

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075633.D
 Acq On : 12 Apr 2023 10:13
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 13 07:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	322654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	168390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	87199	53.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.260%	
35) Dibromofluoromethane	7.804	113	107106	54.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.269	98	419862	54.385	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.574	95	137348	60.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	64873	45.899	ug/l	96
3) Chloromethane	2.146	50	115828	47.126	ug/l	98
4) Vinyl Chloride	2.281	62	170101	49.435	ug/l	99
5) Bromomethane	2.693	94	132902	48.504	ug/l	96
6) Chloroethane	2.834	64	122405	50.712	ug/l	94
7) Trichlorofluoromethane	3.175	101	144753	49.315	ug/l	99
8) Diethyl Ether	3.593	74	45362	50.036	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.969	101	97522	50.475	ug/l	93
10) Methyl Iodide	4.163	142	120078	51.979	ug/l	92
11) Tert butyl alcohol	5.063	59	23218	299.239	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	92178	49.705	ug/l	90
13) Acrolein	3.793	56	29186	270.670	ug/l	98
14) Allyl chloride	4.563	41	82608	49.357	ug/l #	81
15) Acrylonitrile	5.257	53	93492	269.111	ug/l	99
16) Acetone	4.022	43	84776	283.491	ug/l #	80
17) Carbon Disulfide	4.269	76	223992	46.666	ug/l	97
18) Methyl Acetate	4.563	43	48491	53.729	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	207661	52.982	ug/l	95
20) Methylene Chloride	4.798	84	121449	47.610	ug/l #	73
21) trans-1,2-Dichloroethene	5.310	96	110806	50.620	ug/l #	77
22) Diisopropyl ether	6.216	45	224511	54.684	ug/l #	90
23) Vinyl Acetate	6.157	43	465128	233.578	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	175942	51.894	ug/l	98
25) 2-Butanone	7.081	43	108479	279.520	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	156115	50.194	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	134077	52.021	ug/l	80
28) Bromochloromethane	7.428	49	60856	52.534	ug/l #	47
29) Tetrahydrofuran	7.445	42	58440	284.359	ug/l #	53
30) Chloroform	7.598	83	204415	52.999	ug/l	95
31) Cyclohexane	7.875	56	108565	45.468	ug/l #	80
32) 1,1,1-Trichloroethane	7.792	97	168519	52.501	ug/l	95
36) 1,1-Dichloropropene	8.004	75	138979	55.289	ug/l	93
37) Ethyl Acetate	7.163	43	43675	57.790	ug/l #	80
38) Carbon Tetrachloride	7.992	117	131818	54.683	ug/l	97
39) Methylcyclohexane	9.275	83	149802	50.048	ug/l	90
40) Benzene	8.251	78	454181	56.073	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	19311	45.397	ug/l #	44
42) 1,2-Dichloroethane	8.322	62	108286	57.539	ug/l	90
43) Isopropyl Acetate	8.357	43	84034	58.248	ug/l #	80
44) Trichloroethene	9.028	130	123314	51.977	ug/l	96
45) 1,2-Dichloropropane	9.304	63	104238	55.167	ug/l	92
46) Dibromomethane	9.392	93	67610	57.630	ug/l	98
47) Bromodichloromethane	9.586	83	158041	55.706	ug/l	96
48) Methyl methacrylate	9.380	41	36873	56.397	ug/l #	56
49) 1,4-Dioxane	9.380	88	12858	1209.058	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	226569	291.733	ug/l #	76
52) Toluene	10.333	92	303370	55.455	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	142106	55.260	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	169750	54.289	ug/l #	77
55) 1,1,2-Trichloroethane	10.733	97	95683	55.307	ug/l	91
56) Ethyl methacrylate	10.598	69	95242	57.115	ug/l #	66
57) 1,3-Dichloropropane	10.880	76	147244	56.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	225491	279.684	ug/l #	88
59) 2-Hexanone	10.922	43	162407	296.834	ug/l	70
60) Dibromochloromethane	11.075	129	112847	54.632	ug/l	96
61) 1,2-Dibromoethane	11.180	107	89623	54.202	ug/l	97
64) Tetrachloroethene	10.810	164	100155	51.609	ug/l	95
65) Chlorobenzene	11.610	112	331514	52.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.686	131	119568	53.985	ug/l	95
67) Ethyl Benzene	11.686	91	562634	54.447	ug/l	97
68) m/p-Xylenes	11.792	106	470172	110.468	ug/l	92
69) o-Xylene	12.122	106	214291	55.927	ug/l	93
70) Styrene	12.139	104	387577	58.982	ug/l	93
71) Bromoform	12.304	173	66303	57.918	ug/l #	98
73) Isopropylbenzene	12.422	105	549007	52.540	ug/l	98
74) N-amyl acetate	12.233	43	77097	52.606	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.674	83	105918	54.191	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	123001	112.355	ug/l #	100
77) Bromobenzene	12.704	156	135437	51.349	ug/l	90
78) n-propylbenzene	12.763	91	672980	53.565	ug/l	97
79) 2-Chlorotoluene	12.851	91	368492	53.030	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	459343	53.675	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	30482	53.012	ug/l #	73
82) 4-Chlorotoluene	12.951	91	383135	53.152	ug/l	92
83) tert-Butylbenzene	13.169	119	385054	51.820	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	462096	53.470	ug/l	94
85) sec-Butylbenzene	13.345	105	611232	53.828	ug/l	98
86) p-Isopropyltoluene	13.463	119	512286	53.669	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	284208	51.602	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	280441	51.484	ug/l	97
89) n-Butylbenzene	13.792	91	458791	52.865	ug/l	99
90) Hexachloroethane	14.057	117	96736	53.576	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	243945	51.383	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13339	54.557	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	131931	52.395	ug/l	97
94) Hexachlorobutadiene	15.204	225	61394	51.474	ug/l	96
95) Naphthalene	15.333	128	257649	53.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	116376	52.164	ug/l	99

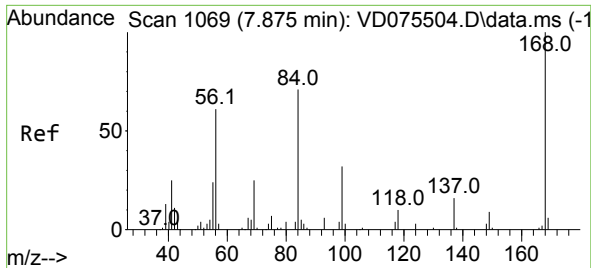
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Response via : Initial Calibration

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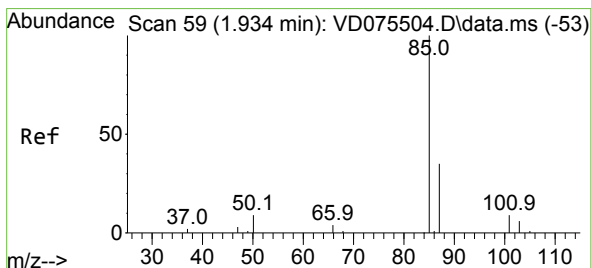
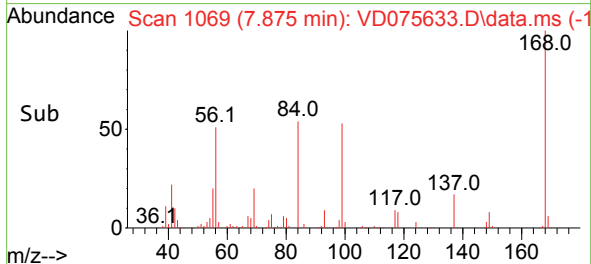
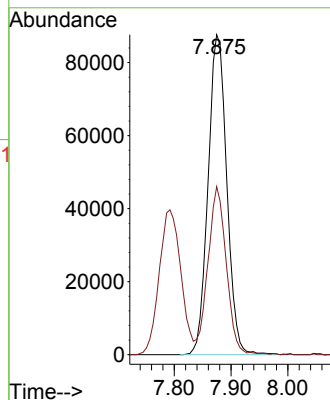
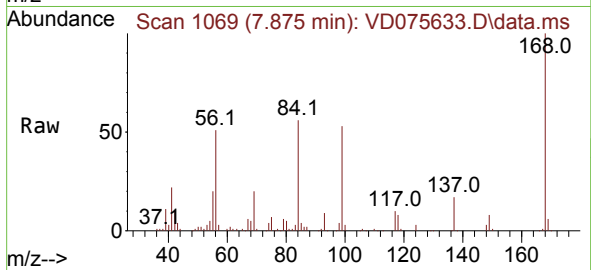
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075633.D
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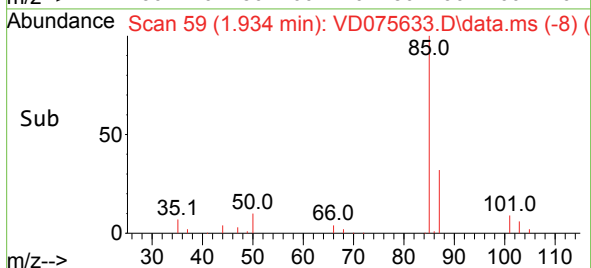
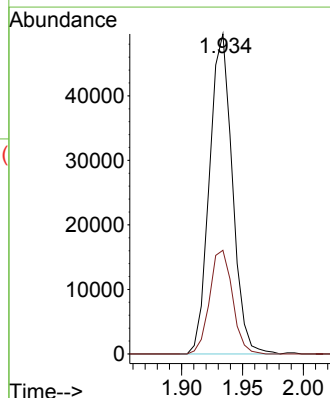
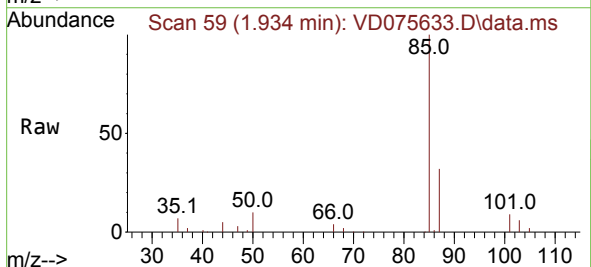
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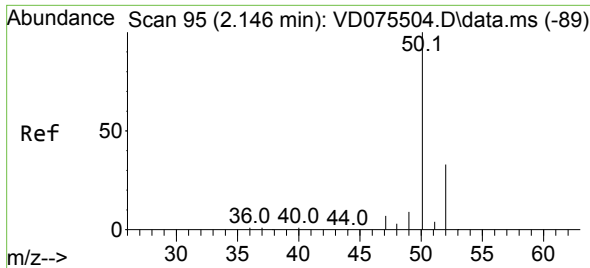
Tgt Ion:168 Resp: 200060
Ion Ratio Lower Upper
168 100
99 52.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 45.899 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 85 Resp: 64873
Ion Ratio Lower Upper
85 100
87 32.4 17.3 51.7

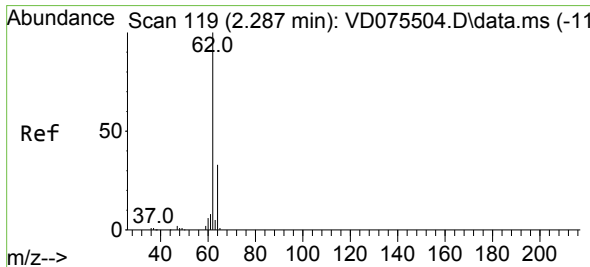
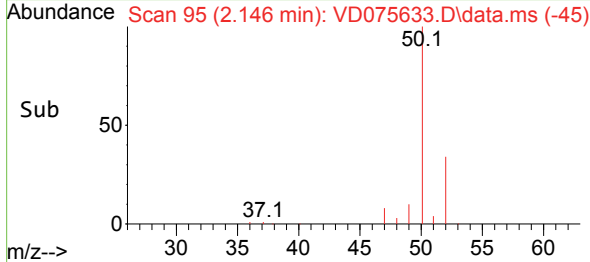
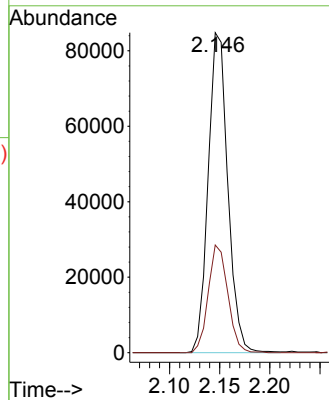
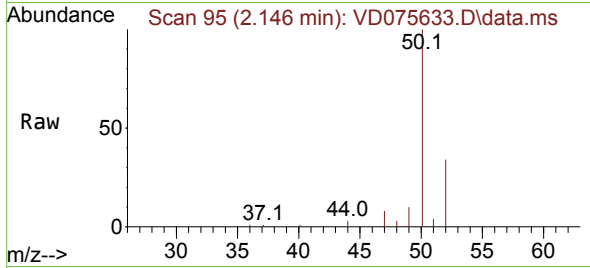




#3
Chloromethane
Concen: 47.126 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

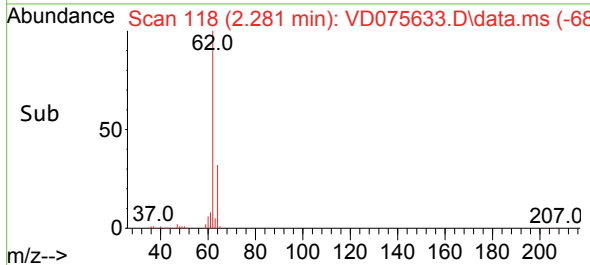
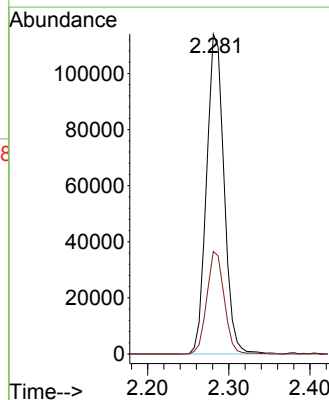
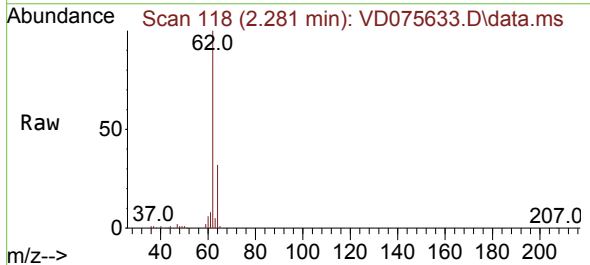
Instrument :
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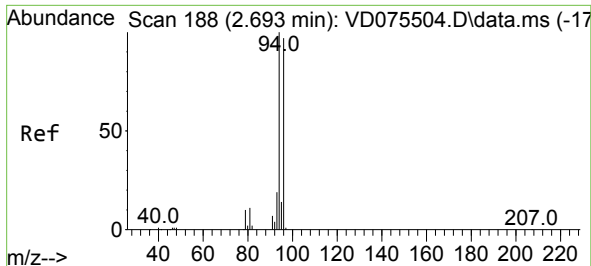
Tgt Ion: 50 Resp: 115828
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8



#4
Vinyl Chloride
Concen: 49.435 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 62 Resp: 170101
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

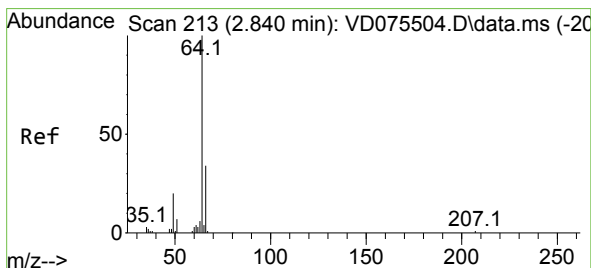
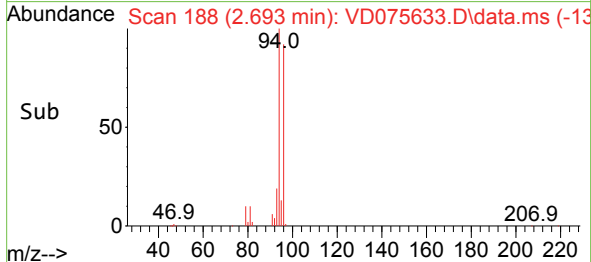
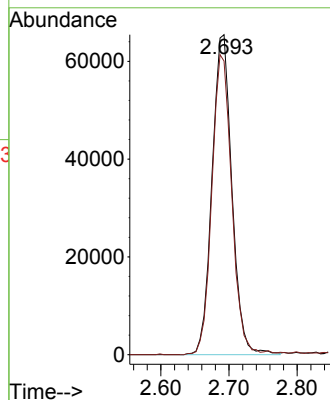
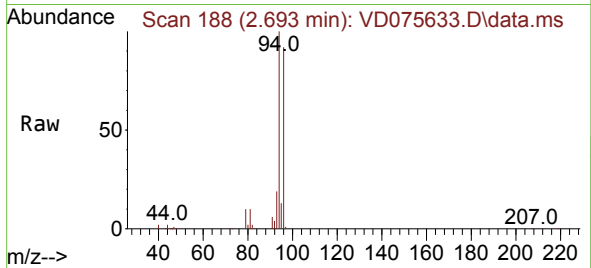




#5
Bromomethane
Concen: 48.504 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

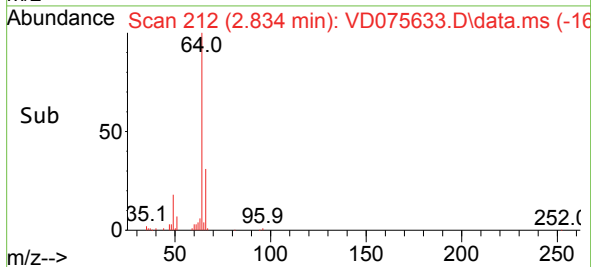
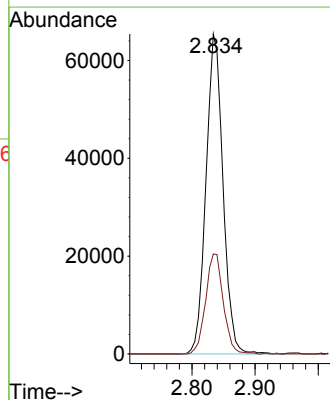
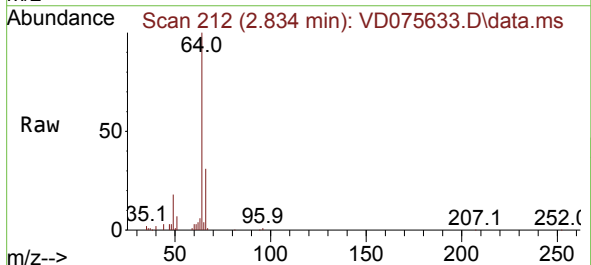
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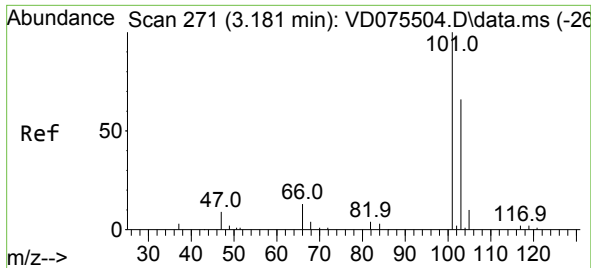
Tgt Ion: 94 Resp: 132902
Ion Ratio Lower Upper
94 100
96 93.3 77.5 116.3



#6
Chloroethane
Concen: 50.712 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 64 Resp: 122405
Ion Ratio Lower Upper
64 100
66 31.3 27.7 41.5

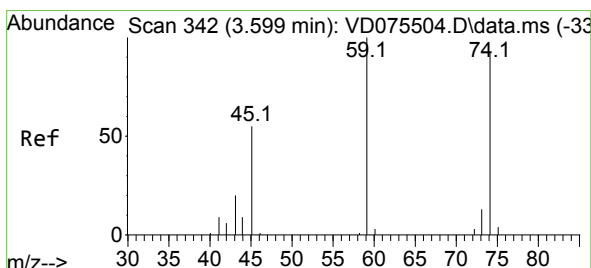
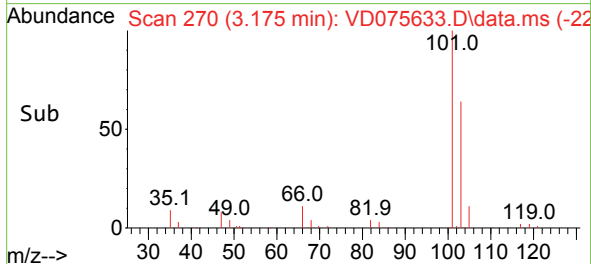
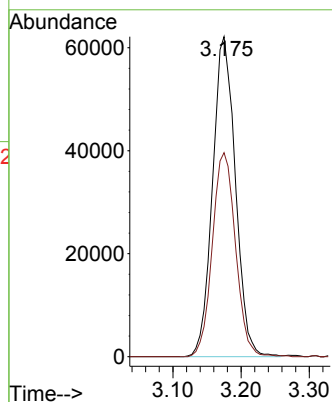
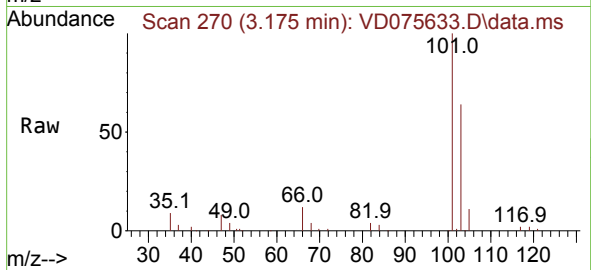




#7
 Trichlorofluoromethane
 Concen: 49.315 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

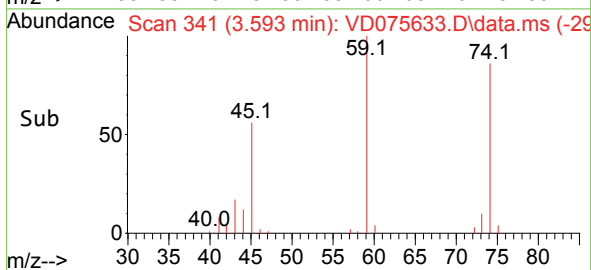
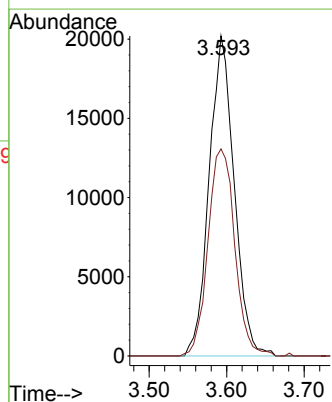
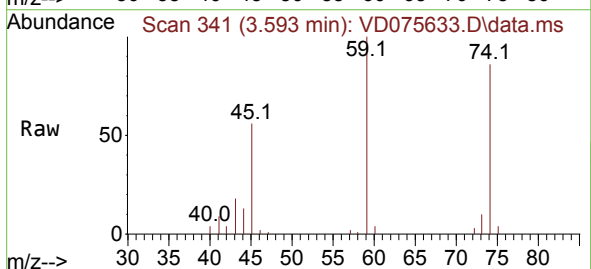
Instrument :
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 ClientSampleId :
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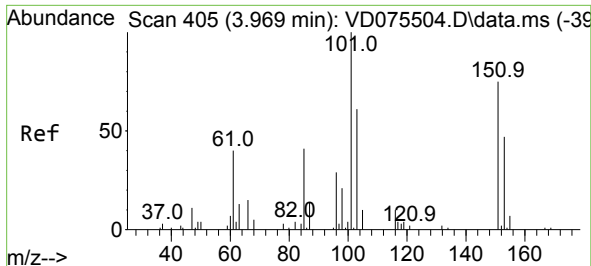
Tgt Ion:101 Resp: 144753
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.036 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion: 74 Resp: 45362
 Ion Ratio Lower Upper
 74 100
 45 69.1 50.9 152.7

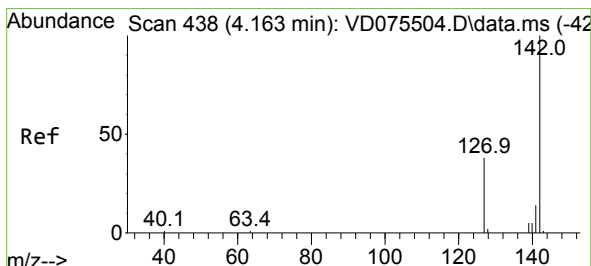
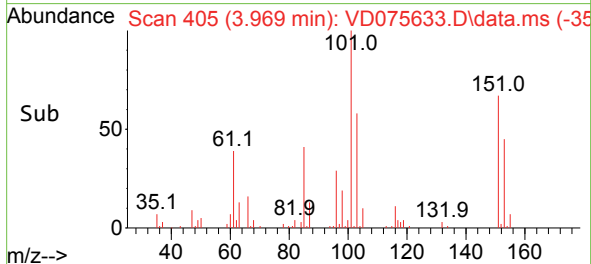
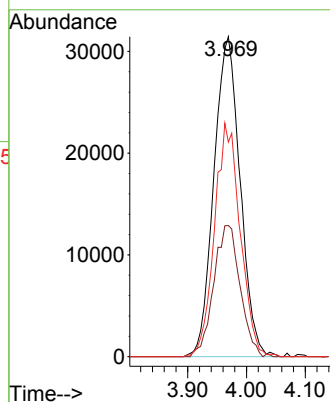
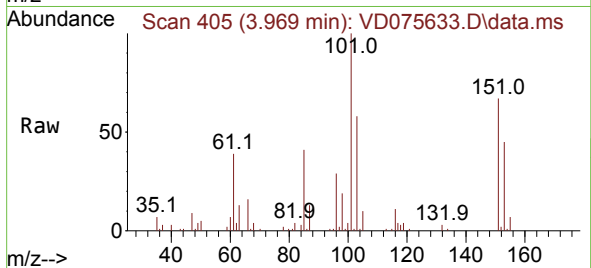




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.475 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

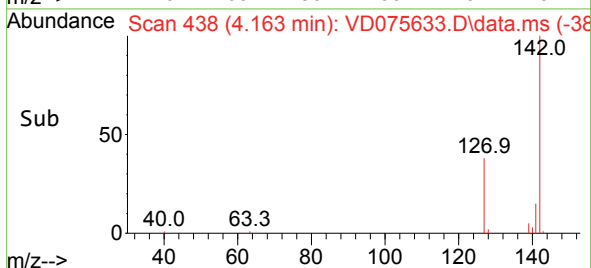
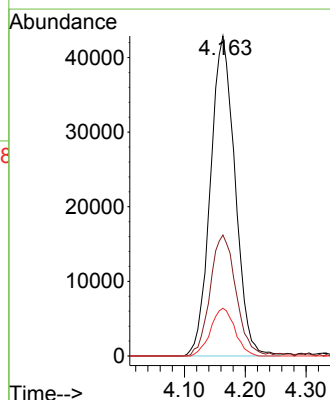
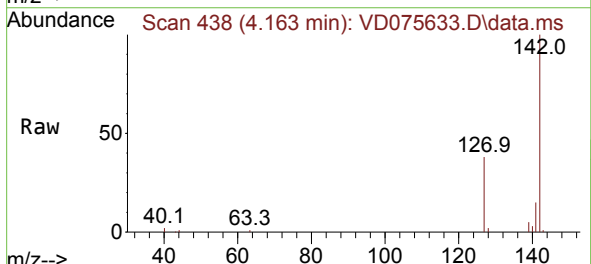
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

