

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076743.D
 Acq On : 14 Jul 2023 16:35
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

Quant Time: Jul 17 04:53:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	184182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	91720	48.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.799	113	105920	48.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.860%
50) Toluene-d8	10.269	98	364811	47.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.575	95	121269	49.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	73633	50.115	ug/l	99
3) Chloromethane	2.146	50	127626	50.064	ug/l	97
4) Vinyl Chloride	2.275	62	165777	48.988	ug/l	100
5) Bromomethane	2.675	94	115809	42.499	ug/l	100
6) Chloroethane	2.822	64	124110	48.604	ug/l	99
7) Trichlorofluoromethane	3.158	101	149229	49.604	ug/l	95
8) Diethyl Ether	3.587	74	53357	51.298	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	100460	50.940	ug/l	96
10) Methyl Iodide	4.152	142	104407	47.752	ug/l	92
11) Tert butyl alcohol	5.058	59	36819	256.055	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	89815	48.501	ug/l	84
13) Acrolein	3.787	56	23485	267.214	ug/l	95
14) Allyl chloride	4.546	41	119538	49.847	ug/l	92
15) Acrylonitrile	5.246	53	128751	254.578	ug/l	99
16) Acetone	4.017	43	112257	249.723	ug/l	94
17) Carbon Disulfide	4.258	76	213383	50.043	ug/l	96
18) Methyl Acetate	4.558	43	85740	51.066	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	256091	52.033	ug/l	97
20) Methylene Chloride	4.793	84	136468	53.625	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	106390	50.000	ug/l	97
22) Diisopropyl ether	6.211	45	292965	51.386	ug/l	97
23) Vinyl Acetate	6.146	43	628644	223.305	ug/l	95
24) 1,1-Dichloroethane	6.105	63	192916	49.656	ug/l	98
25) 2-Butanone	7.075	43	156969	261.254	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	168599	50.095	ug/l	96
27) cis-1,2-Dichloroethene	7.069	96	135285	51.353	ug/l	97
28) Bromochloromethane	7.416	49	48458	55.545	ug/l	83
29) Tetrahydrofuran	7.446	42	92168	261.866	ug/l	90
30) Chloroform	7.593	83	214040	50.753	ug/l	99
31) Cyclohexane	7.869	56	131787	48.075	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	174902	51.170	ug/l	98
36) 1,1-Dichloropropene	8.005	75	143663	52.277	ug/l	97
37) Ethyl Acetate	7.163	43	66780	53.760	ug/l	96
38) Carbon Tetrachloride	7.987	117	141475	53.974	ug/l	97
39) Methylcyclohexane	9.269	83	170750	54.214	ug/l	97
40) Benzene	8.246	78	443211	50.778	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39424	52.389	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	120282	52.723	ug/l	98
43) Isopropyl Acetate	8.357	43	128618	53.404	ug/l	92
44) Trichloroethene	9.028	130	116315	49.159	ug/l	87
45) 1,2-Dichloropropane	9.304	63	114192	50.850	ug/l	93
46) Dibromomethane	9.393	93	69407	52.145	ug/l	90
47) Bromodichloromethane	9.581	83	168509	51.083	ug/l	98
48) Methyl methacrylate	9.375	41	56026	50.782	ug/l	84
49) 1,4-Dioxane	9.381	88	17032	1037.277	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	345728	268.658	ug/l	93
52) Toluene	10.334	92	293836	51.561	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	162286	53.272	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	188144	51.964	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	100246	51.816	ug/l	98
56) Ethyl methacrylate	10.599	69	118686	53.843	ug/l	92
57) 1,3-Dichloropropane	10.875	76	159906	51.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	215418	249.273	ug/l	97
59) 2-Hexanone	10.922	43	246844	268.020	ug/l	92
60) Dibromochloromethane	11.075	129	116216	52.050	ug/l	96
61) 1,2-Dibromoethane	11.175	107	92591	51.469	ug/l	98
64) Tetrachloroethene	10.810	164	91766	51.552	ug/l	89
65) Chlorobenzene	11.604	112	326760	51.348	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	120484	50.695	ug/l	98
67) Ethyl Benzene	11.681	91	568167	51.342	ug/l	97
68) m/p-Xylenes	11.793	106	440666	103.587	ug/l	92
69) o-Xylene	12.122	106	212228	52.258	ug/l	92
70) Styrene	12.134	104	375643	53.006	ug/l	97
71) Bromoform	12.298	173	67403	52.346	ug/l #	99
73) Isopropylbenzene	12.422	105	551823	50.948	ug/l	97
74) N-amyl acetate	12.234	43	119541	52.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	118953	50.517	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	138227	102.484	ug/l #	100
77) Bromobenzene	12.698	156	123777	48.937	ug/l	84
78) n-propylbenzene	12.763	91	681024	51.665	ug/l	95
79) 2-Chlorotoluene	12.851	91	373533	51.172	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	456230	51.641	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	35251	52.565	ug/l	97
82) 4-Chlorotoluene	12.945	91	388242	50.694	ug/l	96
83) tert-Butylbenzene	13.163	119	399219	51.315	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	460375	51.210	ug/l	96
85) sec-Butylbenzene	13.345	105	605482	50.758	ug/l	95
86) p-Isopropyltoluene	13.457	119	501199	51.170	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	264230	50.417	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	257954	49.717	ug/l	97
89) n-Butylbenzene	13.787	91	492006	51.495	ug/l	98
90) Hexachloroethane	14.051	117	98222	53.501	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	228866	49.612	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16253	47.628	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	142290	50.213	ug/l	98
94) Hexachlorobutadiene	15.198	225	64343	47.501	ug/l	98
95) Naphthalene	15.328	128	308931	51.519	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	130076	51.908	ug/l	98

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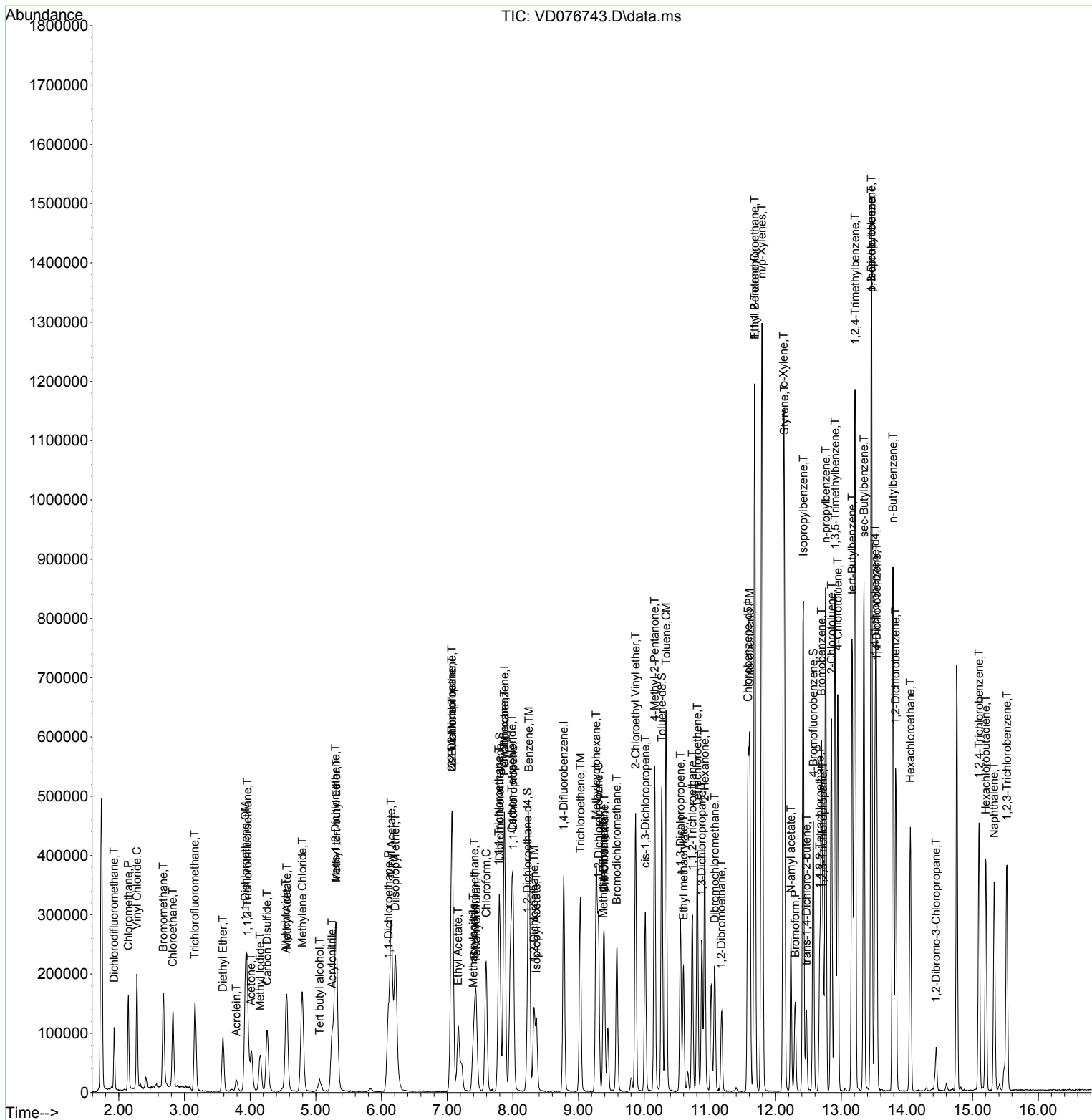
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MSVOA_D
ClientSampleId :
ICVVD071423

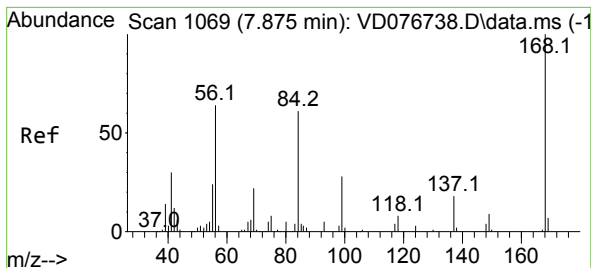
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 04:42:51 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076743.D

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Instrument :

MSVOA_D

ClientSampleId :

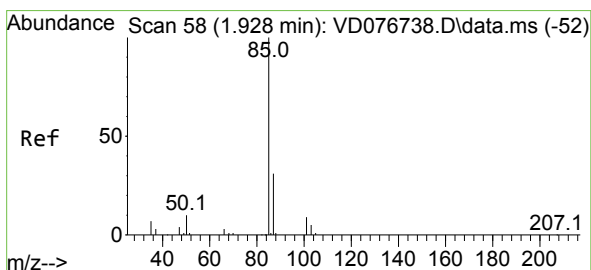
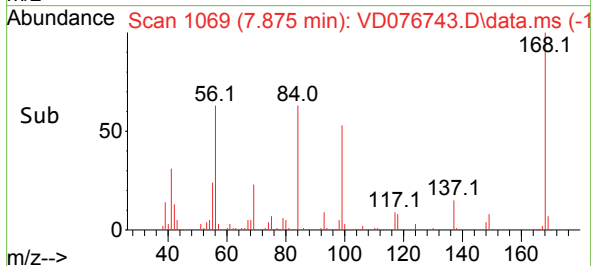
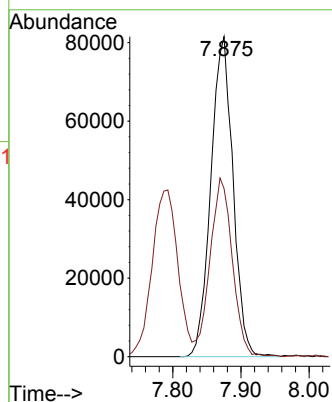
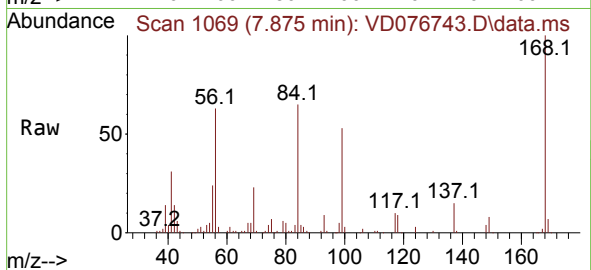
ICVVD071423

Tgt Ion:168 Resp: 184182

Ion Ratio Lower Upper

168 100

99 52.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 50.115 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076743.D

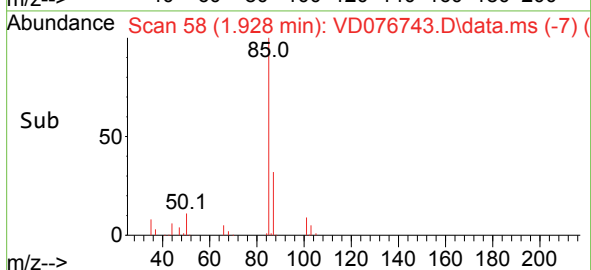
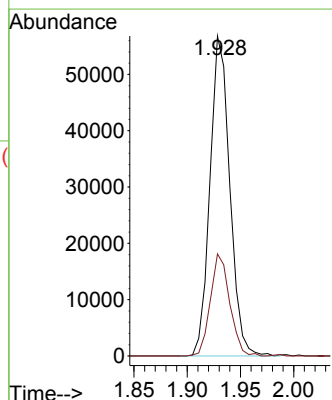
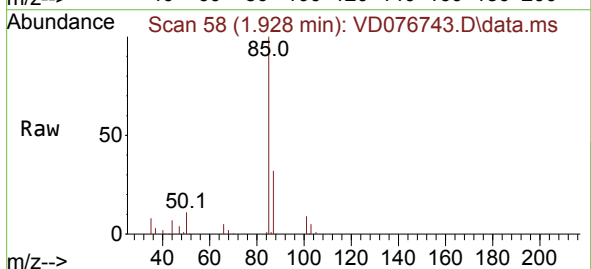
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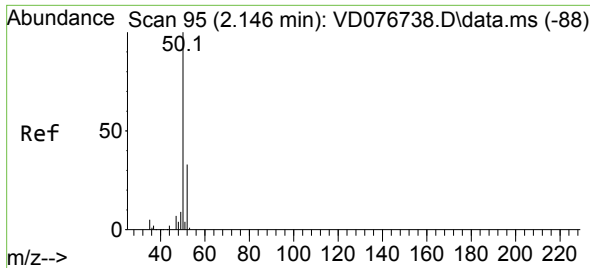
Tgt Ion: 85 Resp: 73633

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.0

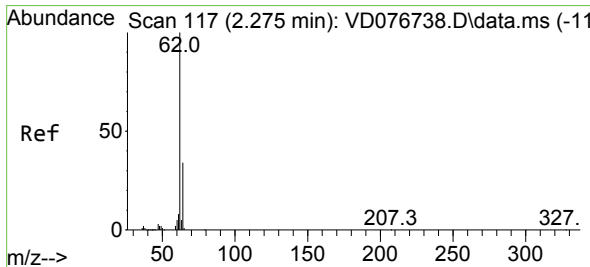
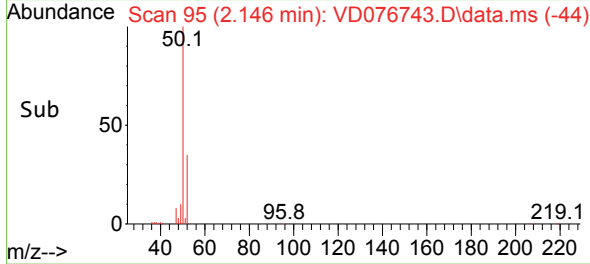
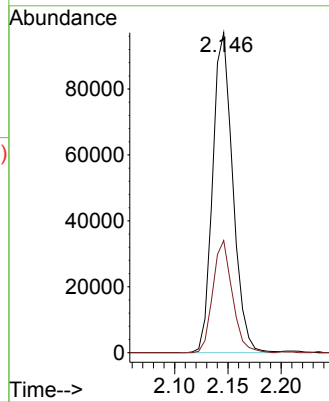
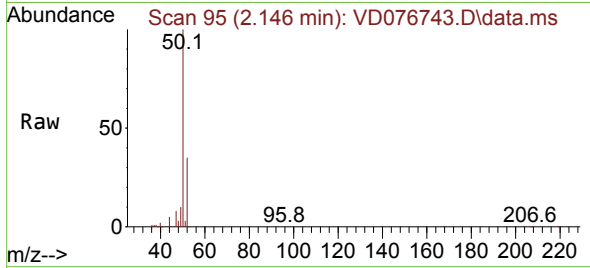




#3
Chloromethane
Concen: 50.064 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

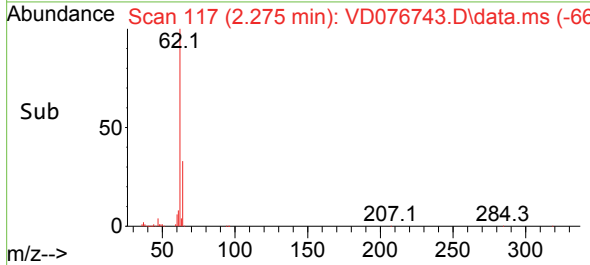
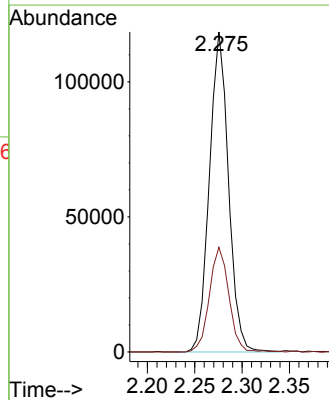
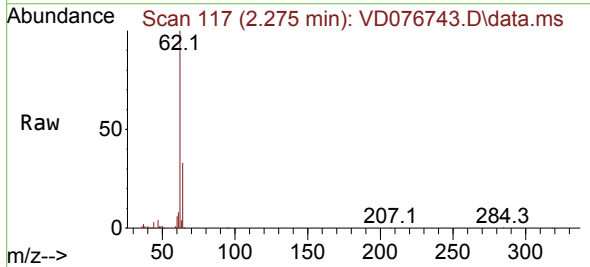
Instrument :
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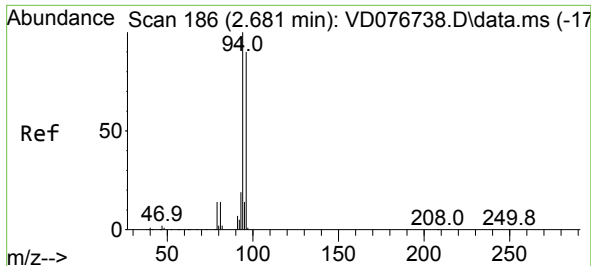
Tgt Ion: 50 Resp: 127626
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0



#4
Vinyl Chloride
Concen: 48.988 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 62 Resp: 165777
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0

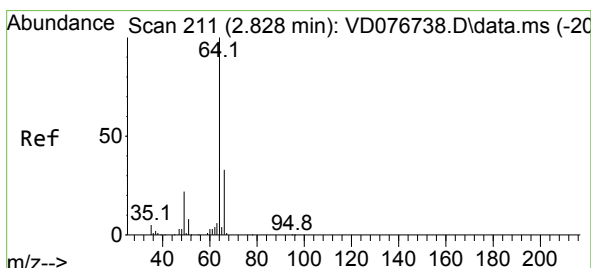
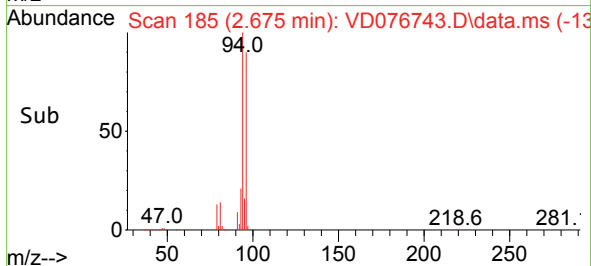
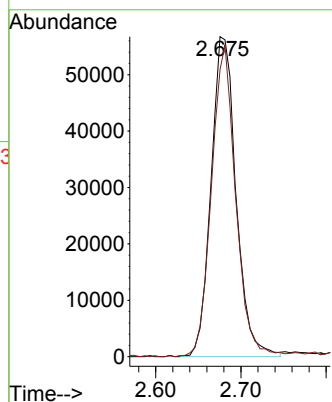
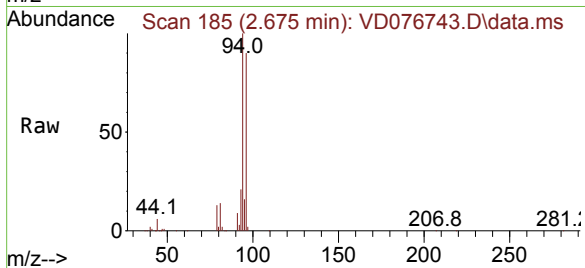




#5
Bromomethane
Concen: 42.499 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

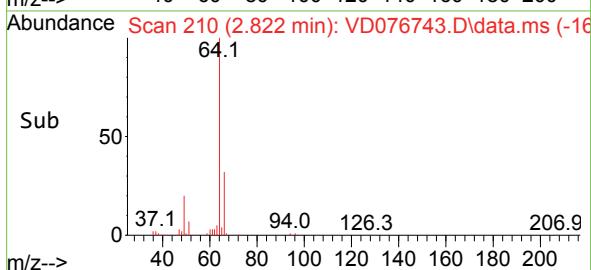
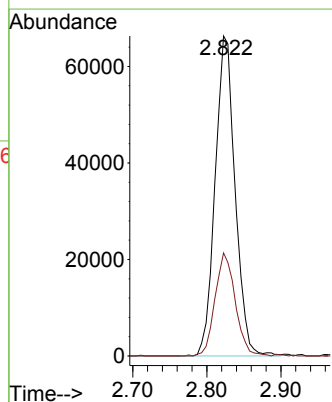
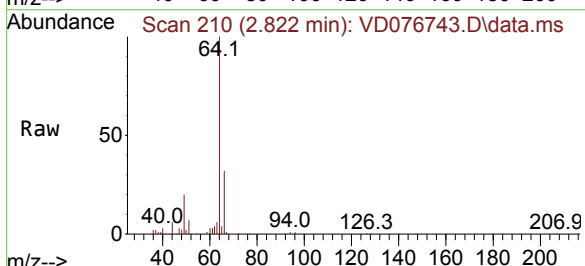
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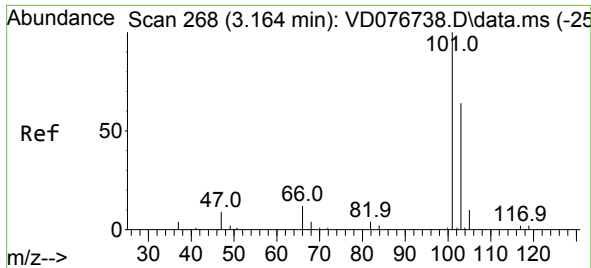
Tgt Ion: 94 Resp: 115809
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 48.604 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 64 Resp: 124110
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3

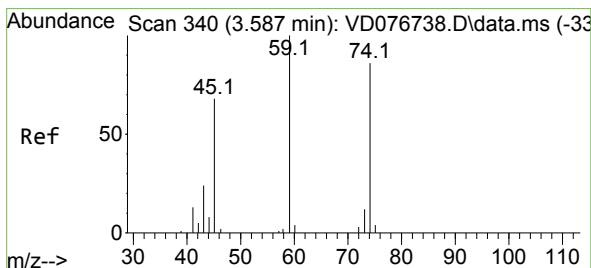
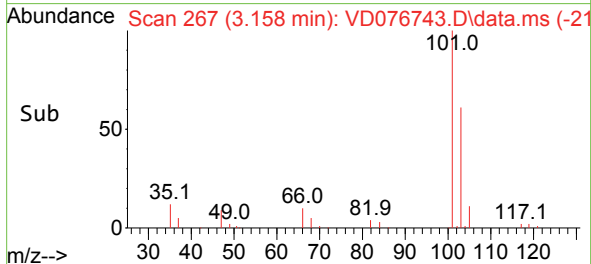
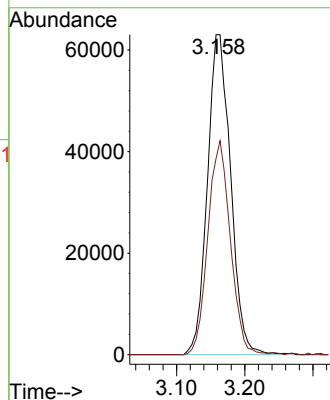
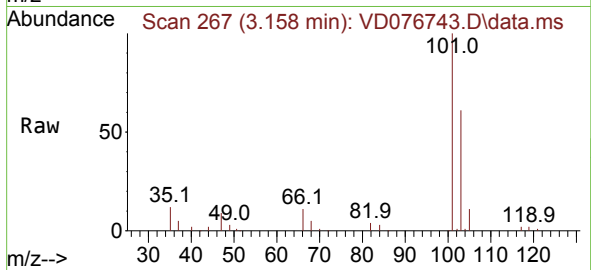




#7
Trichlorofluoromethane
Concen: 49.604 ug/l
RT: 3.158 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

