

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078923.D
 Acq On : 15 May 2024 10:37
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 01:22:39 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	148158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	233135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73742	53.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.805	113	83981	54.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.269	98	327709	56.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.575	95	94248	57.666	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	68712	49.633	ug/l	99
3) Chloromethane	2.152	50	95712	51.588	ug/l	95
4) Vinyl Chloride	2.287	62	154157	52.324	ug/l	97
5) Bromomethane	2.699	94	134486	47.392	ug/l	97
6) Chloroethane	2.840	64	123424	46.575	ug/l	97
7) Trichlorofluoromethane	3.175	101	124968	43.069	ug/l	99
8) Diethyl Ether	3.593	74	34626	52.662	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	76531	49.948	ug/l	98
10) Methyl Iodide	4.164	142	92914	50.757	ug/l	99
11) Tert butyl alcohol	5.034	59	6813	112.285	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	74916	49.950	ug/l	99
13) Acrolein	3.799	56	29767	215.168	ug/l	99
14) Allyl chloride	4.564	41	71942	49.157	ug/l	94
15) Acrylonitrile	5.252	53	68781	256.044	ug/l	96
16) Acetone	4.017	43	60413	272.640	ug/l	90
17) Carbon Disulfide	4.275	76	218052	49.956	ug/l	96
18) Methyl Acetate	4.569	43	25890	50.744	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	150086	51.357	ug/l	95
20) Methylene Chloride	4.799	84	87089	49.323	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	85103	50.908	ug/l	97
22) Diisopropyl ether	6.211	45	173370	52.376	ug/l	94
23) Vinyl Acetate	6.158	43	530730	267.320	ug/l	100
24) 1,1-Dichloroethane	6.116	63	129849	49.484	ug/l	98
25) 2-Butanone	7.081	43	79803	269.275	ug/l	93
26) 2,2-Dichloropropane	7.075	77	117544	50.973	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	98342	50.098	ug/l	97
28) Bromochloromethane	7.422	49	42502	48.568	ug/l	97
29) Tetrahydrofuran	7.446	42	45963	268.137	ug/l	99
30) Chloroform	7.593	83	147746	49.711	ug/l	99
31) Cyclohexane	7.881	56	96806	47.679	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	130085	51.109	ug/l	99
36) 1,1-Dichloropropene	8.011	75	99698	51.625	ug/l	98
37) Ethyl Acetate	7.169	43	33473	50.860	ug/l	100
38) Carbon Tetrachloride	7.993	117	118189	52.296	ug/l	96
39) Methylcyclohexane	9.275	83	121958	51.975	ug/l	97
40) Benzene	8.252	78	326465	52.266	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17914	50.585	ug/l	93
42) 1,2-Dichloroethane	8.328	62	78757	52.092	ug/l	96
43) Isopropyl Acetate	8.363	43	62304	53.352	ug/l	99
44) Trichloroethene	9.028	130	84464	50.981	ug/l	94
45) 1,2-Dichloropropane	9.305	63	70225	51.162	ug/l	92
46) Dibromomethane	9.393	93	46181	51.108	ug/l	99
47) Bromodichloromethane	9.587	83	112446	51.696	ug/l	99
48) Methyl methacrylate	9.381	41	31184	54.854	ug/l	88
49) 1,4-Dioxane	9.387	88	8966	1128.024	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	171892	276.351	ug/l	98
52) Toluene	10.334	92	217896	54.497	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	98435	53.257	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	117787	53.094	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	62537	53.569	ug/l	96
56) Ethyl methacrylate	10.599	69	69700	58.031	ug/l	97
57) 1,3-Dichloropropane	10.881	76	96605	53.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	128838	249.653	ug/l	99
59) 2-Hexanone	10.922	43	126174	291.432	ug/l	98
60) Dibromochloromethane	11.075	129	84644	53.188	ug/l	100
61) 1,2-Dibromoethane	11.181	107	57142	53.684	ug/l	95
64) Tetrachloroethene	10.810	164	74465	53.569	ug/l	95
65) Chlorobenzene	11.604	112	239720	52.599	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84168	53.421	ug/l	98
67) Ethyl Benzene	11.681	91	401942	54.832	ug/l	99
68) m/p-Xylenes	11.793	106	339433	113.892	ug/l	99
69) o-Xylene	12.122	106	149198	54.912	ug/l	94
70) Styrene	12.134	104	276317	57.382	ug/l	98
71) Bromoform	12.299	173	49373	54.705	ug/l #	100
73) Isopropylbenzene	12.422	105	387533	53.950	ug/l	100
74) N-amyl acetate	12.234	43	61634	52.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	67980	52.466	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	79917	94.323	ug/l #	100
77) Bromobenzene	12.698	156	96227	50.943	ug/l	97
78) n-propylbenzene	12.763	91	465710	53.640	ug/l	100
79) 2-Chlorotoluene	12.851	91	253011	52.432	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	323424	54.194	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	24164	56.556	ug/l	96
82) 4-Chlorotoluene	12.946	91	267294	52.799	ug/l	98
83) tert-Butylbenzene	13.169	119	289614	54.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	334743	54.151	ug/l	99
85) sec-Butylbenzene	13.346	105	423939	53.847	ug/l	99
86) p-Isopropyltoluene	13.463	119	375892	54.800	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	205933	51.519	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	201869	51.569	ug/l	99
89) n-Butylbenzene	13.787	91	324349	52.770	ug/l	99
90) Hexachloroethane	14.051	117	73646	50.900	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	173765	51.956	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9312	53.984	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	103486	52.699	ug/l	98
94) Hexachlorobutadiene	15.204	225	51369	50.056	ug/l	97
95) Naphthalene	15.334	128	189236	56.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	92839	53.147	ug/l	98

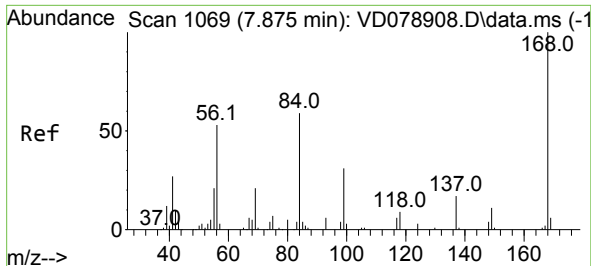
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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

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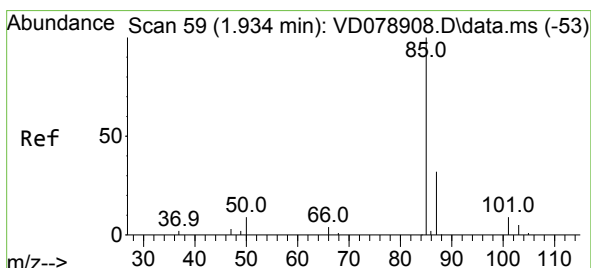
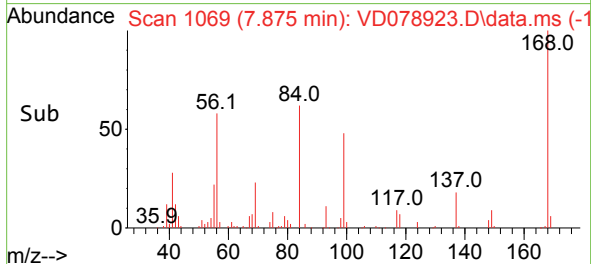
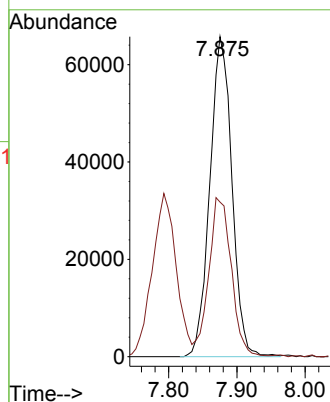
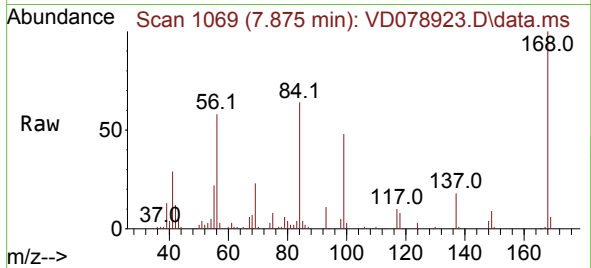
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

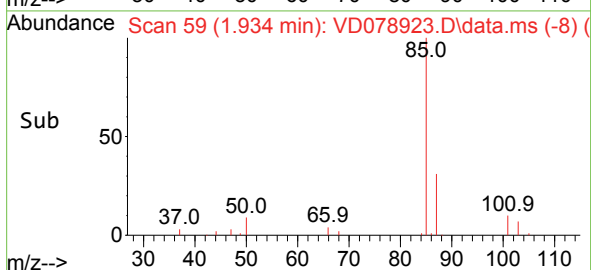
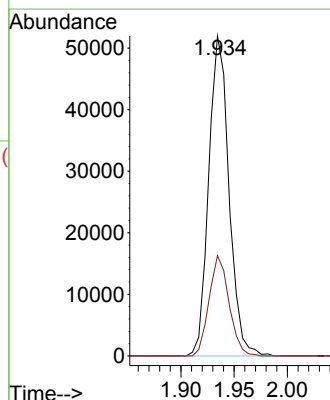
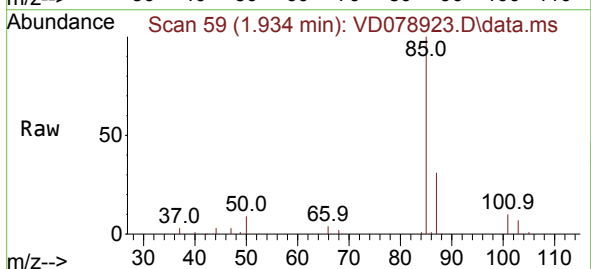
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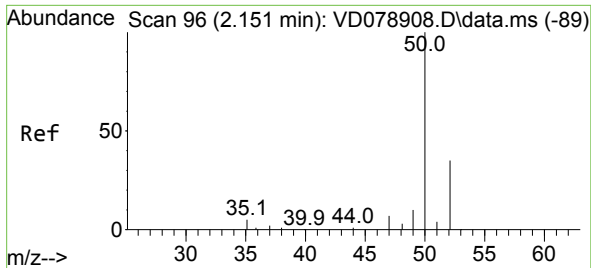
Tgt Ion:168 Resp: 148158
Ion Ratio Lower Upper
168 100
99 47.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 49.633 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 85 Resp: 68712
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0

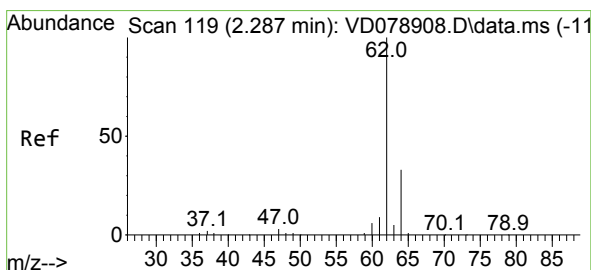
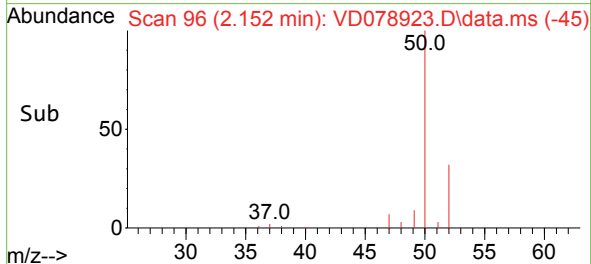
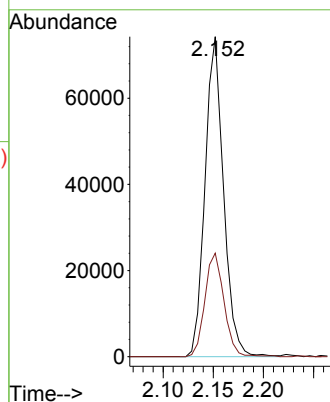
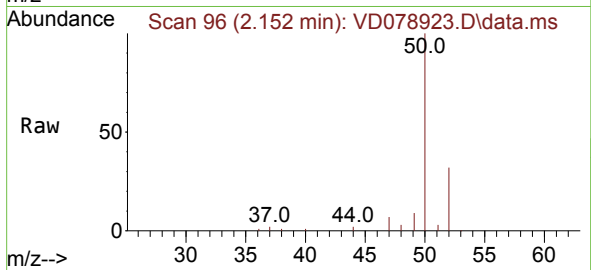




#3
Chloromethane
Concen: 51.588 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

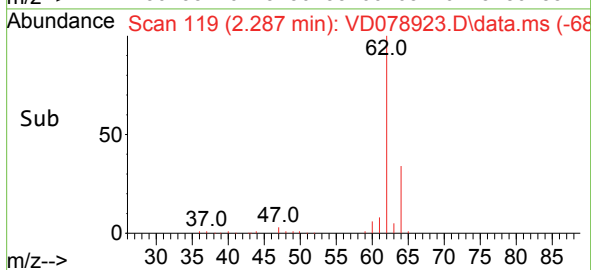
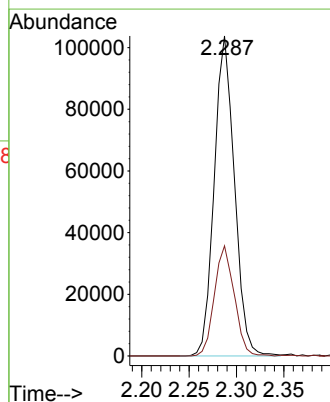
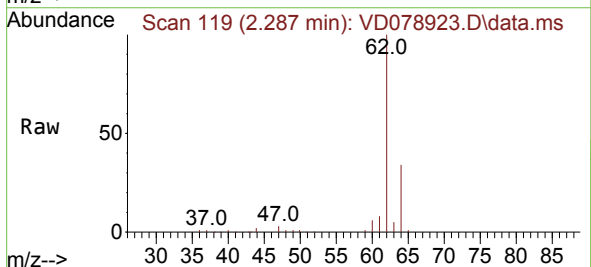
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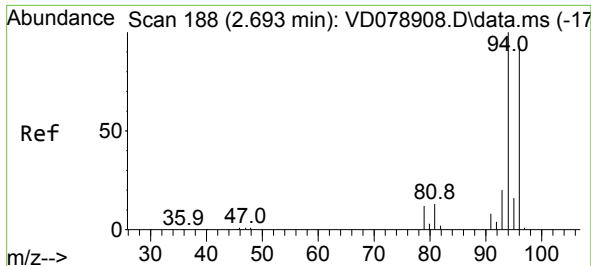
Tgt Ion: 50 Resp: 95712
Ion Ratio Lower Upper
50 100
52 32.4 28.2 42.2



#4
Vinyl Chloride
Concen: 52.324 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 62 Resp: 154157
Ion Ratio Lower Upper
62 100
64 34.4 26.3 39.5

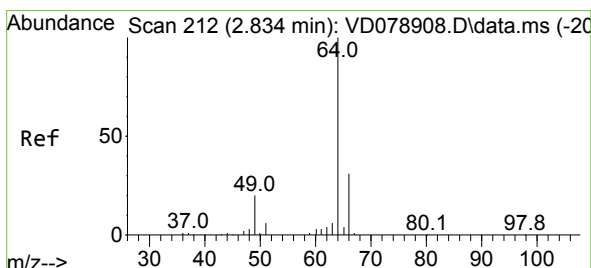
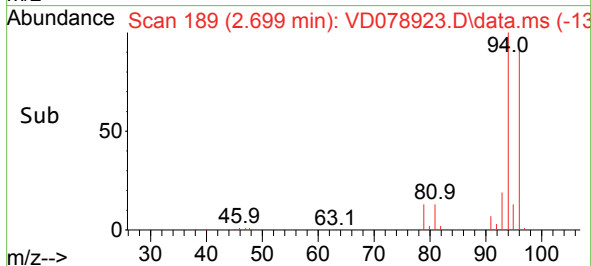
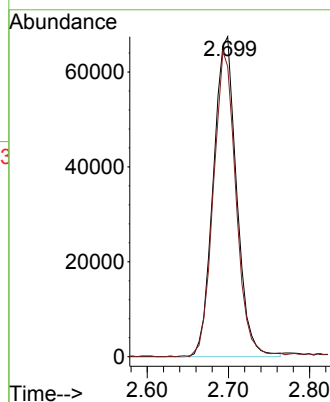
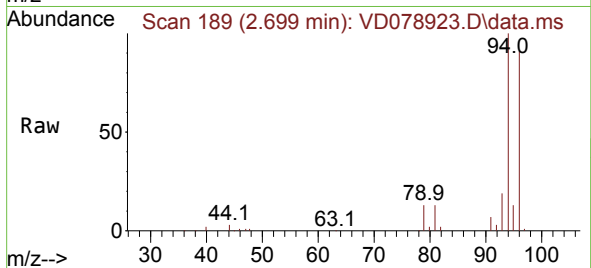




#5
Bromomethane
Concen: 47.392 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

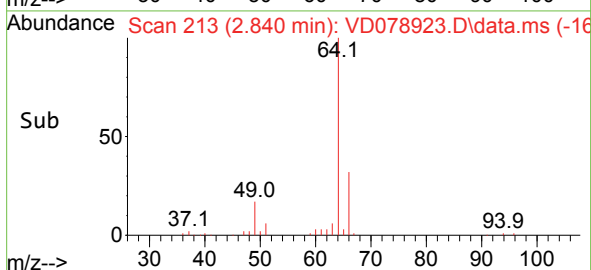
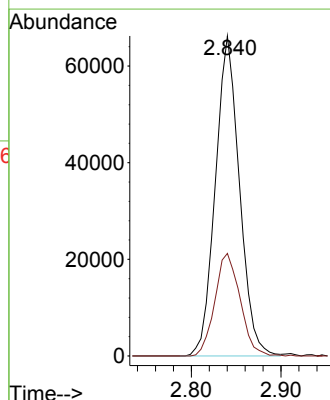
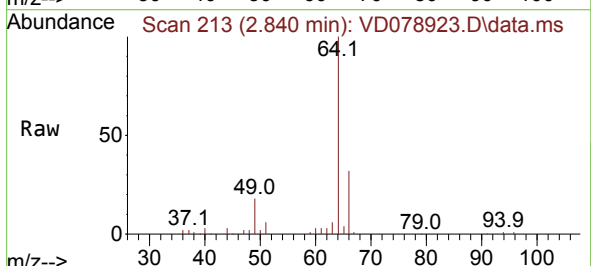
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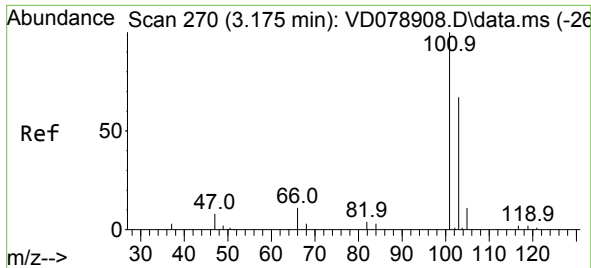
Tgt Ion: 94 Resp: 134486
Ion Ratio Lower Upper
94 100
96 92.8 76.9 115.3



#6
Chloroethane
Concen: 46.575 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 64 Resp: 123424
Ion Ratio Lower Upper
64 100
66 32.0 24.5 36.7

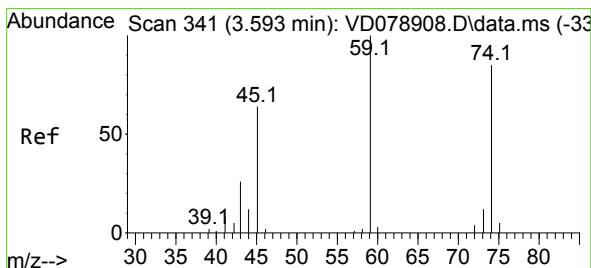
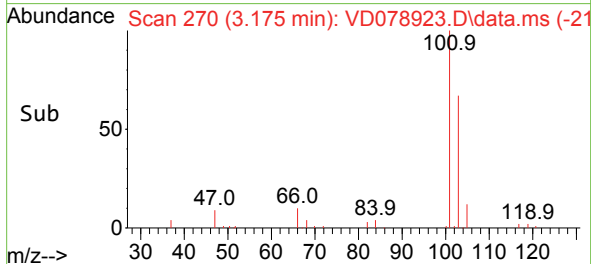
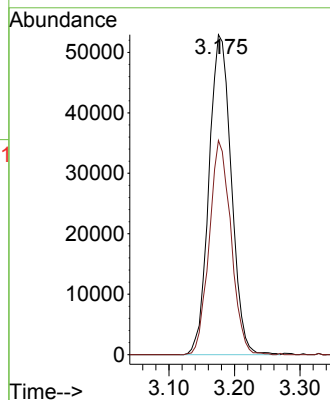
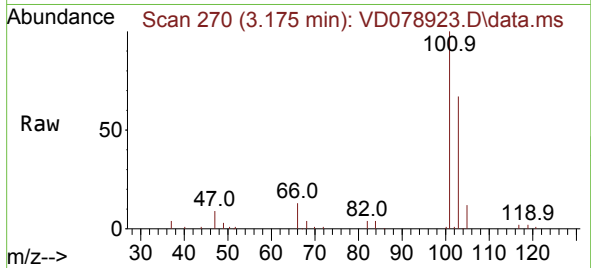




#7
Trichlorofluoromethane
Concen: 43.069 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

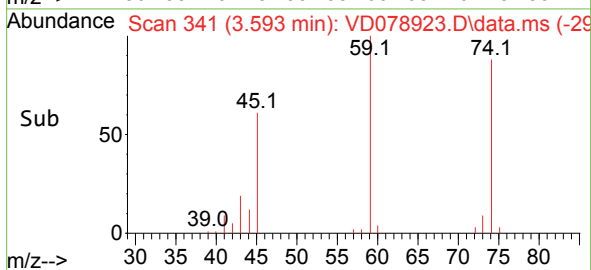
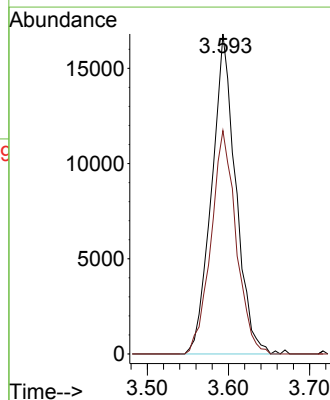
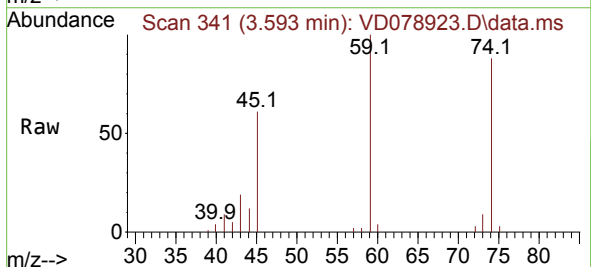
Instrument :
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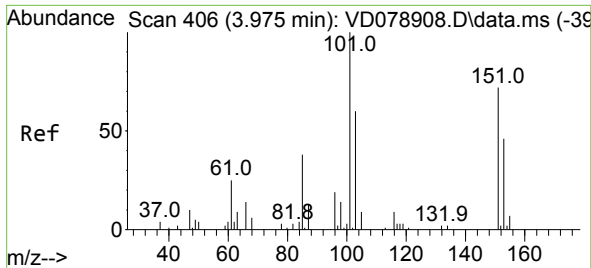
Tgt Ion:101 Resp: 124968
Ion Ratio Lower Upper
101 100
103 66.9 53.2 79.8



#8
Diethyl Ether
Concen: 52.662 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 74 Resp: 34626
Ion Ratio Lower Upper
74 100
45 72.6 37.9 113.6

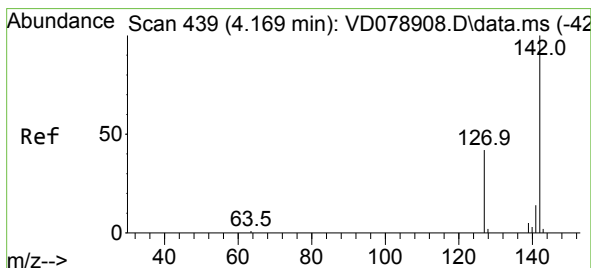
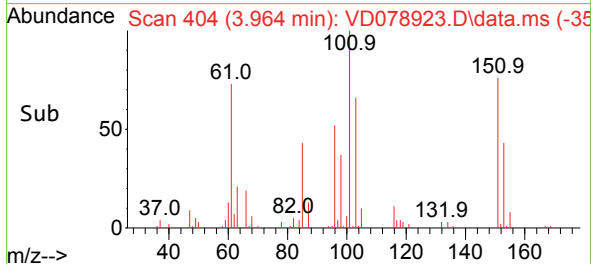
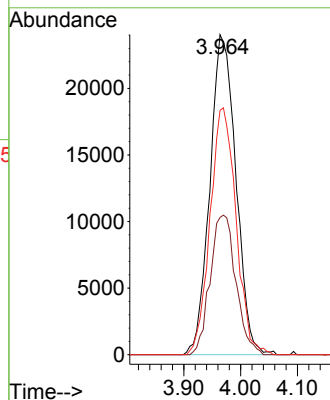
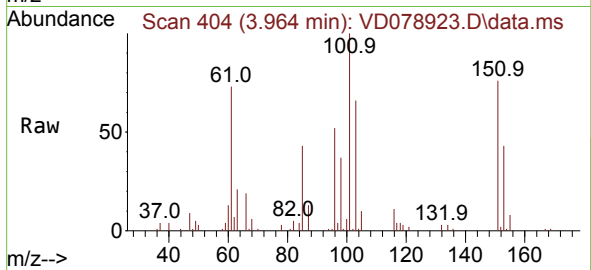




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.948 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.011 min
Lab File: VD078923.D
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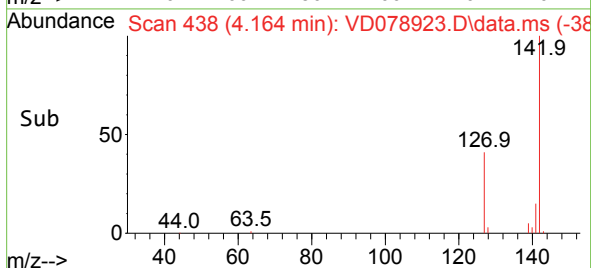
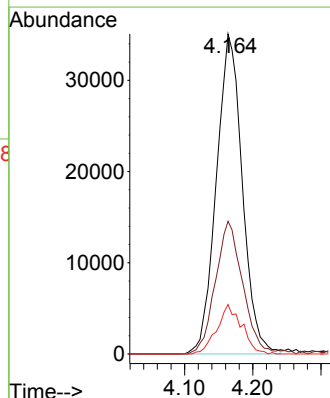
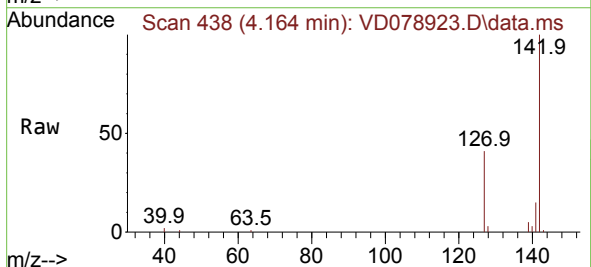
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

