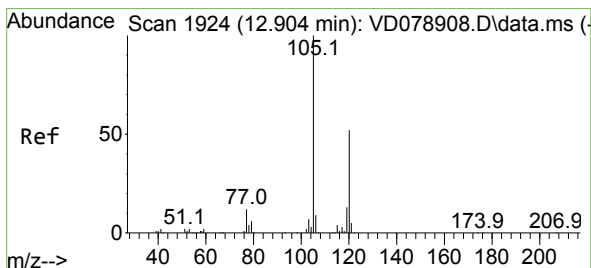
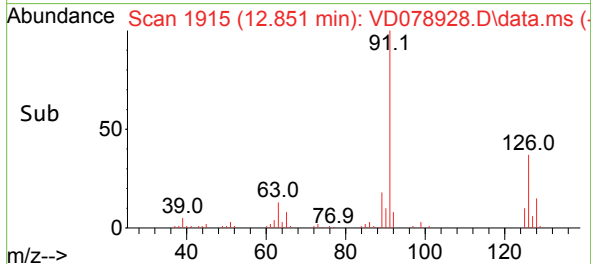
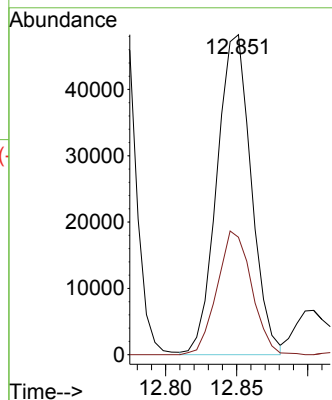
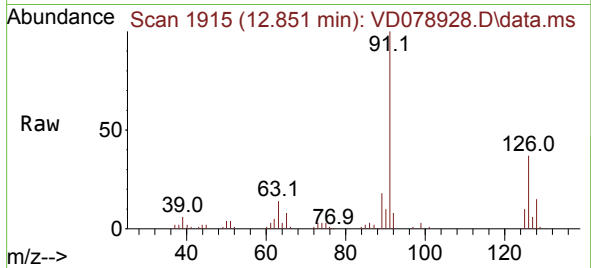




#79
2-Chlorotoluene
Concen: 20.725 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

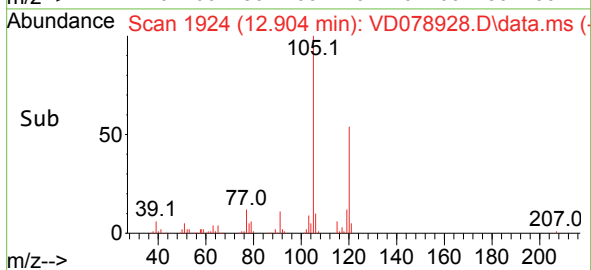
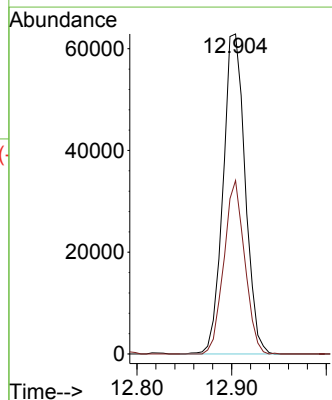
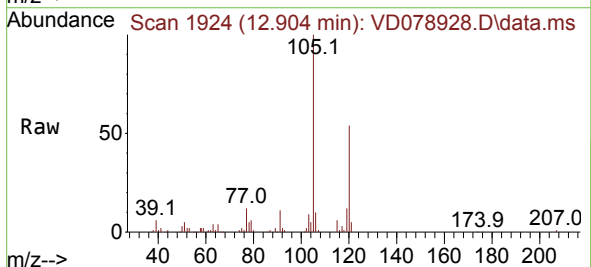
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

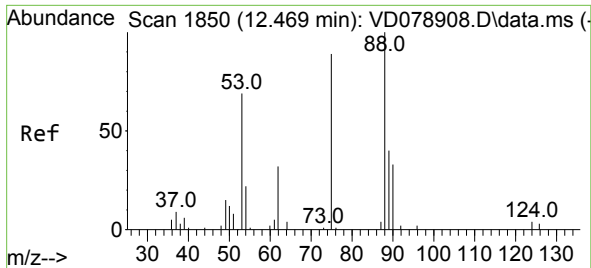
Tgt Ion: 91 Resp: 81089
Ion Ratio Lower Upper
91 100
126 38.9 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 21.035 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 105 Resp: 101787
Ion Ratio Lower Upper
105 100
120 51.1 25.7 77.1