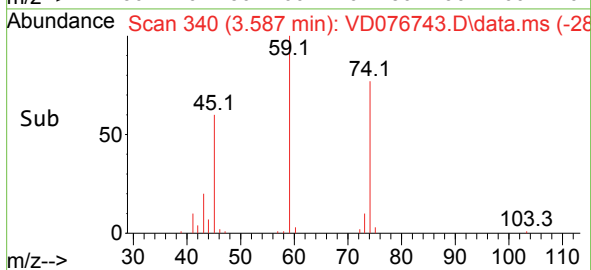
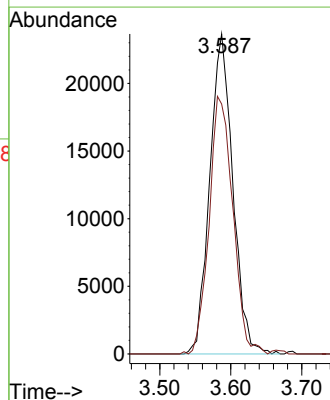
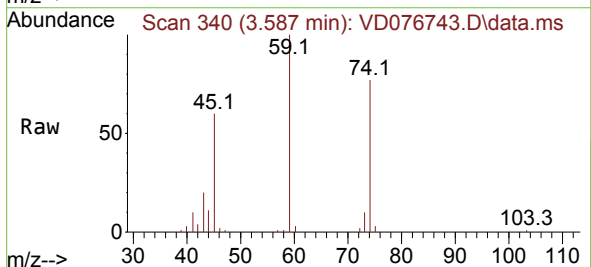
Instrument :
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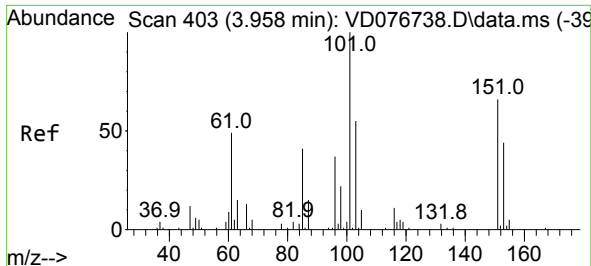
Tgt Ion:101 Resp: 149229
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5



#8
Diethyl Ether
Concen: 51.298 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 74 Resp: 53357
Ion Ratio Lower Upper
74 100
45 82.7 37.5 112.7

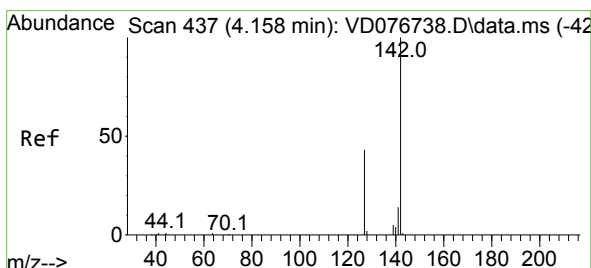
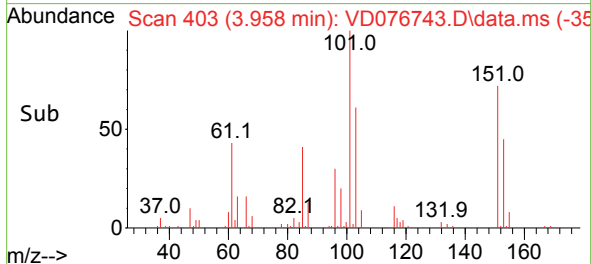
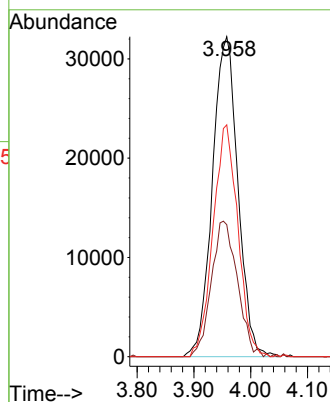
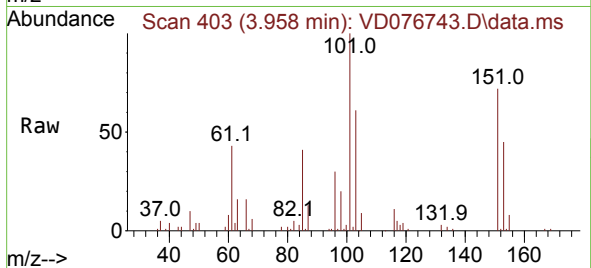




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.940 ug/l
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

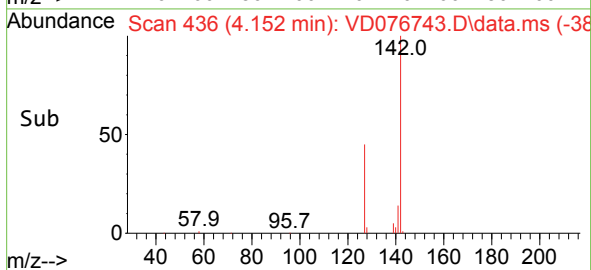
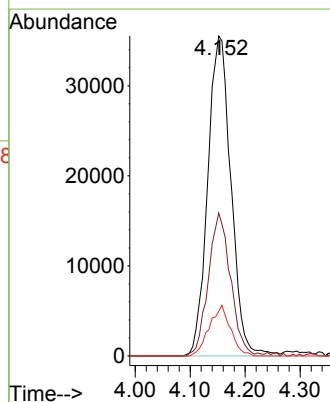
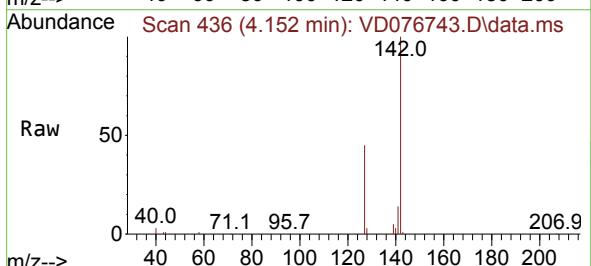
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

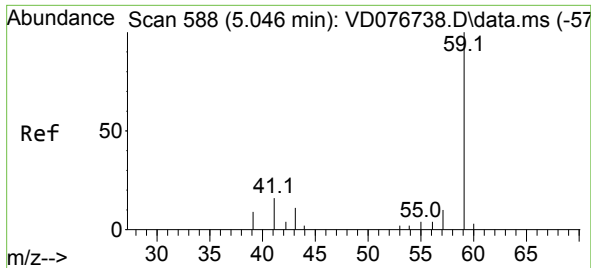
Tgt Ion:101 Resp: 100460
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.8 50.6
 151 70.5 59.8 89.6



#10
 Methyl Iodide
 Concen: 47.752 ug/l
 RT: 4.152 min Scan# 436
 Delta R.T. -0.006 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion:142 Resp: 104407
 Ion Ratio Lower Upper
 142 100
 127 42.6 29.4 44.0
 141 14.5 11.1 16.7

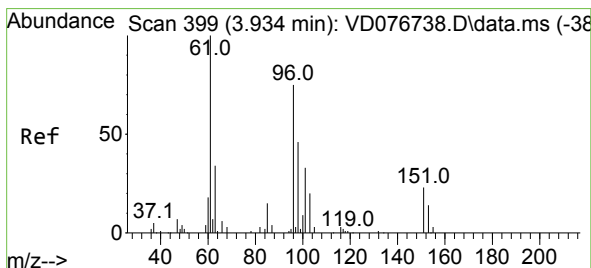
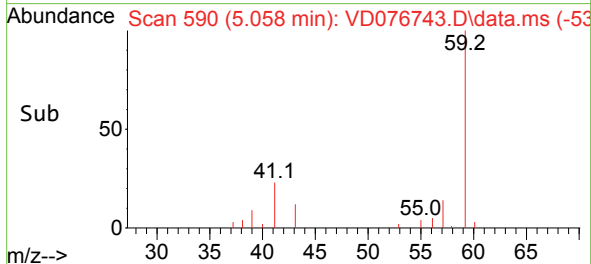
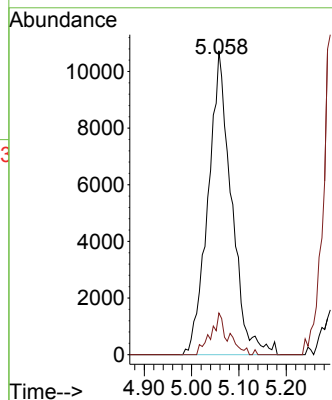
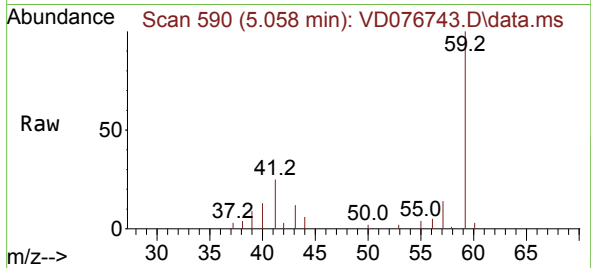




#11
Tert butyl alcohol
Concen: 256.055 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

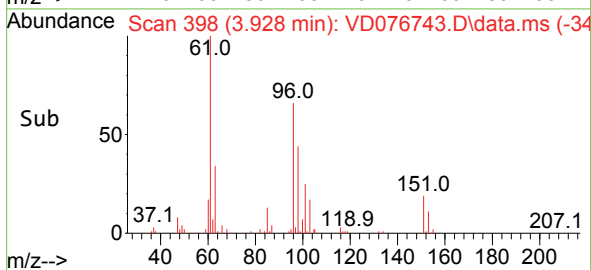
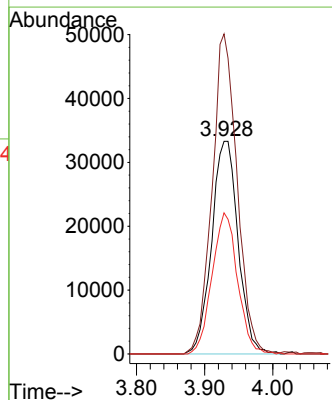
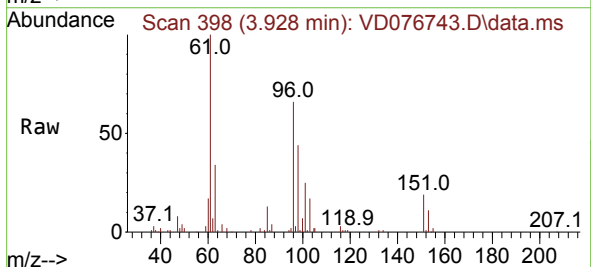
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

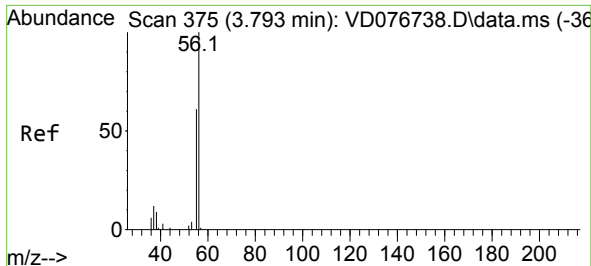
Tgt Ion: 59 Resp: 36819
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.501 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 96 Resp: 89815
Ion Ratio Lower Upper
96 100
61 150.4 100.6 150.8
98 66.3 50.2 75.2





#13

Acrolein

Concen: 267.214 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

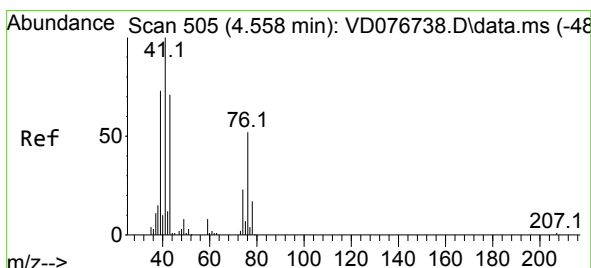
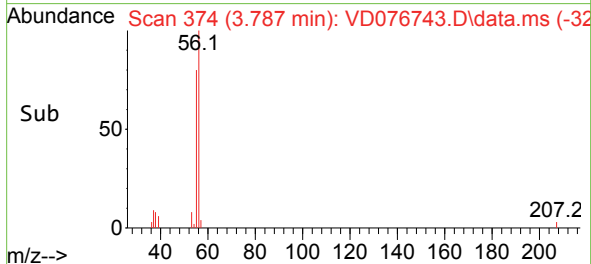
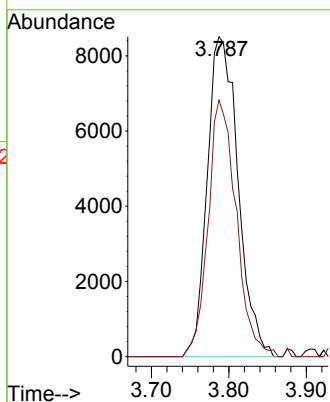
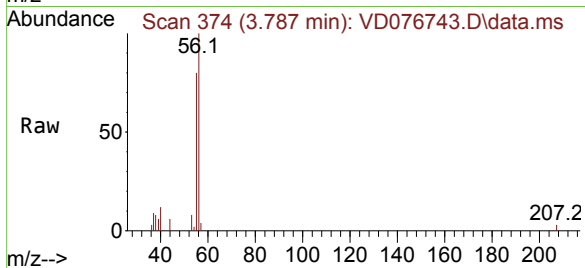
ICVVD071423

Tgt Ion: 56 Resp: 23485

Ion Ratio Lower Upper

56 100

55 73.3 55.1 82.7



#14

Allyl chloride

Concen: 49.847 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.012 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

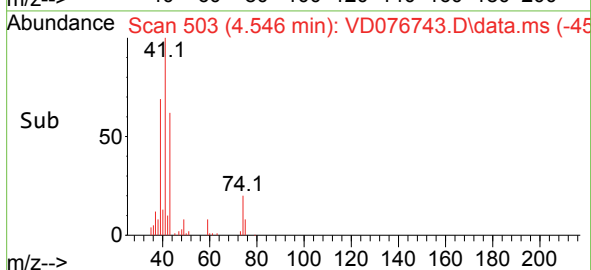
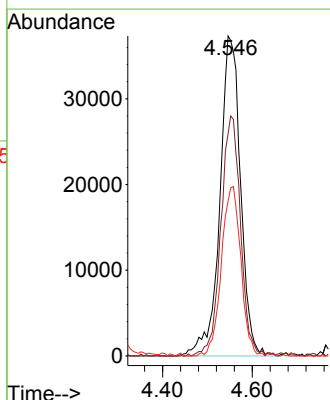
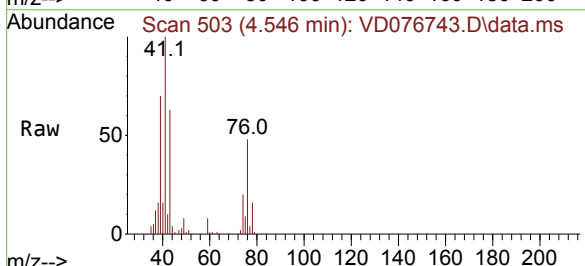
Tgt Ion: 41 Resp: 119538

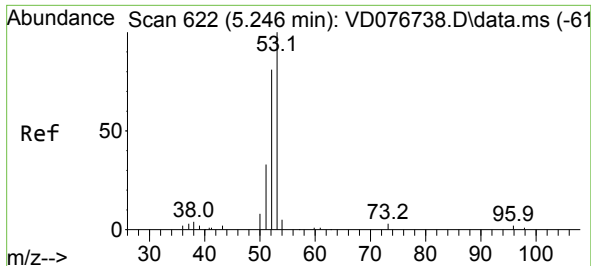
Ion Ratio Lower Upper

41 100

39 71.5 53.8 80.6

76 49.7 45.8 68.8

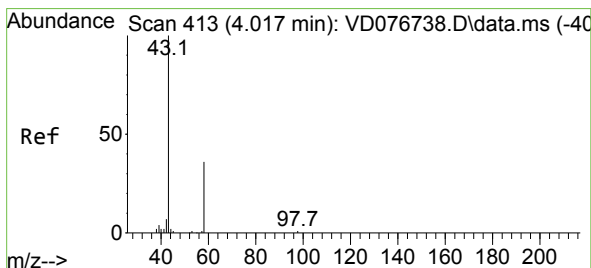
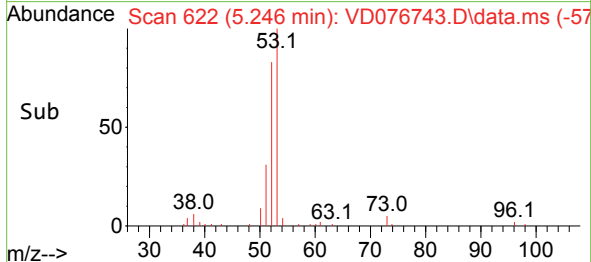
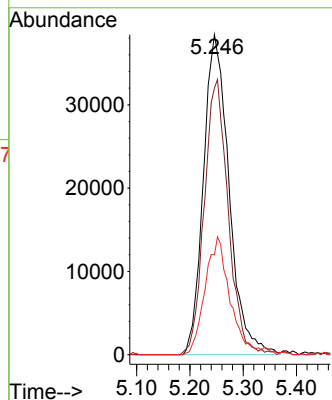
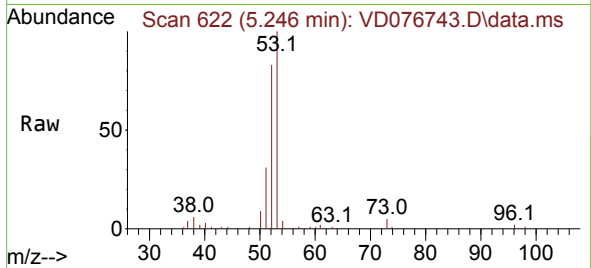




#15
Acrylonitrile
Concen: 254.578 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

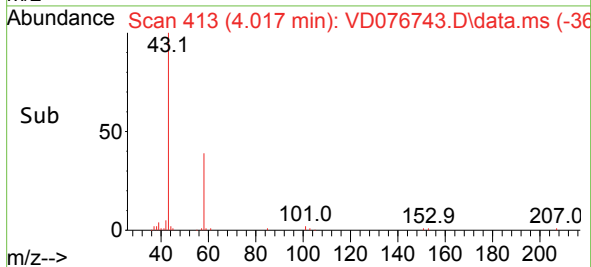
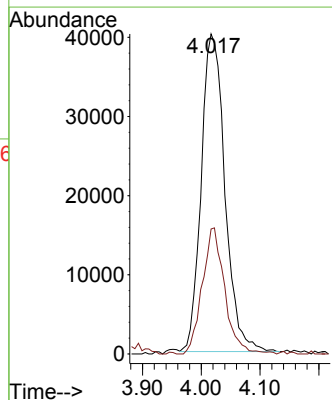
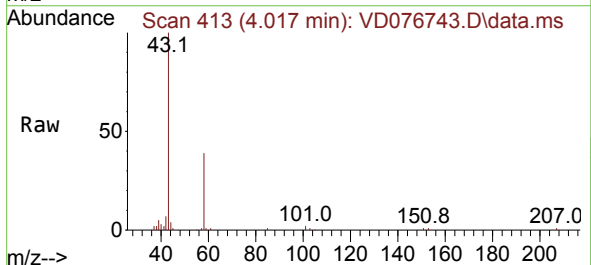
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

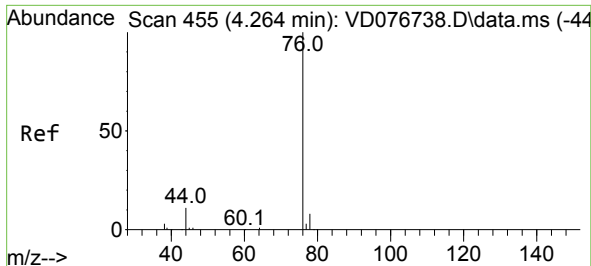
Tgt Ion: 53 Resp: 128751
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.4
51 35.5 28.3 42.5



#16
Acetone
Concen: 249.723 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 43 Resp: 112257
Ion Ratio Lower Upper
43 100
58 39.3 34.7 52.1

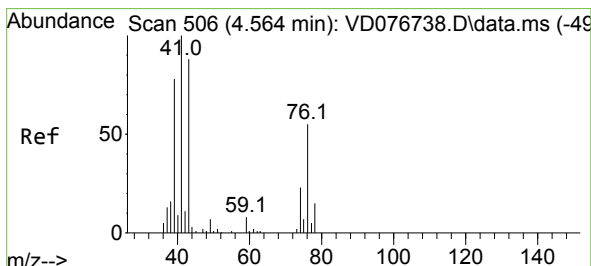
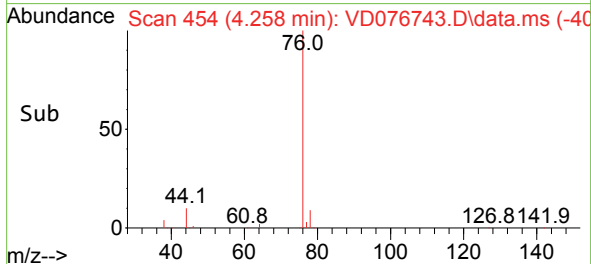
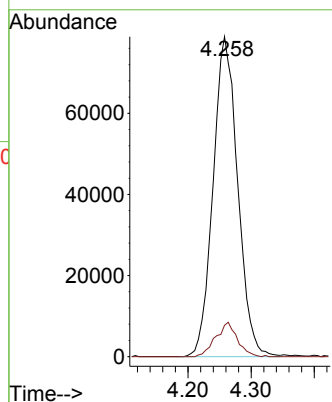
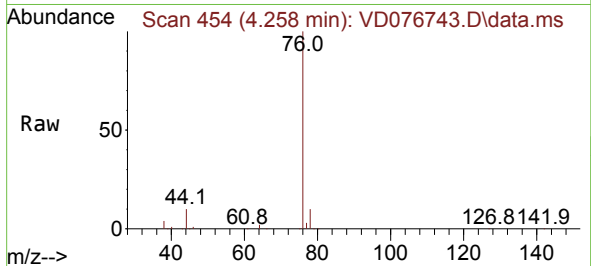




#17
Carbon Disulfide
Concen: 50.043 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

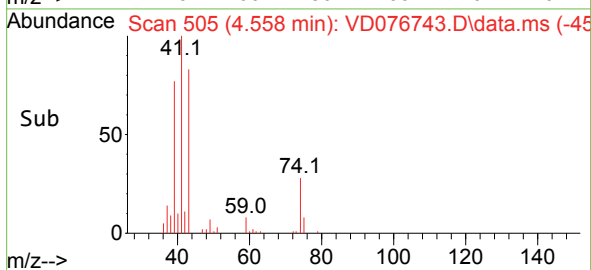
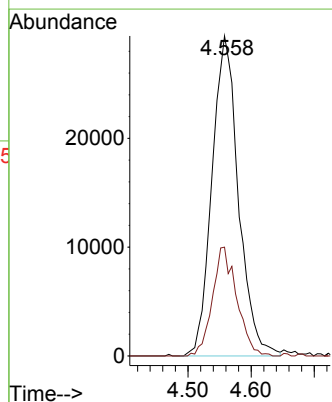
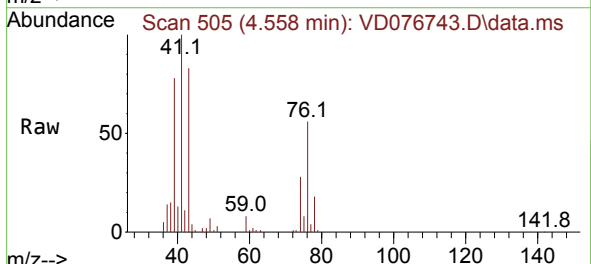
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

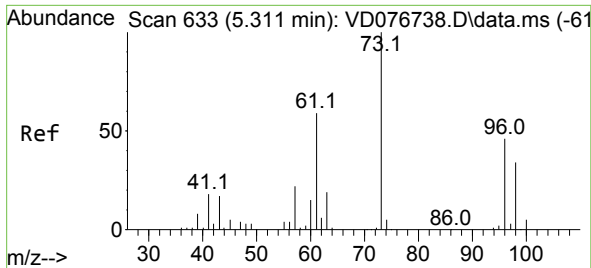
Tgt Ion: 76 Resp: 213383
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 51.066 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 43 Resp: 85740
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 52.033 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

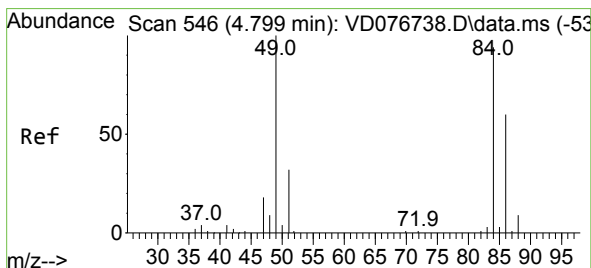
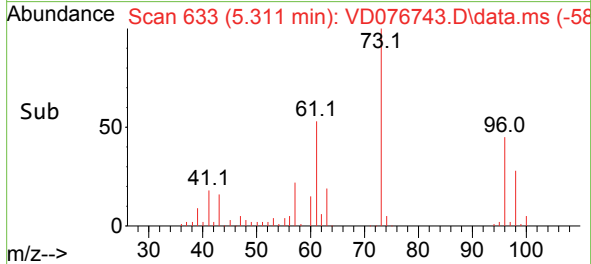
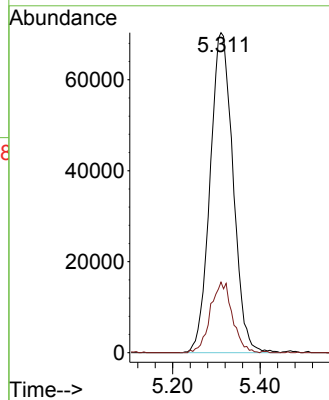
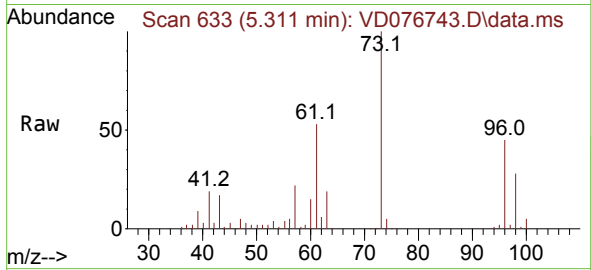
ICVVD071423