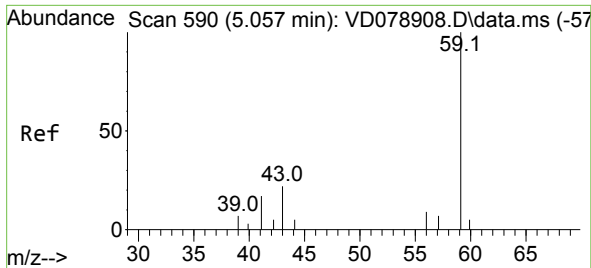
Tgt Ion:101 Resp: 76531
Ion Ratio Lower Upper
101 100
85 43.0 33.5 50.3
151 76.9 60.3 90.5



#10
Methyl Iodide
Concen: 50.757 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:142 Resp: 92914
Ion Ratio Lower Upper
142 100
127 43.4 34.2 51.4
141 14.8 11.7 17.5

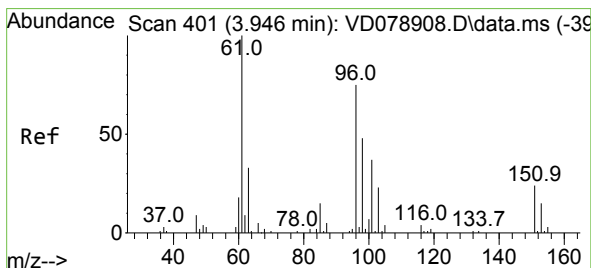
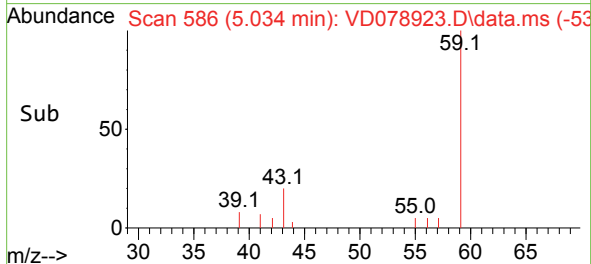
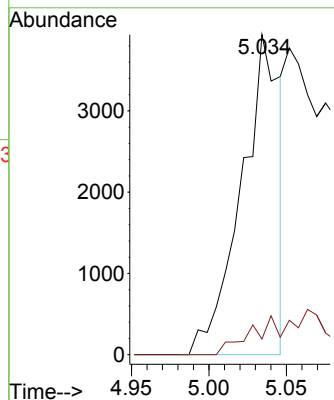
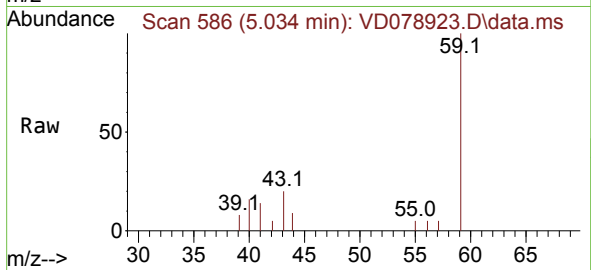




#11
Tert butyl alcohol
Concen: 112.285 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

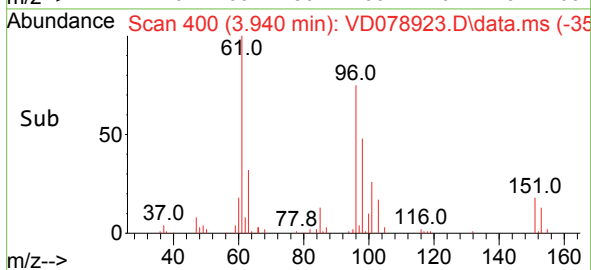
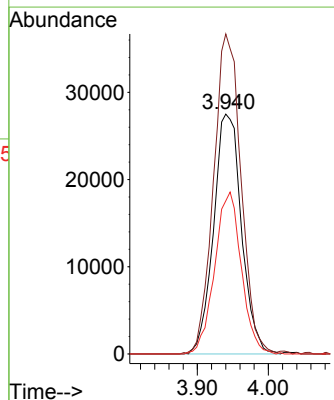
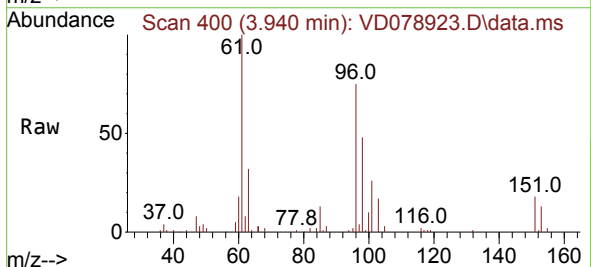
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

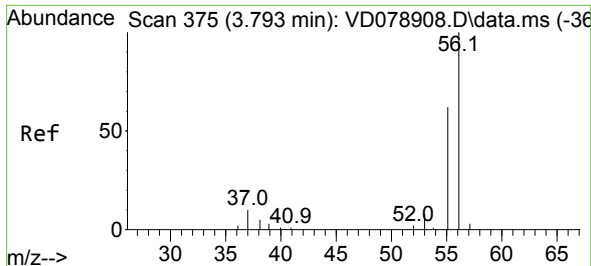
Tgt Ion: 59 Resp: 6813
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 49.950 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 96 Resp: 74916
Ion Ratio Lower Upper
96 100
61 133.4 107.3 160.9
98 63.9 51.7 77.5





#13

Acrolein

Concen: 215.168 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

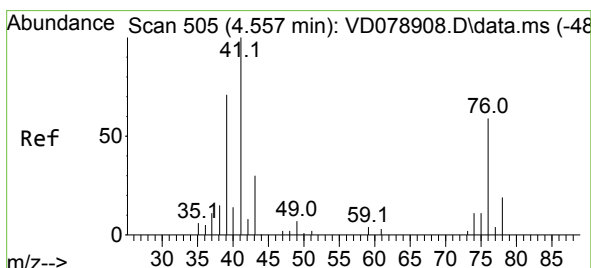
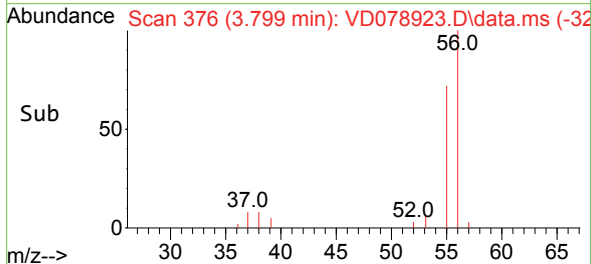
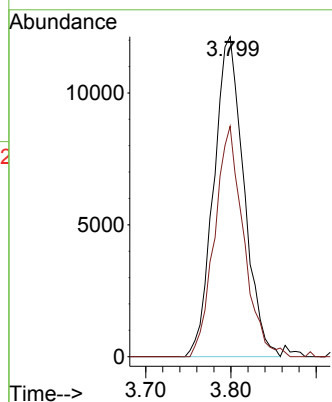
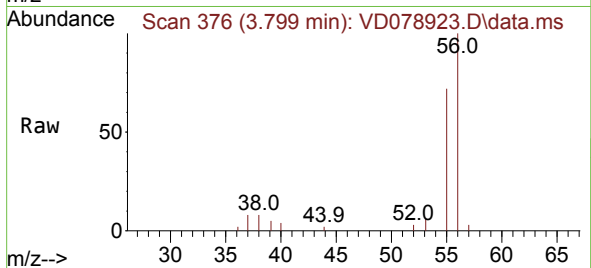
VSTDCCC050

Tgt Ion: 56 Resp: 29767

Ion Ratio Lower Upper

56 100

55 69.6 55.3 82.9



#14

Allyl chloride

Concen: 49.157 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

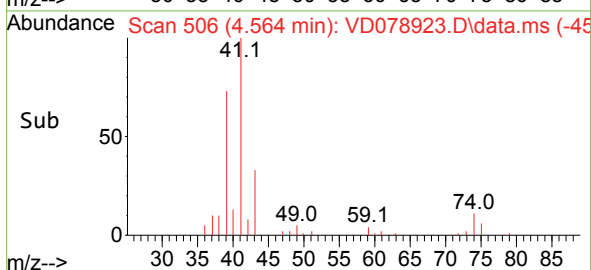
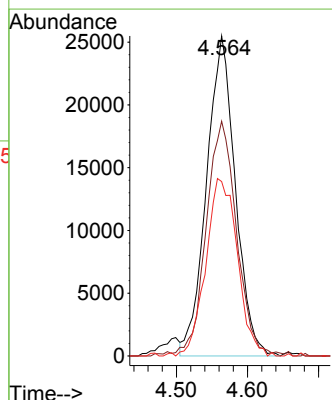
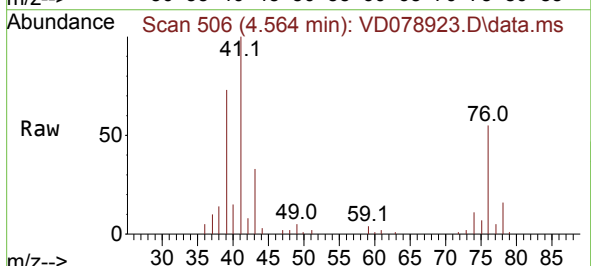
Tgt Ion: 41 Resp: 71942

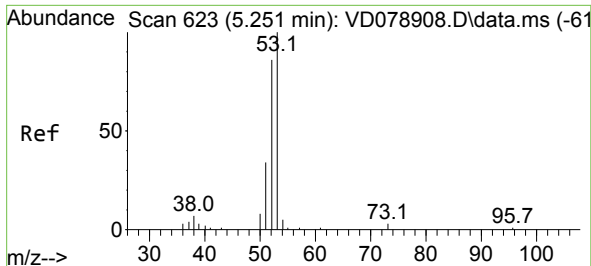
Ion Ratio Lower Upper

41 100

39 77.9 58.0 87.0

76 60.8 45.9 68.9





#15

Acrylonitrile

Concen: 256.044 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

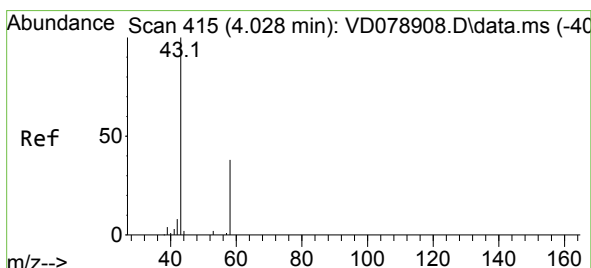
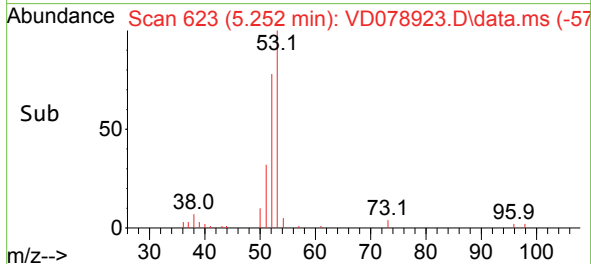
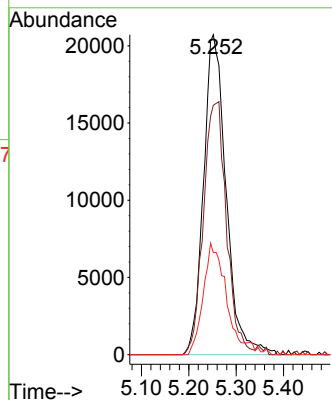
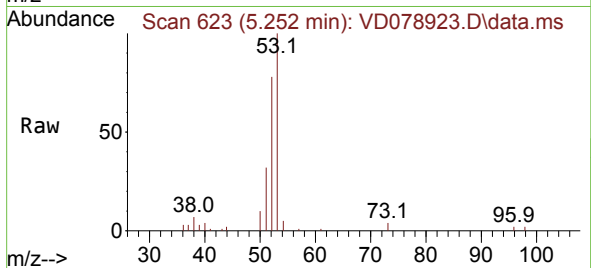
Tgt Ion: 53 Resp: 68781

Ion Ratio Lower Upper

53 100

52 80.3 67.7 101.5

51 36.2 28.6 42.8



#16

Acetone

Concen: 272.640 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.011 min

Lab File: VD078923.D

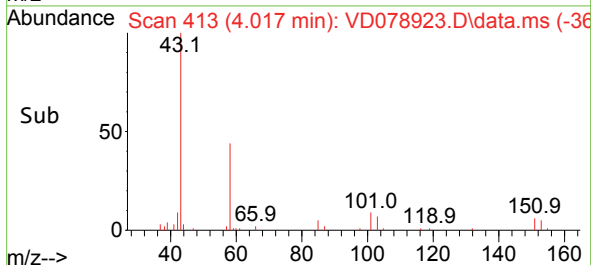
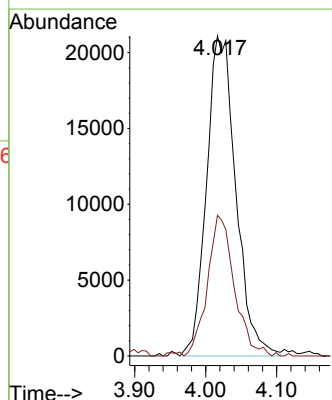
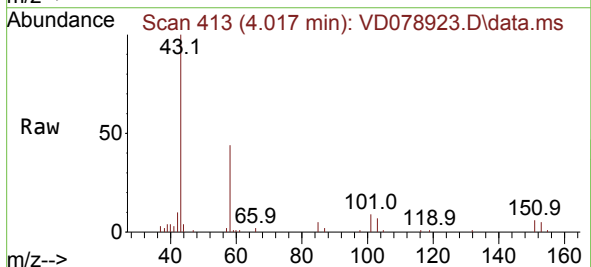
Acq: 15 May 2024 10:37

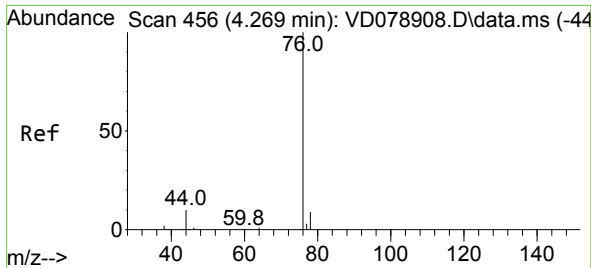
Tgt Ion: 43 Resp: 60413

Ion Ratio Lower Upper

43 100

58 44.0 30.4 45.6

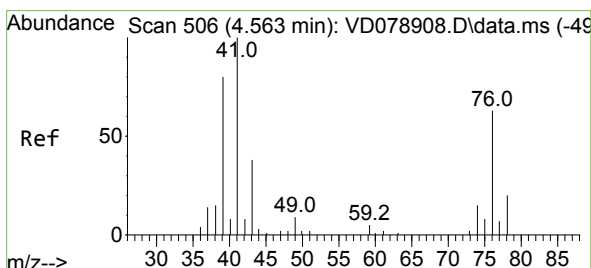
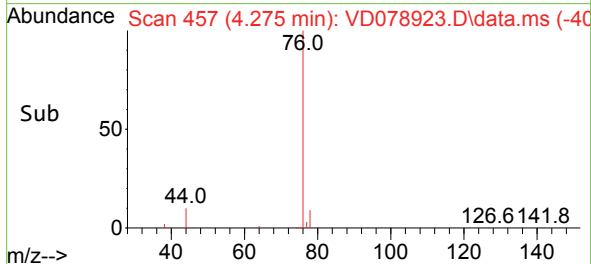
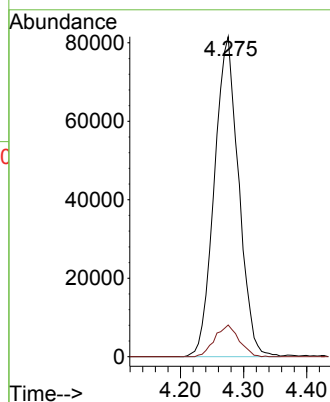
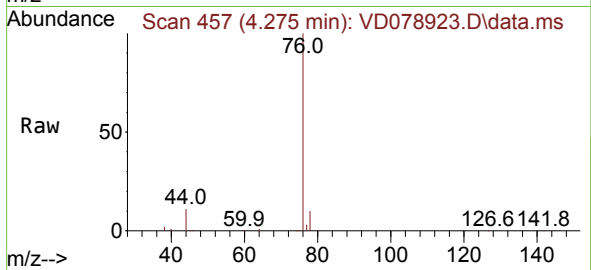




#17
Carbon Disulfide
Concen: 49.956 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

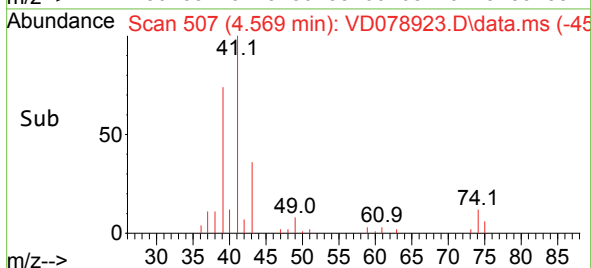
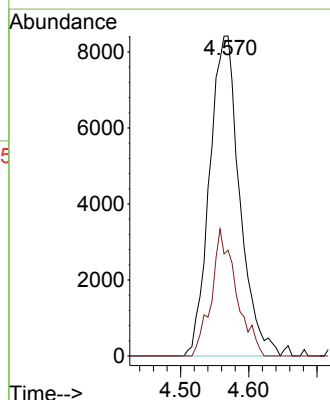
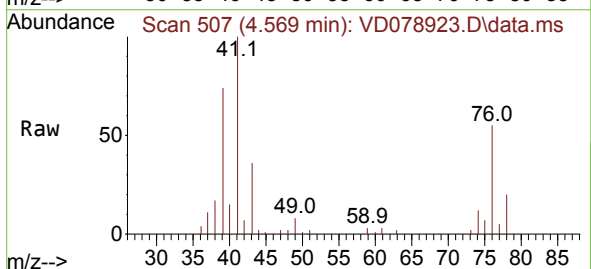
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

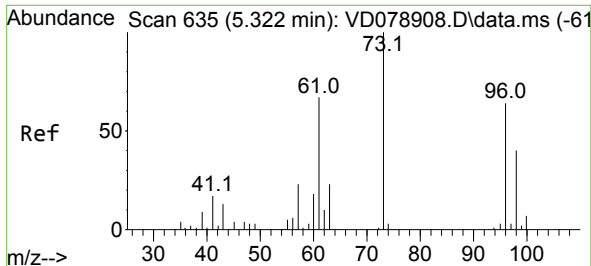
Tgt Ion: 76 Resp: 218052
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 50.744 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 43 Resp: 25890
Ion Ratio Lower Upper
43 100
74 32.8 28.1 42.1

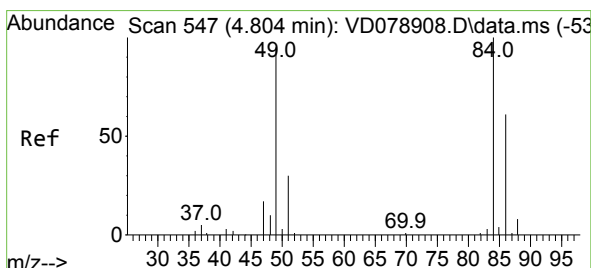
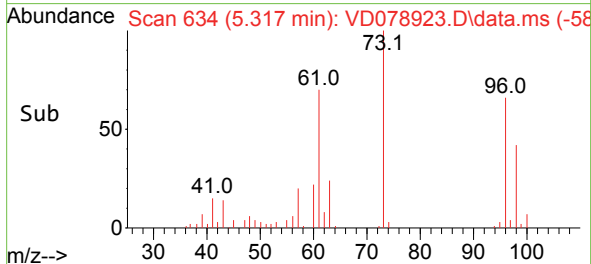
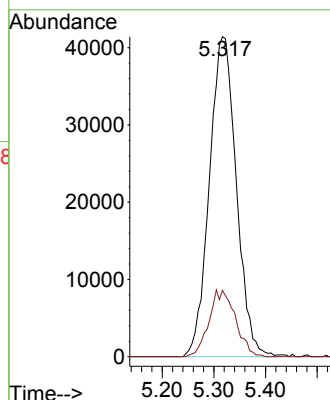
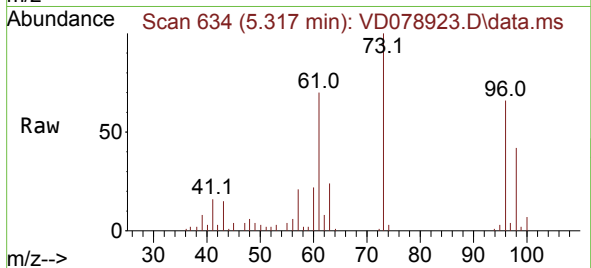




#19
Methyl tert-butyl Ether
Concen: 51.357 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

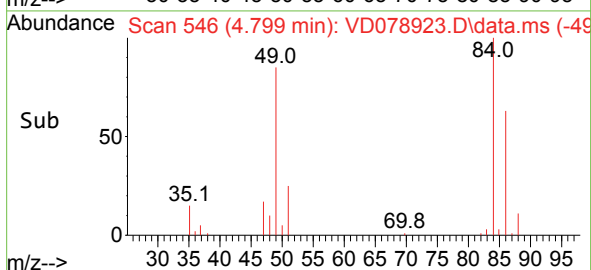
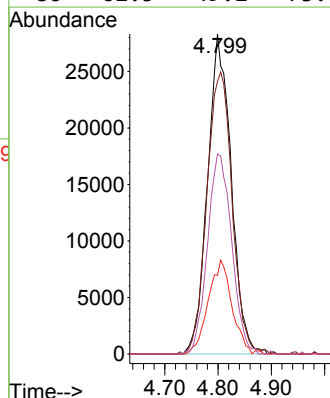
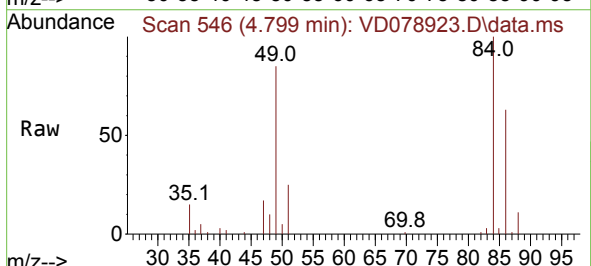
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

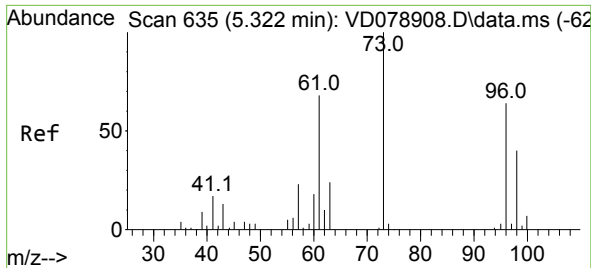
Tgt Ion: 73 Resp: 150086
Ion Ratio Lower Upper
73 100
57 20.7 18.3 27.5



#20
Methylene Chloride
Concen: 49.323 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 84 Resp: 87089
Ion Ratio Lower Upper
84 100
49 85.2 75.6 113.4
51 24.5 24.2 36.2
86 62.5 49.2 73.8

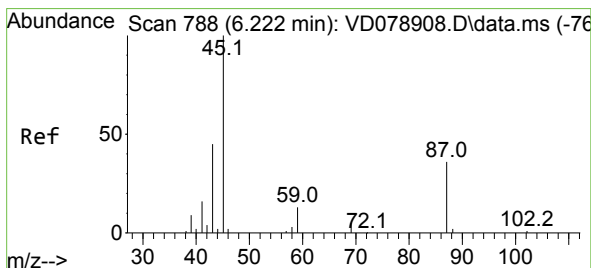
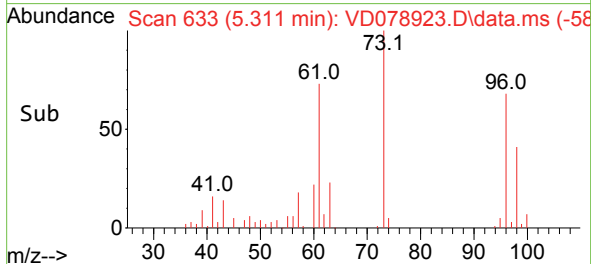
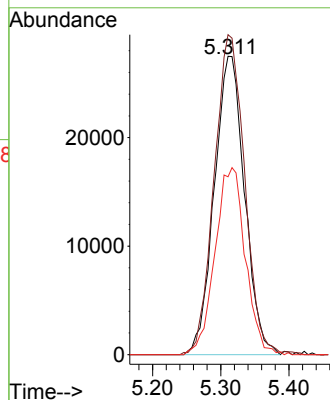
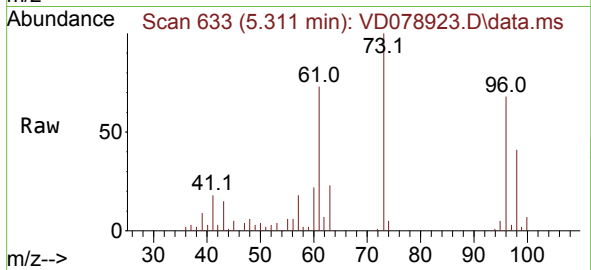




#21
trans-1,2-Dichloroethene
Concen: 50.908 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

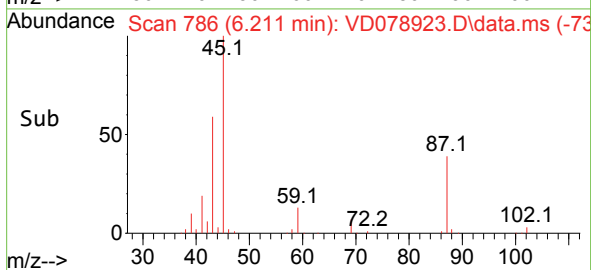
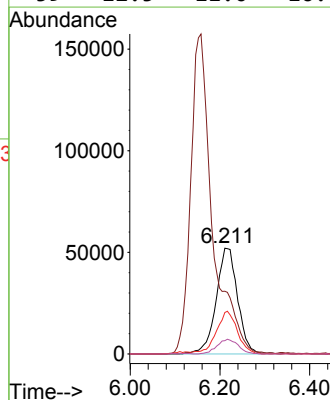
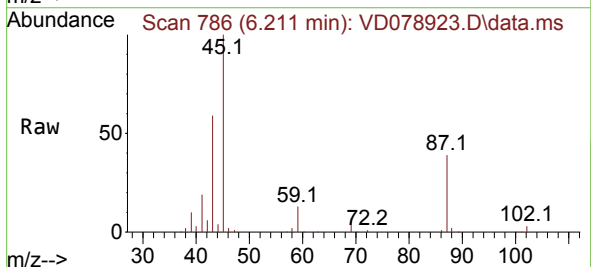
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