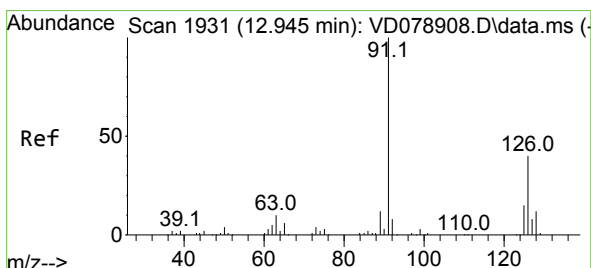
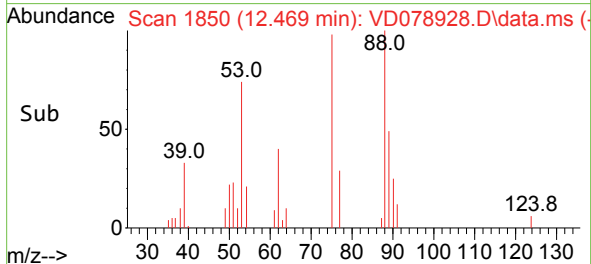
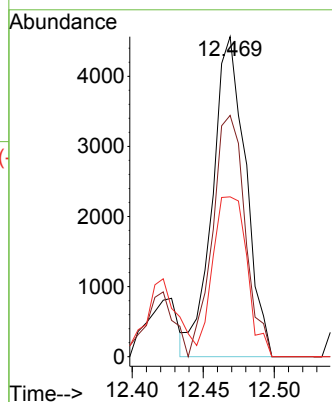
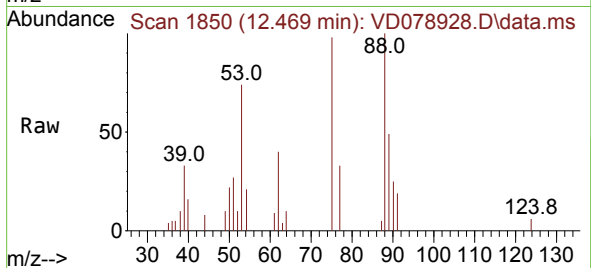




#81
trans-1,4-Dichloro-2-butene
Concen: 21.343 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

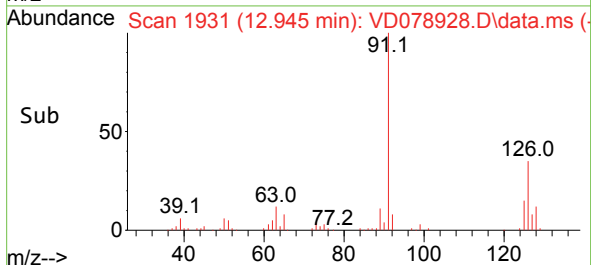
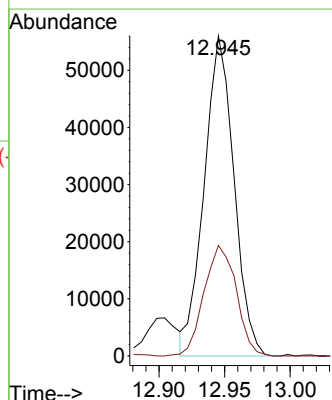
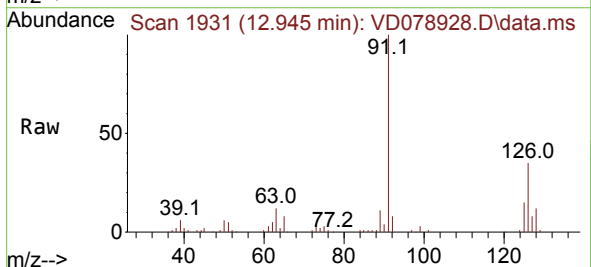
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

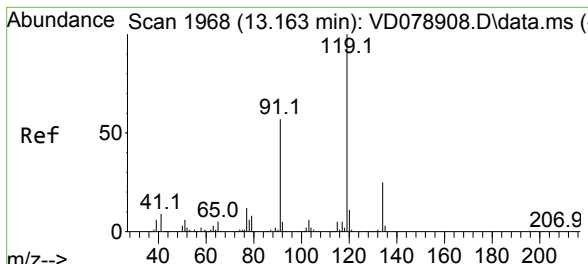
Tgt Ion:	75	Resp:	7394
Ion	Ratio	Lower	Upper
75	100		
53	74.3	61.4	92.2
89	51.5	35.4	53.0



#82
4-Chlorotoluene
Concen: 21.567 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:	91	Resp:	88529
Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.9	56.9

