

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075673 .D
 Acq On : 14 Apr 2023 11:24
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	220585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	380793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	351532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91945	43.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.820%
35) Dibromofluoromethane	7.804	113	114122	44.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.120%
50) Toluene-d8	10.269	98	456896	44.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.575	95	129169	47.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99042	48.322	ug/l	95
3) Chloromethane	2.146	50	159857	43.194	ug/l	99
4) Vinyl Chloride	2.281	62	227026	46.228	ug/l	99
5) Bromomethane	2.687	94	176110	45.928	ug/l	97
6) Chloroethane	2.834	64	149865	45.324	ug/l	97
7) Trichlorofluoromethane	3.169	101	177331	46.602	ug/l	99
8) Diethyl Ether	3.587	74	54143	45.716	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.963	101	111065	46.545	ug/l	94
10) Methyl Iodide	4.163	142	157267	48.157	ug/l	91
11) Tert butyl alcohol	5.046	59	25249	240.283	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	117583	47.591	ug/l	83
13) Acrolein	3.793	56	52900	249.579	ug/l	100
14) Allyl chloride	4.558	41	105503	46.888	ug/l #	80
15) Acrylonitrile	5.252	53	102727	232.232	ug/l	97
16) Acetone	4.022	43	89374	233.000	ug/l #	87
17) Carbon Disulfide	4.263	76	363384	44.944	ug/l	97
18) Methyl Acetate	4.558	43	59189	45.759	ug/l #	68
19) Methyl tert-butyl Ether	5.310	73	227626	47.473	ug/l	99
20) Methylene Chloride	4.793	84	139743	46.803	ug/l #	71
21) trans-1,2-Dichloroethene	5.305	96	135779	46.143	ug/l #	73
22) Diisopropyl ether	6.210	45	243587	47.908	ug/l #	87
23) Vinyl Acetate	6.152	43	590201	249.910	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	195300	46.355	ug/l	97
25) 2-Butanone	7.081	43	117138	237.180	ug/l #	69
26) 2,2-Dichloropropane	7.069	77	172248	45.096	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	151811	46.574	ug/l	79
28) Bromochloromethane	7.422	49	64040	48.085	ug/l #	45
29) Tetrahydrofuran	7.446	42	64454	238.646	ug/l #	51
30) Chloroform	7.593	83	216932	45.419	ug/l	97
31) Cyclohexane	7.875	56	146791	44.677	ug/l #	65
32) 1,1,1-Trichloroethane	7.793	97	177852	45.667	ug/l	95
36) 1,1-Dichloropropene	8.004	75	162074	45.869	ug/l	94
37) Ethyl Acetate	7.169	43	48040	44.676	ug/l #	77
38) Carbon Tetrachloride	7.993	117	146914	47.216	ug/l	97
39) Methylcyclohexane	9.275	83	199852	48.913	ug/l #	88
40) Benzene	8.246	78	499748	45.497	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23031	44.632	ug/l #	55
42) 1,2-Dichloroethane	8.322	62	112860	45.235	ug/l	89
43) Isopropyl Acetate	8.357	43	90539	46.174	ug/l #	79
44) Trichloroethene	9.028	130	138684	44.612	ug/l	94
45) 1,2-Dichloropropane	9.304	63	111119	45.142	ug/l	95
46) Dibromomethane	9.393	93	69605	44.573	ug/l	96
47) Bromodichloromethane	9.581	83	163713	45.832	ug/l	95
48) Methyl methacrylate	9.381	41	41323	47.302	ug/l #	56
49) 1,4-Dioxane	9.387	88	14853	958.681	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	238222	227.863	ug/l #	77
52) Toluene	10.334	92	330717	45.279	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	151459	44.232	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	183266	45.046	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	98126	43.399	ug/l	95
56) Ethyl methacrylate	10.598	69	103365	46.453	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	153555	44.734	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	247810	259.319	ug/l #	86
59) 2-Hexanone	10.922	43	174910	237.945	ug/l	71
60) Dibromochloromethane	11.075	129	115744	43.747	ug/l	99
61) 1,2-Dibromoethane	11.181	107	94969	44.031	ug/l	98
64) Tetrachloroethene	10.810	164	115903	45.781	ug/l	97
65) Chlorobenzene	11.610	112	347979	46.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	121616	46.984	ug/l	94
67) Ethyl Benzene	11.687	91	606349	49.621	ug/l	96
68) m/p-Xylenes	11.793	106	504303	100.701	ug/l	89
69) o-Xylene	12.122	106	231978	51.229	ug/l	88
70) Styrene	12.134	104	391796	47.137	ug/l	93
71) Bromoform	12.298	173	65705	48.559	ug/l #	97
73) Isopropylbenzene	12.422	105	581451	50.395	ug/l	98
74) N-amyl acetate	12.234	43	81735	48.209	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	103038	45.972	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	119902	83.634	ug/l #	100
77) Bromobenzene	12.704	156	141750	47.655	ug/l	89
78) n-propylbenzene	12.763	91	699403	49.453	ug/l	97
79) 2-Chlorotoluene	12.851	91	375004	46.750	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	477193	49.611	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	31972	48.336	ug/l #	70
82) 4-Chlorotoluene	12.951	91	392373	47.042	ug/l	92
83) tert-Butylbenzene	13.169	119	404735	49.904	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	474177	49.129	ug/l	95
85) sec-Butylbenzene	13.345	105	623080	49.800	ug/l	97
86) p-Isopropyltoluene	13.463	119	516211	49.560	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	293088	47.363	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	281761	46.089	ug/l	97
89) n-Butylbenzene	13.787	91	474033	49.407	ug/l	99
90) Hexachloroethane	14.057	117	97595	47.159	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	249791	47.123	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13943	46.406	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	137745	44.666	ug/l	98
94) Hexachlorobutadiene	15.204	225	64068	43.465	ug/l	98
95) Naphthalene	15.333	128	272376	46.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	121423	44.733	ug/l	99

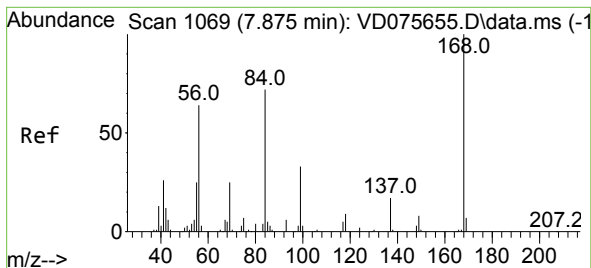
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

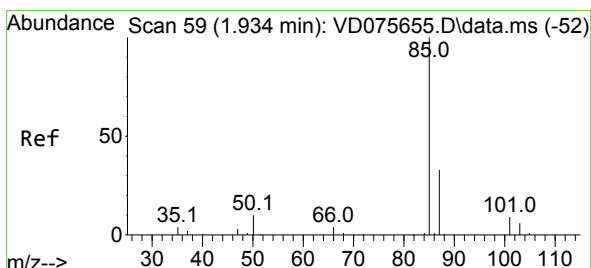
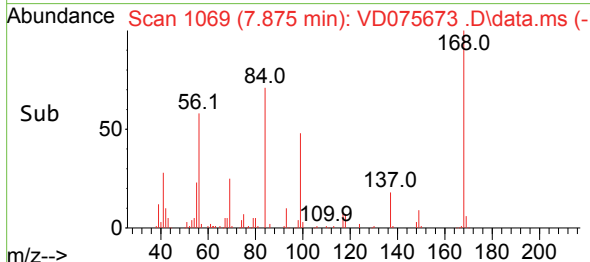
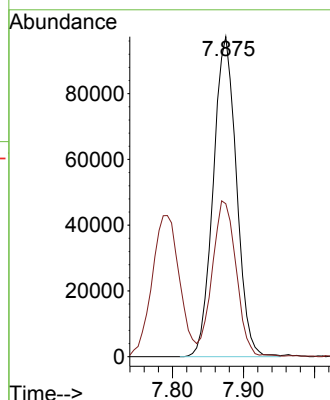
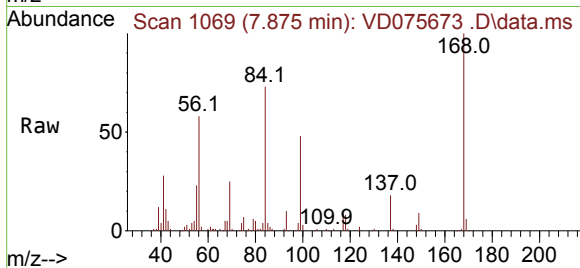
ClientSampleId :

Tgt Ion:168 Resp: 220585

Ion Ratio Lower Upper

168 100

99 47.6 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 48.322 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075673.D

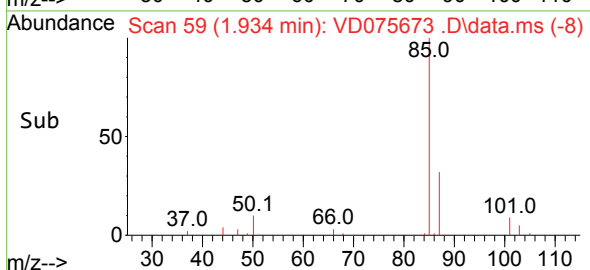
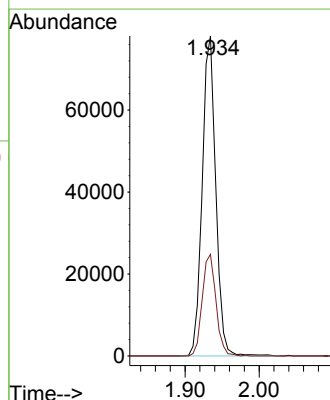
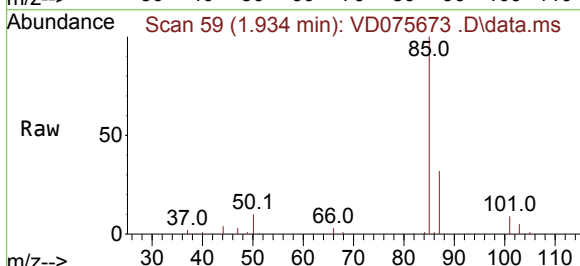
Acq: 14 Apr 2023 11:24

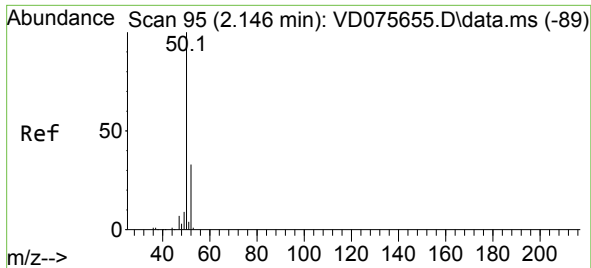
Tgt Ion: 85 Resp: 99042

Ion Ratio Lower Upper

85 100

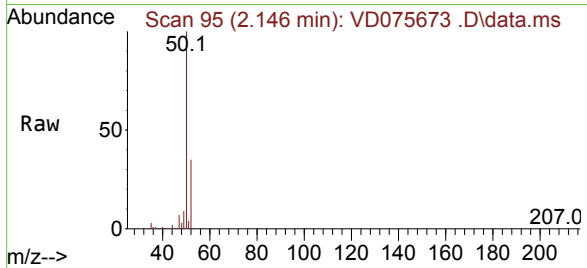
87 31.8 17.3 51.7



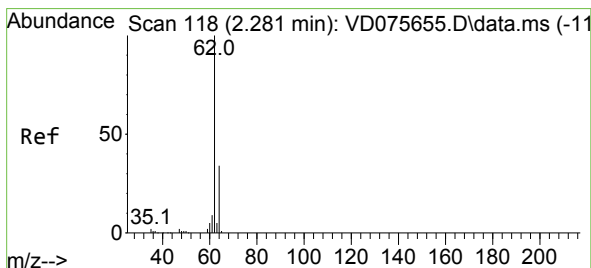
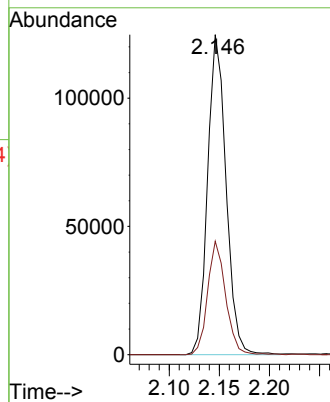
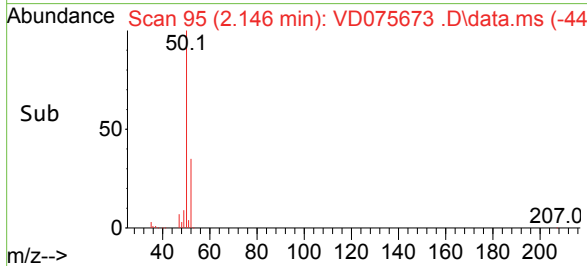


#3
Chloromethane
Concen: 43.194 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Instrument :
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ClientSampleId :

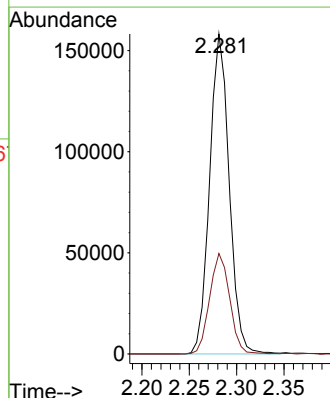
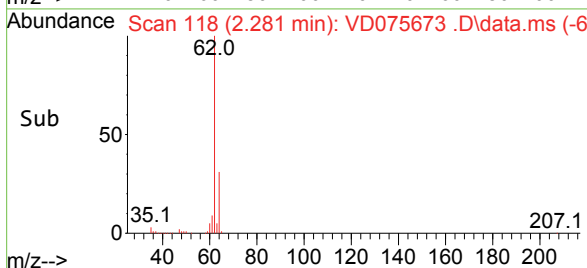
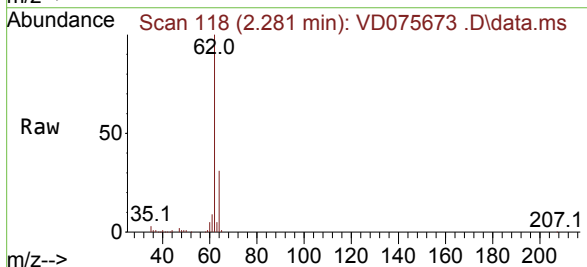


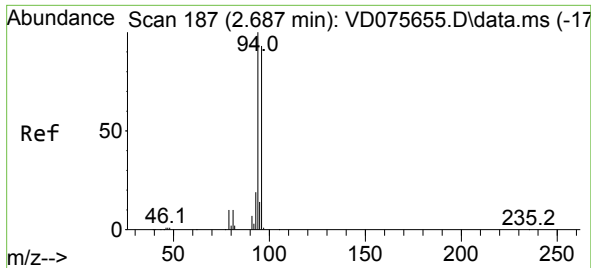
Tgt Ion: 50 Resp: 159857
Ion Ratio Lower Upper
50 100
52 35.5 27.8 41.8



#4
Vinyl Chloride
Concen: 46.228 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 62 Resp: 227026
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

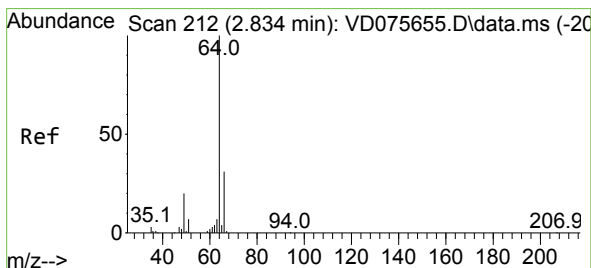
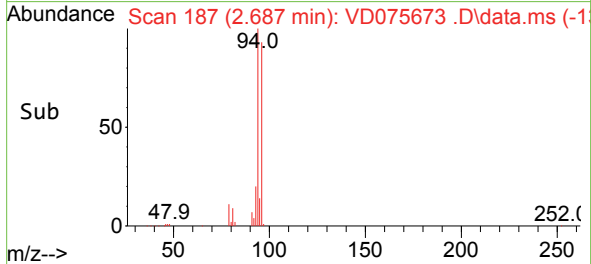
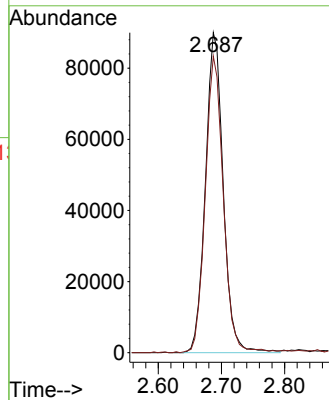
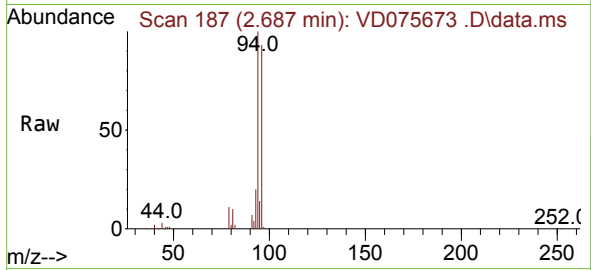




#5
Bromomethane
Concen: 45.928 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

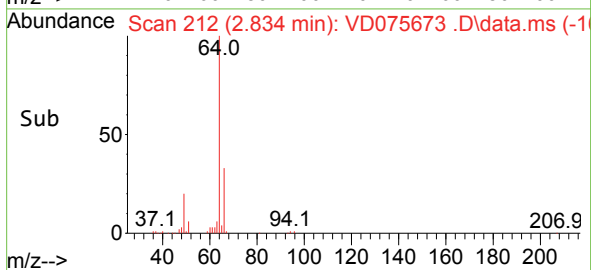
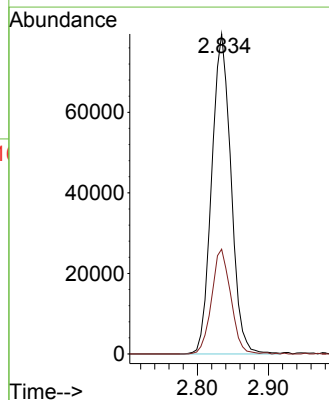
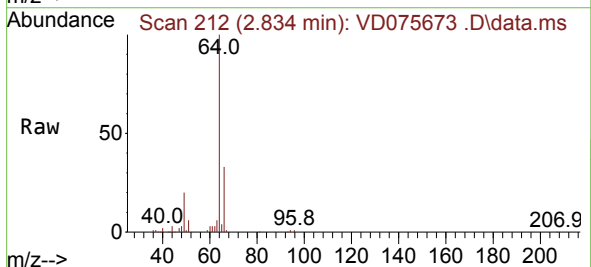
Instrument :
MSVOA_D
ClientSampleId :

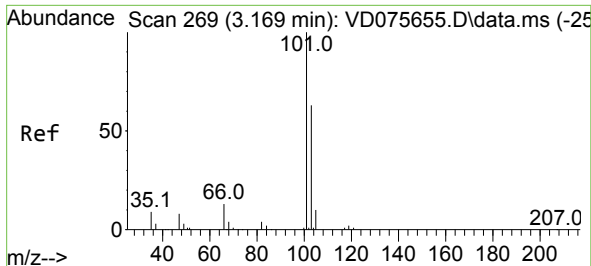
Tgt Ion: 94 Resp: 176110
Ion Ratio Lower Upper
94 100
96 93.5 77.5 116.3



#6
Chloroethane
Concen: 45.324 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 64 Resp: 149865
Ion Ratio Lower Upper
64 100
66 32.8 27.7 41.5

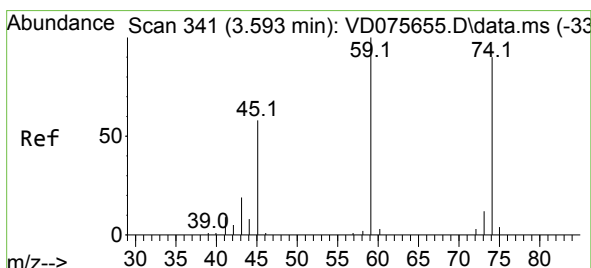
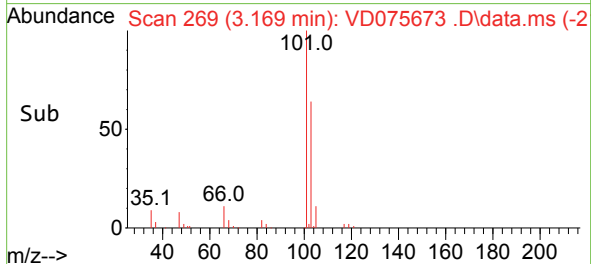
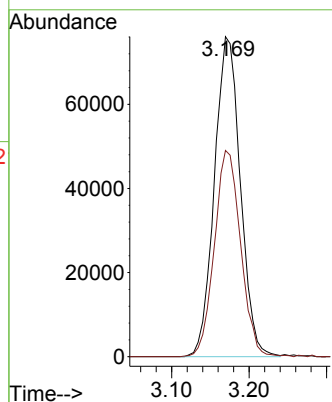
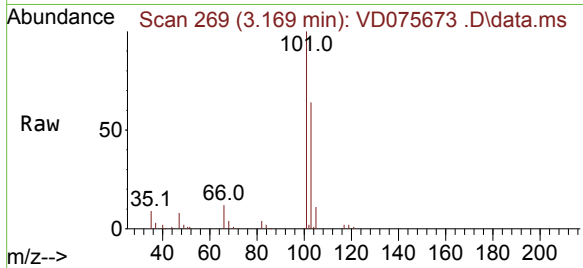




#7
 Trichlorofluoromethane
 Concen: 46.602 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

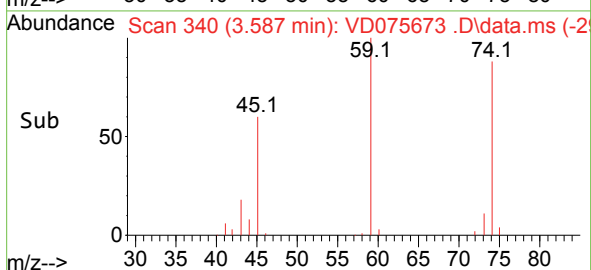
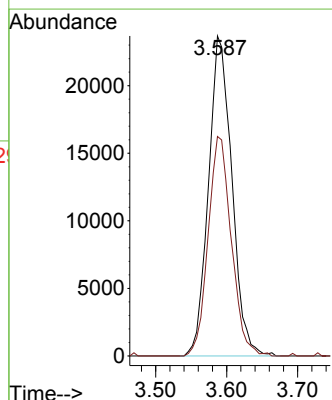
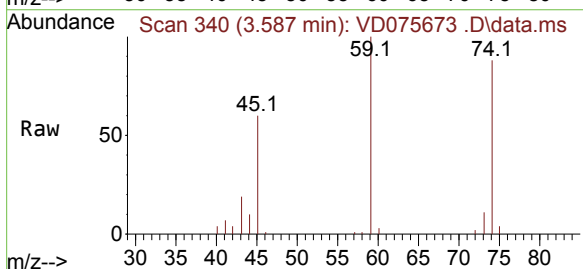
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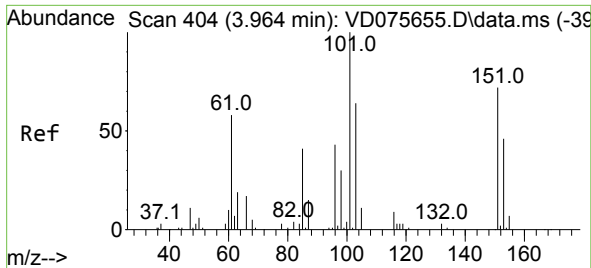
Tgt Ion:101 Resp: 177331
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.716 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion: 74 Resp: 54143
 Ion Ratio Lower Upper
 74 100
 45 68.2 50.9 152.7

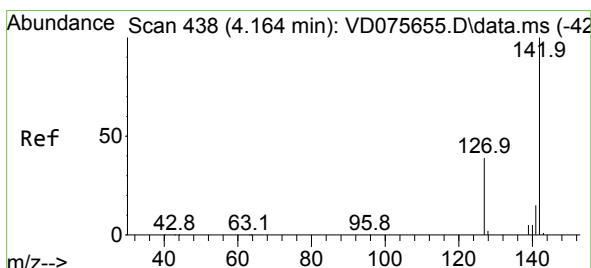
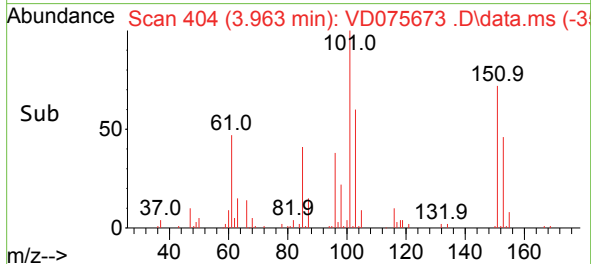
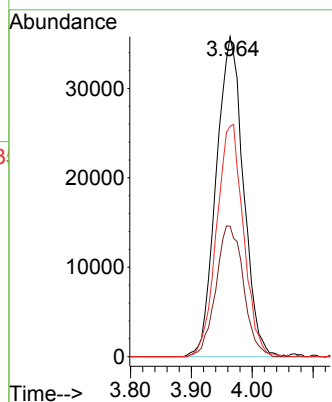
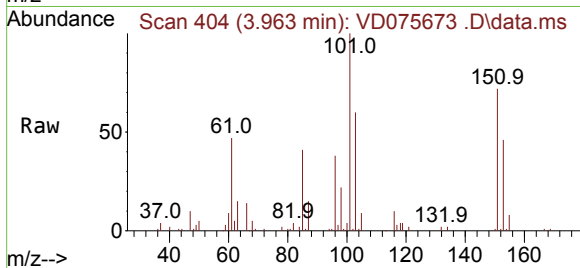




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.545 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075673.D
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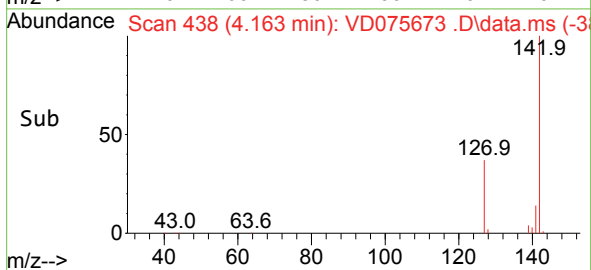
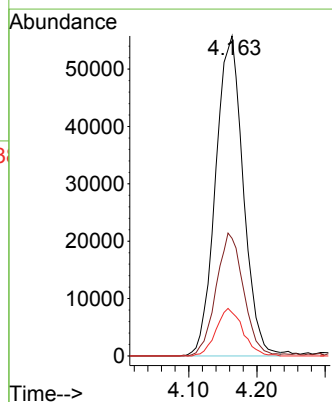
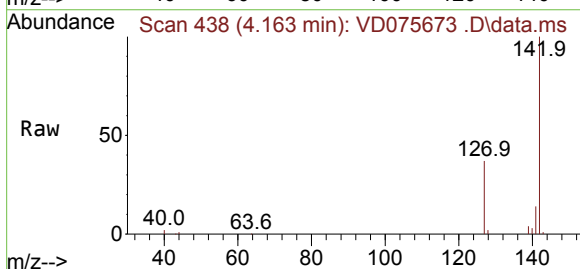
Instrument :
MSVOA_D
ClientSampleId :