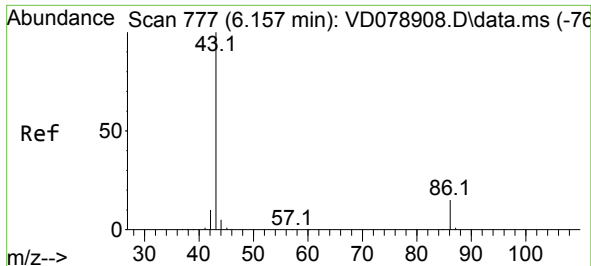
Tgt Ion: 96 Resp: 85103
Ion Ratio Lower Upper
96 100
61 107.2 84.5 126.7
98 59.6 50.5 75.7



#22
Diisopropyl ether
Concen: 52.376 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.011 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 45 Resp: 173370
Ion Ratio Lower Upper
45 100
43 57.9 41.7 62.5
87 39.3 30.2 45.2
59 12.5 11.0 16.6

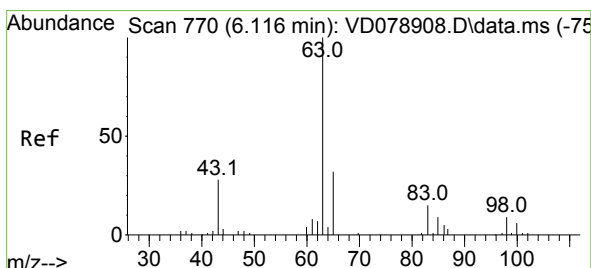
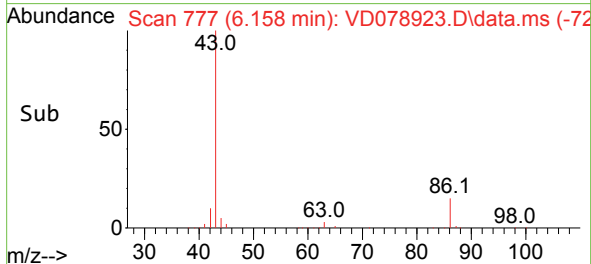
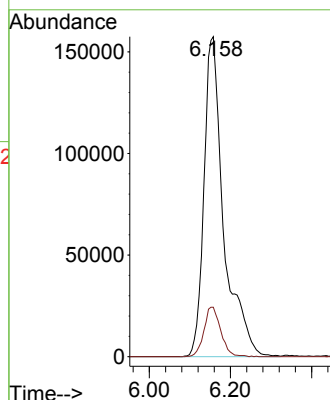
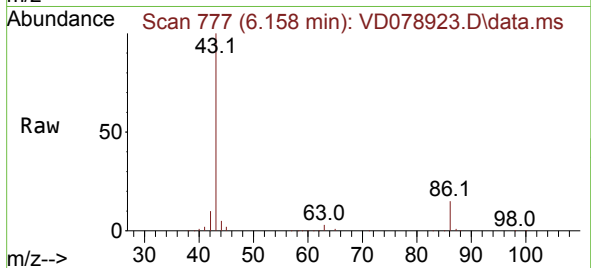




#23
 Vinyl Acetate
 Concen: 267.320 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

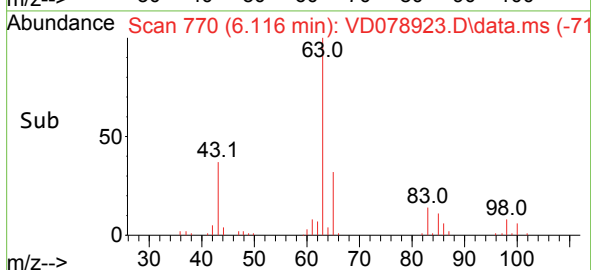
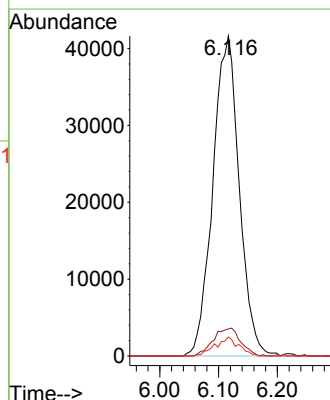
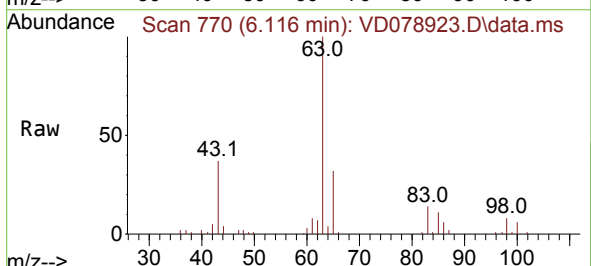
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

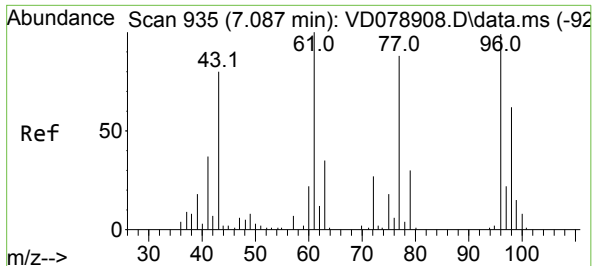
Tgt Ion: 43 Resp: 530730
 Ion Ratio Lower Upper
 43 100
 86 15.5 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 49.484 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

Tgt Ion: 63 Resp: 129849
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.7 14.0
 100 5.9 2.9 8.6





#25

2-Butanone

Concen: 269.275 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

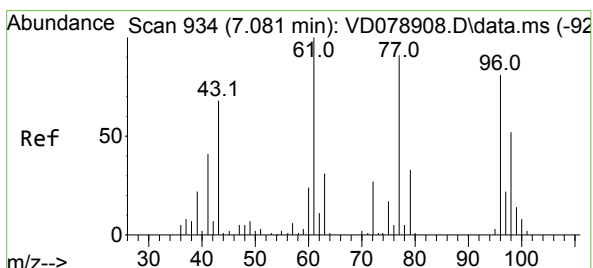
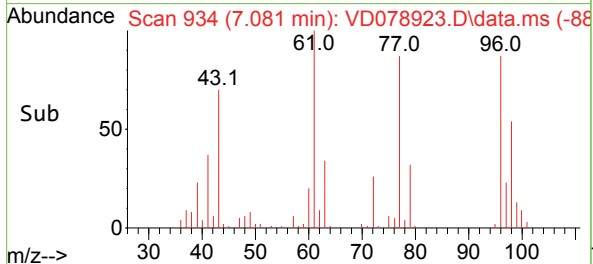
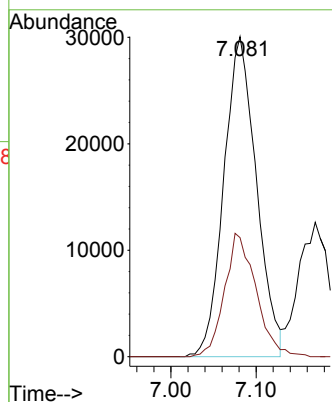
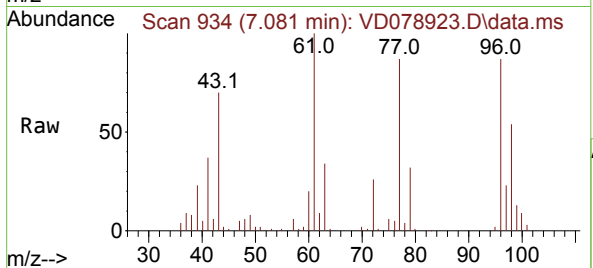
VSTDCCC050

Tgt Ion: 43 Resp: 79803

Ion Ratio Lower Upper

43 100

72 37.2 26.4 39.6



#26

2,2-Dichloropropane

Concen: 50.973 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.005 min

Lab File: VD078923.D

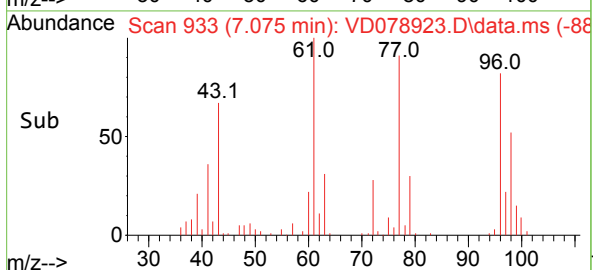
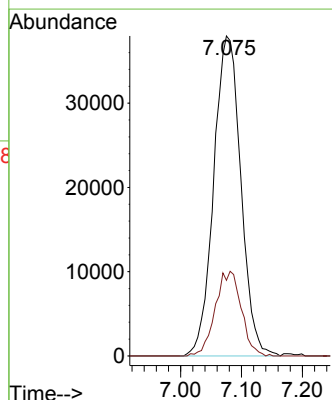
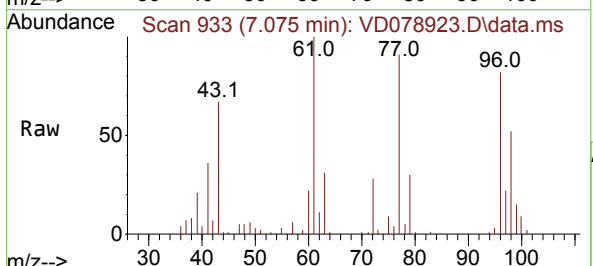
Acq: 15 May 2024 10:37

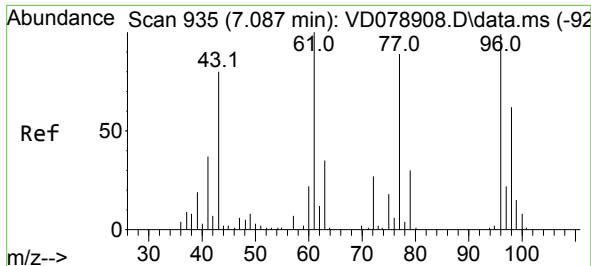
Tgt Ion: 77 Resp: 117544

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 50.098 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

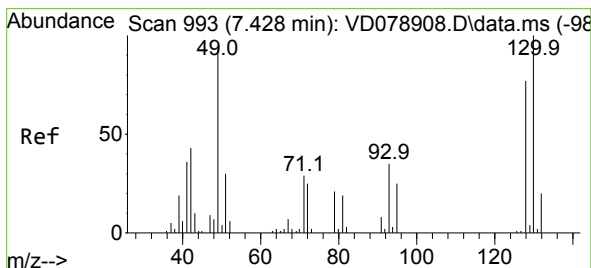
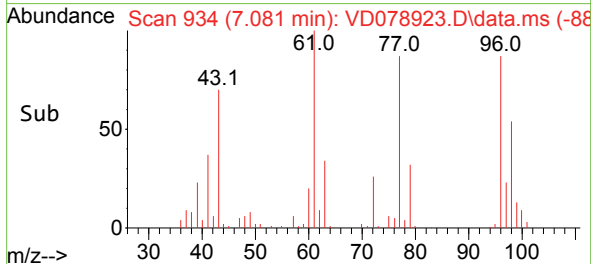
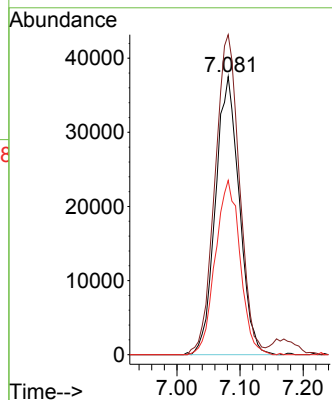
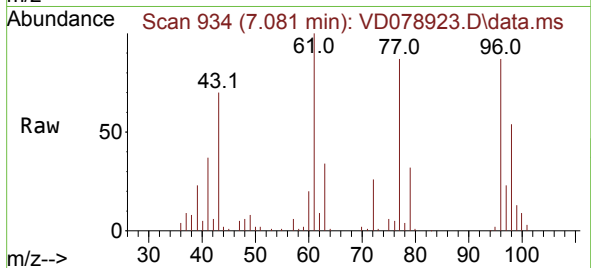
Tgt Ion: 96 Resp: 98342

Ion Ratio Lower Upper

96 100

61 118.4 0.0 229.0

98 65.0 0.0 127.2



#28

Bromochloromethane

Concen: 48.568 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

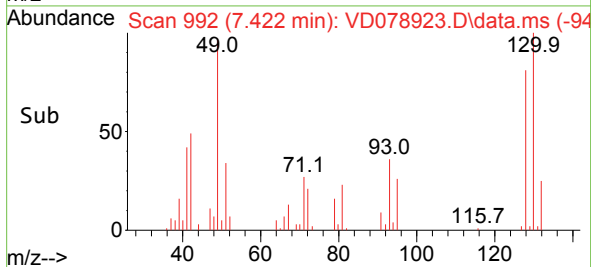
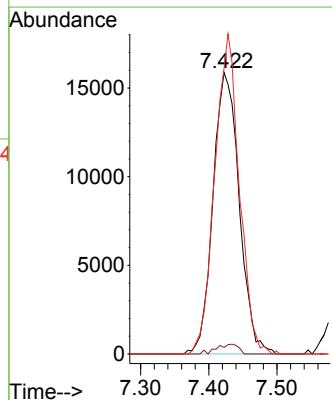
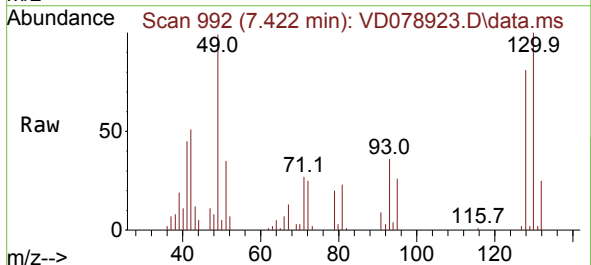
Tgt Ion: 49 Resp: 42502

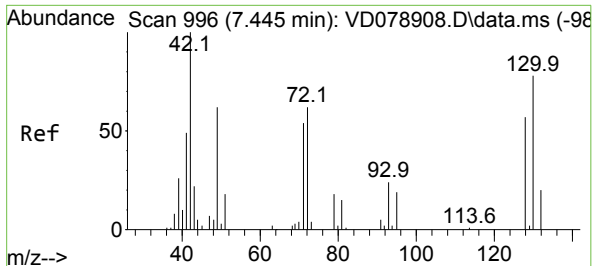
Ion Ratio Lower Upper

49 100

129 2.9 0.0 7.0

130 106.8 87.7 131.5





#29

Tetrahydrofuran

Concen: 268.137 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

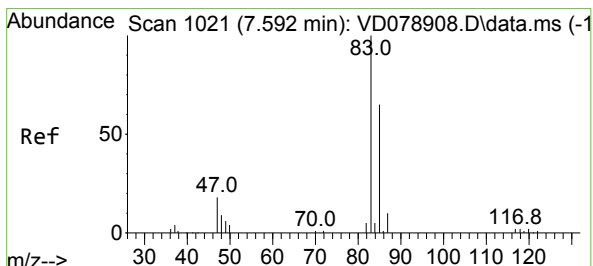
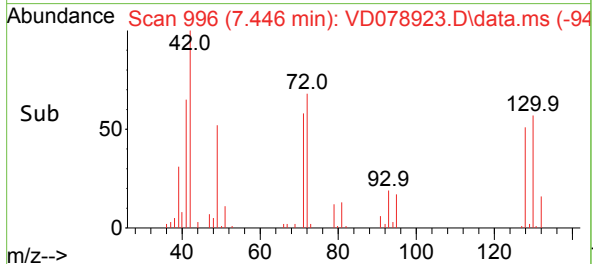
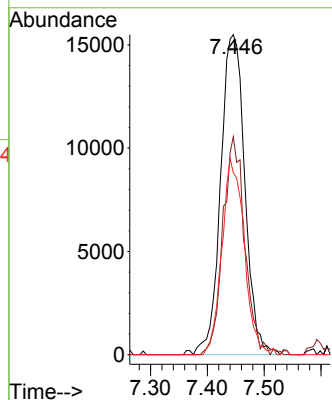
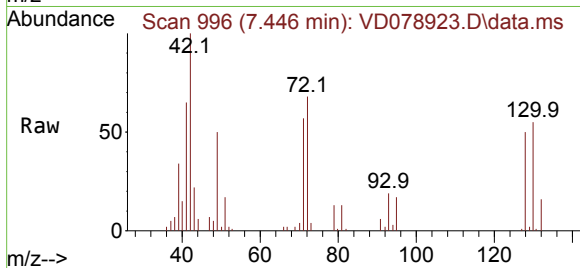
Tgt Ion: 42 Resp: 45963

Ion Ratio Lower Upper

42 100

72 60.8 49.4 74.0

71 56.5 45.0 67.6



#30

Chloroform

Concen: 49.711 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078923.D

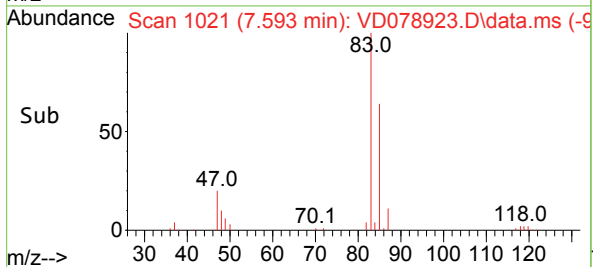
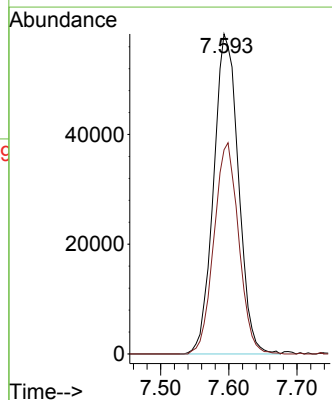
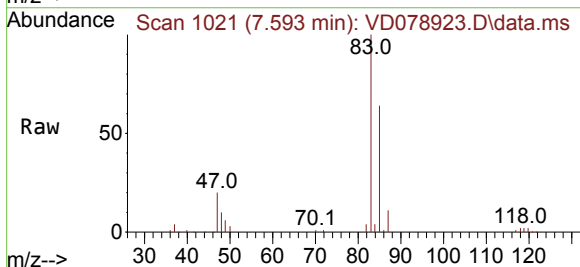
Acq: 15 May 2024 10:37

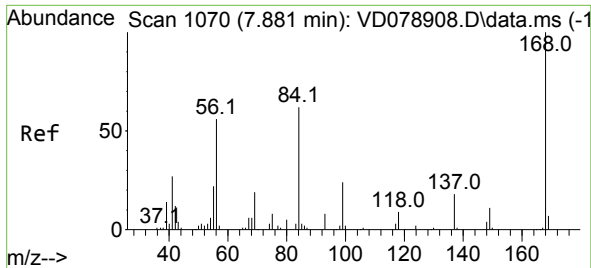
Tgt Ion: 83 Resp: 147746

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

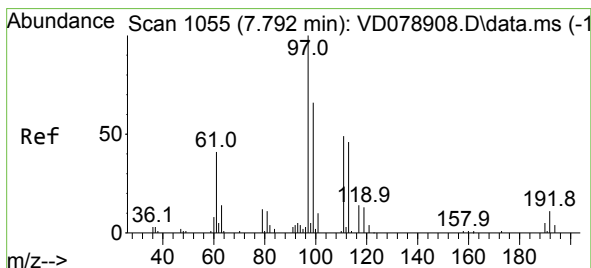
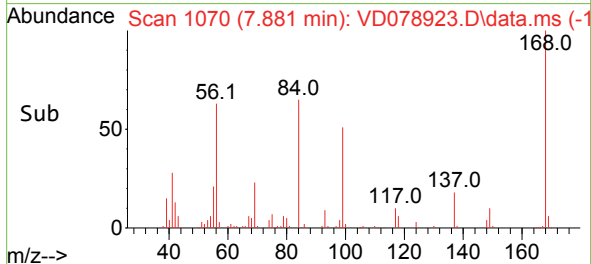
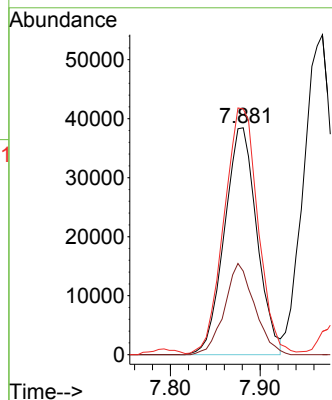
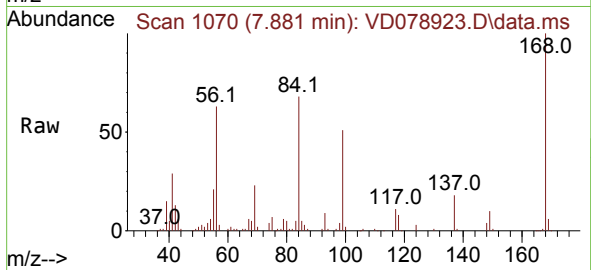




#31
Cyclohexane
Concen: 47.679 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

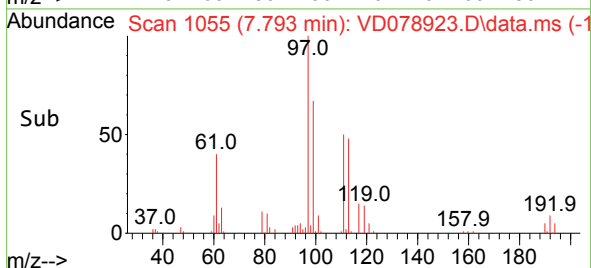
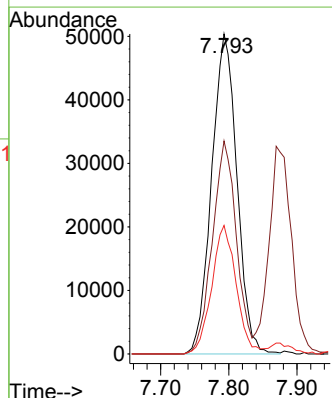
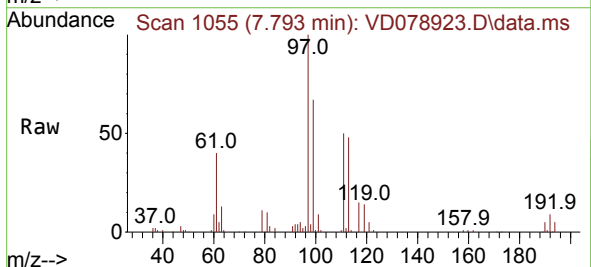
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

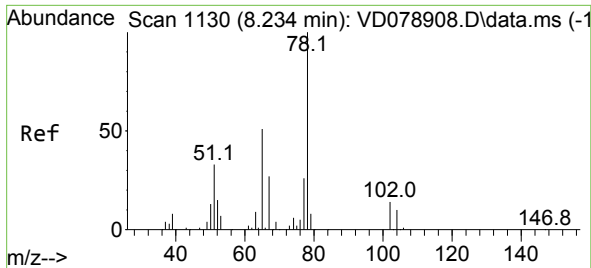
Tgt Ion: 56 Resp: 96806
Ion Ratio Lower Upper
56 100
69 36.8 28.0 42.0
84 107.1 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 51.109 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 97 Resp: 130085
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 38.8 31.4 47.2

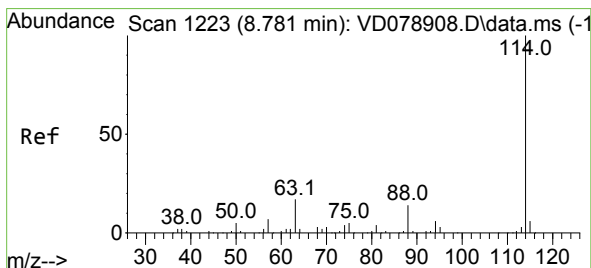
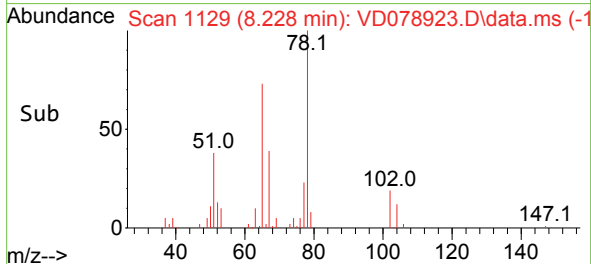
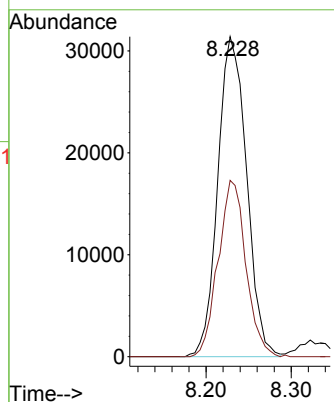
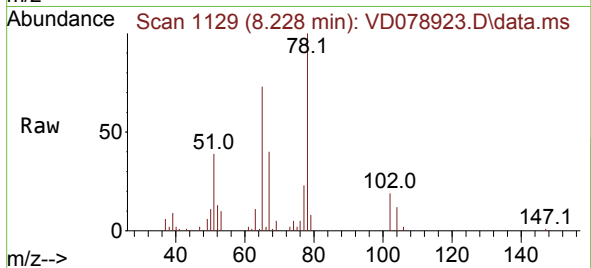




#33
 1,2-Dichloroethane-d4
 Concen: 53.062 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.005 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

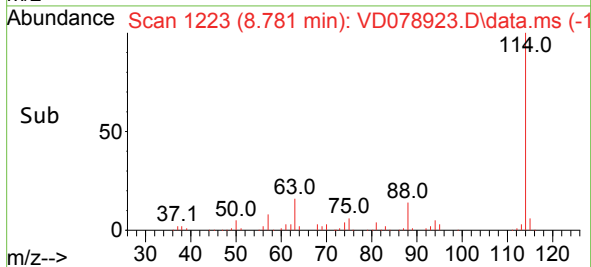
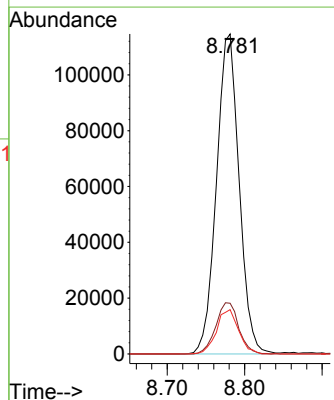
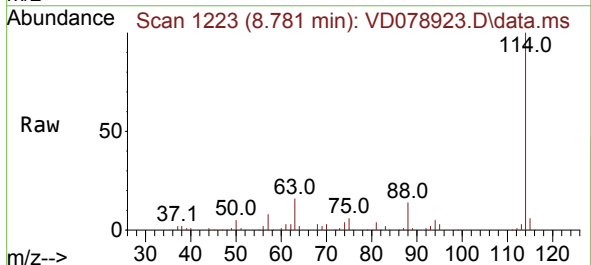
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