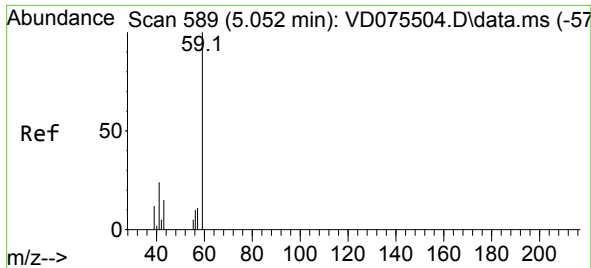
Tgt Ion:101 Resp: 97522
Ion Ratio Lower Upper
101 100
85 41.3 38.3 57.5
151 71.5 60.4 90.6



#10
Methyl Iodide
Concen: 51.979 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:142 Resp: 120078
Ion Ratio Lower Upper
142 100
127 39.6 37.1 55.7
141 14.8 11.3 16.9

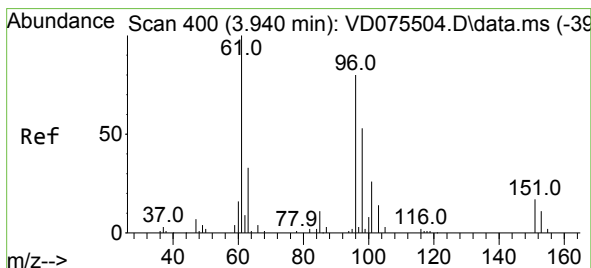
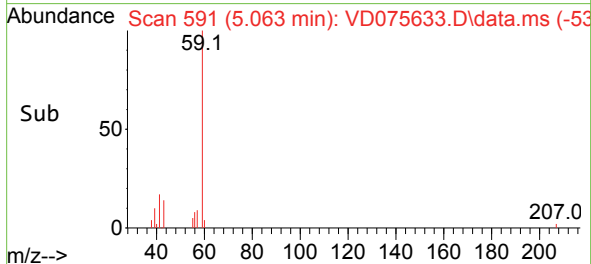
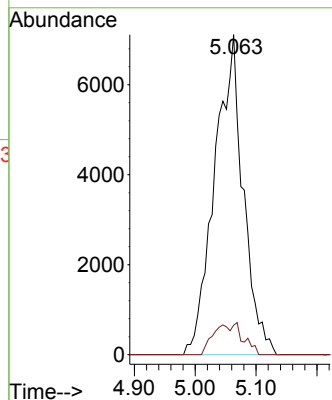
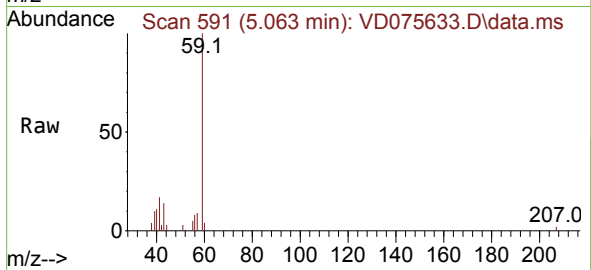




#11
Tert butyl alcohol
Concen: 299.239 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.005 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

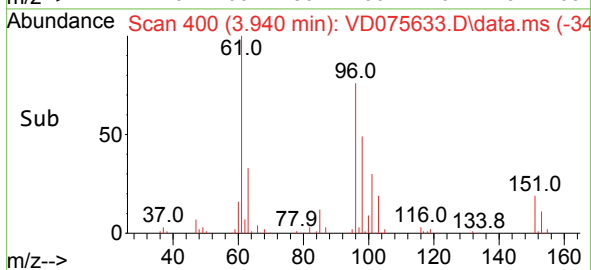
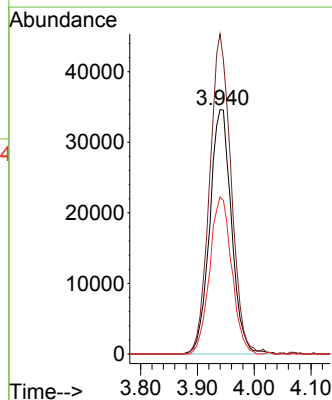
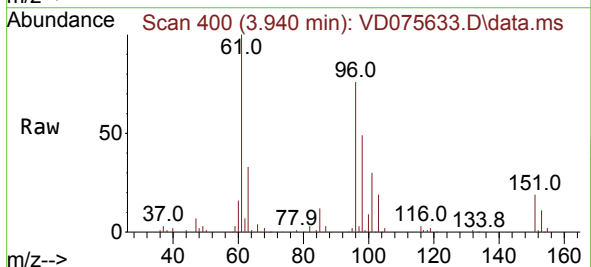
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

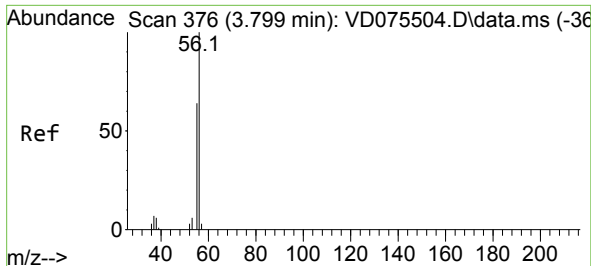
Tgt Ion: 59 Resp: 23218
Ion Ratio Lower Upper
59 100
57 5.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.705 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 96 Resp: 92178
Ion Ratio Lower Upper
96 100
61 131.0 118.6 177.8
98 64.3 49.7 74.5





#13

Acrolein

Concen: 270.670 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

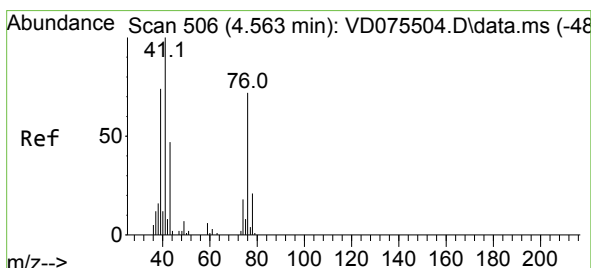
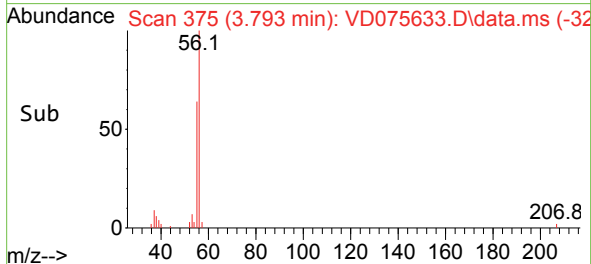
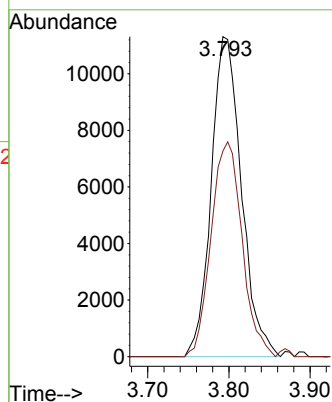
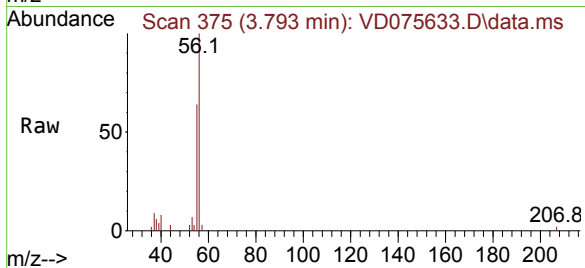
VSTDCCC050

Tgt Ion: 56 Resp: 29186

Ion Ratio Lower Upper

56 100

55 69.0 53.9 80.9



#14

Allyl chloride

Concen: 49.357 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

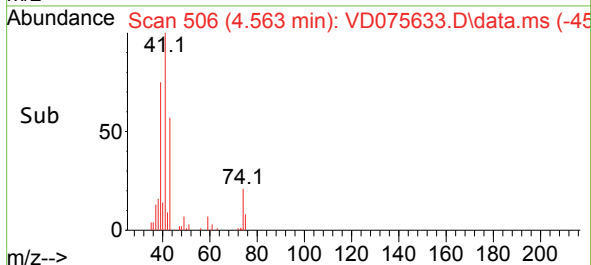
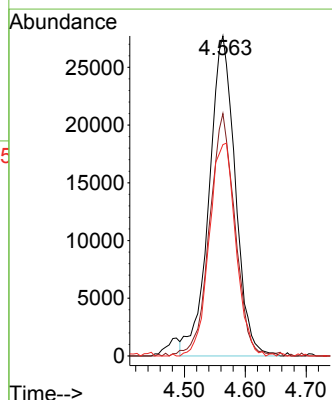
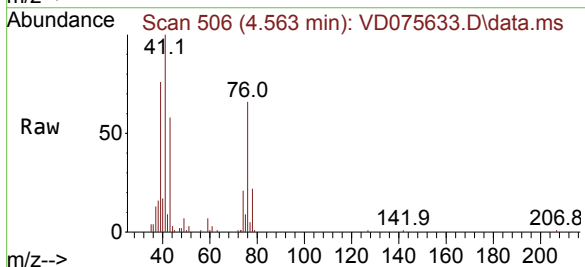
Tgt Ion: 41 Resp: 82608

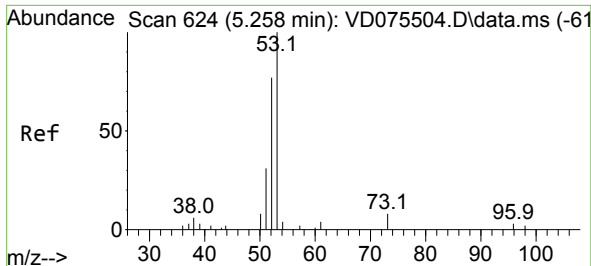
Ion Ratio Lower Upper

41 100

39 73.7 60.6 90.8

76 67.5 28.6 43.0#

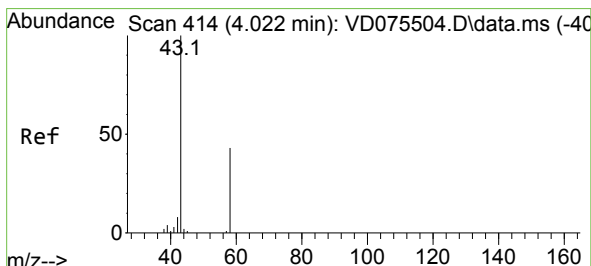
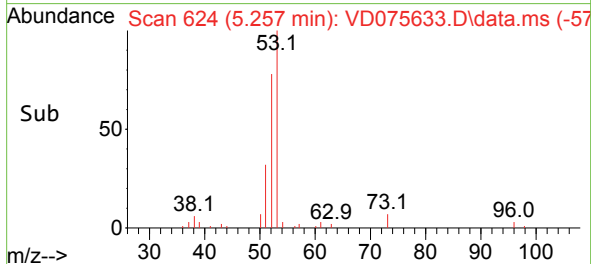
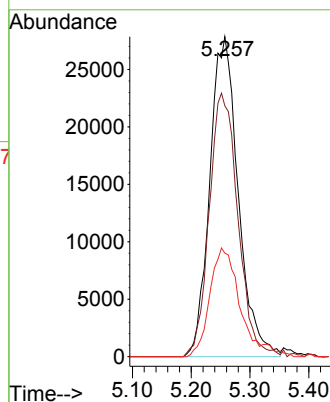
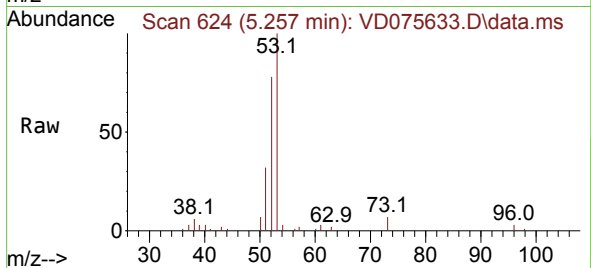




#15
Acrylonitrile
Concen: 269.111 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

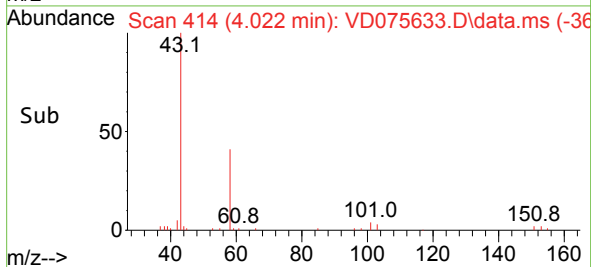
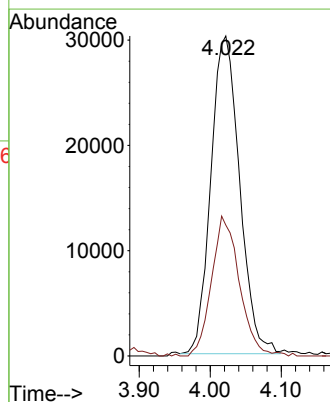
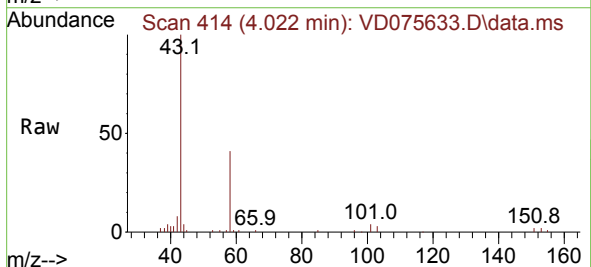
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

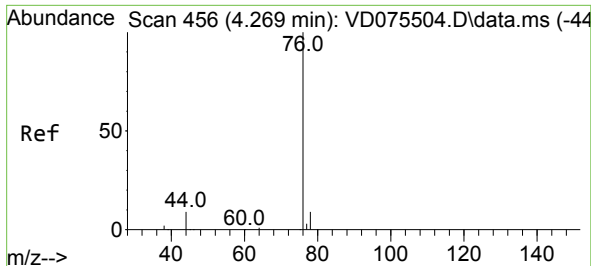
Tgt Ion: 53 Resp: 93492
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 36.4 30.7 46.1



#16
Acetone
Concen: 283.491 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 43 Resp: 84776
Ion Ratio Lower Upper
43 100
58 41.2 24.4 36.6#

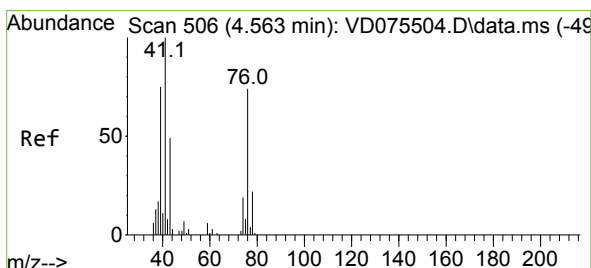
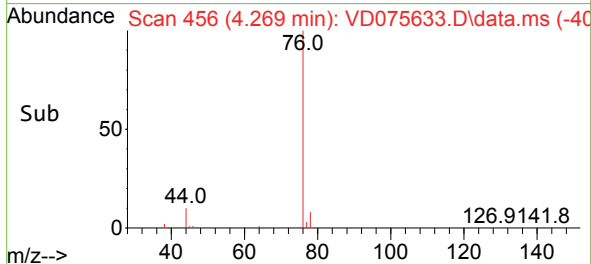
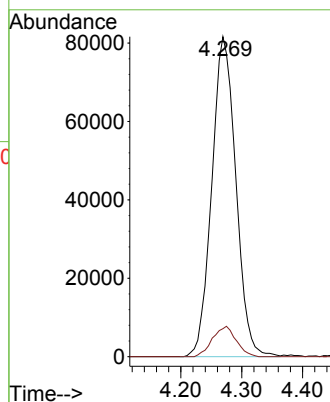
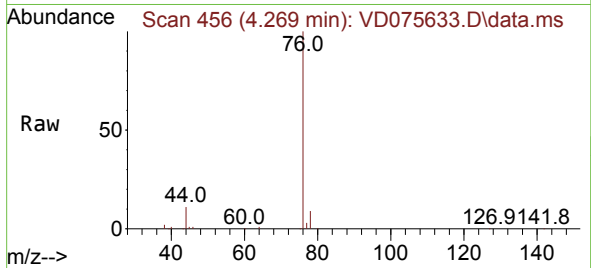




#17
Carbon Disulfide
Concen: 46.666 ug/l
RT: 4.269 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

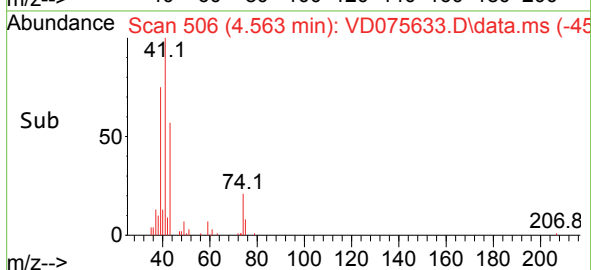
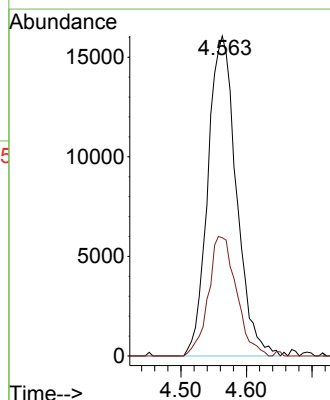
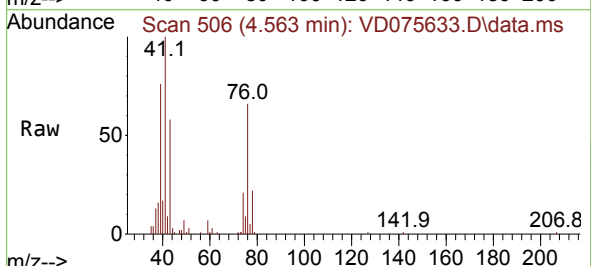
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

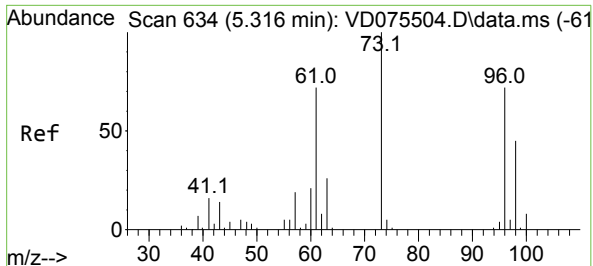
Tgt Ion: 76 Resp: 223992
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0



#18
Methyl Acetate
Concen: 53.729 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 43 Resp: 48491
Ion Ratio Lower Upper
43 100
74 36.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.982 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

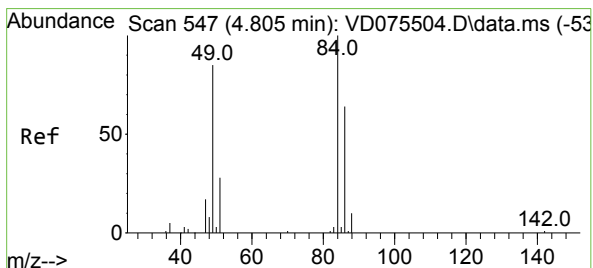
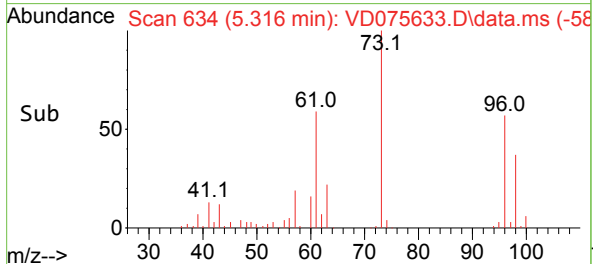
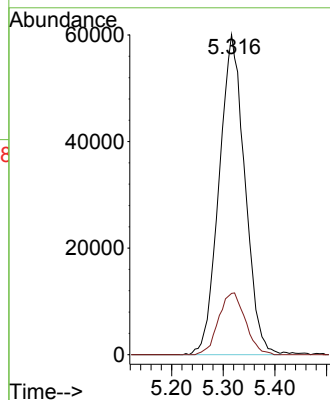
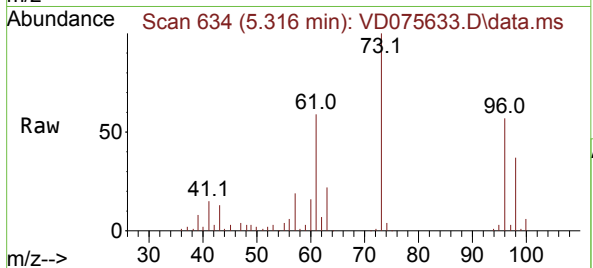
VSTDCCC050

Tgt Ion: 73 Resp: 207661

Ion Ratio Lower Upper

73 100

57 19.2 17.2 25.8



#20

Methylene Chloride

Concen: 47.610 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.007 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Tgt Ion: 84 Resp: 121449

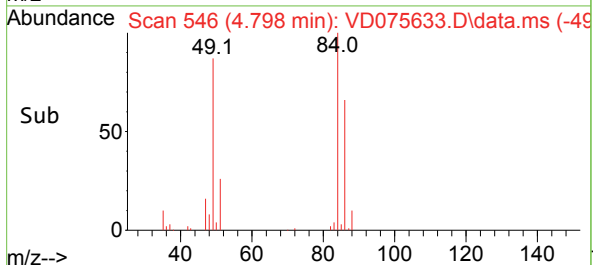
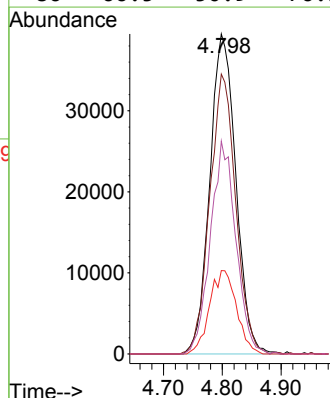
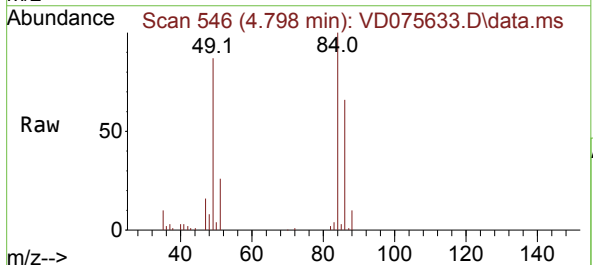
Ion Ratio Lower Upper

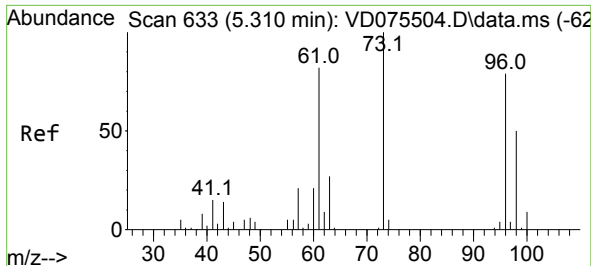
84 100

49 87.5 106.4 159.6#

51 26.1 32.4 48.6#

86 66.5 50.9 76.3

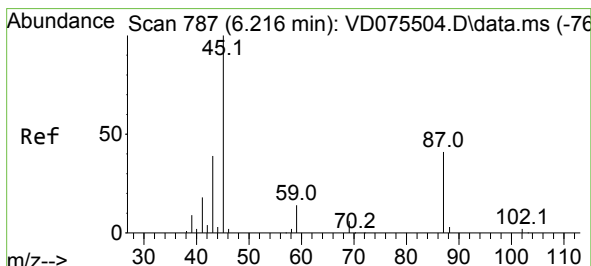
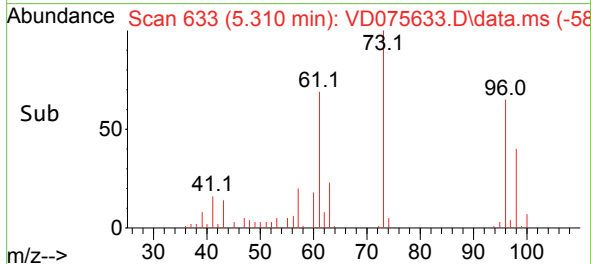
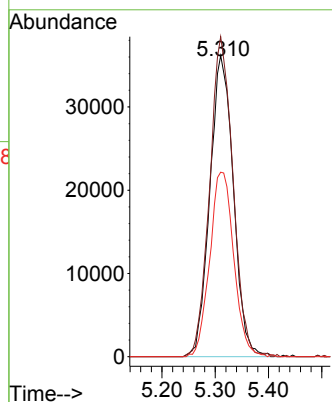
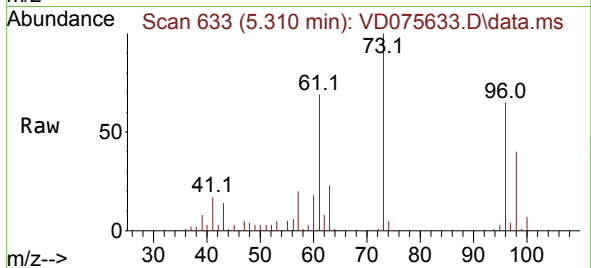




#21
trans-1,2-Dichloroethene
Concen: 50.620 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

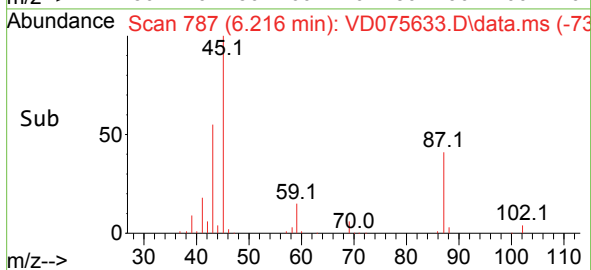
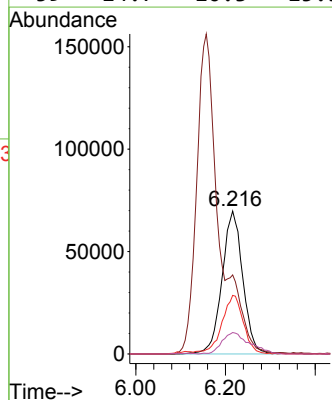
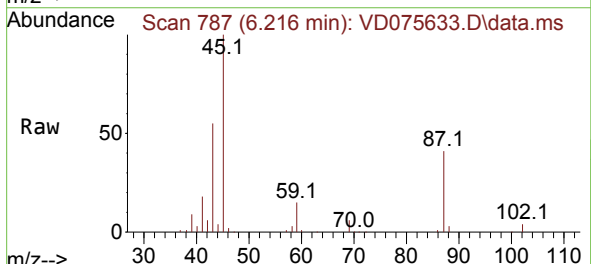
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