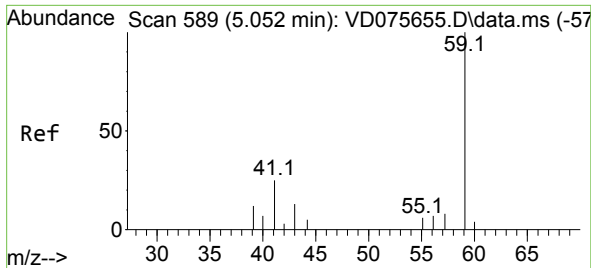
Tgt Ion:101 Resp: 111065
Ion Ratio Lower Upper
101 100
85 41.5 38.3 57.5
151 71.8 60.4 90.6



#10
Methyl Iodide
Concen: 48.157 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

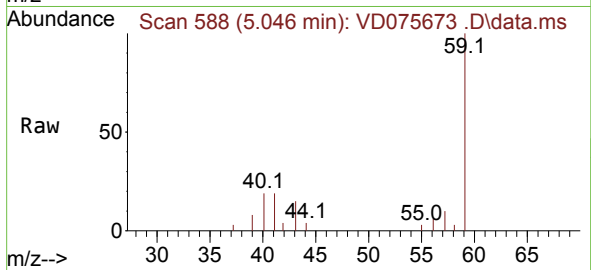
Tgt Ion:142 Resp: 157267
Ion Ratio Lower Upper
142 100
127 38.6 37.1 55.7
141 14.4 11.3 16.9



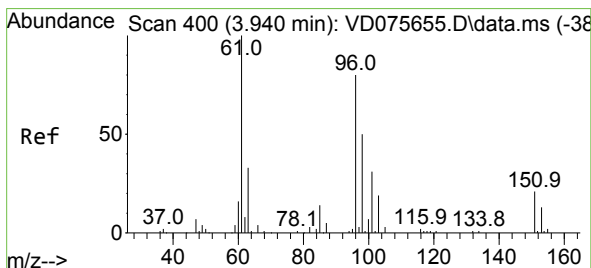
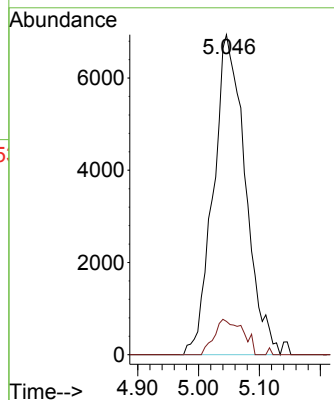
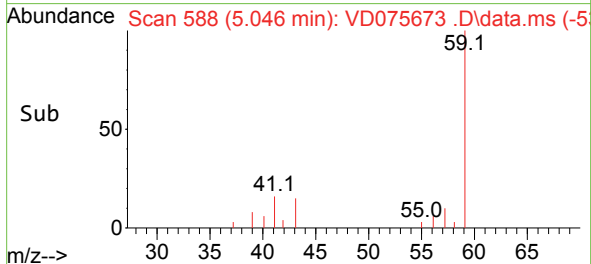


#11
Tert butyl alcohol
Concen: 240.283 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

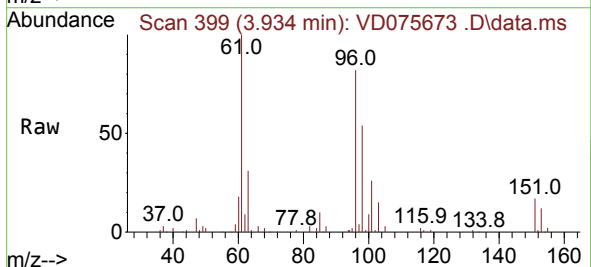
Instrument :
MSVOA_D
ClientSampleId :



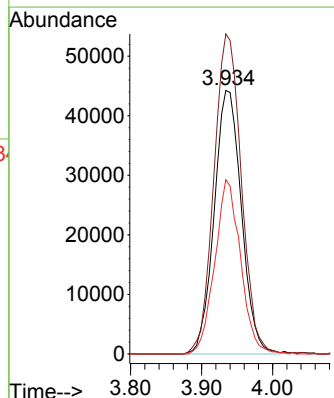
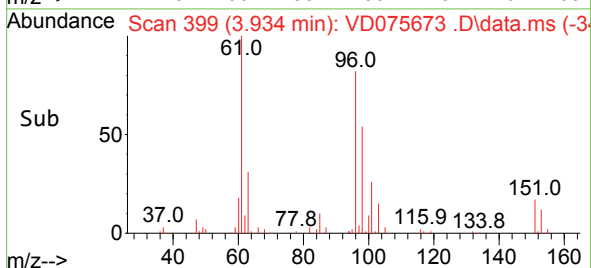
Tgt Ion: 59 Resp: 25249
Ion Ratio Lower Upper
59 100
57 9.9 0.0 0.0#

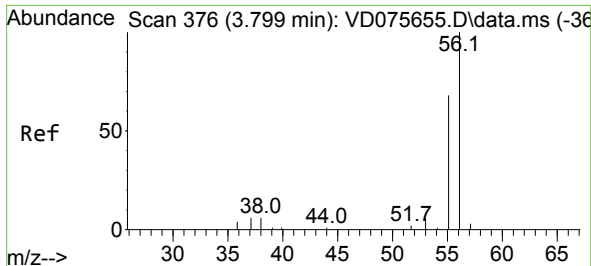


#12
1,1-Dichloroethene
Concen: 47.591 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24



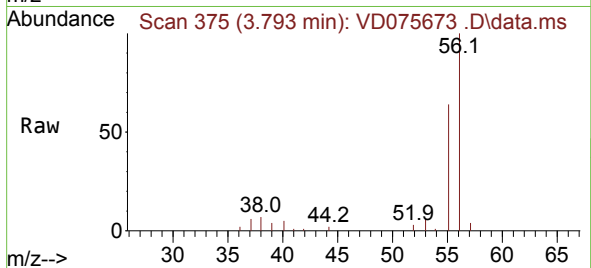
Tgt Ion: 96 Resp: 117583
Ion Ratio Lower Upper
96 100
61 121.4 118.6 177.8
98 66.1 49.7 74.5



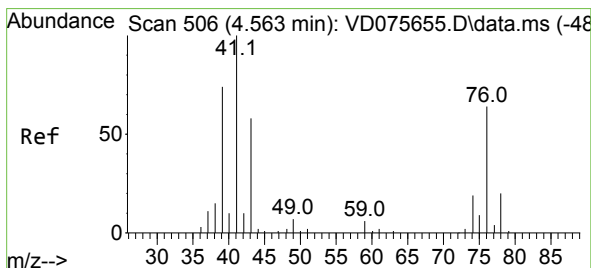
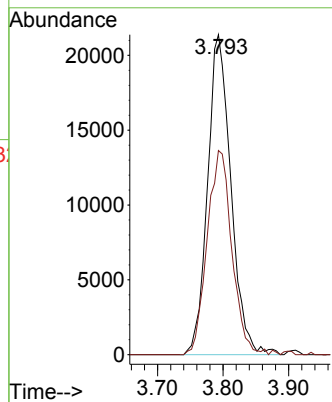
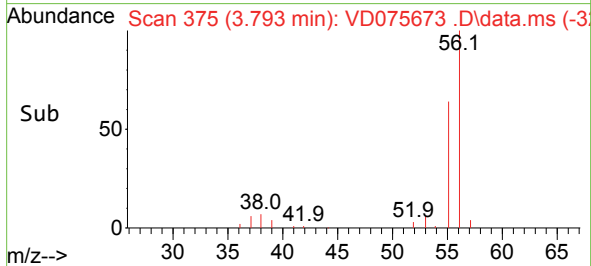


#13
Acrolein
Concen: 249.579 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :

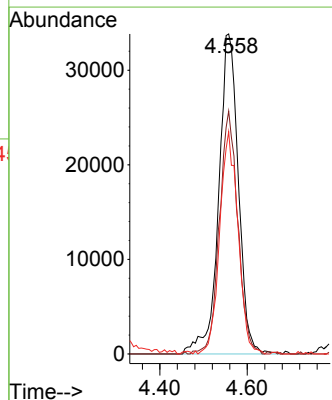
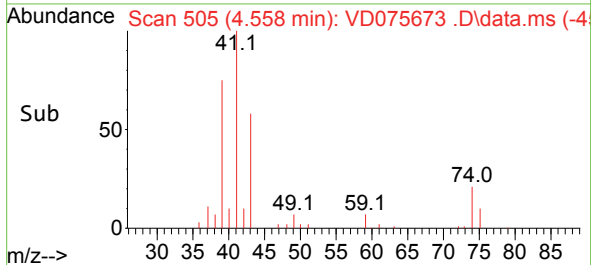
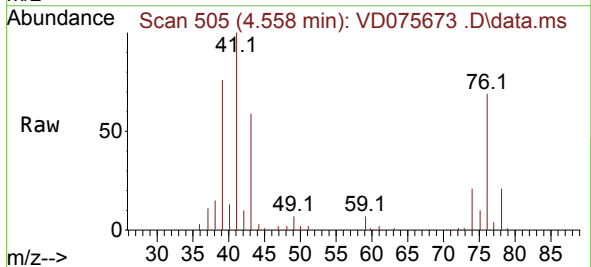


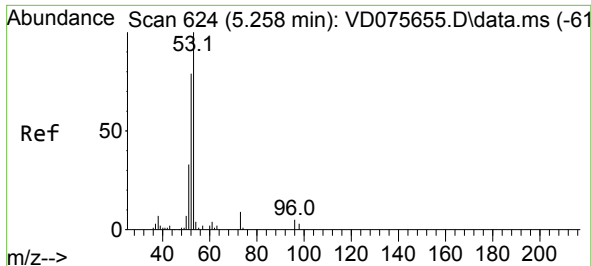
Tgt Ion: 56 Resp: 52900
Ion Ratio Lower Upper
56 100
55 67.4 53.9 80.9



#14
Allyl chloride
Concen: 46.888 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 41 Resp: 105503
Ion Ratio Lower Upper
41 100
39 70.9 60.6 90.8
76 64.6 28.6 43.0#

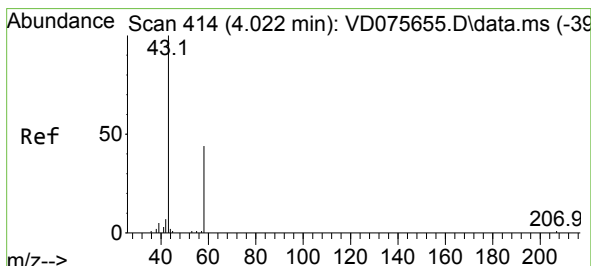
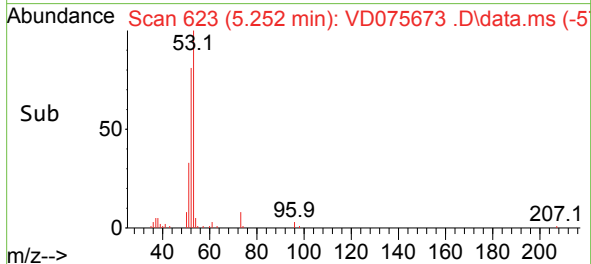
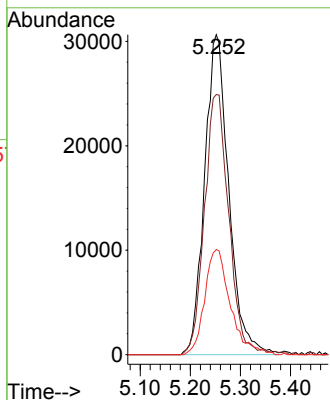
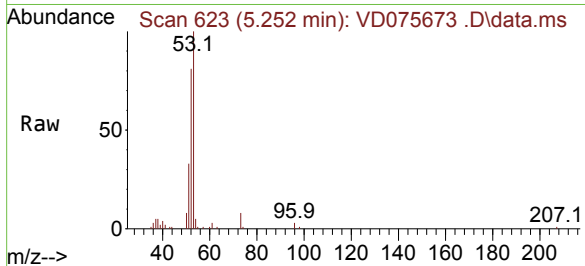




#15
Acrylonitrile
Concen: 232.232 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

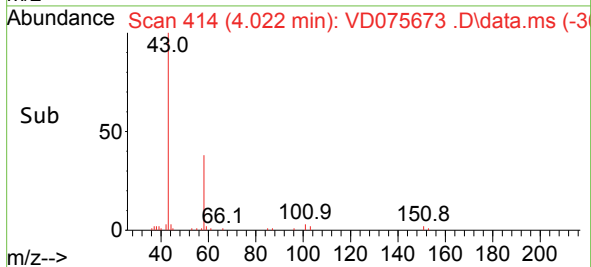
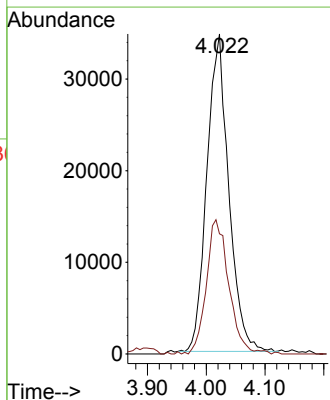
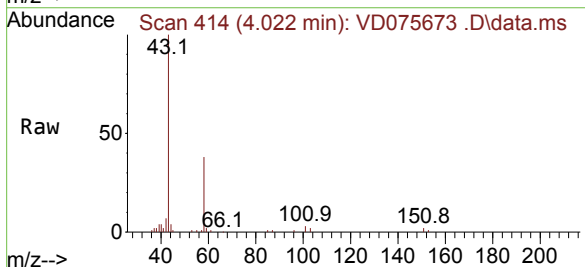
Instrument :
MSVOA_D
ClientSampleId :

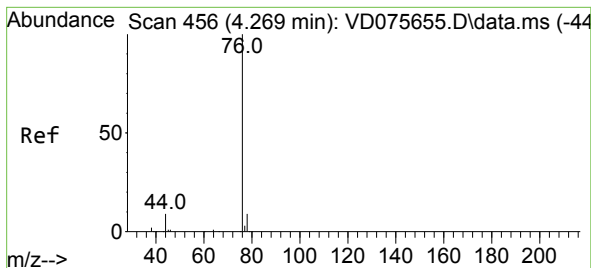
Tgt Ion: 53 Resp: 102727
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 34.8 30.7 46.1



#16
Acetone
Concen: 233.000 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

Tgt Ion: 43 Resp: 89374
Ion Ratio Lower Upper
43 100
58 37.4 24.4 36.6#





#17

Carbon Disulfide

Concen: 44.944 ug/l

RT: 4.263 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD075673 .D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

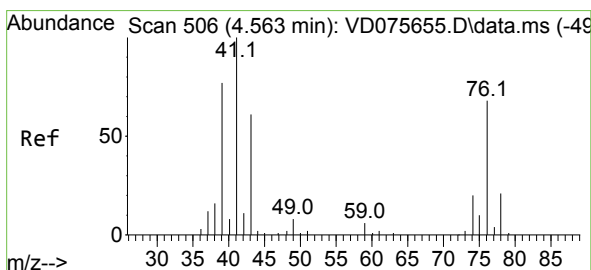
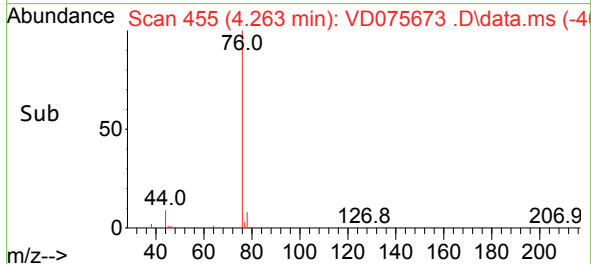
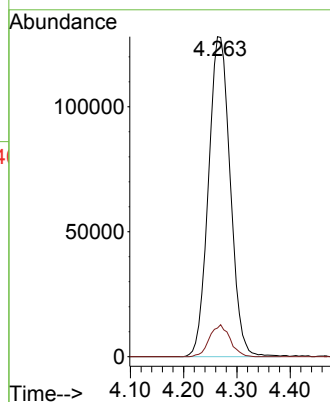
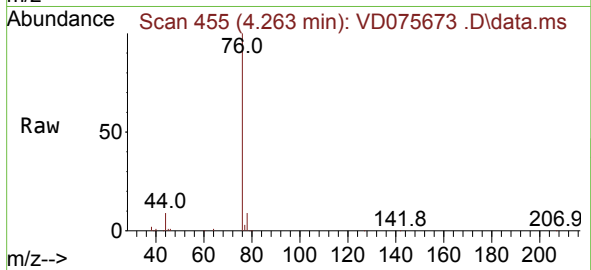
ClientSampleId :

Tgt Ion: 76 Resp: 363384

Ion Ratio Lower Upper

76 100

78 8.9 8.0 12.0



#18

Methyl Acetate

Concen: 45.759 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD075673 .D

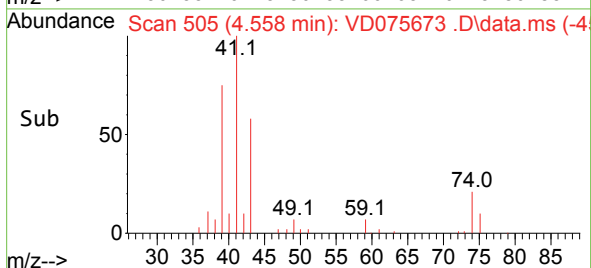
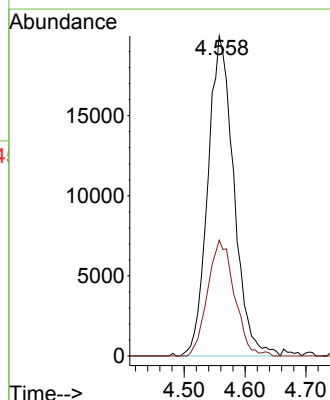
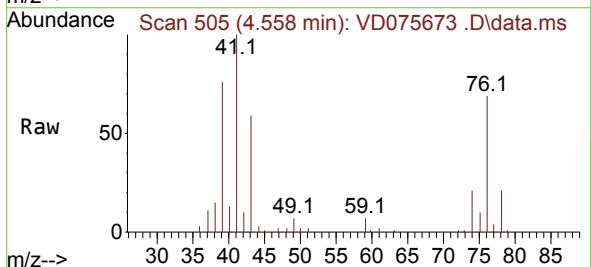
Acq: 14 Apr 2023 11:24

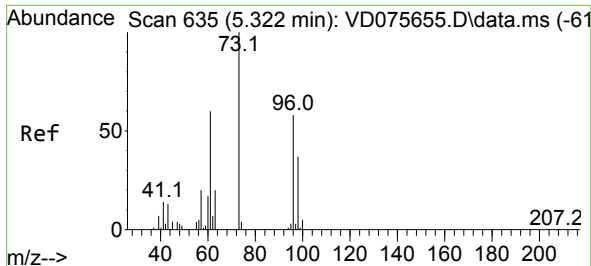
Tgt Ion: 43 Resp: 59189

Ion Ratio Lower Upper

43 100

74 37.4 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 47.473 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

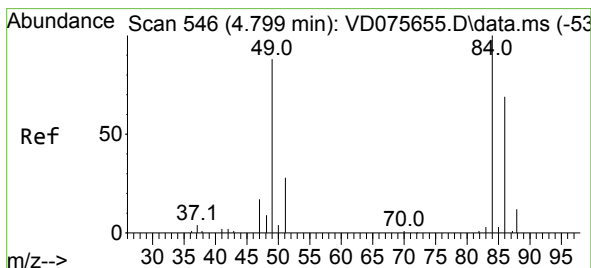
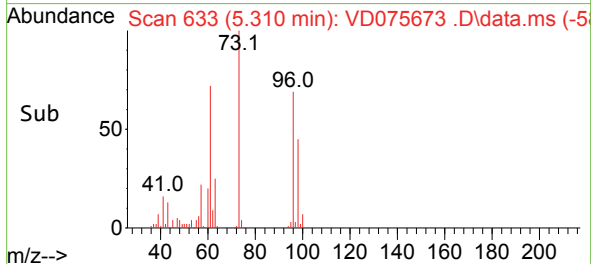
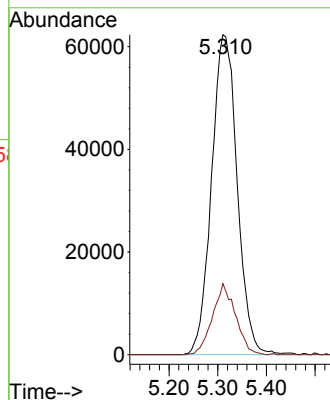
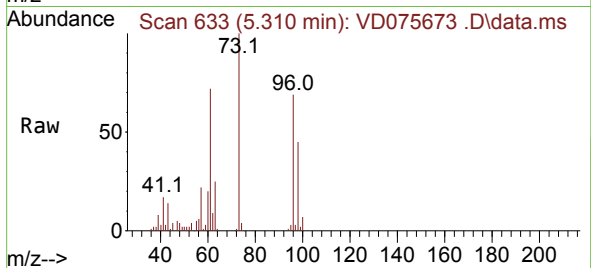
ClientSampleId :

Tgt Ion: 73 Resp: 227626

Ion Ratio Lower Upper

73 100

57 22.2 17.2 25.8



#20

Methylene Chloride

Concen: 46.803 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Tgt Ion: 84 Resp: 139743

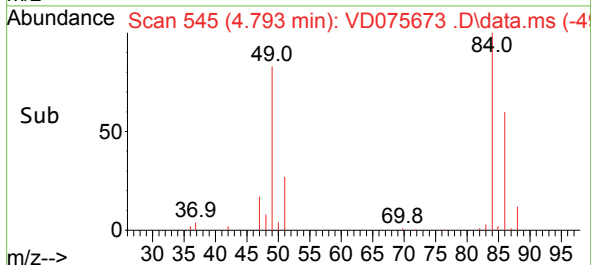
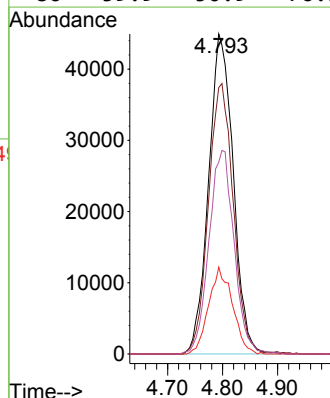
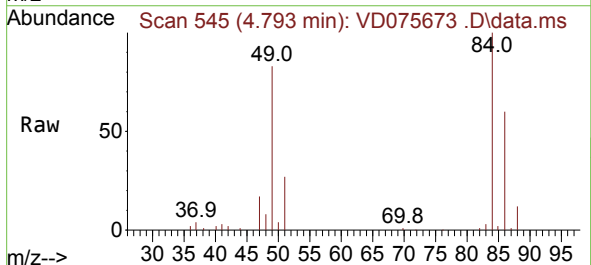
Ion Ratio Lower Upper

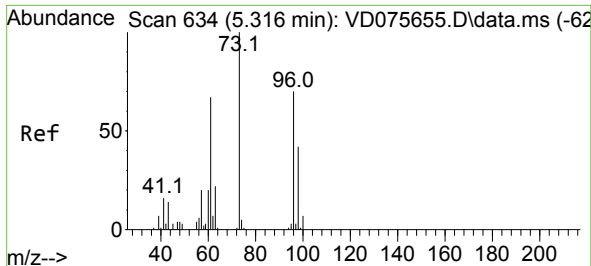
84 100

49 83.3 106.4 159.6#

51 27.1 32.4 48.6#

86 59.9 50.9 76.3

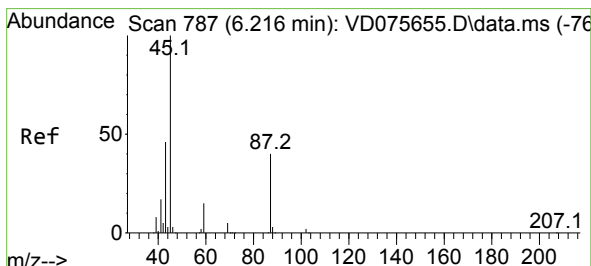
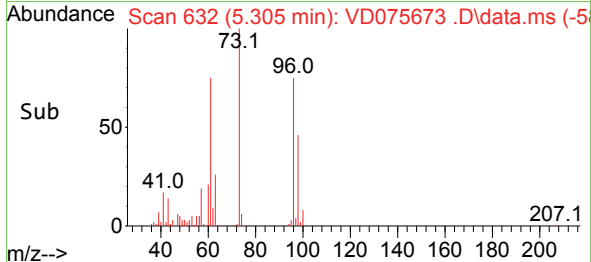
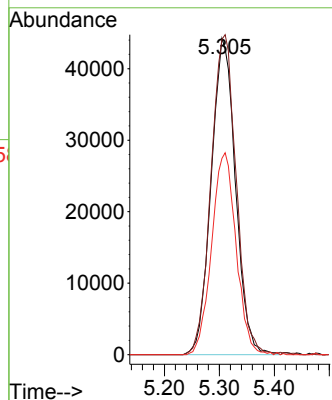
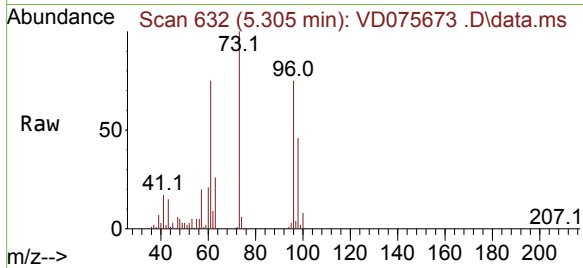




#21
trans-1,2-Dichloroethene
Concen: 46.143 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

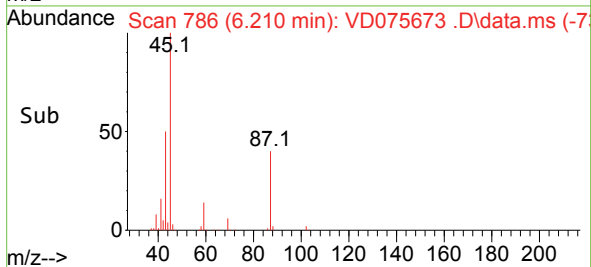
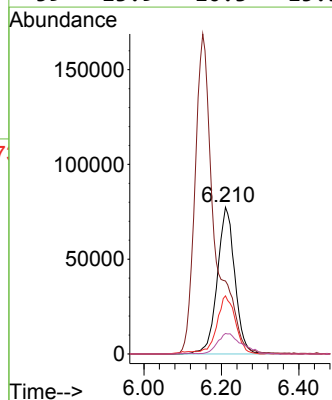
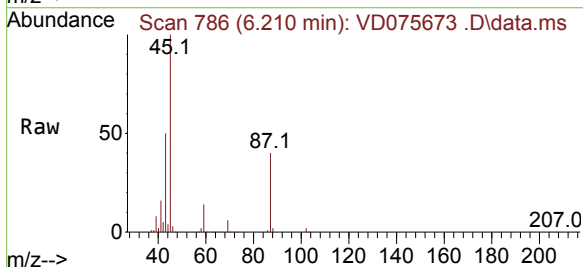
Instrument :
MSVOA_D
ClientSampleId :