Tgt Ion: 73 Resp: 256091

Ion Ratio Lower Upper

73 100

57 22.1 16.6 25.0



#20

Methylene Chloride

Concen: 53.625 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion: 84 Resp: 136468

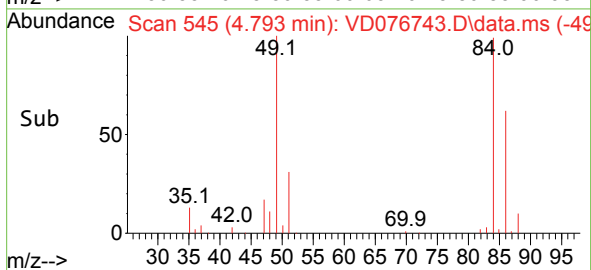
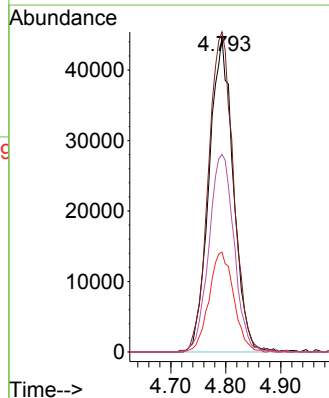
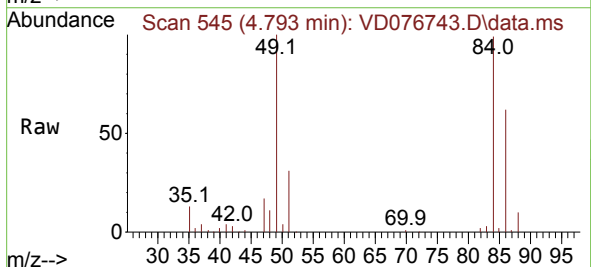
Ion Ratio Lower Upper

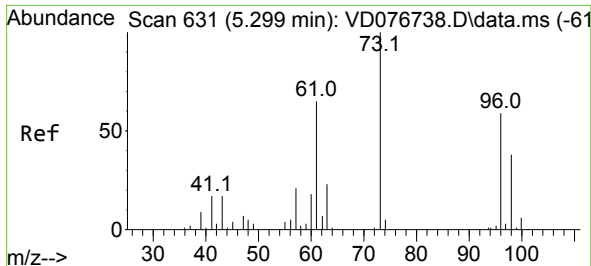
84 100

49 101.4 71.4 107.2

51 31.7 24.5 36.7

86 62.6 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 5.299 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

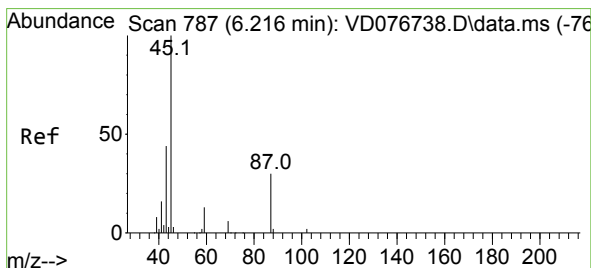
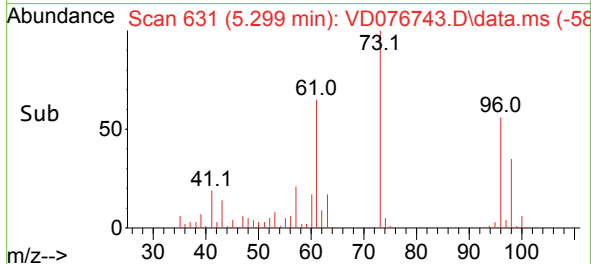
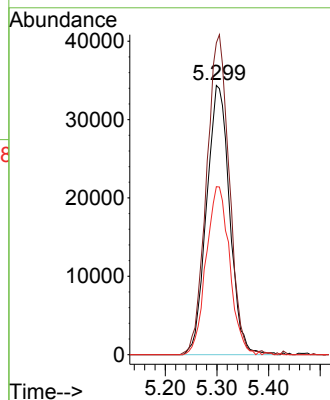
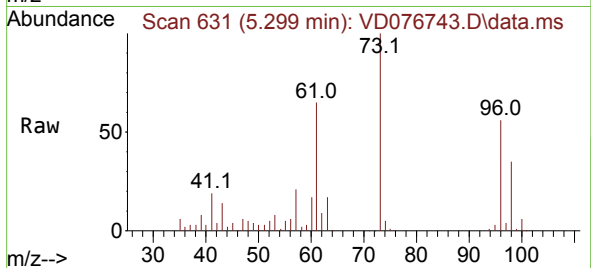
Tgt Ion: 96 Resp: 106390

Ion Ratio Lower Upper

96 100

61 115.8 89.3 133.9

98 62.4 48.6 73.0



#22

Diisopropyl ether

Concen: 51.386 ug/l

RT: 6.211 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion: 45 Resp: 292965

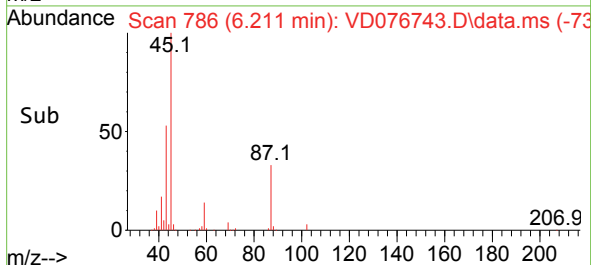
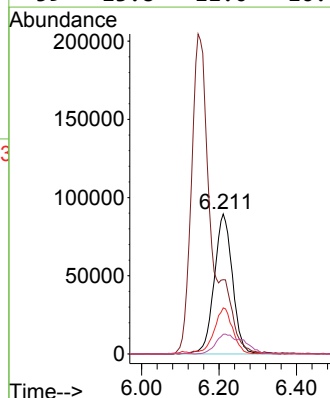
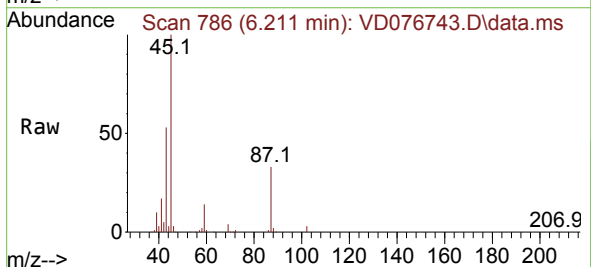
Ion Ratio Lower Upper

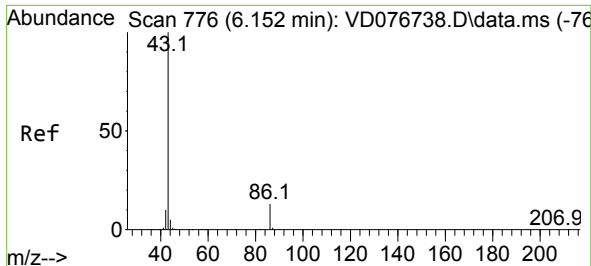
45 100

43 52.5 40.0 60.0

87 32.9 28.2 42.4

59 13.8 11.0 16.4

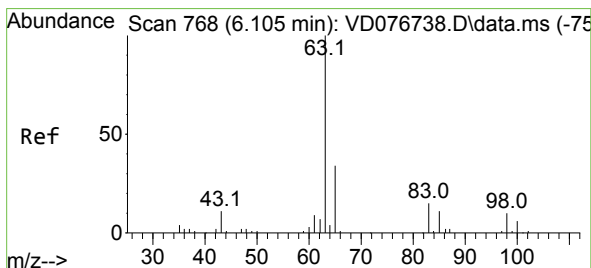
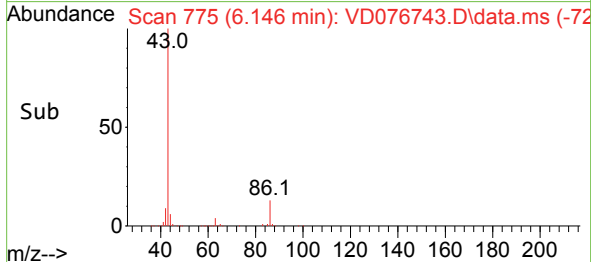
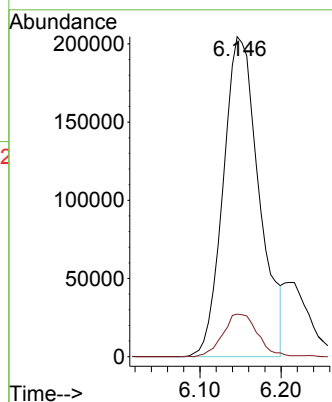
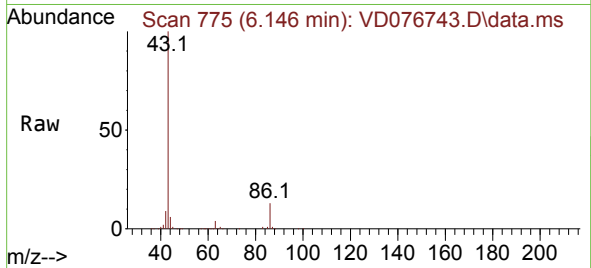




#23
 Vinyl Acetate
 Concen: 223.305 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

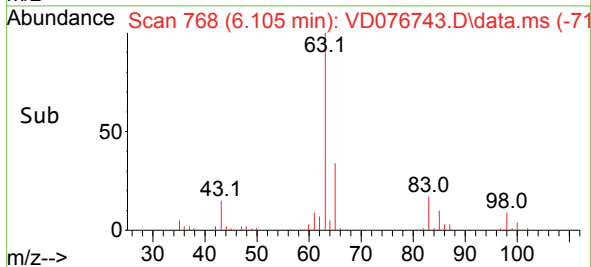
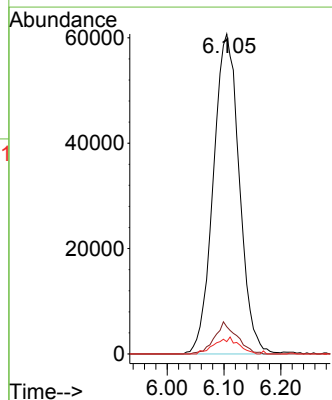
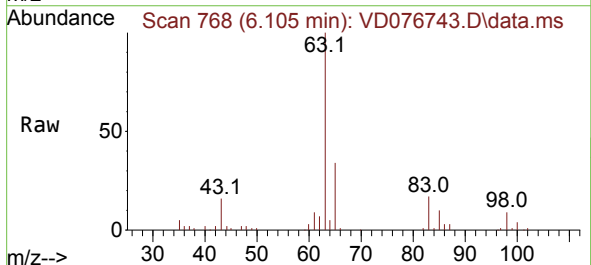
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

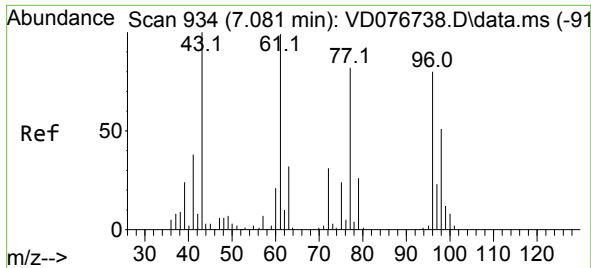
Tgt Ion: 43 Resp: 628644
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.656 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion: 63 Resp: 192916
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 3.9 2.5 7.5

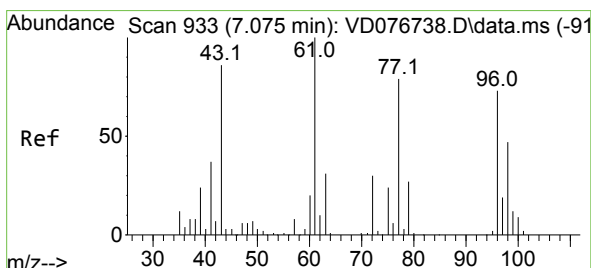
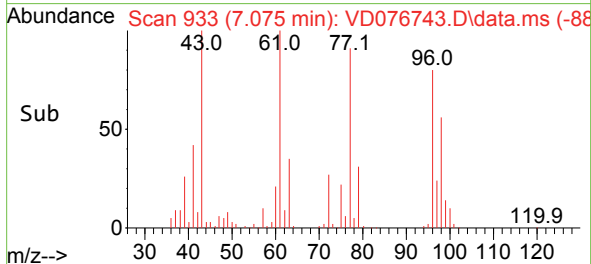
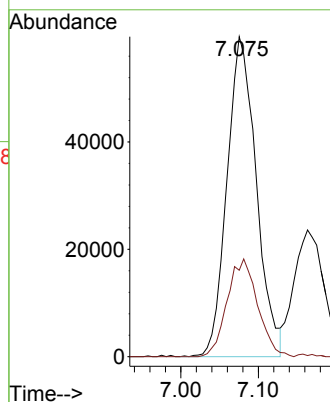
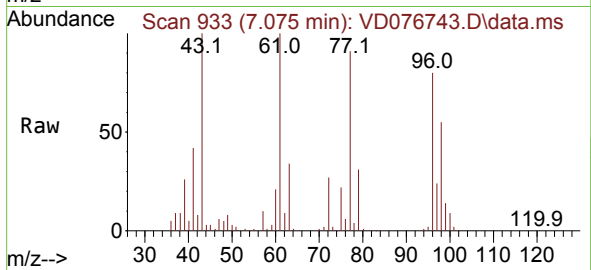




#25
2-Butanone
Concen: 261.254 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

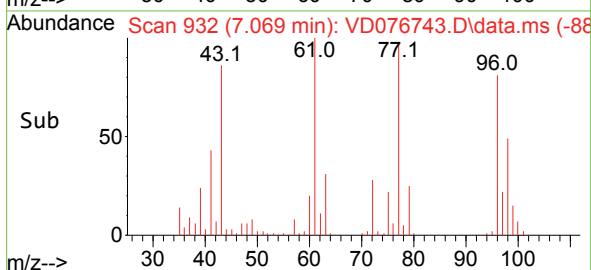
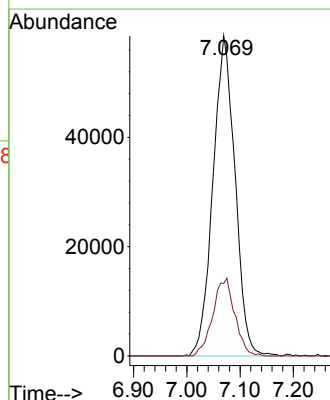
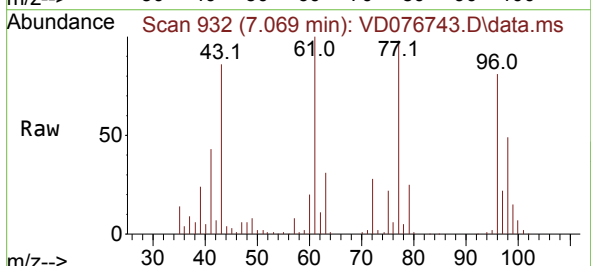
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

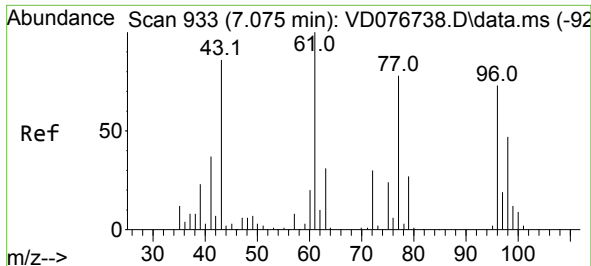
Tgt Ion: 43 Resp: 156969
Ion Ratio Lower Upper
43 100
72 27.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.095 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 77 Resp: 168599
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6



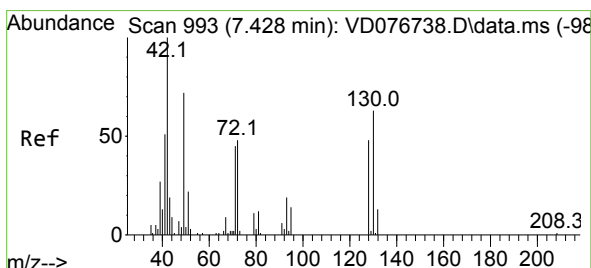
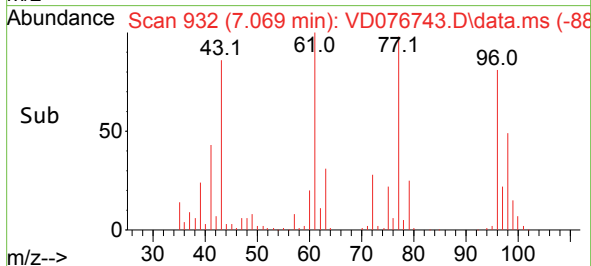
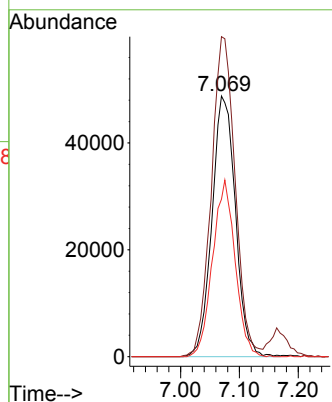
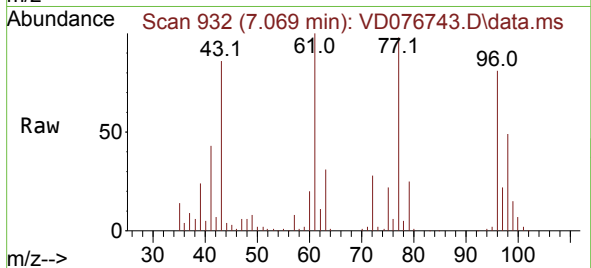


#27
 cis-1,2-Dichloroethene
 Concen: 51.353 ug/l
 RT: 7.069 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

Tgt Ion: 96 Resp: 135285

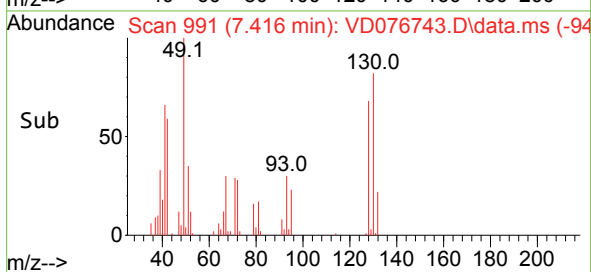
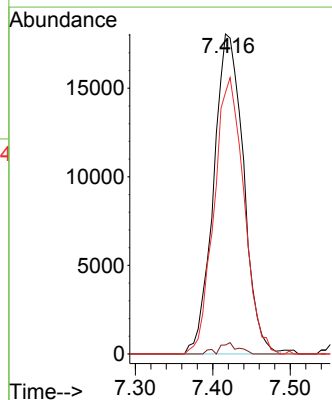
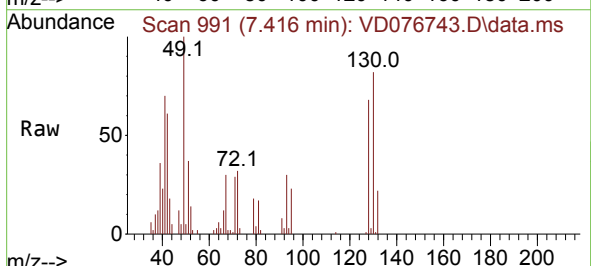
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	239.2
98	64.9	0.0	128.6

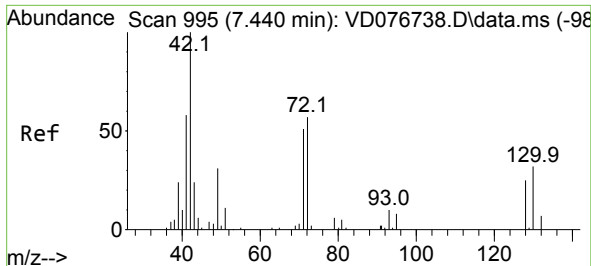


#28
 Bromochloromethane
 Concen: 55.545 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.012 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion: 49 Resp: 48458

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	86.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 261.866 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

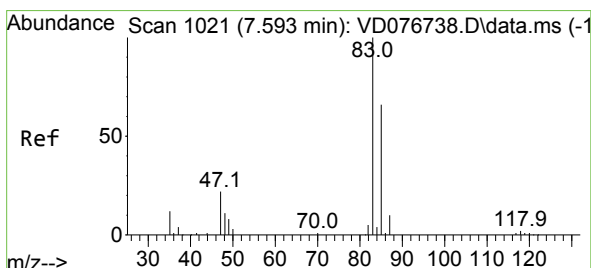
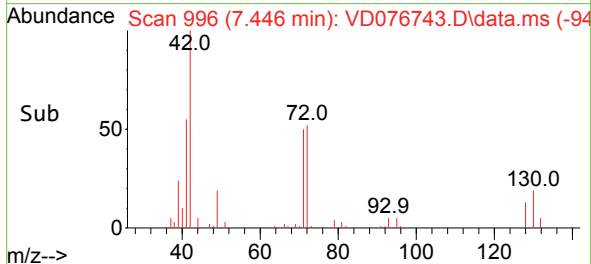
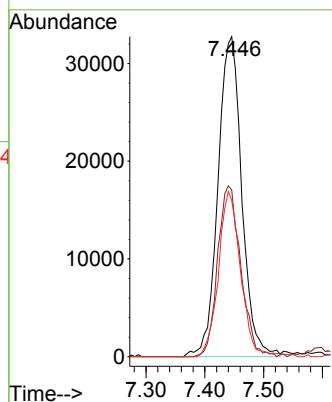
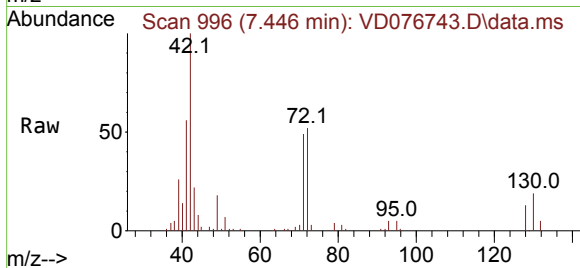
Tgt Ion: 42 Resp: 92168

Ion Ratio Lower Upper

42 100

72 51.7 46.5 69.7

71 47.6 44.5 66.7



#30

Chloroform

Concen: 50.753 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076743.D

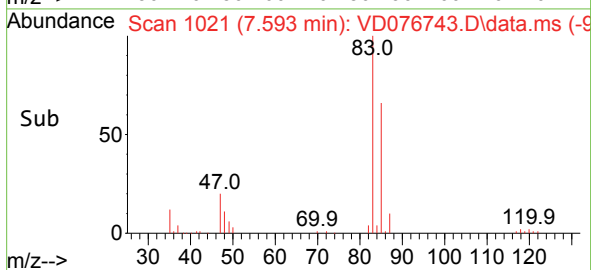
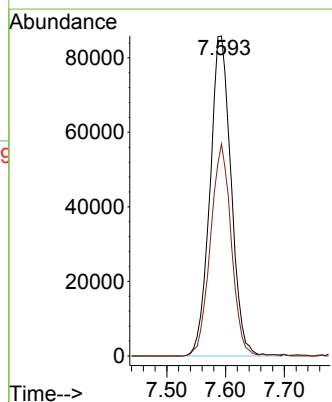
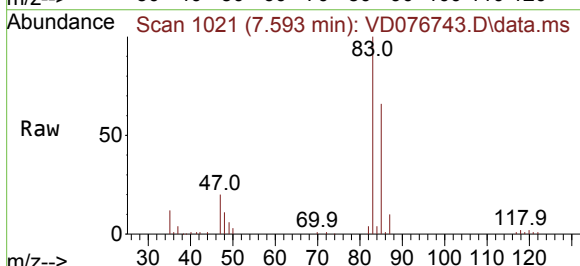
Acq: 14 Jul 2023 16:35