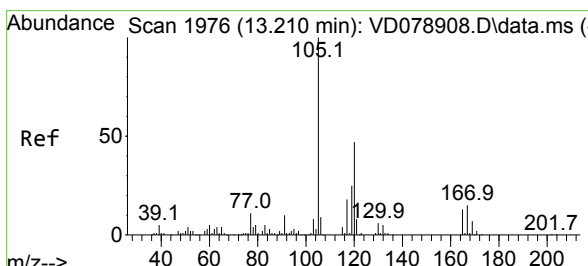
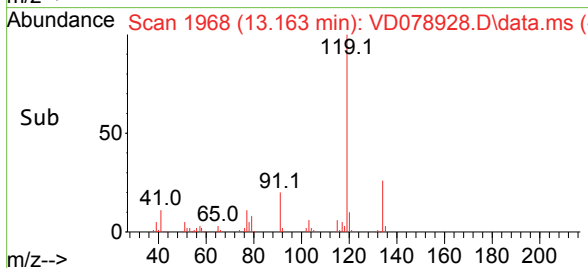
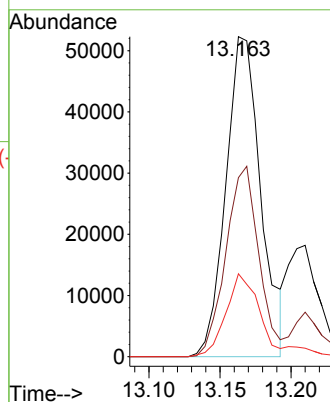
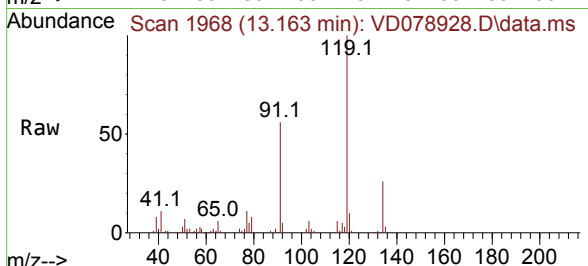




#83
 tert-Butylbenzene
 Concen: 20.950 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

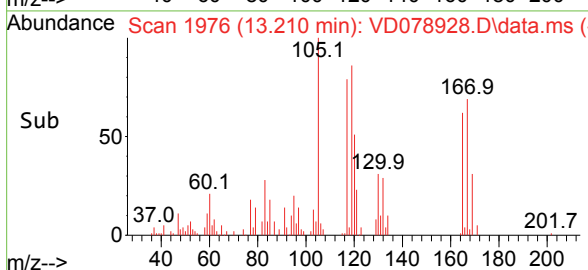
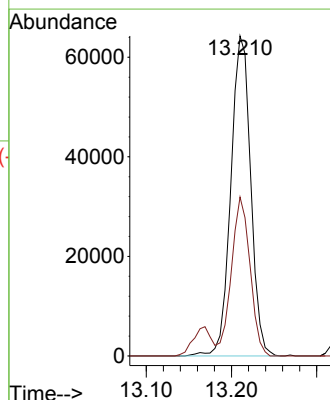
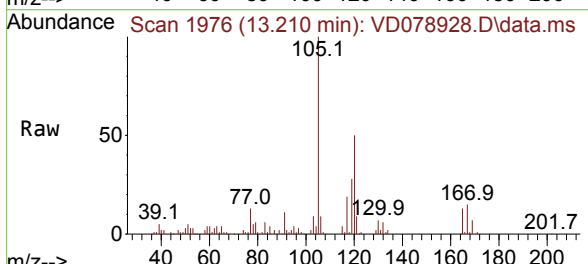
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

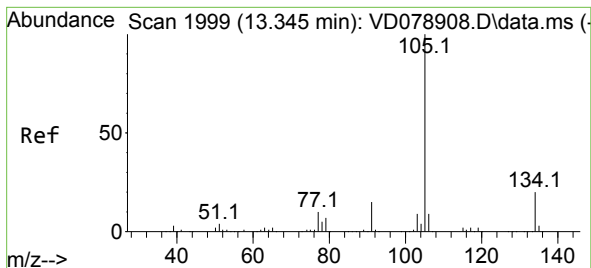
Tgt Ion:119	Resp:	89655
Ion Ratio	Lower	Upper
119	100	
91	56.2	28.2 84.7
134	26.7	13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.730 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Tgt Ion:105	Resp:	103902
Ion Ratio	Lower	Upper
105	100	
120	46.8	23.6 71.0