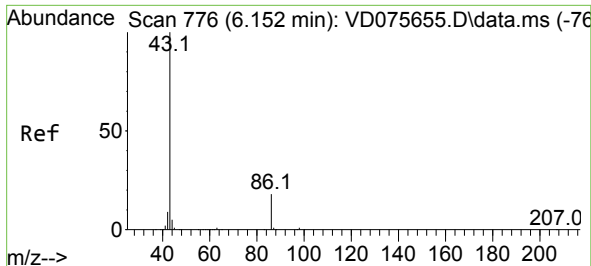
Tgt Ion: 96 Resp: 135779
Ion Ratio Lower Upper
96 100
61 99.7 117.2 175.8#
98 62.1 50.6 76.0



#22
Diisopropyl ether
Concen: 47.908 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

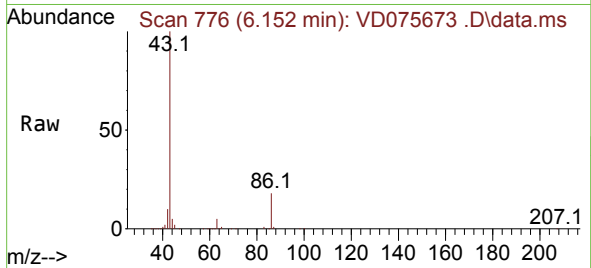
Tgt Ion: 45 Resp: 243587
Ion Ratio Lower Upper
45 100
43 49.1 44.4 66.6
87 39.4 20.9 31.3#
59 13.9 10.3 15.5



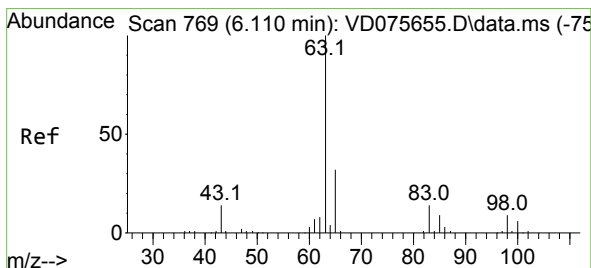
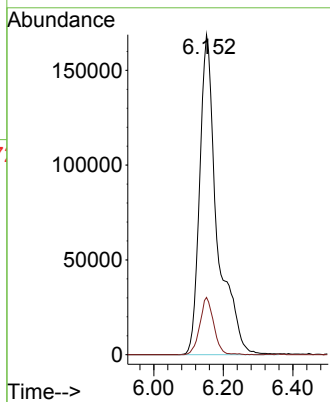
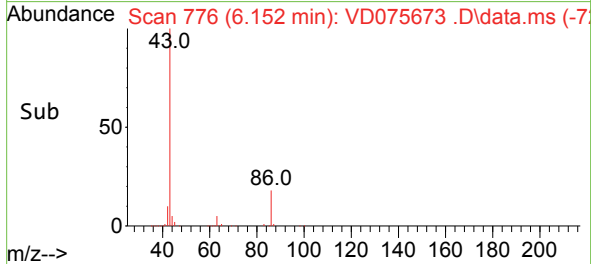


#23
 Vinyl Acetate
 Concen: 249.910 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Instrument :
 MSVOA_D
 ClientSampleId :

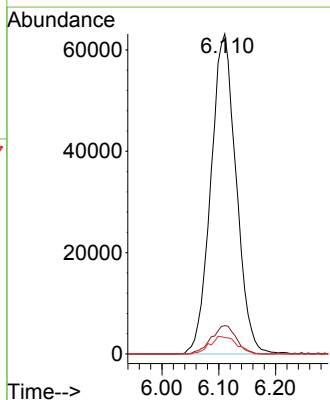
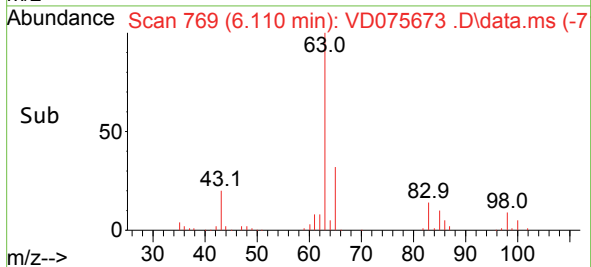
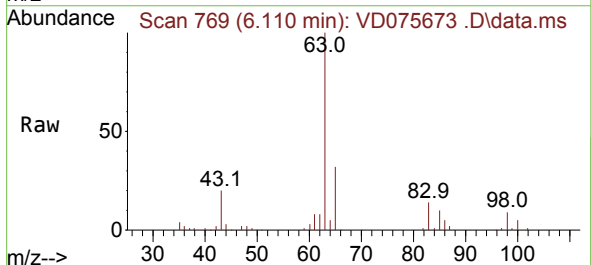


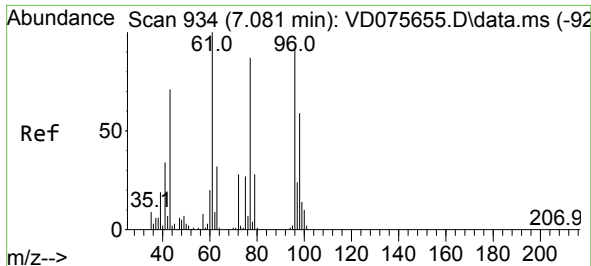
Tgt Ion: 43 Resp: 590201
 Ion Ratio Lower Upper
 43 100
 86 17.9 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 46.355 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion: 63 Resp: 195300
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.1 2.0 6.0

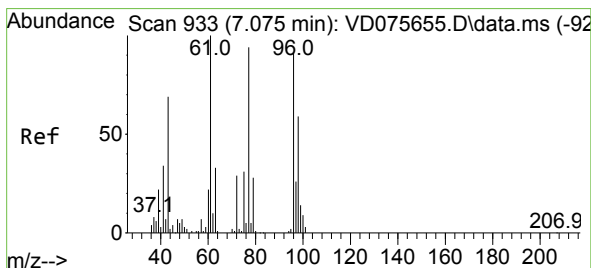
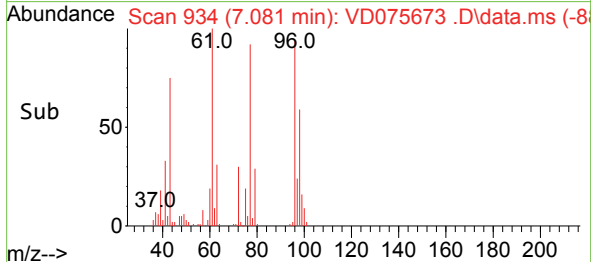
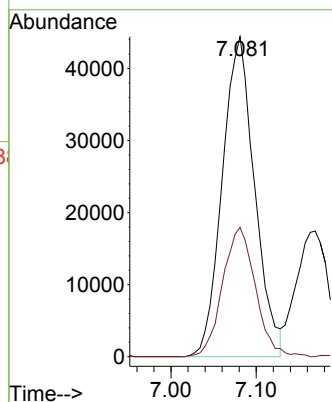
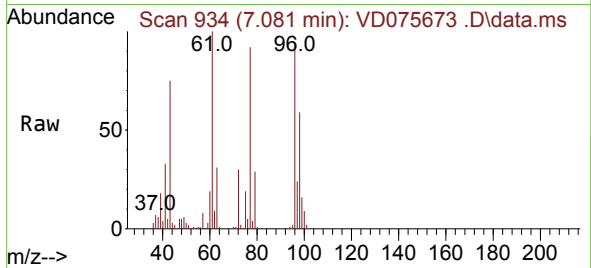




#25
2-Butanone
Concen: 237.180 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

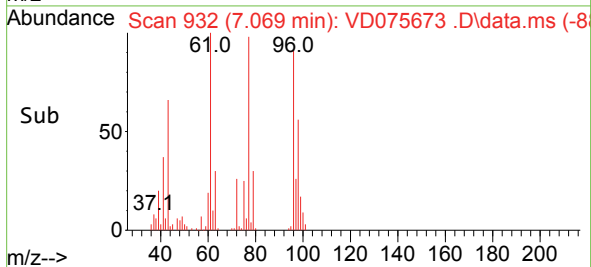
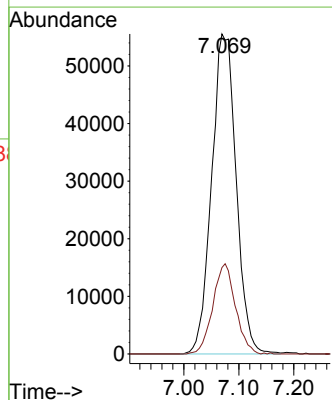
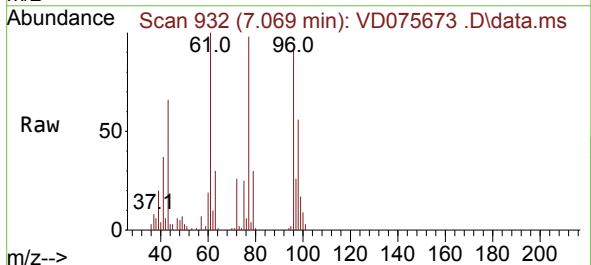
Instrument :
MSVOA_D
ClientSampleId :

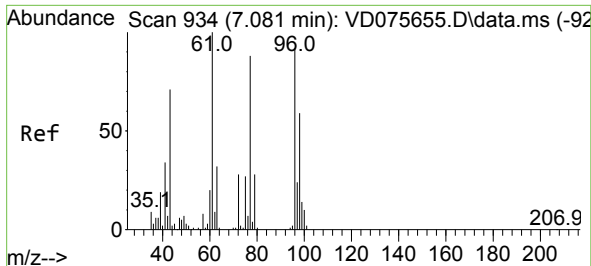
Tgt Ion: 43 Resp: 117138
Ion Ratio Lower Upper
43 100
72 40.4 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 45.096 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

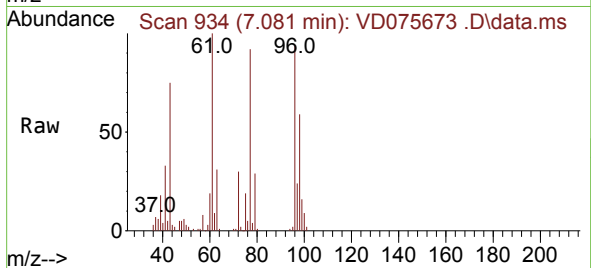
Tgt Ion: 77 Resp: 172248
Ion Ratio Lower Upper
77 100
97 26.0 11.1 33.1





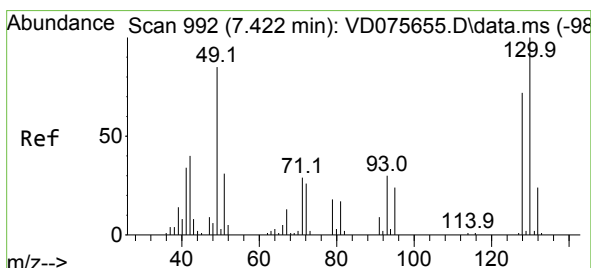
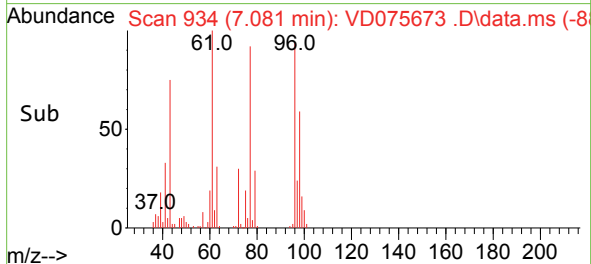
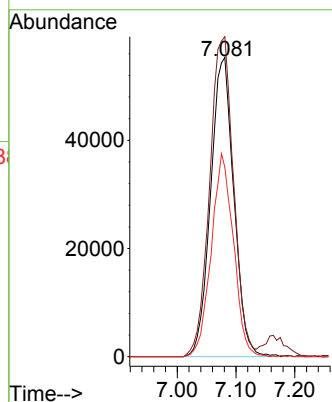
#27
 cis-1,2-Dichloroethene
 Concen: 46.574 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 151811

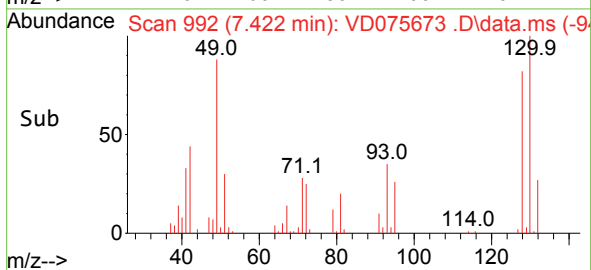
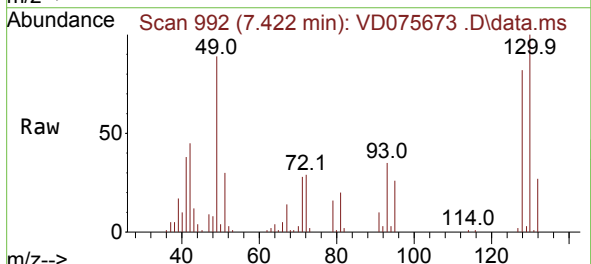
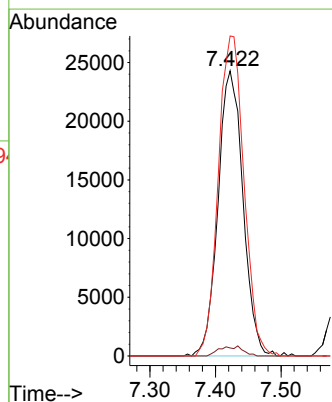
Ion	Ratio	Lower	Upper
96	100		
61	110.2	0.0	295.2
98	64.7	0.0	129.2

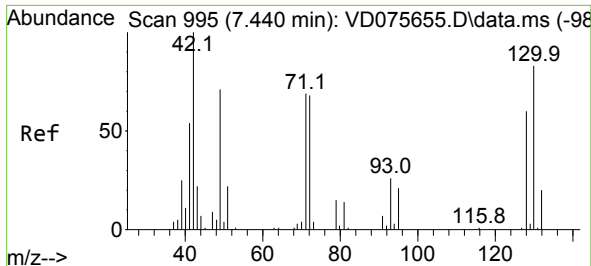


#28
 Bromochloromethane
 Concen: 48.085 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion: 49 Resp: 64040

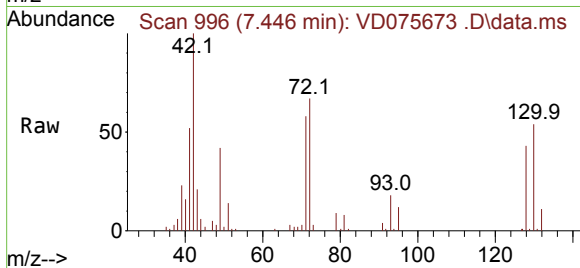
Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	2.2#
130	115.8	56.0	84.0#



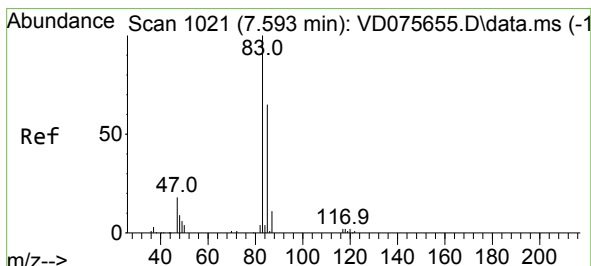
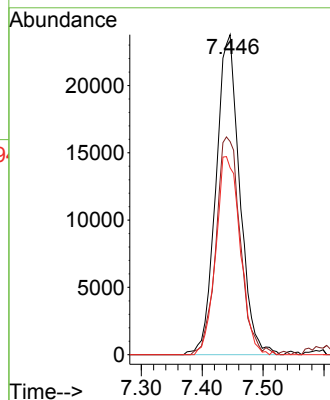
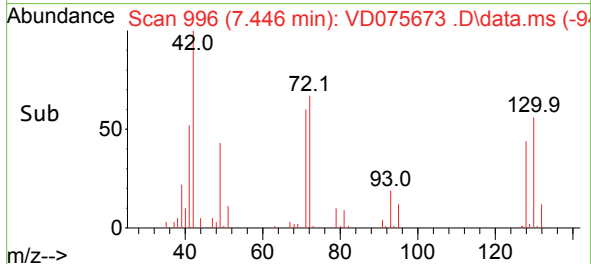


#29
Tetrahydrofuran
Concen: 238.646 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :

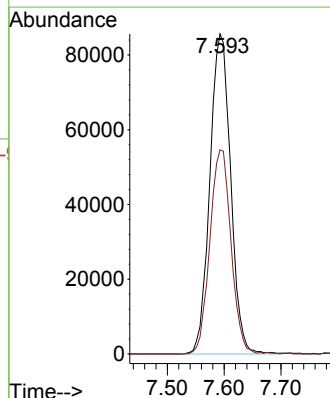
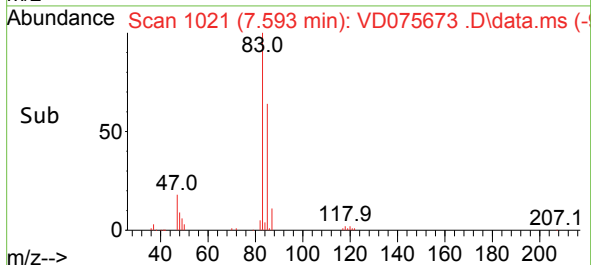
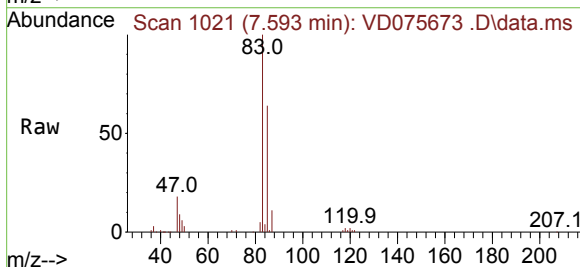


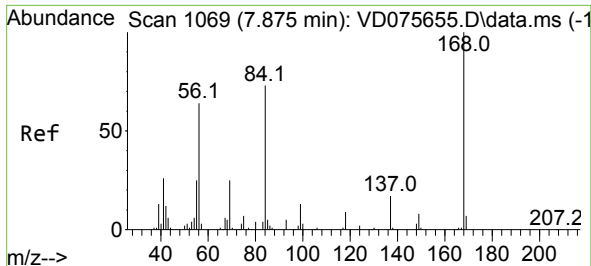
Tgt Ion: 42 Resp: 64454
Ion Ratio Lower Upper
42 100
72 69.3 31.8 47.6#
71 63.4 27.6 41.4#



#30
Chloroform
Concen: 45.419 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

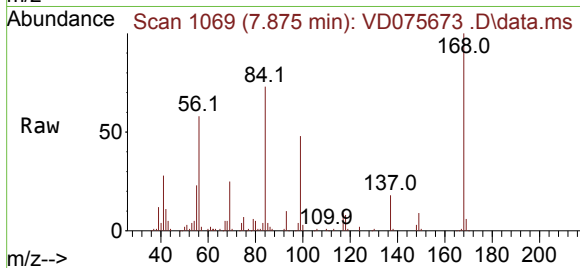
Tgt Ion: 83 Resp: 216932
Ion Ratio Lower Upper
83 100
85 63.8 49.4 74.2



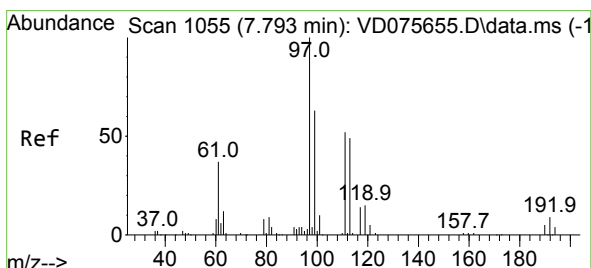
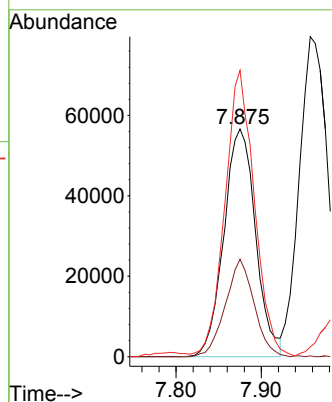
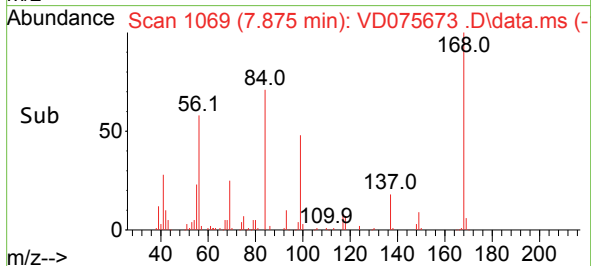


#31
Cyclohexane
Concen: 44.677 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :

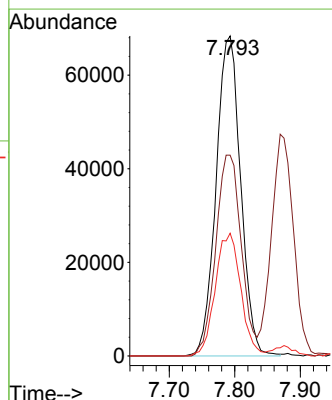
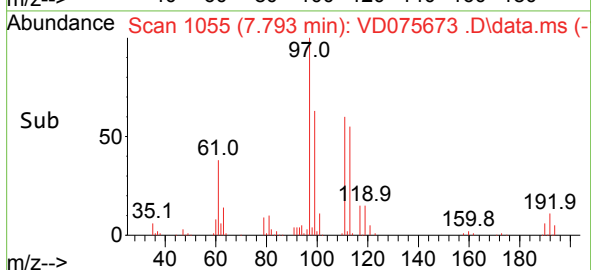
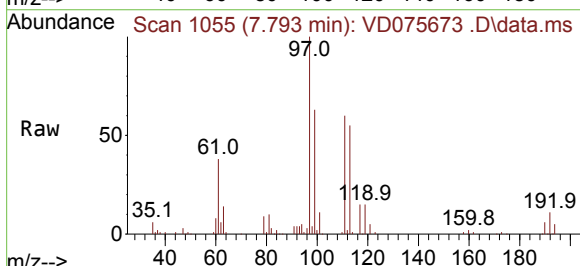


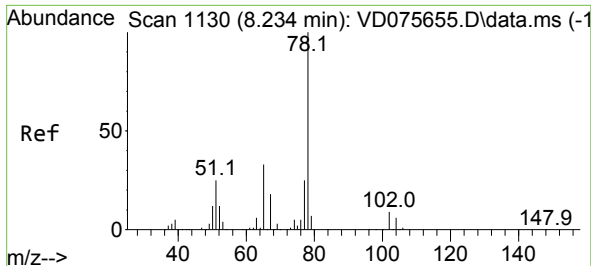
Tgt Ion: 56 Resp: 146791
Ion Ratio Lower Upper
56 100
69 42.8 25.5 38.3#
84 124.4 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 45.667 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 97 Resp: 177852
Ion Ratio Lower Upper
97 100
99 65.2 50.5 75.7
61 39.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 43.913 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

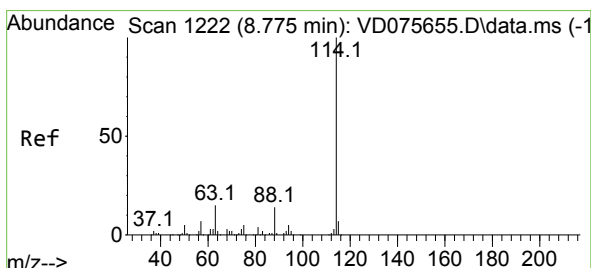
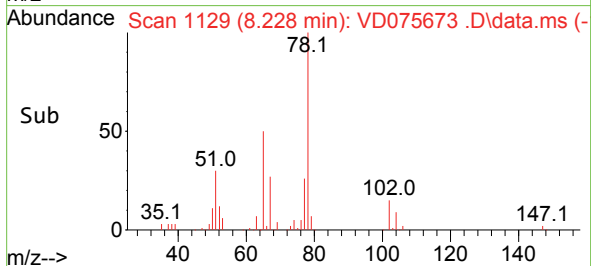
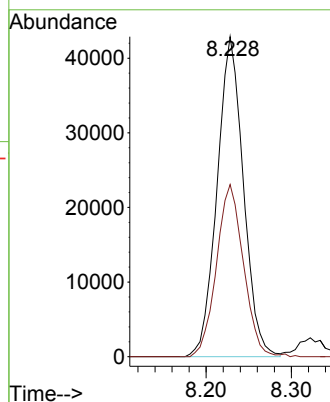
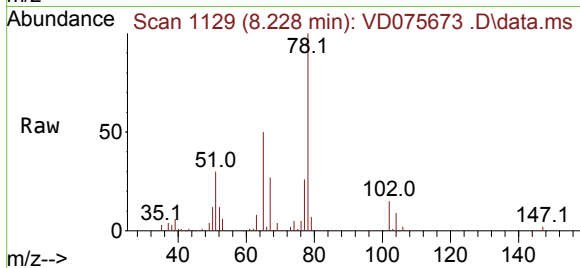
ClientSampleId :

Tgt Ion: 65 Resp: 91945

Ion Ratio Lower Upper

65 100

67 55.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

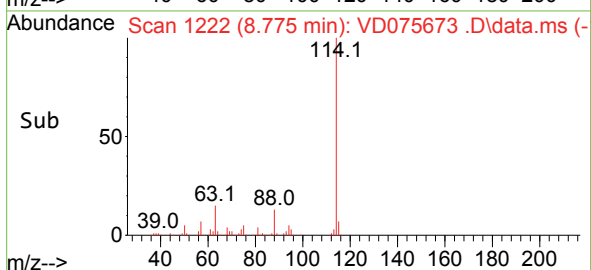
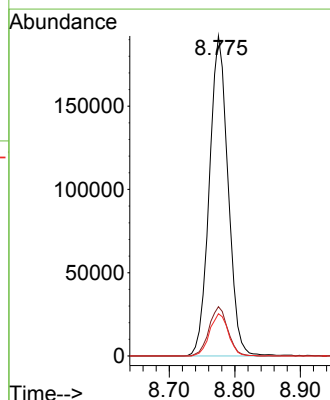
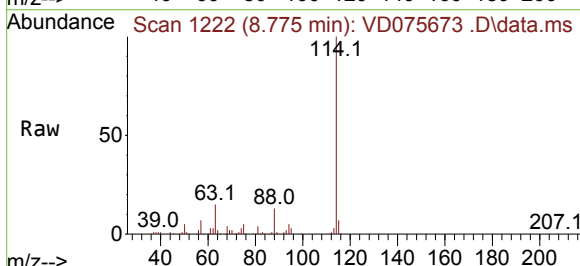
Tgt Ion:114 Resp: 380793