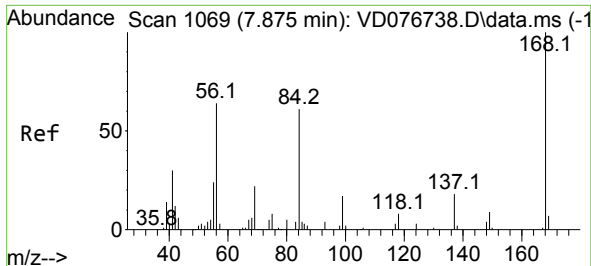
Tgt Ion: 83 Resp: 214040

Ion Ratio Lower Upper

83 100

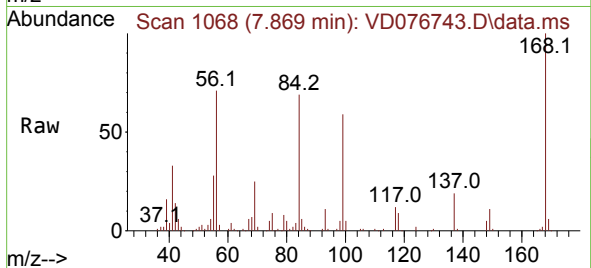
85 66.3 53.4 80.2



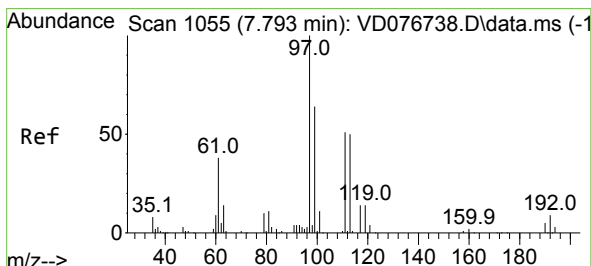
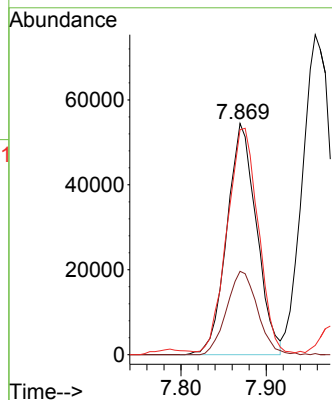
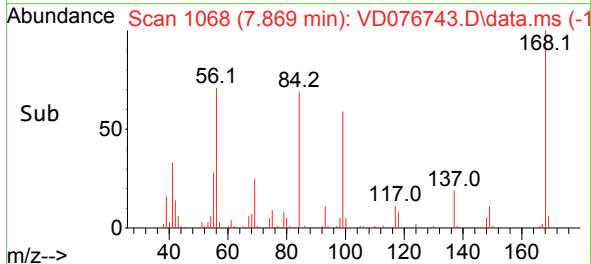


#31
Cyclohexane
Concen: 48.075 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

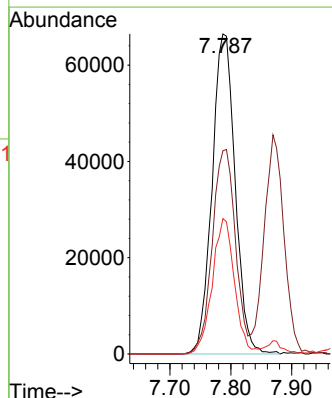
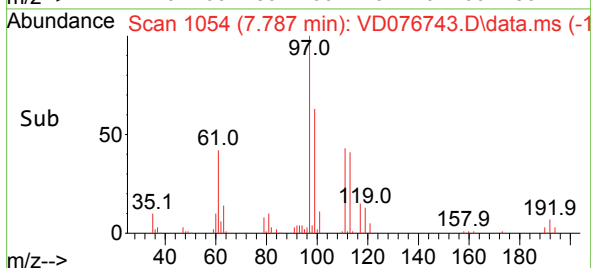
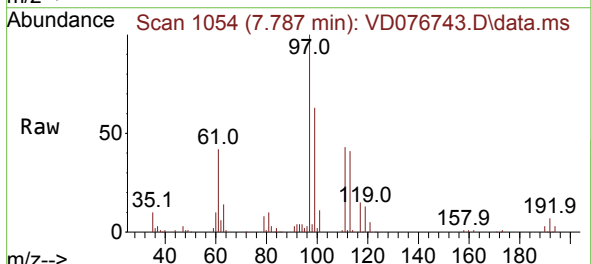


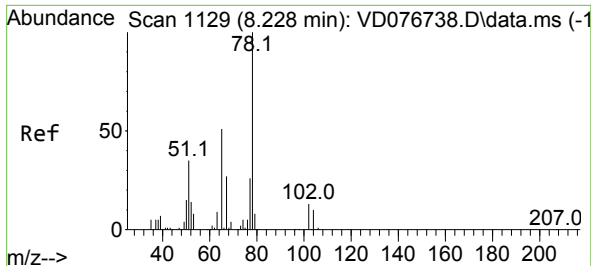
Tgt Ion: 56 Resp: 131787
Ion Ratio Lower Upper
56 100
69 36.1 28.6 43.0
84 95.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 51.170 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 97 Resp: 174902
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 40.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.190 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

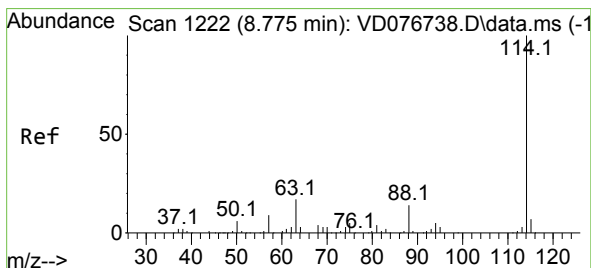
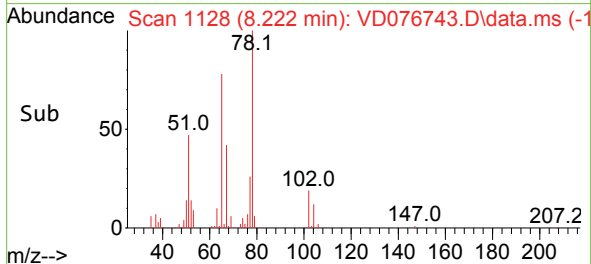
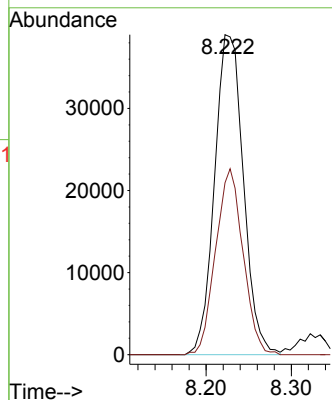
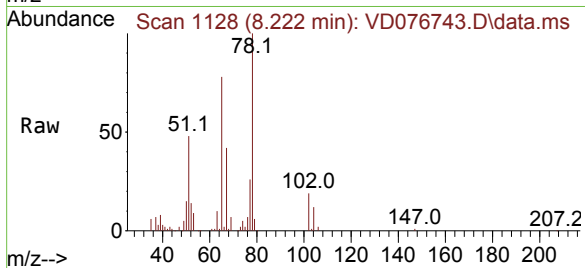
ICVVD071423

Tgt Ion: 65 Resp: 91720

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

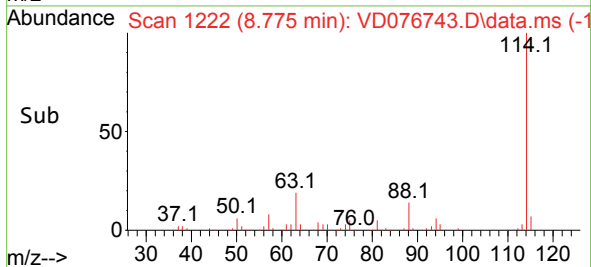
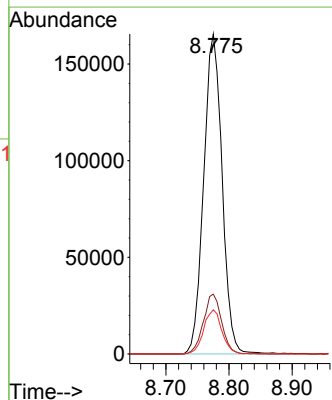
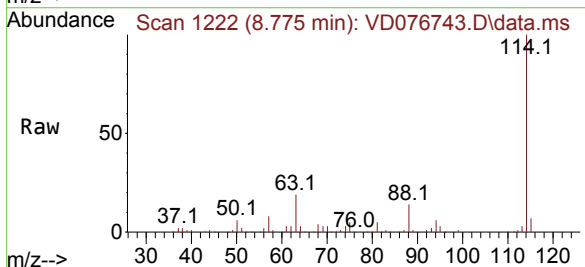
Tgt Ion: 114 Resp: 335070

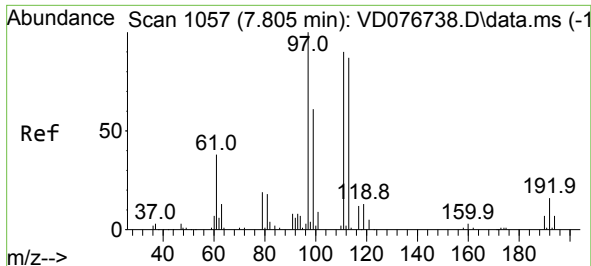
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.931 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

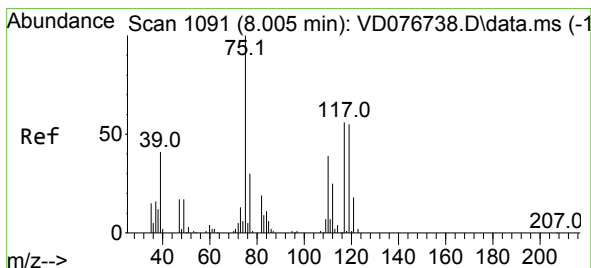
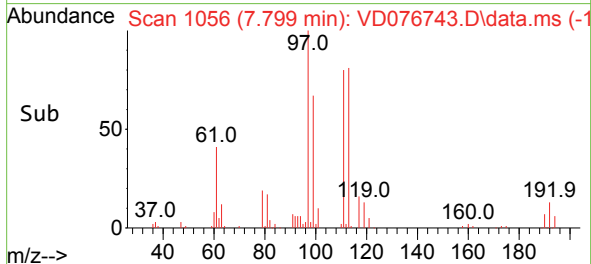
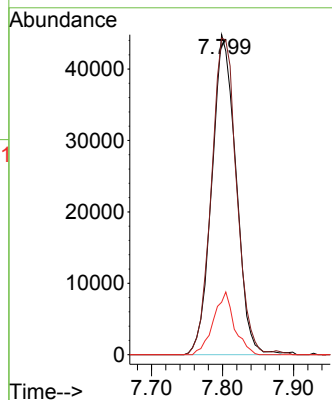
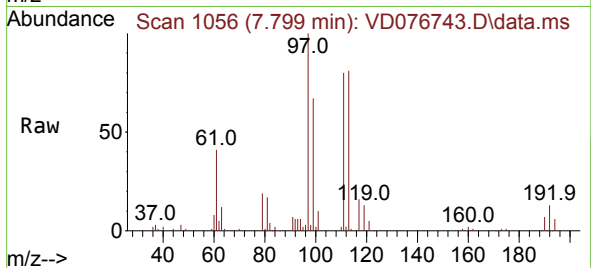
Tgt Ion:113 Resp: 105920

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 16.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 52.277 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

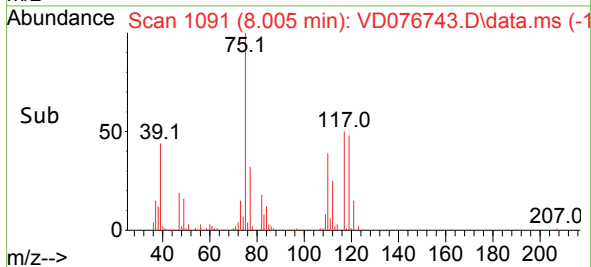
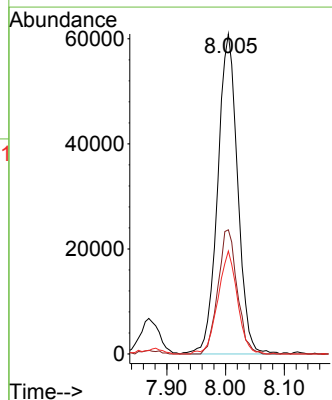
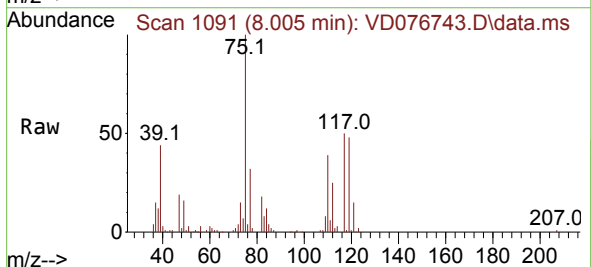
Tgt Ion: 75 Resp: 143663

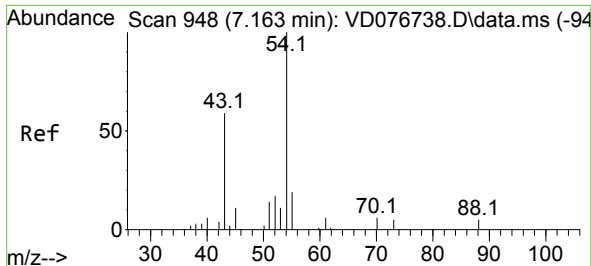
Ion Ratio Lower Upper

75 100

110 37.3 19.9 59.6

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 53.760 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

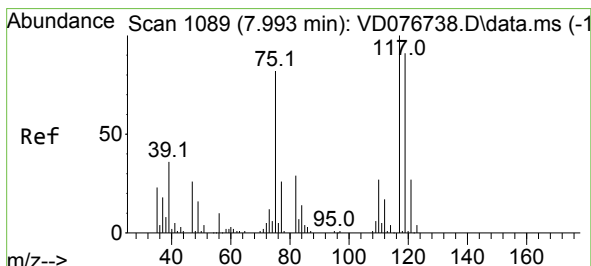
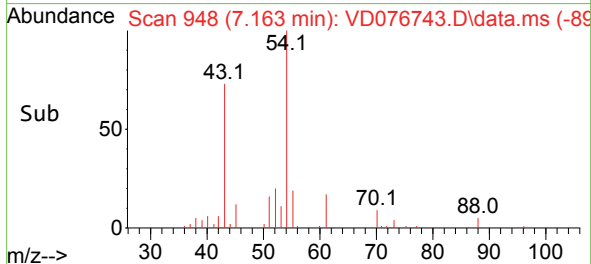
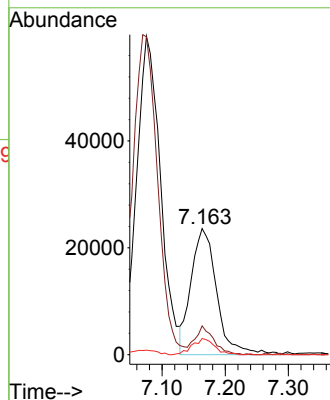
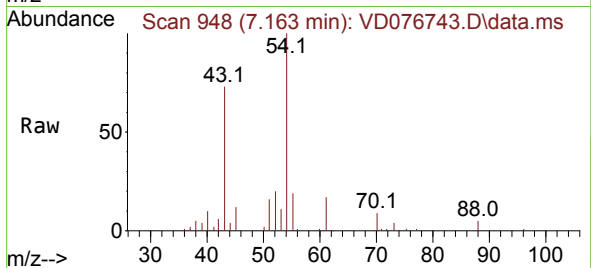
Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion:	43	Resp:	66780
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.9	22.3
70	11.1	10.0	15.0



#38

Carbon Tetrachloride

Concen: 53.974 ug/l

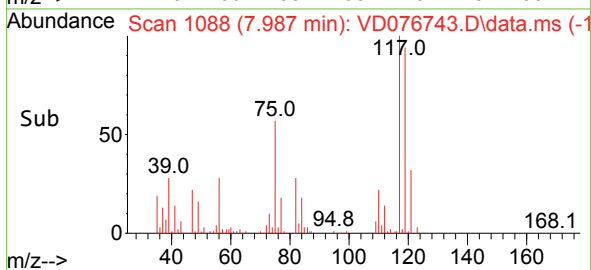
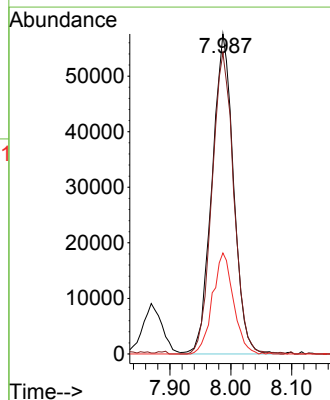
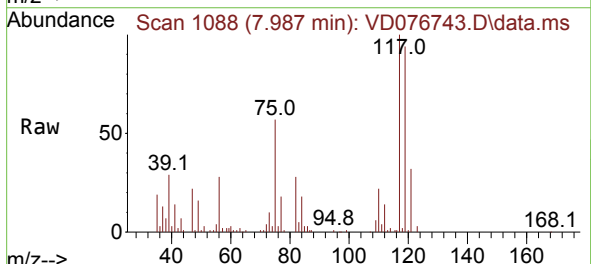
RT: 7.987 min Scan# 1088

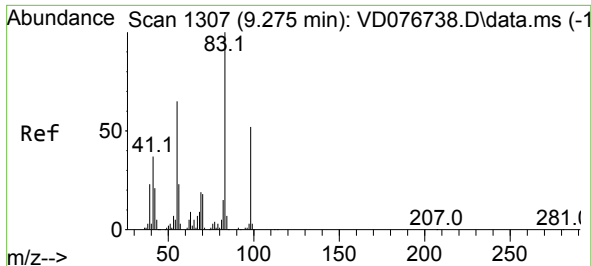
Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:	117	Resp:	141475
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.0	117.0
121	31.6	24.2	36.2





#39

Methylcyclohexane

Concen: 54.214 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

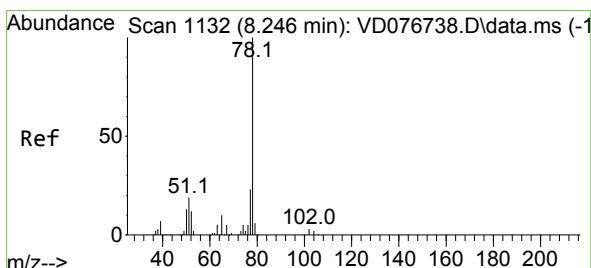
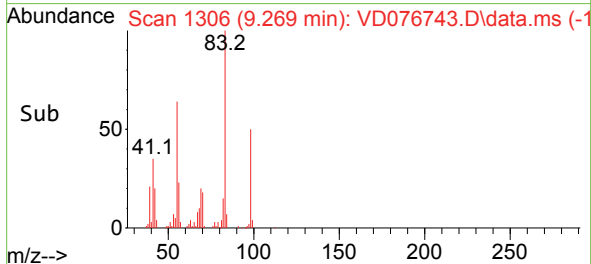
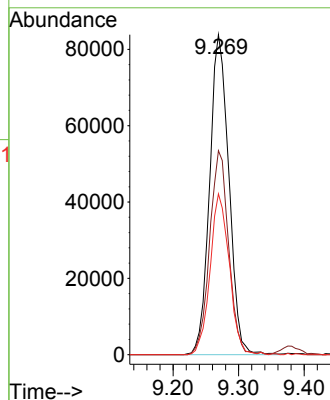
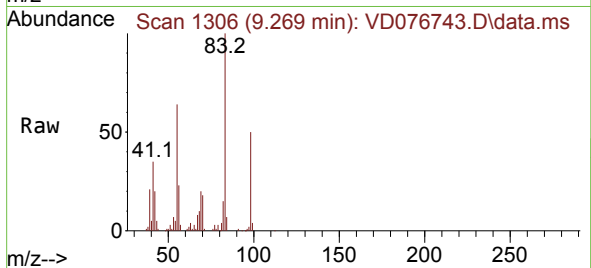
Tgt Ion: 83 Resp: 170750

Ion Ratio Lower Upper

83 100

55 63.8 49.4 74.0

98 50.3 38.4 57.6



#40

Benzene

Concen: 50.778 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD076743.D

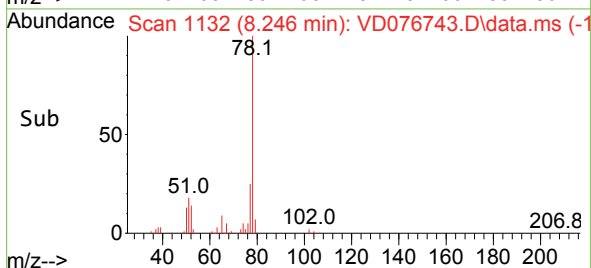
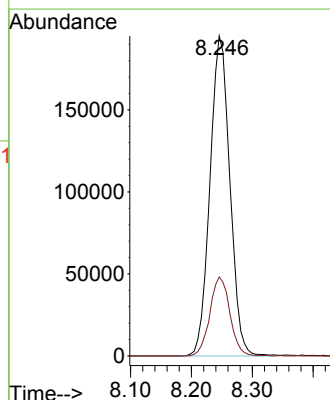
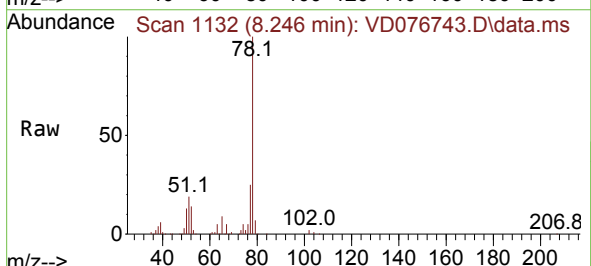
Acq: 14 Jul 2023 16:35

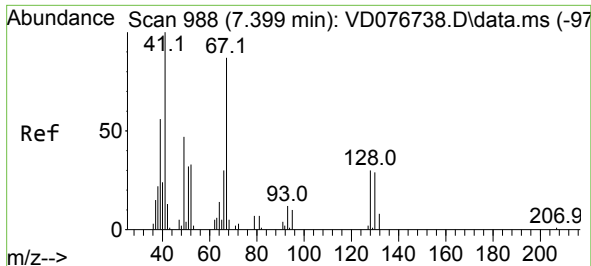
Tgt Ion: 78 Resp: 443211

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

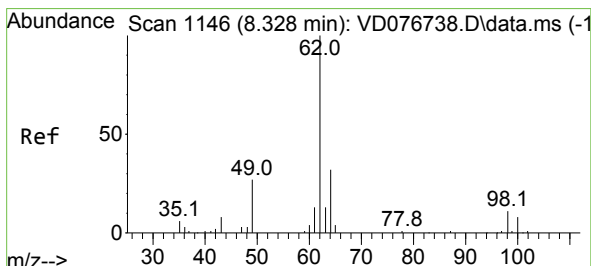
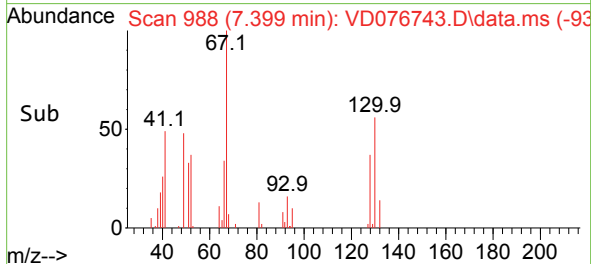
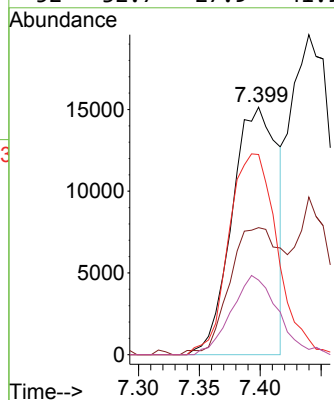
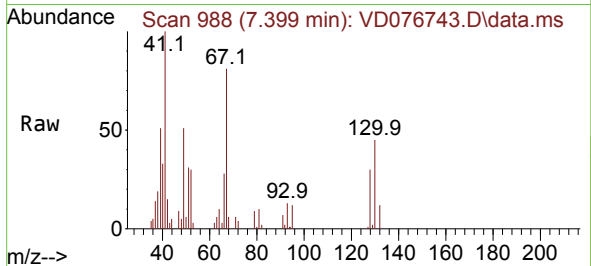




#41
Methacrylonitrile
Concen: 52.389 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

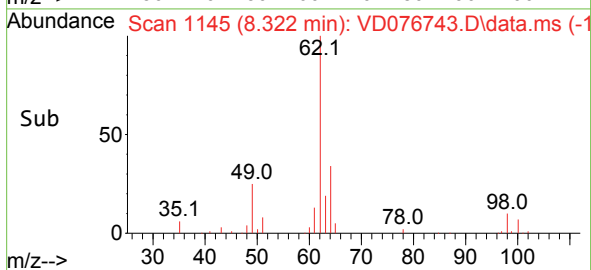
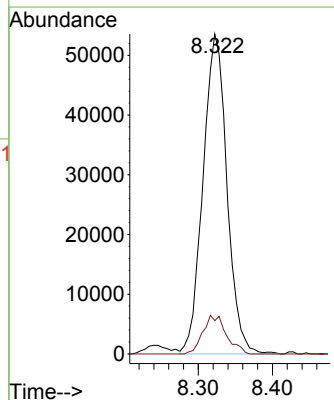
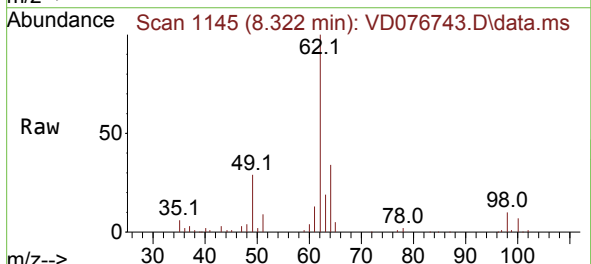
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