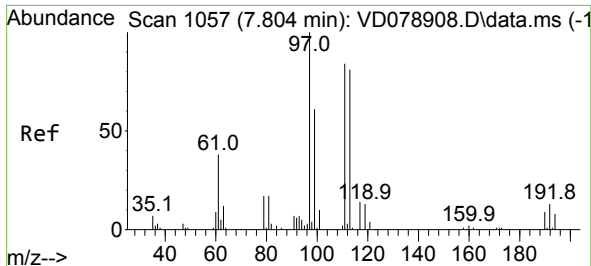
Tgt Ion: 65 Resp: 73742
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.001 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

Tgt Ion: 114 Resp: 233135
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 34.0
 88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.115 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

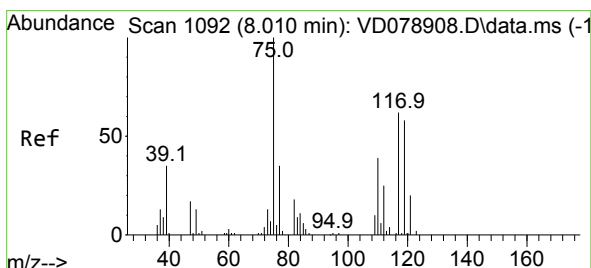
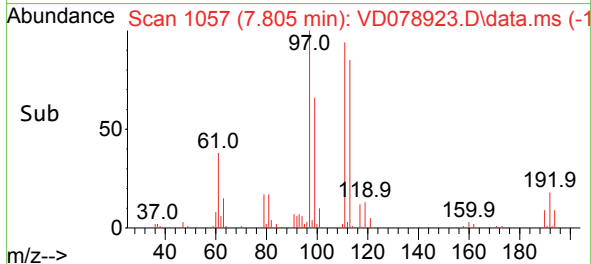
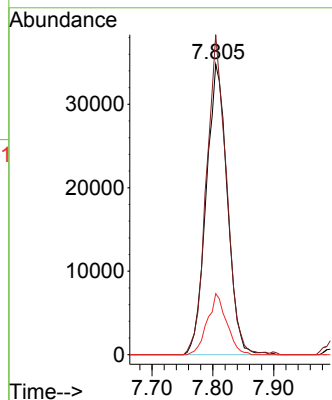
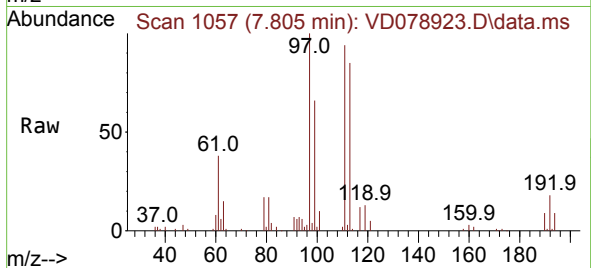
Tgt Ion:113 Resp: 83981

Ion Ratio Lower Upper

113 100

111 104.2 84.0 126.0

192 19.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 51.625 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

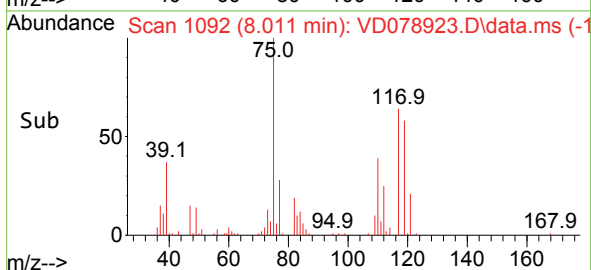
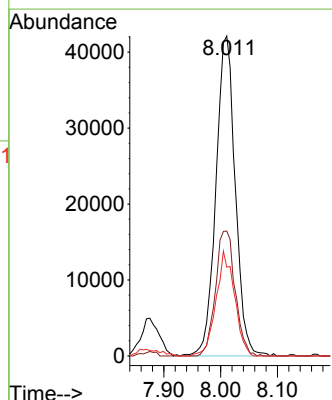
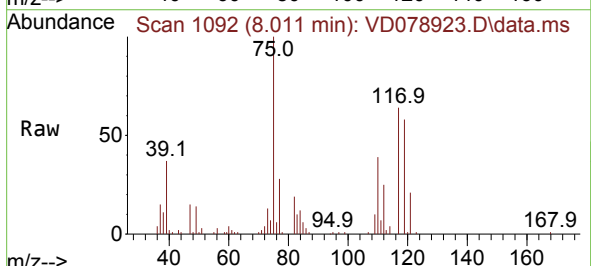
Tgt Ion: 75 Resp: 99698

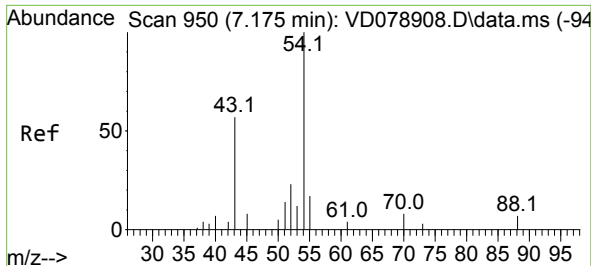
Ion Ratio Lower Upper

75 100

110 39.7 19.6 58.7

77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 50.860 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.005 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

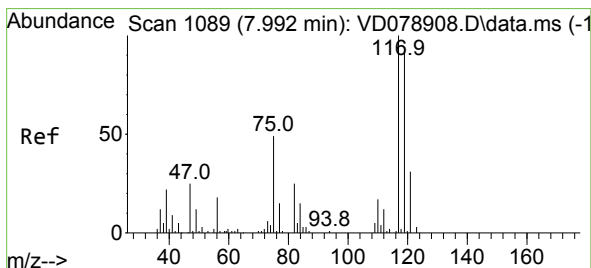
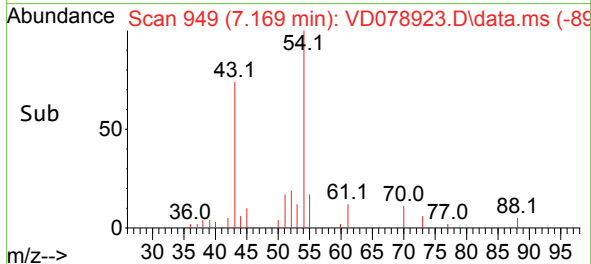
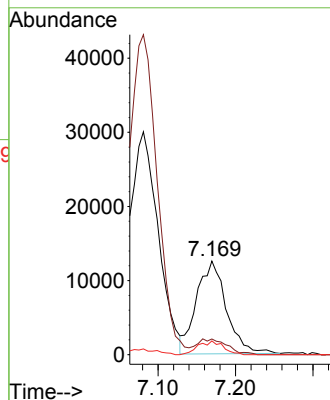
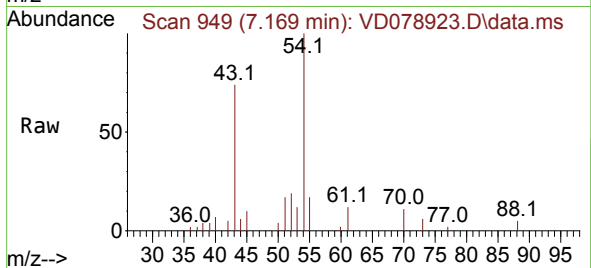
Tgt Ion: 43 Resp: 33473

Ion Ratio Lower Upper

43 100

61 17.3 13.9 20.9

70 12.3 9.8 14.6



#38

Carbon Tetrachloride

Concen: 52.296 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

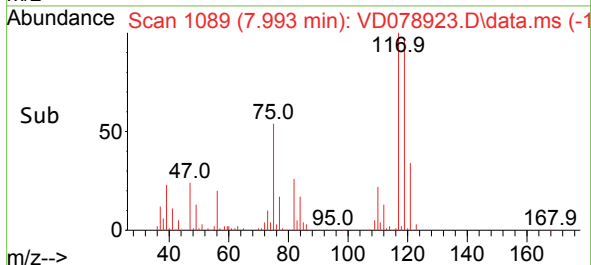
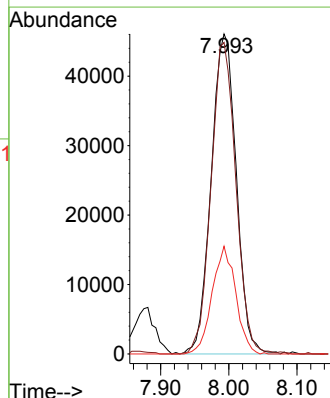
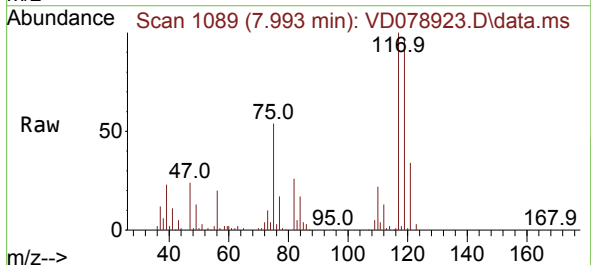
Tgt Ion: 117 Resp: 118189

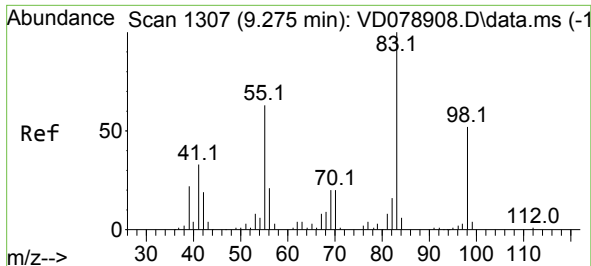
Ion Ratio Lower Upper

117 100

119 97.4 75.4 113.0

121 33.7 25.0 37.4

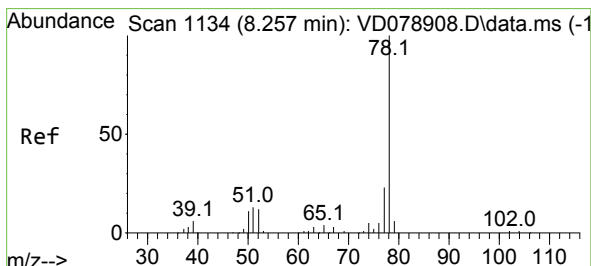
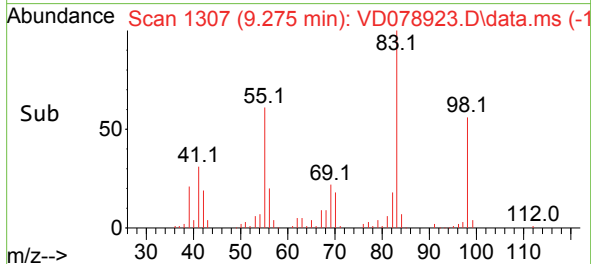
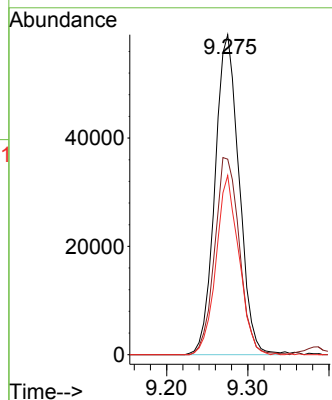
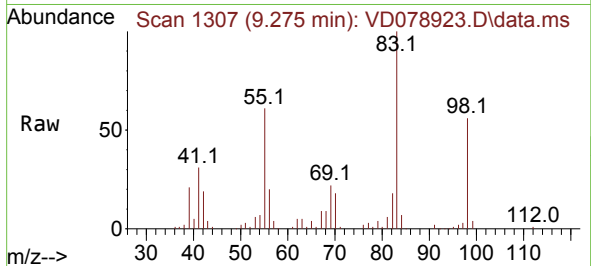




#39
Methylcyclohexane
Concen: 51.975 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

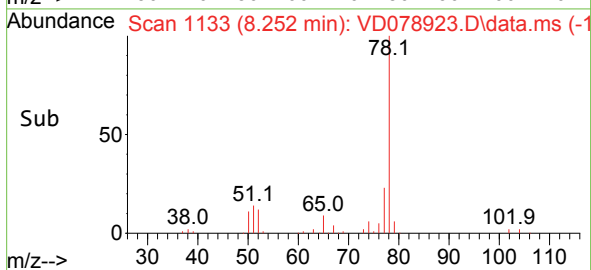
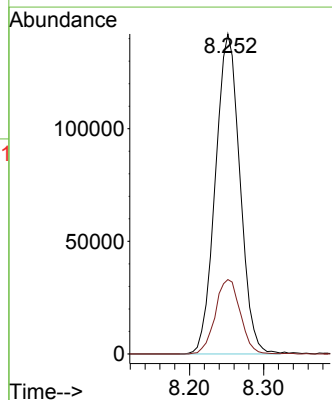
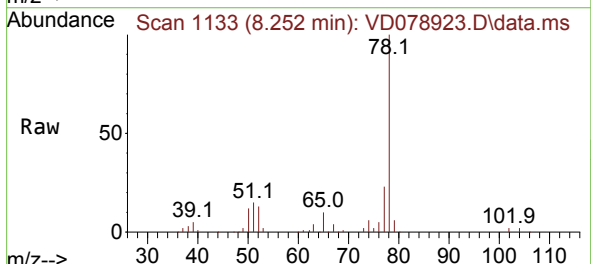
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

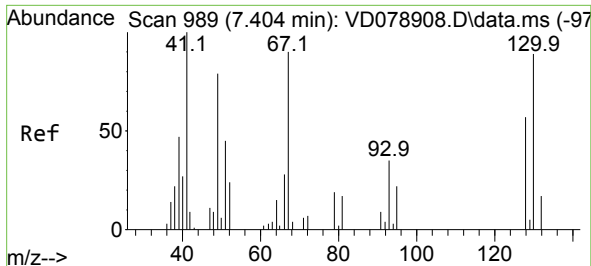
Tgt Ion: 83 Resp: 121958
Ion Ratio Lower Upper
83 100
55 61.1 50.1 75.1
98 56.0 41.9 62.9



#40
Benzene
Concen: 52.266 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

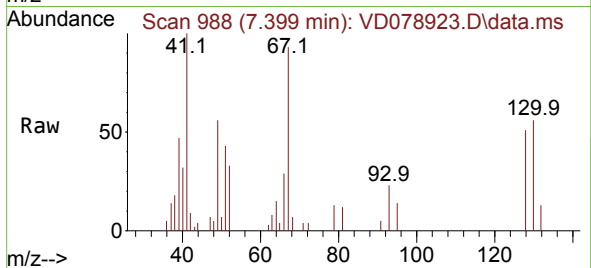
Tgt Ion: 78 Resp: 326465
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1



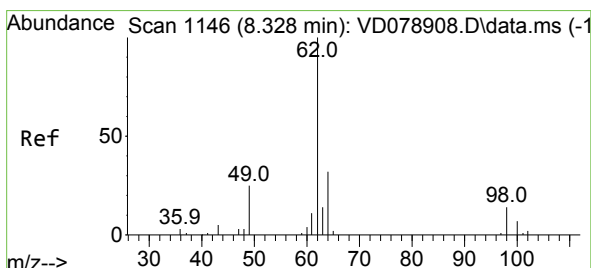
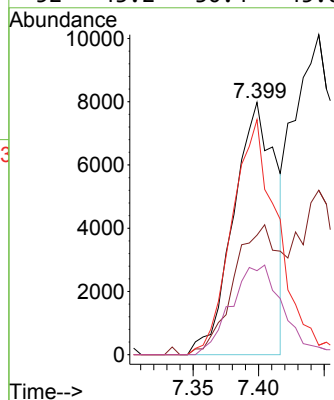
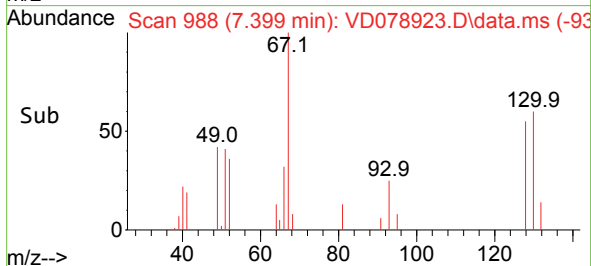


#41
Methacrylonitrile
Concen: 50.585 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

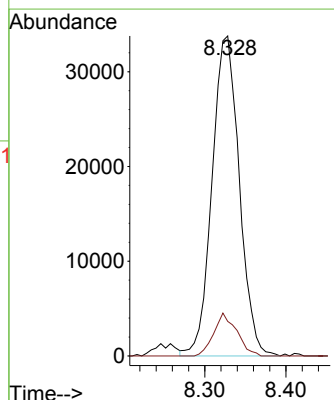
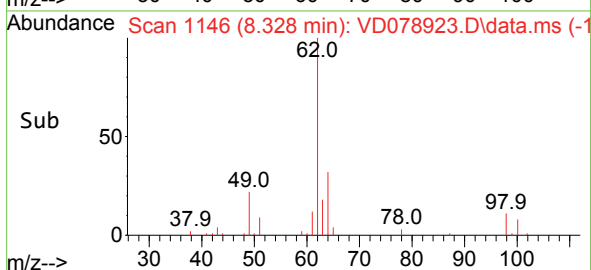
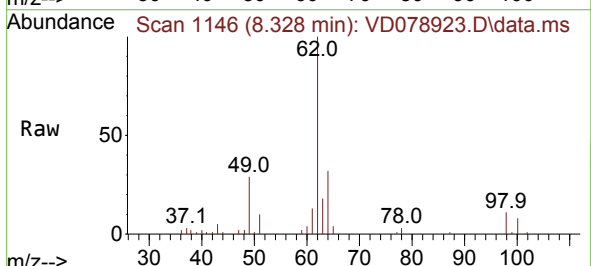


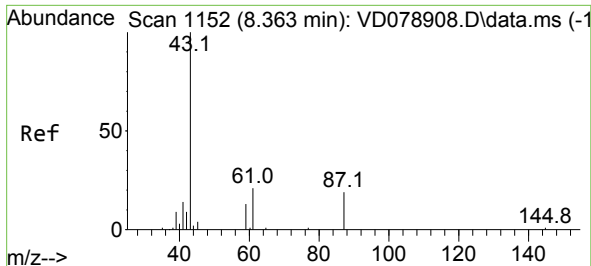
Tgt Ion:	41	Resp:	17914
Ion	Ratio	Lower	Upper
41	100		
39	59.5	41.4	62.0
67	101.9	85.8	128.6
52	43.2	30.4	45.6



#42
1,2-Dichloroethane
Concen: 52.092 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:	62	Resp:	78757
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8





#43

Isopropyl Acetate

Concen: 53.352 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

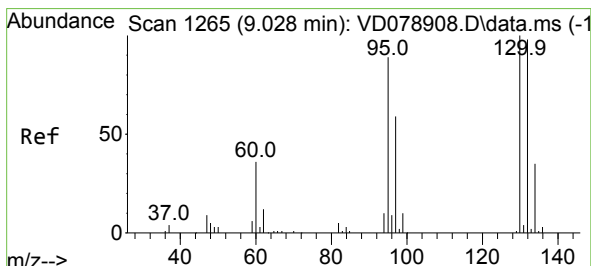
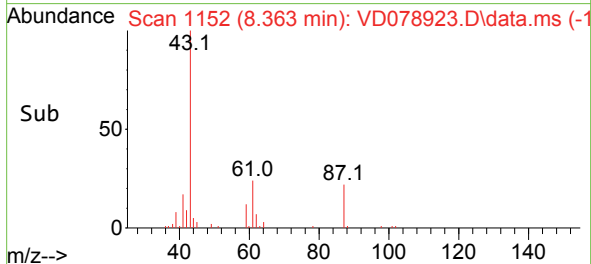
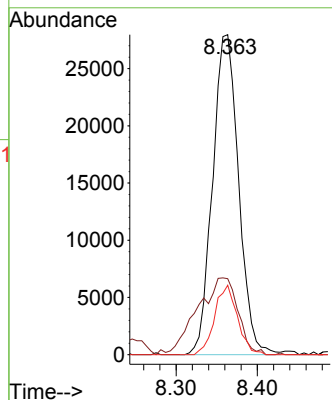
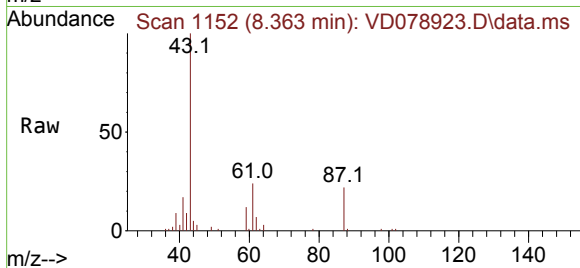
Tgt Ion: 43 Resp: 62304

Ion Ratio Lower Upper

43 100

61 37.5 29.3 43.9

87 19.1 14.9 22.3



#44

Trichloroethene

Concen: 50.981 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078923.D

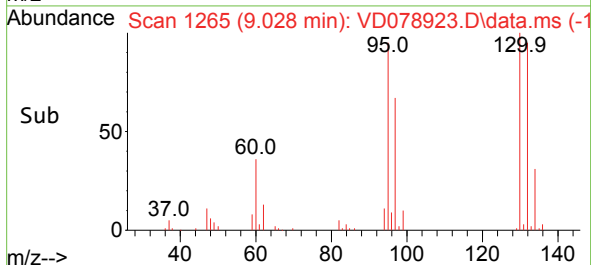
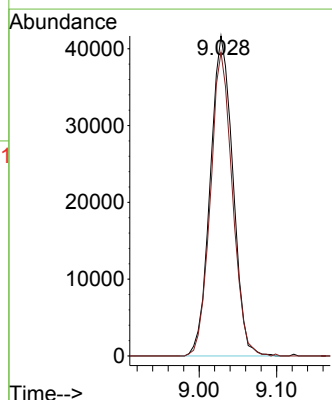
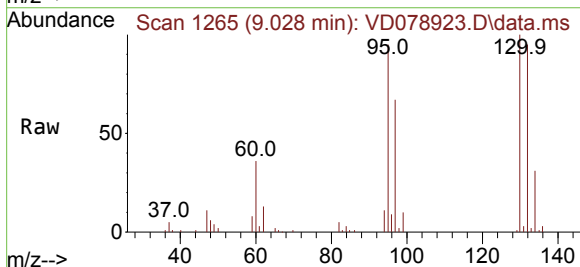
Acq: 15 May 2024 10:37

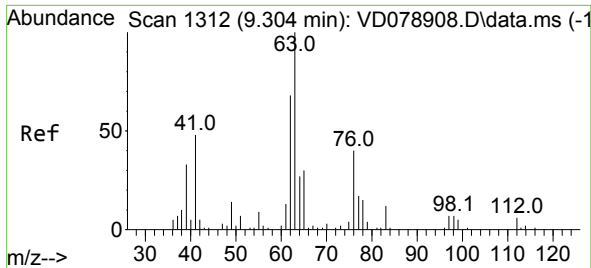
Tgt Ion:130 Resp: 84464

Ion Ratio Lower Upper

130 100

95 94.9 0.0 177.8

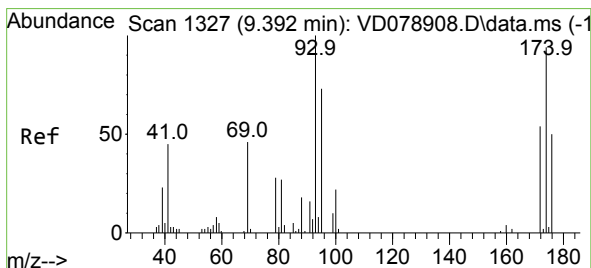
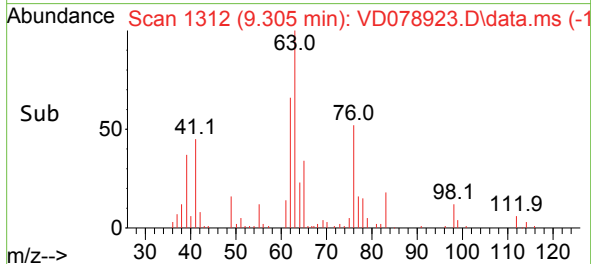
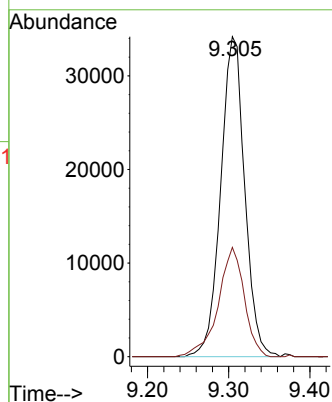
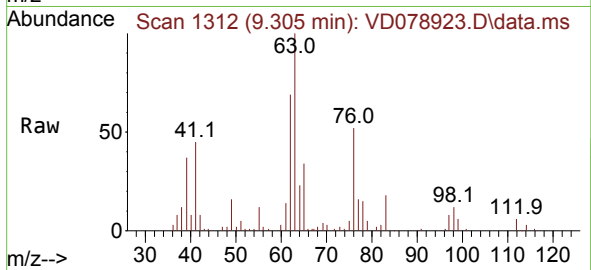




#45
1,2-Dichloropropane
Concen: 51.162 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

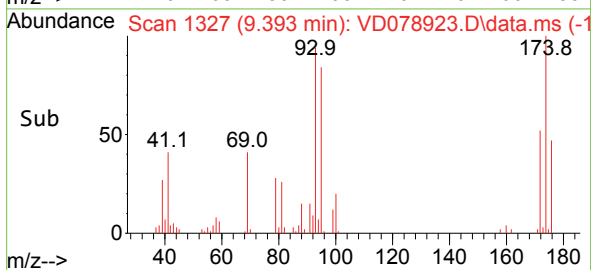
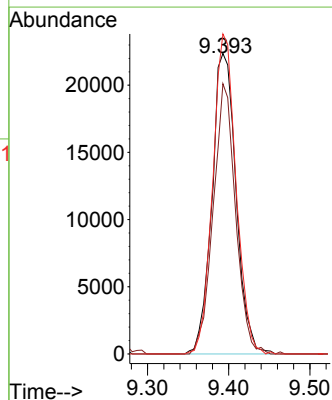
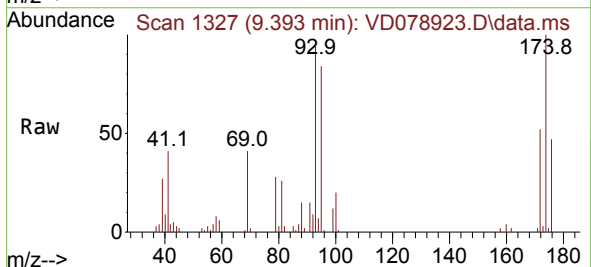
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

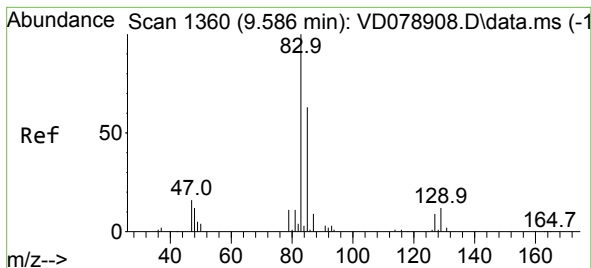
Tgt Ion: 63 Resp: 70225
Ion Ratio Lower Upper
63 100
65 34.1 23.8 35.8