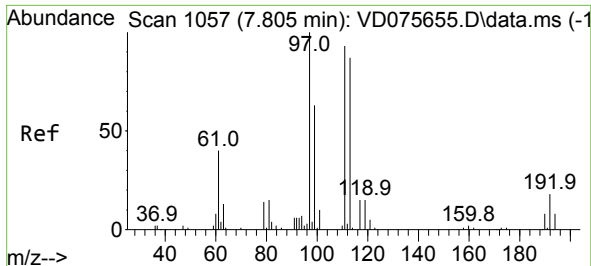
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

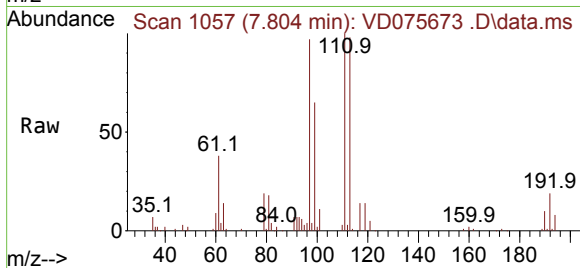
88 13.2 0.0 30.6



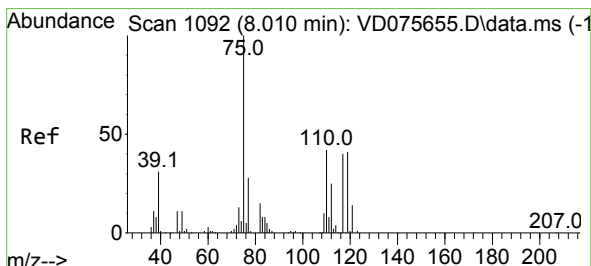
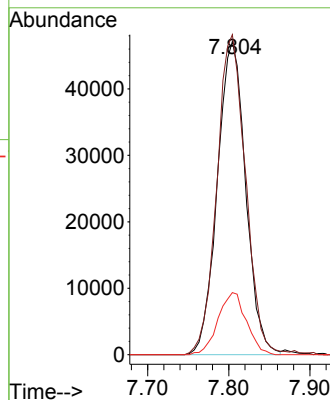
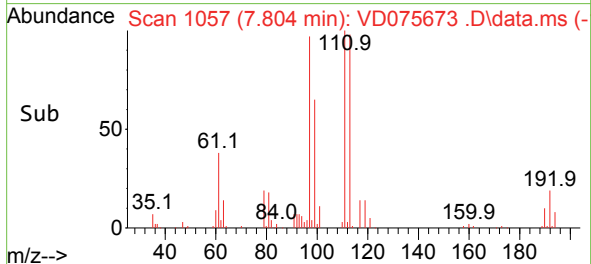


#35
Dibromofluoromethane
Concen: 44.558 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

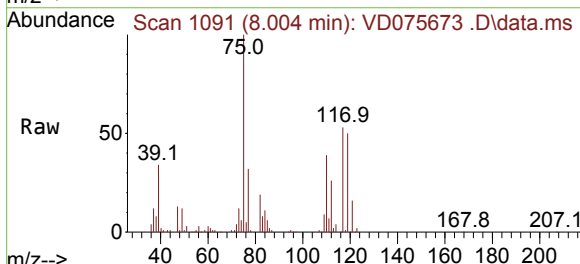
Instrument :
MSVOA_D
ClientSampleId :



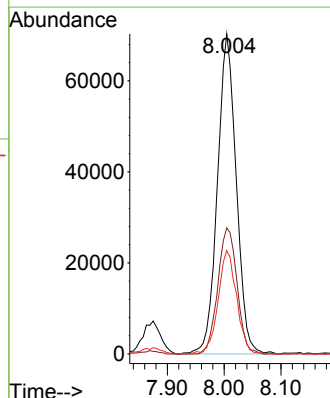
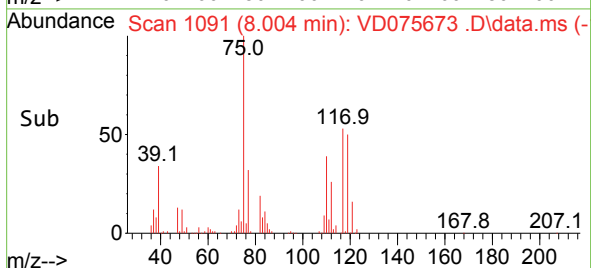
Tgt Ion:113 Resp: 114122
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 19.8 15.2 22.8

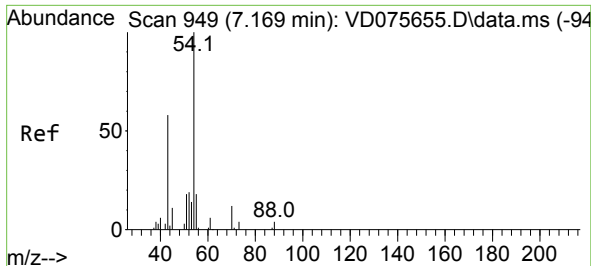


#36
1,1-Dichloropropene
Concen: 45.869 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24



Tgt Ion: 75 Resp: 162074
Ion Ratio Lower Upper
75 100
110 40.1 17.1 51.2
77 31.7 24.6 36.8





#37

Ethyl Acetate

Concen: 44.676 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

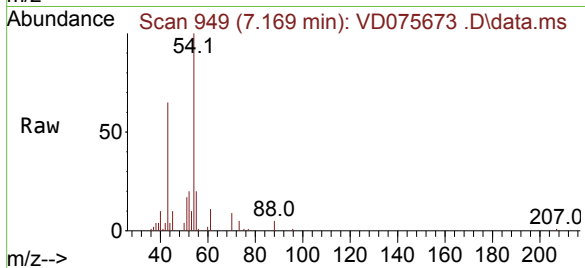
Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

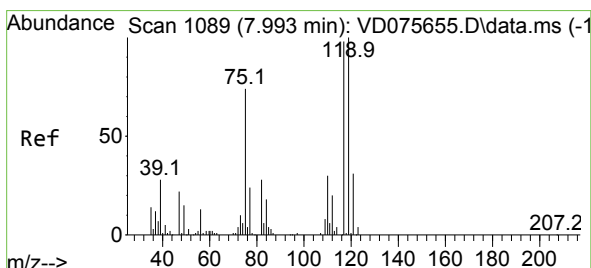
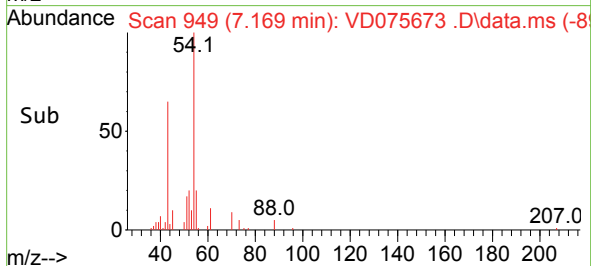
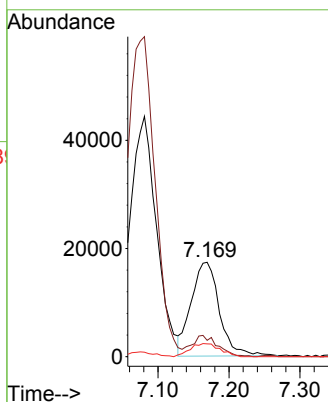
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	48040
Ion	Ratio	Lower	Upper
43	100		
61	20.8	0.0	0.0#
70	14.8	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 47.216 ug/l

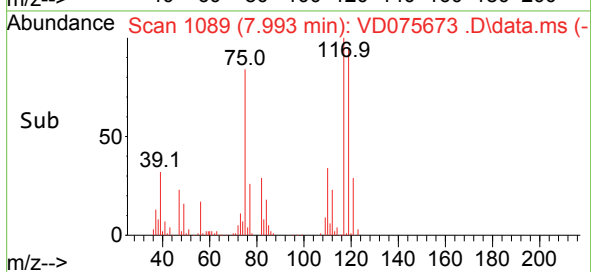
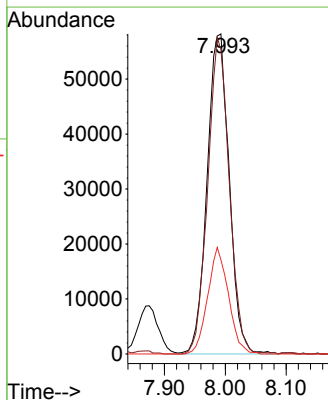
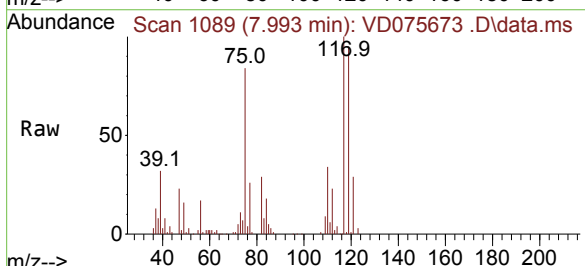
RT: 7.993 min Scan# 1089

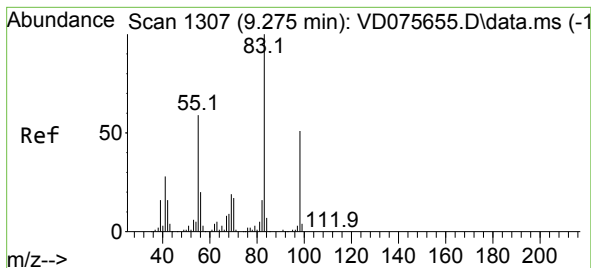
Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Tgt Ion:	117	Resp:	146914
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.7	112.1
121	29.4	25.9	38.9





#39

Methylcyclohexane

Concen: 48.913 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

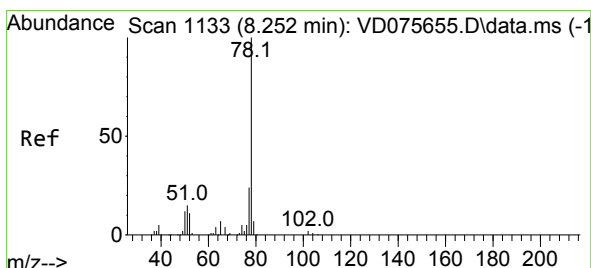
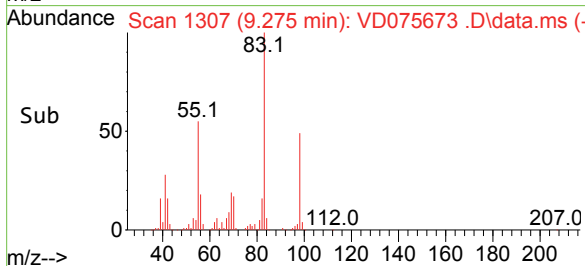
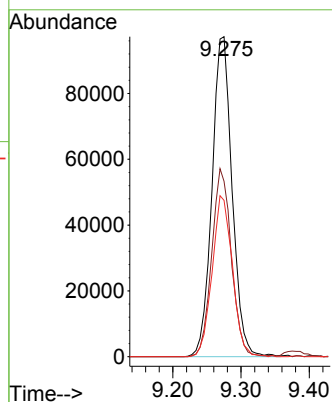
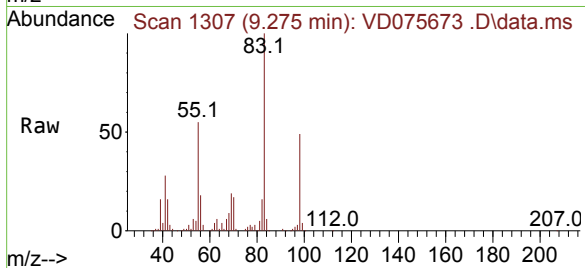
Tgt Ion: 83 Resp: 199852

Ion Ratio Lower Upper

83 100

55 54.8 56.8 85.2#

98 48.9 38.9 58.3



#40

Benzene

Concen: 45.497 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075673.D

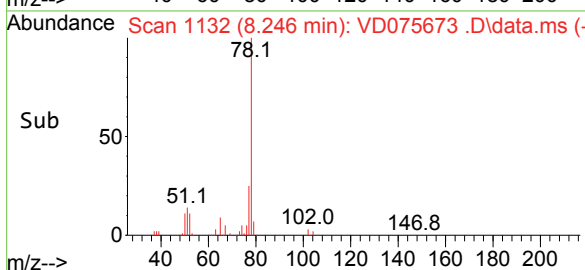
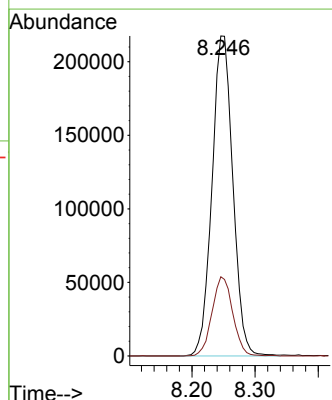
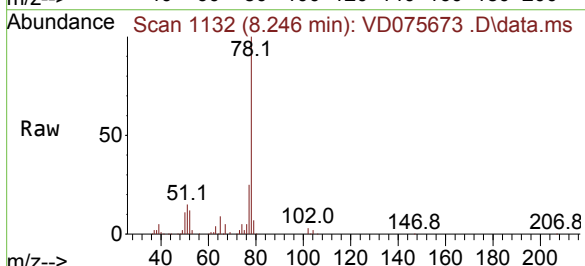
Acq: 14 Apr 2023 11:24

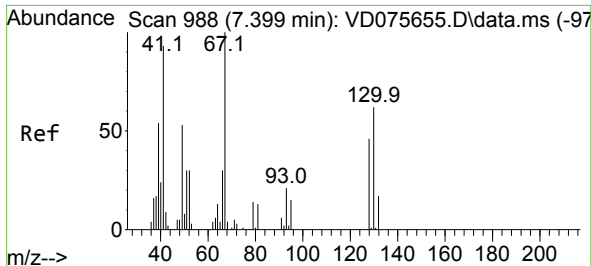
Tgt Ion: 78 Resp: 499748

Ion Ratio Lower Upper

78 100

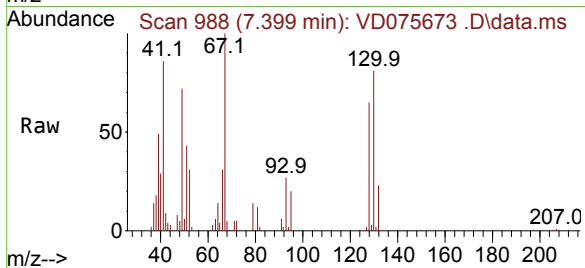
77 24.8 19.1 28.7



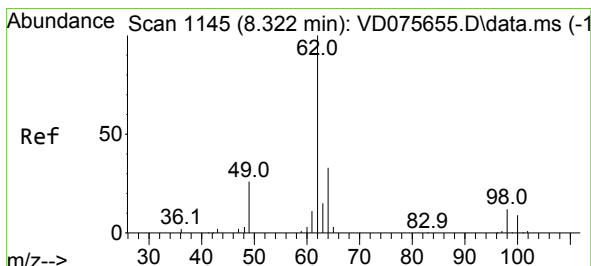
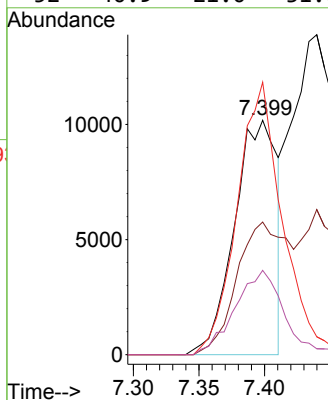
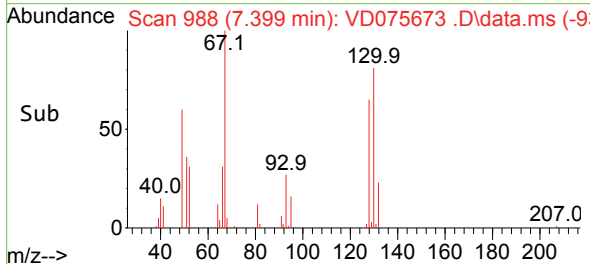


#41
Methacrylonitrile
Concen: 44.632 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :

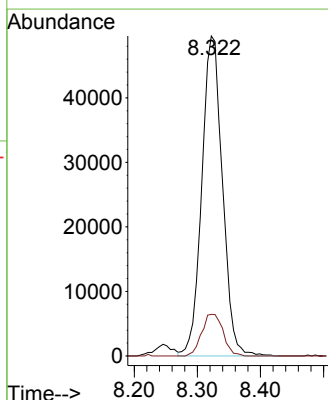
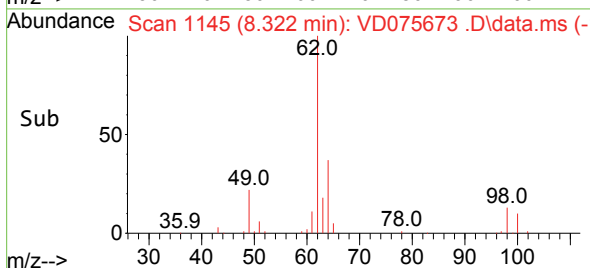
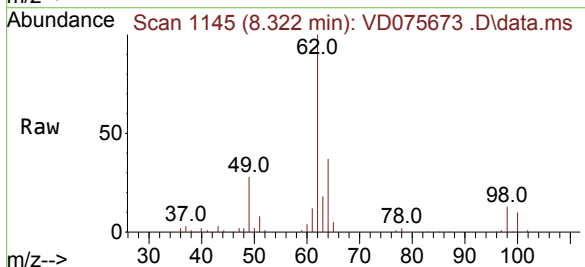


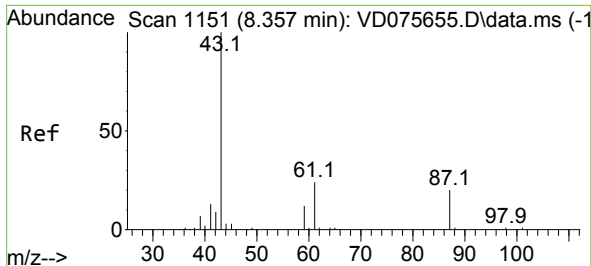
Tgt Ion:	41	Resp:	23031
Ion	Ratio	Lower	Upper
41	100		
39	69.2	45.3	67.9#
67	123.1	50.5	75.7#
52	40.9	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 45.235 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075673 .D
Acq: 14 Apr 2023 11:24

Tgt Ion:	62	Resp:	112860
Ion	Ratio	Lower	Upper
62	100		
98	13.5	0.0	18.8

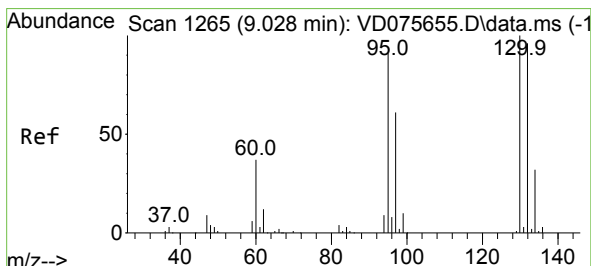
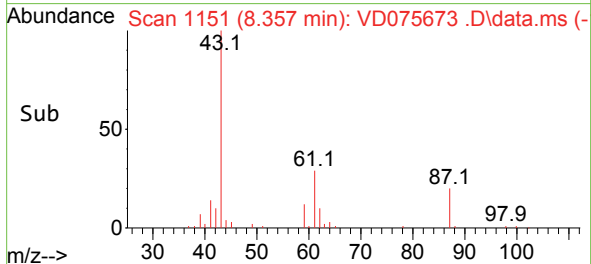
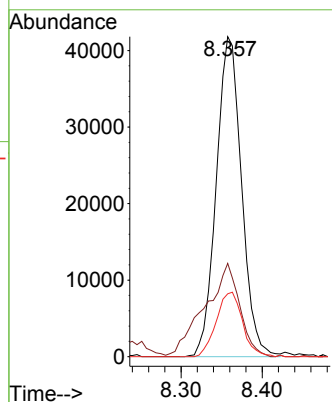
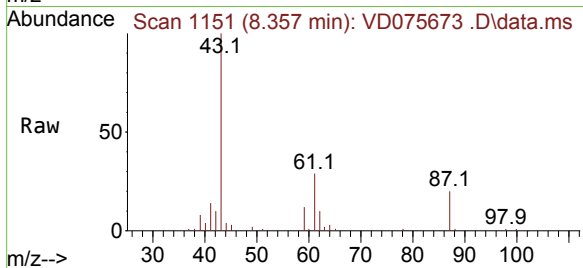




#43
Isopropyl Acetate
Concen: 46.174 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

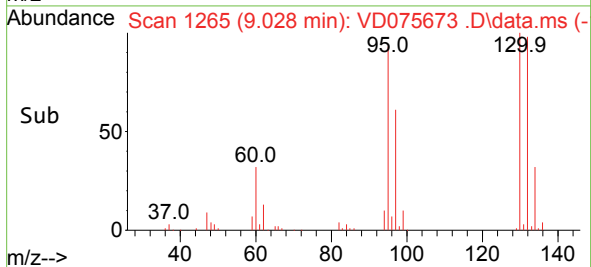
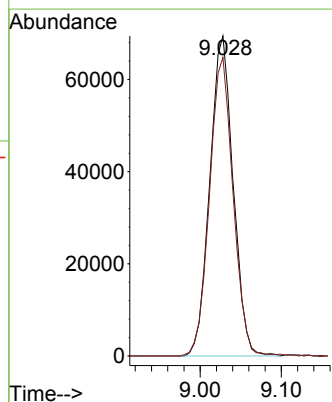
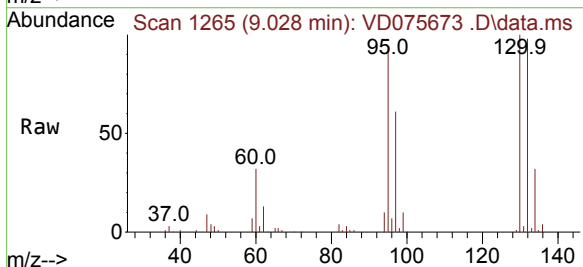
Instrument :
MSVOA_D
ClientSampleId :

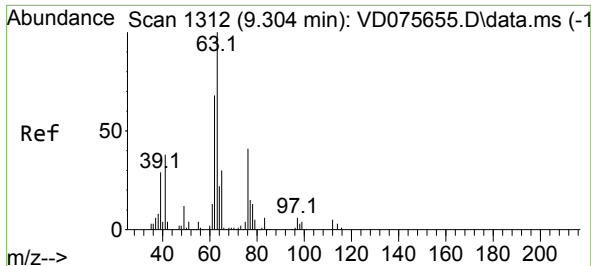
Tgt Ion: 43 Resp: 90539
Ion Ratio Lower Upper
43 100
61 40.2 23.4 35.0#
87 21.0 9.5 14.3#



#44
Trichloroethene
Concen: 44.612 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion:130 Resp: 138684
Ion Ratio Lower Upper
130 100
95 93.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 45.142 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

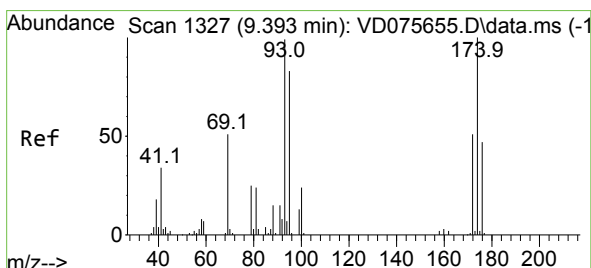
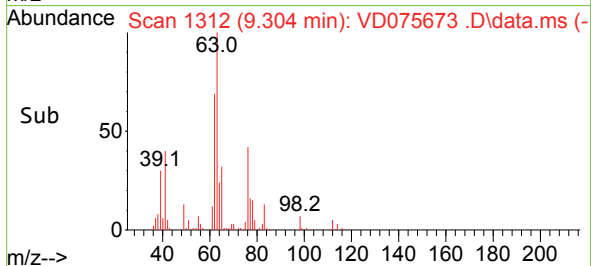
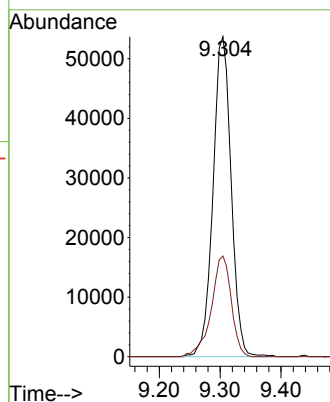
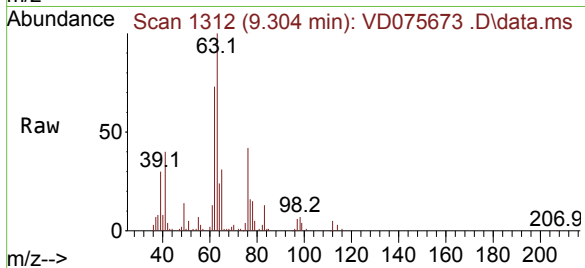
ClientSampleId :

Tgt Ion: 63 Resp: 111119

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.4



#46

Dibromomethane

Concen: 44.573 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

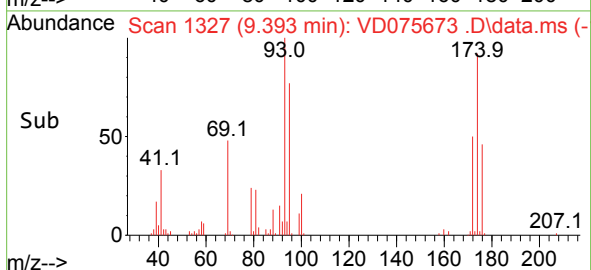
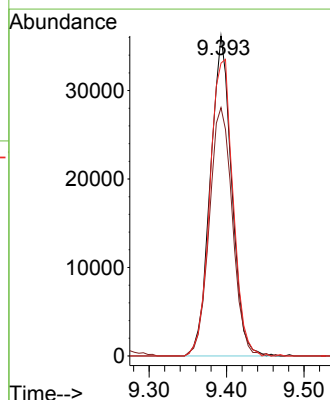
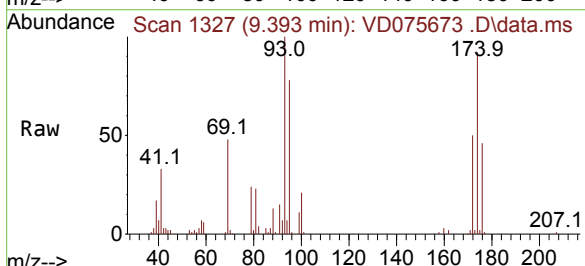
Tgt Ion: 93 Resp: 69605