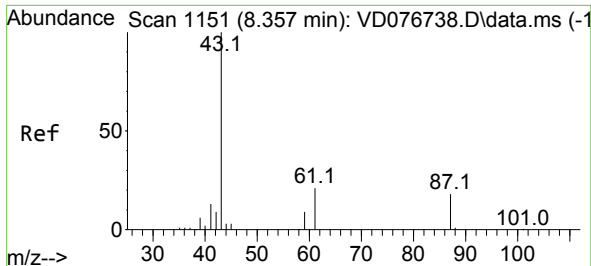
Tgt Ion: 41 Resp: 39424
Ion Ratio Lower Upper
41 100
39 59.6 34.0 51.0#
67 86.3 77.0 115.4
52 32.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 52.723 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 62 Resp: 120282
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4

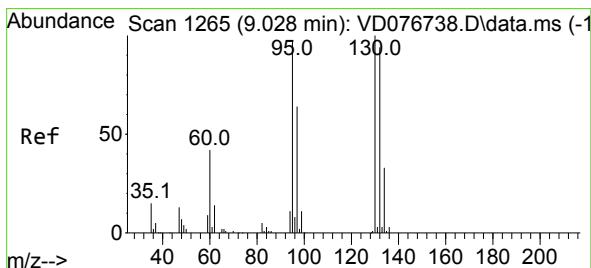
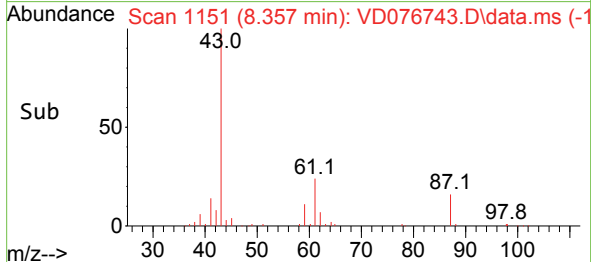
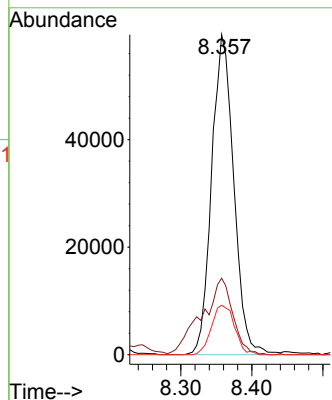
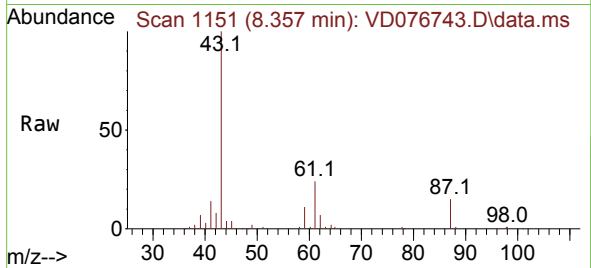




#43
Isopropyl Acetate
Concen: 53.404 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

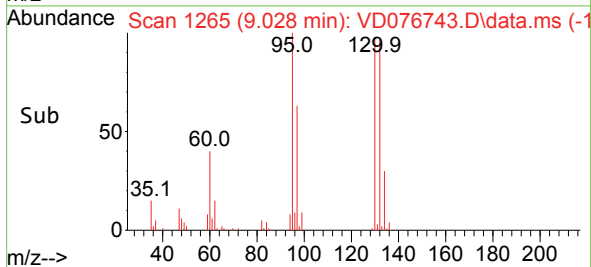
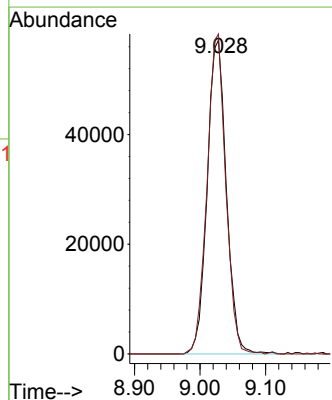
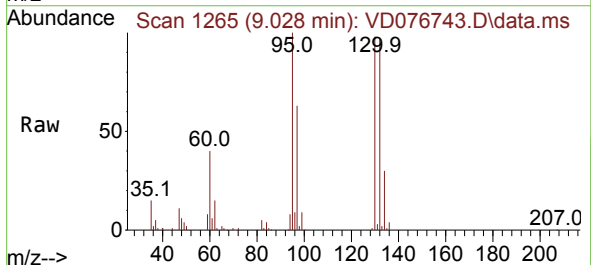
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

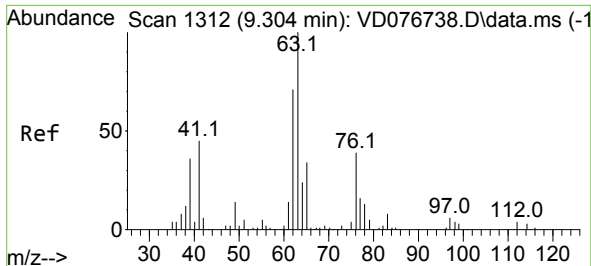
Tgt Ion: 43 Resp: 128618
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 16.2 14.9 22.3



#44
Trichloroethene
Concen: 49.159 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:130 Resp: 116315
Ion Ratio Lower Upper
130 100
95 102.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.850 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

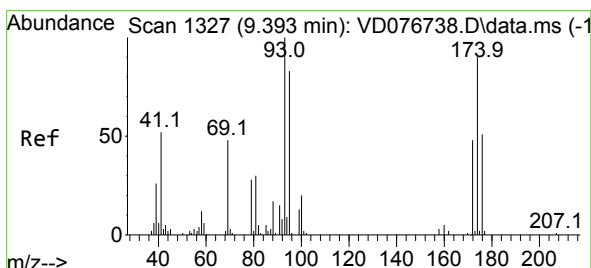
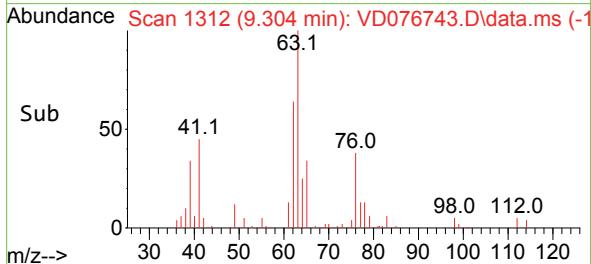
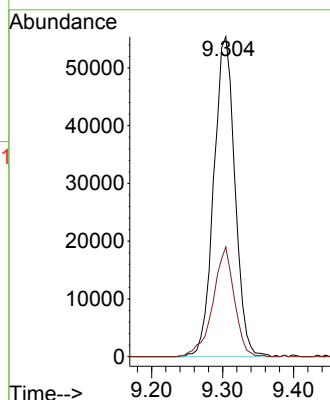
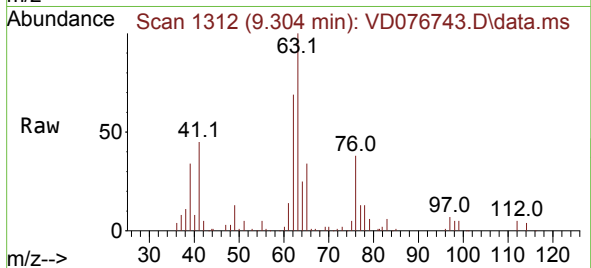
ICVVD071423

Tgt Ion: 63 Resp: 114192

Ion Ratio Lower Upper

63 100

65 34.3 24.5 36.7



#46

Dibromomethane

Concen: 52.145 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

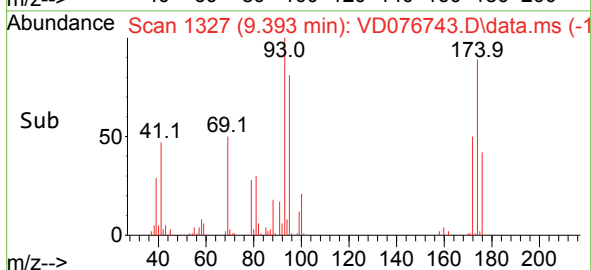
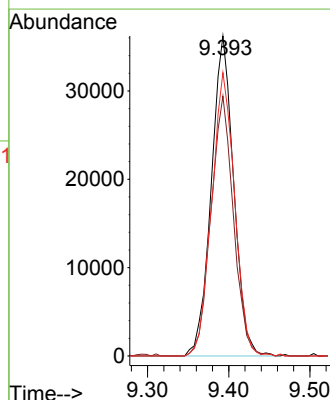
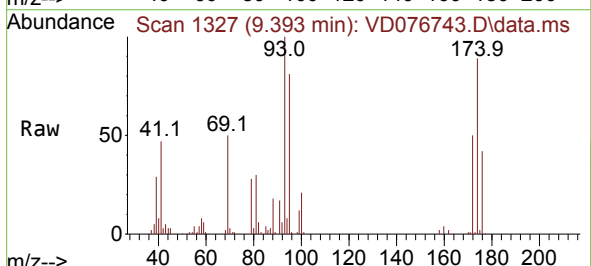
Tgt Ion: 93 Resp: 69407

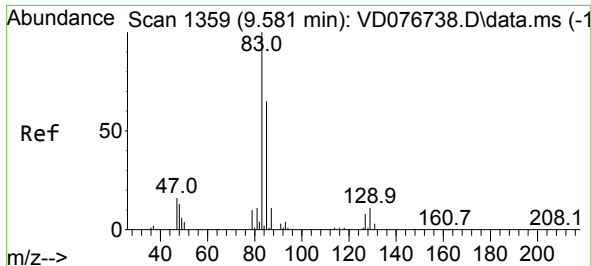
Ion Ratio Lower Upper

93 100

95 81.7 67.7 101.5

174 90.6 85.4 128.2

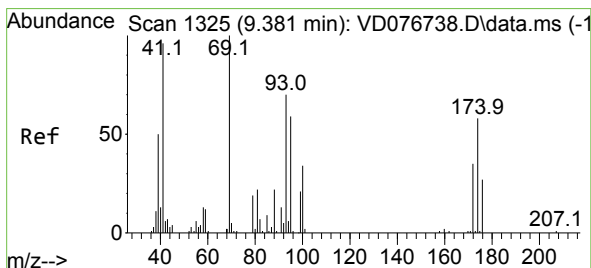
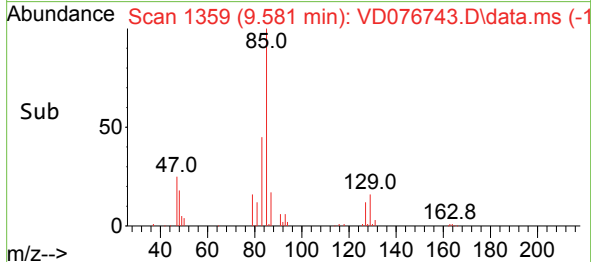
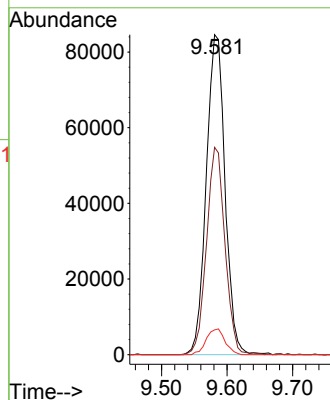
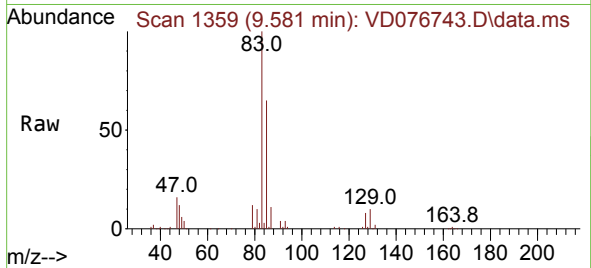




#47
Bromodichloromethane
Concen: 51.083 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

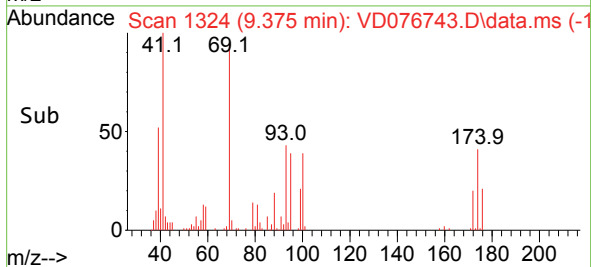
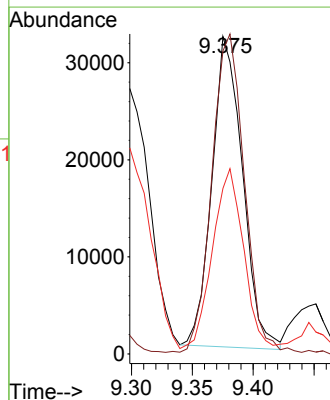
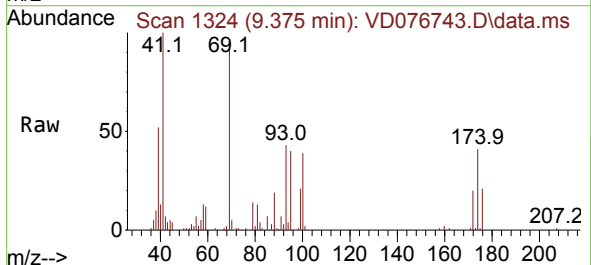
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

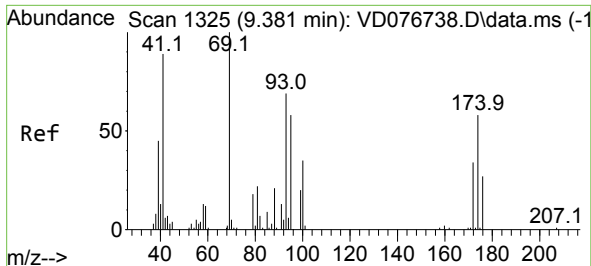
Tgt Ion: 83 Resp: 168509
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 50.782 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 41 Resp: 56026
Ion Ratio Lower Upper
41 100
69 108.7 102.2 153.2
39 61.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1037.277 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076743.D

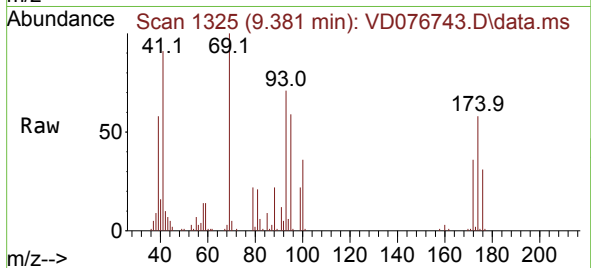
Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423



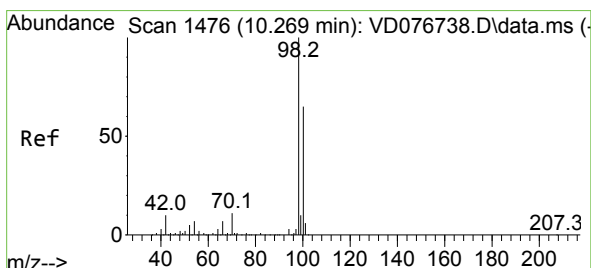
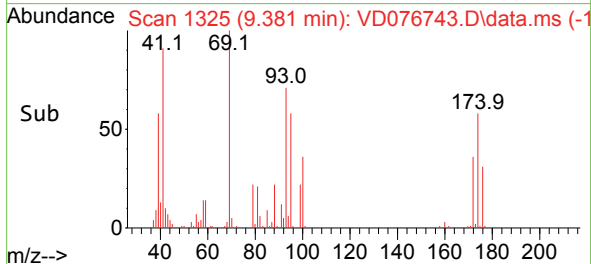
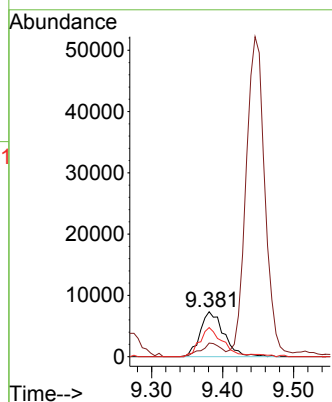
Tgt Ion: 88 Resp: 17032

Ion Ratio Lower Upper

88 100

43 25.9 19.0 28.6

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 47.338 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076743.D

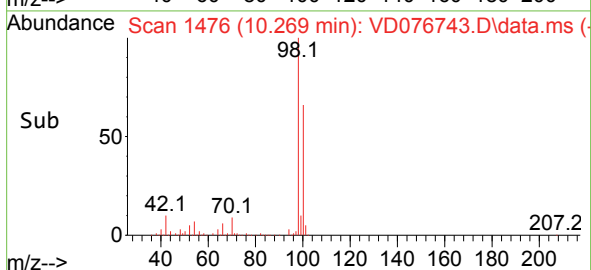
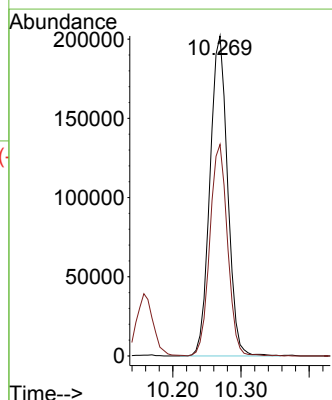
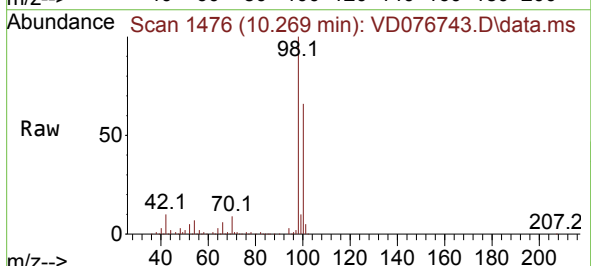
Acq: 14 Jul 2023 16:35

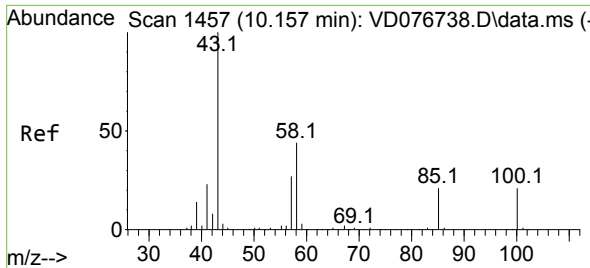
Tgt Ion: 98 Resp: 364811

Ion Ratio Lower Upper

98 100

100 66.0 50.3 75.5

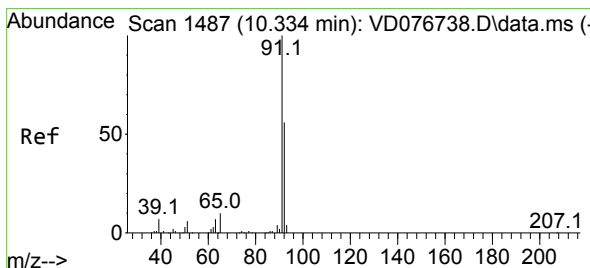
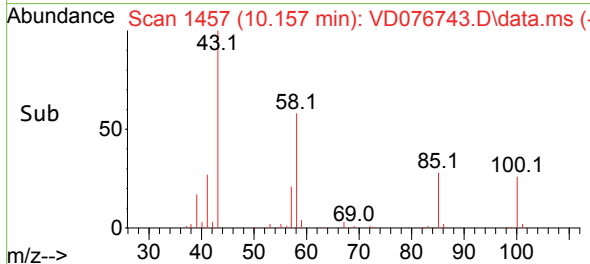
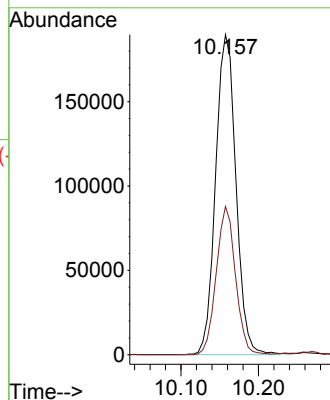
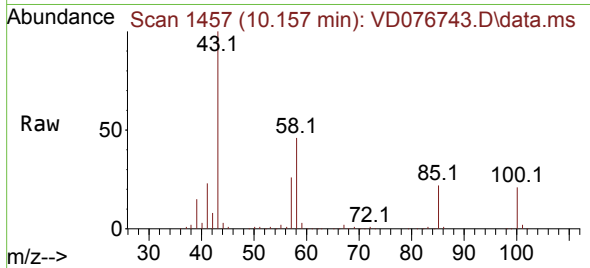




#51
4-Methyl-2-Pentanone
Concen: 268.658 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

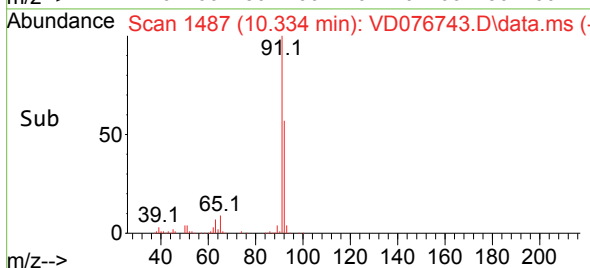
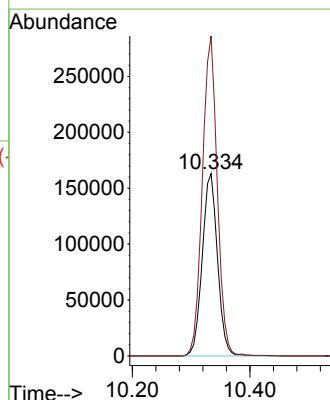
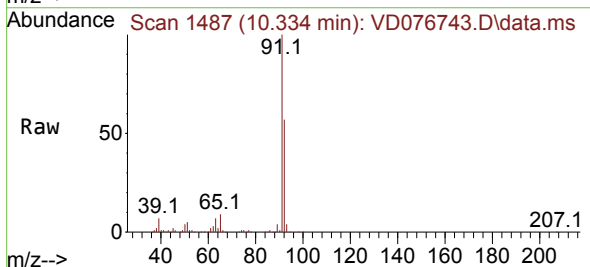
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

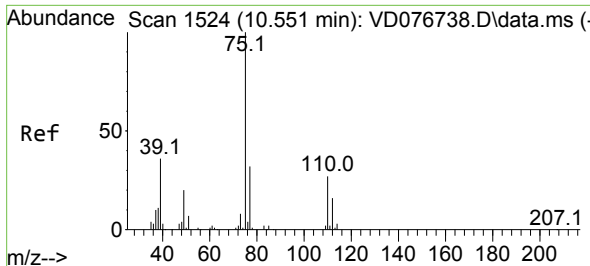
Tgt Ion: 43 Resp: 345728
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#52
Toluene
Concen: 51.561 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 92 Resp: 293836
Ion Ratio Lower Upper
92 100
91 172.1 143.0 214.4

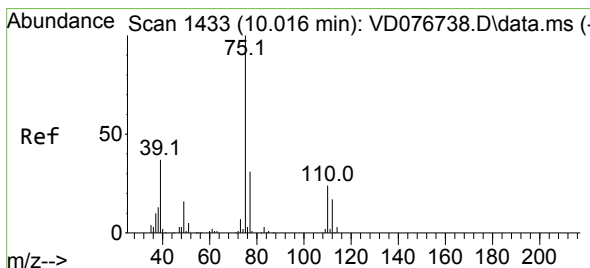
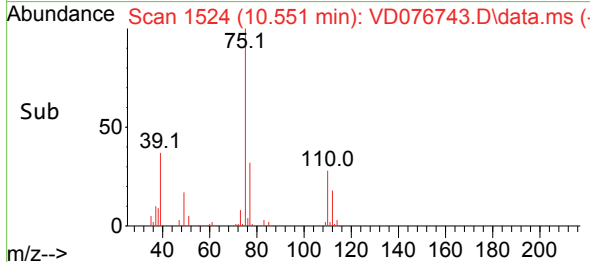
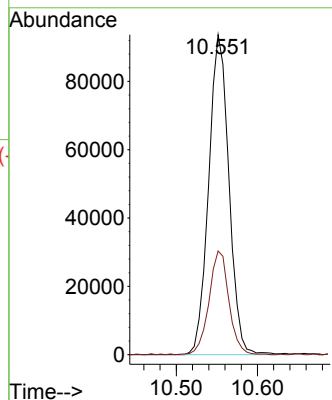
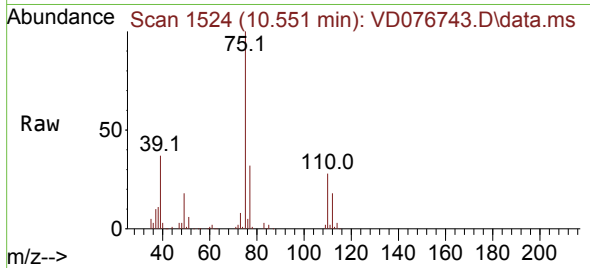