#46
Dibromomethane
Concen: 51.108 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 93 Resp: 46181
Ion Ratio Lower Upper
93 100
95 83.3 65.6 98.4
174 103.0 82.3 123.5





#47

Bromodichloromethane

Concen: 51.696 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

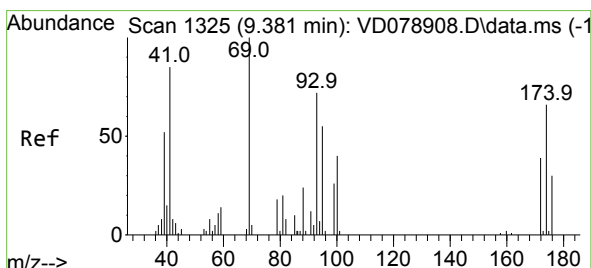
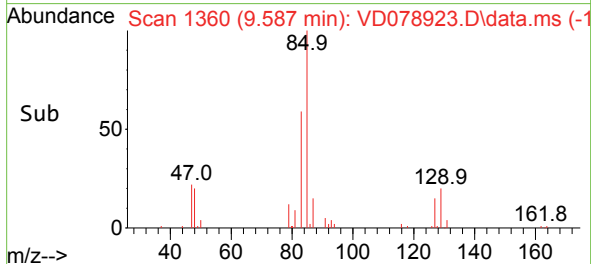
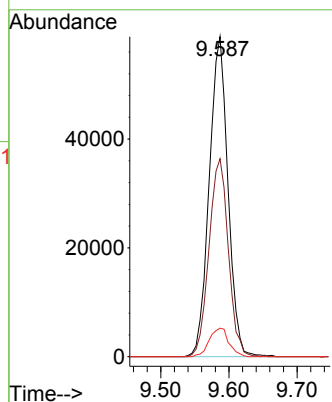
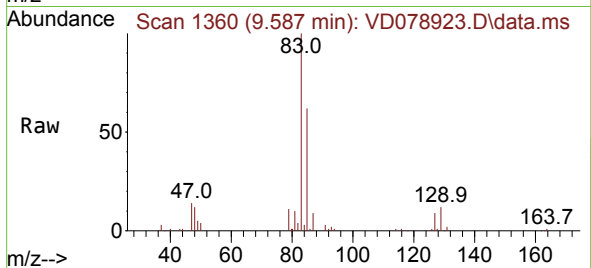
Tgt Ion: 83 Resp: 112446

Ion Ratio Lower Upper

83 100

85 61.9 50.1 75.1

127 8.9 6.8 10.2



#48

Methyl methacrylate

Concen: 54.854 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

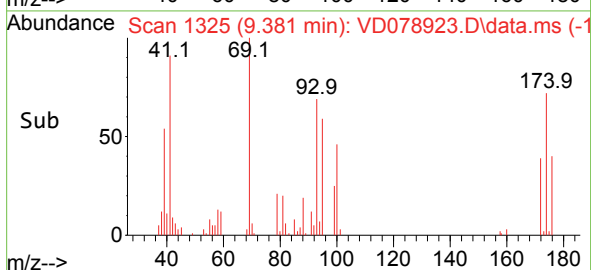
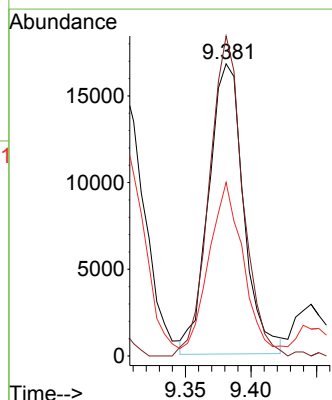
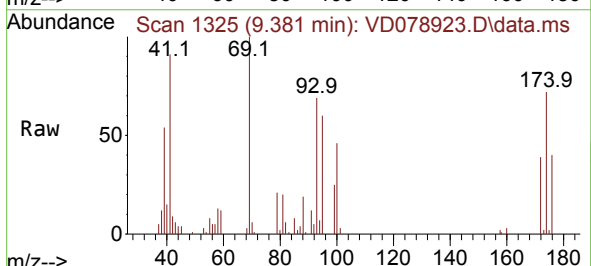
Tgt Ion: 41 Resp: 31184

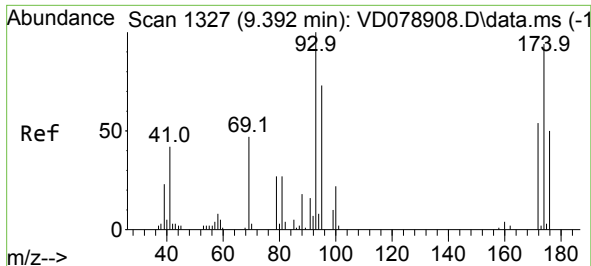
Ion Ratio Lower Upper

41 100

69 104.7 96.7 145.1

39 60.1 43.8 65.6





#49

1,4-Dioxane

Concen: 1128.024 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

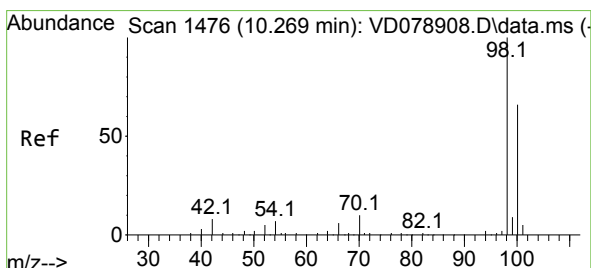
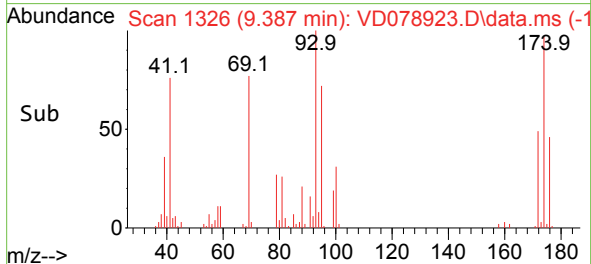
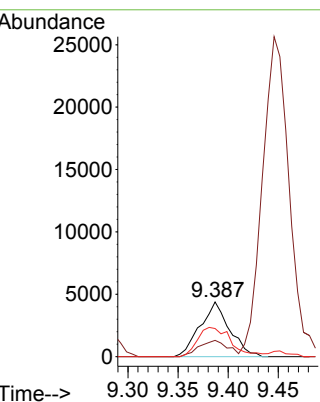
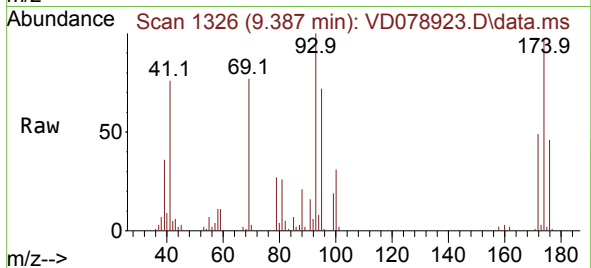
Tgt Ion: 88 Resp: 8966

Ion Ratio Lower Upper

88 100

43 29.4 21.5 32.3

58 60.7 42.2 63.4



#50

Toluene-d8

Concen: 56.328 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078923.D

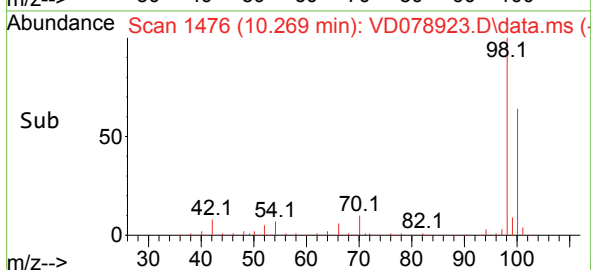
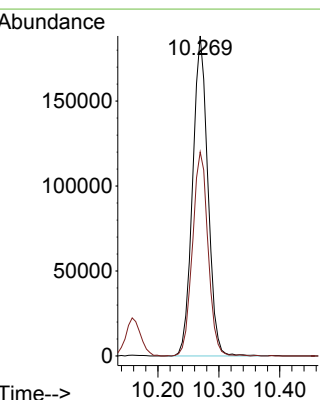
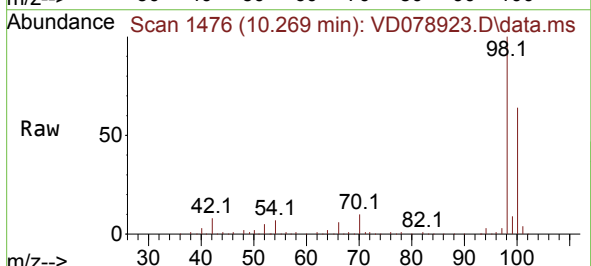
Acq: 15 May 2024 10:37

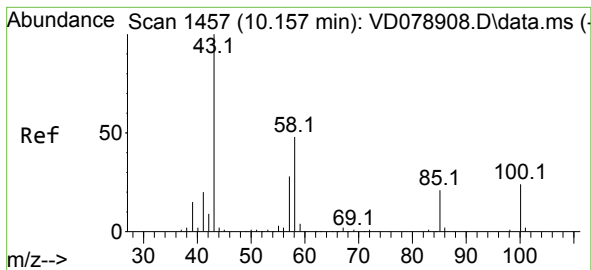
Tgt Ion: 98 Resp: 327709

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

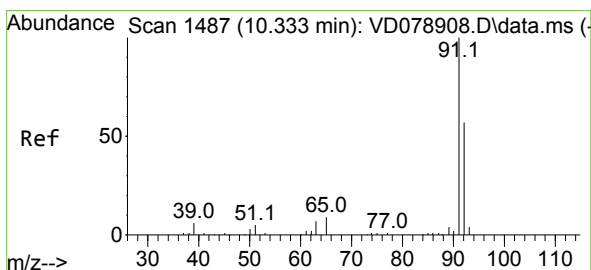
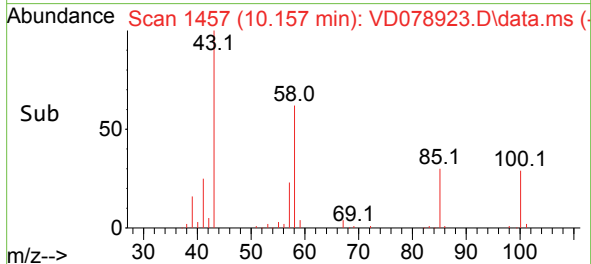
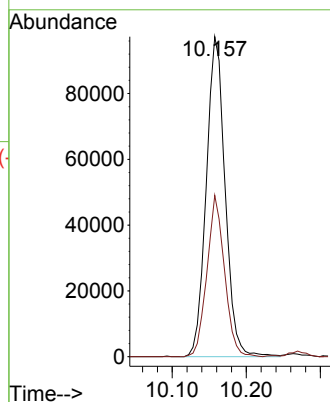
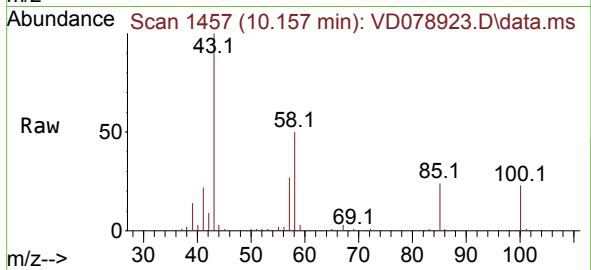




#51
4-Methyl-2-Pentanone
Concen: 276.351 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

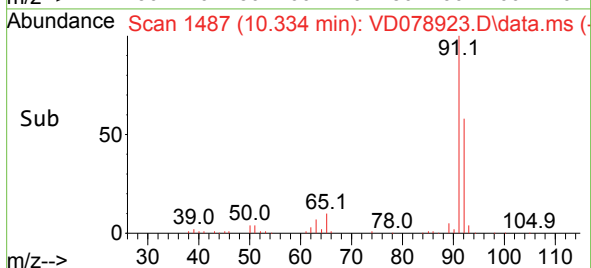
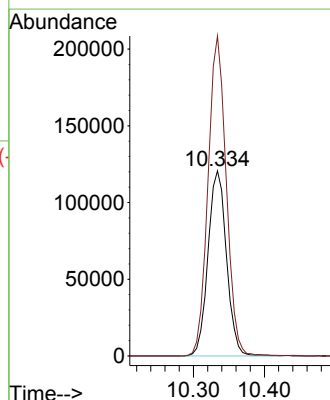
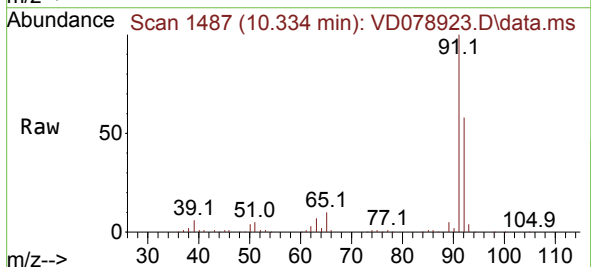
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

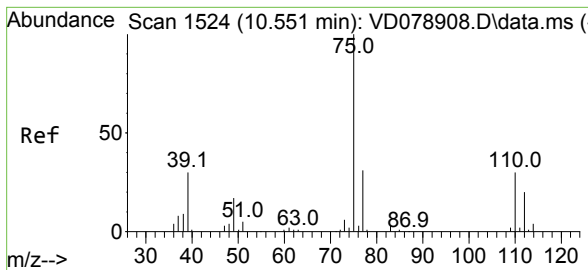
Tgt Ion: 43 Resp: 171892
Ion Ratio Lower Upper
43 100
58 47.0 36.6 55.0



#52
Toluene
Concen: 54.497 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 92 Resp: 217896
Ion Ratio Lower Upper
92 100
91 170.8 141.7 212.5

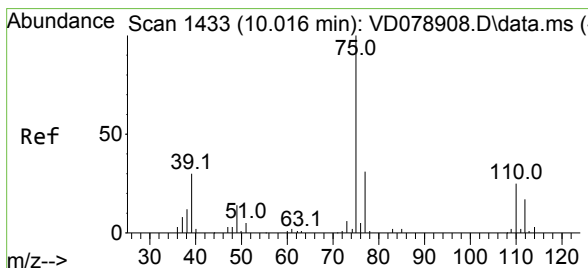
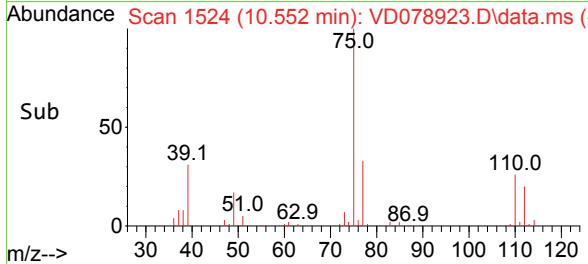
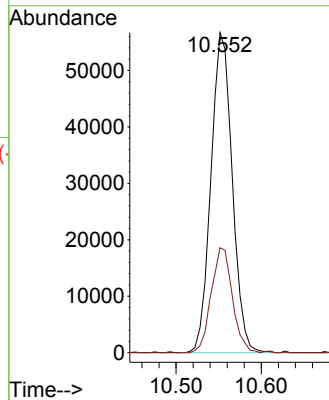
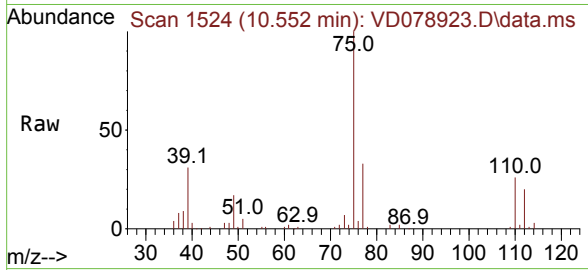




#53
 t-1,3-Dichloropropene
 Concen: 53.257 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

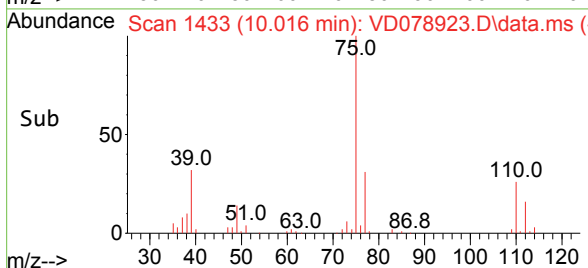
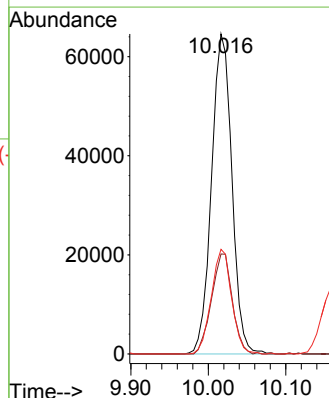
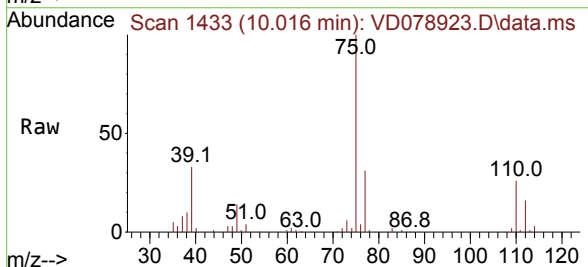
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

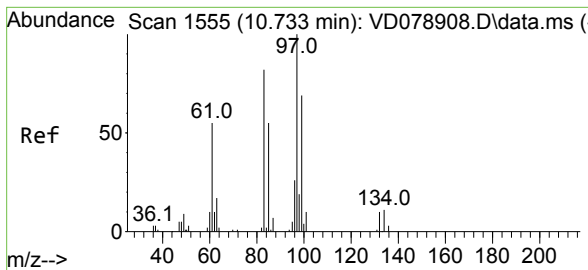
Tgt Ion: 75 Resp: 98435
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.094 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

Tgt Ion: 75 Resp: 117787
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.4 36.6
 39 32.7 24.2 36.2

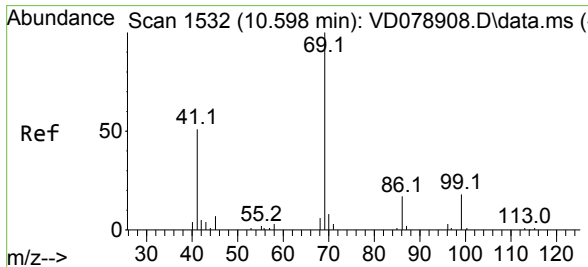
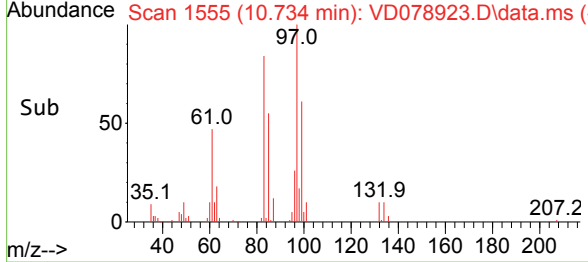
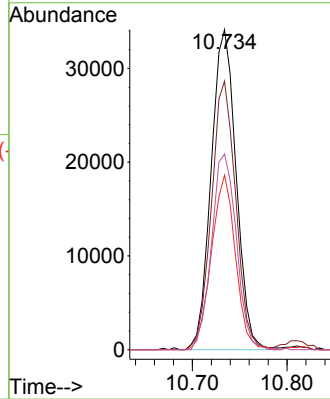
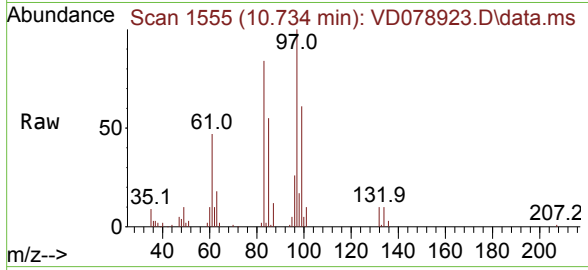




#55
 1,1,2-Trichloroethane
 Concen: 53.569 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

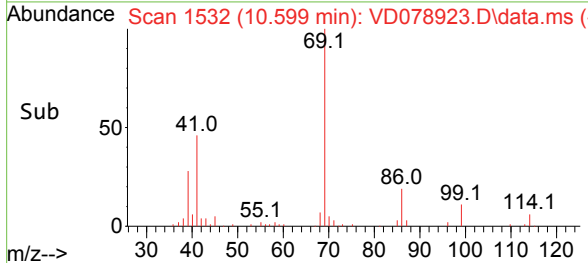
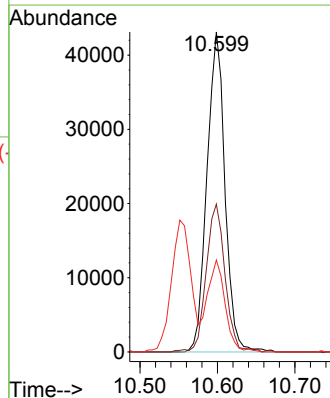
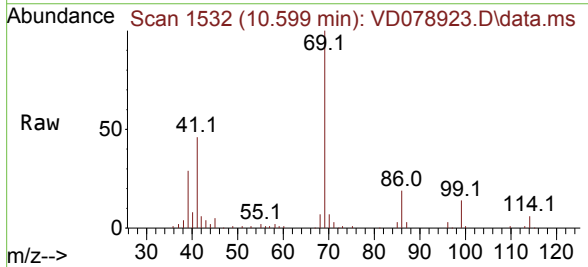
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

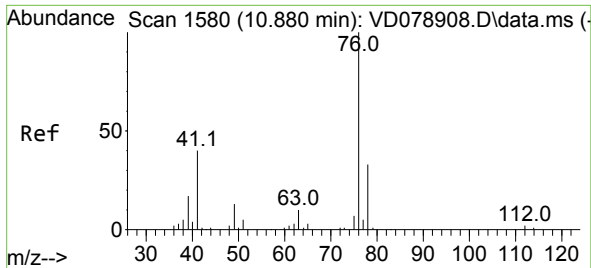
Tgt Ion: 97	Resp: 62537
Ion Ratio	Lower Upper
97 100	
83 83.9	65.8 98.8
85 54.6	43.8 65.8
99 61.1	55.4 83.0



#56
 Ethyl methacrylate
 Concen: 58.031 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078923.D
 Acq: 15 May 2024 10:37

Tgt Ion: 69	Resp: 69700
Ion Ratio	Lower Upper
69 100	
41 48.6	39.8 59.6
39 28.9	20.2 30.4

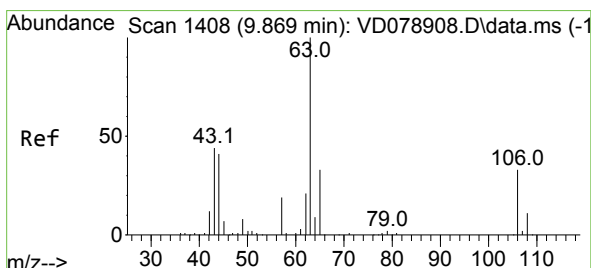
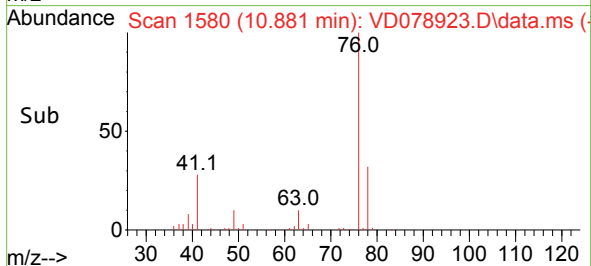
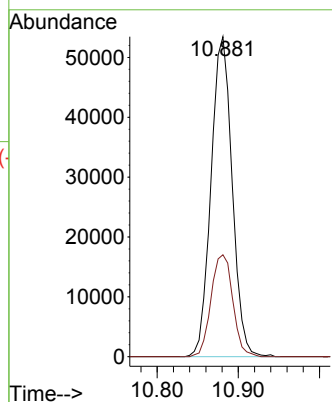
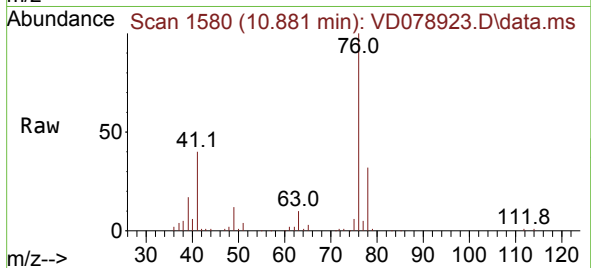




#57
1,3-Dichloropropane
Concen: 53.144 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

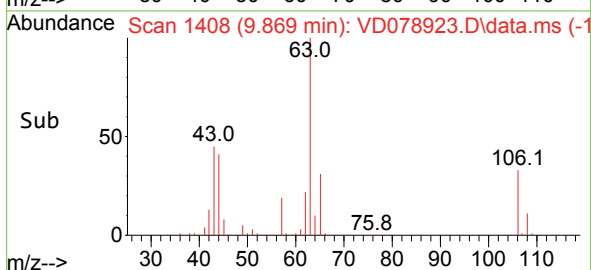
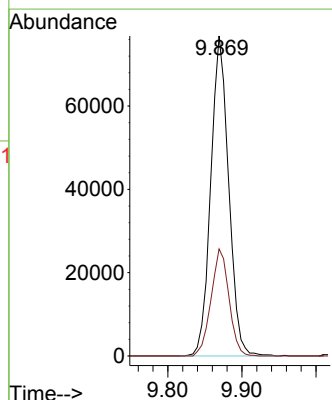
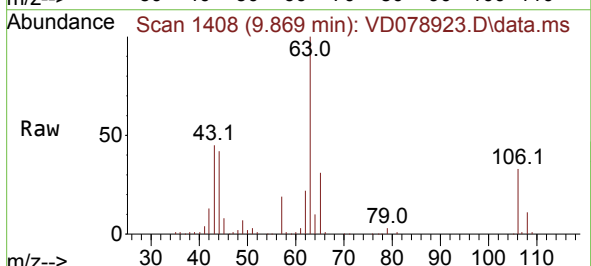
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

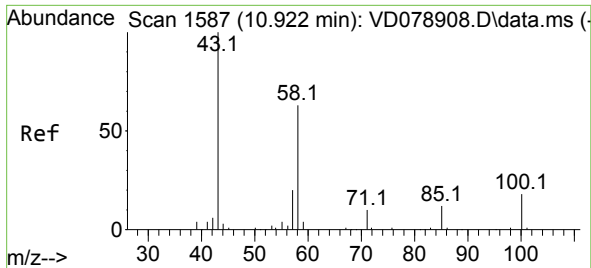
Tgt Ion:	76	Resp:	96605
Ion Ratio	Lower	Upper	
76	100		
78	32.8	26.2	39.2



#58
2-Chloroethyl Vinyl ether
Concen: 249.653 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:	63	Resp:	128838
Ion Ratio	Lower	Upper	
63	100		
106	33.5	26.4	39.6