#85

sec-Butylbenzene

Concen: 21.334 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

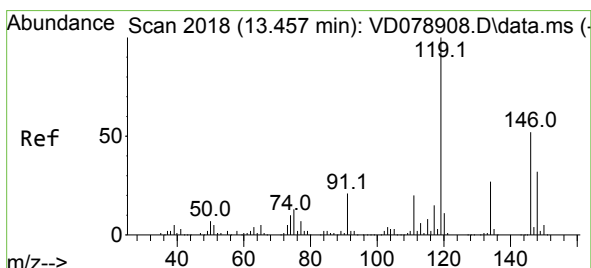
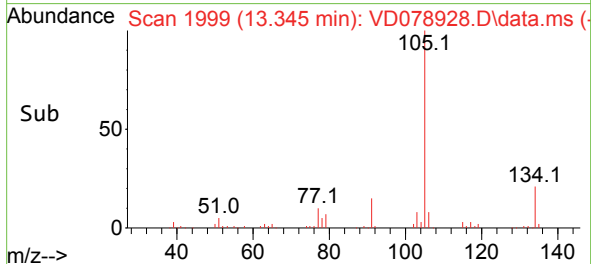
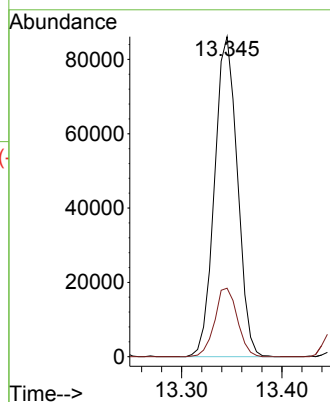
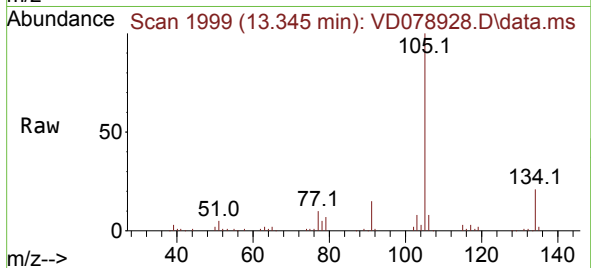
VD0515SBS01

Tgt Ion:105 Resp: 136191

Ion Ratio Lower Upper

105 100

134 21.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.322 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

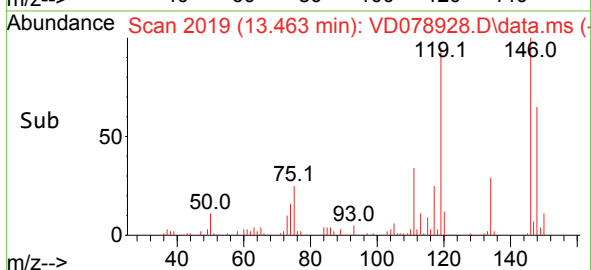
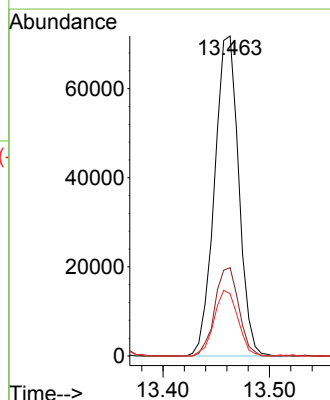
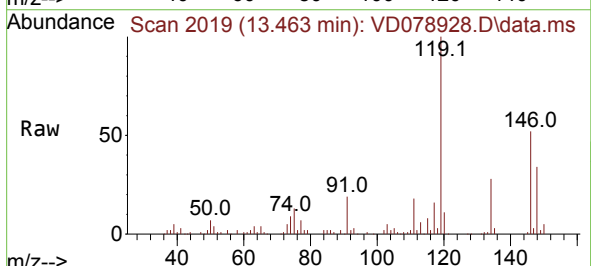
Tgt Ion:119 Resp: 113024

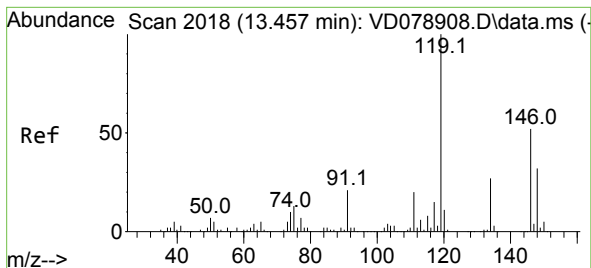
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 20.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.417 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBS01

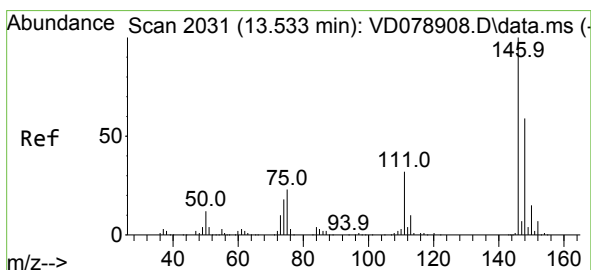
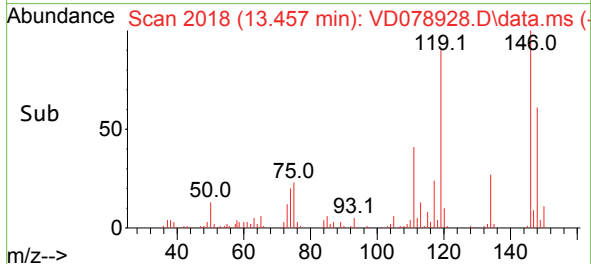
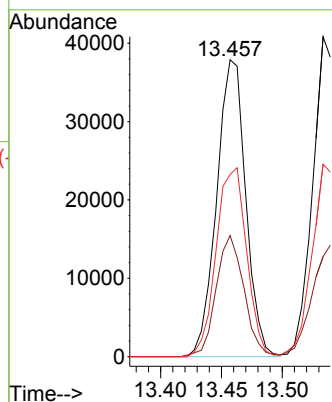
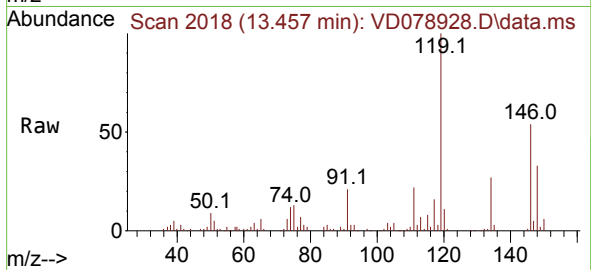
Tgt Ion:146 Resp: 62929