#53
 t-1,3-Dichloropropene
 Concen: 53.272 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

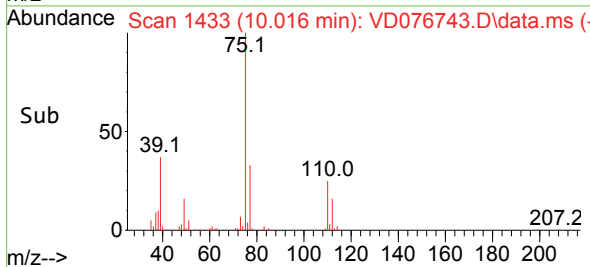
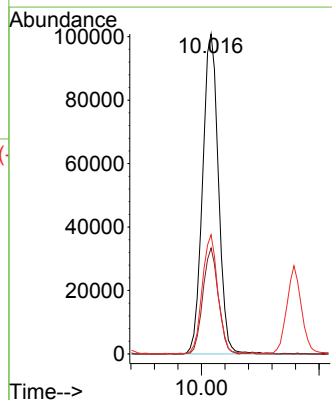
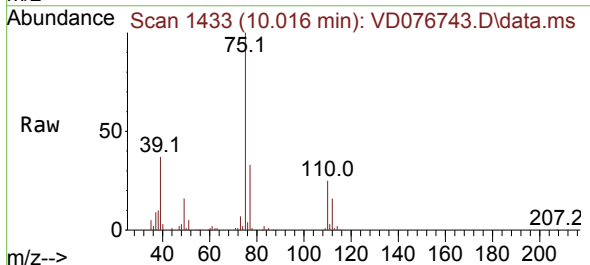
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

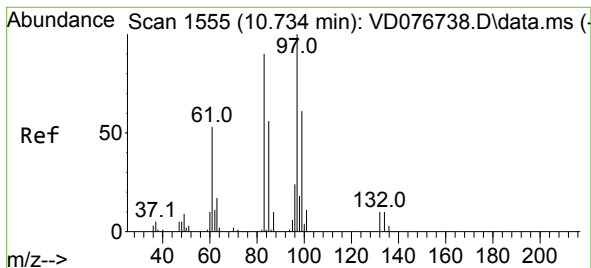
Tgt Ion: 75 Resp: 162286
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.964 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion: 75 Resp: 188144
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 39 37.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 51.816 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

Tgt Ion: 97 Resp: 100246

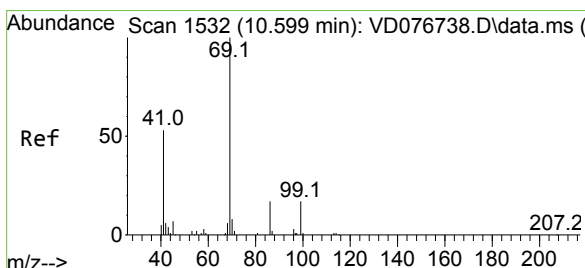
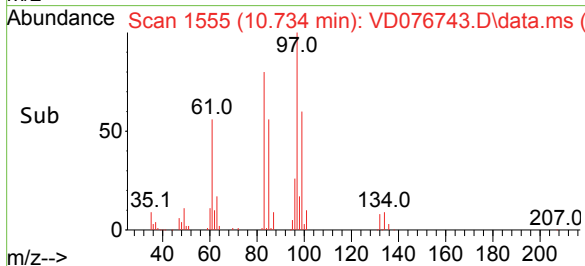
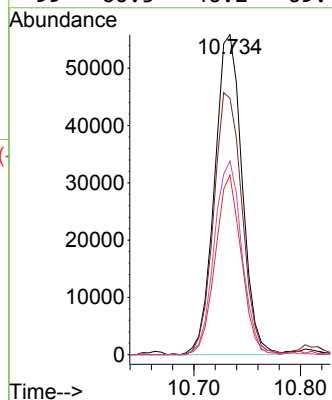
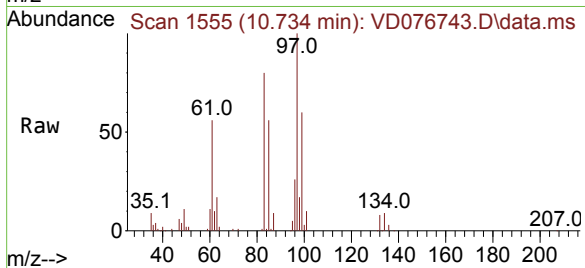
Ion Ratio Lower Upper

97 100

83 80.1 65.8 98.6

85 56.1 45.7 68.5

99 60.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 53.843 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

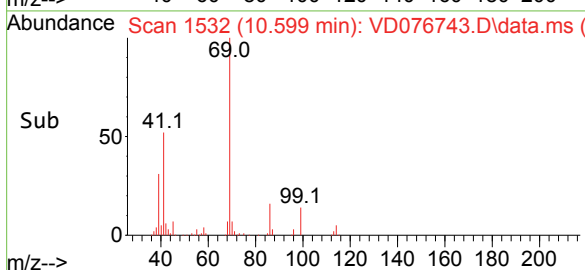
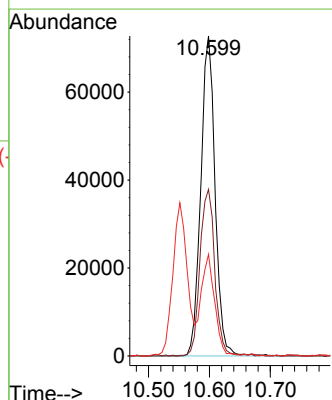
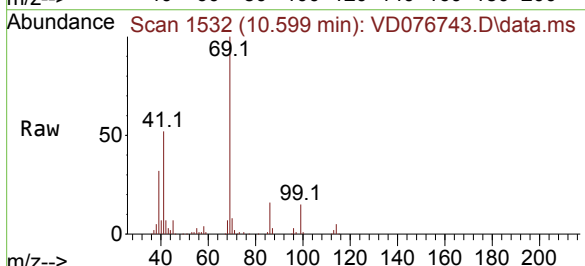
Tgt Ion: 69 Resp: 118686

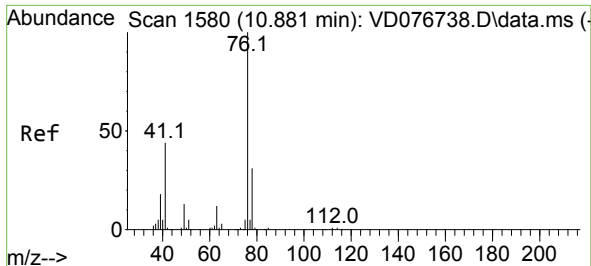
Ion Ratio Lower Upper

69 100

41 54.2 39.1 58.7

39 29.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 51.043 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

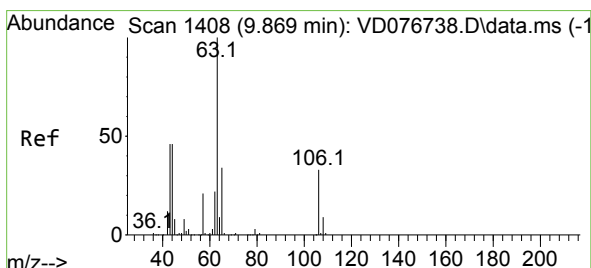
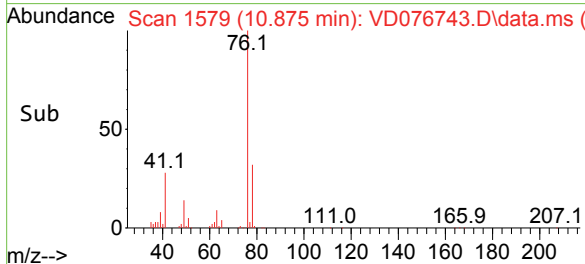
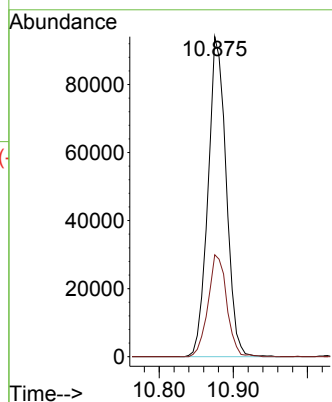
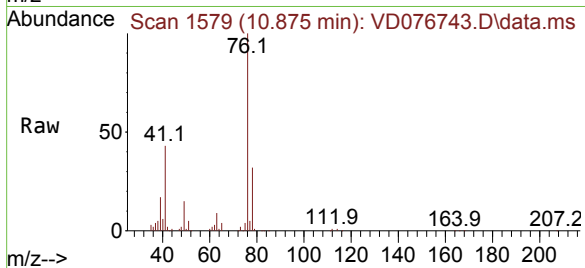
ICVVD071423

Tgt Ion: 76 Resp: 159906

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 249.273 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076743.D

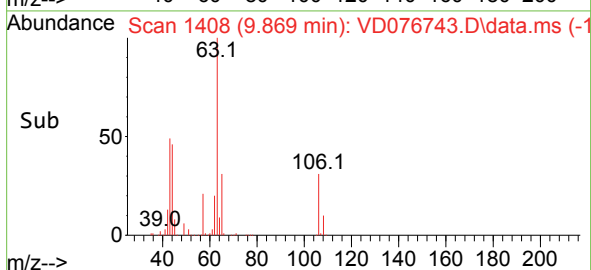
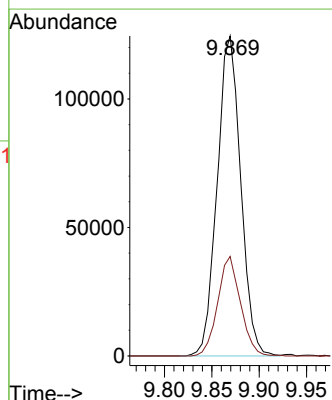
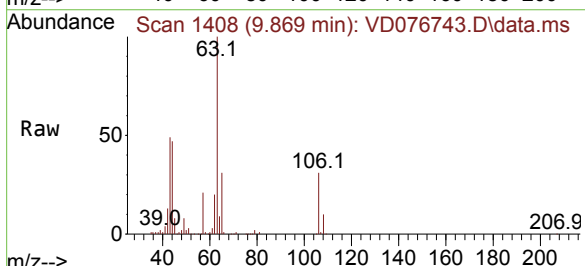
Acq: 14 Jul 2023 16:35

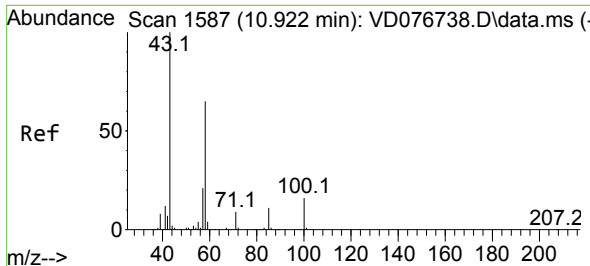
Tgt Ion: 63 Resp: 215418

Ion Ratio Lower Upper

63 100

106 30.1 25.3 37.9

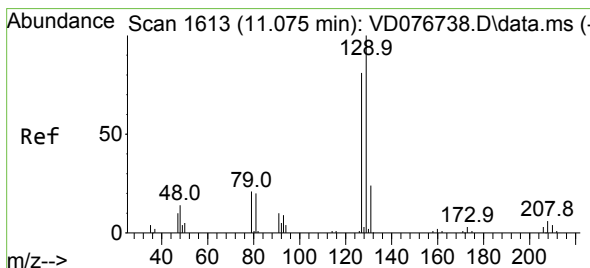
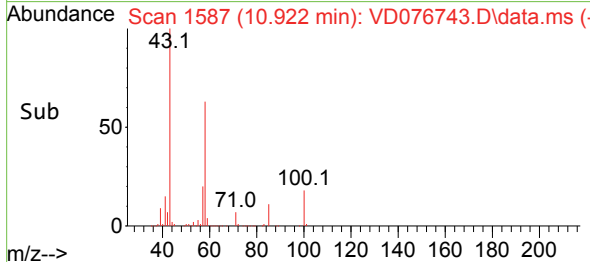
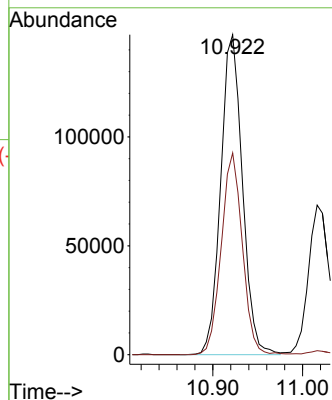
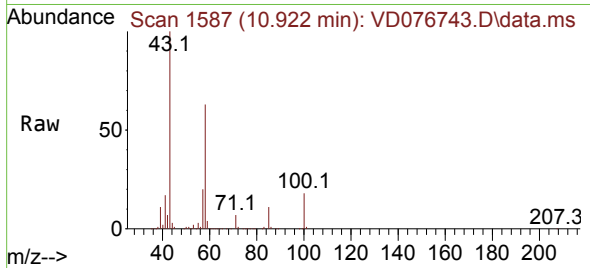




#59
2-Hexanone
Concen: 268.020 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

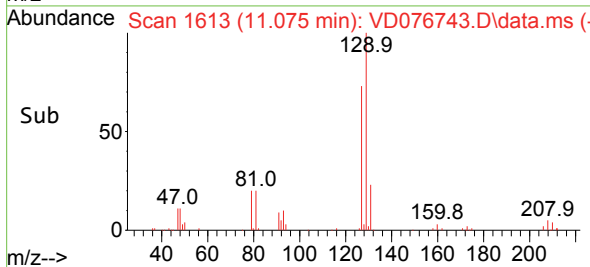
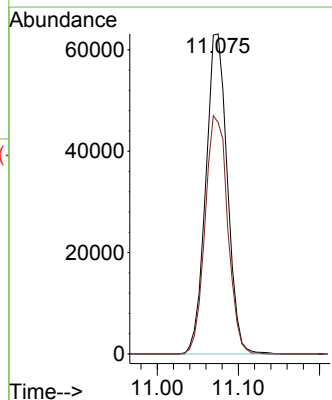
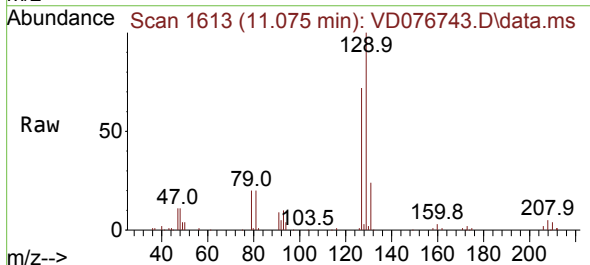
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

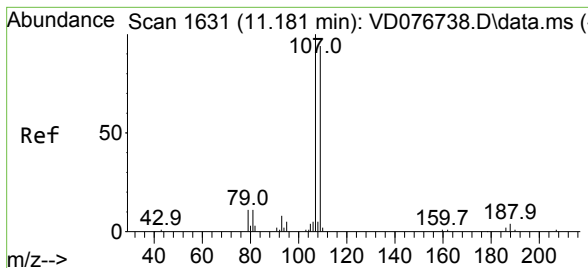
Tgt Ion: 43 Resp: 246844
Ion Ratio Lower Upper
43 100
58 61.3 34.1 102.2



#60
Dibromochloromethane
Concen: 52.050 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 129 Resp: 116216
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 51.469 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

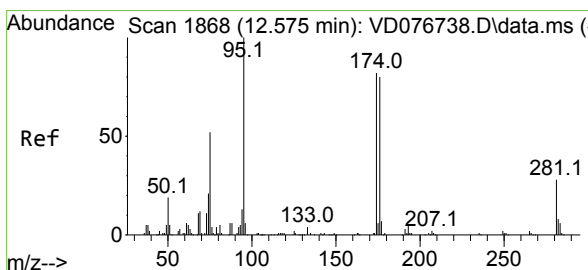
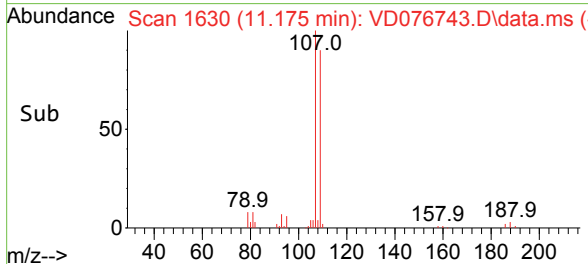
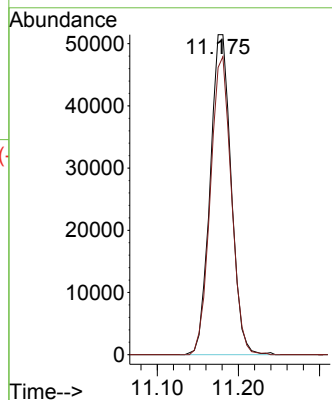
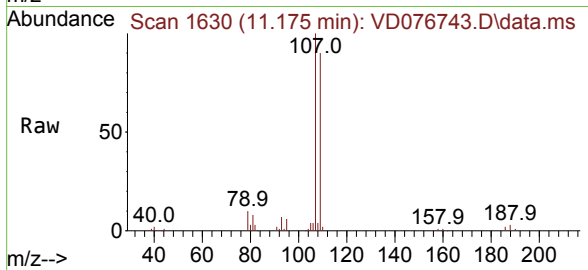
ICVVD071423

Tgt Ion:107 Resp: 92591

Ion Ratio Lower Upper

107 100

109 92.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.192 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

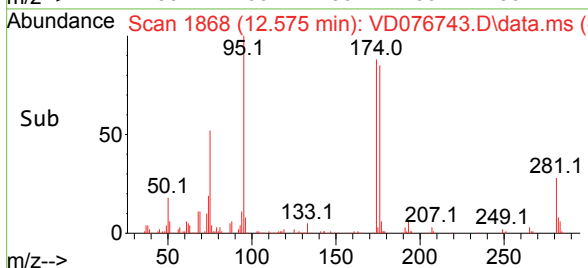
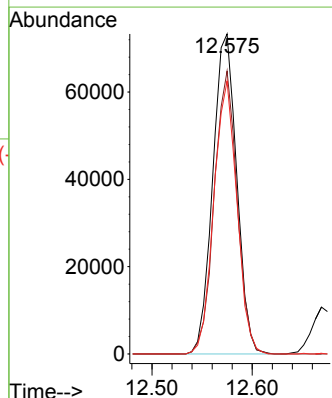
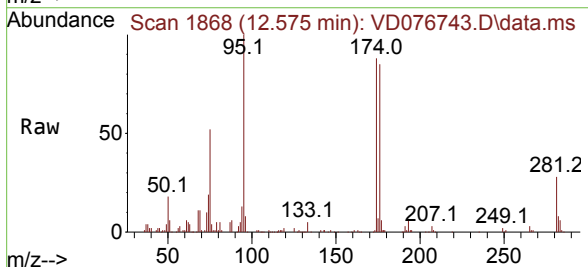
Tgt Ion: 95 Resp: 121269

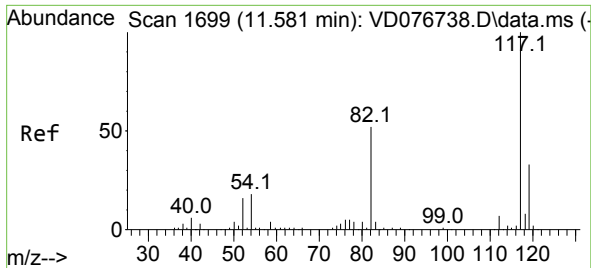
Ion Ratio Lower Upper

95 100

174 84.6 0.0 201.8

176 82.1 0.0 191.8

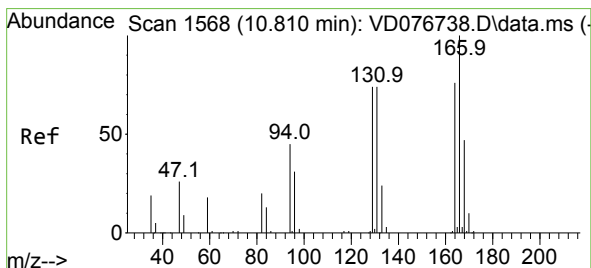
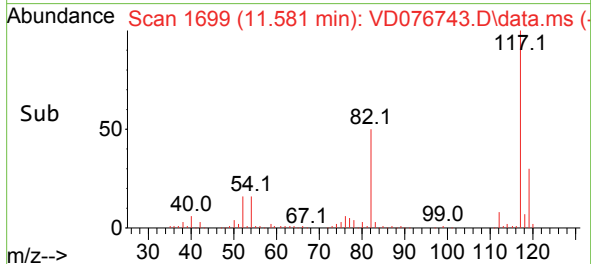
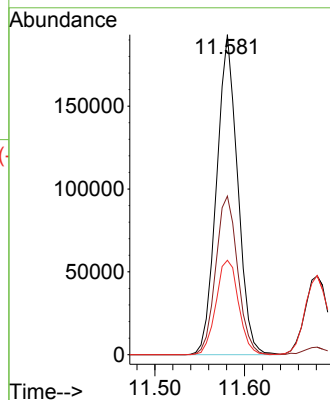
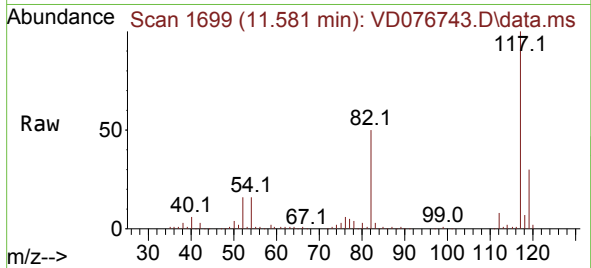




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

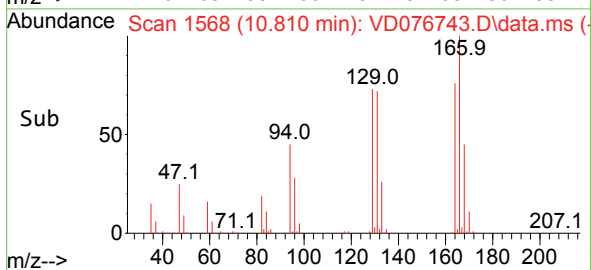
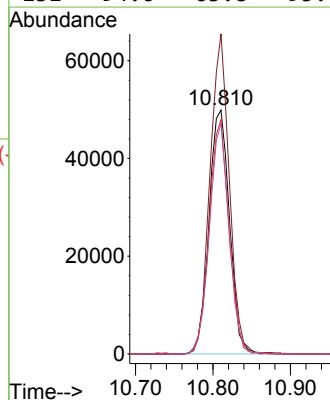
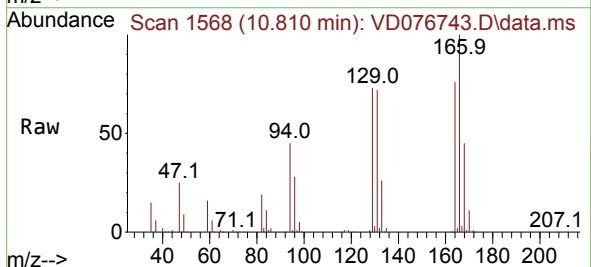
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

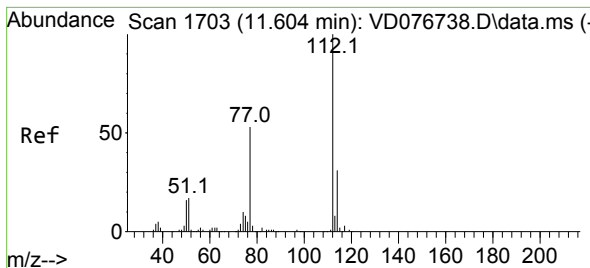
Tgt Ion:117 Resp: 314858
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 29.5 25.0 37.4



#64
Tetrachloroethene
Concen: 51.552 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:164 Resp: 91766
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 96.0 68.4 102.6
131 94.6 63.8 95.8

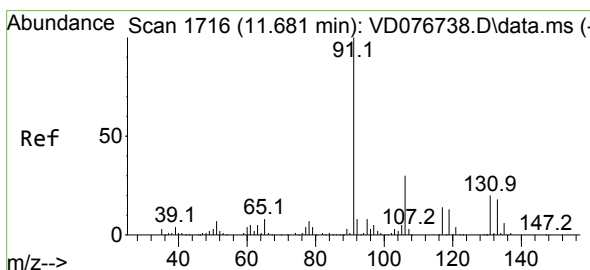
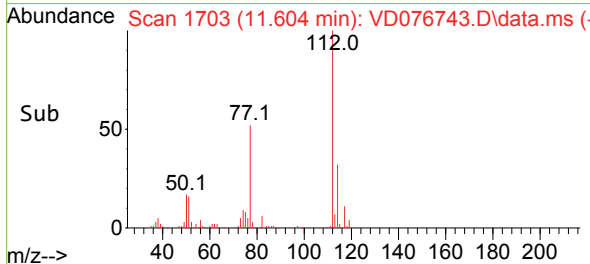
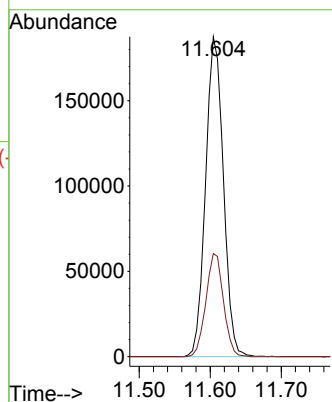
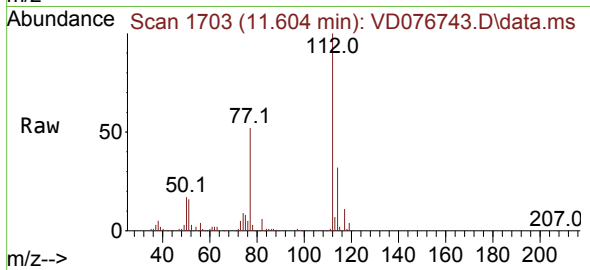