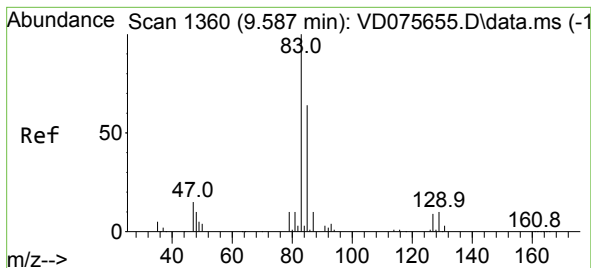
Ion Ratio Lower Upper

93 100

95 83.6 64.5 96.7

174 99.8 76.2 114.4





#47

Bromodichloromethane

Concen: 45.832 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

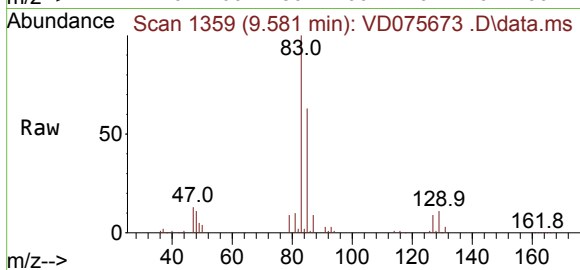
Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :



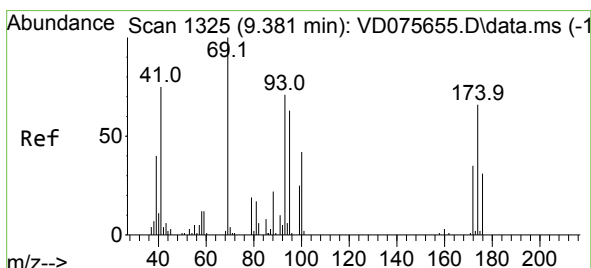
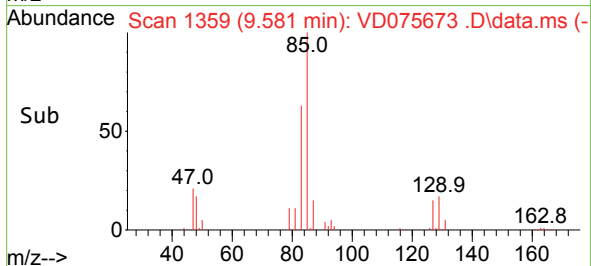
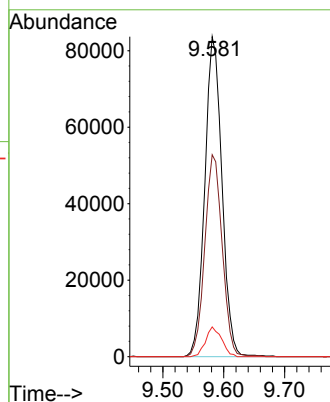
Tgt Ion: 83 Resp: 163713

Ion Ratio Lower Upper

83 100

85 63.1 53.7 80.5

127 9.3 7.0 10.6



#48

Methyl methacrylate

Concen: 47.302 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

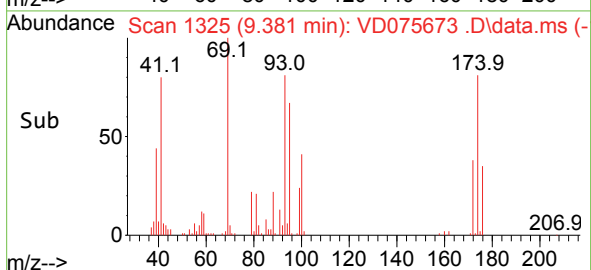
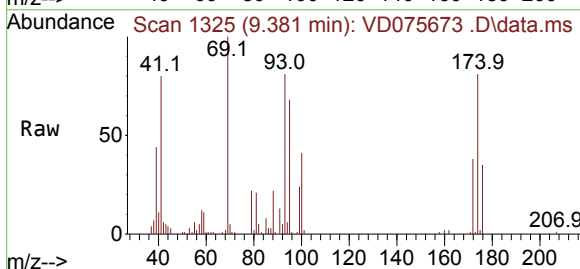
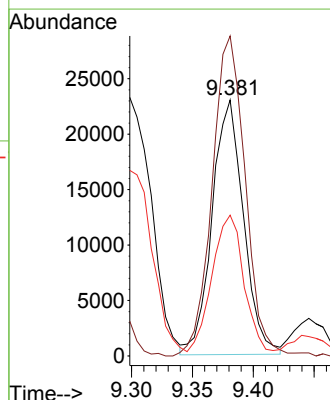
Tgt Ion: 41 Resp: 41323

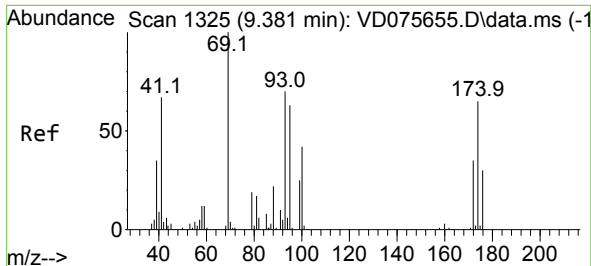
Ion Ratio Lower Upper

41 100

69 132.6 58.6 88.0#

39 54.3 53.4 80.0





#49

1,4-Dioxane

Concen: 958.681 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

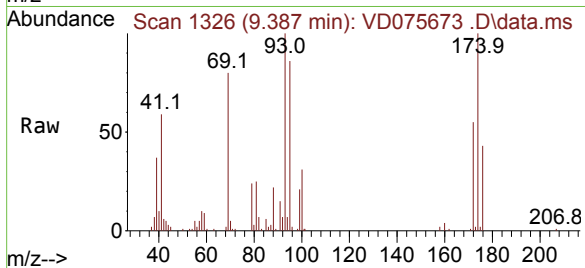
Lab File: VD075673 .D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :



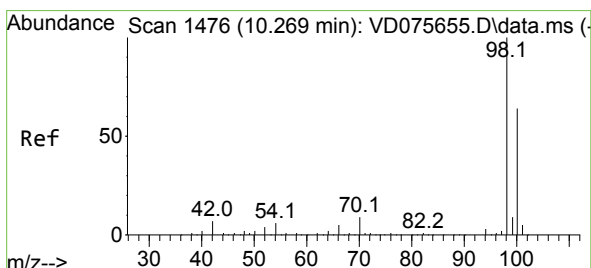
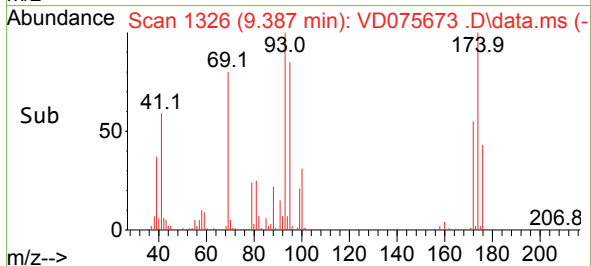
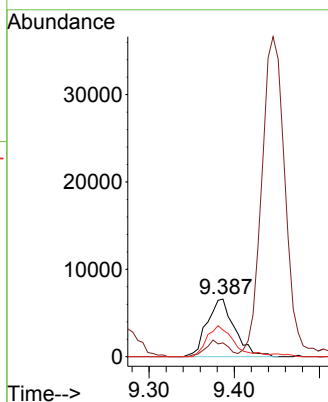
Tgt Ion: 88 Resp: 14853

Ion Ratio Lower Upper

88 100

43 22.4 34.6 51.8#

58 52.0 58.0 87.0#



#50

Toluene-d8

Concen: 44.547 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075673 .D

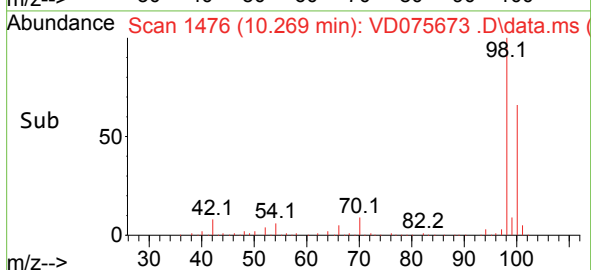
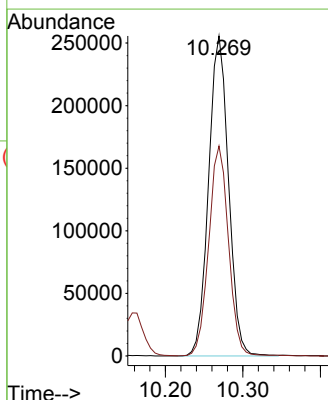
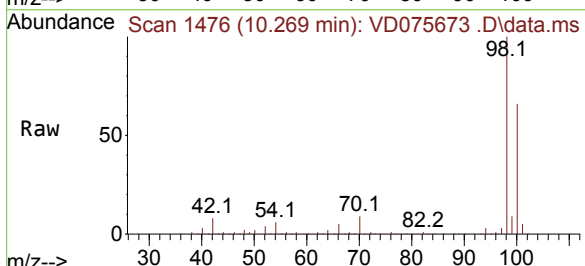
Acq: 14 Apr 2023 11:24

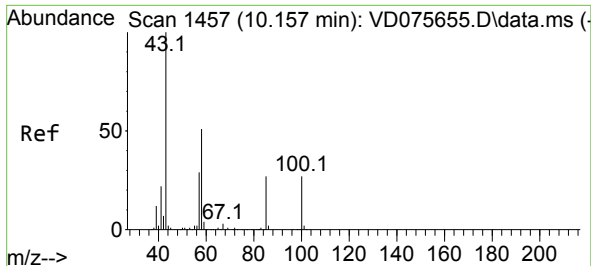
Tgt Ion: 98 Resp: 456896

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

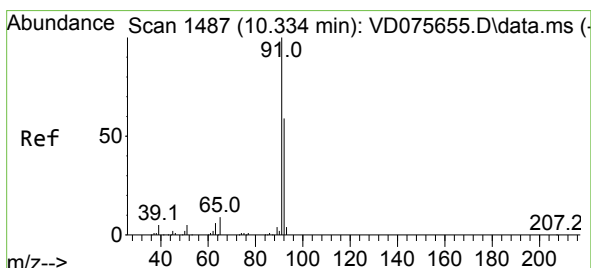
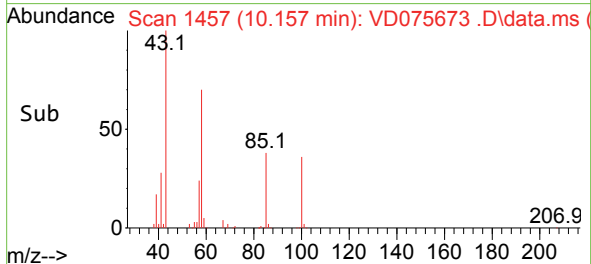
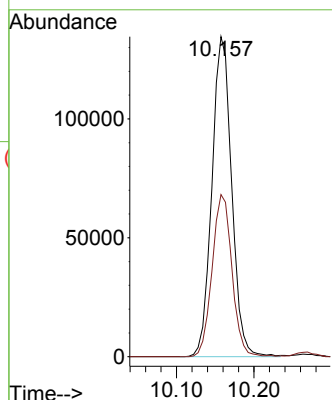
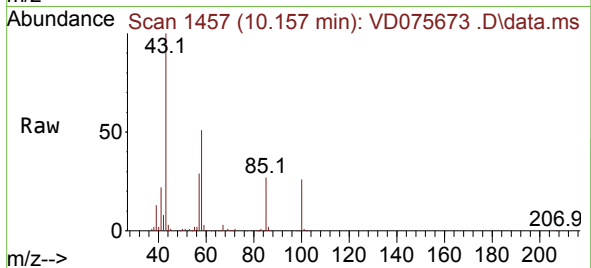




#51
4-Methyl-2-Pentanone
Concen: 227.863 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

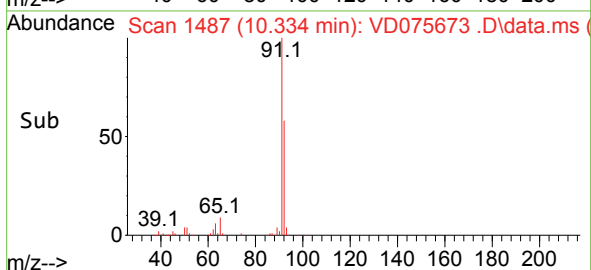
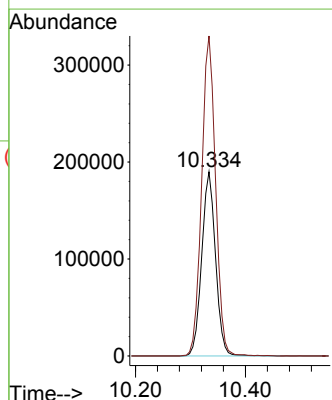
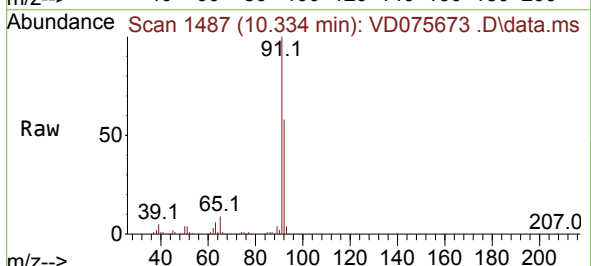
Instrument :
MSVOA_D
ClientSampleId :

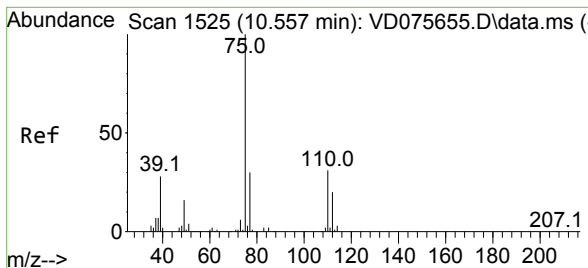
Tgt Ion: 43 Resp: 238222
Ion Ratio Lower Upper
43 100
58 50.9 29.5 44.3#



#52
Toluene
Concen: 45.279 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 92 Resp: 330717
Ion Ratio Lower Upper
92 100
91 175.8 136.5 204.7

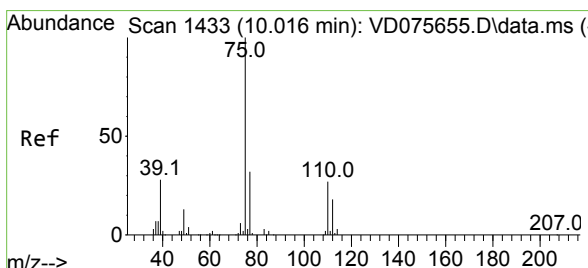
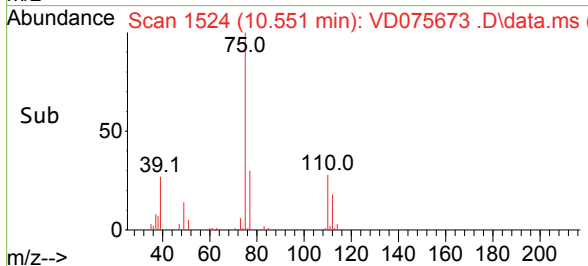
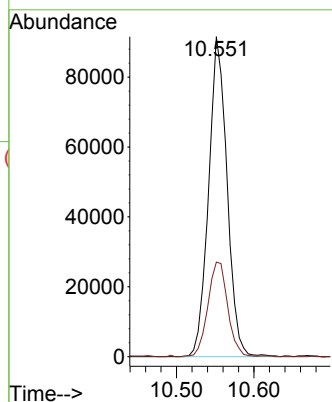
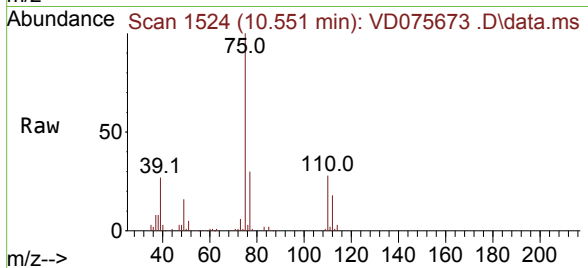




#53
 t-1,3-Dichloropropene
 Concen: 44.232 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

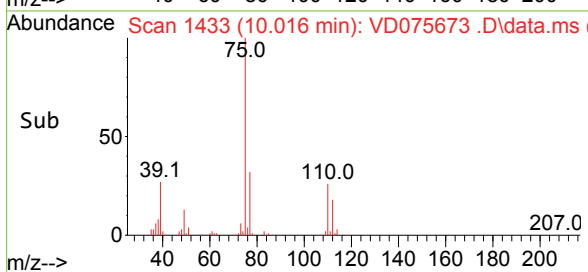
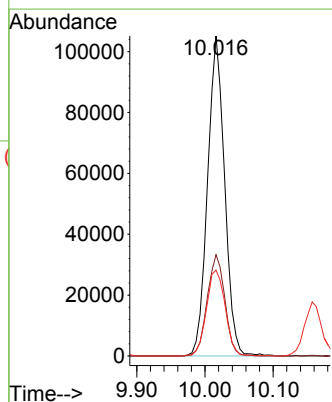
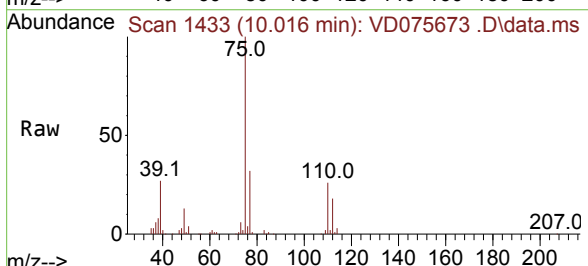
Instrument :
 MSVOA_D
 ClientSampleId :

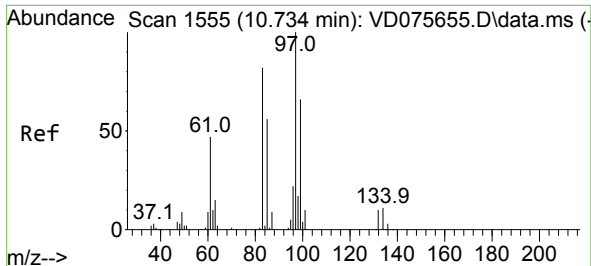
Tgt Ion: 75 Resp: 151459
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 45.046 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion: 75 Resp: 183266
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 26.8 44.8 67.2#

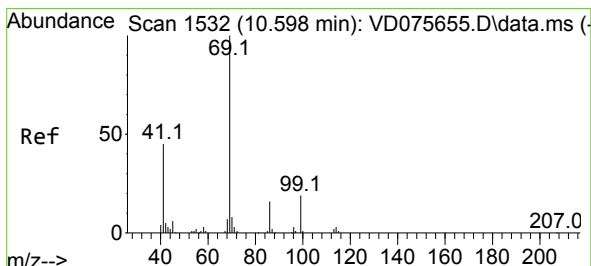
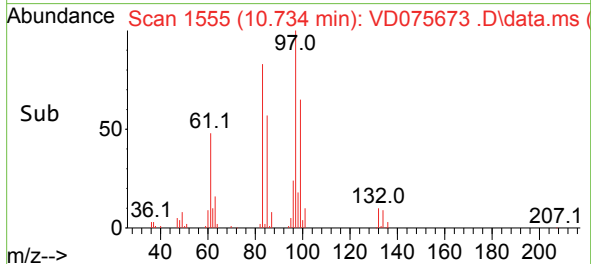
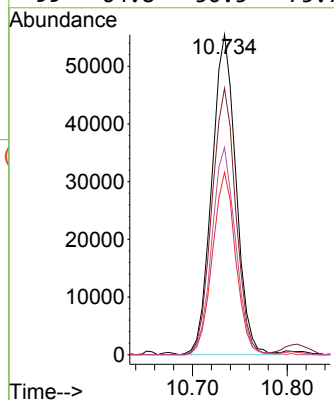
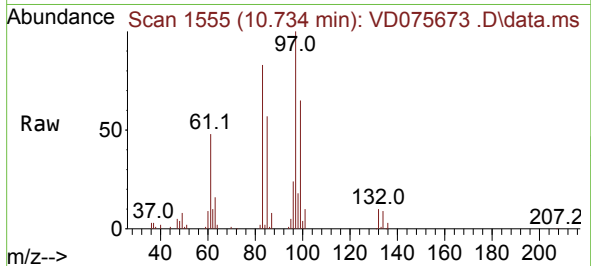




#55
1,1,2-Trichloroethane
Concen: 43.399 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

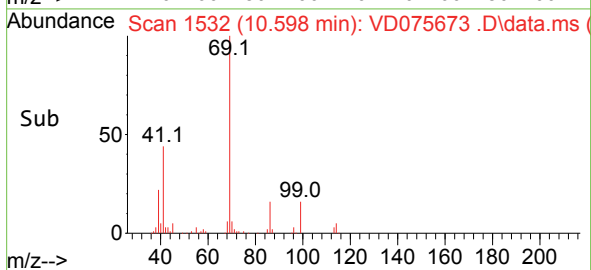
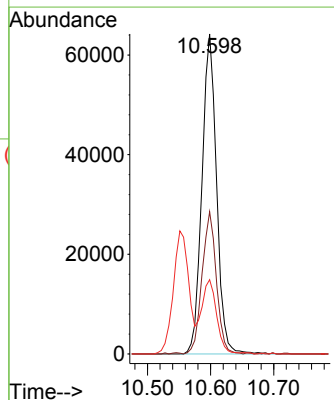
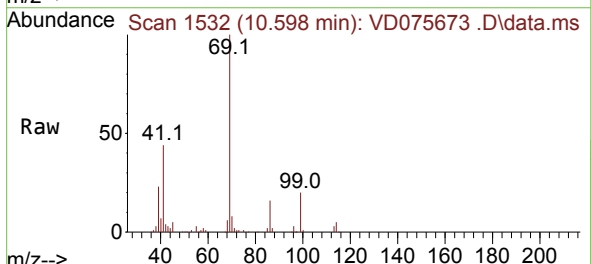
Instrument :
MSVOA_D
ClientSampleId :

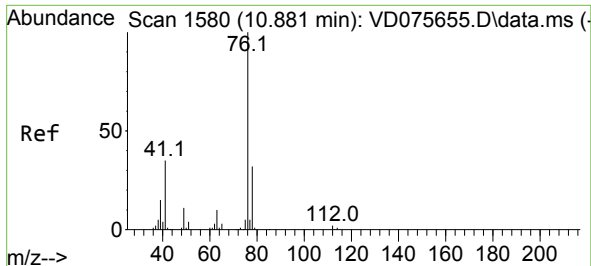
Tgt Ion:	97	Resp:	98126
Ion	Ratio	Lower	Upper
97	100		
83	83.2	74.2	111.4
85	57.0	45.4	68.0
99	64.8	50.5	75.7



#56
Ethyl methacrylate
Concen: 46.453 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion:	69	Resp:	103365
Ion	Ratio	Lower	Upper
69	100		
41	43.5	59.3	88.9#
39	23.6	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 44.734 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

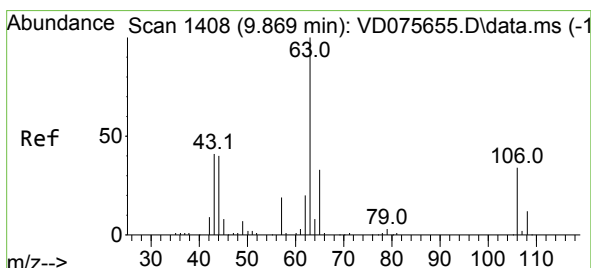
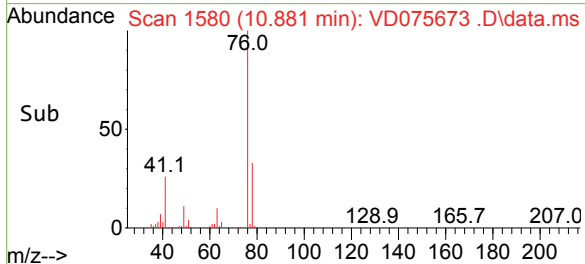
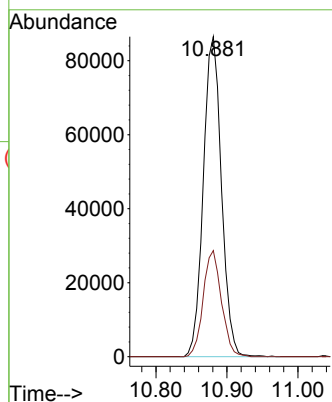
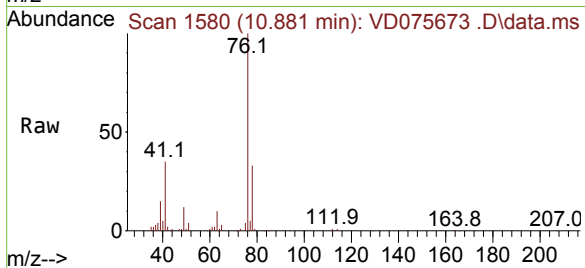
ClientSampleId :

Tgt Ion: 76 Resp: 153555

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.319 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075673.D

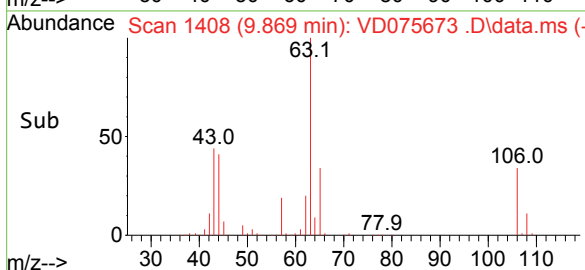
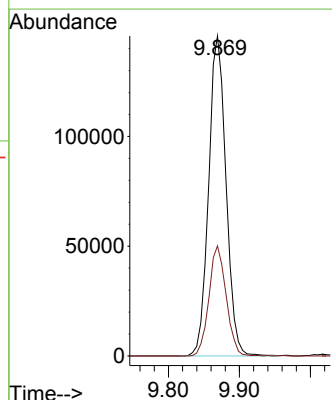
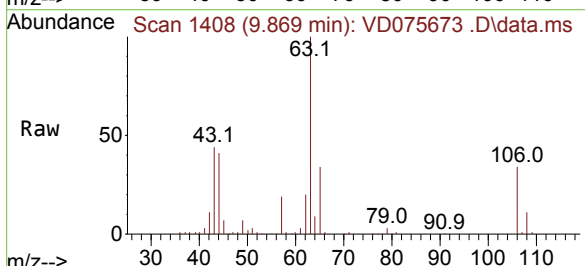
Acq: 14 Apr 2023 11:24