Ion Ratio Lower Upper

146 100

111 39.1 18.5 55.5

148 66.7 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 20.567 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078928.D

Acq: 15 May 2024 13:02

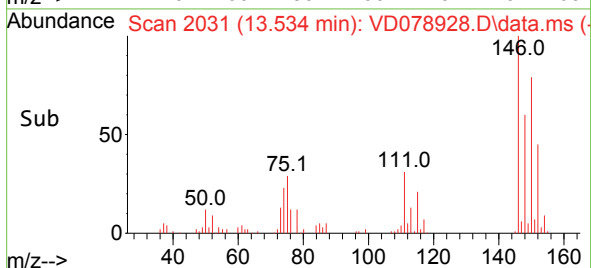
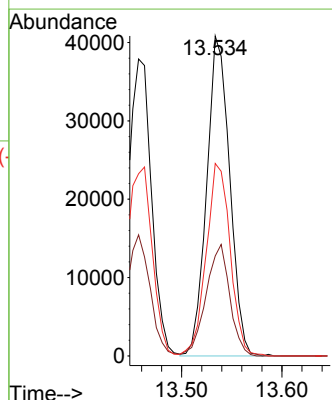
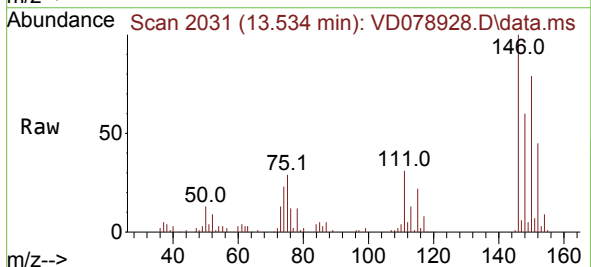
Tgt Ion:146 Resp: 65280

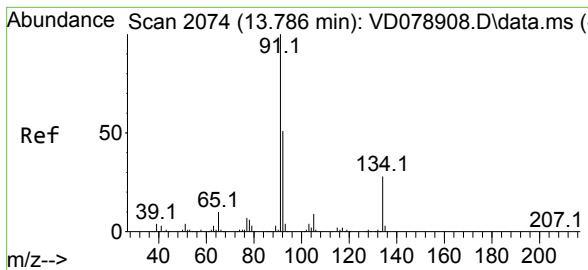
Ion Ratio Lower Upper

146 100

111 35.8 17.5 52.6

148 62.6 31.4 94.2

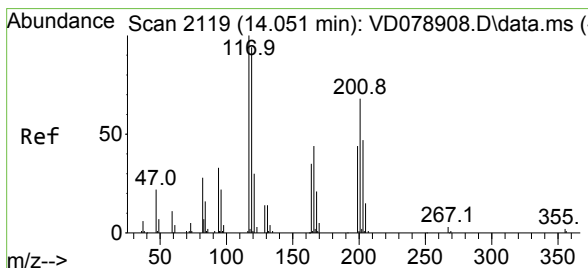
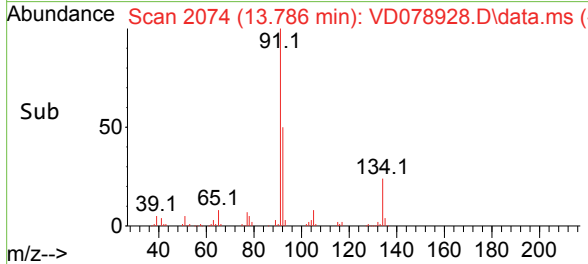
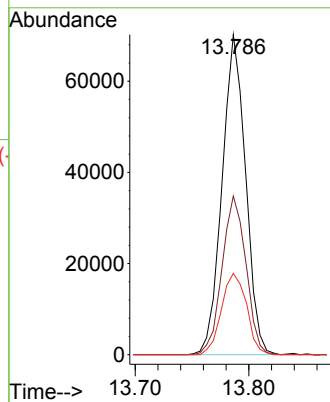
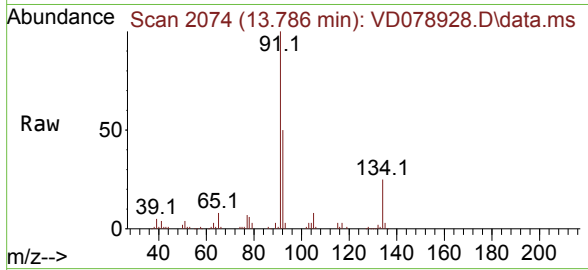