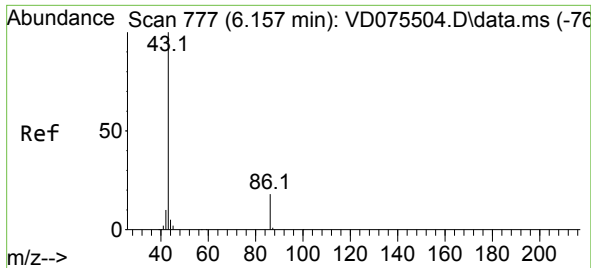
Tgt Ion: 96 Resp: 110806
Ion Ratio Lower Upper
96 100
61 106.3 117.2 175.8#
98 61.2 50.6 76.0



#22
Diisopropyl ether
Concen: 54.684 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 45 Resp: 224511
Ion Ratio Lower Upper
45 100
43 54.2 44.4 66.6
87 40.7 20.9 31.3#
59 14.7 10.3 15.5

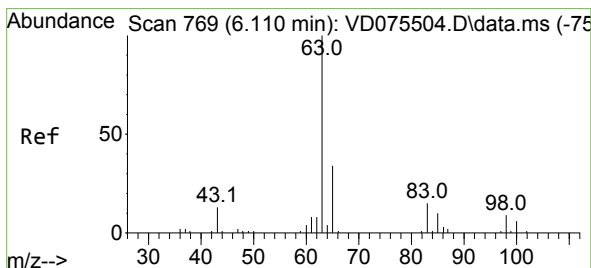
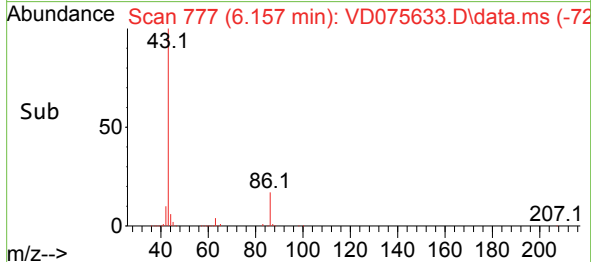
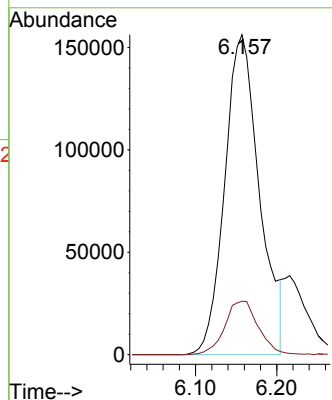
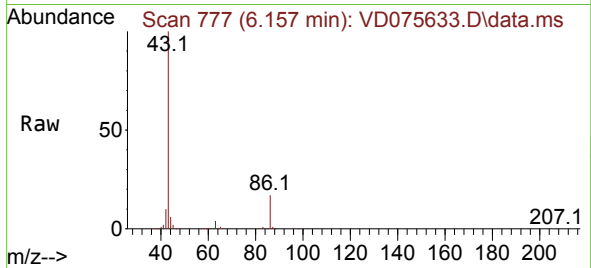




#23
 Vinyl Acetate
 Concen: 233.578 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.001 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

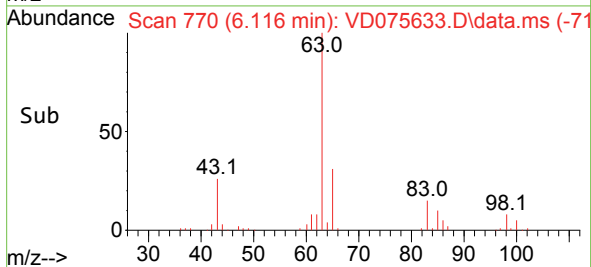
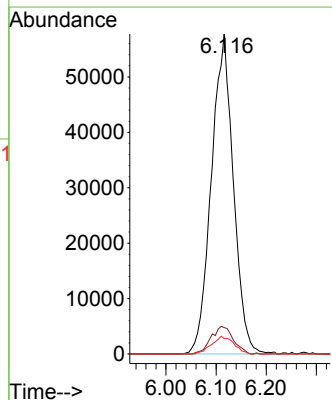
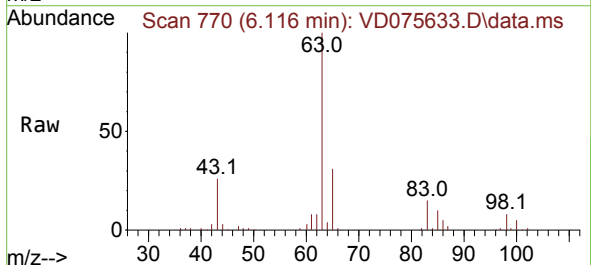
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

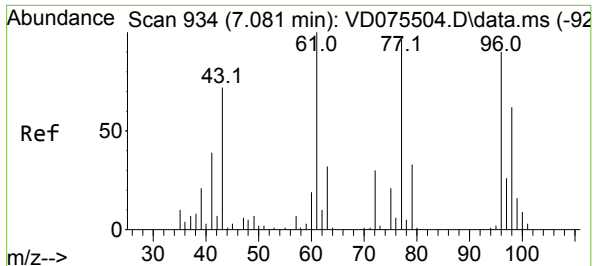
Tgt Ion: 43 Resp: 465128
 Ion Ratio Lower Upper
 43 100
 86 16.7 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 51.894 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.005 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion: 63 Resp: 175942
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.8 2.0 6.0

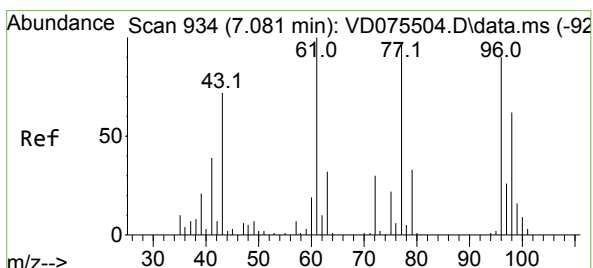
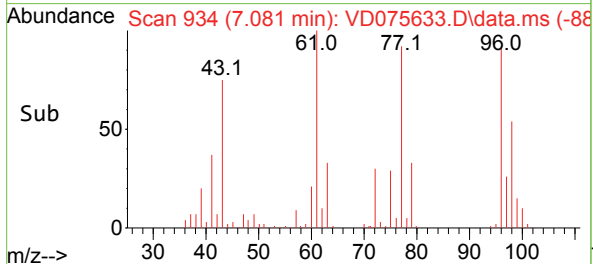
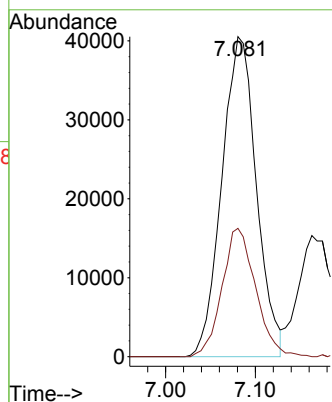
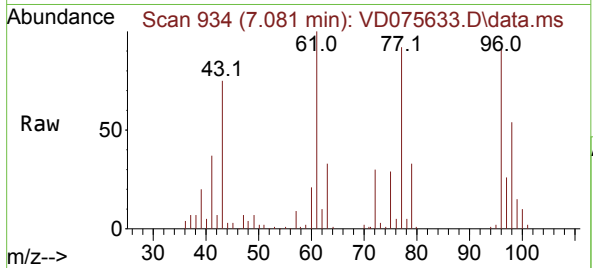




#25
2-Butanone
Concen: 279.520 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

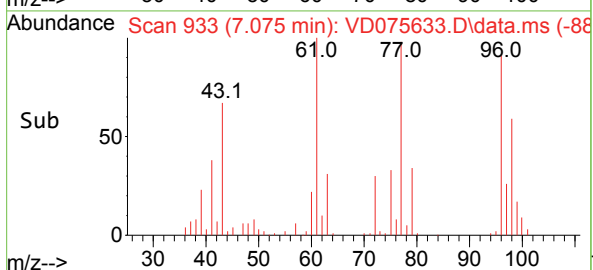
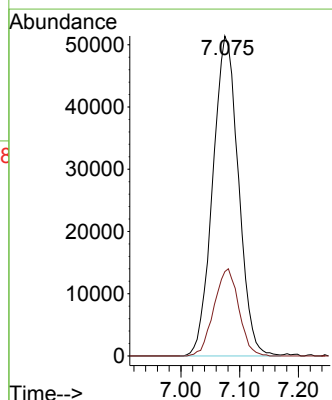
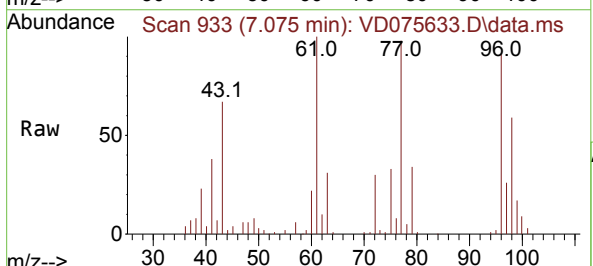
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

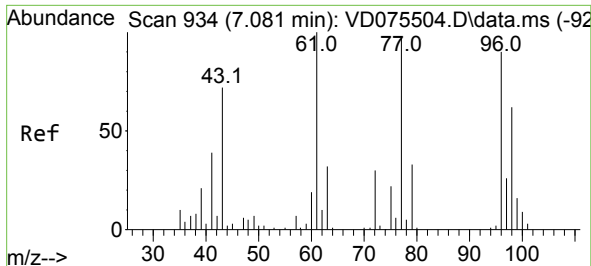
Tgt Ion: 43 Resp: 108479
Ion Ratio Lower Upper
43 100
72 40.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 50.194 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 77 Resp: 156115
Ion Ratio Lower Upper
77 100
97 26.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.021 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

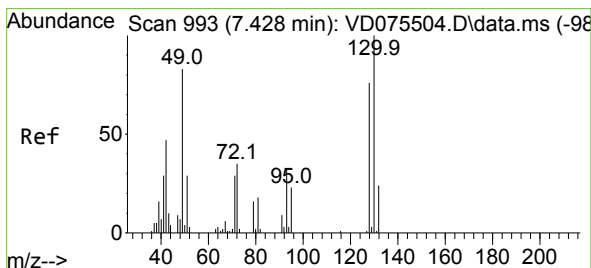
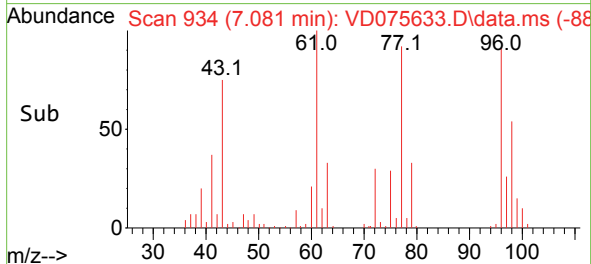
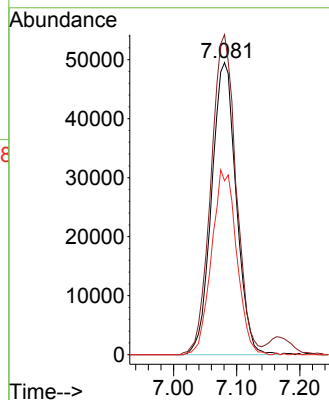
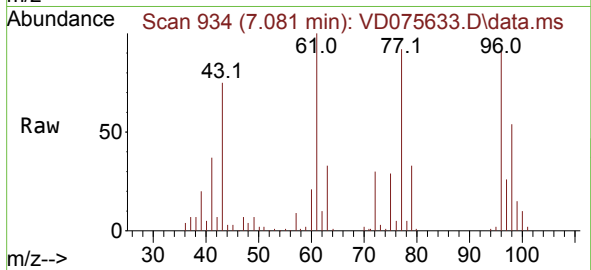
Tgt Ion: 96 Resp: 134077

Ion Ratio Lower Upper

96 100

61 112.2 0.0 295.2

98 64.3 0.0 129.2



#28

Bromochloromethane

Concen: 52.534 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

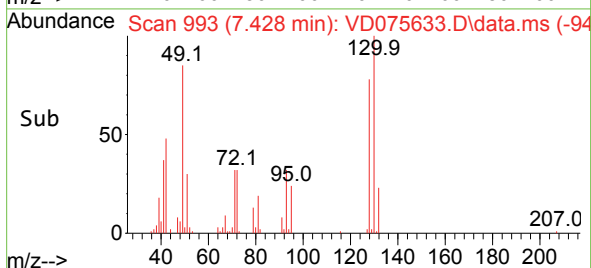
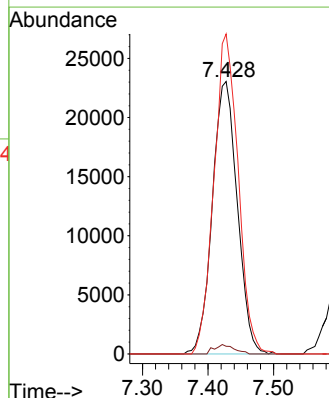
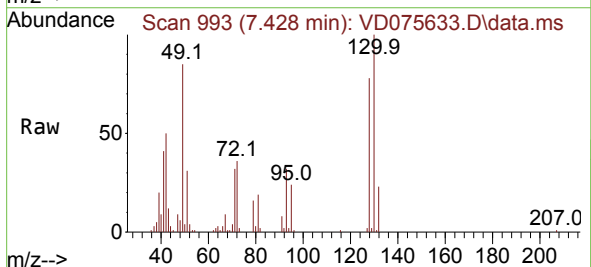
Tgt Ion: 49 Resp: 60856

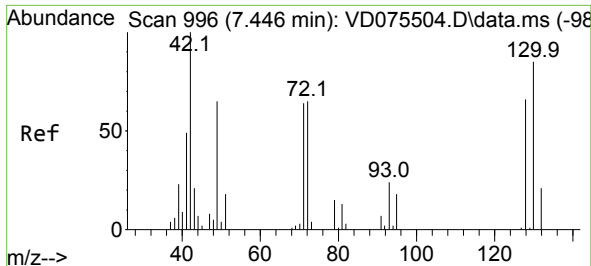
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 114.0 56.0 84.0#





#29

Tetrahydrofuran

Concen: 284.359 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

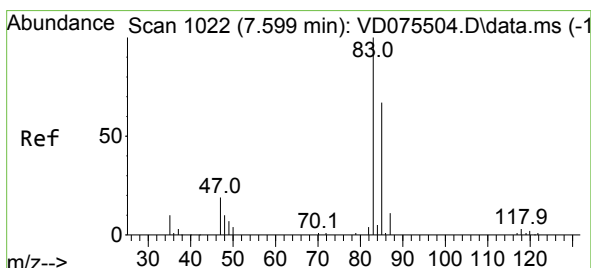
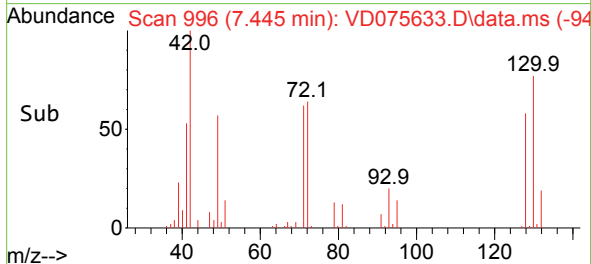
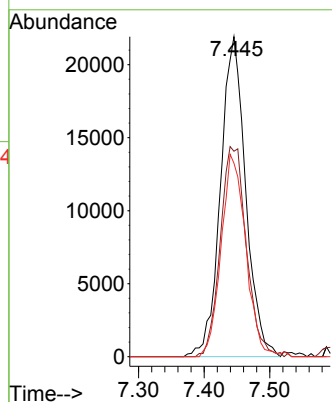
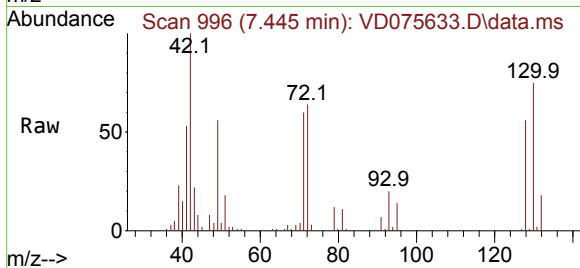
Tgt Ion: 42 Resp: 58440

Ion Ratio Lower Upper

42 100

72 68.2 31.8 47.6#

71 61.7 27.6 41.4#



#30

Chloroform

Concen: 52.999 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.001 min

Lab File: VD075633.D

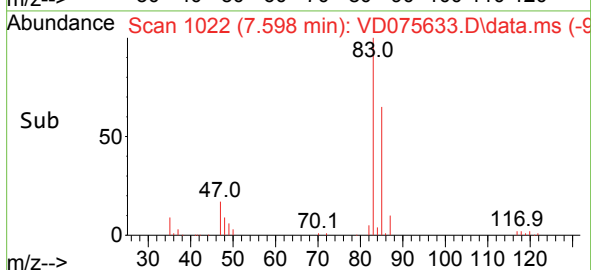
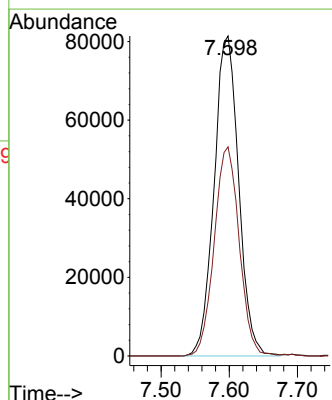
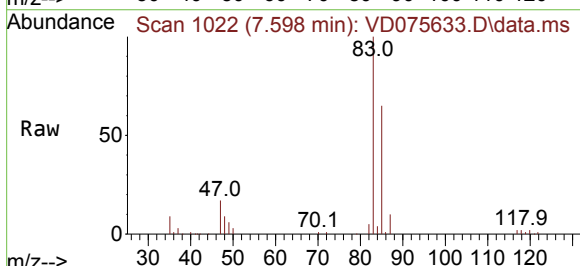
Acq: 12 Apr 2023 10:13

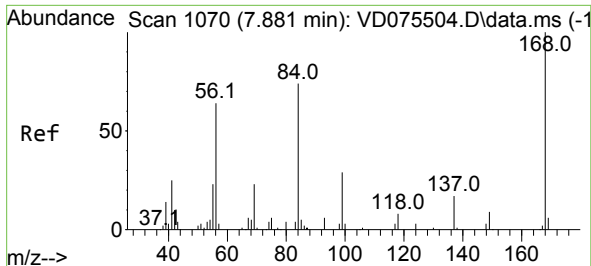
Tgt Ion: 83 Resp: 204415

Ion Ratio Lower Upper

83 100

85 65.3 49.4 74.2

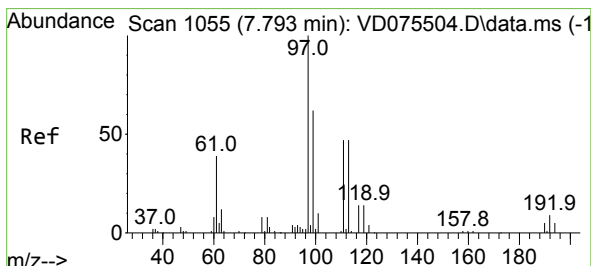
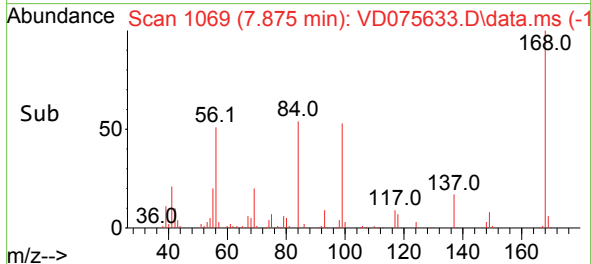
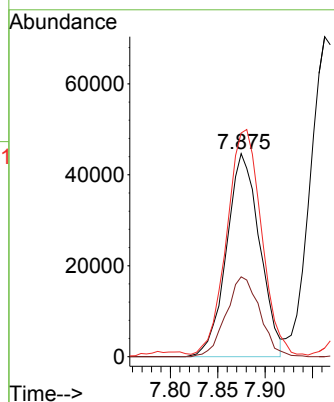
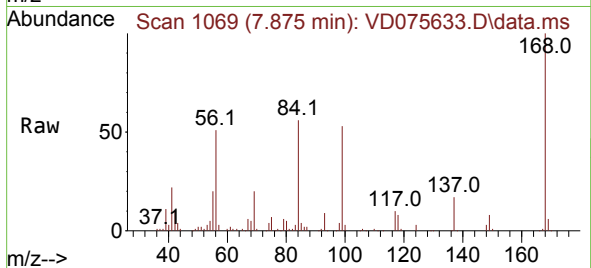




#31
Cyclohexane
Concen: 45.468 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

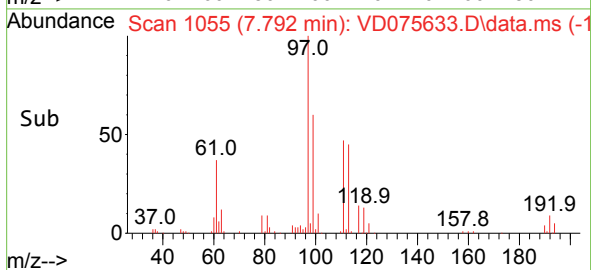
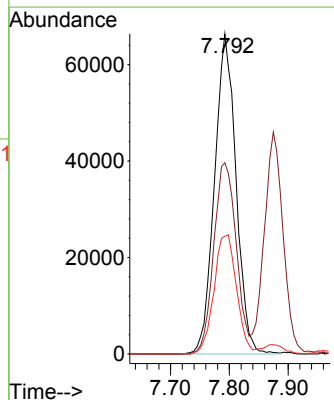
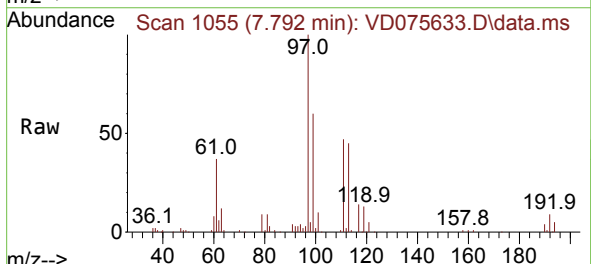
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

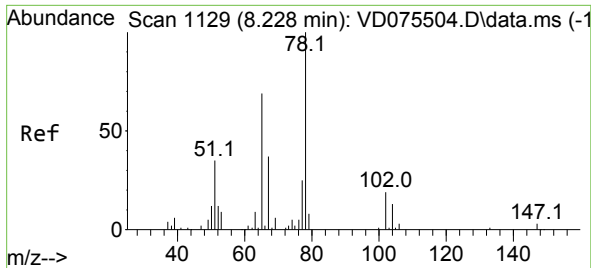
Tgt Ion: 56 Resp: 108565
Ion Ratio Lower Upper
56 100
69 39.3 25.5 38.3#
84 107.8 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 52.501 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 97 Resp: 168519
Ion Ratio Lower Upper
97 100
99 62.5 50.5 75.7
61 39.2 36.6 55.0

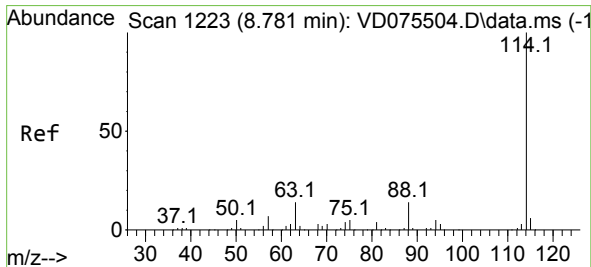
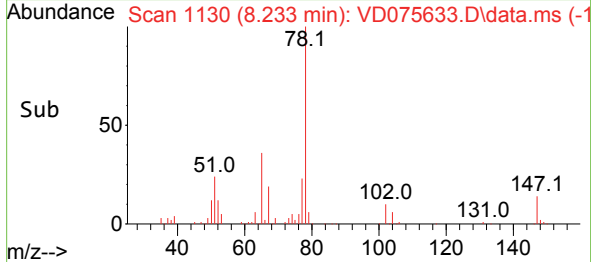
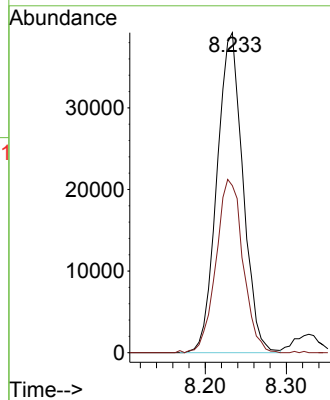
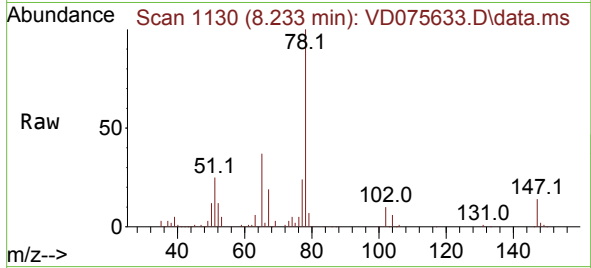




#33
 1,2-Dichloroethane-d4
 Concen: 53.131 ug/l
 RT: 8.233 min Scan# 1129
 Delta R.T. 0.005 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

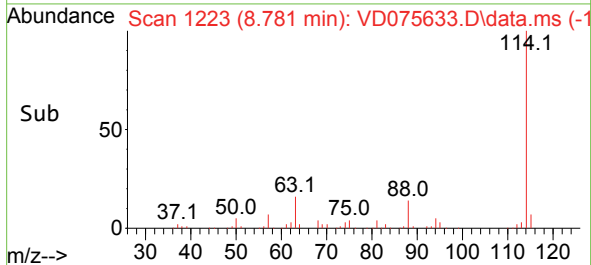
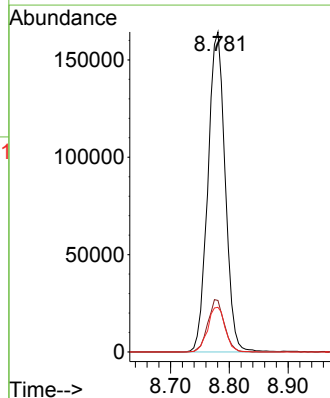
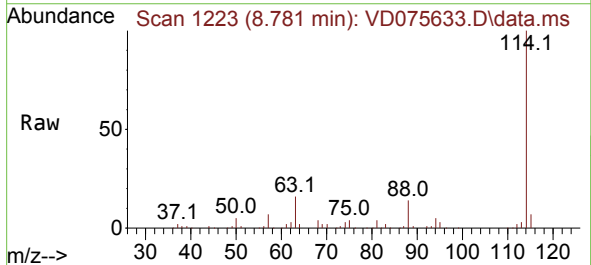
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