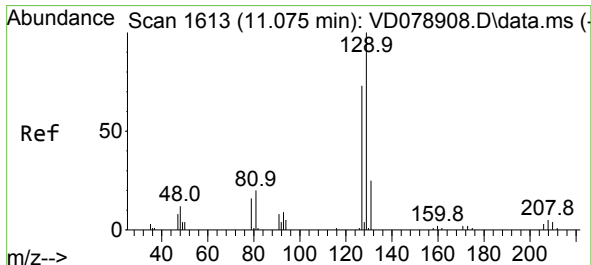
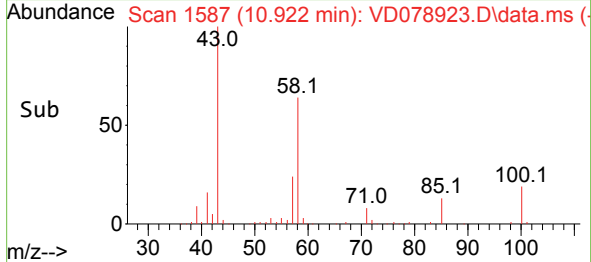
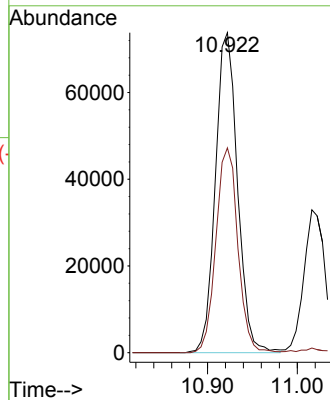
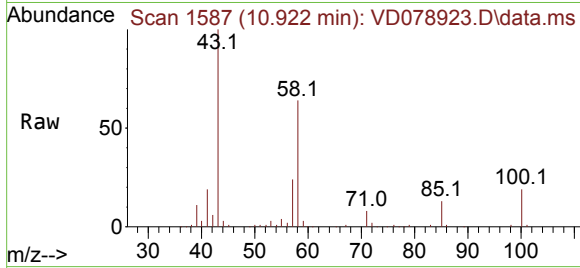




#59
2-Hexanone
Concen: 291.432 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

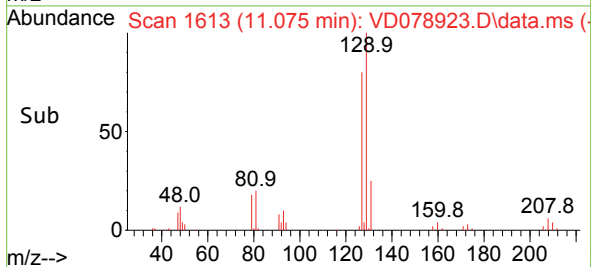
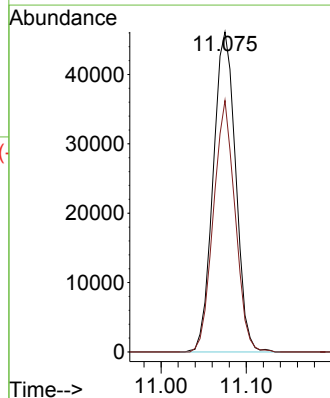
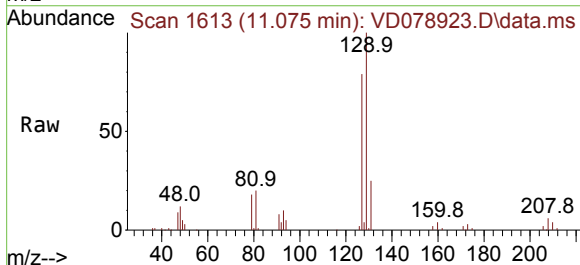
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

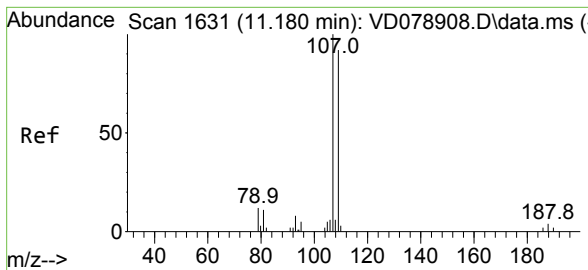
Tgt Ion: 43 Resp: 126174
Ion Ratio Lower Upper
43 100
58 63.5 31.1 93.5



#60
Dibromochloromethane
Concen: 53.188 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 129 Resp: 84644
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

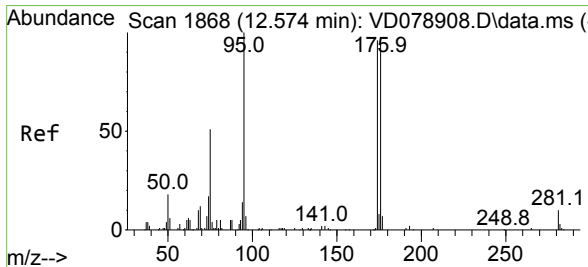
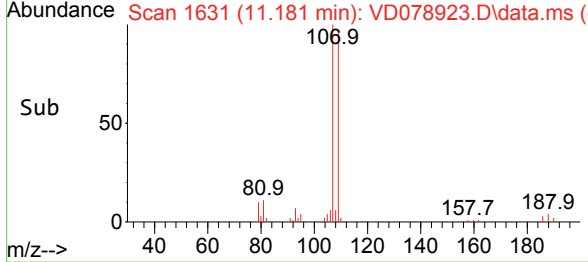
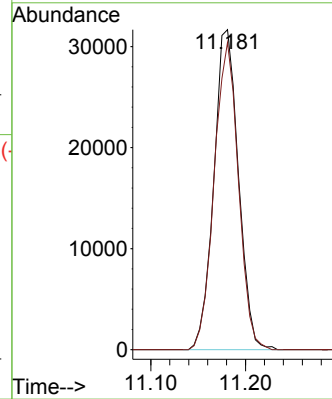
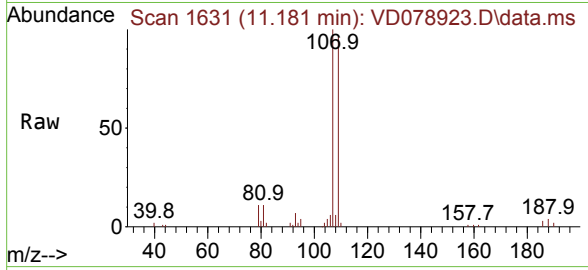




#61
1,2-Dibromoethane
Concen: 53.684 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

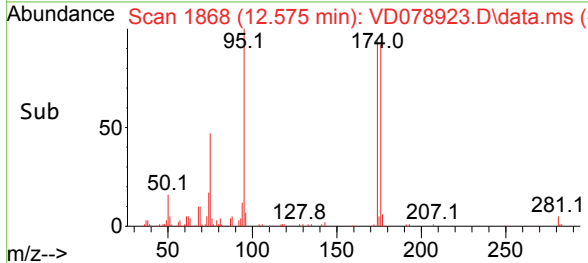
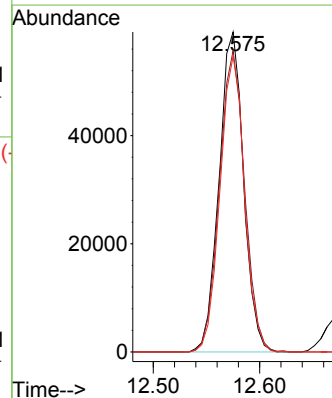
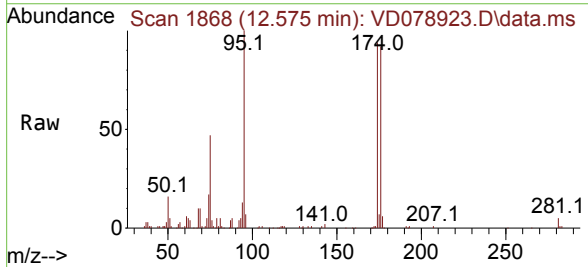
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

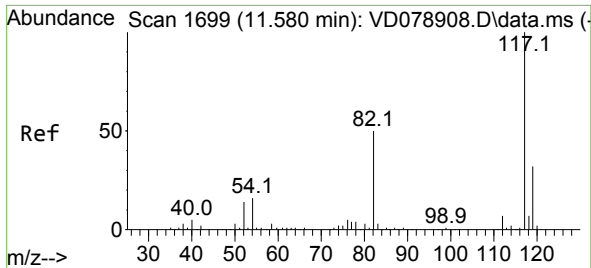
Tgt Ion:107 Resp: 57142
Ion Ratio Lower Upper
107 100
109 94.4 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 57.666 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 95 Resp: 94248
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.4
176 92.3 0.0 192.6

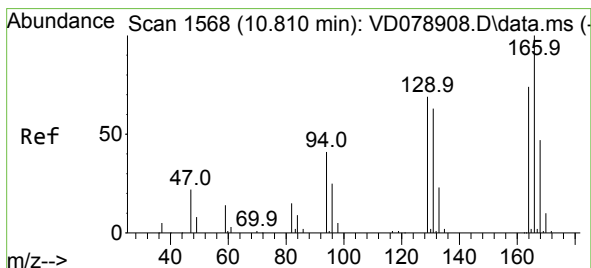
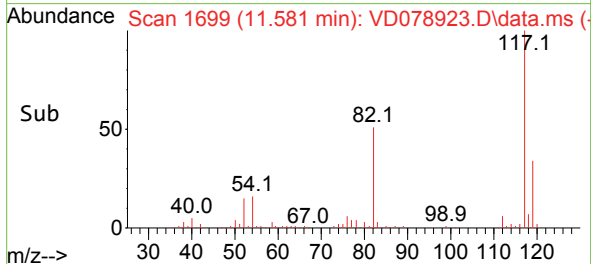
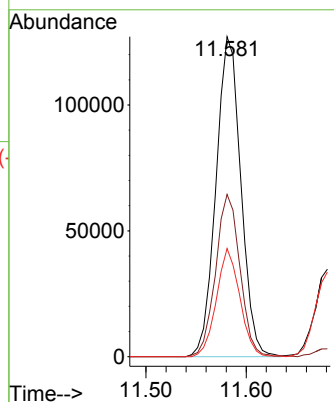
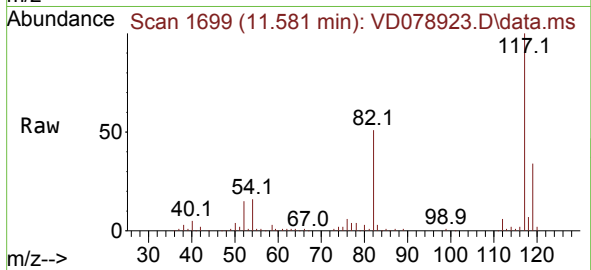




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

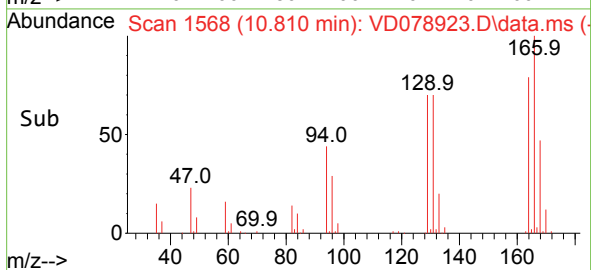
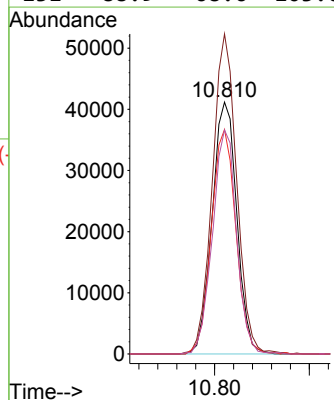
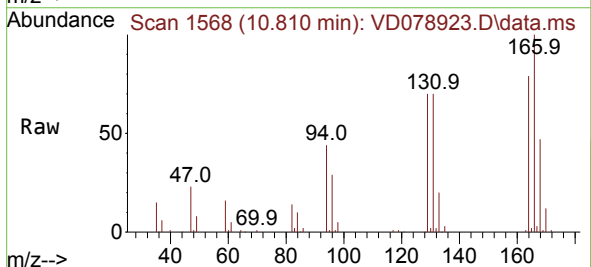
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

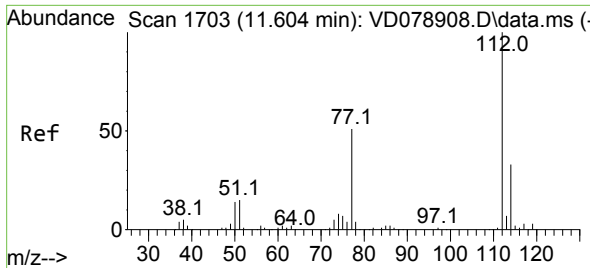
Tgt Ion:117 Resp: 219102
Ion Ratio Lower Upper
117 100
82 50.7 39.8 59.6
119 33.8 25.7 38.5



#64
Tetrachloroethene
Concen: 53.569 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:164 Resp: 74465
Ion Ratio Lower Upper
164 100
166 127.1 108.6 163.0
129 89.2 74.6 112.0
131 88.9 68.6 103.0

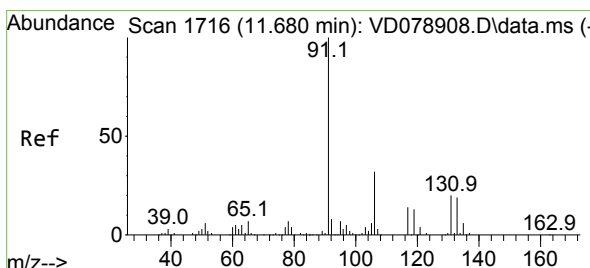
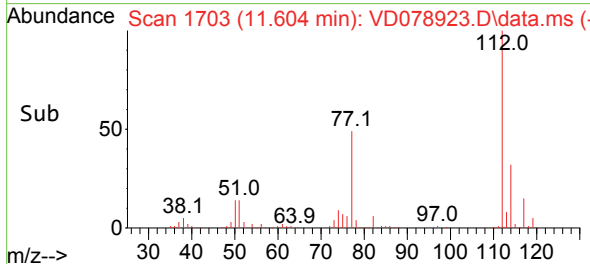
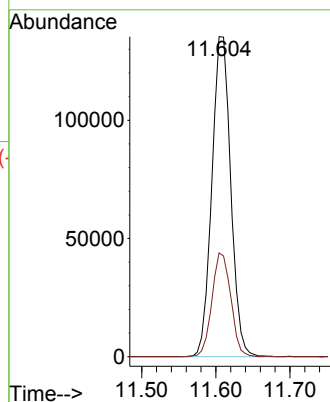
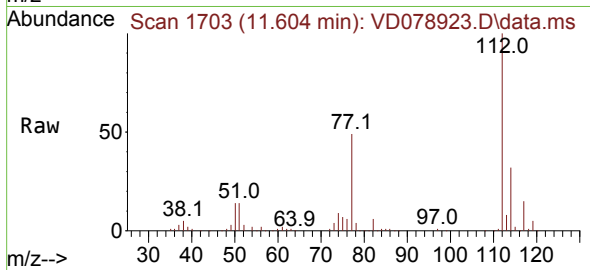




#65
Chlorobenzene
Concen: 52.599 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

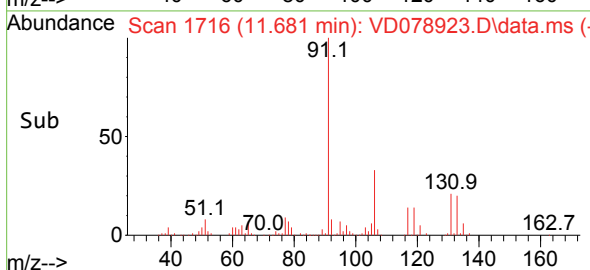
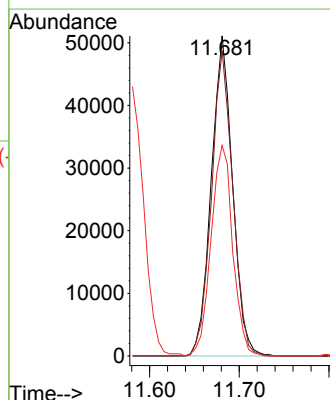
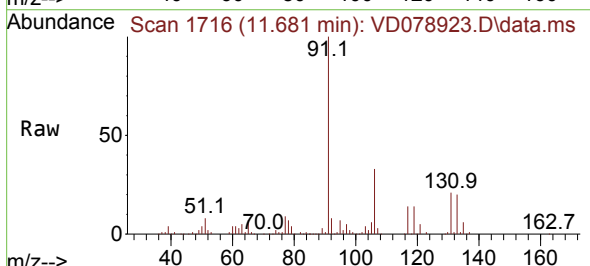
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

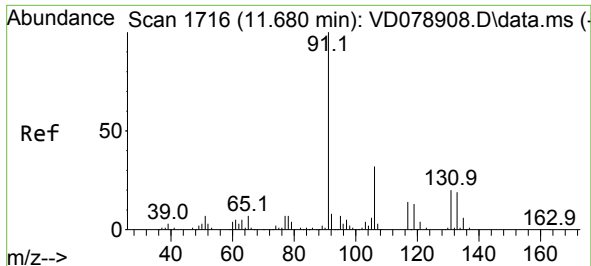
Tgt Ion:112 Resp: 239720
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.421 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:131 Resp: 84168
Ion Ratio Lower Upper
131 100
133 95.2 49.2 147.6
119 66.9 33.4 100.2





#67

Ethyl Benzene

Concen: 54.832 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

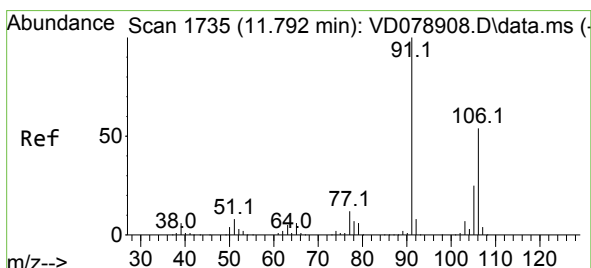
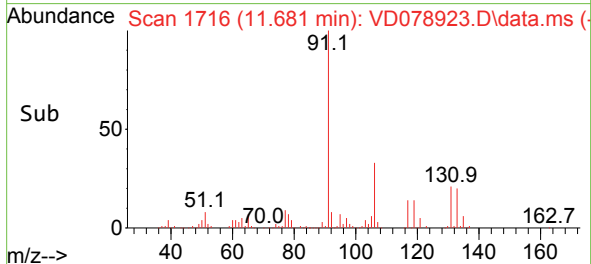
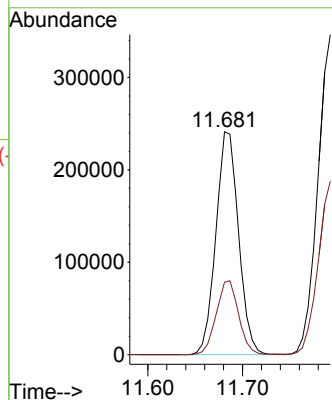
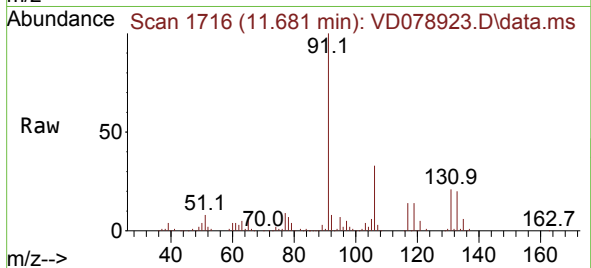
VSTDCCC050

Tgt Ion: 91 Resp: 401942

Ion Ratio Lower Upper

91 100

106 32.5 25.8 38.6



#68

m/p-Xylenes

Concen: 113.892 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078923.D

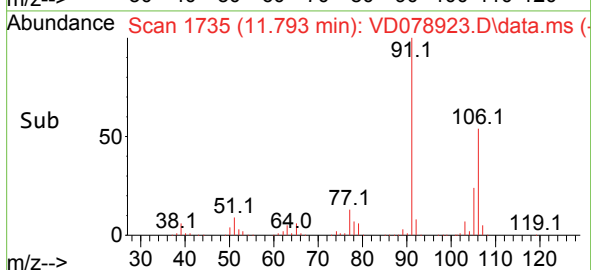
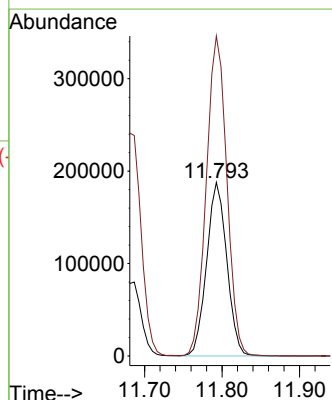
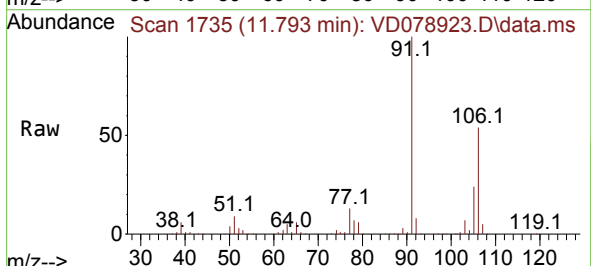
Acq: 15 May 2024 10:37

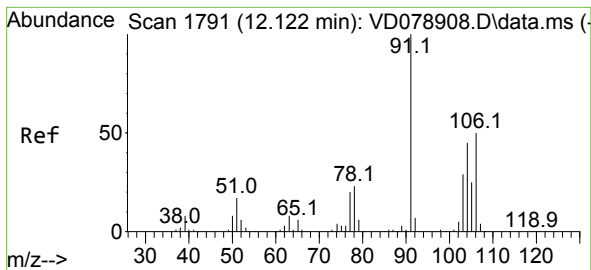
Tgt Ion: 106 Resp: 339433

Ion Ratio Lower Upper

106 100

91 187.2 148.5 222.7

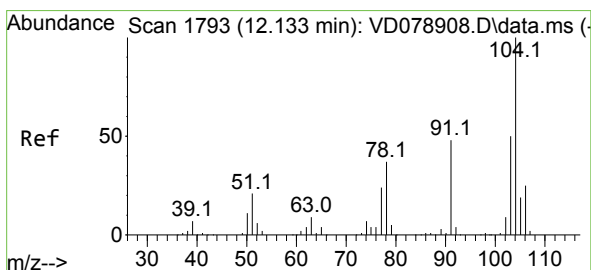
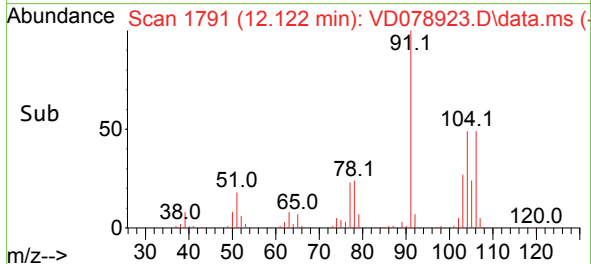
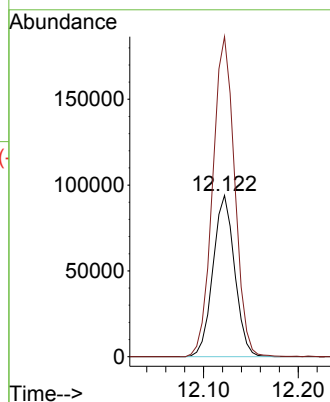
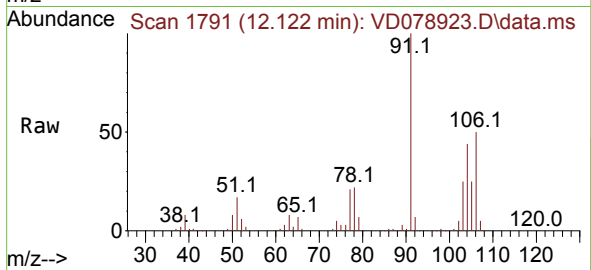




#69
o-Xylene
Concen: 54.912 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

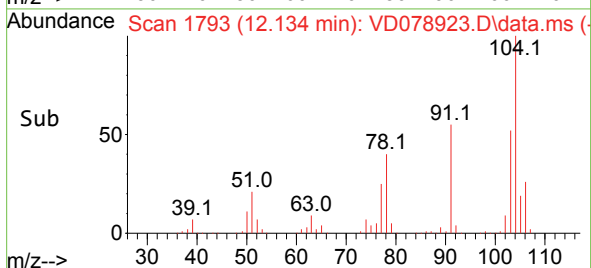
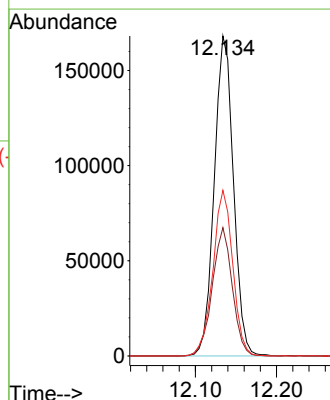
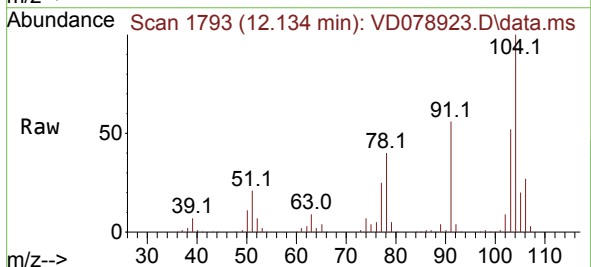
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

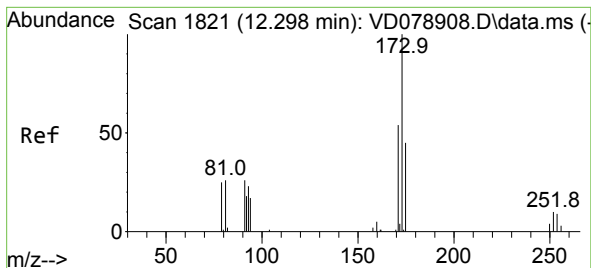
Tgt Ion:106 Resp: 149198
Ion Ratio Lower Upper
106 100
91 202.1 96.7 290.1



#70
Styrene
Concen: 57.382 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:104 Resp: 276317
Ion Ratio Lower Upper
104 100
78 41.9 33.0 49.6
103 53.7 44.2 66.4