#89
n-Butylbenzene
Concen: 20.255 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

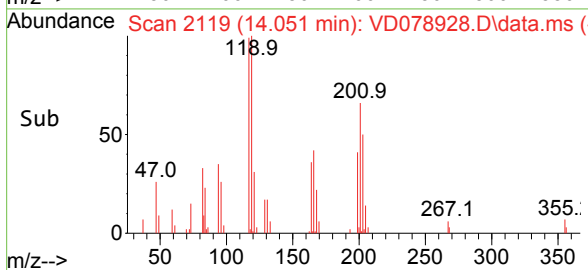
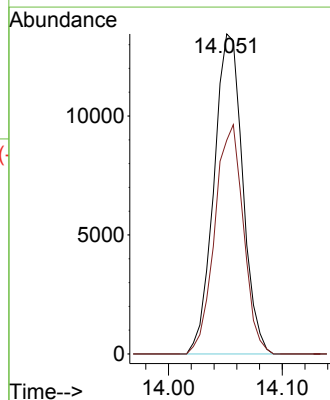
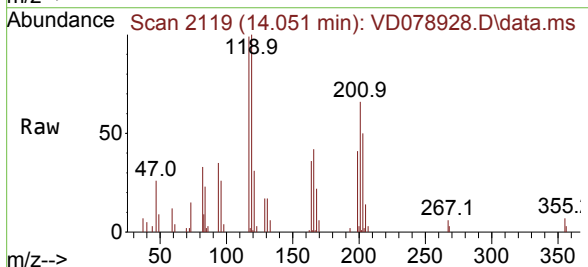
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

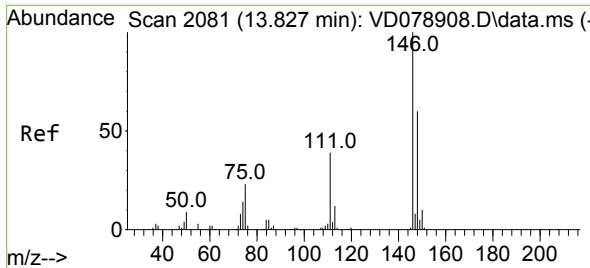
Tgt Ion: 91 Resp: 100944
Ion Ratio Lower Upper
91 100
92 50.4 25.7 77.0
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 20.114 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion: 117 Resp: 23597
Ion Ratio Lower Upper
117 100
201 71.3 36.3 108.9

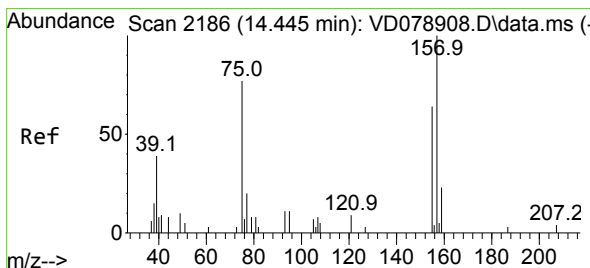
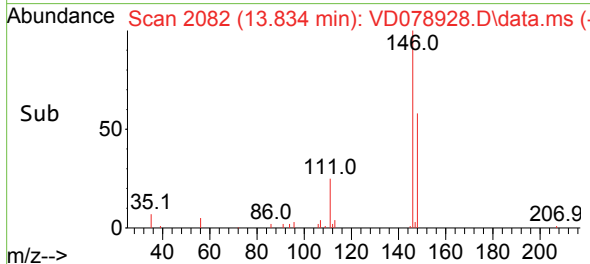
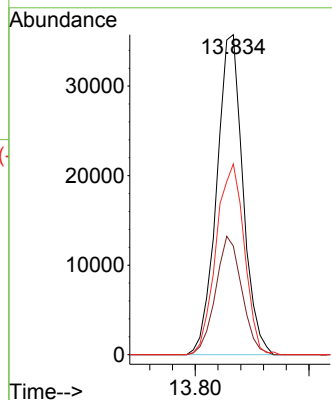
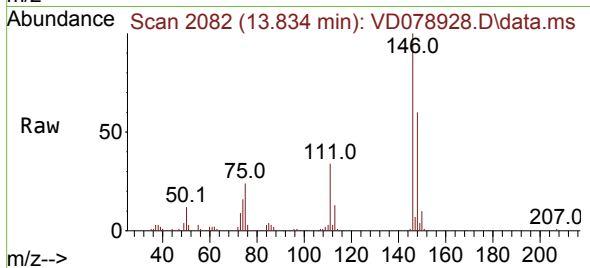