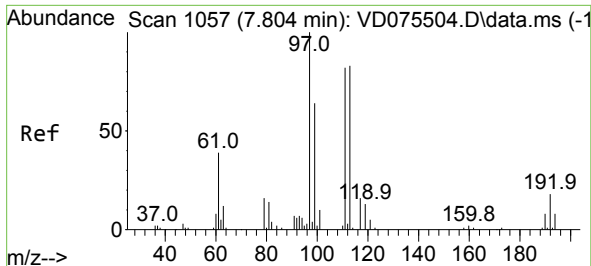
Tgt Ion: 65 Resp: 87199
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion: 114 Resp: 335844
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 41.6
 88 14.0 0.0 30.6

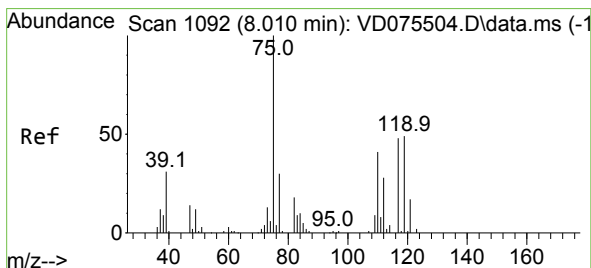
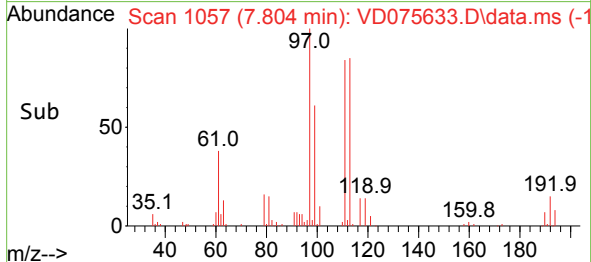
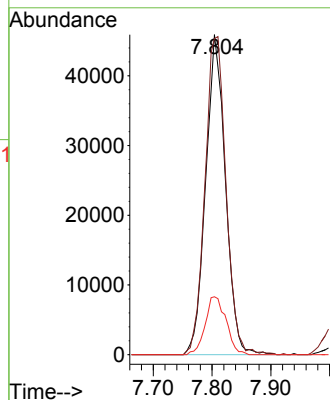
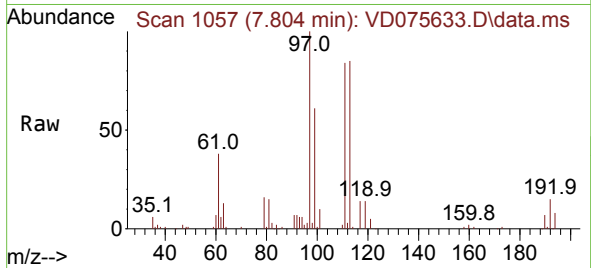




#35
Dibromofluoromethane
Concen: 54.417 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

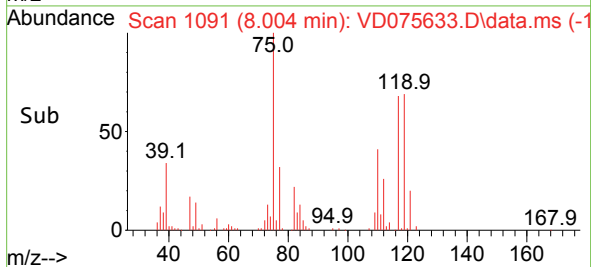
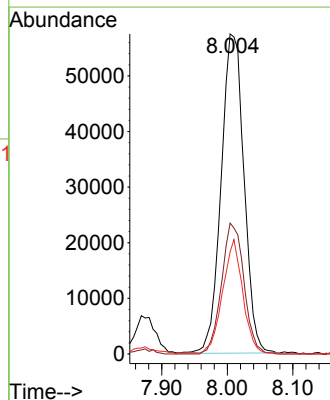
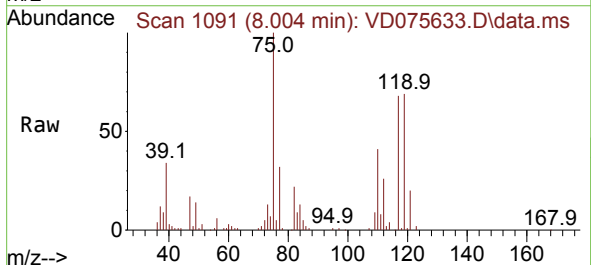
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

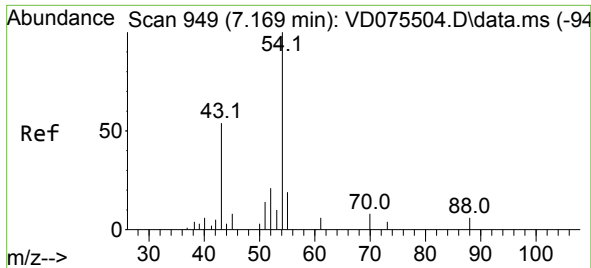
Tgt Ion:113 Resp: 107106
Ion Ratio Lower Upper
113 100
111 105.8 81.4 122.0
192 19.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 55.289 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 75 Resp: 138979
Ion Ratio Lower Upper
75 100
110 40.1 17.1 51.2
77 32.2 24.6 36.8





#37

Ethyl Acetate

Concen: 57.790 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

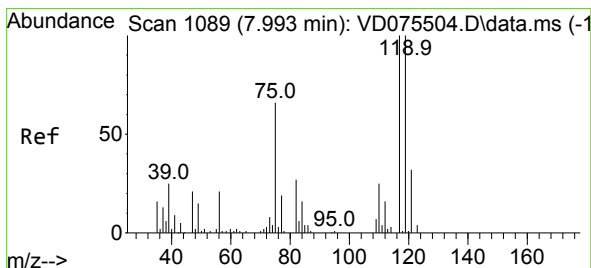
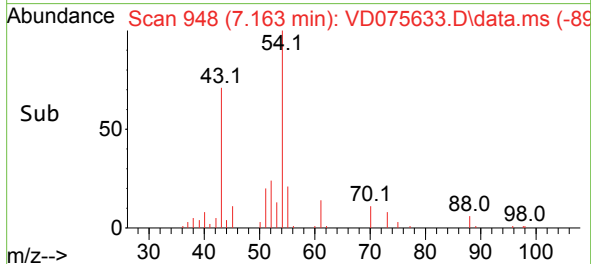
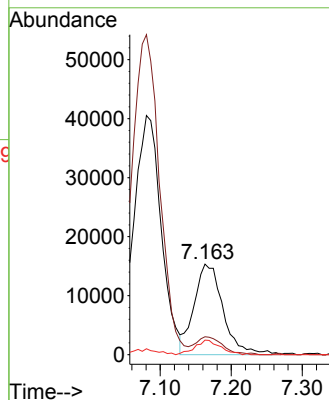
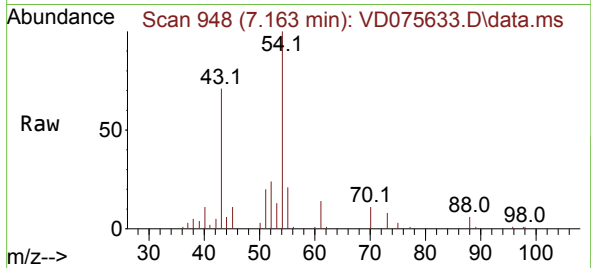
Tgt Ion: 43 Resp: 43675

Ion Ratio Lower Upper

43 100

61 18.4 0.0 0.0#

70 14.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 54.683 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

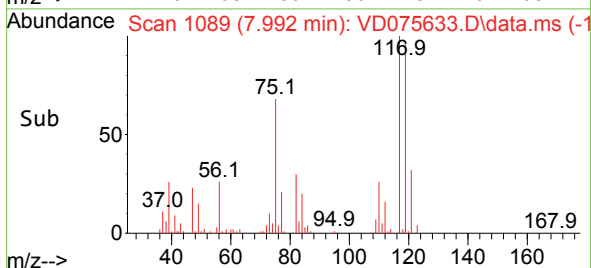
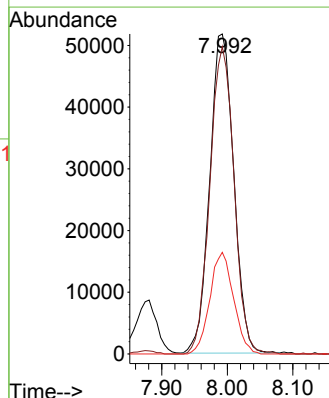
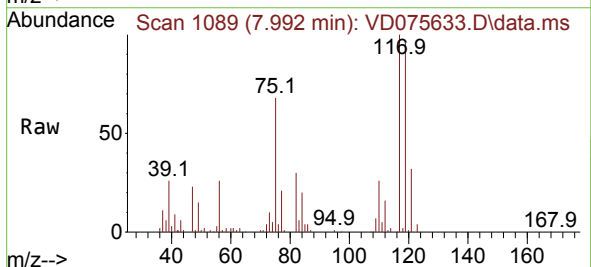
Tgt Ion: 117 Resp: 131818

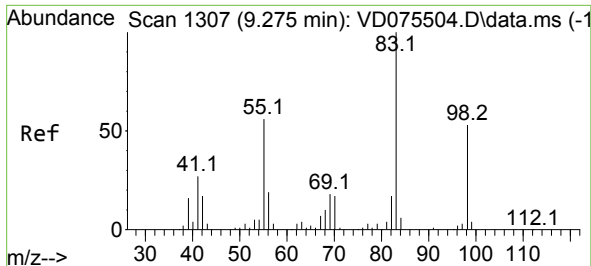
Ion Ratio Lower Upper

117 100

119 96.3 74.7 112.1

121 31.9 25.9 38.9





#39

Methylcyclohexane

Concen: 50.048 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

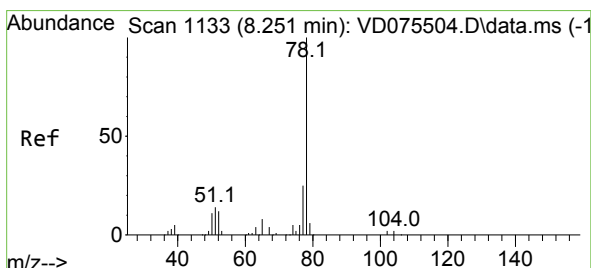
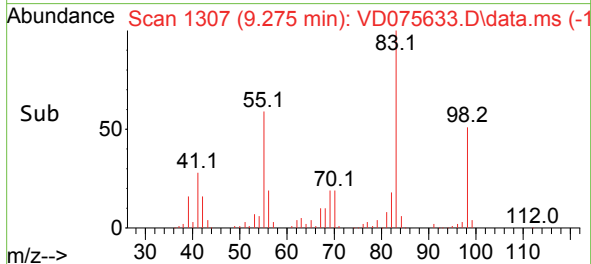
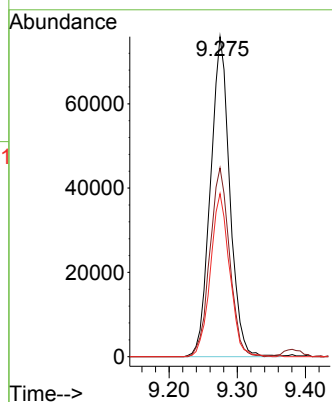
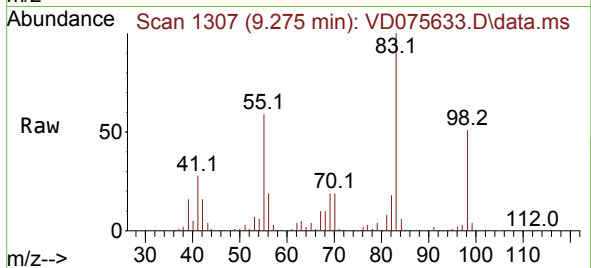
Tgt Ion: 83 Resp: 149802

Ion Ratio Lower Upper

83 100

55 59.0 56.8 85.2

98 50.9 38.9 58.3



#40

Benzene

Concen: 56.073 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075633.D

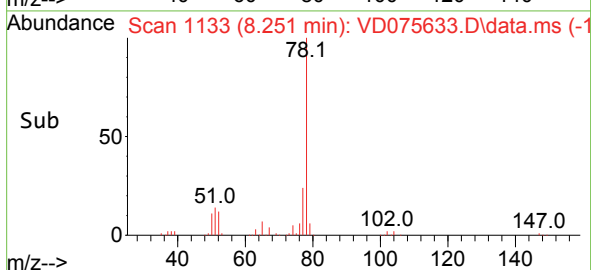
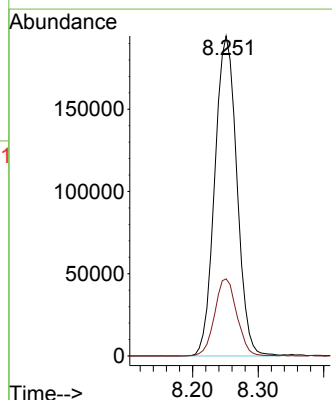
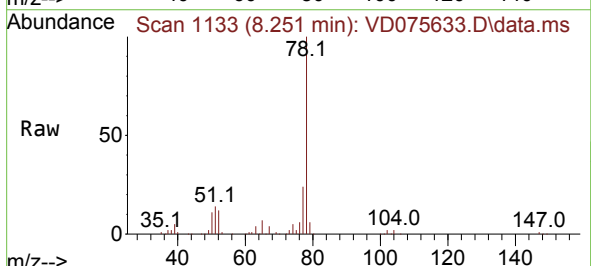
Acq: 12 Apr 2023 10:13

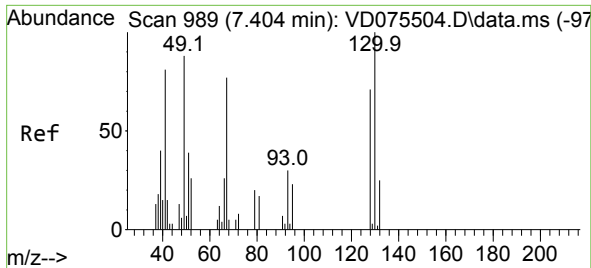
Tgt Ion: 78 Resp: 454181

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

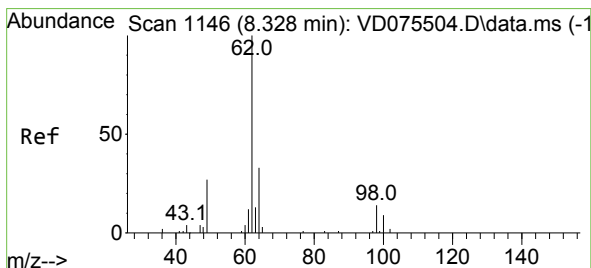
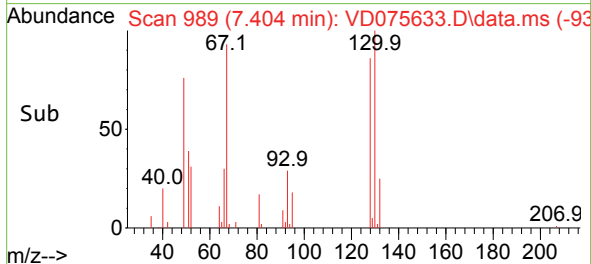
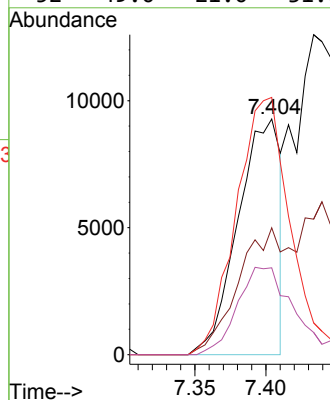
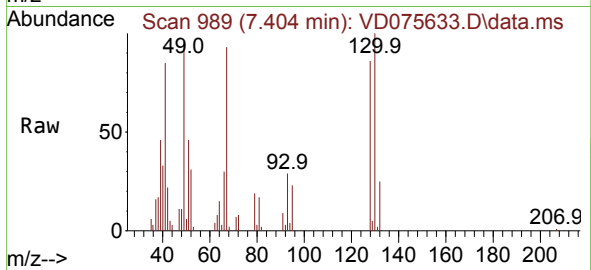




#41
Methacrylonitrile
Concen: 45.397 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.005 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

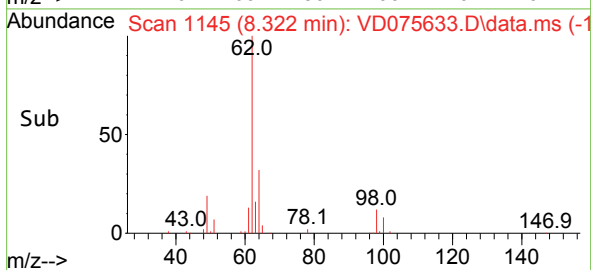
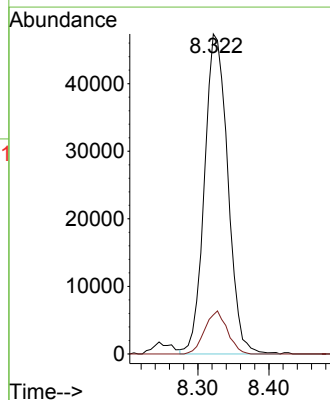
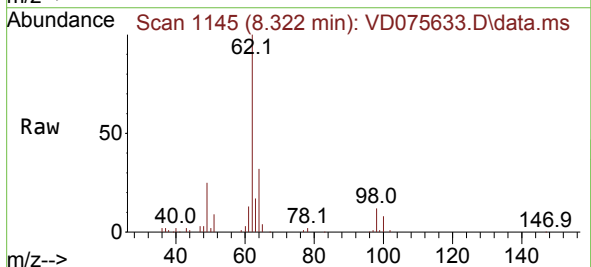
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

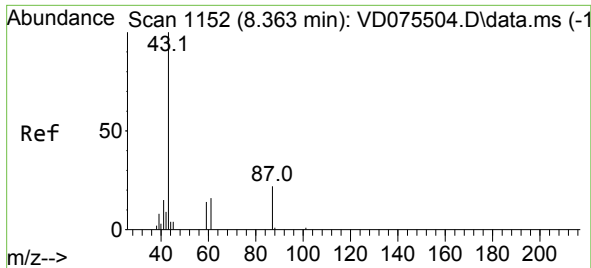
Tgt Ion:	41	Resp:	19311
Ion	Ratio	Lower	Upper
41	100		
39	68.4	45.3	67.9#
67	137.7	50.5	75.7#
52	49.0	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 57.539 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:	62	Resp:	108286
Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	18.8

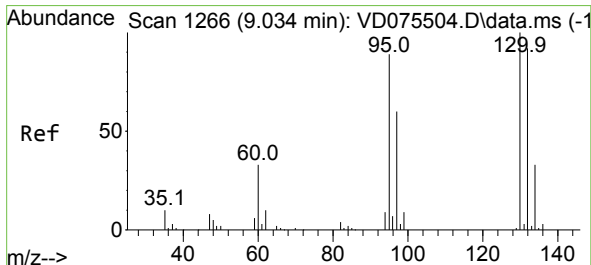
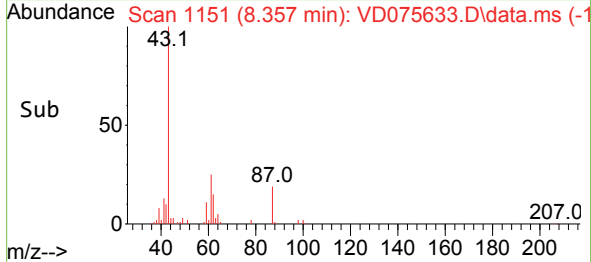
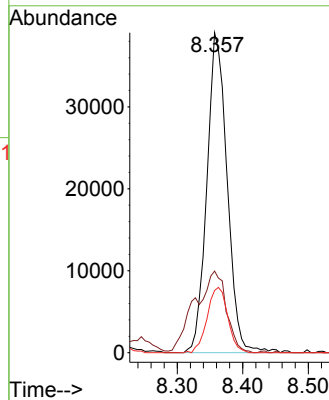
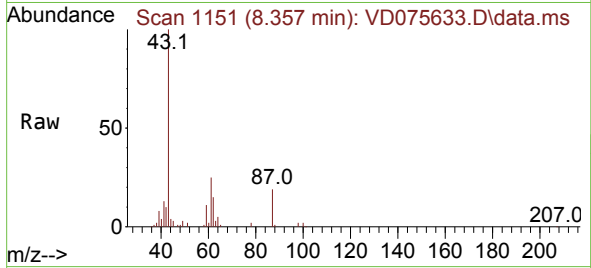




#43
Isopropyl Acetate
Concen: 58.248 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

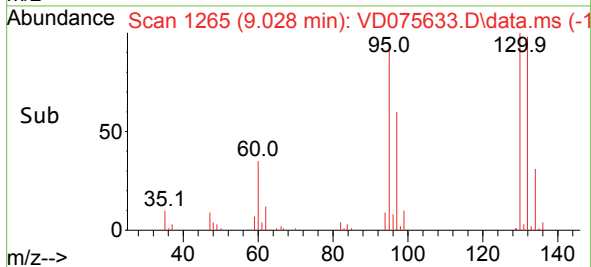
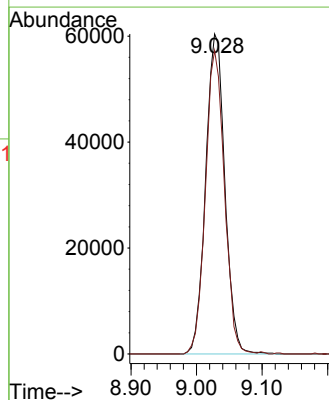
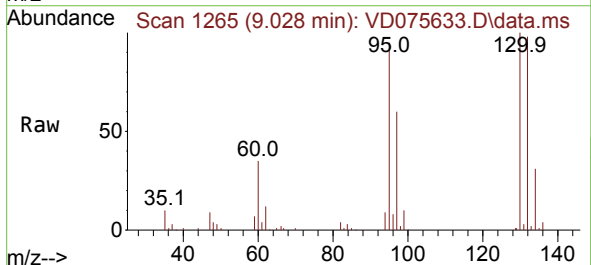
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

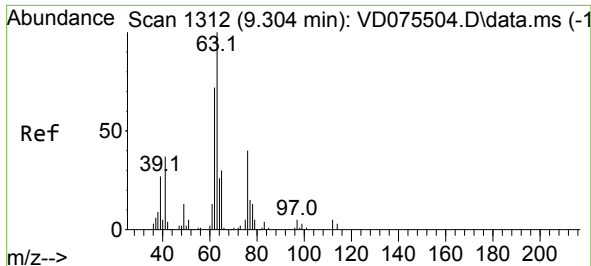
Tgt Ion: 43 Resp: 84034
Ion Ratio Lower Upper
43 100
61 39.5 23.4 35.0#
87 20.7 9.5 14.3#



#44
Trichloroethene
Concen: 51.977 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:130 Resp: 123314
Ion Ratio Lower Upper
130 100
95 94.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 55.167 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

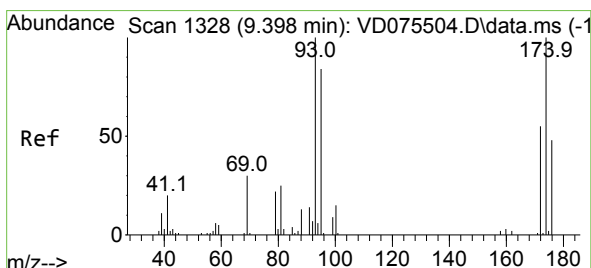
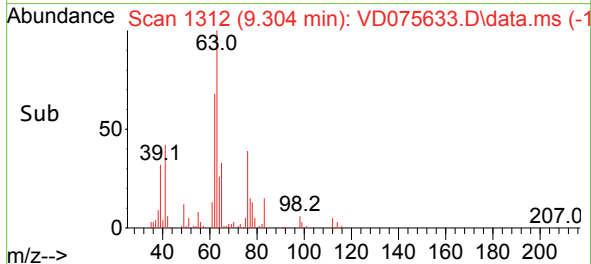
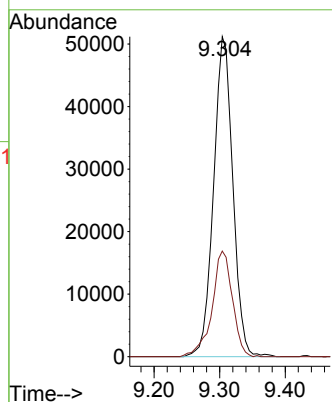
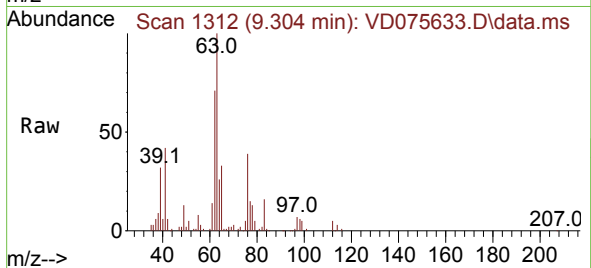
VSTDCCC050

Tgt Ion: 63 Resp: 104238

Ion Ratio Lower Upper

63 100

65 33.0 23.0 34.4



#46

Dibromomethane

Concen: 57.630 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

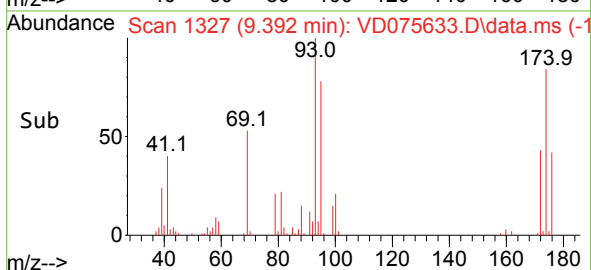
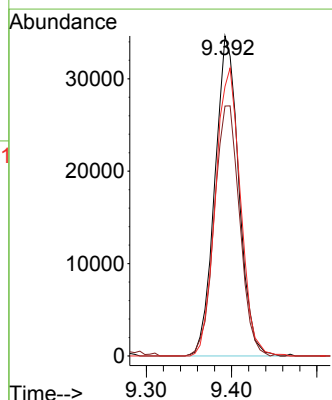
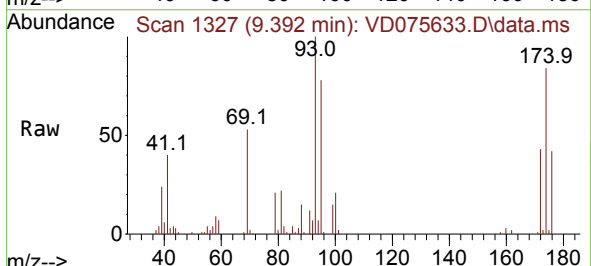
Tgt Ion: 93 Resp: 67610