#71

Bromoform

Concen: 54.705 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

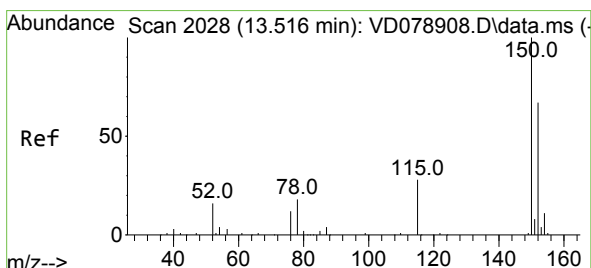
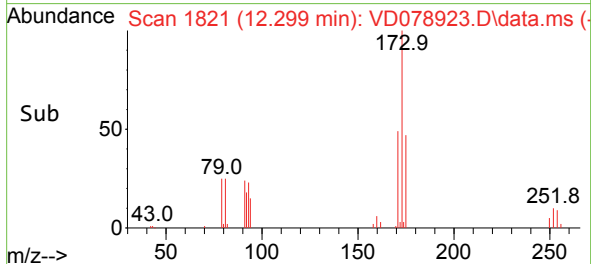
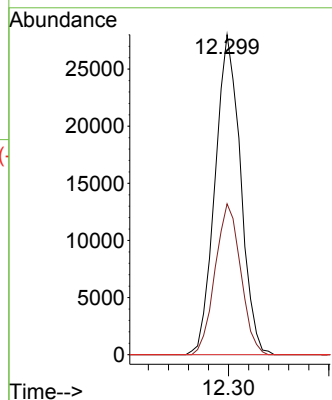
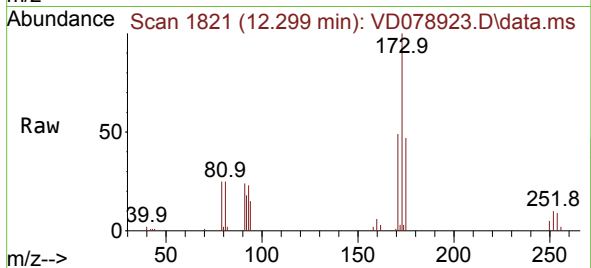
Tgt Ion:173 Resp: 49373

Ion Ratio Lower Upper

173 100

175 47.3 23.7 71.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

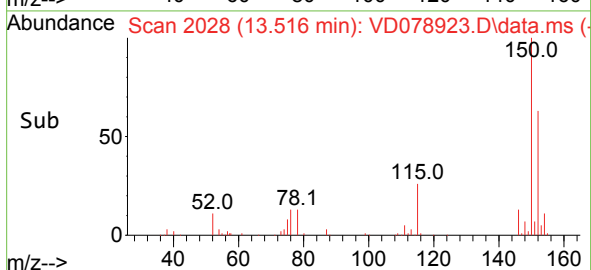
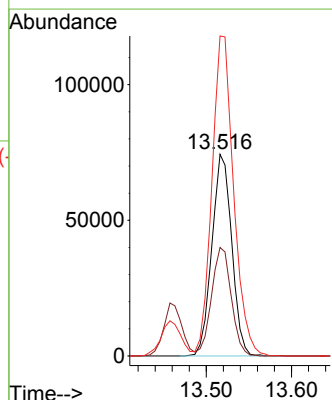
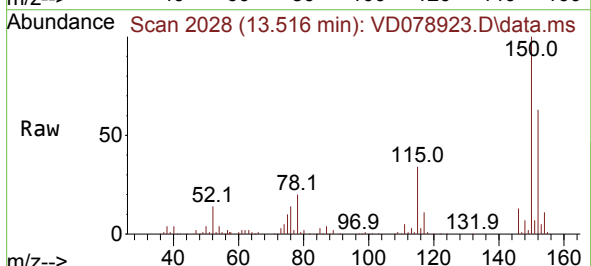
Tgt Ion:152 Resp: 120350

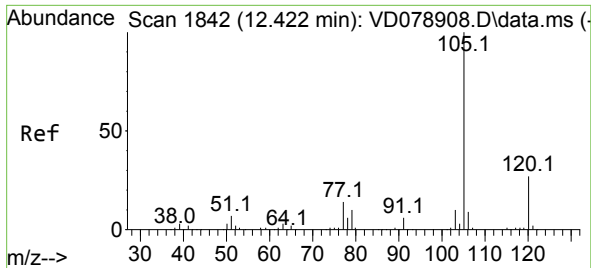
Ion Ratio Lower Upper

152 100

115 53.5 26.5 79.5

150 173.3 0.0 341.6

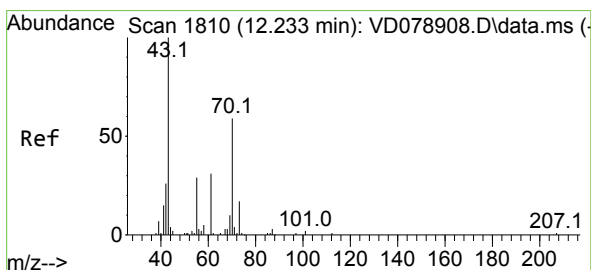
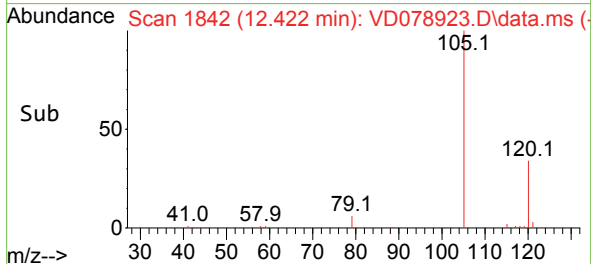
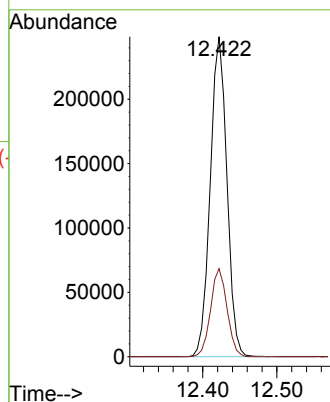
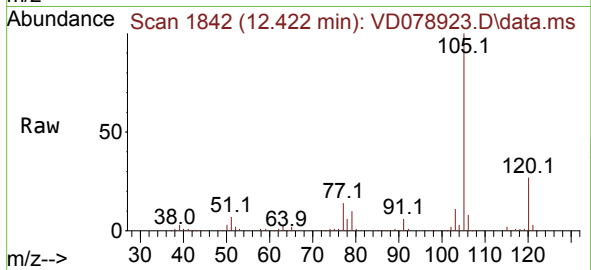




#73
Isopropylbenzene
Concen: 53.950 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

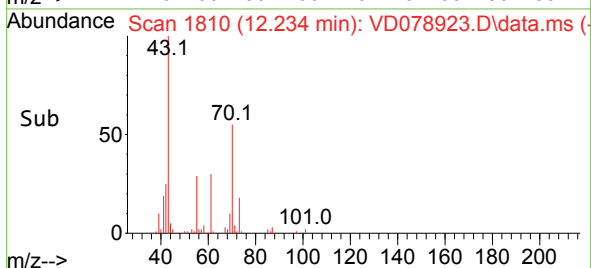
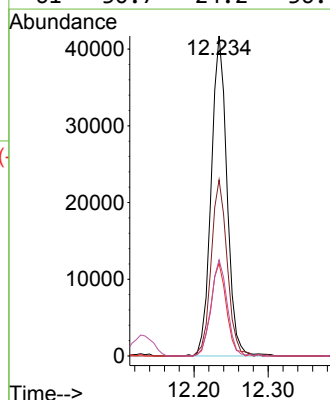
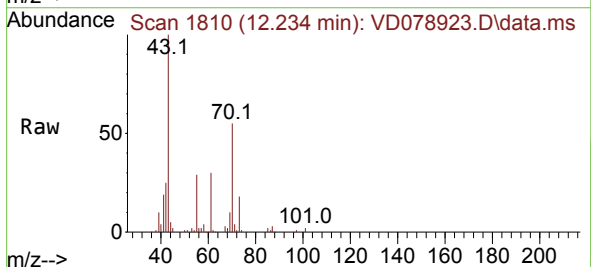
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

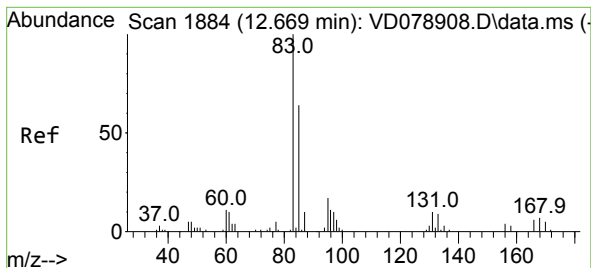
Tgt Ion:105 Resp: 387533
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 52.881 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 43 Resp: 61634
Ion Ratio Lower Upper
43 100
70 56.0 44.3 66.5
55 28.6 23.2 34.8
61 30.7 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.466 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

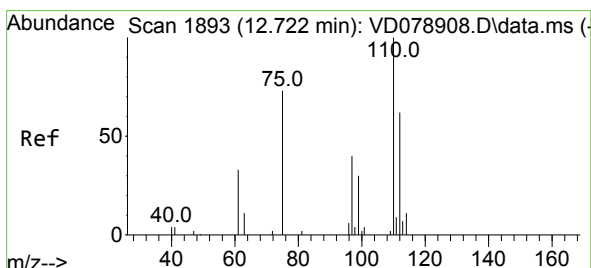
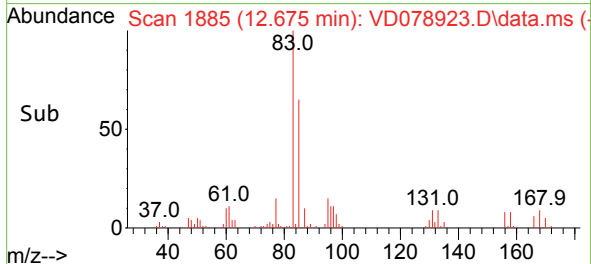
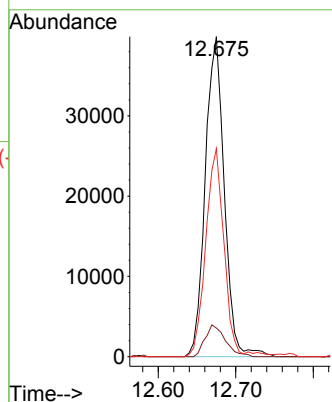
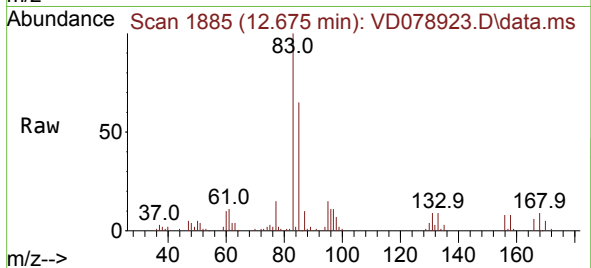
Tgt Ion: 83 Resp: 67980

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

85 61.8 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 94.323 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.001 min

Lab File: VD078923.D

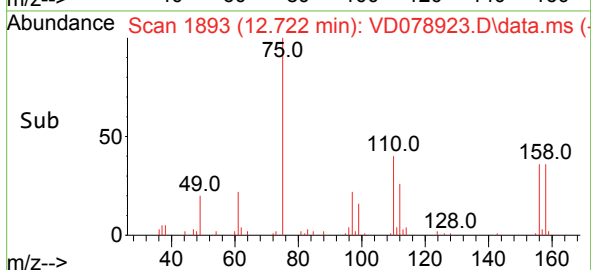
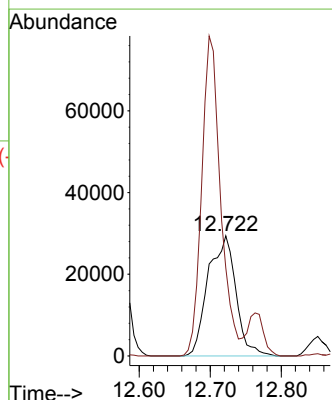
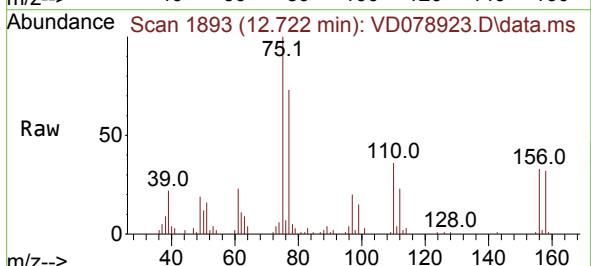
Acq: 15 May 2024 10:37

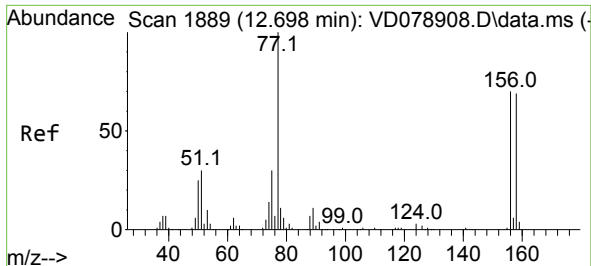
Tgt Ion: 75 Resp: 79917

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

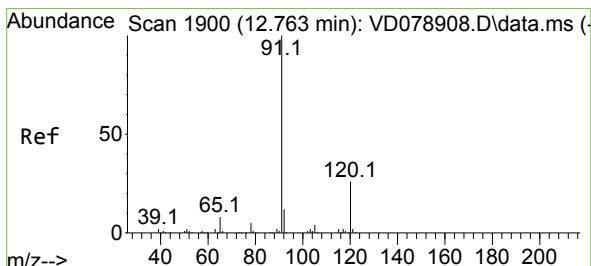
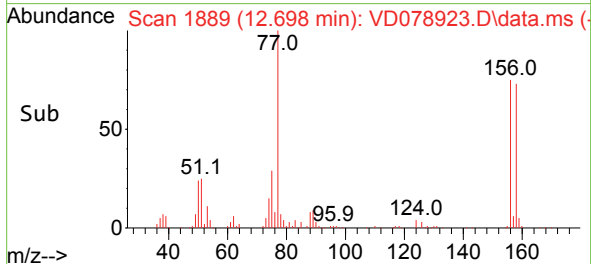
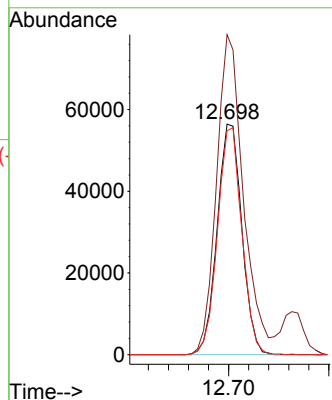
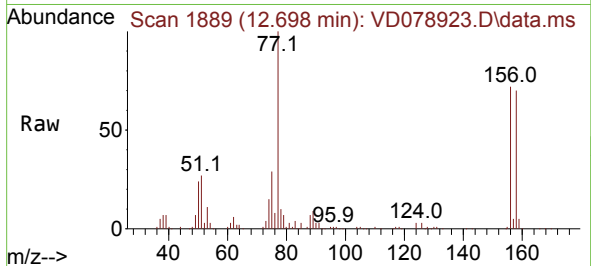




#77
Bromobenzene
Concen: 50.943 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

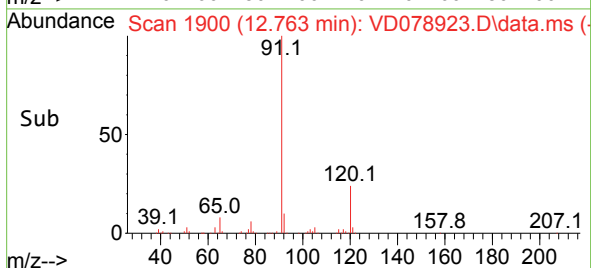
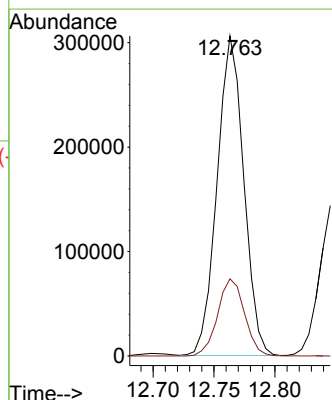
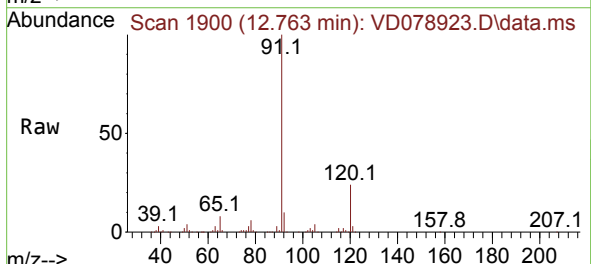
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

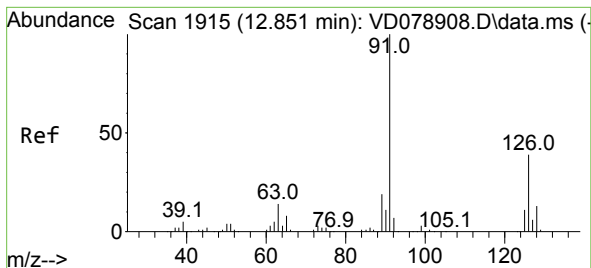
Tgt Ion:156 Resp: 96227
Ion Ratio Lower Upper
156 100
77 150.3 77.3 231.9
158 97.1 49.6 149.0



#78
n-propylbenzene
Concen: 53.640 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 91 Resp: 465710
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 52.432 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

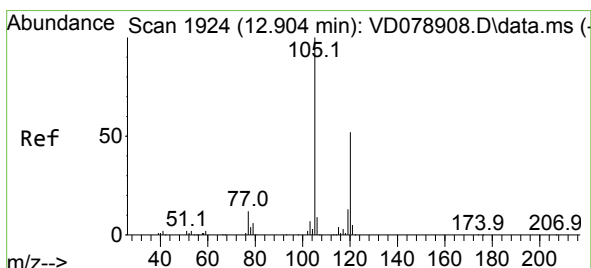
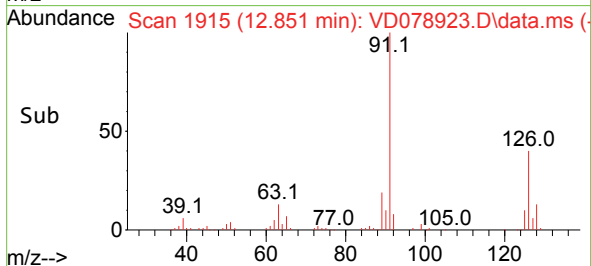
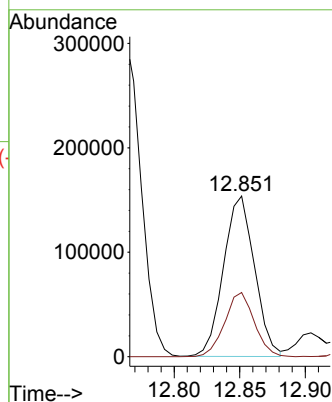
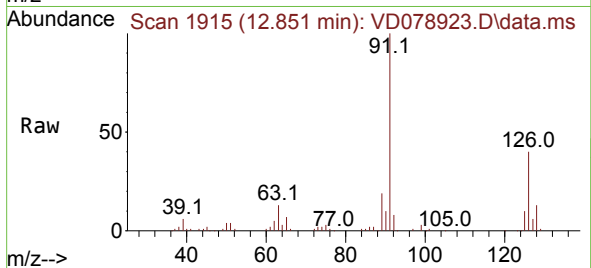
VSTDCCC050

Tgt Ion: 91 Resp: 253011

Ion Ratio Lower Upper

91 100

126 38.1 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 54.194 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.001 min

Lab File: VD078923.D

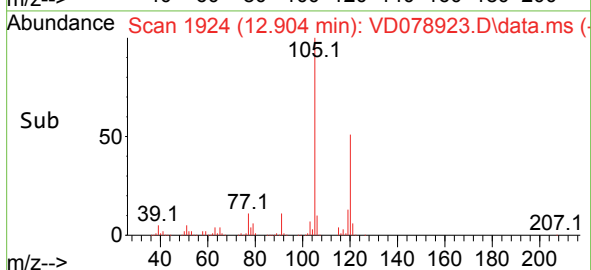
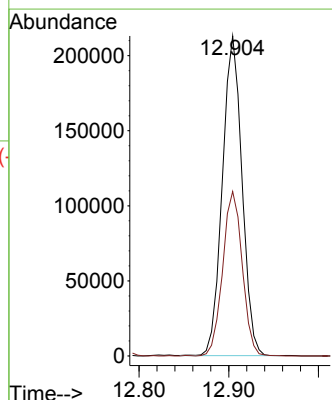
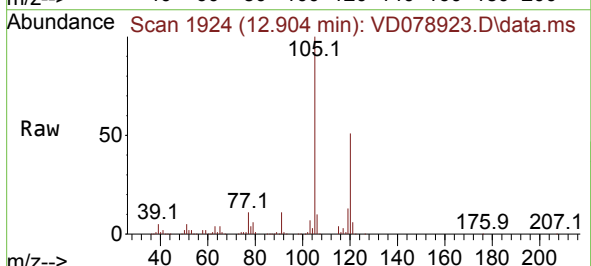
Acq: 15 May 2024 10:37

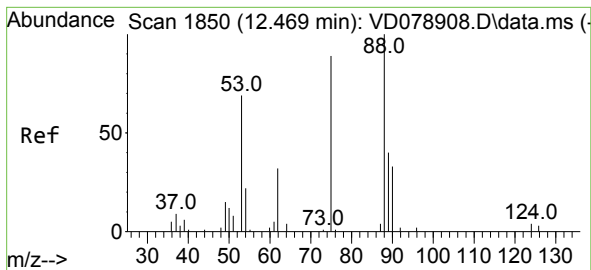
Tgt Ion: 105 Resp: 323424

Ion Ratio Lower Upper

105 100

120 51.2 25.7 77.1

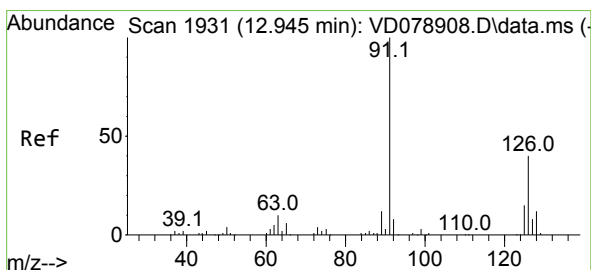
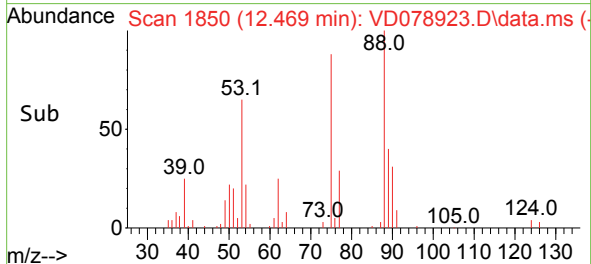
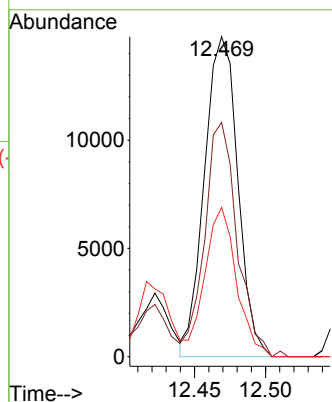
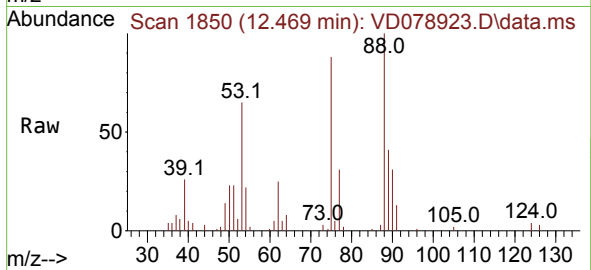




#81
trans-1,4-Dichloro-2-butene
Concen: 56.556 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

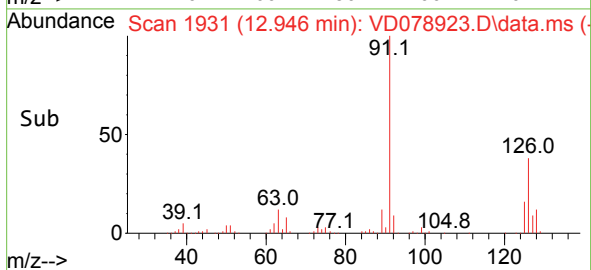
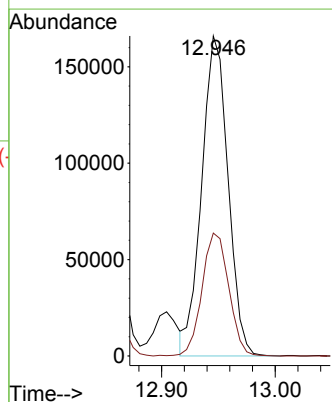
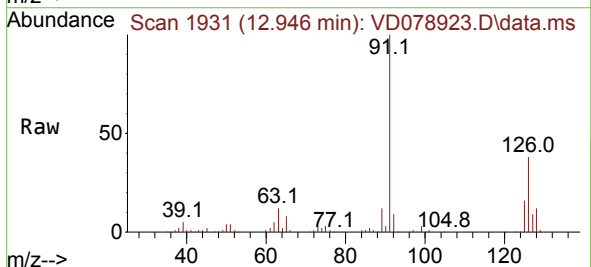
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

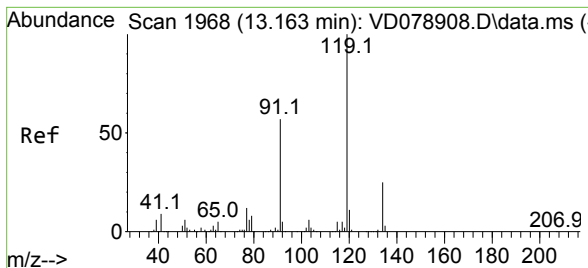
Tgt Ion: 75 Resp: 24164
Ion Ratio Lower Upper
75 100
53 71.4 61.4 92.2
89 43.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.799 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 91 Resp: 267294
Ion Ratio Lower Upper
91 100
126 39.1 18.9 56.9

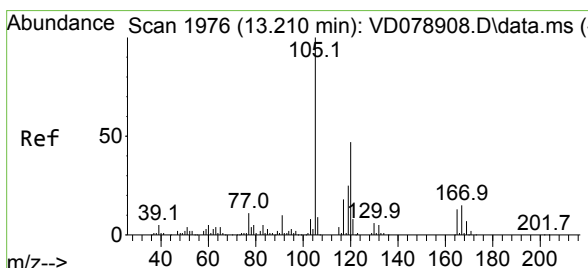
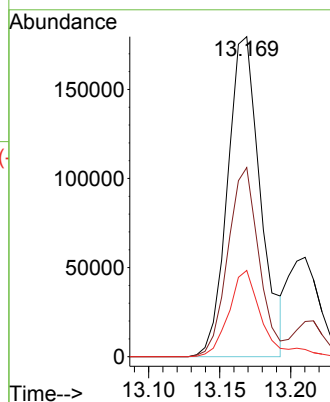
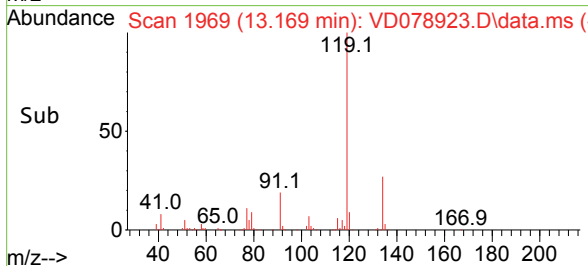
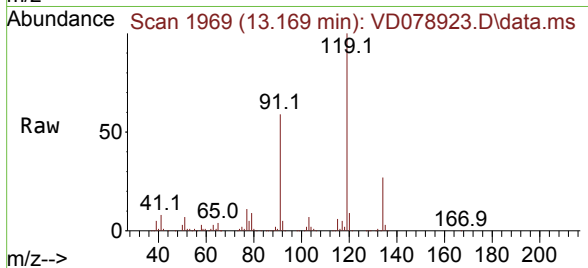