#91
 1,2-Dichlorobenzene
 Concen: 21.131 ug/l
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

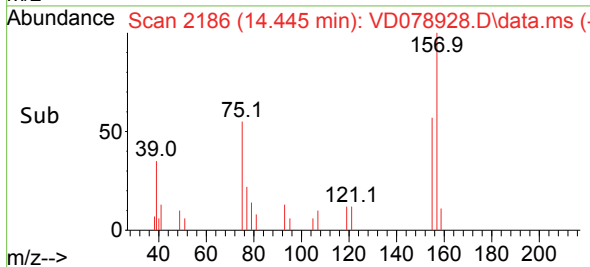
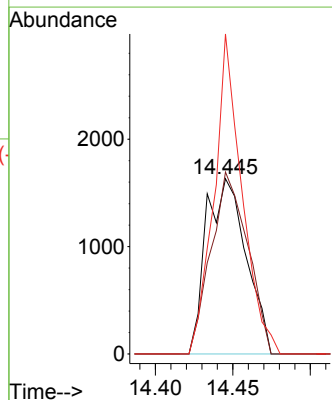
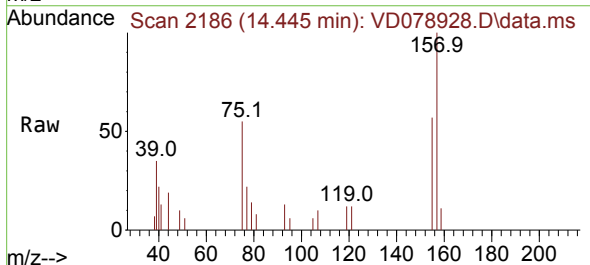
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

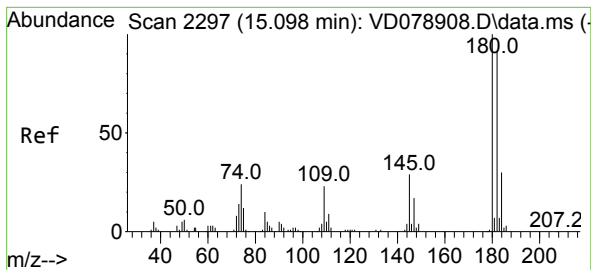
Tgt Ion:146 Resp: 57303
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 64.0 31.1 93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.892 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Tgt Ion: 75 Resp: 2922
 Ion Ratio Lower Upper
 75 100
 155 95.1 47.7 143.1
 157 127.9 63.4 190.2

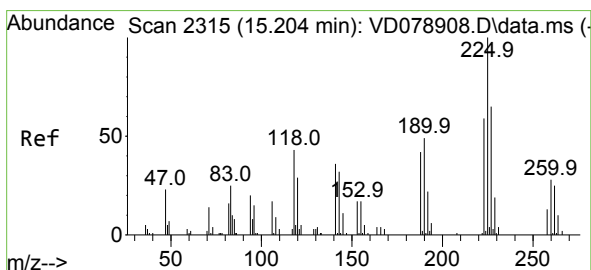
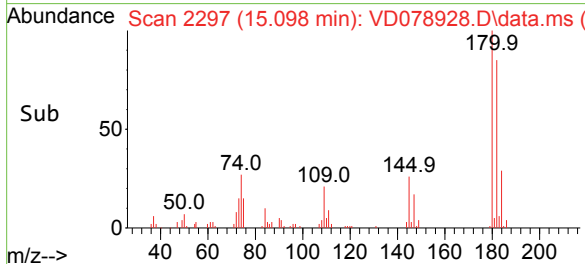
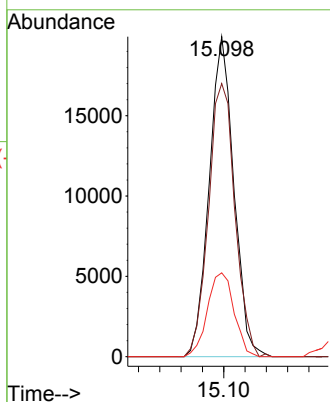
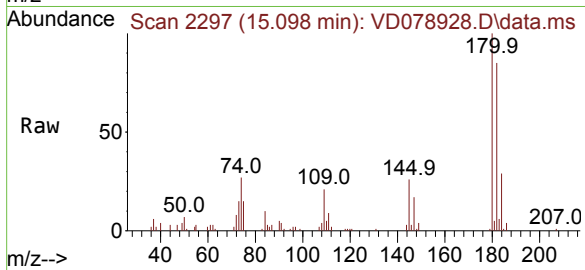




#93
1,2,4-Trichlorobenzene
Concen: 20.079 ug/l
RT: 15.098 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