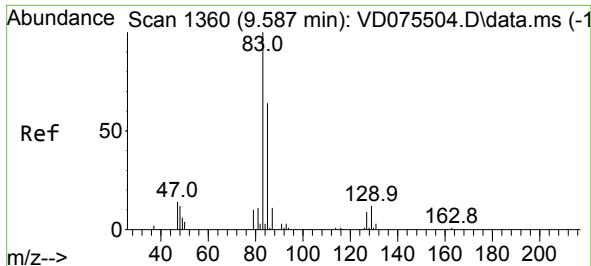
Ion Ratio Lower Upper

93 100

95 82.9 64.5 96.7

174 93.7 76.2 114.4

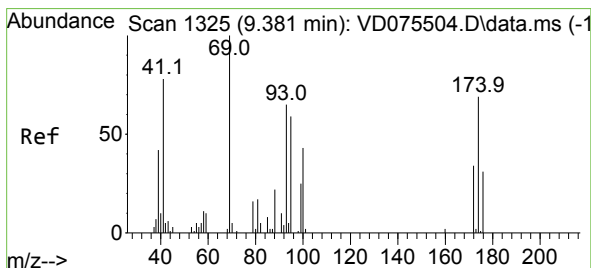
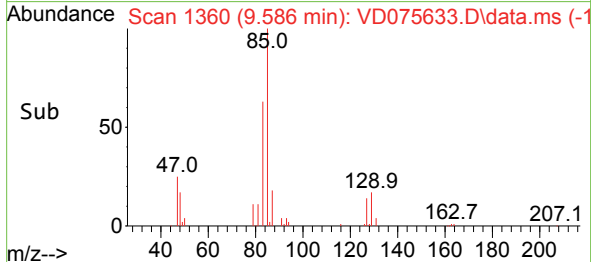
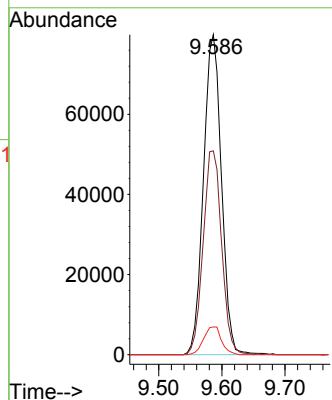
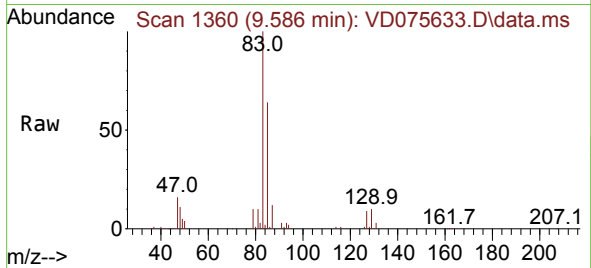




#47
Bromodichloromethane
Concen: 55.706 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

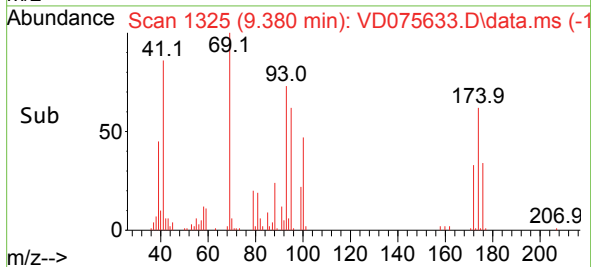
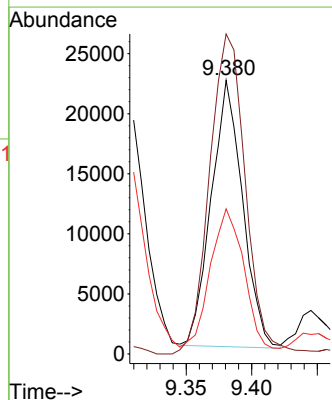
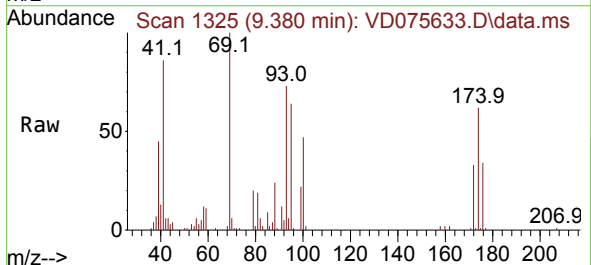
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

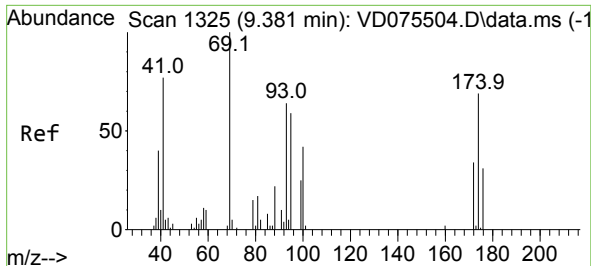
Tgt Ion: 83 Resp: 158041
Ion Ratio Lower Upper
83 100
85 63.7 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 56.397 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 41 Resp: 36873
Ion Ratio Lower Upper
41 100
69 137.6 58.6 88.0#
39 60.8 53.4 80.0





#49

1,4-Dioxane

Concen: 1209.058 ug/l

RT: 9.380 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

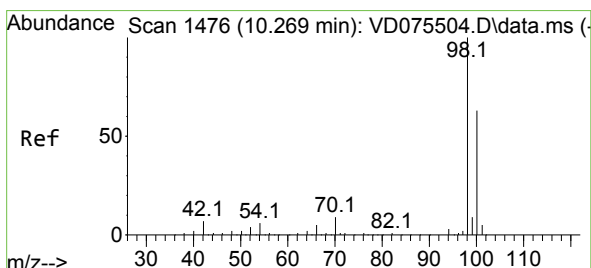
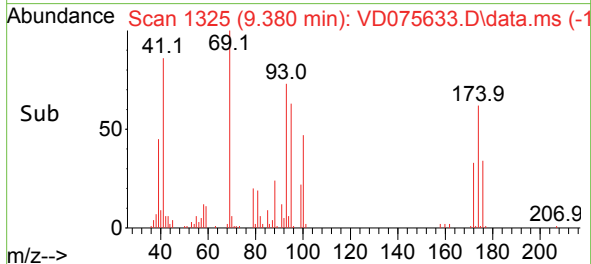
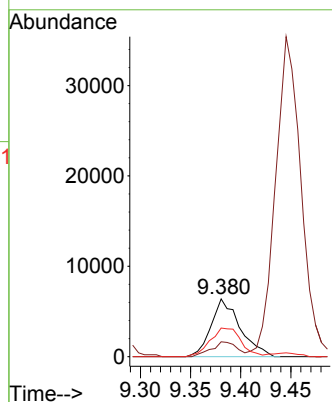
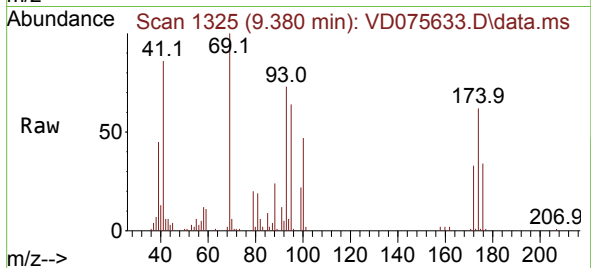
Tgt Ion: 88 Resp: 12858

Ion Ratio Lower Upper

88 100

43 22.7 34.6 51.8#

58 52.7 58.0 87.0#



#50

Toluene-d8

Concen: 54.385 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075633.D

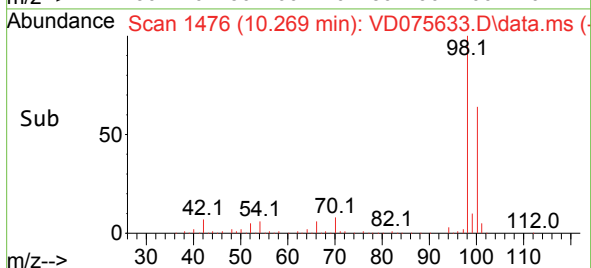
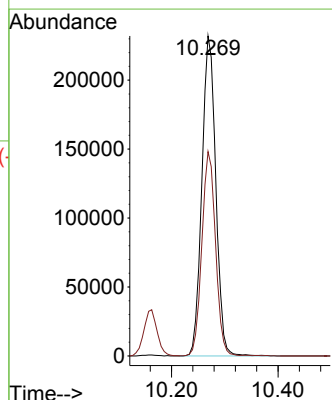
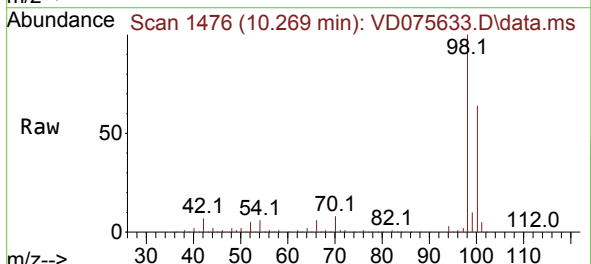
Acq: 12 Apr 2023 10:13

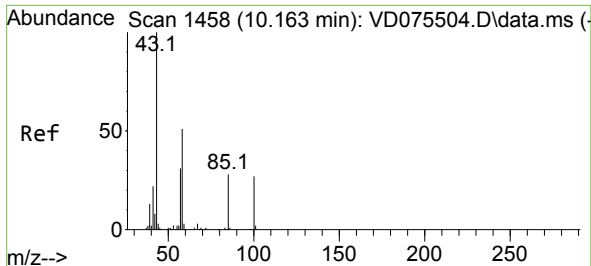
Tgt Ion: 98 Resp: 419862

Ion Ratio Lower Upper

98 100

100 62.8 52.1 78.1

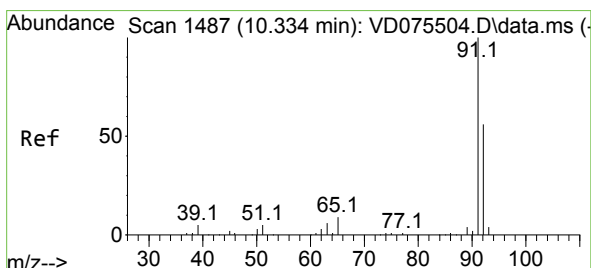
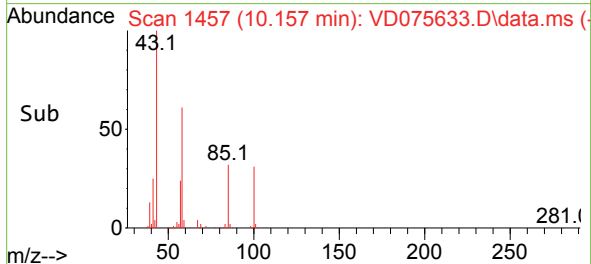
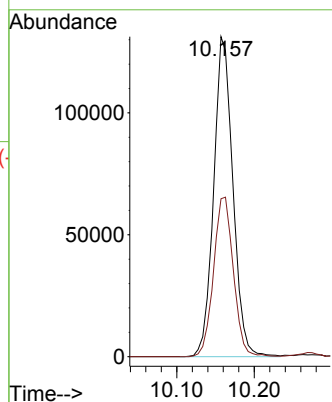
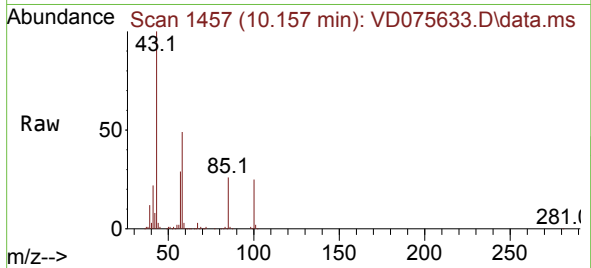




#51
4-Methyl-2-Pentanone
Concen: 291.733 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

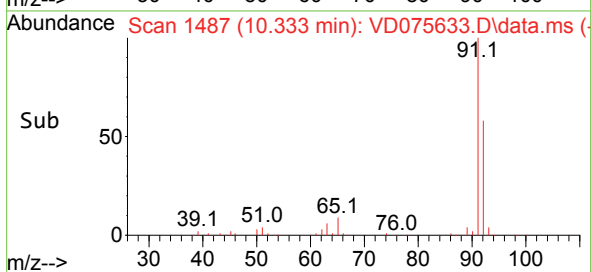
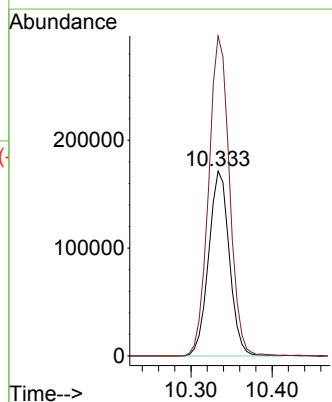
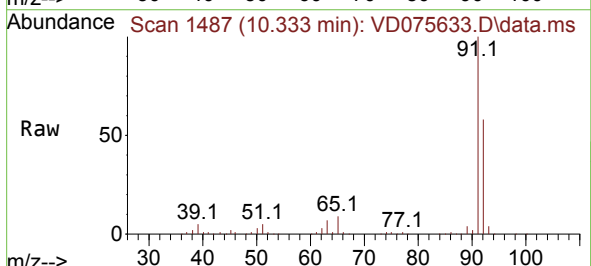
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

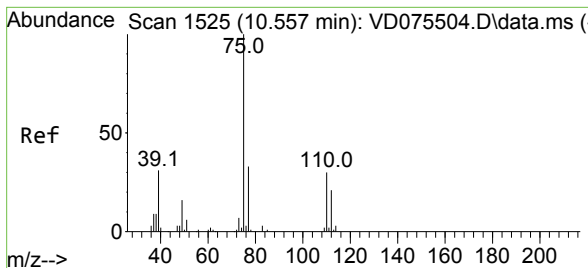
Tgt Ion: 43 Resp: 226569
Ion Ratio Lower Upper
43 100
58 51.4 29.5 44.3#



#52
Toluene
Concen: 55.455 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 92 Resp: 303370
Ion Ratio Lower Upper
92 100
91 174.8 136.5 204.7

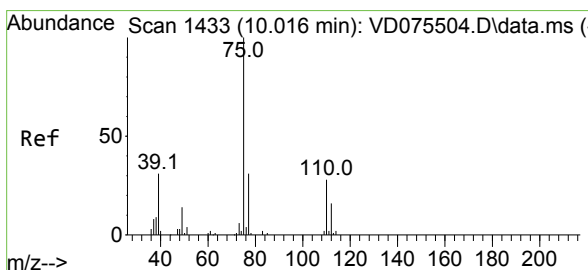
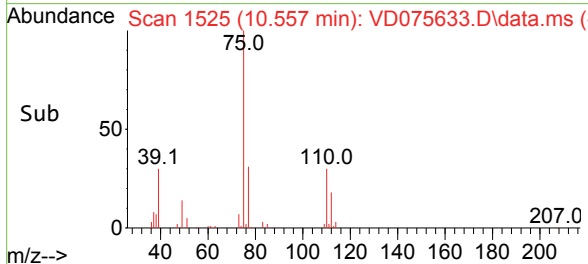
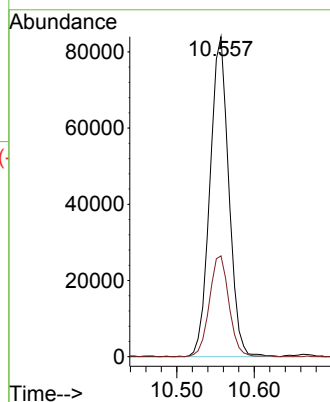
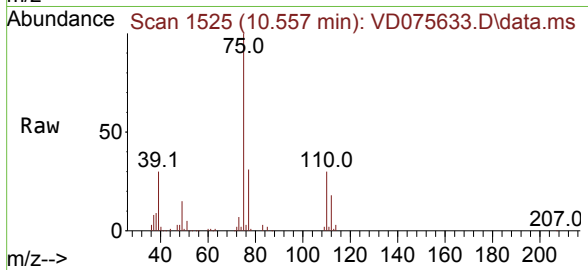




#53
 t-1,3-Dichloropropene
 Concen: 55.260 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

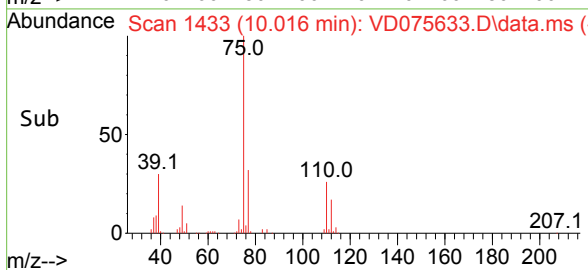
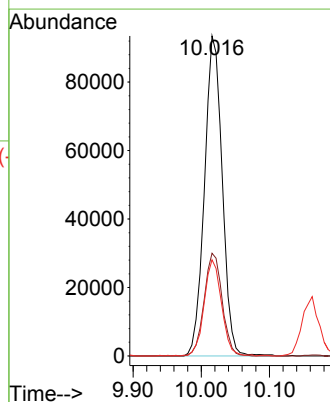
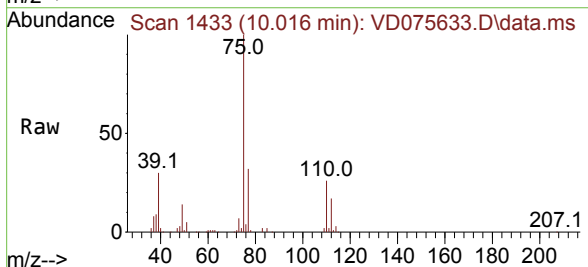
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

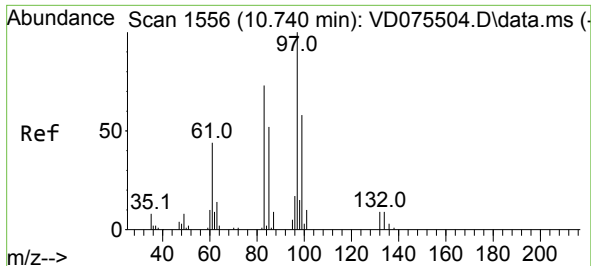
Tgt Ion: 75 Resp: 142106
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.289 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion: 75 Resp: 169750
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 30.1 44.8 67.2#

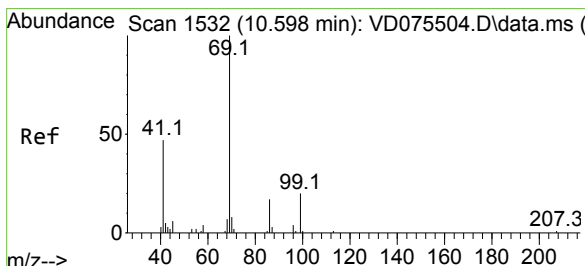
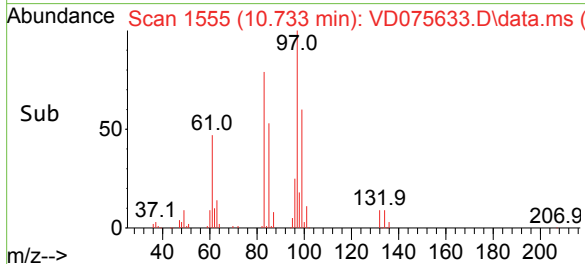
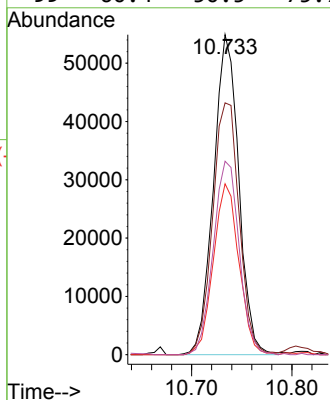
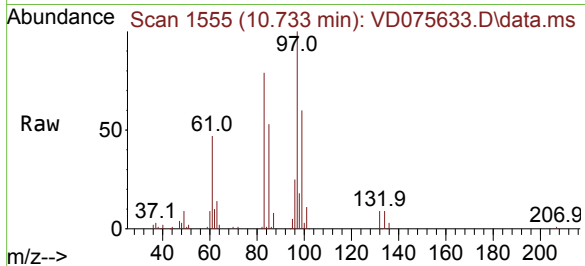




#55
1,1,2-Trichloroethane
Concen: 55.307 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

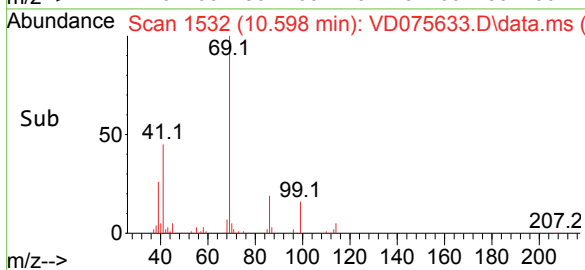
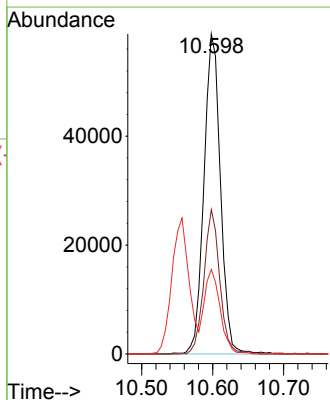
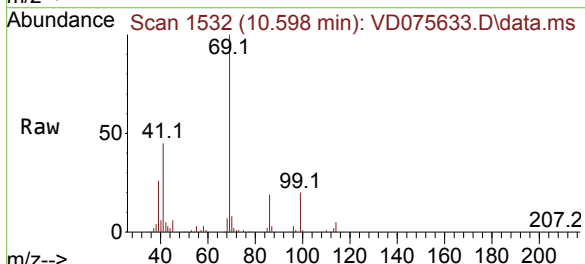
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

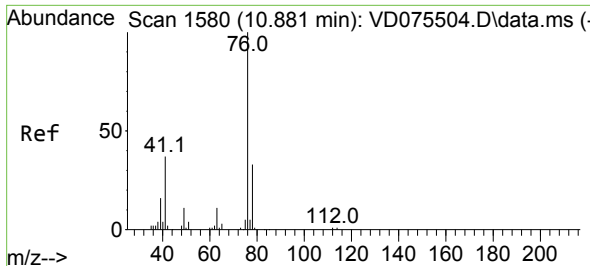
Tgt Ion:	97	Resp:	95683
Ion	Ratio	Lower	Upper
97	100		
83	78.7	74.2	111.4
85	53.4	45.4	68.0
99	60.4	50.5	75.7



#56
Ethyl methacrylate
Concen: 57.115 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:	69	Resp:	95242
Ion	Ratio	Lower	Upper
69	100		
41	43.5	59.3	88.9#
39	25.2	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 56.524 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

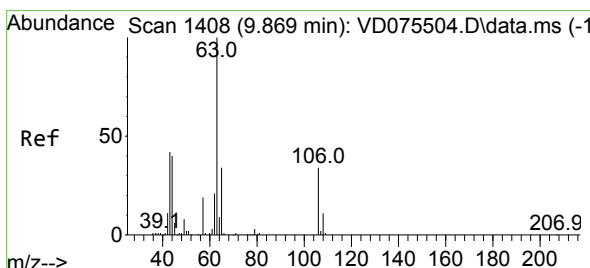
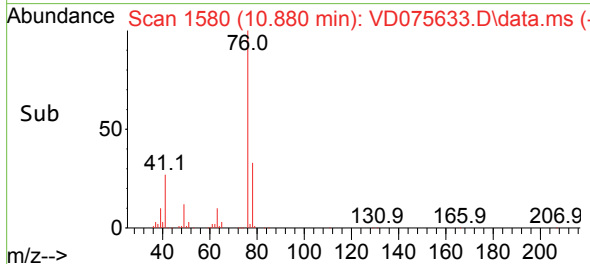
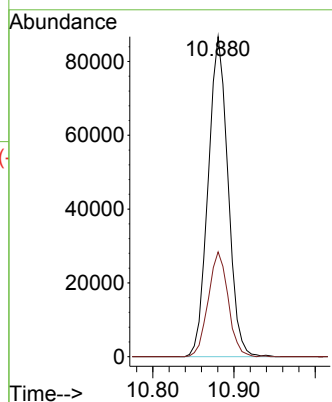
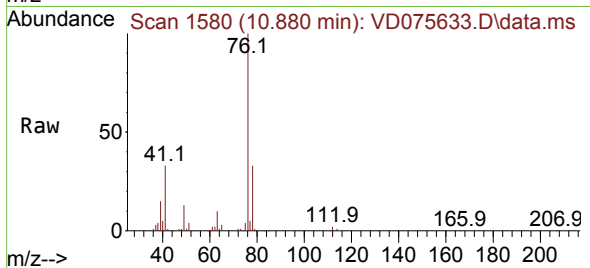
VSTDCCC050

Tgt Ion: 76 Resp: 147244

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.684 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075633.D

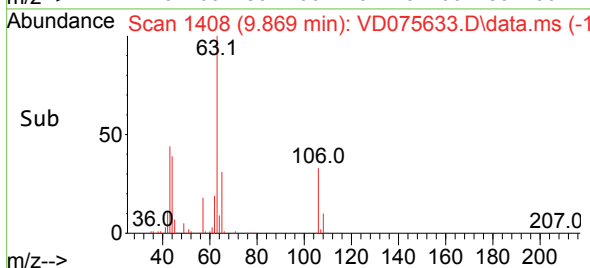
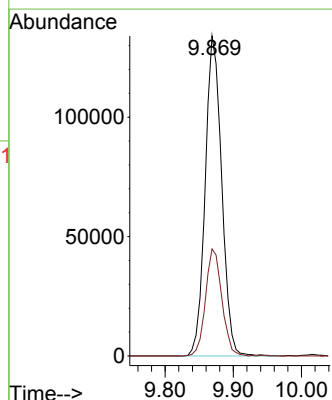
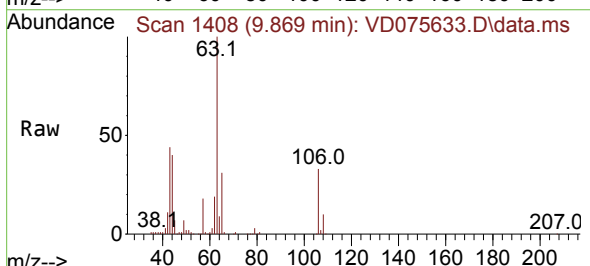
Acq: 12 Apr 2023 10:13