#83
tert-Butylbenzene
Concen: 54.872 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

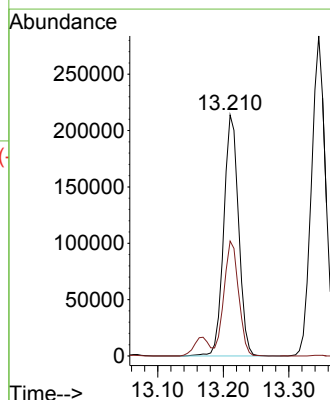
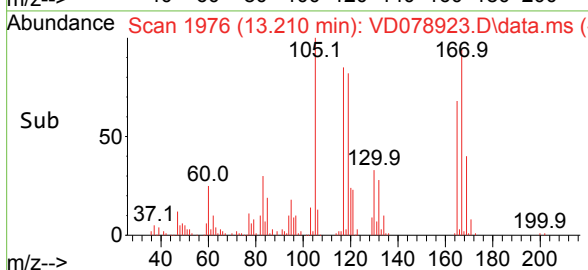
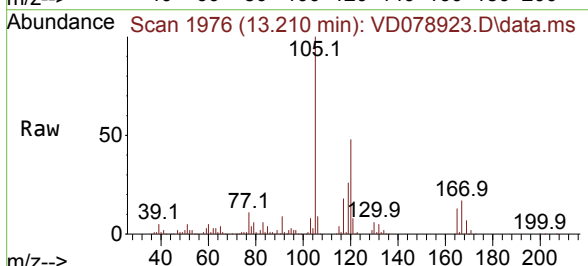
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

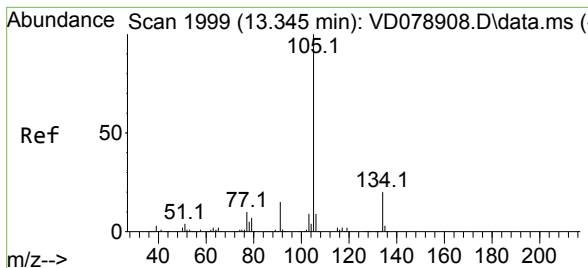
Tgt Ion:119 Resp: 289614
Ion Ratio Lower Upper
119 100
91 55.9 28.2 84.7
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 54.151 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:105 Resp: 334743
Ion Ratio Lower Upper
105 100
120 46.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 53.847 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

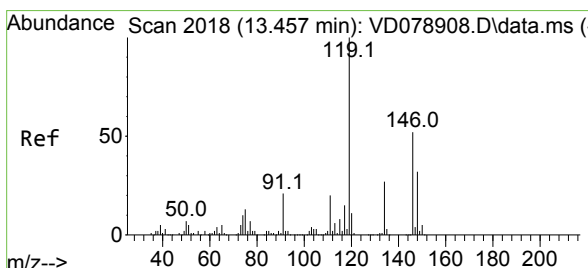
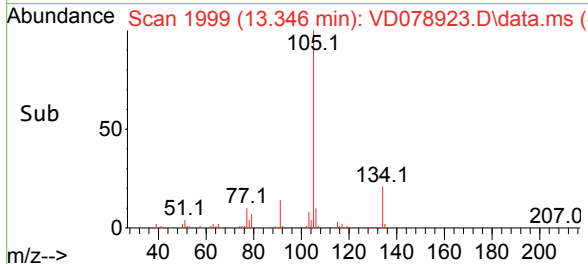
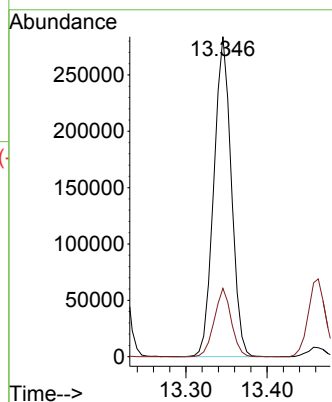
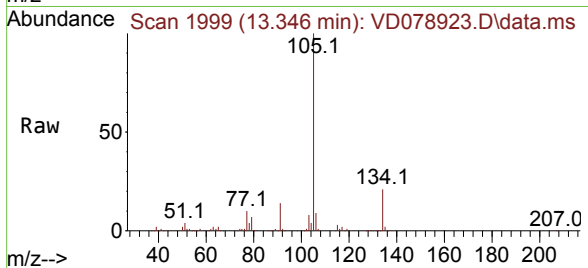
VSTDCCC050

Tgt Ion:105 Resp: 423939

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 54.800 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

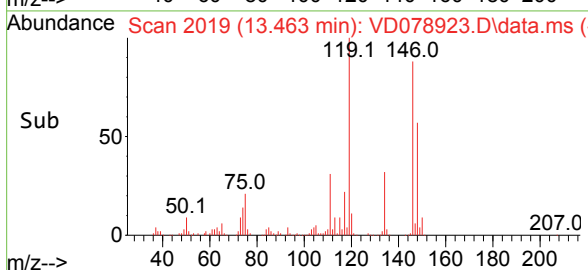
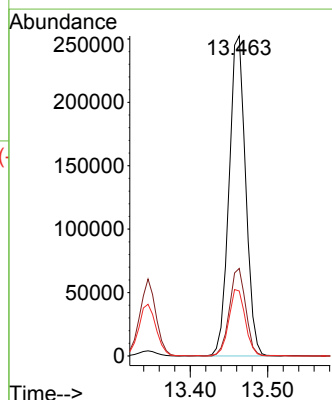
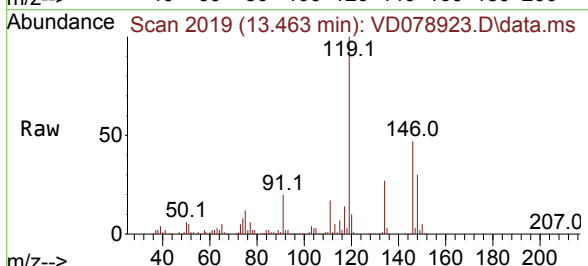
Tgt Ion:119 Resp: 375892

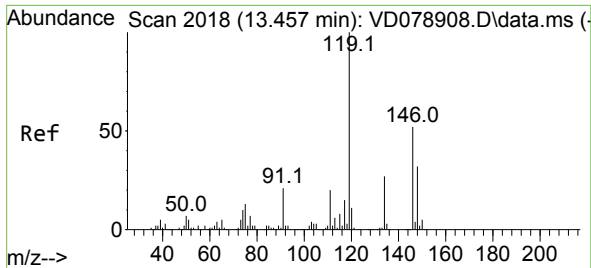
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 20.7 10.7 32.1

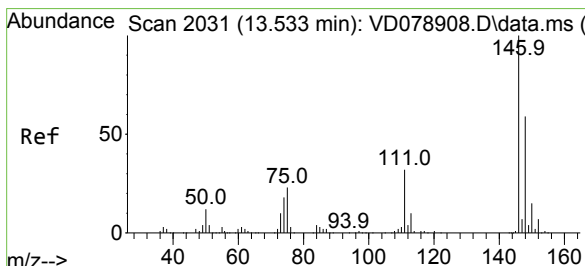
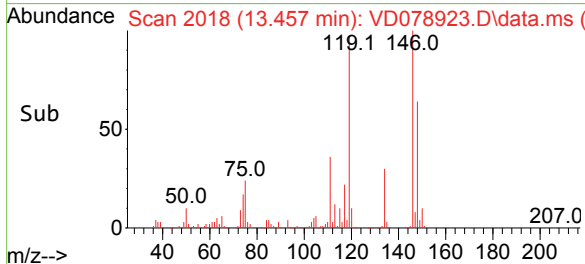
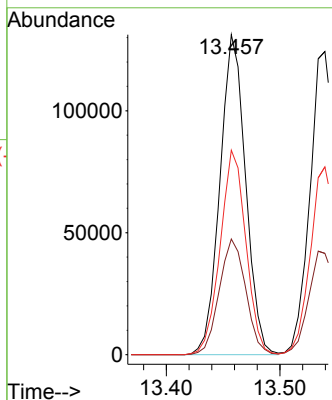
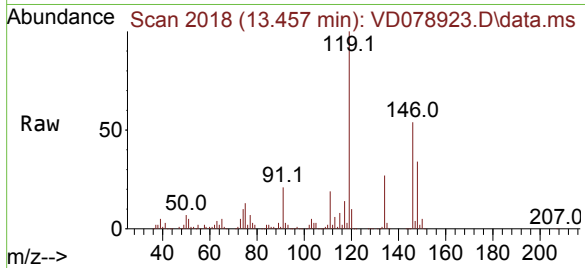




#87
1,3-Dichlorobenzene
Concen: 51.519 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.001 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

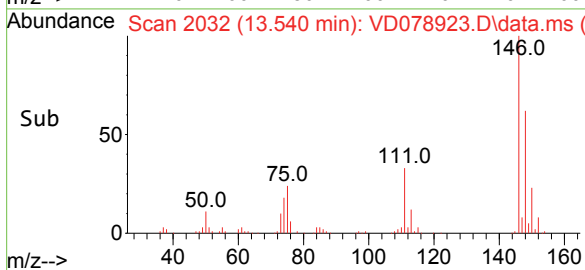
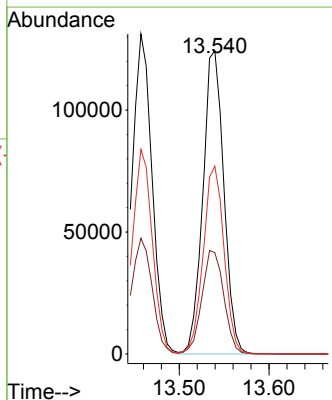
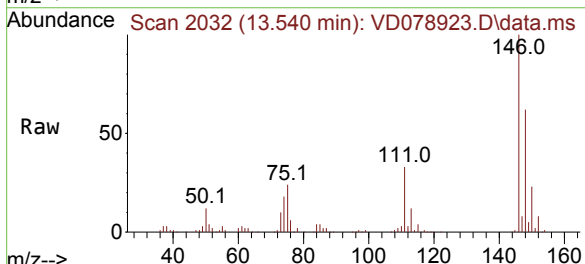
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

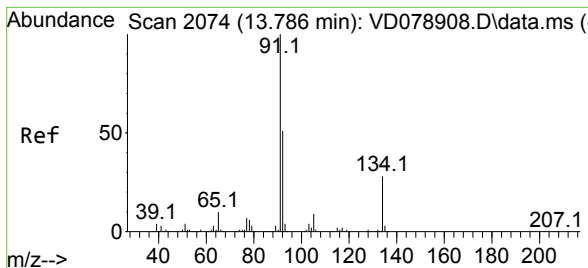
Tgt Ion:146 Resp: 205933
Ion Ratio Lower Upper
146 100
111 37.3 18.5 55.5
148 64.1 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 51.569 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion:146 Resp: 201869
Ion Ratio Lower Upper
146 100
111 35.7 17.5 52.6
148 61.7 31.4 94.2





#89

n-Butylbenzene

Concen: 52.770 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

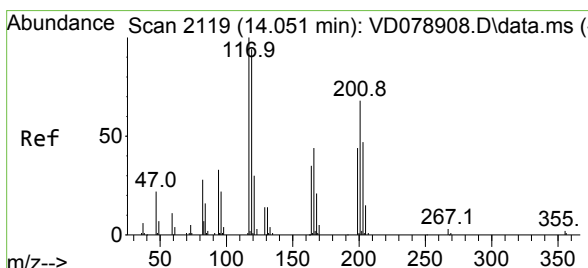
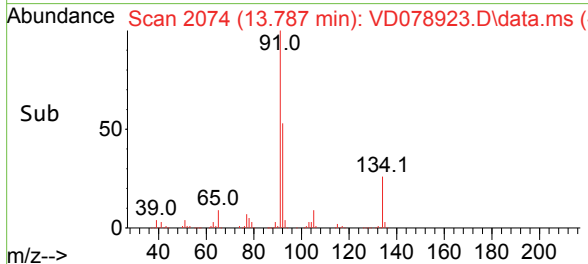
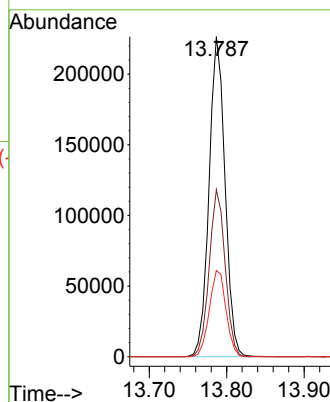
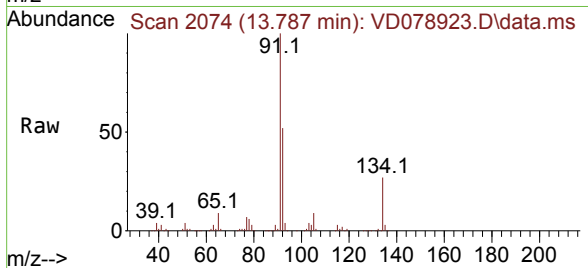
Tgt Ion: 91 Resp: 324349

Ion Ratio Lower Upper

91 100

92 52.2 25.7 77.0

134 28.1 13.6 40.8



#90

Hexachloroethane

Concen: 50.900 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078923.D

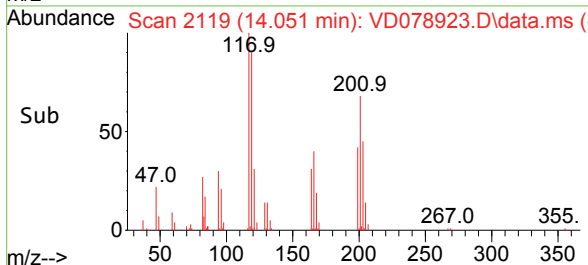
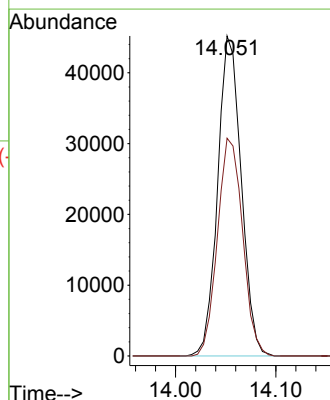
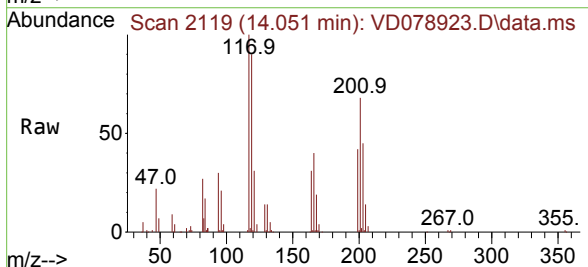
Acq: 15 May 2024 10:37

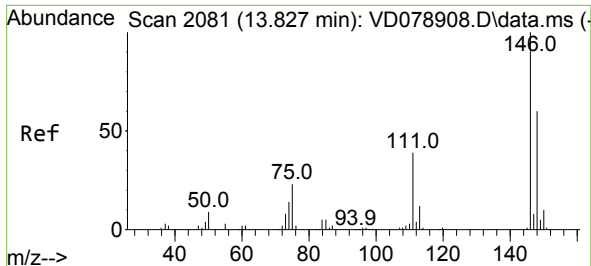
Tgt Ion: 117 Resp: 73646

Ion Ratio Lower Upper

117 100

201 72.6 36.3 108.9

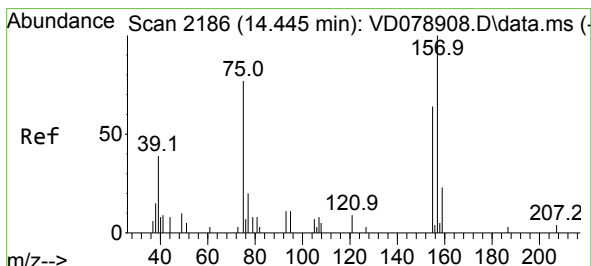
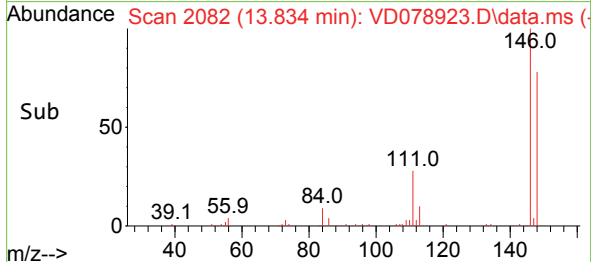
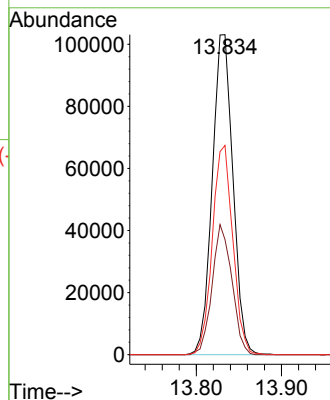
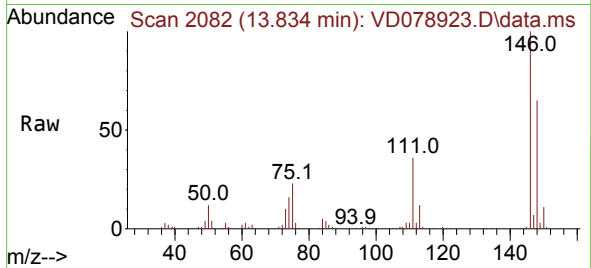




#91
1,2-Dichlorobenzene
Concen: 51.956 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

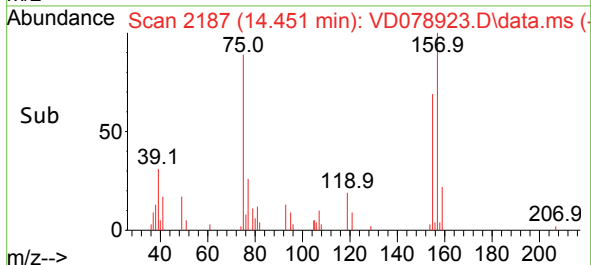
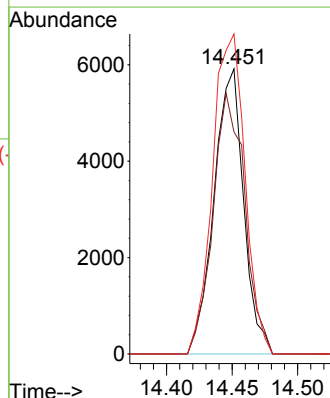
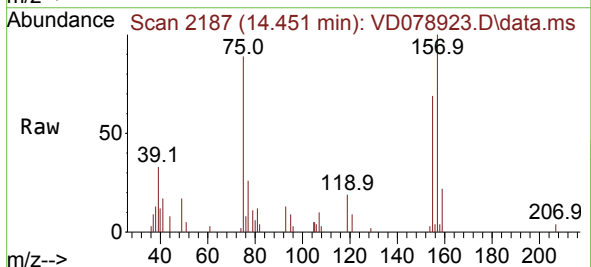
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

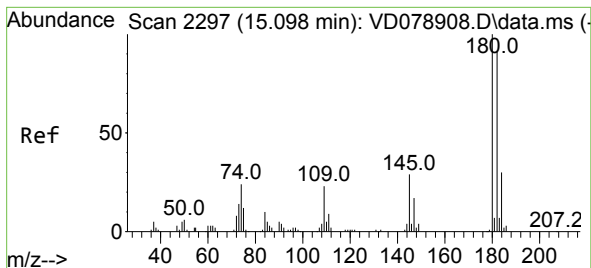
Tgt Ion:146 Resp: 173765
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 64.9 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.984 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078923.D
Acq: 15 May 2024 10:37

Tgt Ion: 75 Resp: 9312
Ion Ratio Lower Upper
75 100
155 97.9 47.7 143.1
157 122.3 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 52.699 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

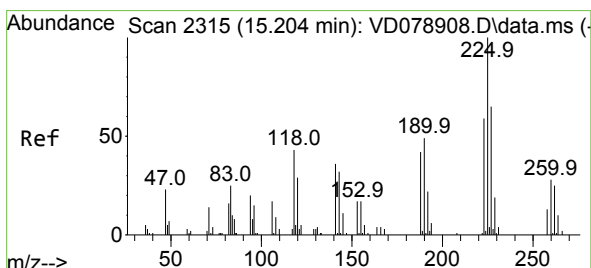
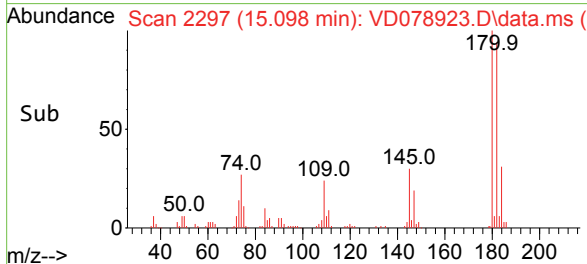
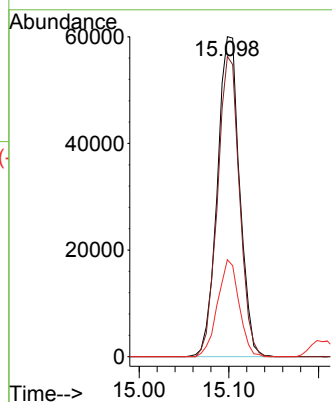
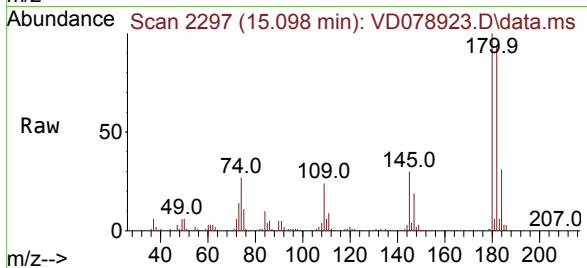
Tgt Ion:180 Resp: 103486

Ion Ratio Lower Upper

180 100

182 92.3 46.9 140.7

145 29.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 50.056 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

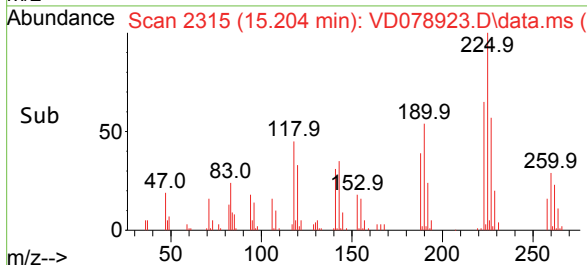
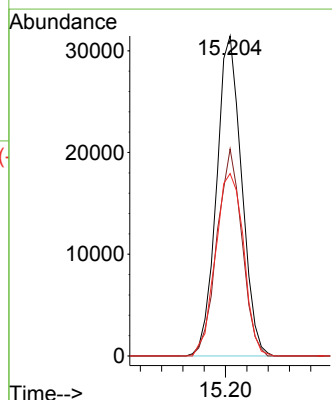
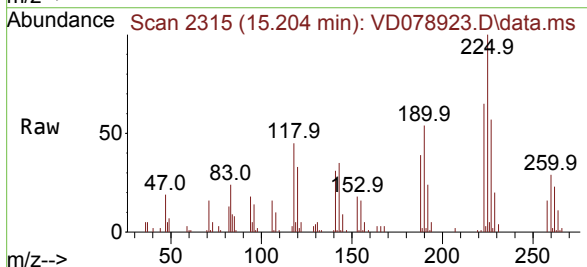
Tgt Ion:225 Resp: 51369

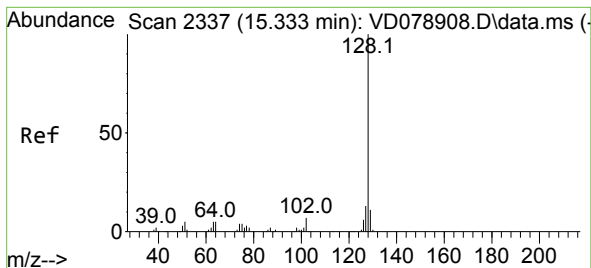
Ion Ratio Lower Upper

225 100

223 64.5 33.3 99.9

227 63.9 33.6 100.6





#95

Naphthalene

Concen: 56.574 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

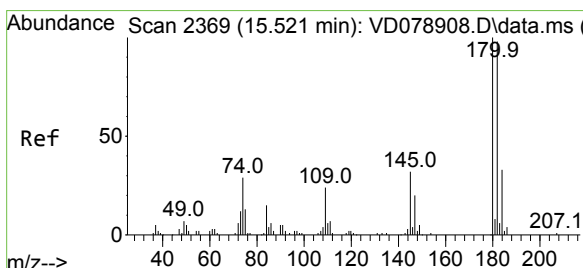
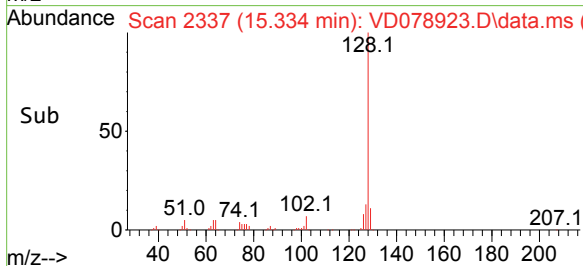
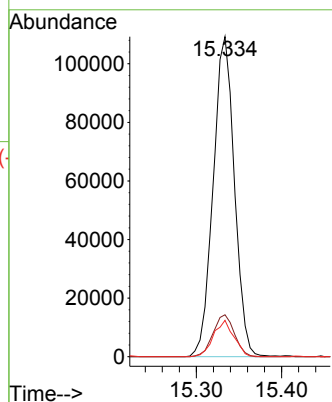
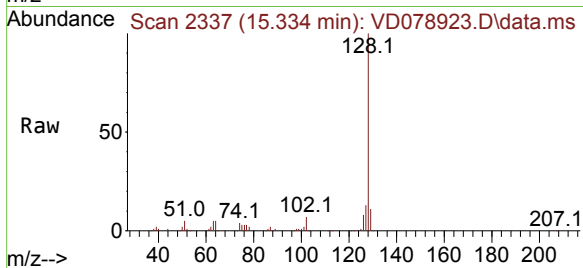
Tgt Ion:128 Resp: 189236

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.147 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078923.D

Acq: 15 May 2024 10:37

Tgt Ion:180 Resp: 92839

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.3

145 30.5 16.1 48.2