#65
Chlorobenzene
Concen: 51.348 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

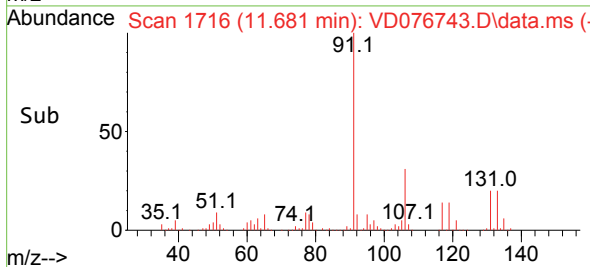
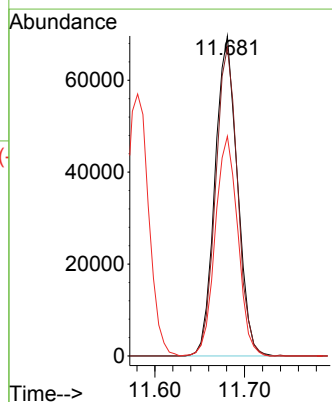
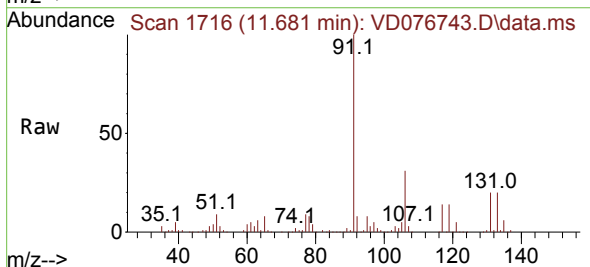
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

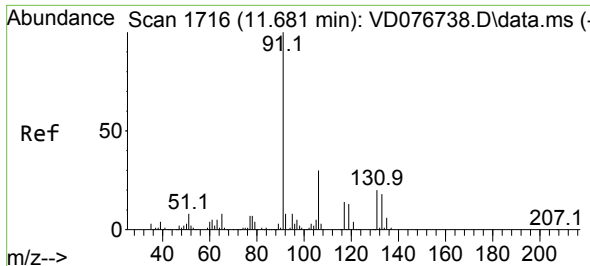
Tgt Ion:112 Resp: 326760
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.695 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:131 Resp: 120484
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 69.4 35.6 106.9

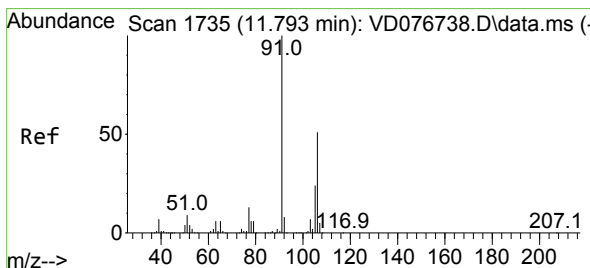
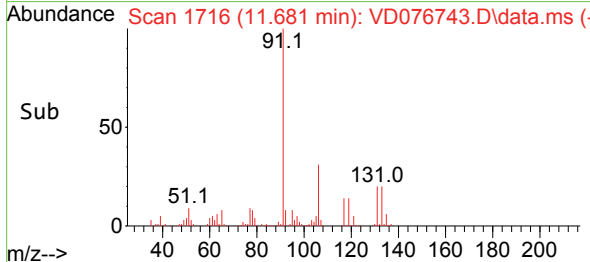
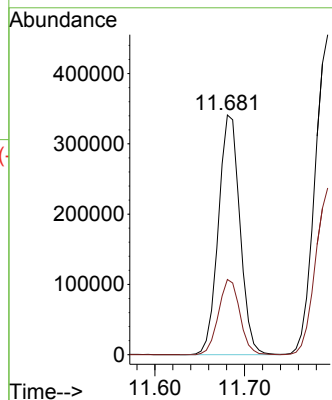
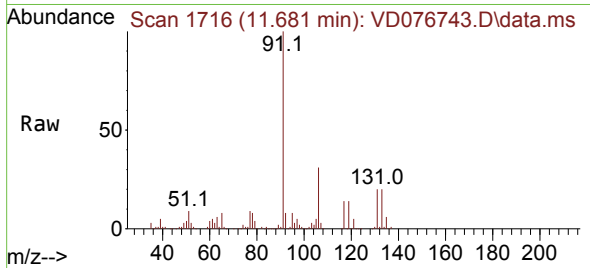




#67
Ethyl Benzene
Concen: 51.342 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

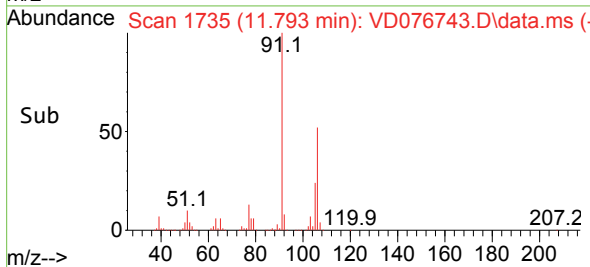
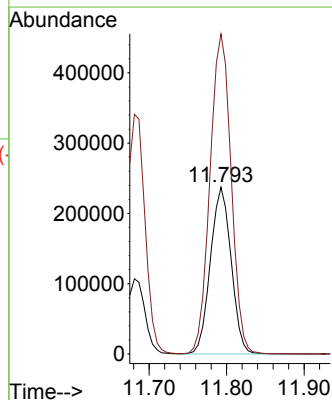
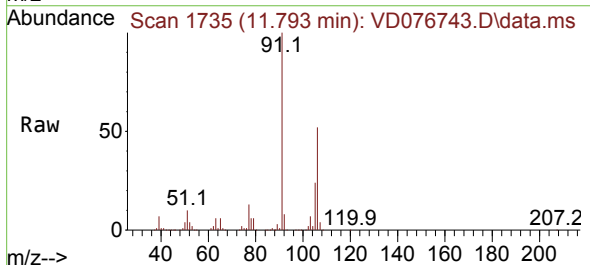
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

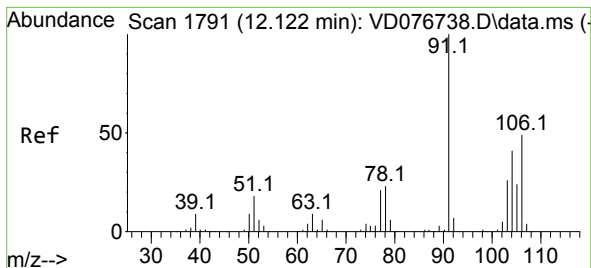
Tgt Ion: 91 Resp: 568167
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 103.587 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 106 Resp: 440666
Ion Ratio Lower Upper
106 100
91 195.8 147.0 220.6

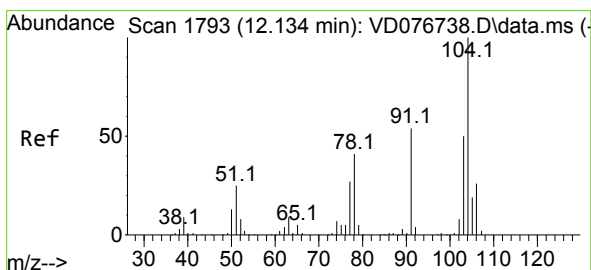
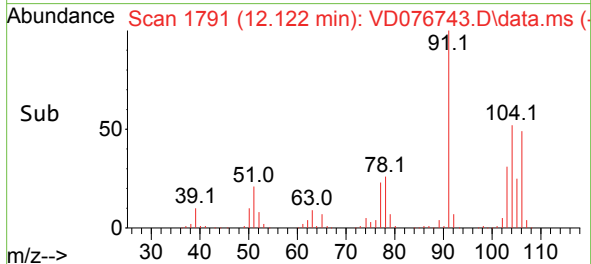
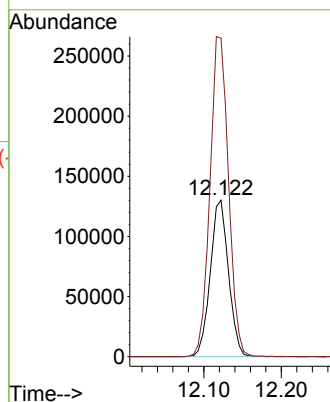
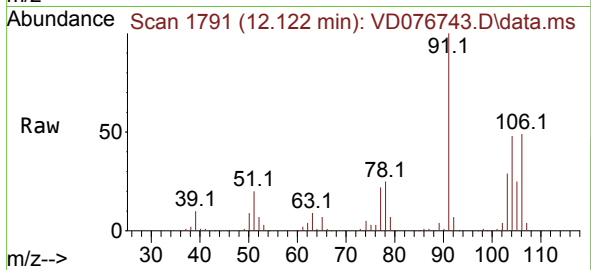




#69
o-Xylene
Concen: 52.258 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

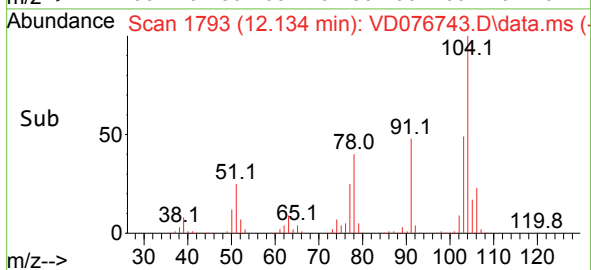
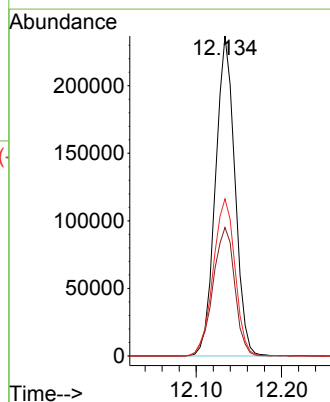
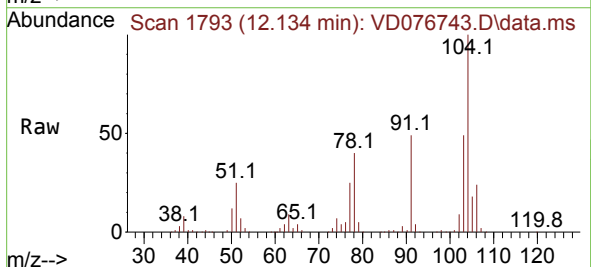
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

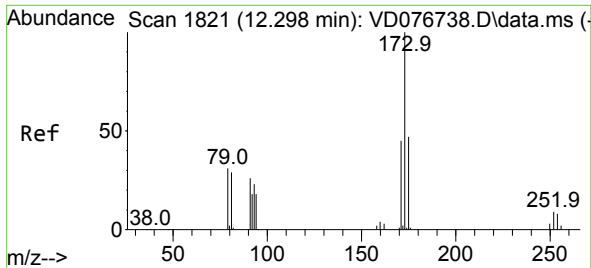
Tgt Ion:106 Resp: 212228
Ion Ratio Lower Upper
106 100
91 208.3 97.9 293.6



#70
Styrene
Concen: 53.006 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:104 Resp: 375643
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 54.9 43.6 65.4

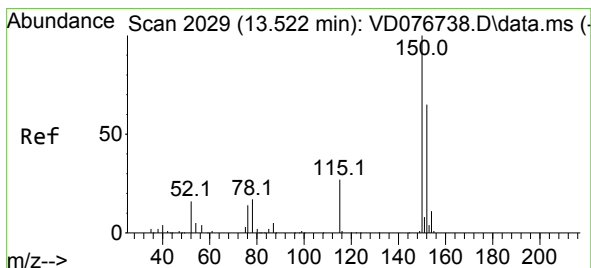
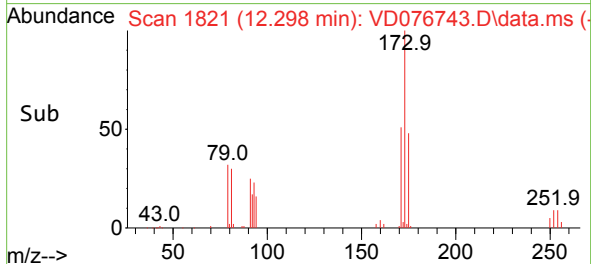
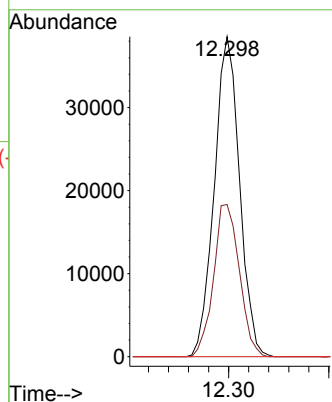
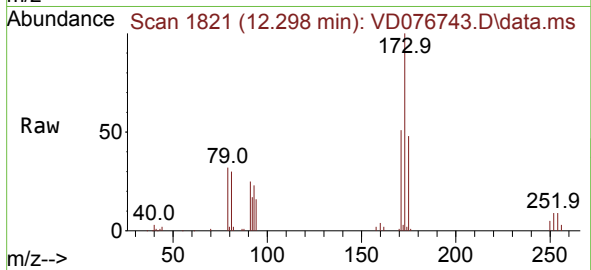




#71
Bromoform
Concen: 52.346 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

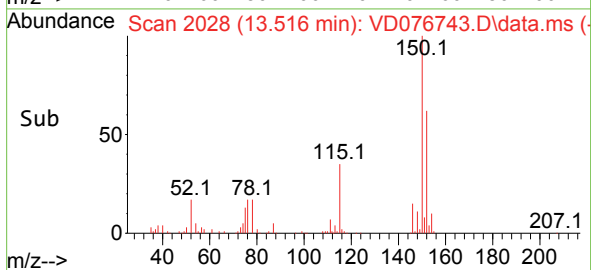
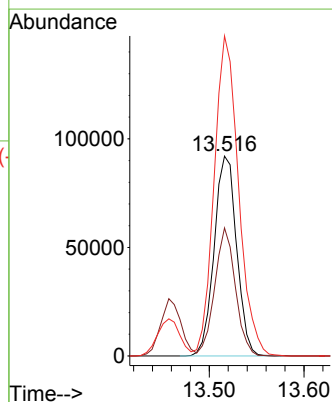
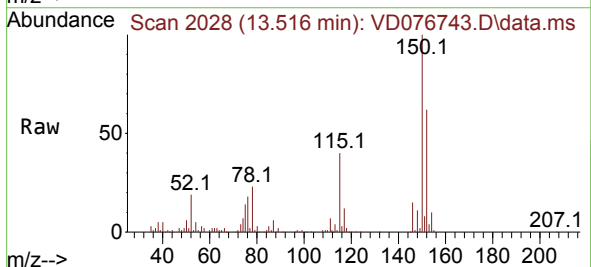
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

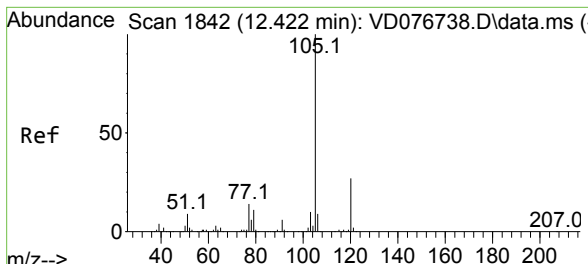
Tgt Ion:173 Resp: 67403
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:152 Resp: 151537
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 174.3 0.0 353.6

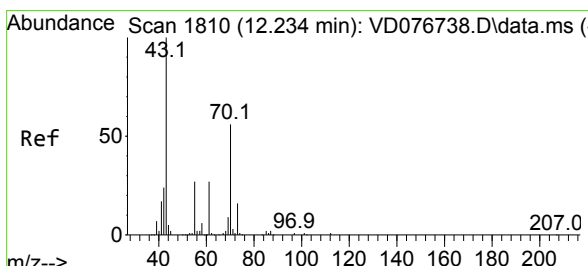
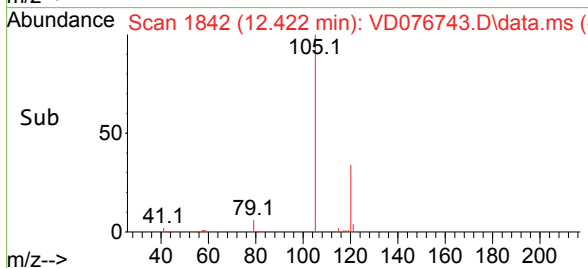
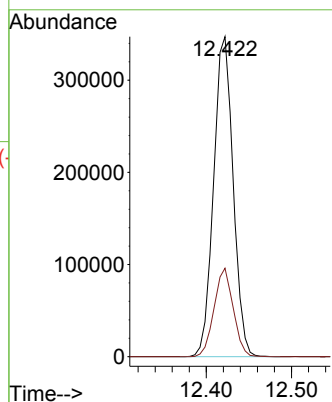
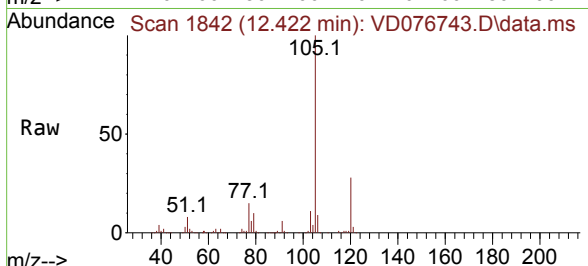




#73
Isopropylbenzene
Concen: 50.948 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

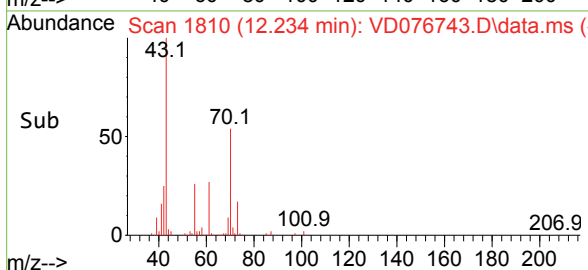
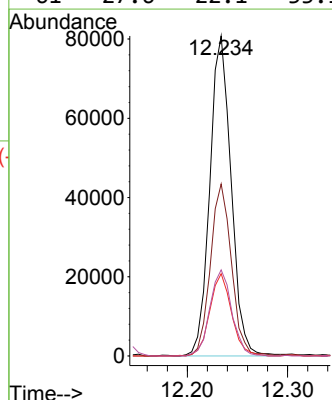
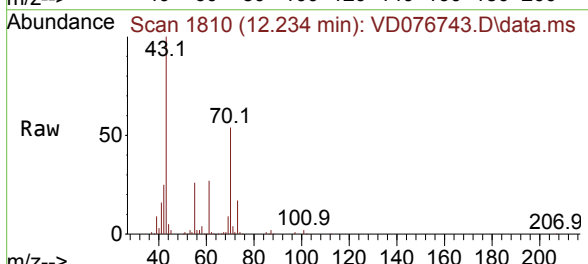
Instrument : MSVOA_D
ClientSampleId : ICVVD071423

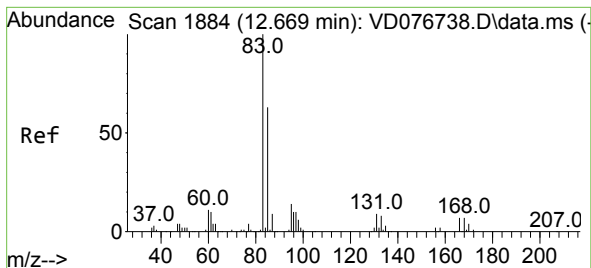
Tgt Ion:105 Resp: 551823
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 52.028 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 43 Resp: 119541
Ion Ratio Lower Upper
43 100
70 53.0 45.0 67.4
55 26.2 23.8 35.6
61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.517 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

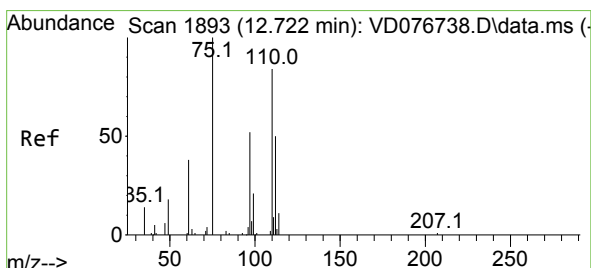
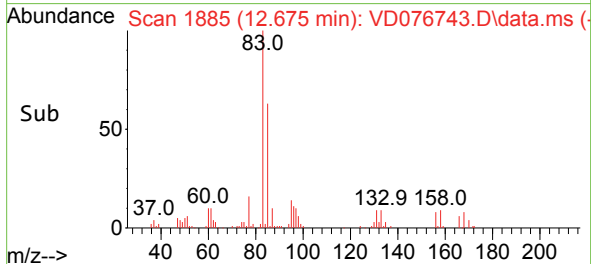
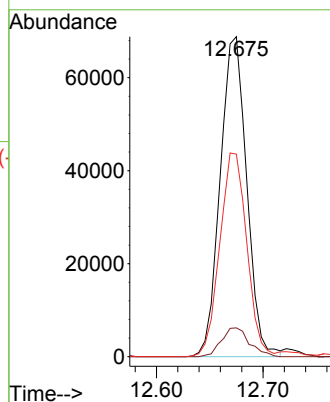
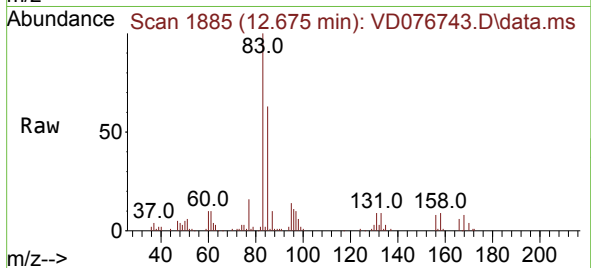
Tgt Ion: 83 Resp: 118953

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 64.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 102.484 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD076743.D

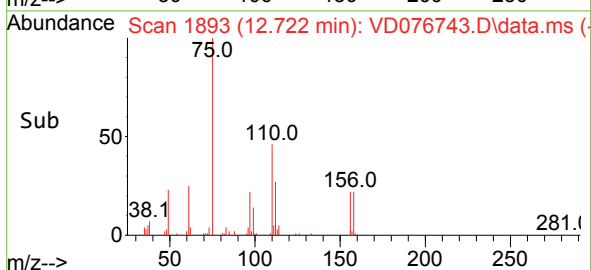
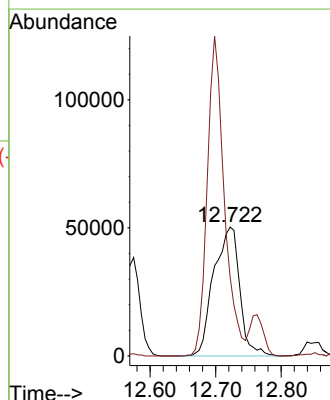
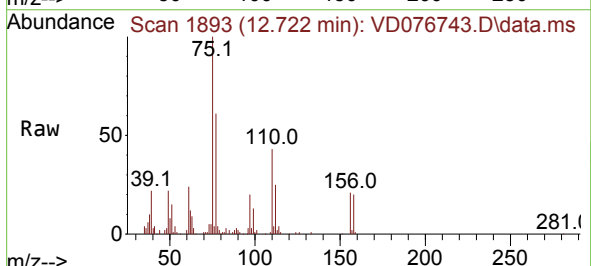
Acq: 14 Jul 2023 16:35

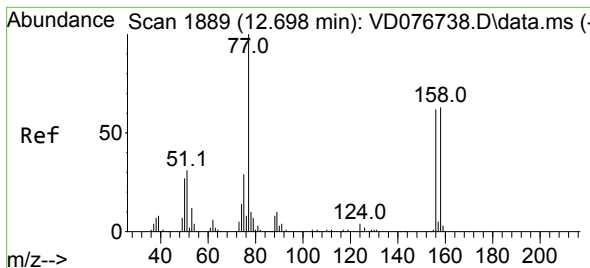
Tgt Ion: 75 Resp: 138227

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.937 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