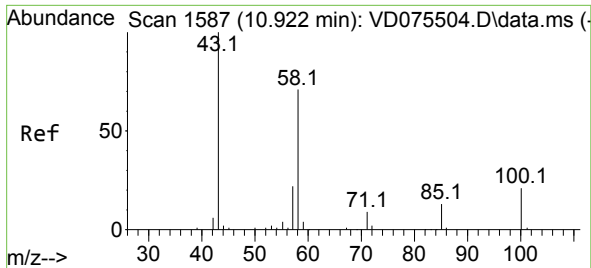
Tgt Ion: 63 Resp: 225491

Ion Ratio Lower Upper

63 100

106 33.2 21.4 32.2#

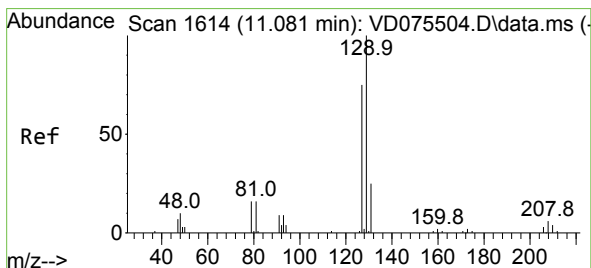
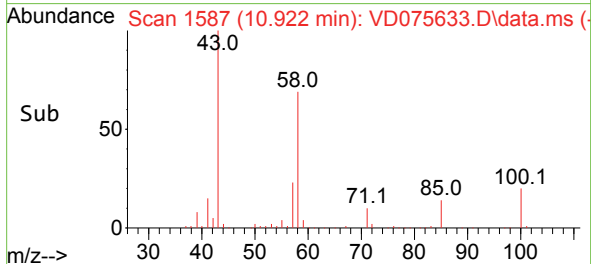
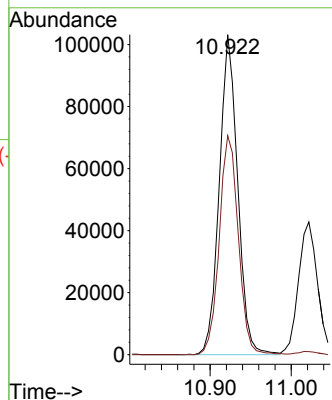
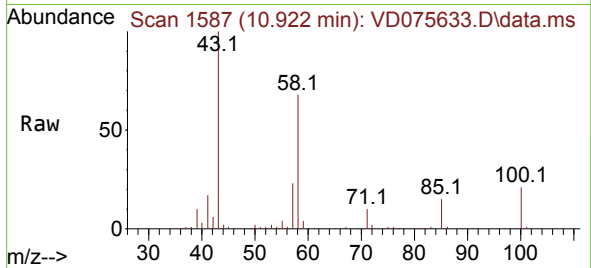




#59
2-Hexanone
Concen: 296.834 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

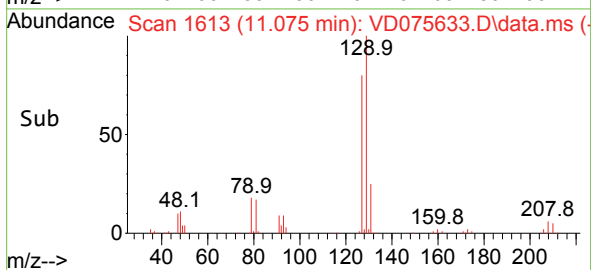
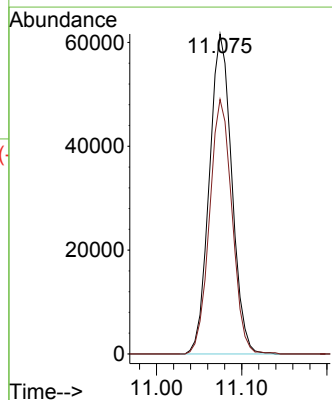
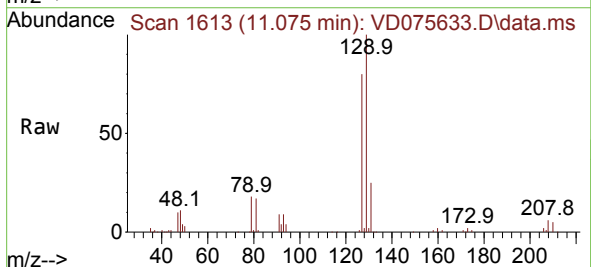
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

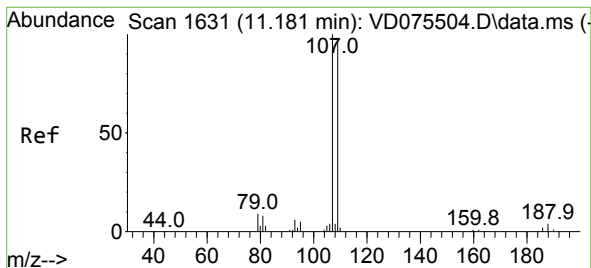
Tgt Ion: 43 Resp: 162407
Ion Ratio Lower Upper
43 100
58 71.1 25.3 75.8



#60
Dibromochloromethane
Concen: 54.632 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 129 Resp: 112847
Ion Ratio Lower Upper
129 100
127 79.4 38.1 114.5

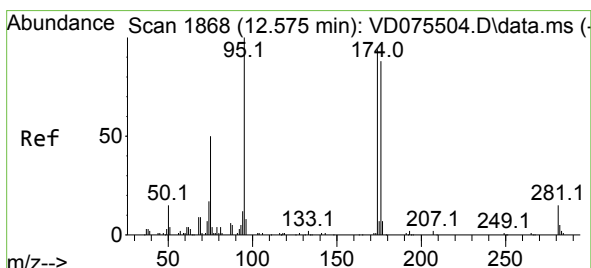
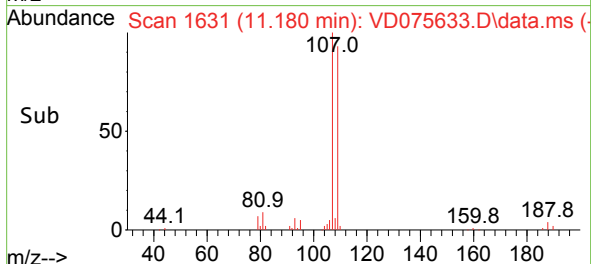
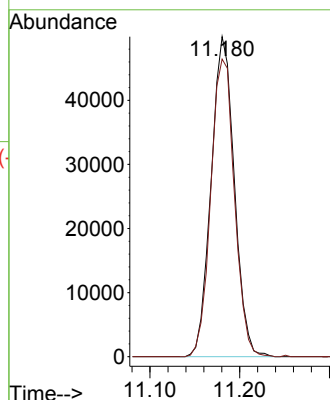
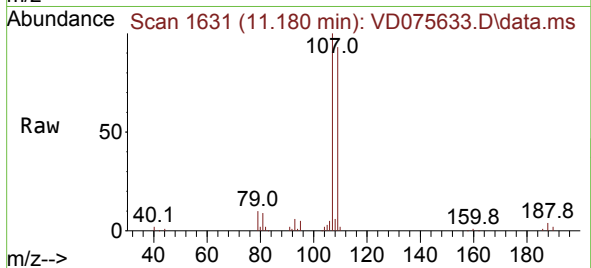




#61
1,2-Dibromoethane
Concen: 54.202 ug/l
RT: 11.180 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

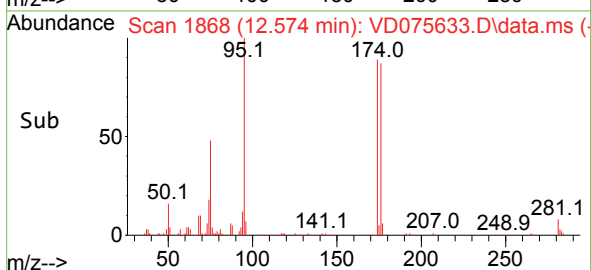
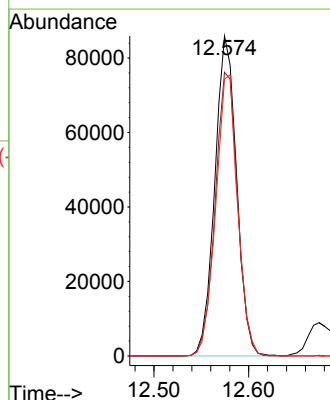
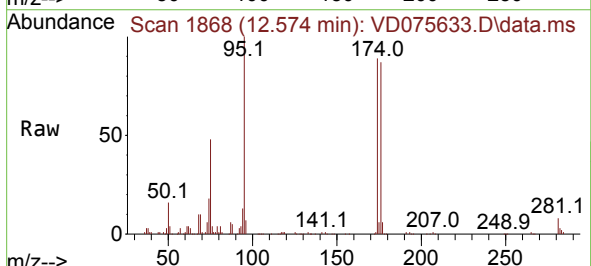
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

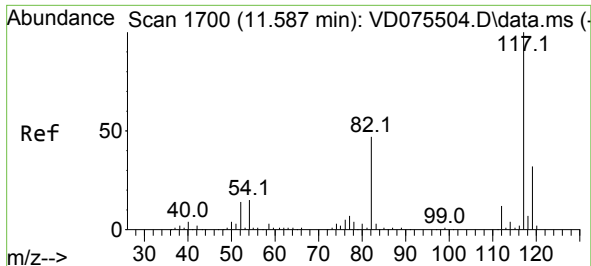
Tgt Ion:107 Resp: 89623
Ion Ratio Lower Upper
107 100
109 94.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 60.473 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 95 Resp: 137348
Ion Ratio Lower Upper
95 100
174 90.8 0.0 164.0
176 88.0 0.0 156.8

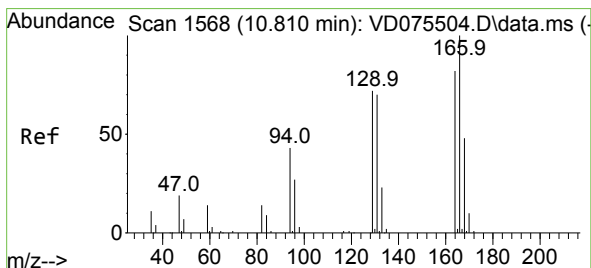
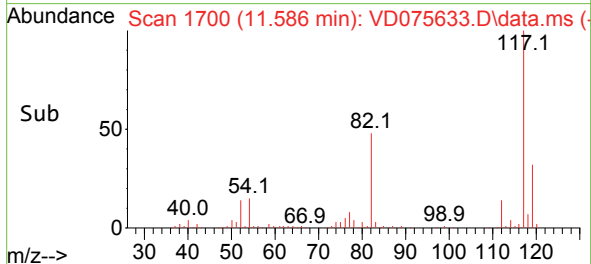
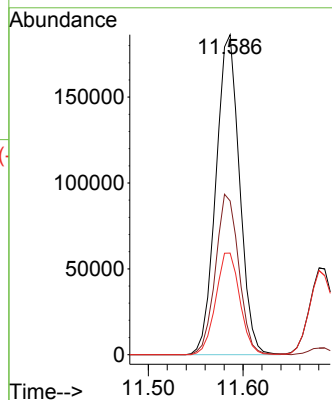
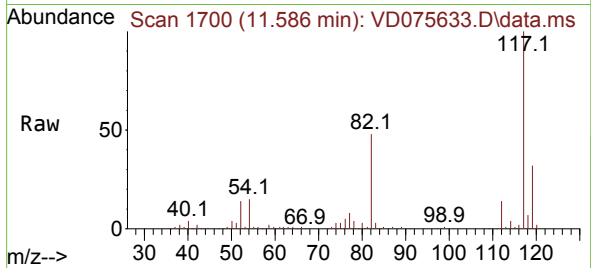




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

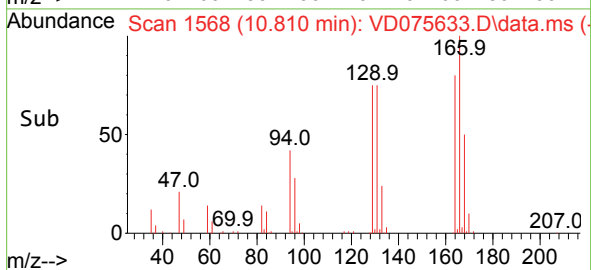
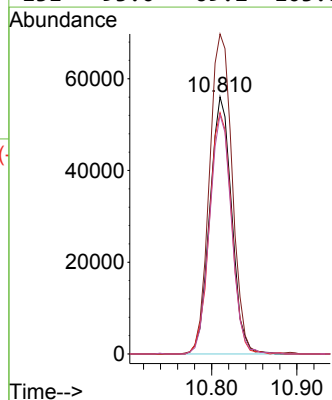
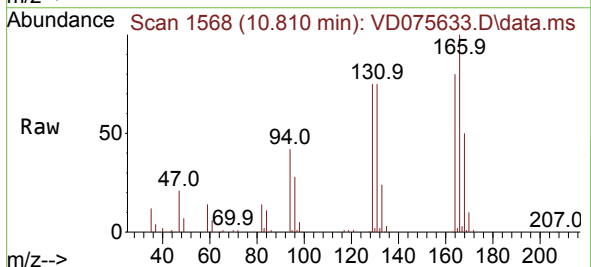
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

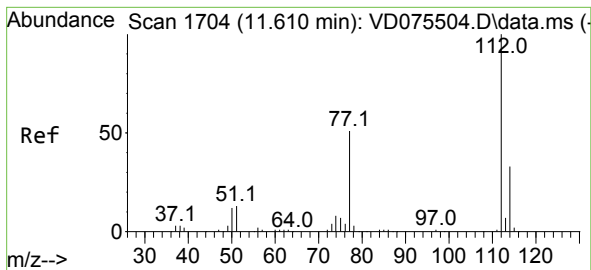
Tgt Ion:117 Resp: 322654
Ion Ratio Lower Upper
117 100
82 48.1 44.0 66.0
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 51.609 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:164 Resp: 100155
Ion Ratio Lower Upper
164 100
166 124.4 94.9 142.3
129 93.8 73.0 109.6
131 93.0 69.2 103.8

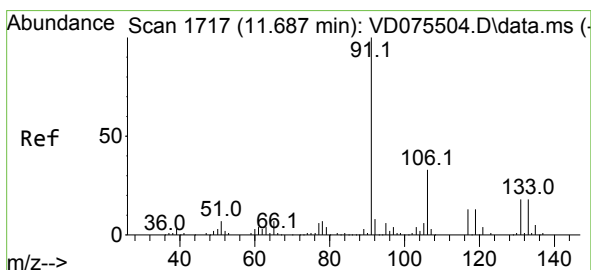
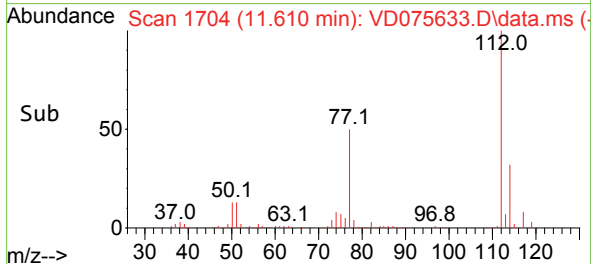
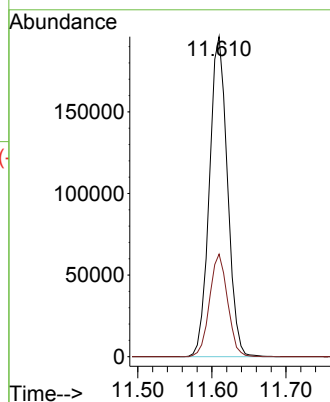
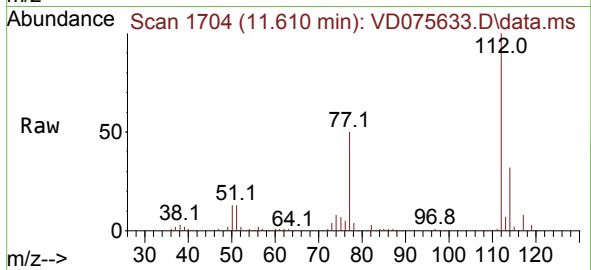




#65
Chlorobenzene
Concen: 52.932 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

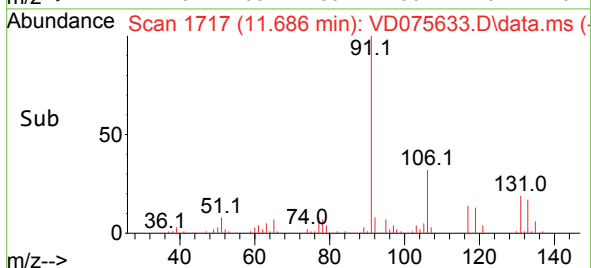
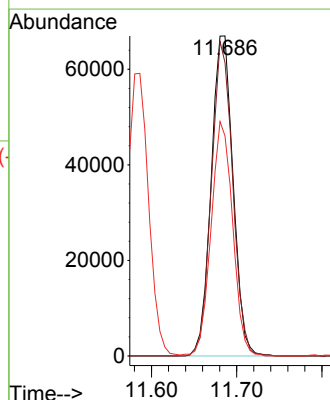
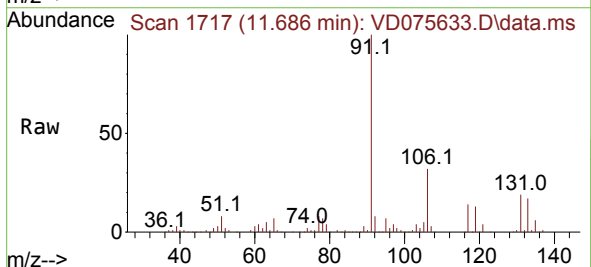
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

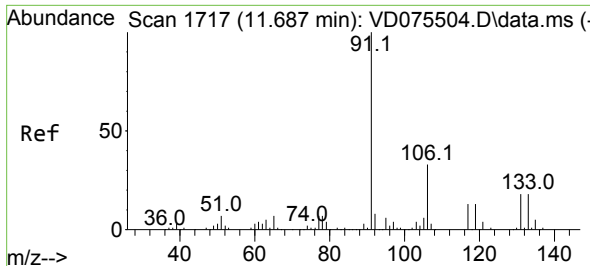
Tgt Ion:112 Resp: 331514
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.985 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:131 Resp: 119568
Ion Ratio Lower Upper
131 100
133 95.1 46.7 140.0
119 72.2 31.9 95.9

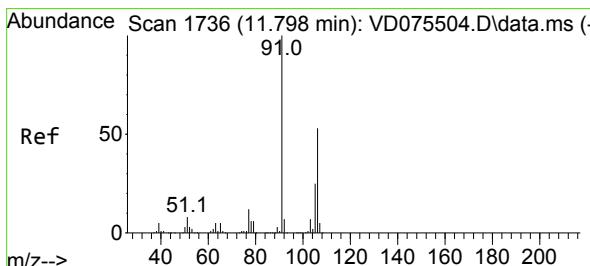
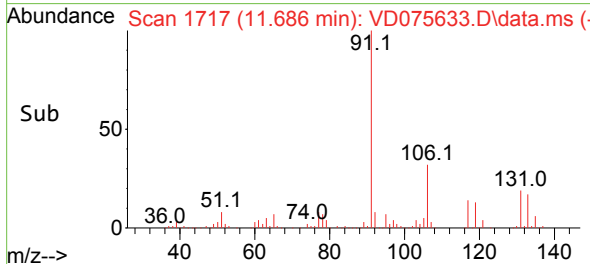
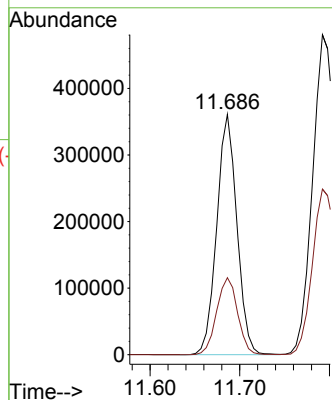
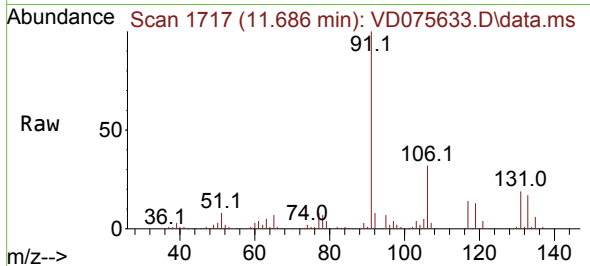




#67
Ethyl Benzene
Concen: 54.447 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

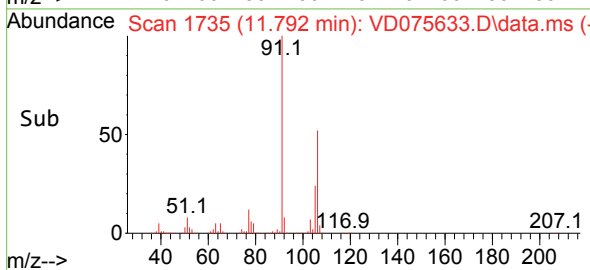
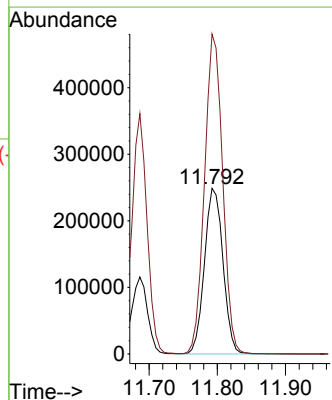
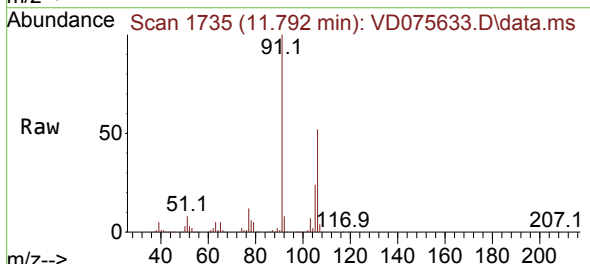
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

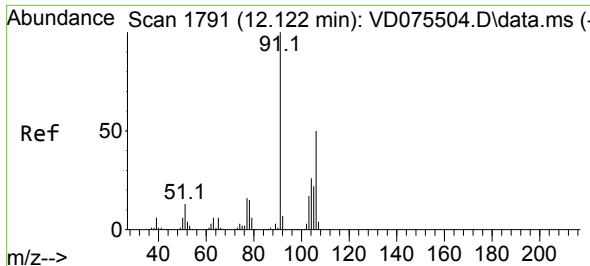
Tgt Ion: 91 Resp: 562634
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 110.468 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:106 Resp: 470172
Ion Ratio Lower Upper
106 100
91 189.3 161.5 242.3

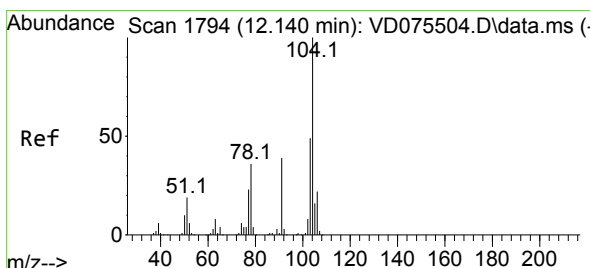
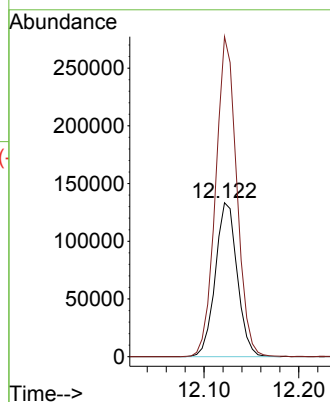
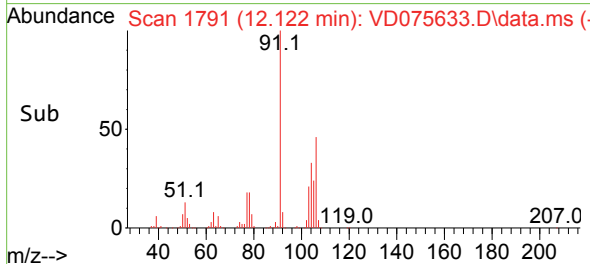
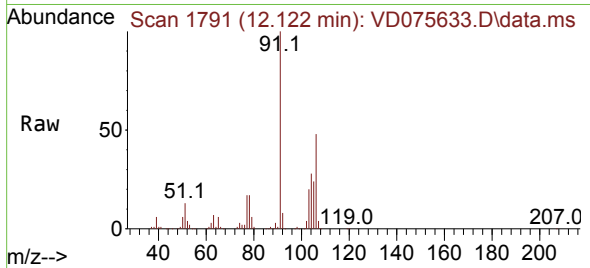




#69
o-Xylene
Concen: 55.927 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

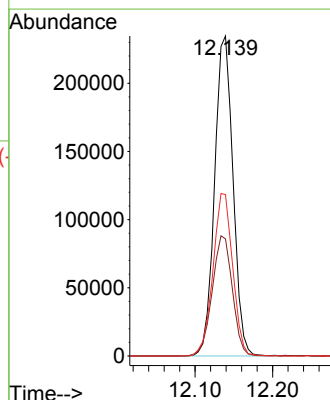
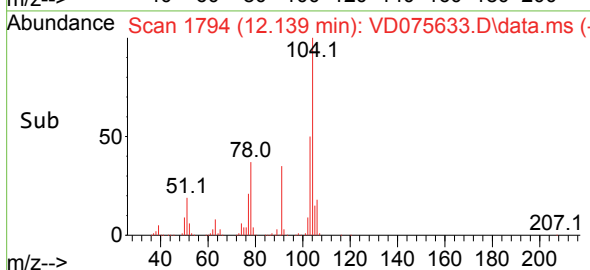
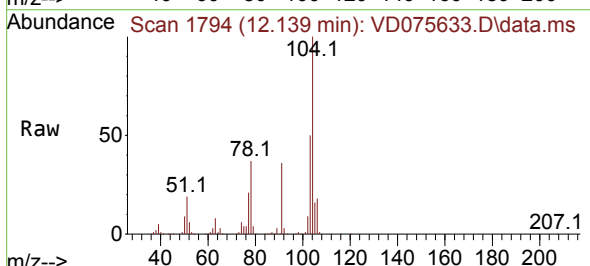
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

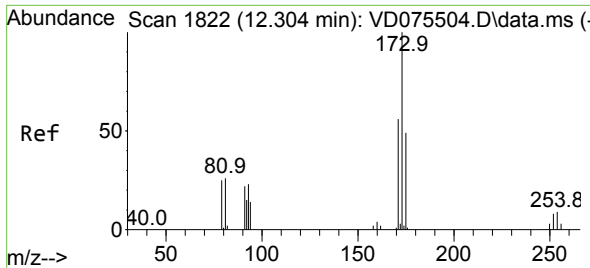
Tgt Ion:106 Resp: 214291
Ion Ratio Lower Upper
106 100
91 200.6 105.7 317.1



#70
Styrene
Concen: 58.982 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:104 Resp: 387577
Ion Ratio Lower Upper
104 100
78 41.1 40.2 60.4
103 54.3 44.2 66.2