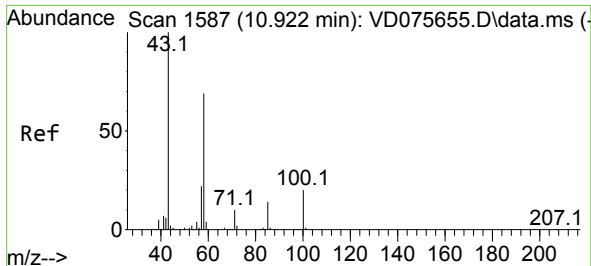
Tgt Ion: 63 Resp: 247810

Ion Ratio Lower Upper

63 100

106 34.1 21.4 32.2#

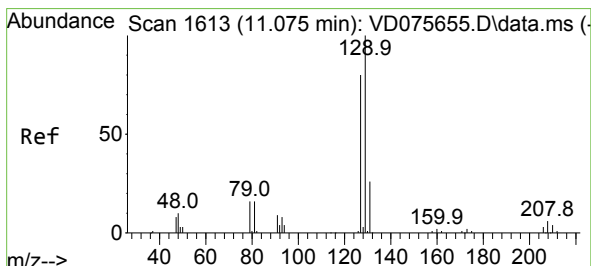
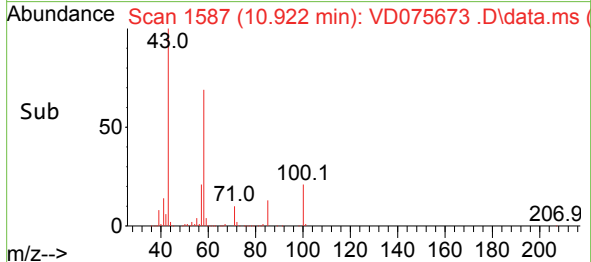
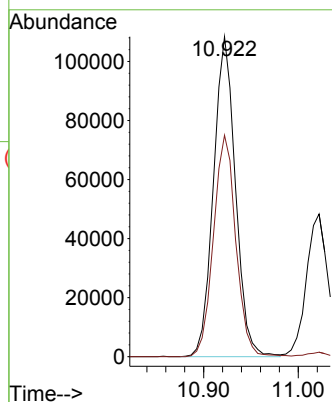
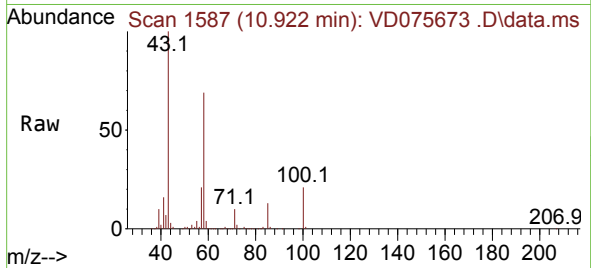




#59
2-Hexanone
Concen: 237.945 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

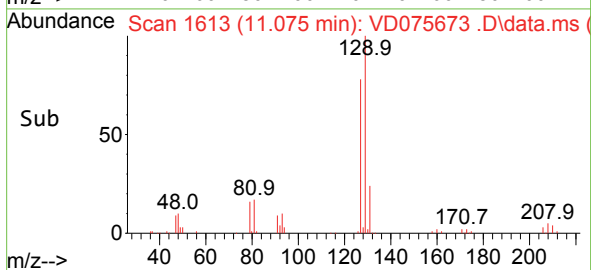
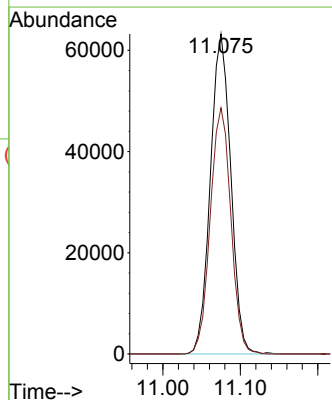
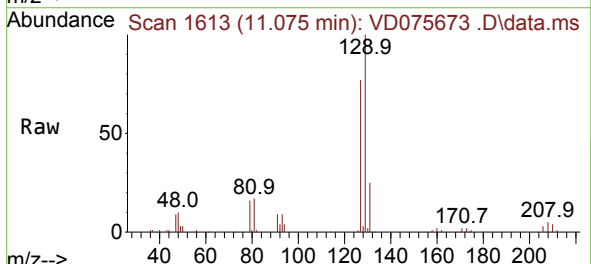
Instrument :
MSVOA_D
ClientSampleId :

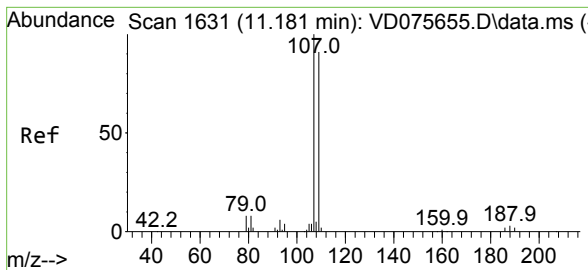
Tgt Ion: 43 Resp: 174910
Ion Ratio Lower Upper
43 100
58 70.4 25.3 75.8



#60
Dibromochloromethane
Concen: 43.747 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 129 Resp: 115744
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5

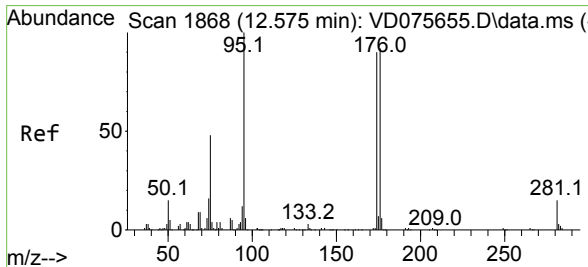
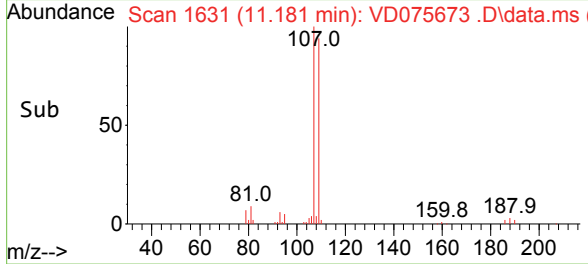
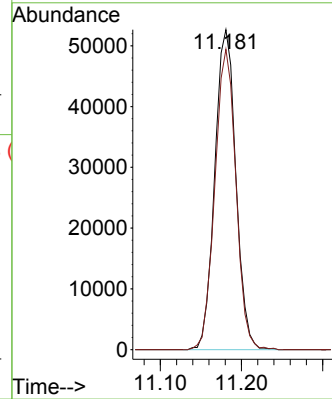
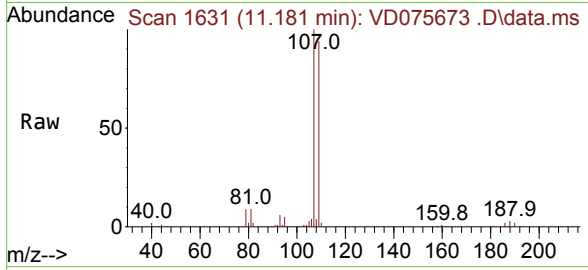




#61
1,2-Dibromoethane
Concen: 44.031 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

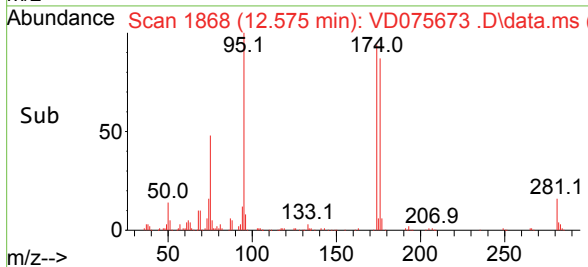
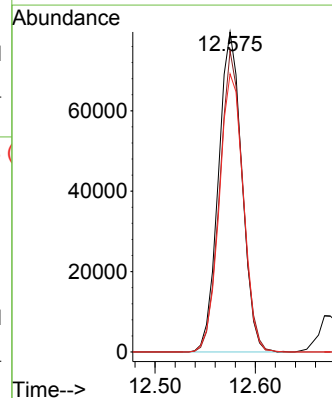
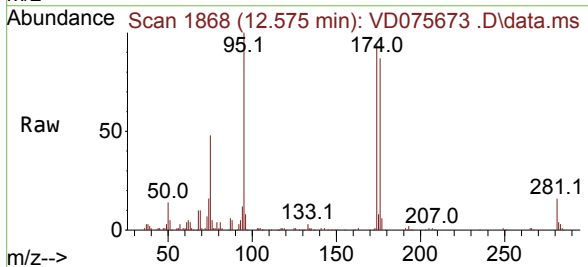
Instrument :
MSVOA_D
ClientSampleId :

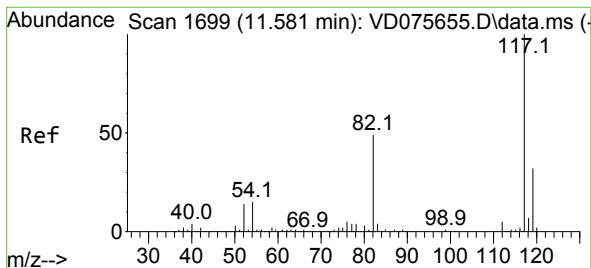
Tgt Ion:107 Resp: 94969
Ion Ratio Lower Upper
107 100
109 93.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 95 Resp: 129169
Ion Ratio Lower Upper
95 100
174 92.4 0.0 164.0
176 89.2 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

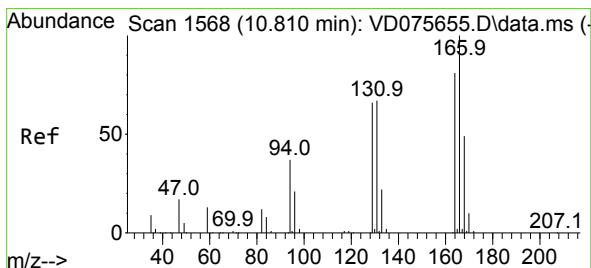
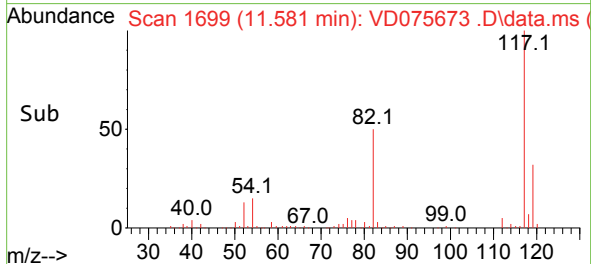
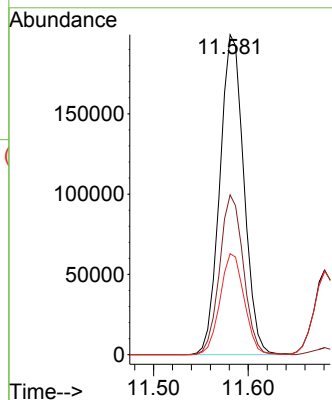
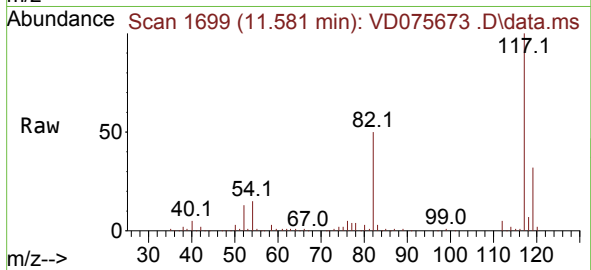
Tgt Ion:117 Resp: 351532

Ion Ratio Lower Upper

117 100

82 50.0 44.0 66.0

119 31.6 25.1 37.7



#64

Tetrachloroethene

Concen: 45.781 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Tgt Ion:164 Resp: 115903

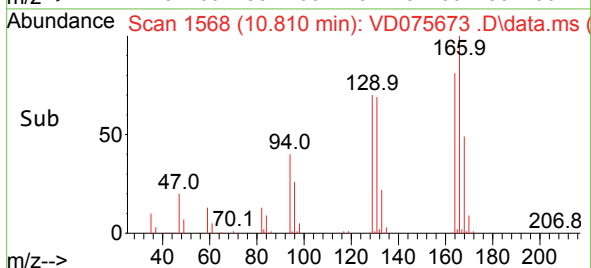
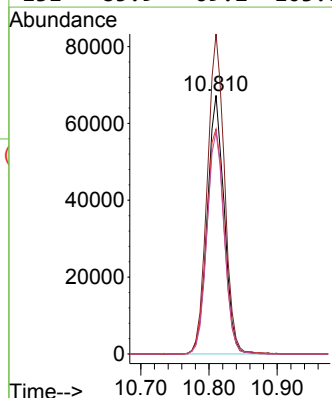
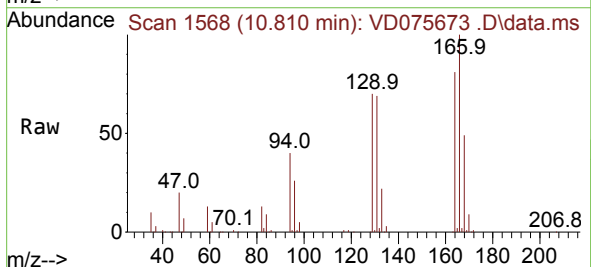
Ion Ratio Lower Upper

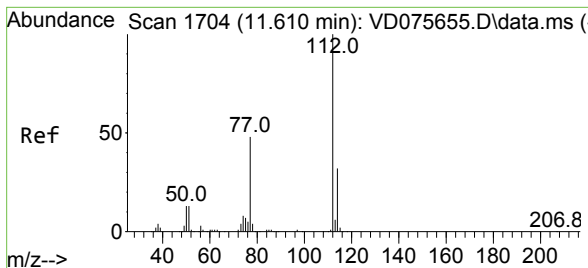
164 100

166 123.8 94.9 142.3

129 87.0 73.0 109.6

131 85.9 69.2 103.8

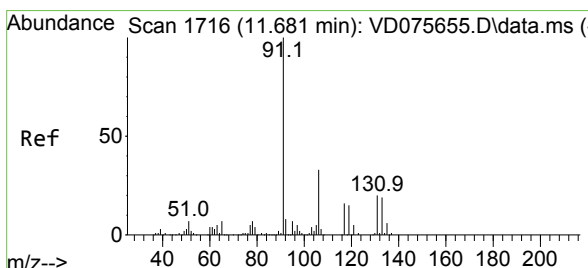
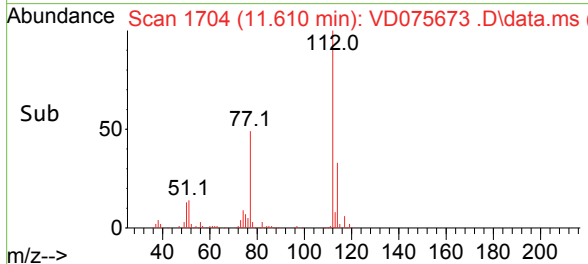
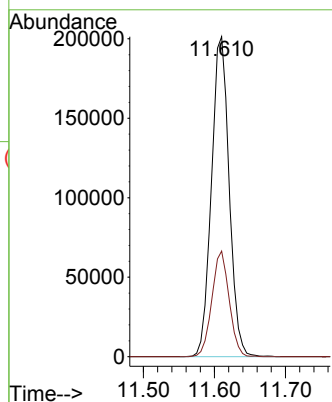
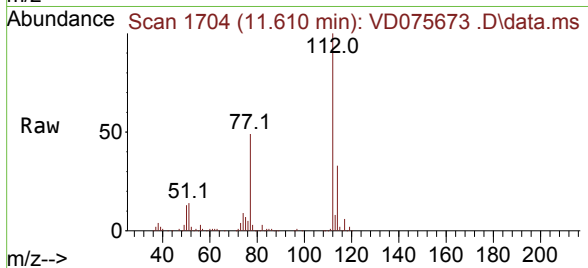




#65
Chlorobenzene
Concen: 46.216 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

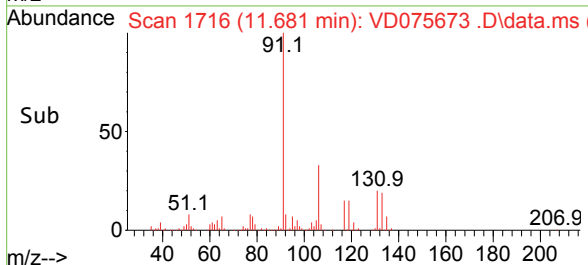
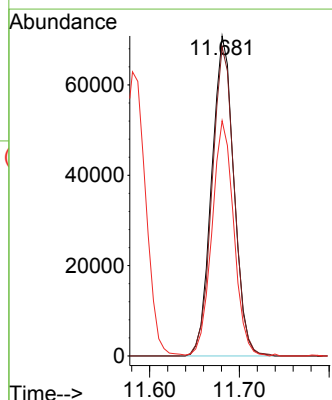
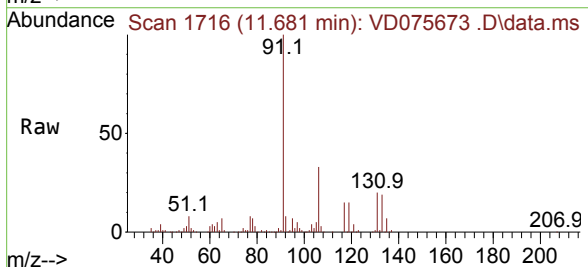
Instrument :
MSVOA_D
ClientSampleId :

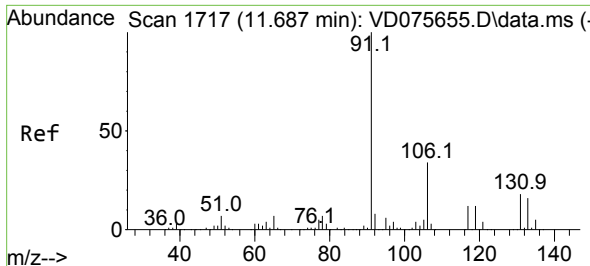
Tgt Ion:112 Resp: 347979
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.984 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion:131 Resp: 121616
Ion Ratio Lower Upper
131 100
133 96.6 46.7 140.0
119 72.3 31.9 95.9





#67

Ethyl Benzene

Concen: 49.621 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

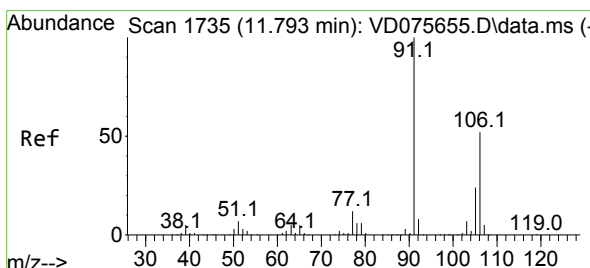
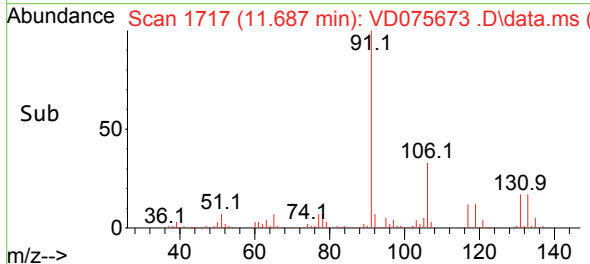
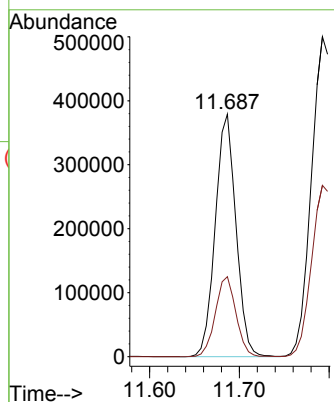
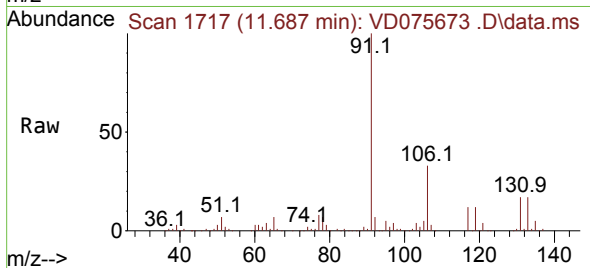
ClientSampleId :

Tgt Ion: 91 Resp: 606349

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 100.701 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075673.D

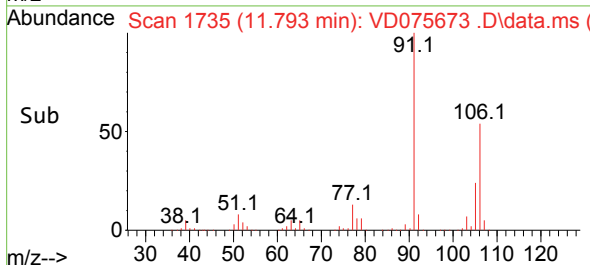
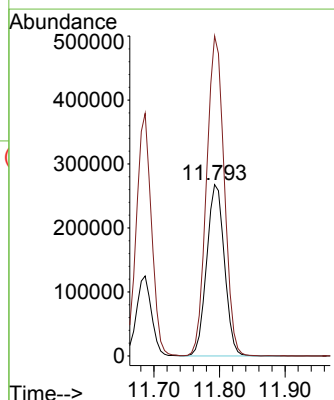
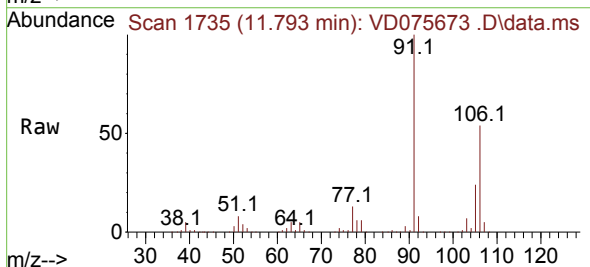
Acq: 14 Apr 2023 11:24

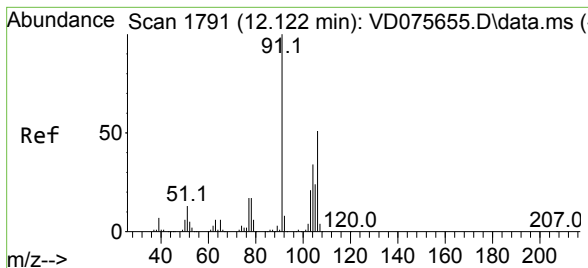
Tgt Ion:106 Resp: 504303

Ion Ratio Lower Upper

106 100

91 185.8 161.5 242.3

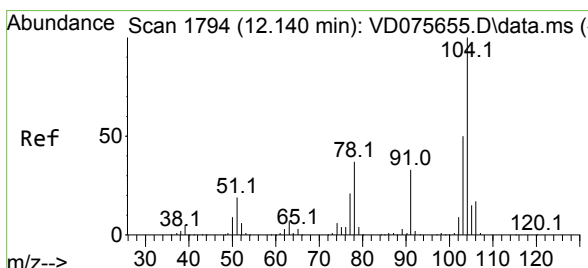
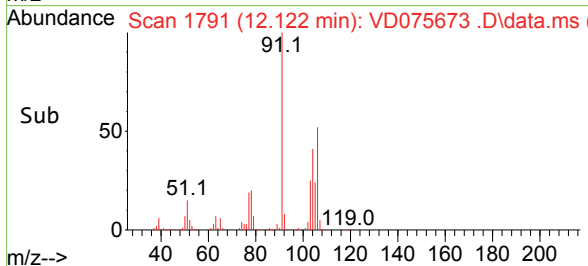
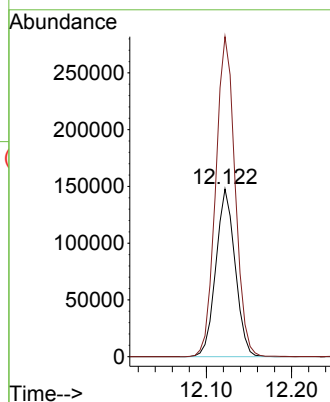
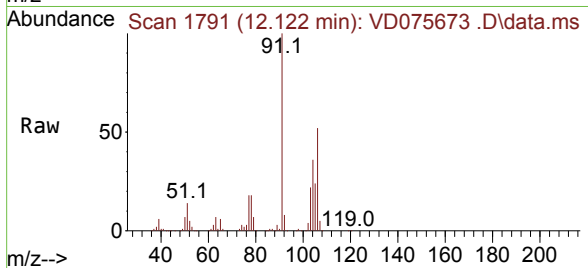




#69
o-Xylene
Concen: 51.229 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

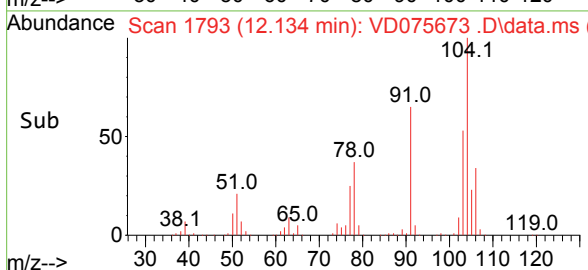
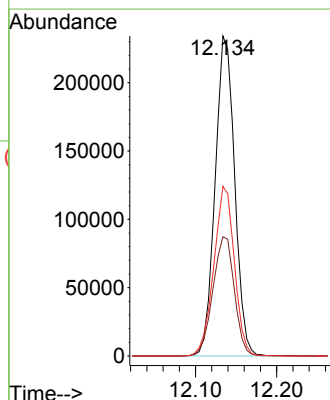
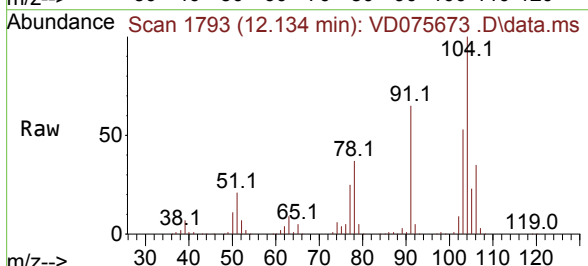
Instrument :
MSVOA_D
ClientSampleId :

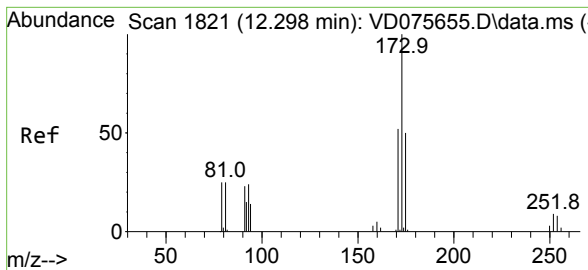
Tgt Ion:106 Resp: 231978
Ion Ratio Lower Upper
106 100
91 192.7 105.7 317.1



#70
Styrene
Concen: 47.137 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion:104 Resp: 391796
Ion Ratio Lower Upper
104 100
78 41.0 40.2 60.4
103 55.9 44.2 66.2