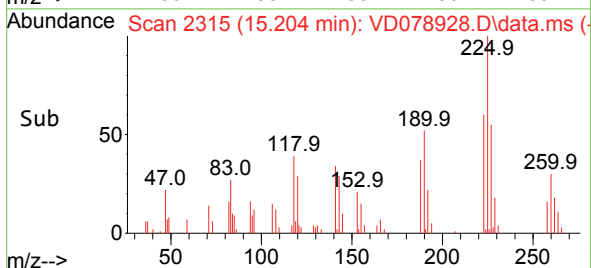
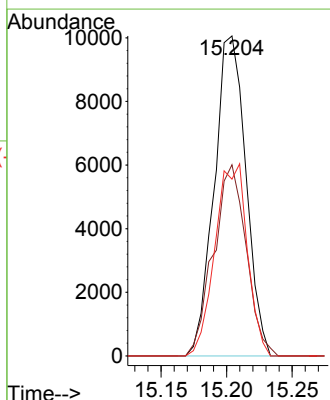
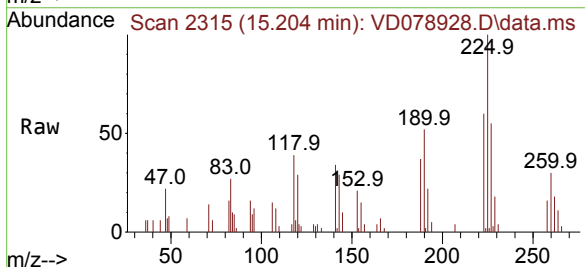
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

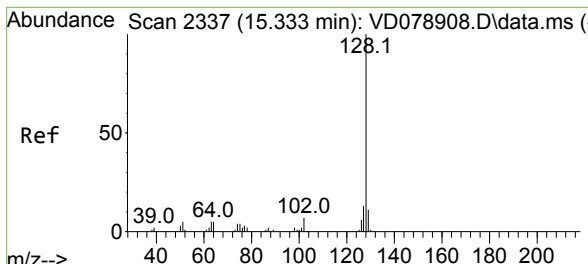
Tgt Ion:180 Resp: 31970
Ion Ratio Lower Upper
180 100
182 91.7 46.9 140.7
145 28.3 14.0 41.9



#94
Hexachlorobutadiene
Concen: 20.295 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078928.D
Acq: 15 May 2024 13:02

Tgt Ion:225 Resp: 16887
Ion Ratio Lower Upper
225 100
223 61.6 33.3 99.9
227 61.0 33.6 100.6

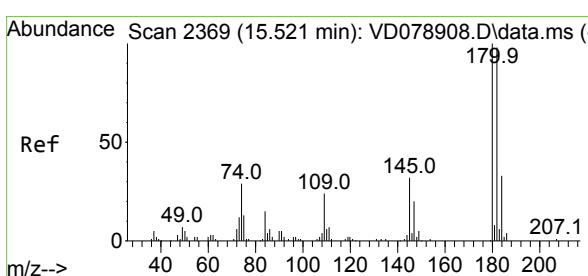
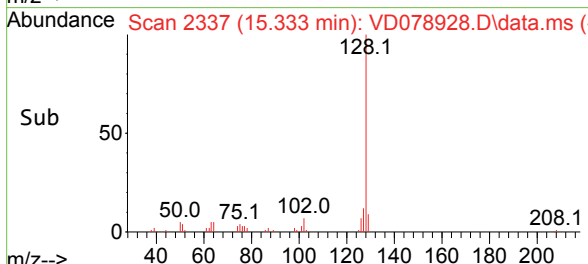
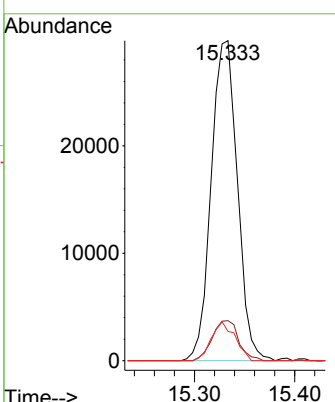
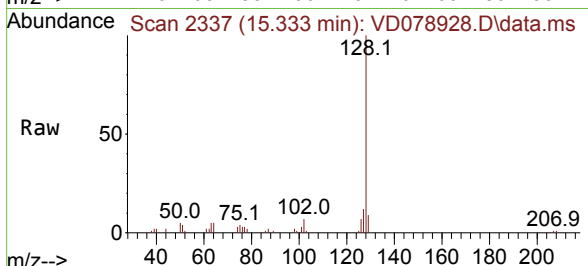




#95
 Naphthalene
 Concen: 19.890 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Tgt Ion:	128	Resp:	53944
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	9.1	8.5	12.7



#96
 1,2,3-Trichlorobenzene
 Concen: 18.563 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078928.D
 Acq: 15 May 2024 13:02

Tgt Ion:	180	Resp:	26292
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.8	143.3
145	32.3	16.1	48.2