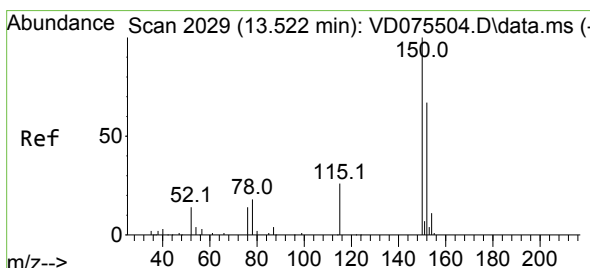
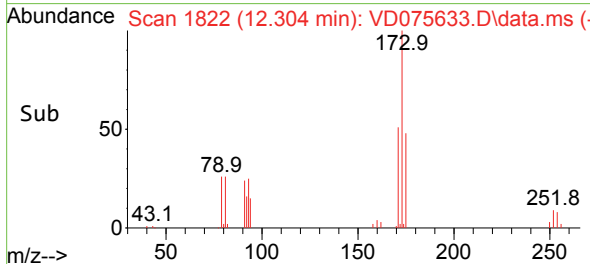
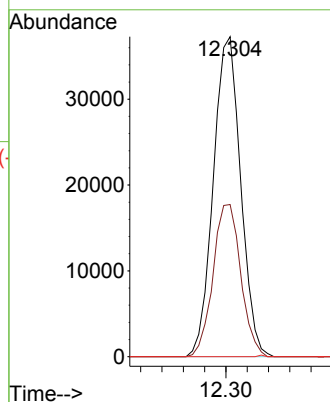
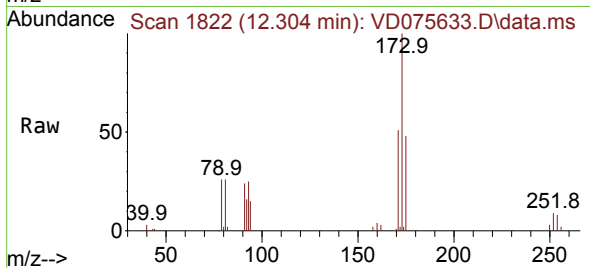




#71
Bromoform
Concen: 57.918 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

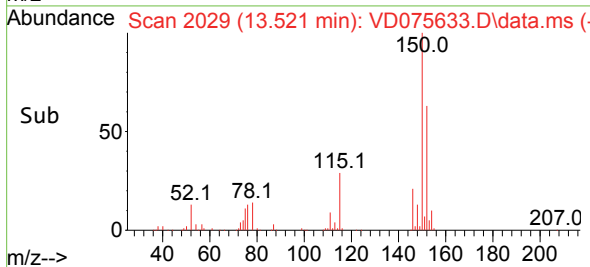
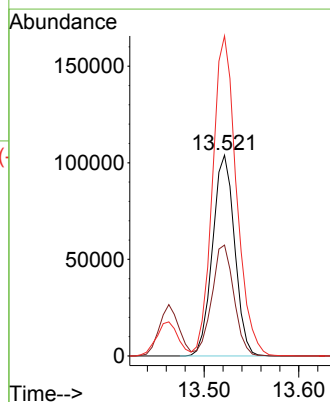
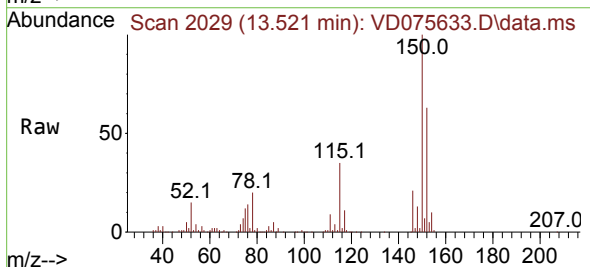
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

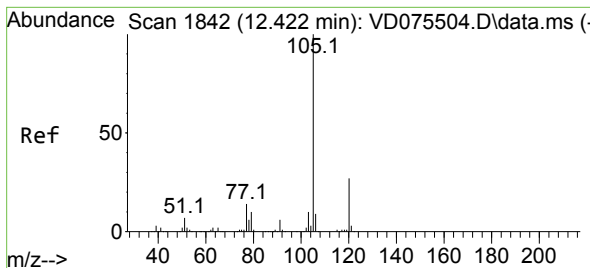
Tgt Ion:173 Resp: 66303
Ion Ratio Lower Upper
173 100
175 48.3 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:152 Resp: 168390
Ion Ratio Lower Upper
152 100
115 55.4 30.1 90.3
150 173.0 0.0 364.8





#73

Isopropylbenzene

Concen: 52.540 ug/l

RT: 12.422 min Scan# 1810

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

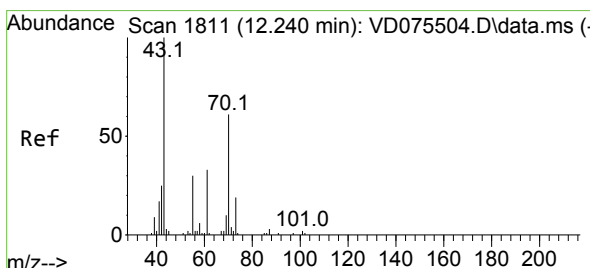
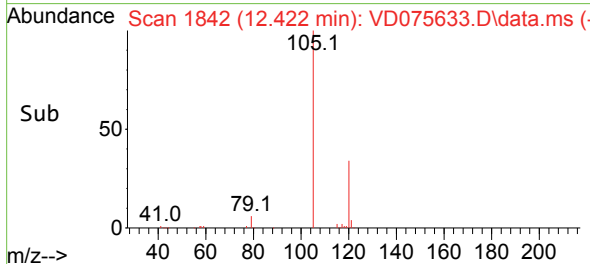
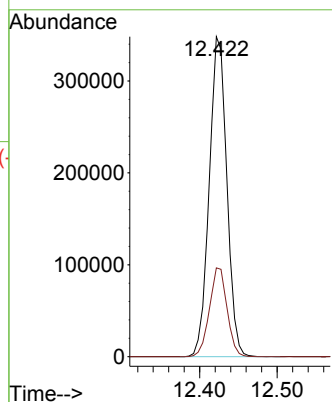
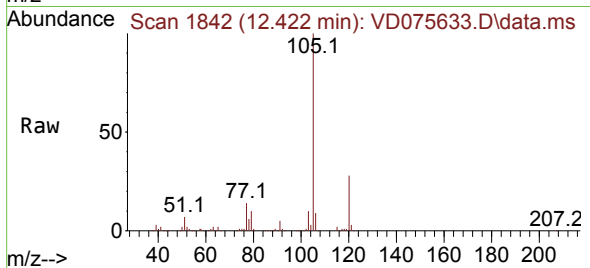
VSTDCCC050

Tgt Ion:105 Resp: 549007

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 52.606 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.007 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Tgt Ion: 43 Resp: 77097

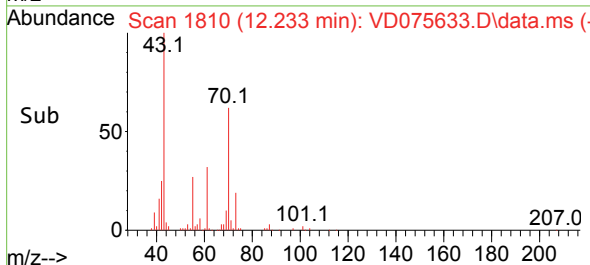
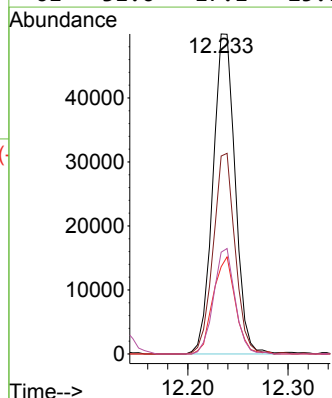
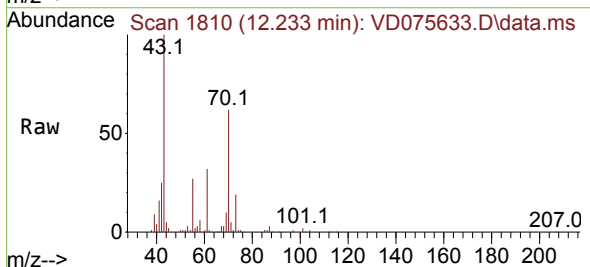
Ion Ratio Lower Upper

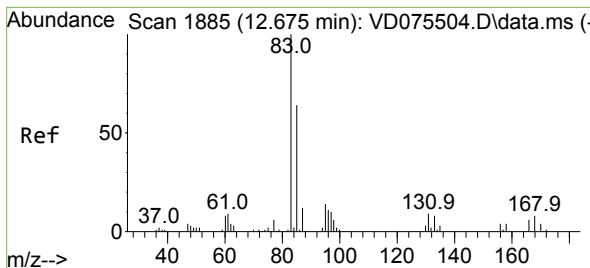
43 100

70 61.7 31.0 46.4#

55 30.5 18.6 28.0#

61 31.6 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 54.191 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. -0.001 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

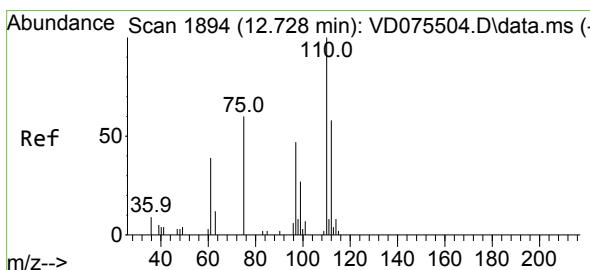
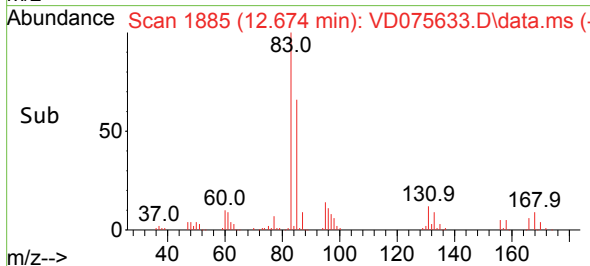
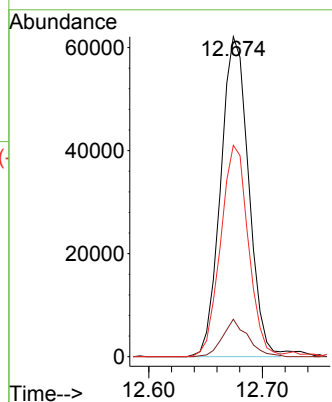
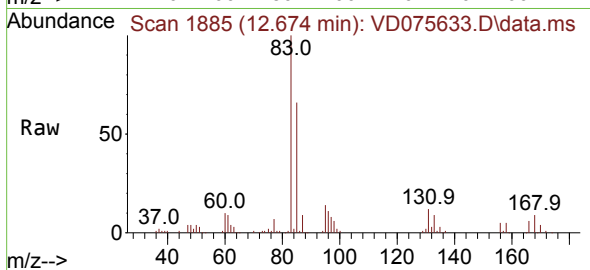
Tgt Ion: 83 Resp: 105918

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

85 65.8 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 112.355 ug/l

RT: 12.727 min Scan# 1894

Delta R.T. -0.001 min

Lab File: VD075633.D

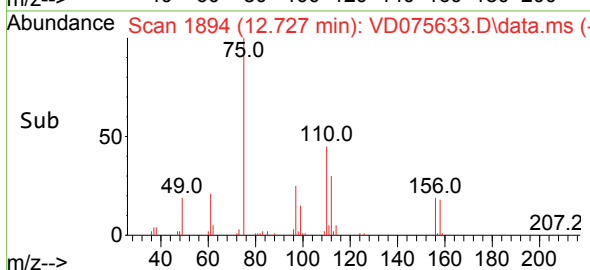
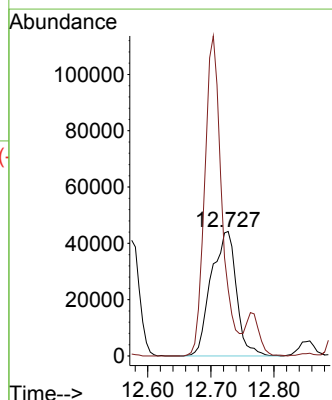
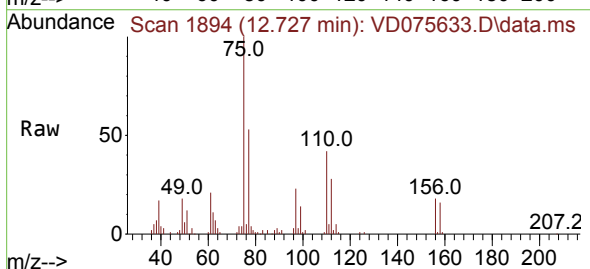
Acq: 12 Apr 2023 10:13

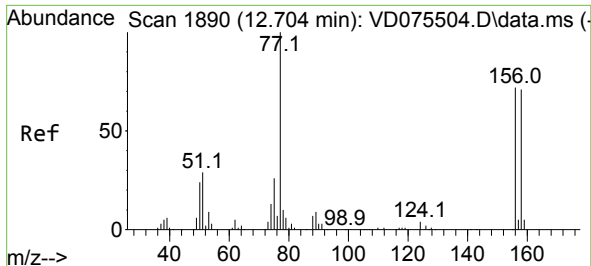
Tgt Ion: 75 Resp: 123001

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

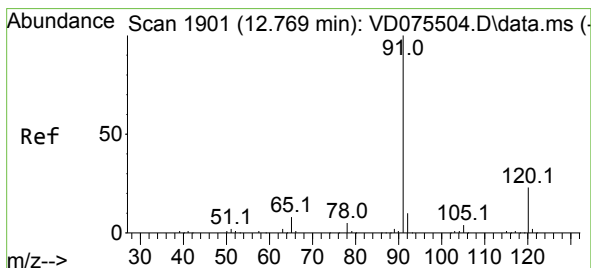
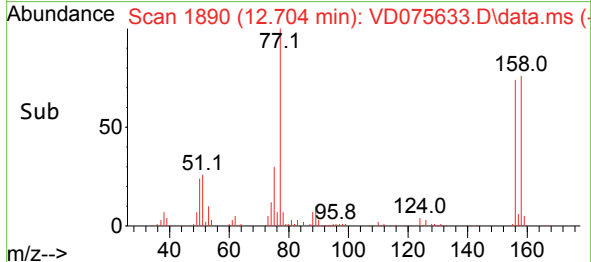
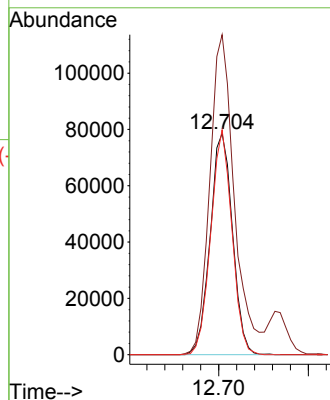
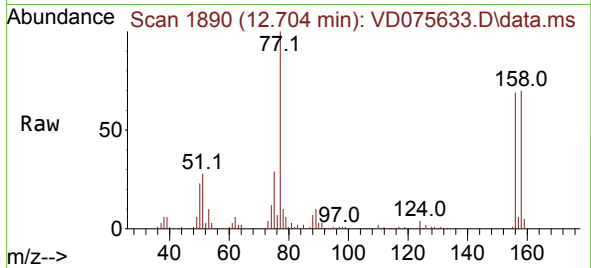




#77
Bromobenzene
Concen: 51.349 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

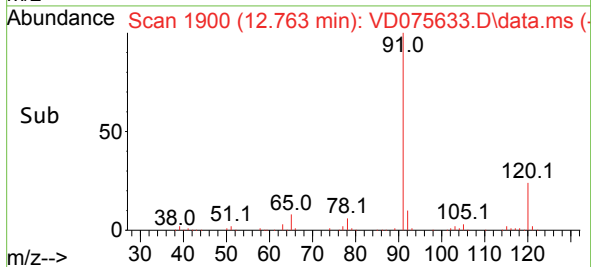
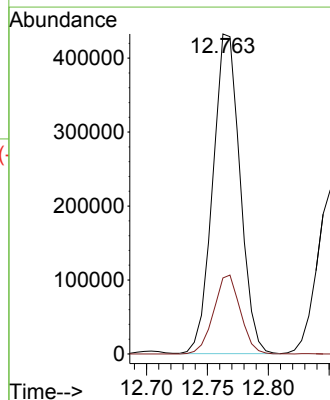
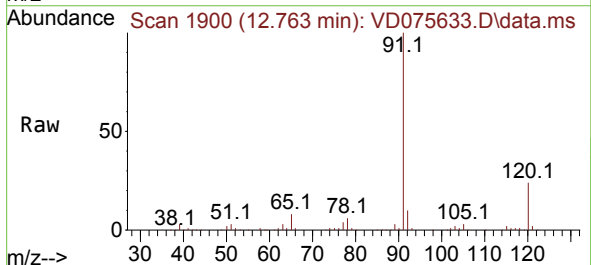
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

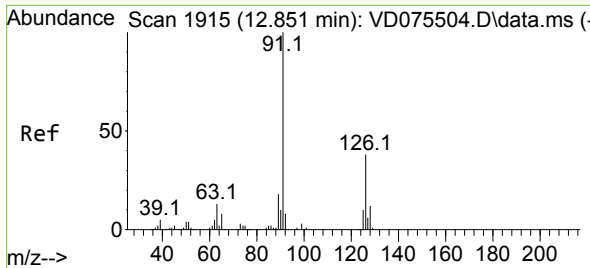
Tgt Ion:156 Resp: 135437
Ion Ratio Lower Upper
156 100
77 157.8 89.5 268.6
158 96.2 47.8 143.4



#78
n-propylbenzene
Concen: 53.565 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 91 Resp: 672980
Ion Ratio Lower Upper
91 100
120 24.2 11.4 34.2

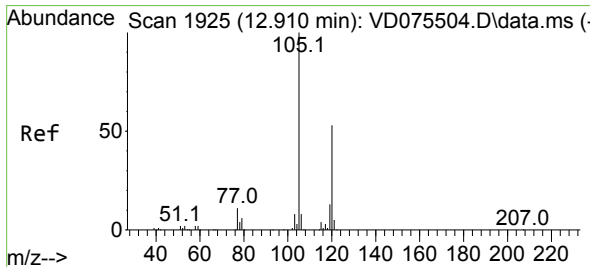
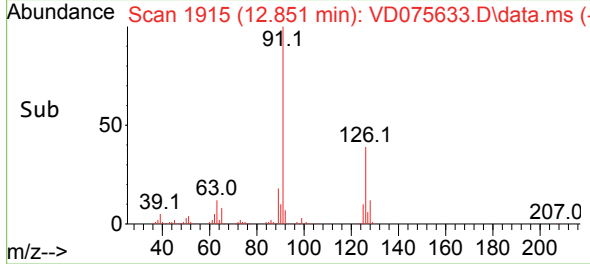
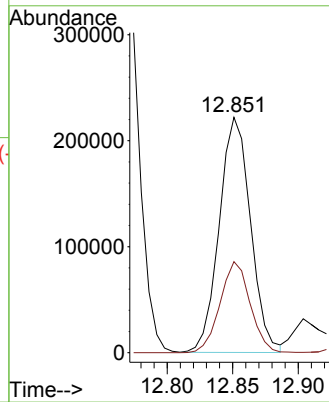
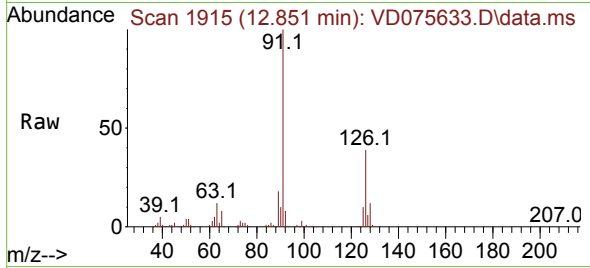




#79
2-Chlorotoluene
Concen: 53.030 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

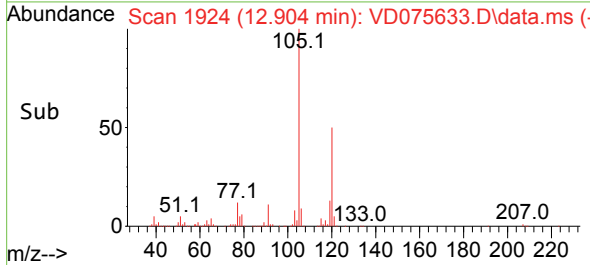
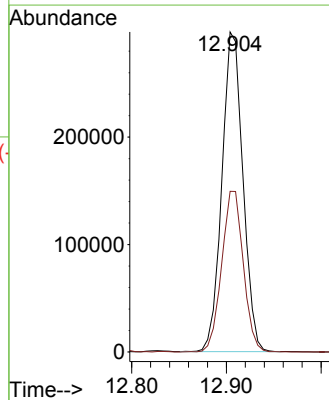
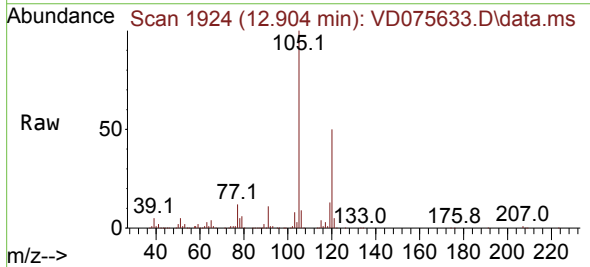
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

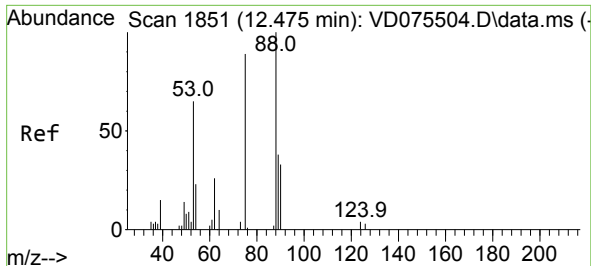
Tgt Ion: 91 Resp: 368492
Ion Ratio Lower Upper
91 100
126 37.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 53.675 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 105 Resp: 459343
Ion Ratio Lower Upper
105 100
120 51.8 24.3 72.8

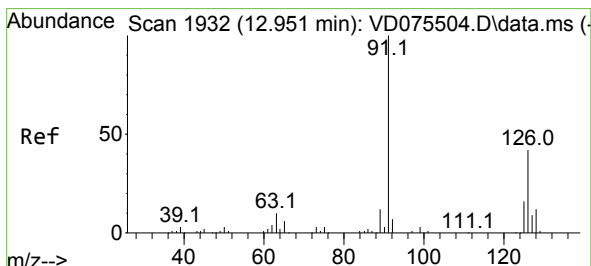
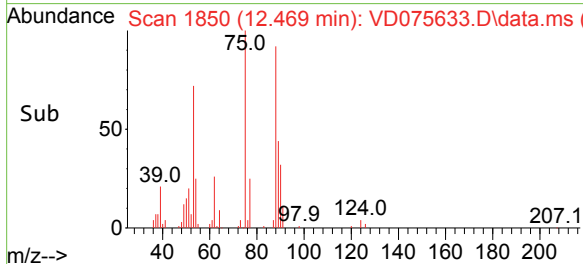
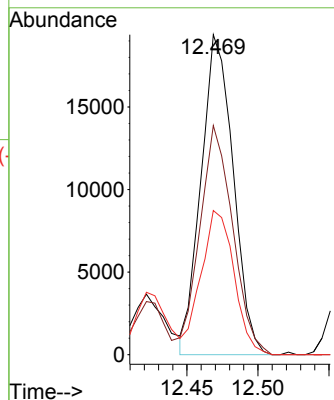
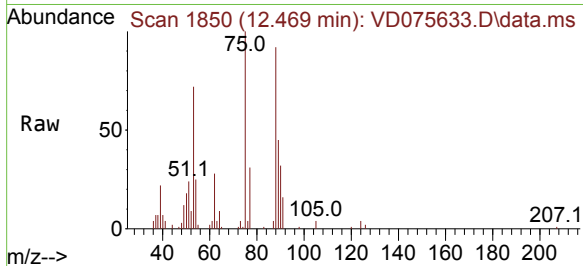




#81
trans-1,4-Dichloro-2-butene
Concen: 53.012 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

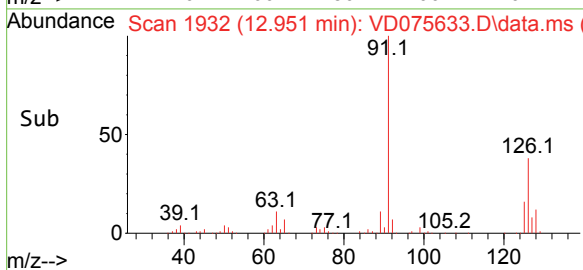
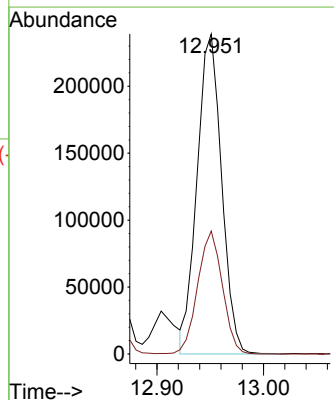
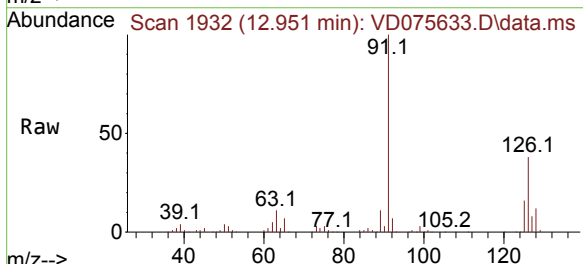
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

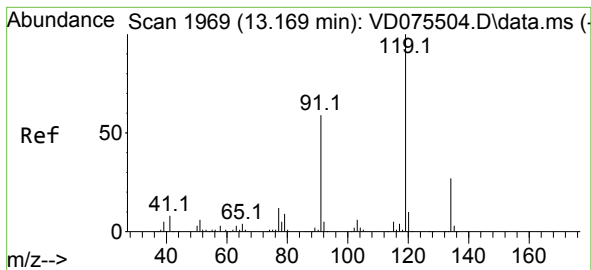
Tgt Ion: 75 Resp: 30482
Ion Ratio Lower Upper
75 100
53 74.0 90.5 135.7#
89 46.6 40.2 60.4



#82
4-Chlorotoluene
Concen: 53.152 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion: 91 Resp: 383135
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.820 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

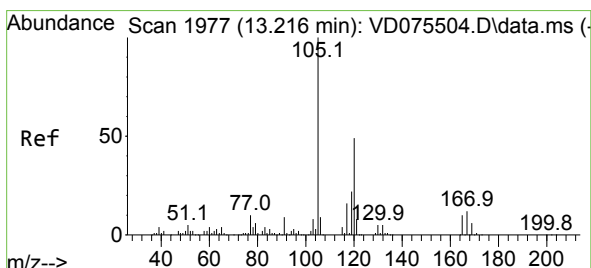
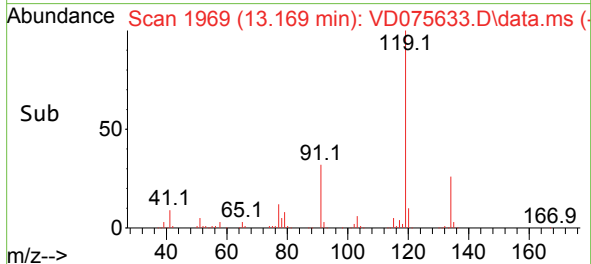
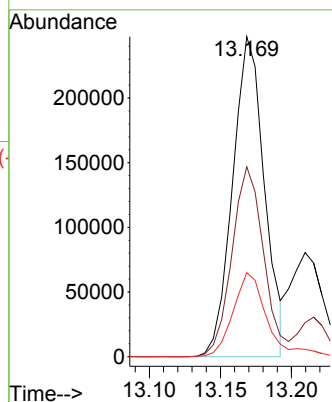
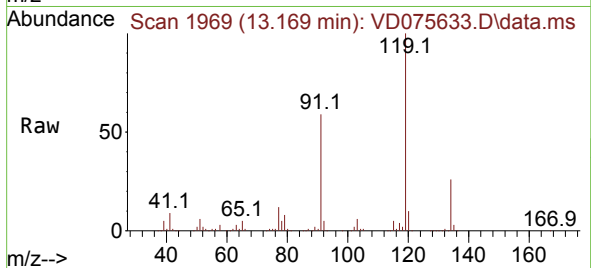
Tgt Ion:119 Resp: 385054