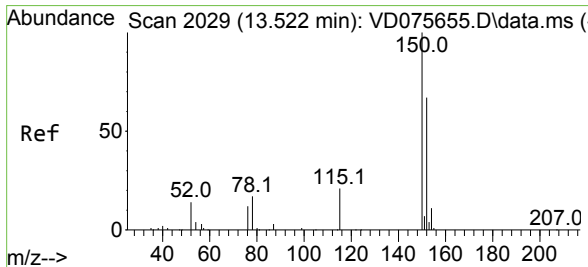
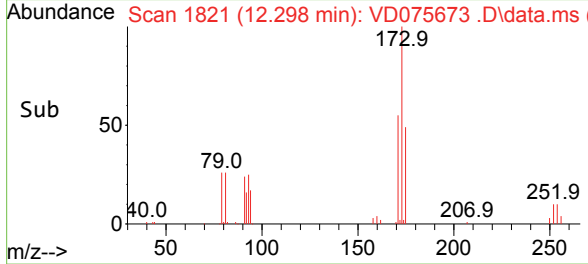
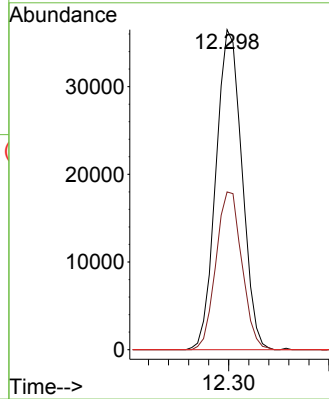
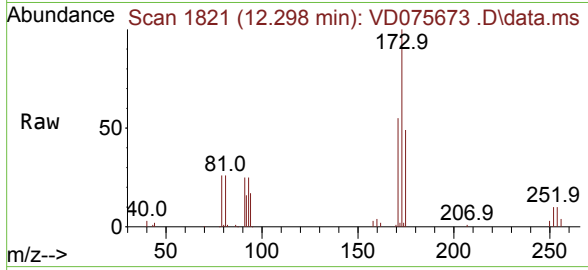




#71
Bromoform
Concen: 48.559 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

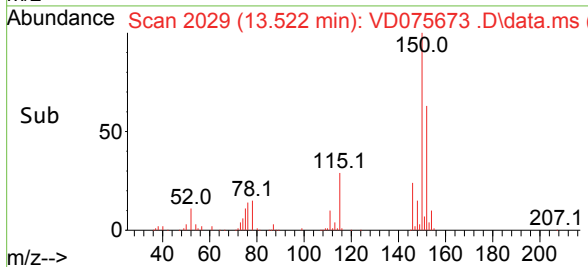
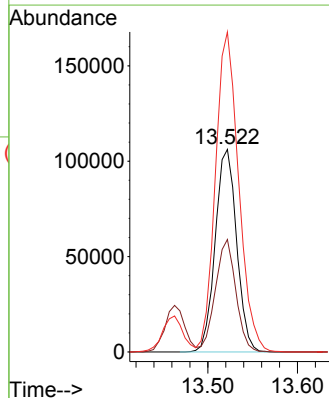
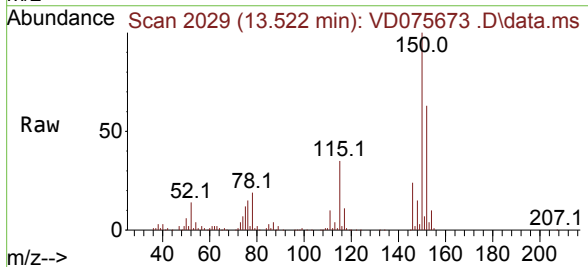
Instrument :
MSVOA_D
ClientSampleId :

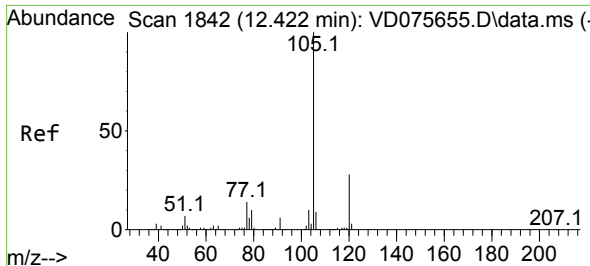
Tgt Ion:173 Resp: 65705
Ion Ratio Lower Upper
173 100
175 49.2 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

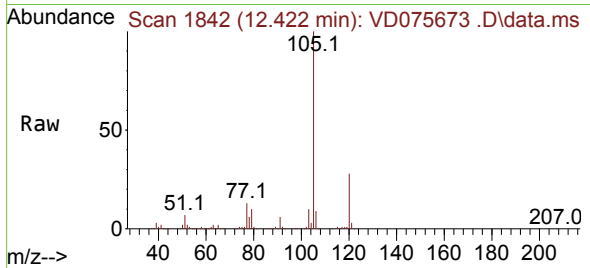
Tgt Ion:152 Resp: 175802
Ion Ratio Lower Upper
152 100
115 53.5 30.1 90.3
150 171.3 0.0 364.8



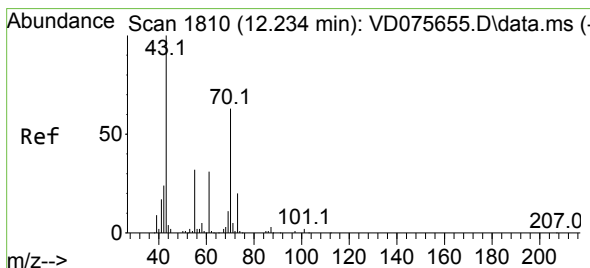
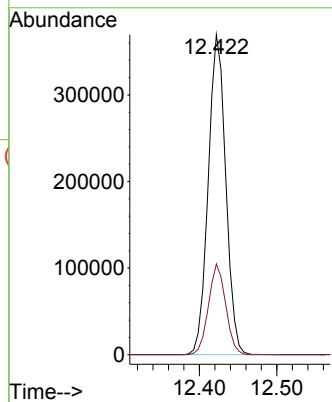
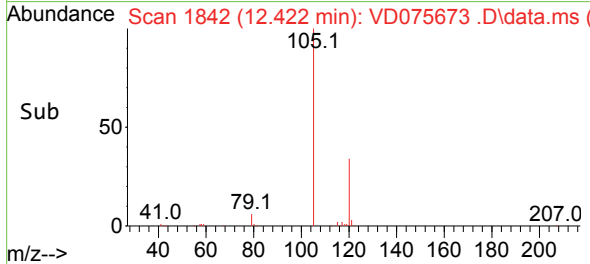


#73
Isopropylbenzene
Concen: 50.395 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

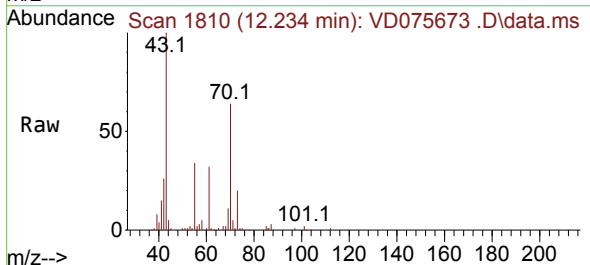
Instrument :
MSVOA_D
ClientSampleId :



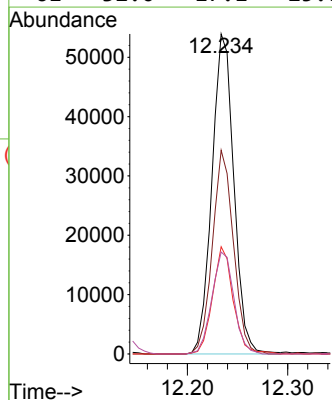
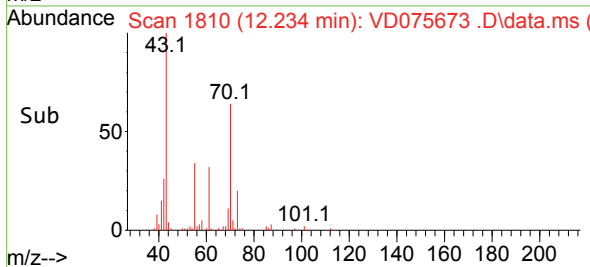
Tgt Ion:105 Resp: 581451
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1

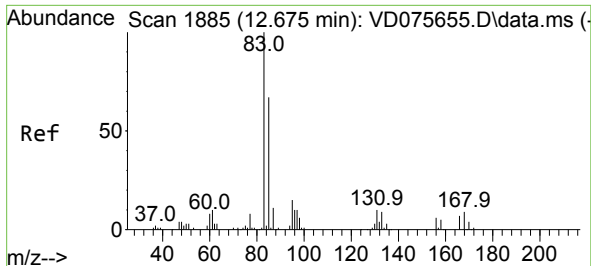


#74
N-ethyl acetate
Concen: 48.209 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24



Tgt Ion: 43 Resp: 81735
Ion Ratio Lower Upper
43 100
70 61.1 31.0 46.4#
55 31.6 18.6 28.0#
61 32.0 17.1 25.7#

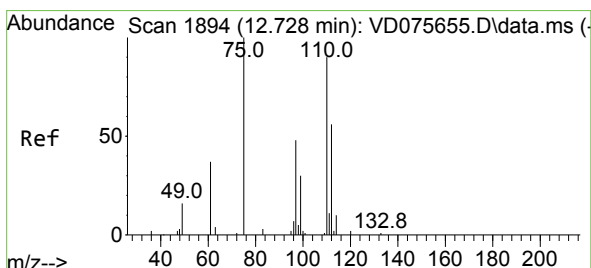
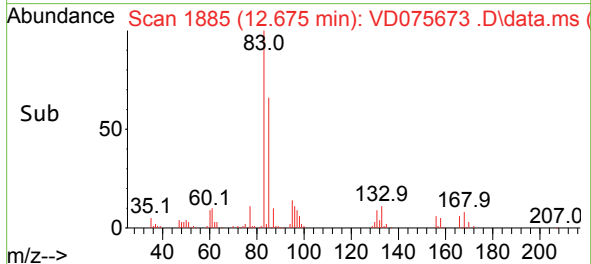
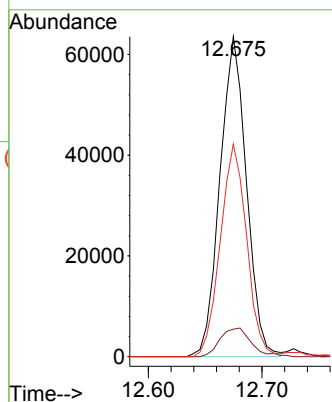
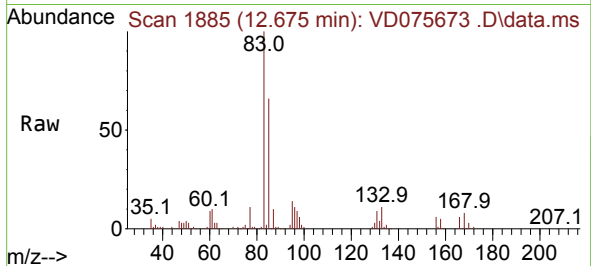




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.972 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

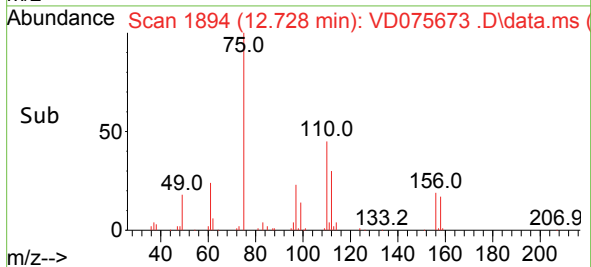
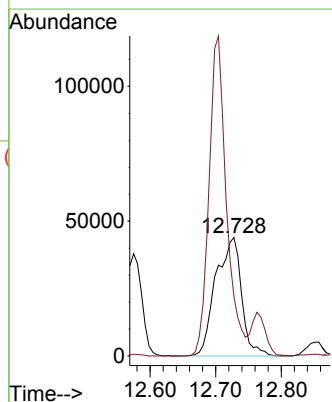
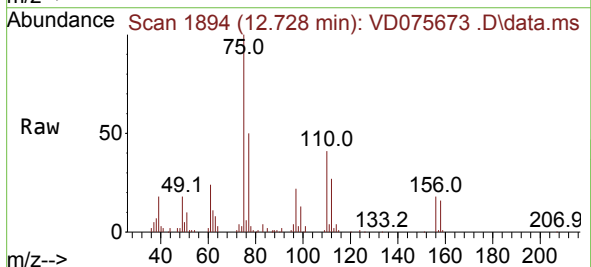
Instrument :
 MSVOA_D
 ClientSampleId :

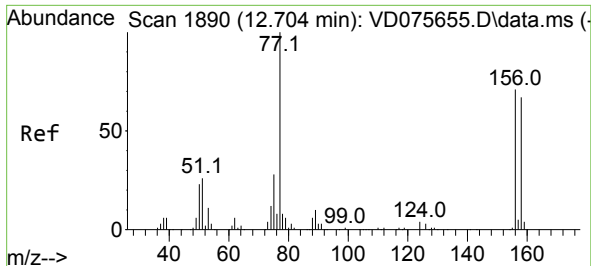
Tgt Ion: 83 Resp: 103038
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.2
 85 65.9 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 83.634 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion: 75 Resp: 119902
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

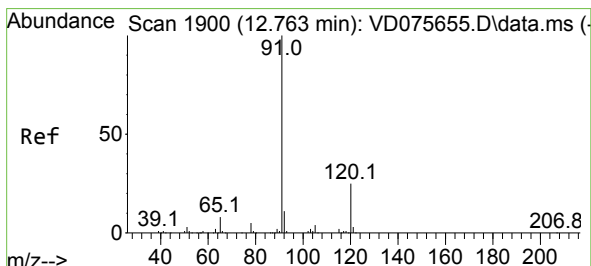
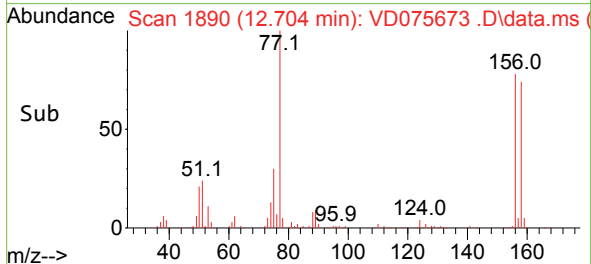
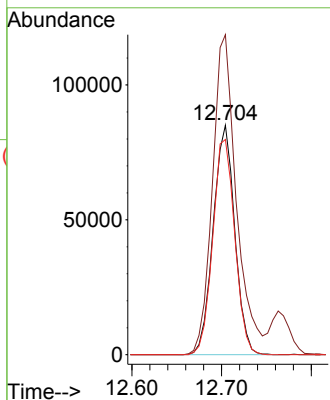
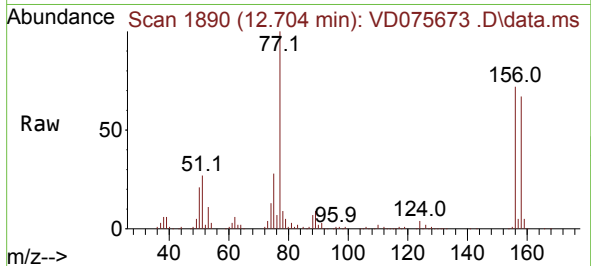




#77
Bromobenzene
Concen: 47.655 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

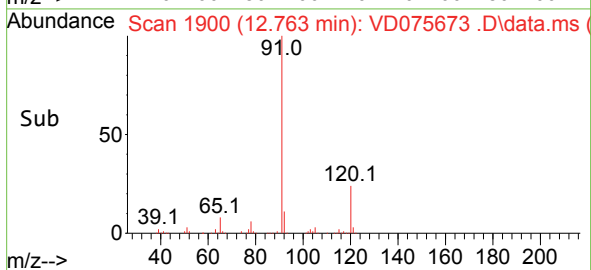
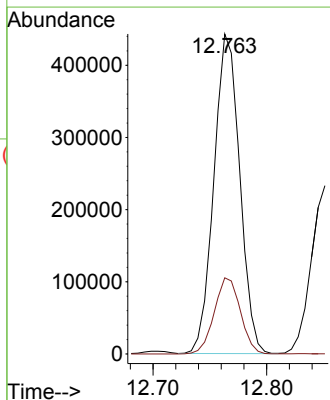
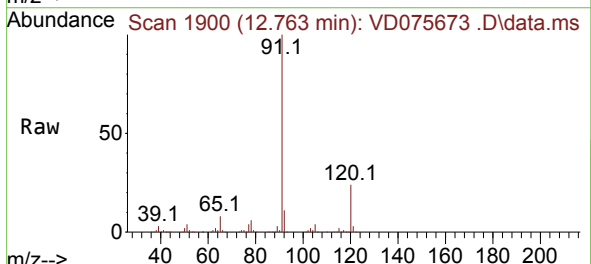
Instrument :
MSVOA_D
ClientSampleId :

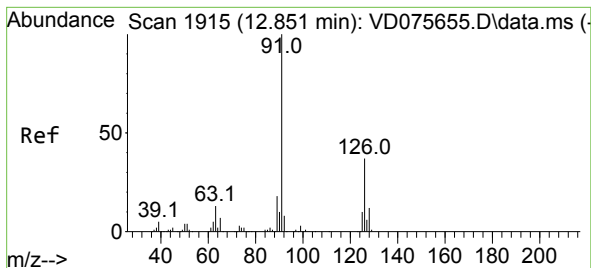
Tgt Ion:156 Resp: 141750
Ion Ratio Lower Upper
156 100
77 154.7 89.5 268.6
158 95.9 47.8 143.4



#78
n-propylbenzene
Concen: 49.453 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 91 Resp: 699403
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2





#79

2-Chlorotoluene

Concen: 46.750 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

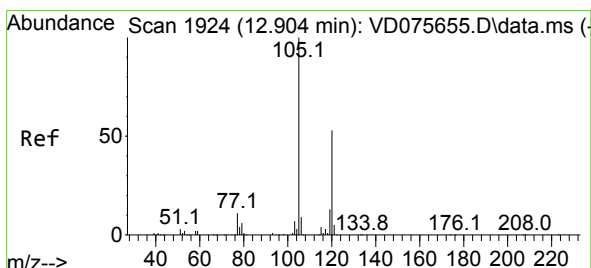
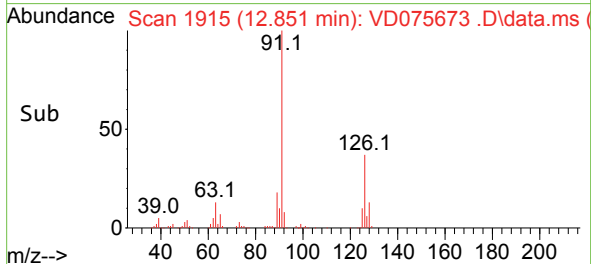
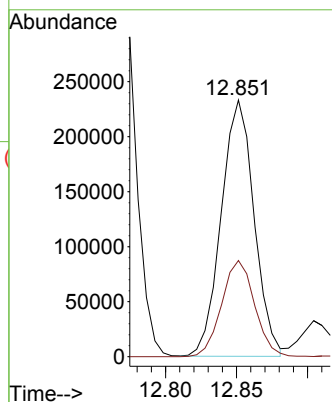
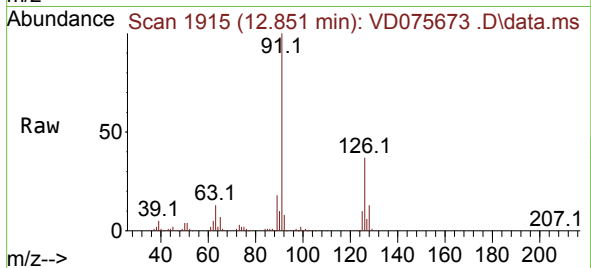
ClientSampleId :

Tgt Ion: 91 Resp: 375004

Ion Ratio Lower Upper

91 100

126 37.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 49.611 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075673.D

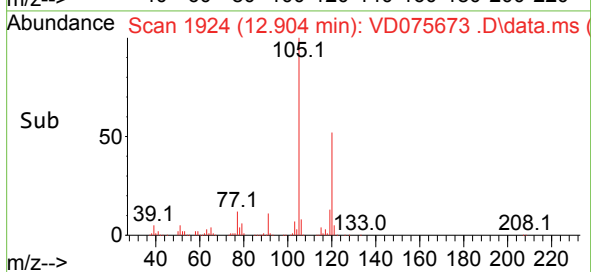
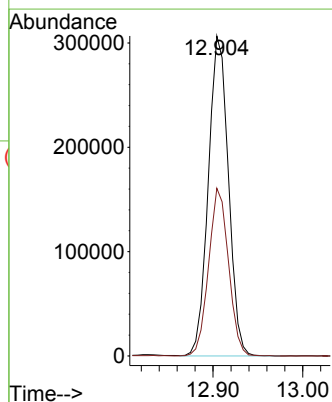
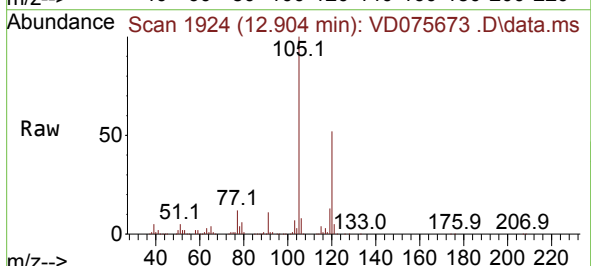
Acq: 14 Apr 2023 11:24

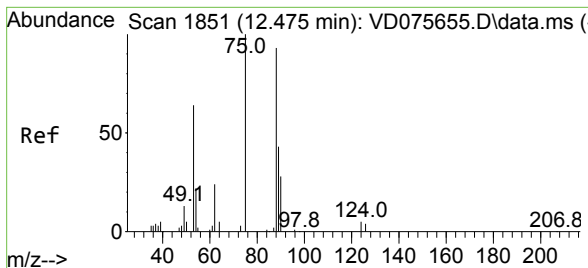
Tgt Ion: 105 Resp: 477193

Ion Ratio Lower Upper

105 100

120 51.9 24.3 72.8

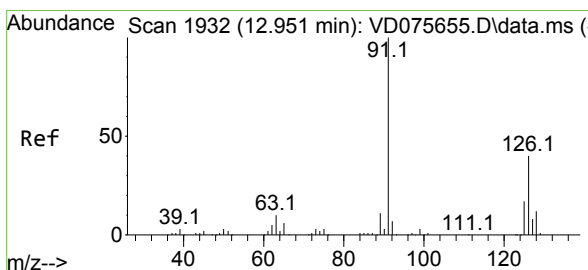
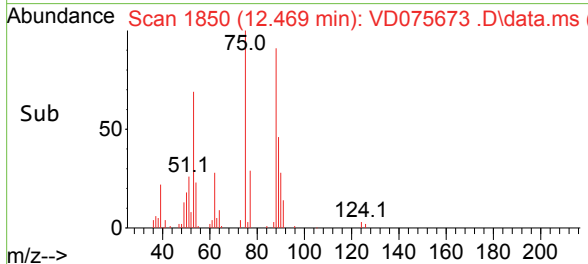
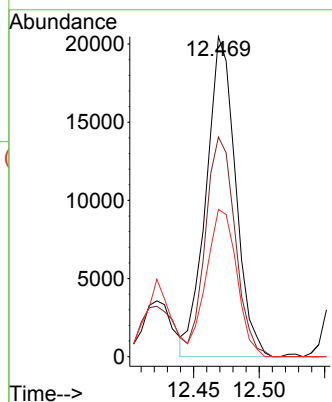
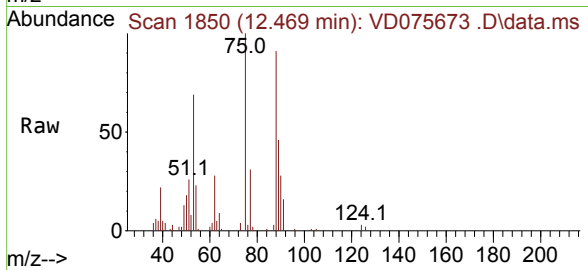




#81
trans-1,4-Dichloro-2-butene
Concen: 48.336 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

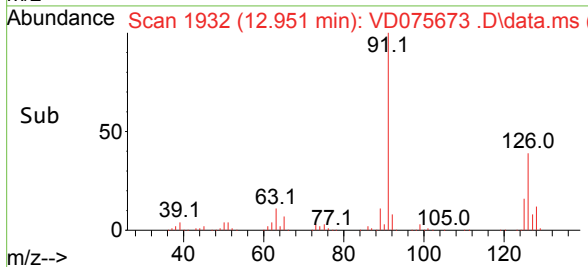
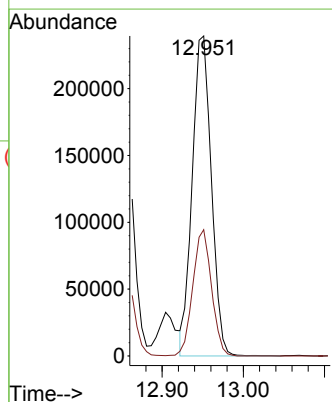
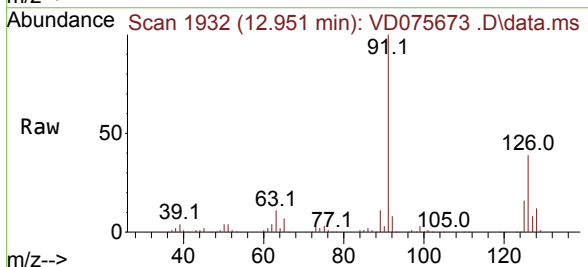
Instrument :
MSVOA_D
ClientSampleId :

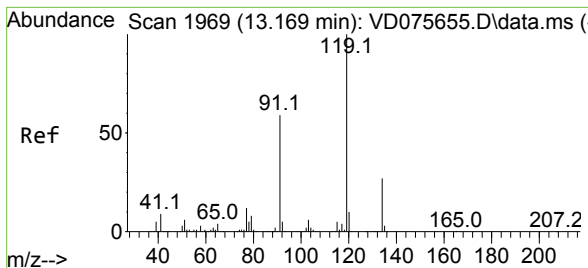
Tgt Ion: 75 Resp: 31972
Ion Ratio Lower Upper
75 100
53 68.9 90.5 135.7#
89 47.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 47.042 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion: 91 Resp: 392373
Ion Ratio Lower Upper
91 100
126 38.8 17.1 51.2

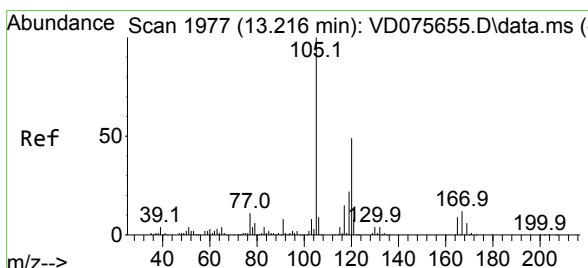
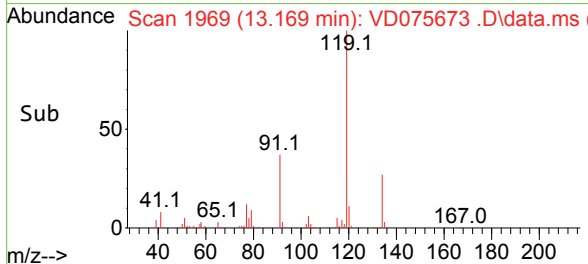
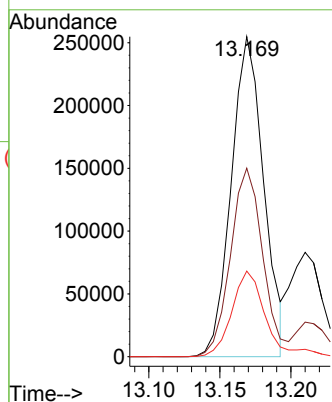
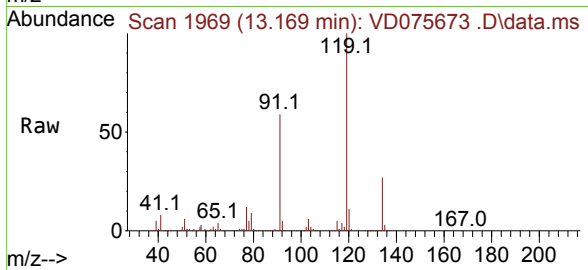