Ion Ratio Lower Upper

119 100

91 59.4 32.4 97.0

134 28.1 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 53.470 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075633.D

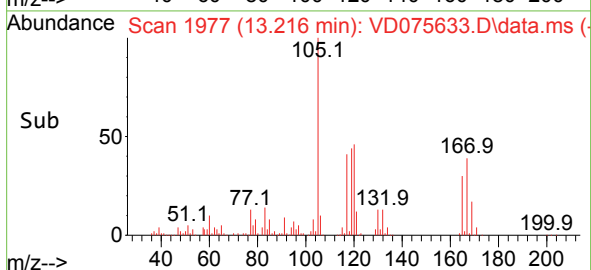
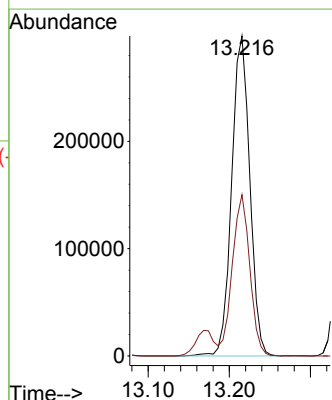
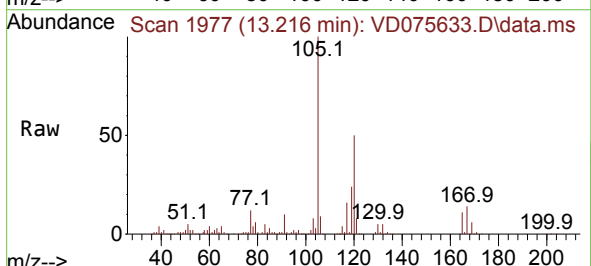
Acq: 12 Apr 2023 10:13

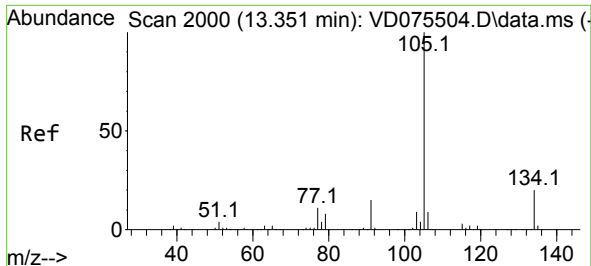
Tgt Ion:105 Resp: 462096

Ion Ratio Lower Upper

105 100

120 48.7 22.3 66.9

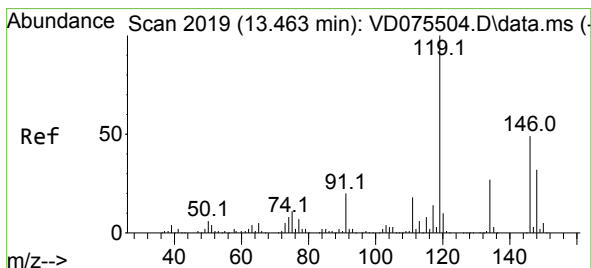
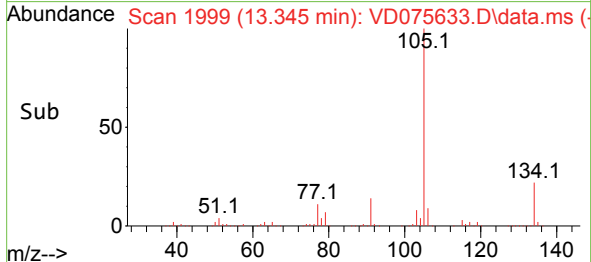
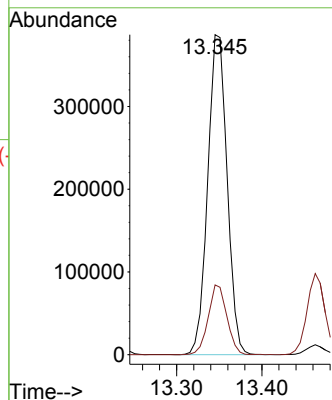
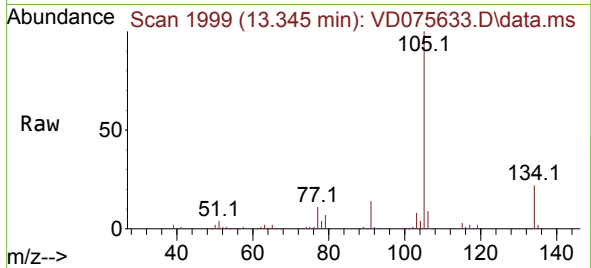




#85
 sec-Butylbenzene
 Concen: 53.828 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

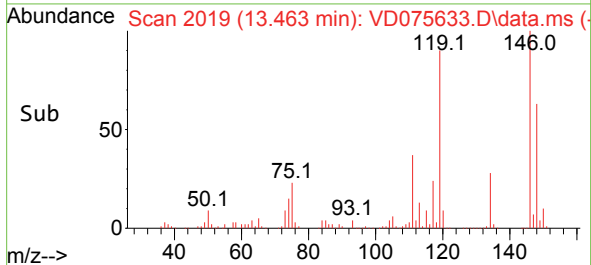
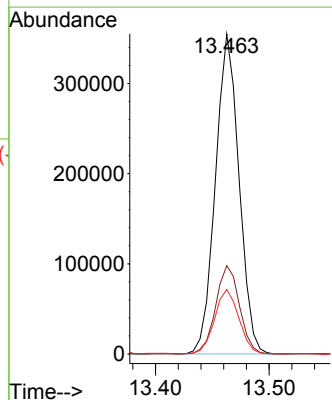
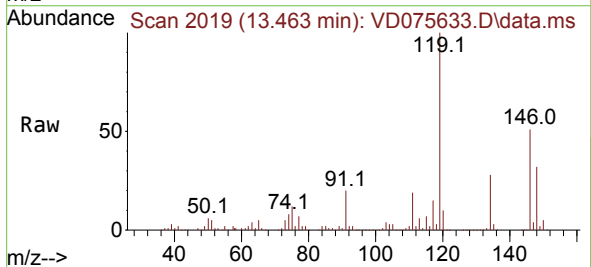
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

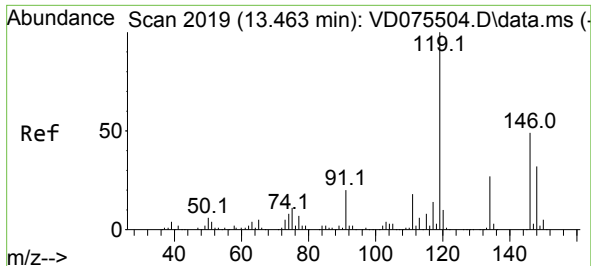
Tgt Ion:105 Resp: 611232
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.669 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion:119 Resp: 512286
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 20.6 12.4 37.4

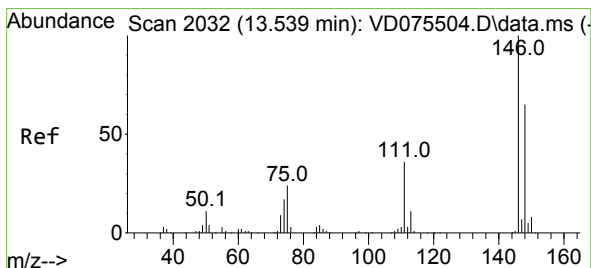
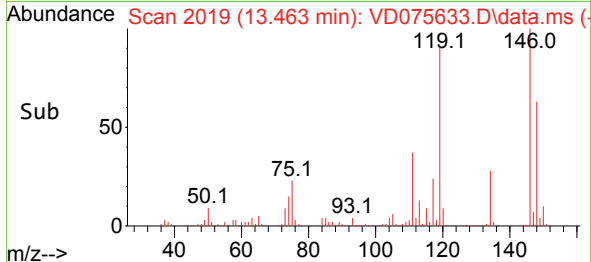
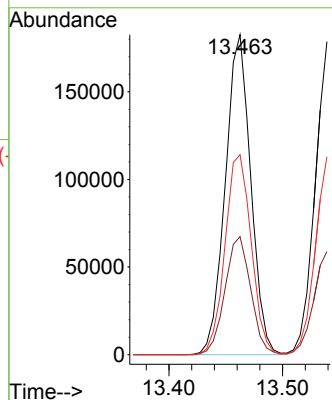
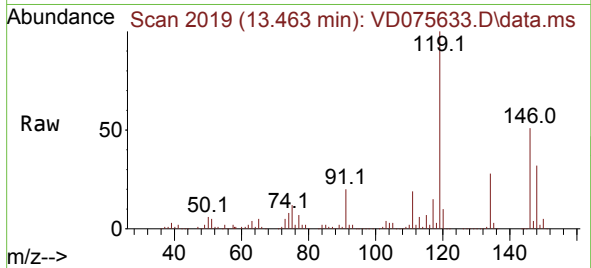




#87
1,3-Dichlorobenzene
Concen: 51.602 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

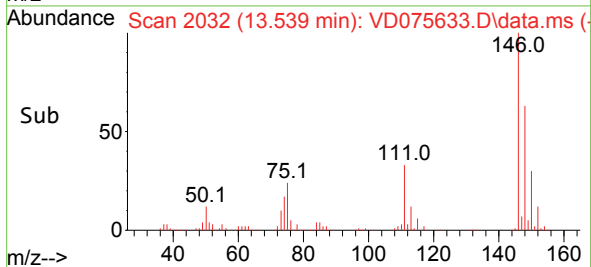
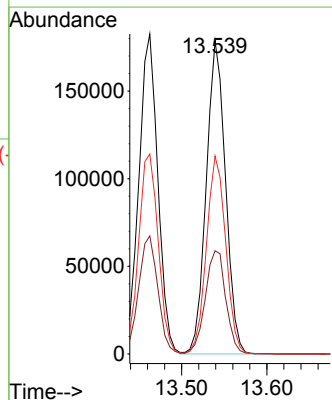
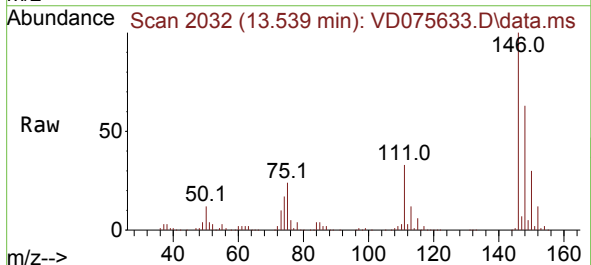
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

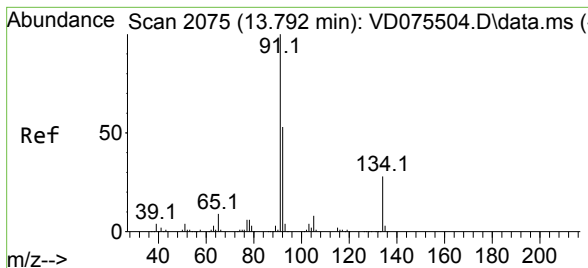
Tgt Ion:146 Resp: 284208
Ion Ratio Lower Upper
146 100
111 37.4 19.8 59.3
148 64.5 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 51.484 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt Ion:146 Resp: 280441
Ion Ratio Lower Upper
146 100
111 35.2 19.6 58.8
148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 52.865 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

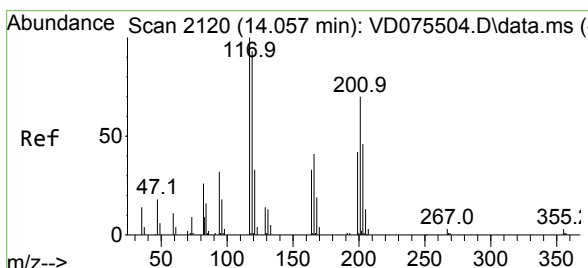
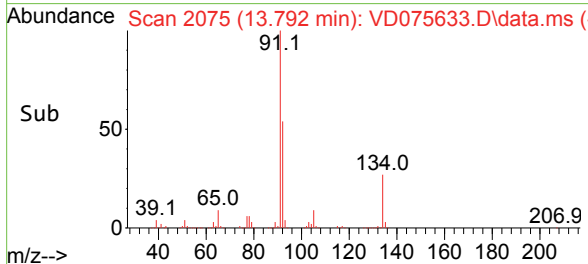
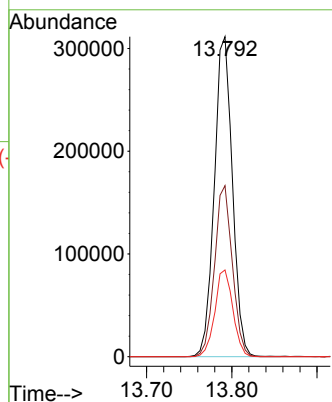
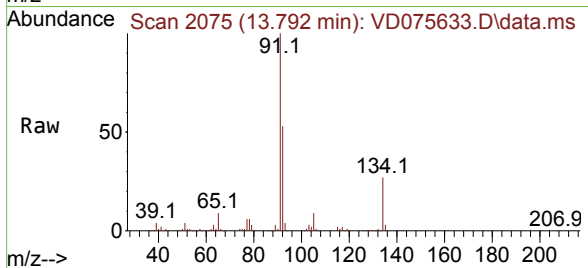
Tgt Ion: 91 Resp: 458791

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 27.0 12.7 38.0



#90

Hexachloroethane

Concen: 53.576 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075633.D

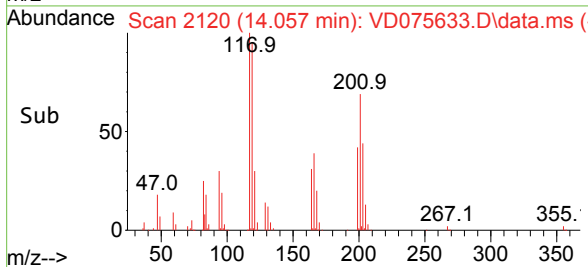
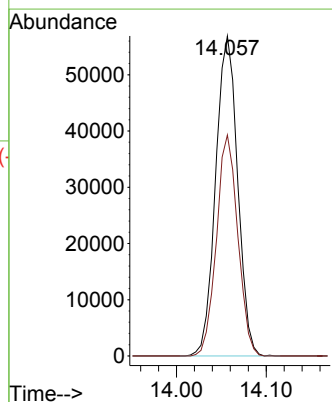
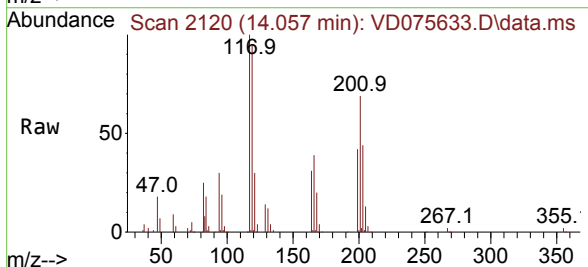
Acq: 12 Apr 2023 10:13

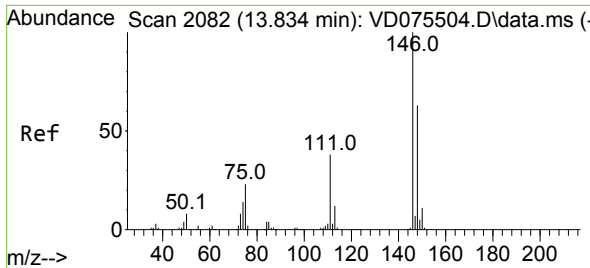
Tgt Ion: 117 Resp: 96736

Ion Ratio Lower Upper

117 100

201 67.0 34.5 103.6

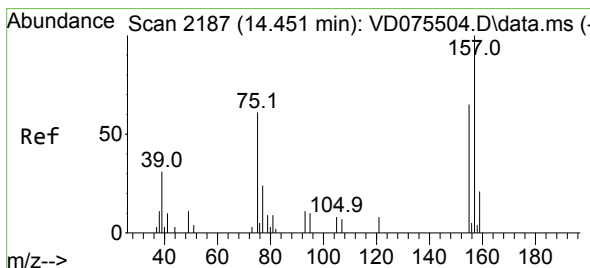
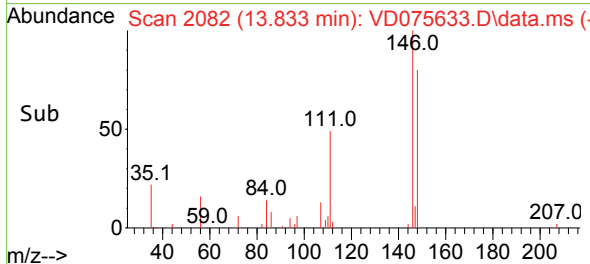
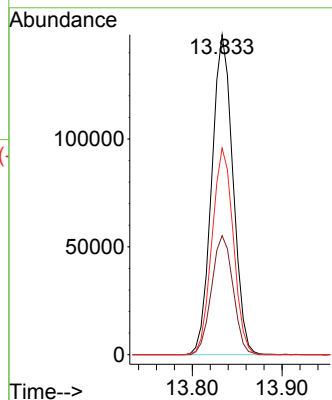
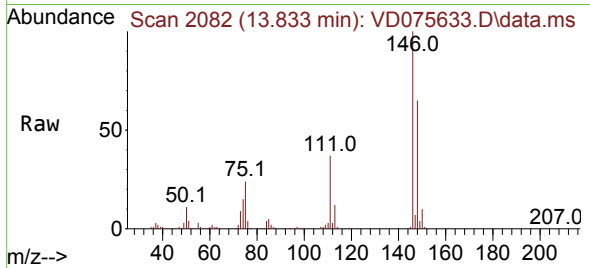




#91
 1,2-Dichlorobenzene
 Concen: 51.383 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.001 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

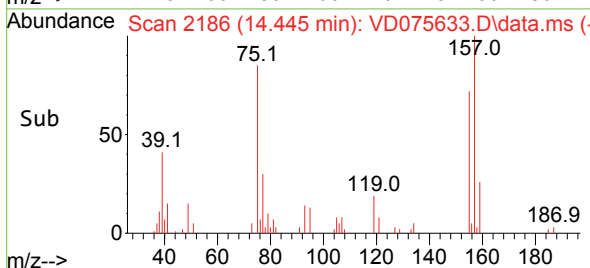
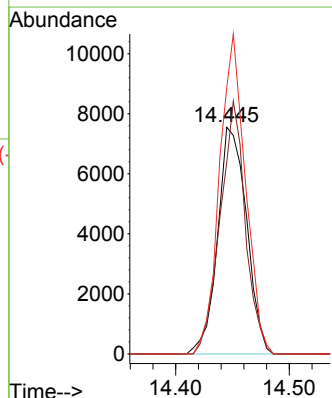
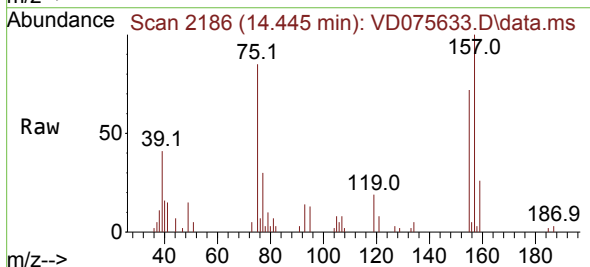
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

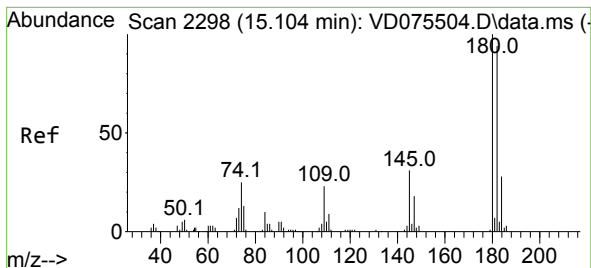
Tgt Ion:146 Resp: 243945
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.6 61.8
 148 64.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.557 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD075633.D
 Acq: 12 Apr 2023 10:13

Tgt Ion: 75 Resp: 13339
 Ion Ratio Lower Upper
 75 100
 155 97.0 39.5 118.5
 157 126.6 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 52.395 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

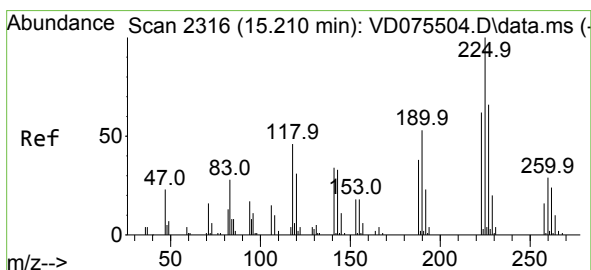
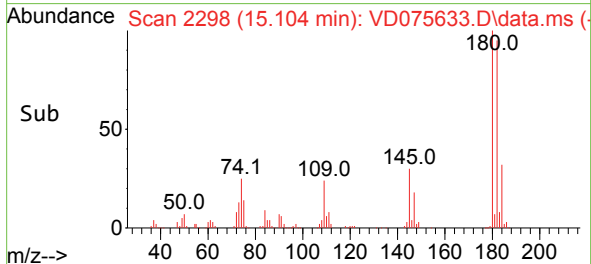
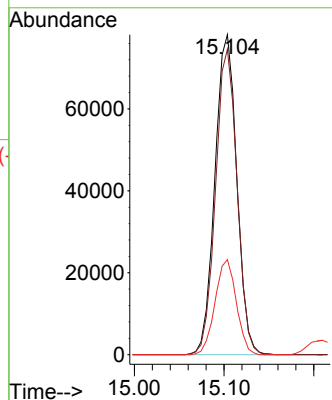
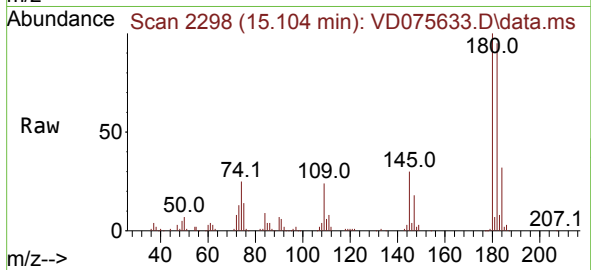
Tgt Ion:180 Resp: 131931

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.7

145 28.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.474 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075633.D

Acq: 12 Apr 2023 10:13

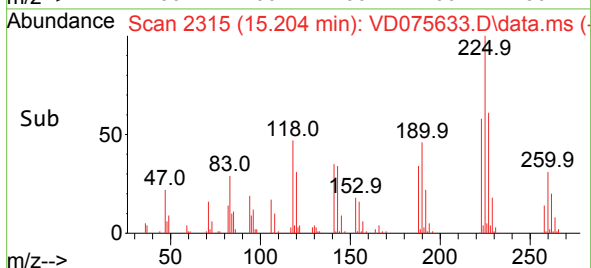
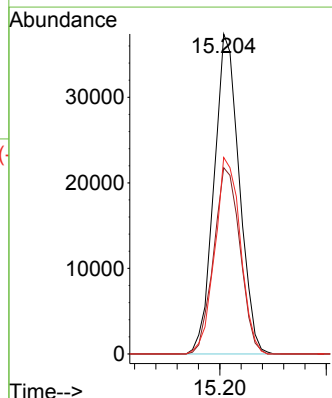
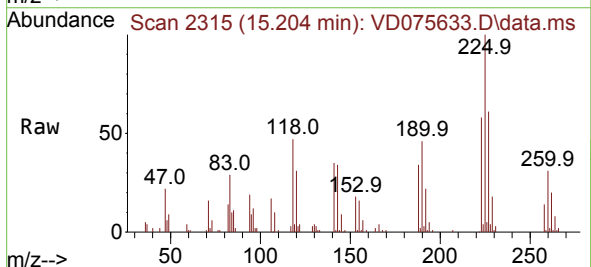
Tgt Ion:225 Resp: 61394

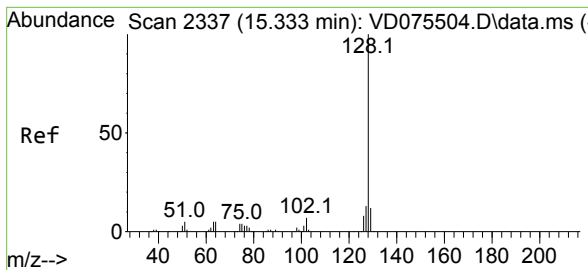
Ion Ratio Lower Upper

225 100

223 60.9 33.1 99.2

227 62.3 31.9 95.9

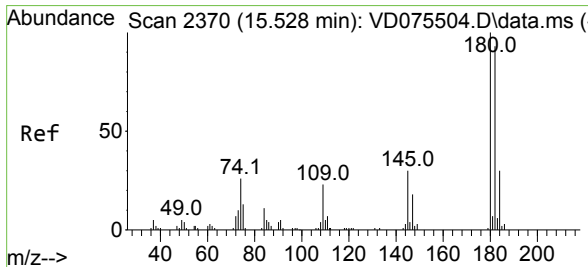
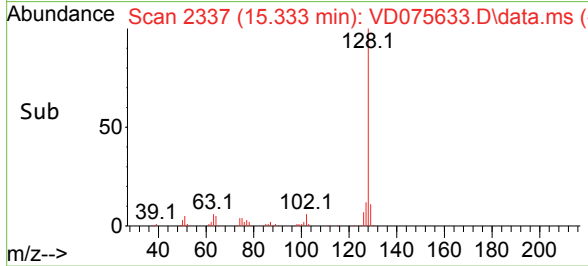
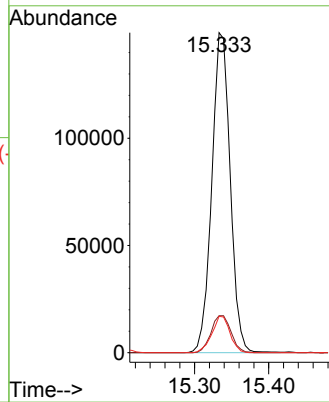
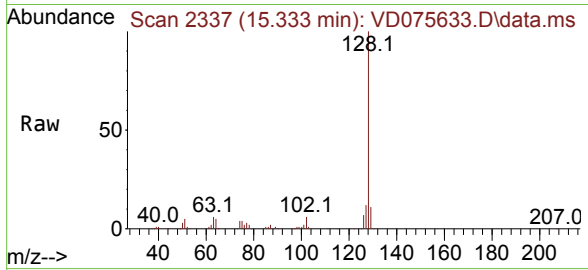




#95
Naphthalene
Concen: 53.889 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt	Ion:128	Resp:	257649
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.164 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.001 min
Lab File: VD075633.D
Acq: 12 Apr 2023 10:13

Tgt	Ion:180	Resp:	116376
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	31.0	16.4	49.4