#83
 tert-Butylbenzene
 Concen: 49.904 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

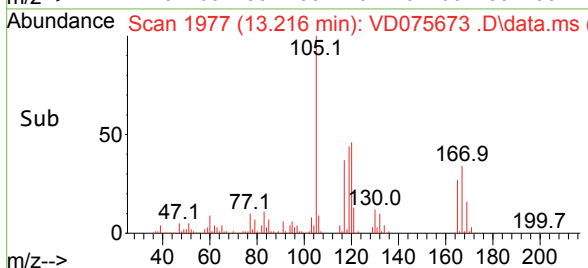
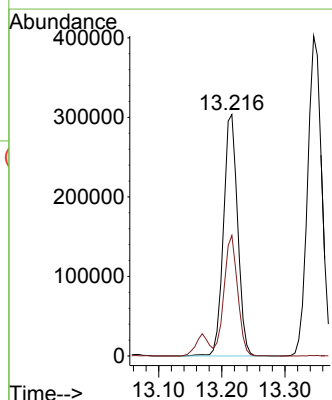
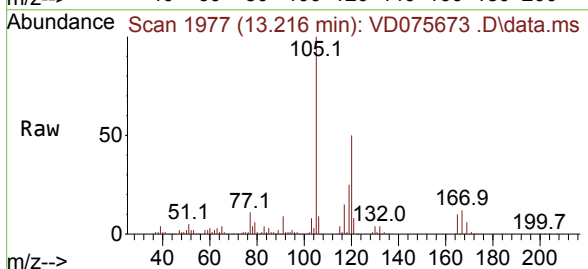
Instrument :
 MSVOA_D
 ClientSampleId :

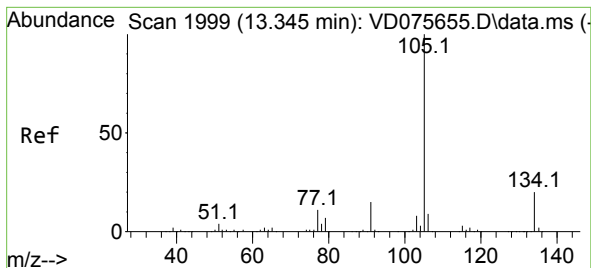
Tgt Ion:119 Resp: 404735
 Ion Ratio Lower Upper
 119 100
 91 58.9 32.4 97.0
 134 27.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.129 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075673.D
 Acq: 14 Apr 2023 11:24

Tgt Ion:105 Resp: 474177
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.800 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

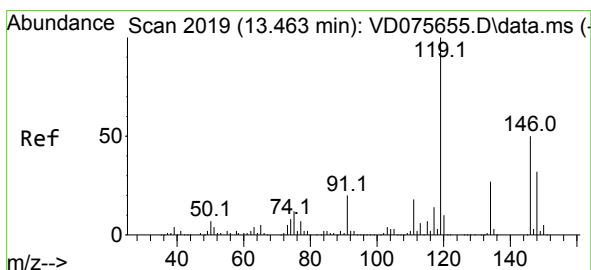
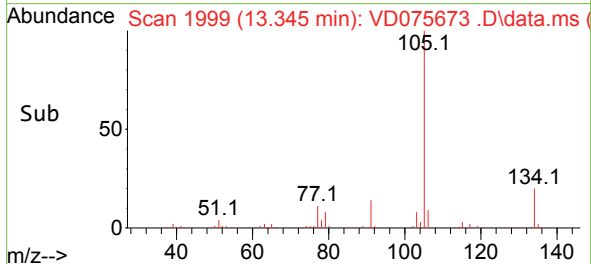
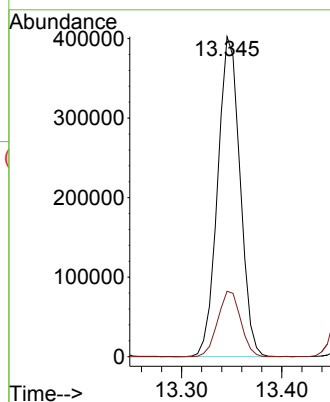
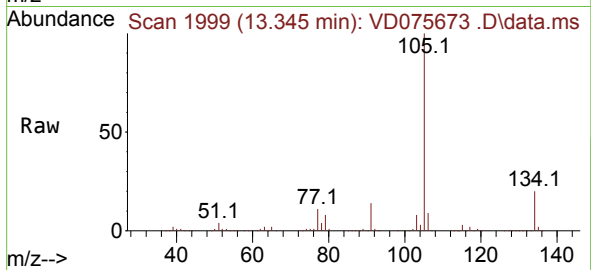
ClientSampleId :

Tgt Ion:105 Resp: 623080

Ion Ratio Lower Upper

105 100

134 21.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 49.560 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

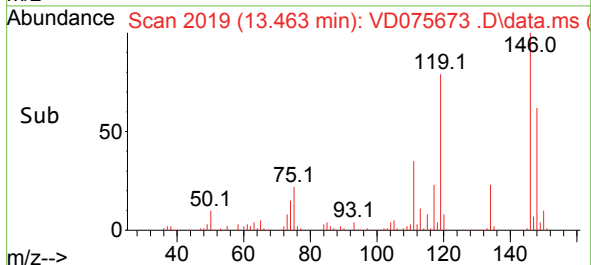
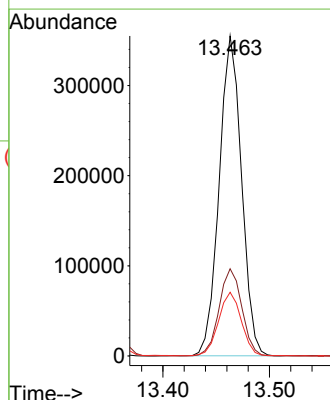
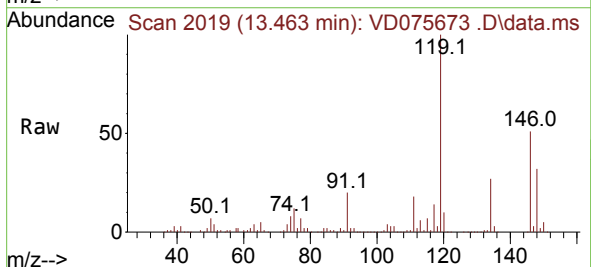
Tgt Ion:119 Resp: 516211

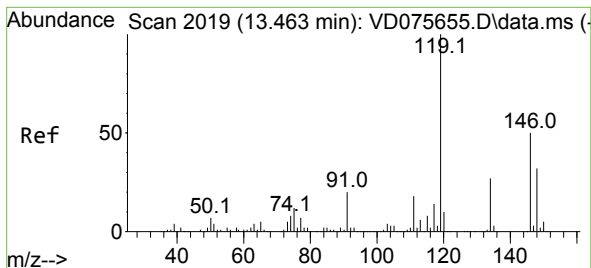
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 20.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.363 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

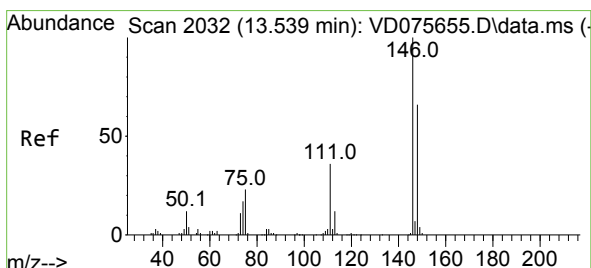
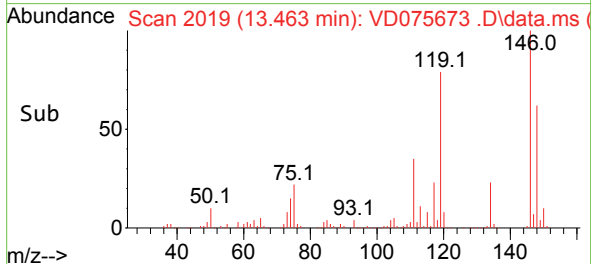
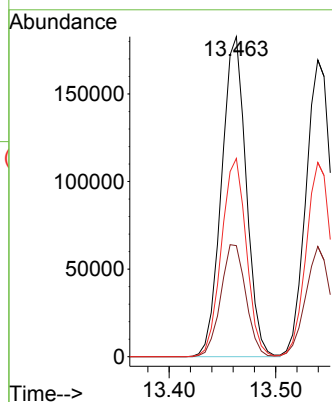
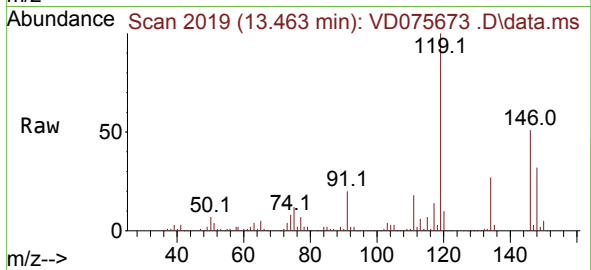
Tgt Ion:146 Resp: 293088

Ion Ratio Lower Upper

146 100

111 35.7 19.8 59.3

148 62.5 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 46.089 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

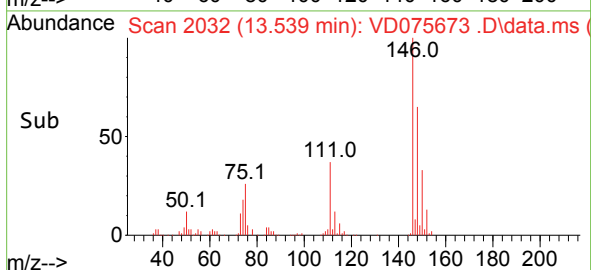
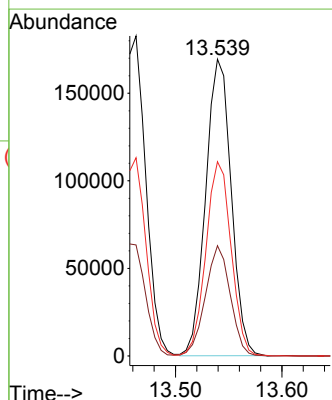
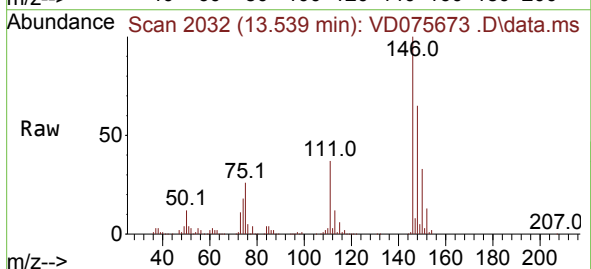
Tgt Ion:146 Resp: 281761

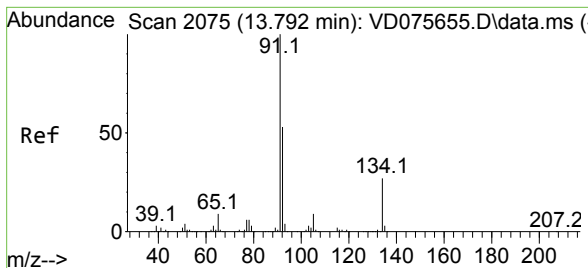
Ion Ratio Lower Upper

146 100

111 36.3 19.6 58.8

148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 49.407 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.005 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

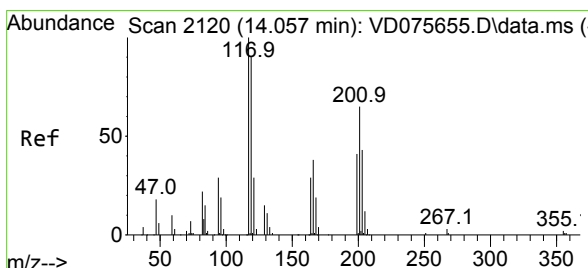
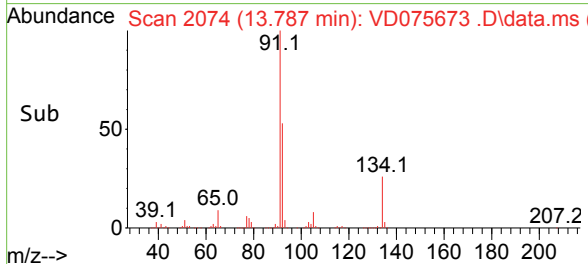
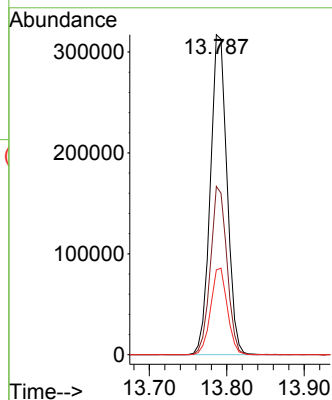
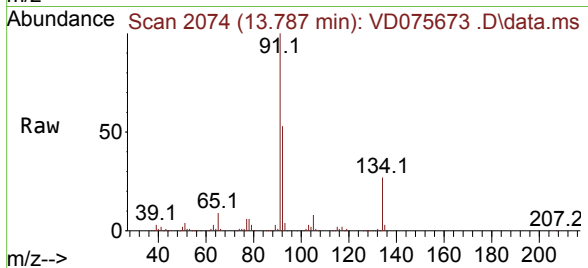
Tgt Ion: 91 Resp: 474033

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

134 27.0 12.7 38.0



#90

Hexachloroethane

Concen: 47.159 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075673.D

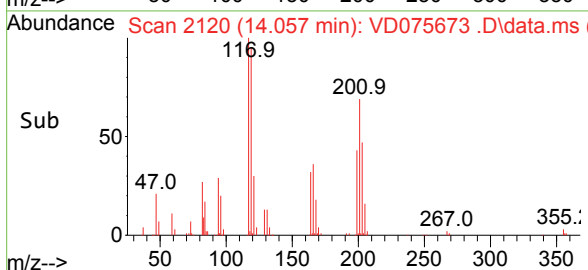
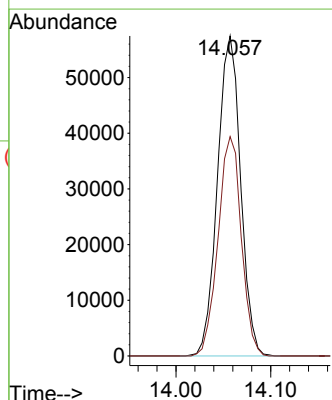
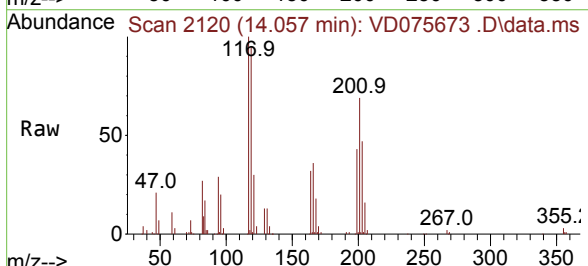
Acq: 14 Apr 2023 11:24

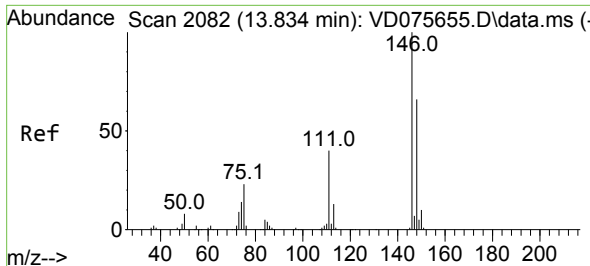
Tgt Ion: 117 Resp: 97595

Ion Ratio Lower Upper

117 100

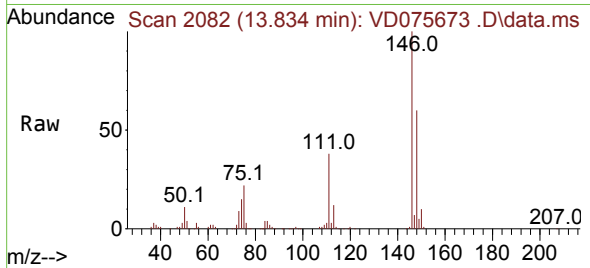
201 68.9 34.5 103.6



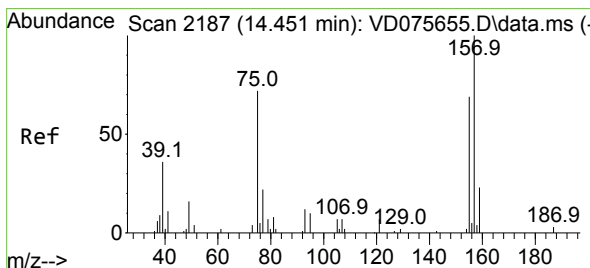
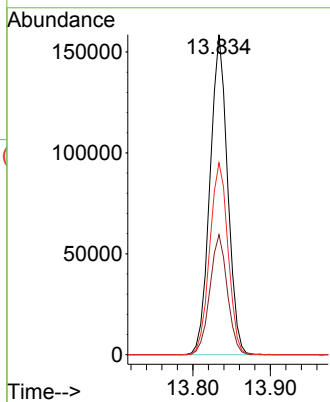
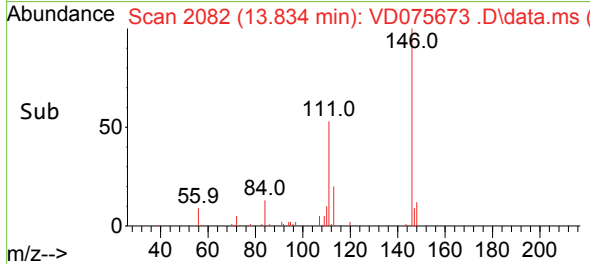


#91
1,2-Dichlorobenzene
Concen: 47.123 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

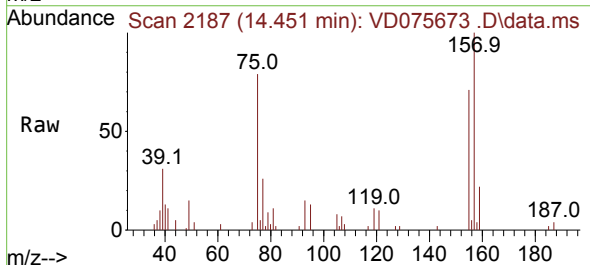
Instrument :
MSVOA_D
ClientSampleId :



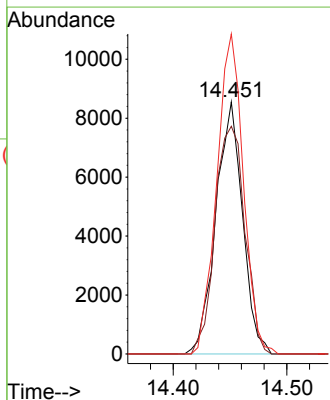
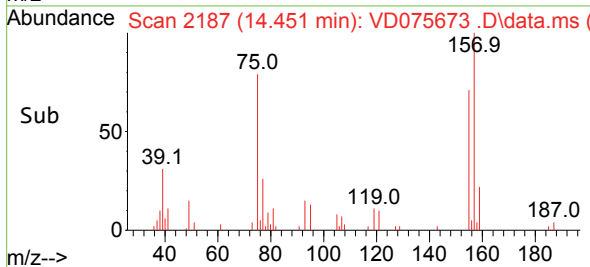
Tgt Ion:146 Resp: 249791
Ion Ratio Lower Upper
146 100
111 37.3 20.6 61.8
148 62.4 32.0 96.2

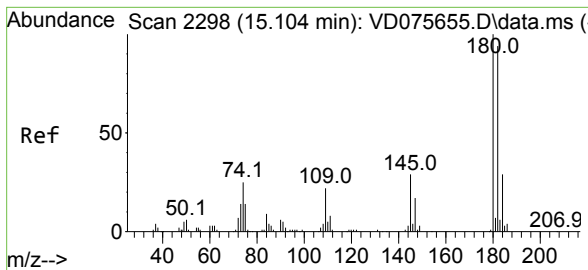


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.406 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24



Tgt Ion: 75 Resp: 13943
Ion Ratio Lower Upper
75 100
155 101.4 39.5 118.5
157 126.7 53.5 160.7

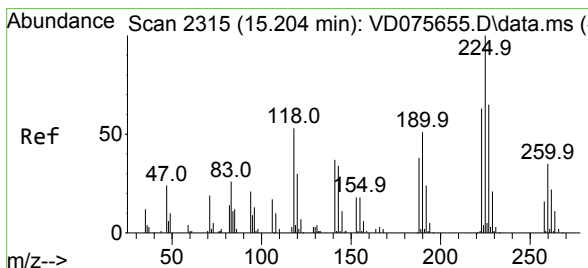
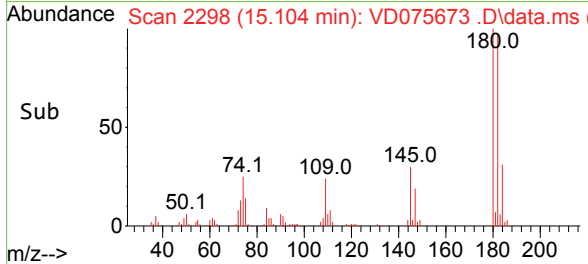
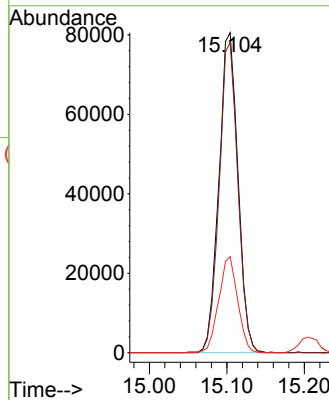
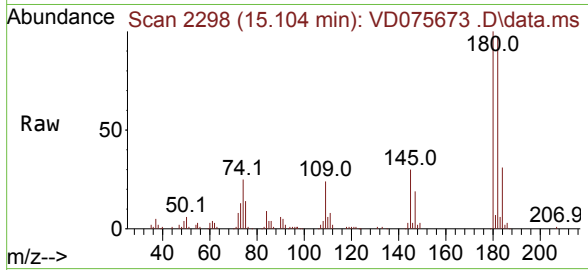




#93
1,2,4-Trichlorobenzene
Concen: 44.666 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

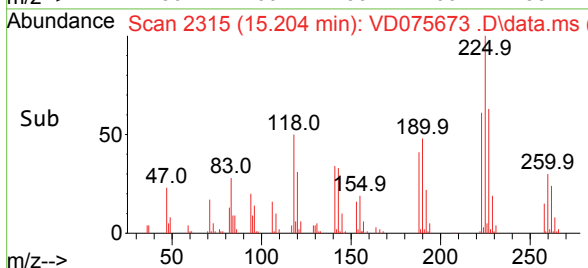
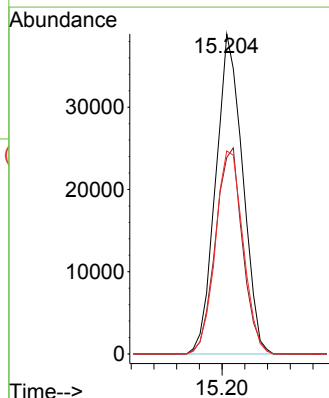
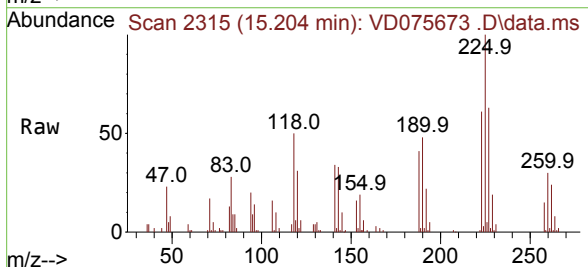
Instrument :
MSVOA_D
ClientSampleId :

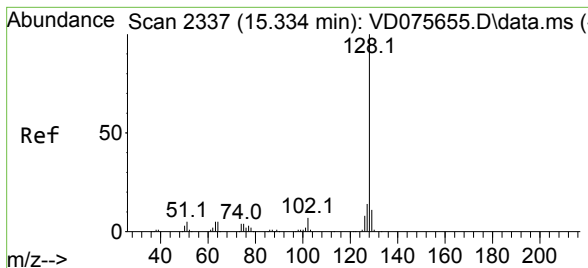
Tgt Ion:180 Resp: 137745
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.7
145 29.8 15.9 47.7



#94
Hexachlorobutadiene
Concen: 43.465 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075673.D
Acq: 14 Apr 2023 11:24

Tgt Ion:225 Resp: 64068
Ion Ratio Lower Upper
225 100
223 64.7 33.1 99.2
227 65.3 31.9 95.9





#95

Naphthalene

Concen: 46.620 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.001 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

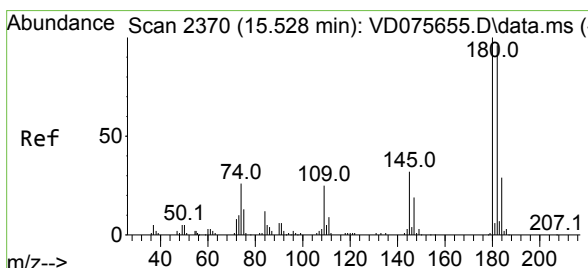
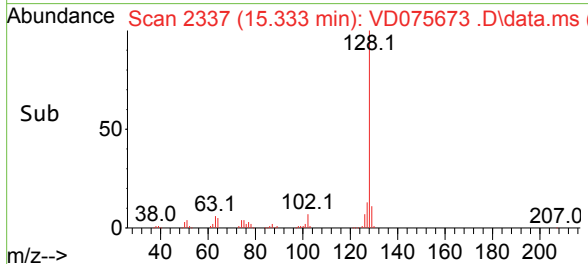
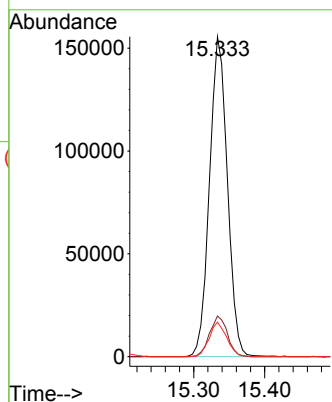
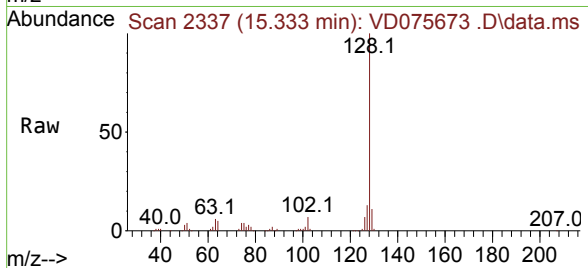
Tgt Ion:128 Resp: 272376

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 44.733 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075673.D

Acq: 14 Apr 2023 11:24

Tgt Ion:180 Resp: 121423

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

145 31.1 16.4 49.4