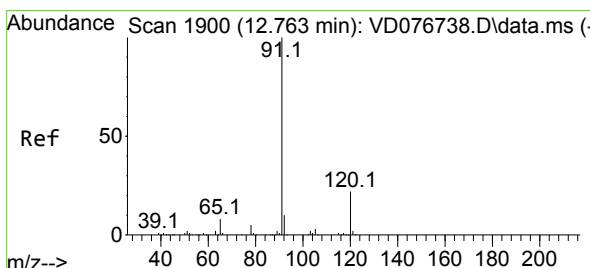
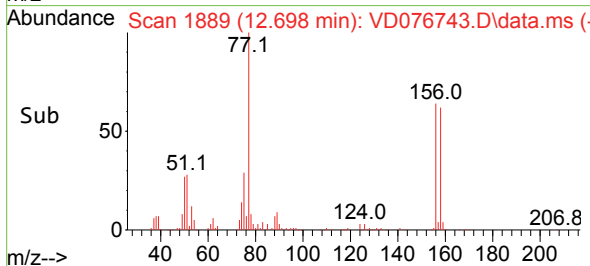
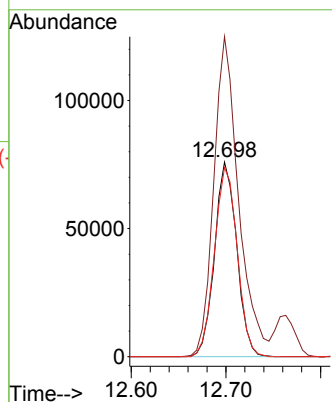
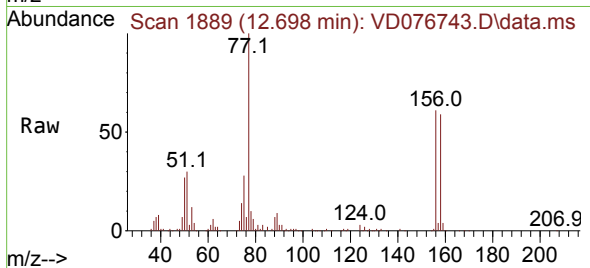
Tgt Ion:156 Resp: 123777

Ion Ratio Lower Upper

156 100

77 184.2 76.8 230.4

158 100.4 48.6 145.9



#78

n-propylbenzene

Concen: 51.665 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076743.D

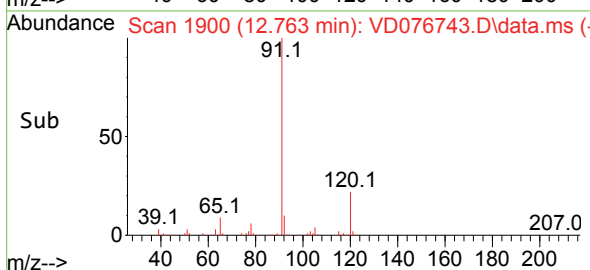
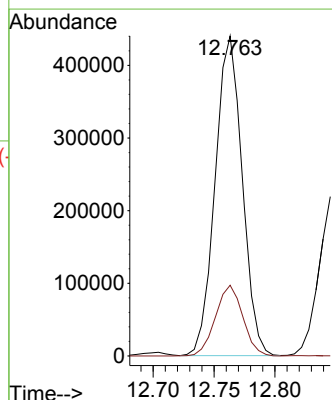
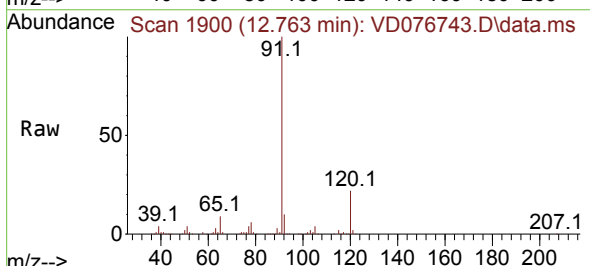
Acq: 14 Jul 2023 16:35

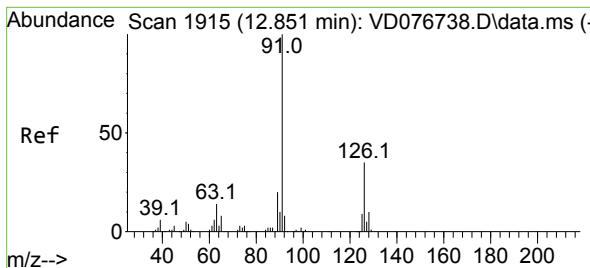
Tgt Ion: 91 Resp: 681024

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 51.172 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

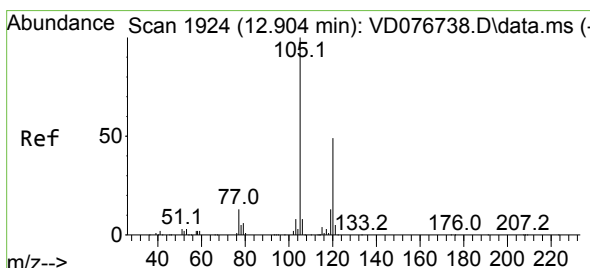
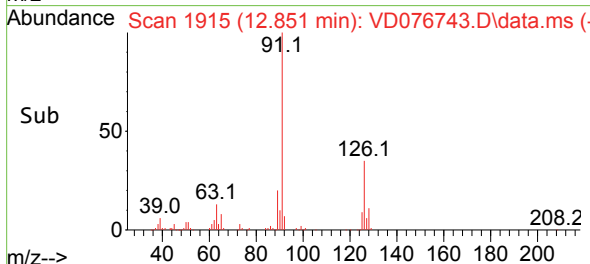
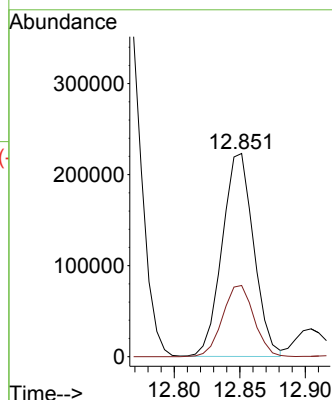
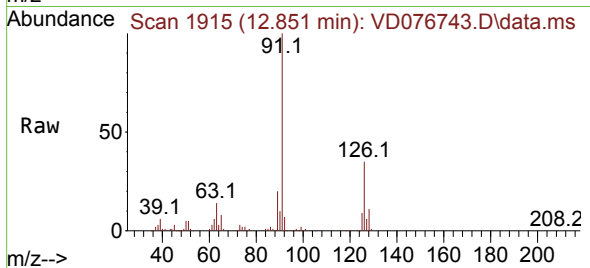
ICVVD071423

Tgt Ion: 91 Resp: 373533

Ion Ratio Lower Upper

91 100

126 34.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.641 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076743.D

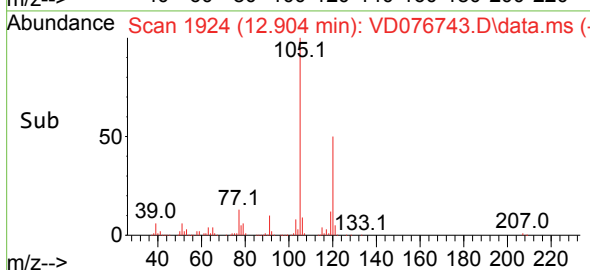
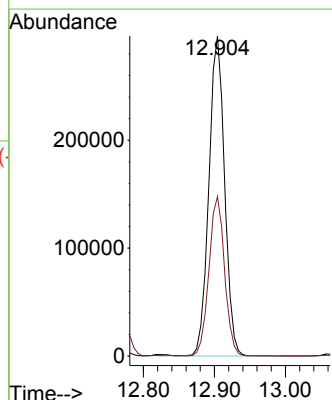
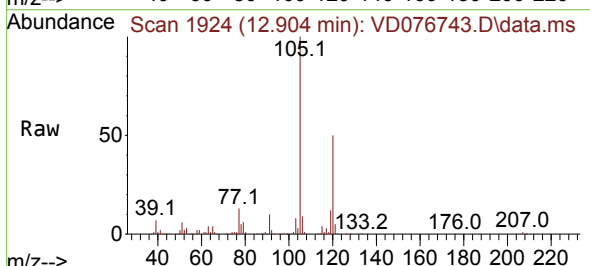
Acq: 14 Jul 2023 16:35

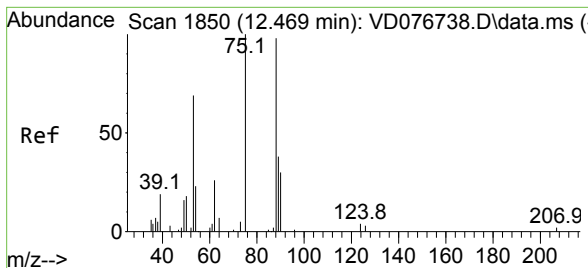
Tgt Ion:105 Resp: 456230

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

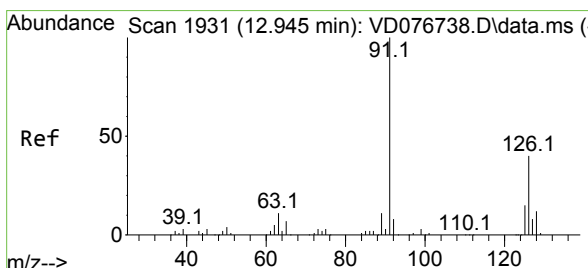
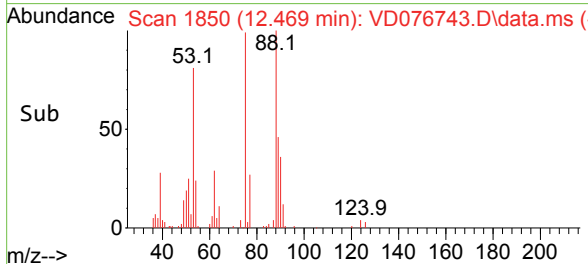
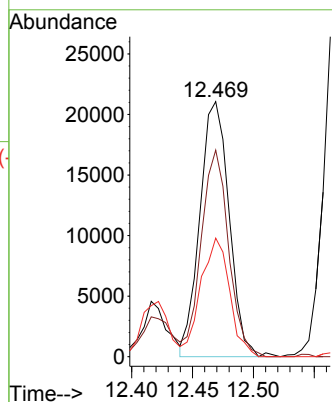
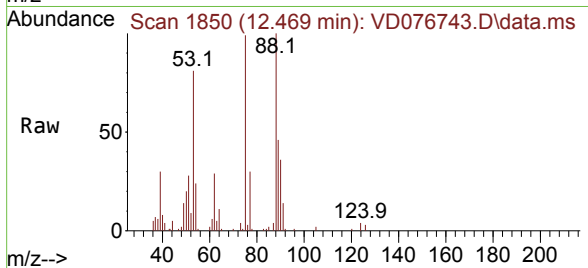




#81
trans-1,4-Dichloro-2-butene
Concen: 52.565 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

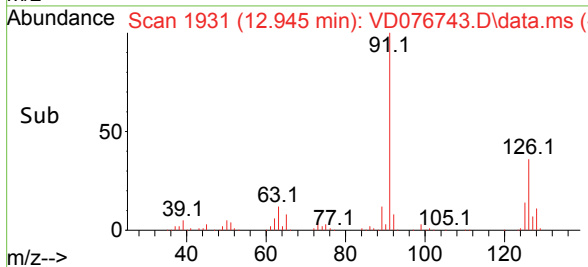
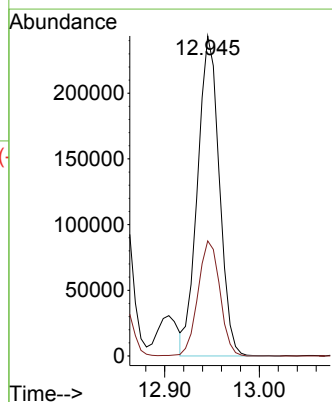
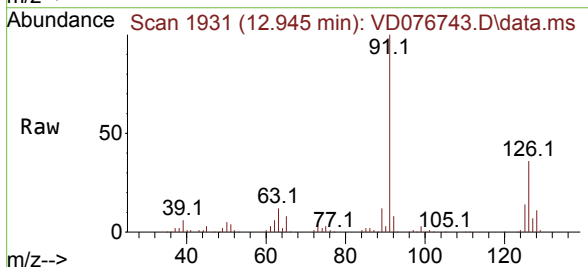
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

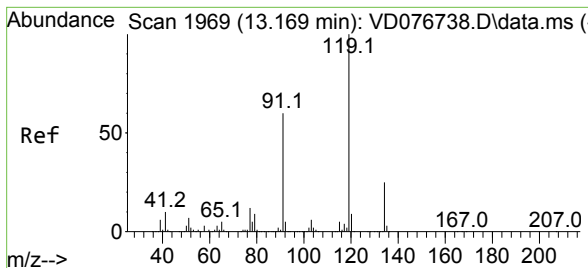
Tgt Ion: 75 Resp: 35251
Ion Ratio Lower Upper
75 100
53 76.0 63.0 94.4
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.694 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion: 91 Resp: 388242
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.315 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

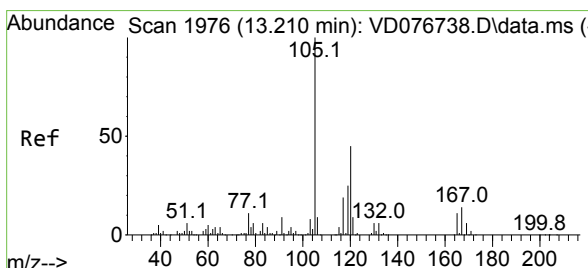
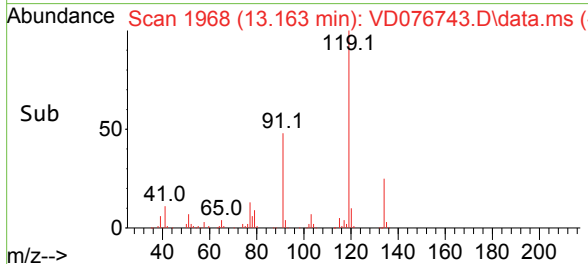
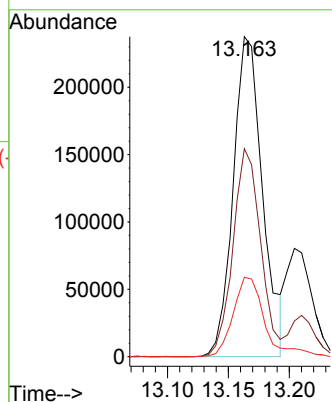
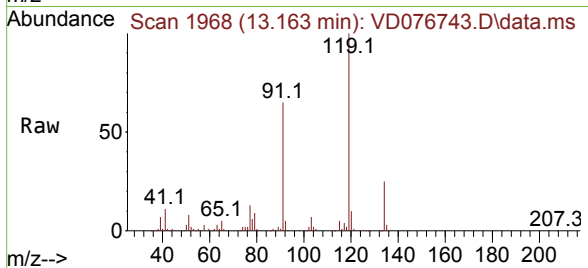
Tgt Ion:119 Resp: 399219

Ion Ratio Lower Upper

119 100

91 61.4 29.3 87.8

134 26.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.210 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076743.D

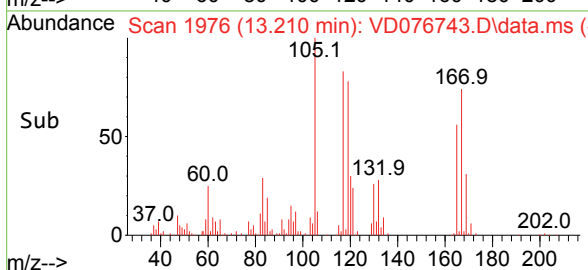
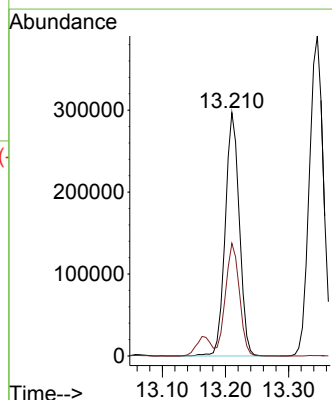
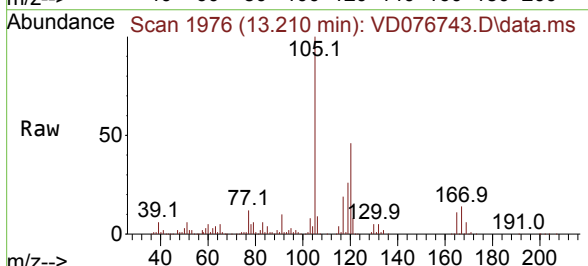
Acq: 14 Jul 2023 16:35

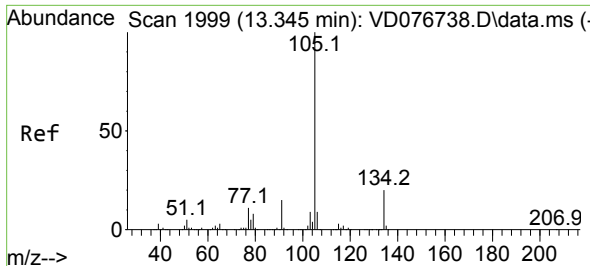
Tgt Ion:105 Resp: 460375

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9

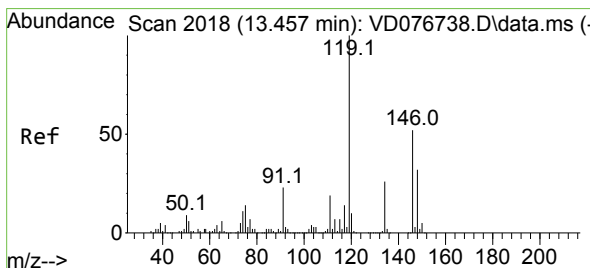
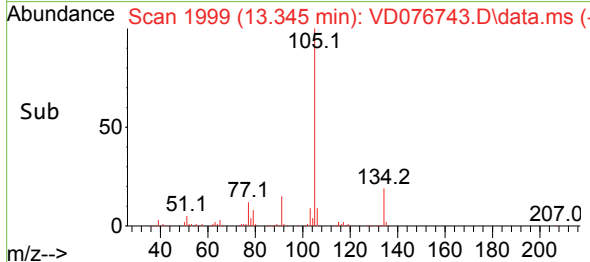
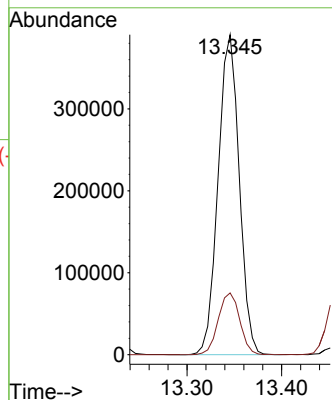
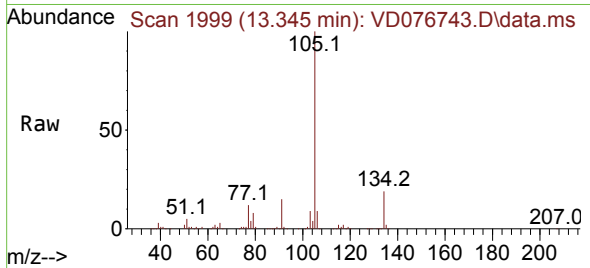




#85
 sec-Butylbenzene
 Concen: 50.758 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

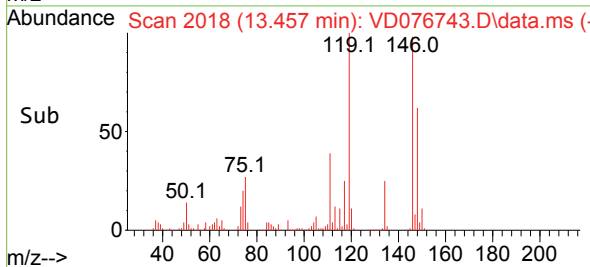
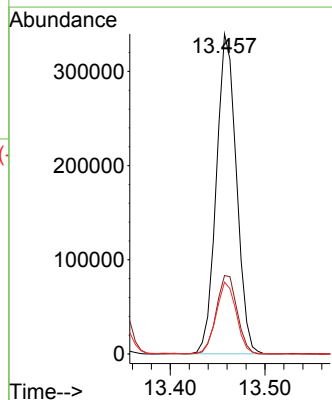
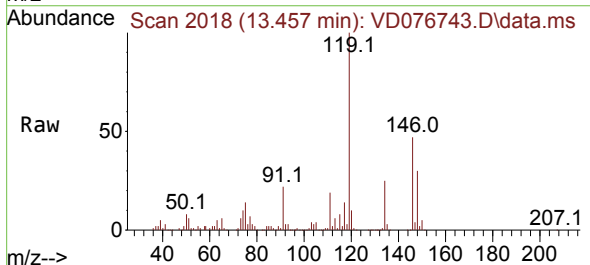
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071423

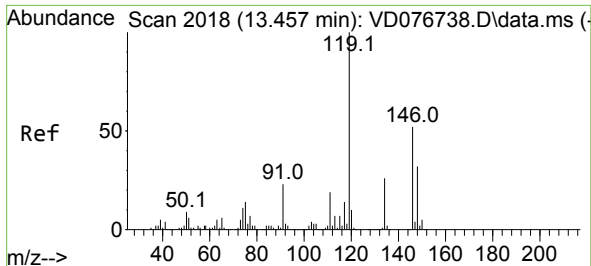
Tgt Ion:105 Resp: 605482
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 51.170 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion:119 Resp: 501199
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.417 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

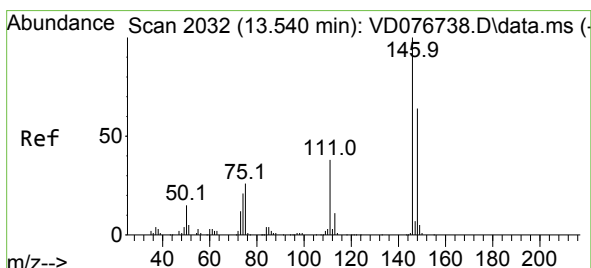
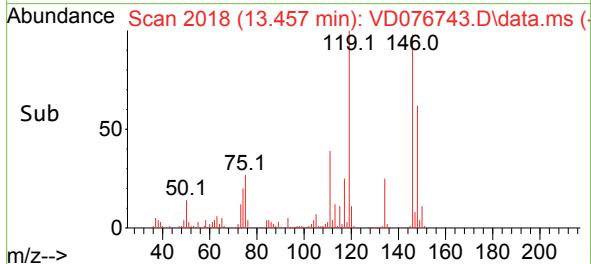
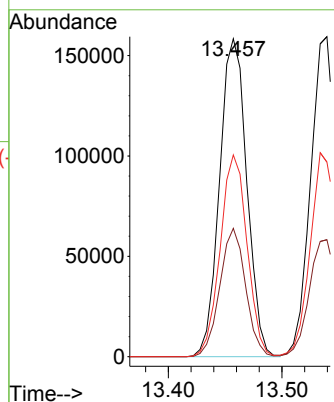
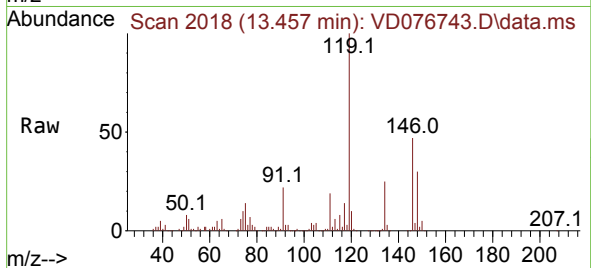
Tgt Ion:146 Resp: 264230

Ion Ratio Lower Upper

146 100

111 38.2 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.717 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

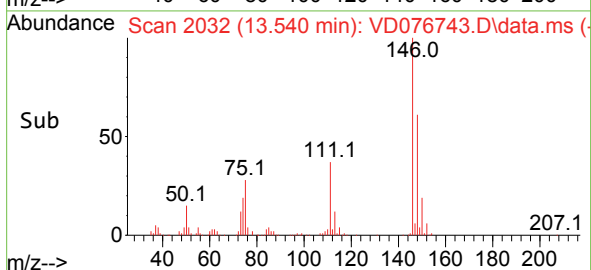
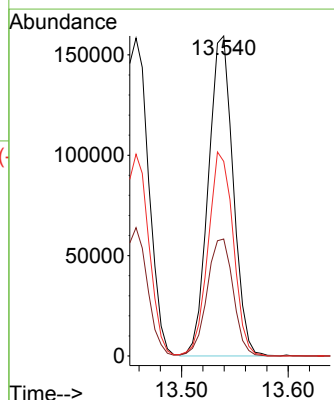
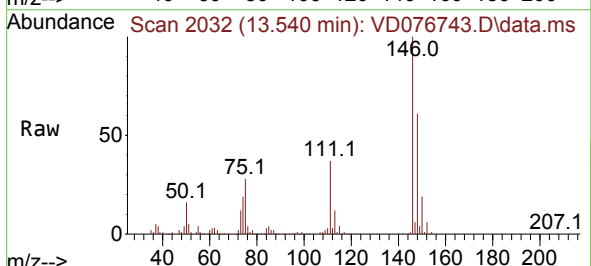
Tgt Ion:146 Resp: 257954

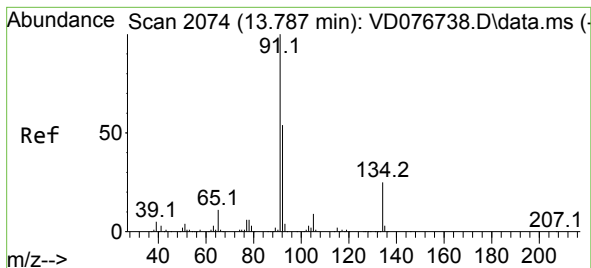
Ion Ratio Lower Upper

146 100

111 38.5 17.4 52.3

148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 51.495 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

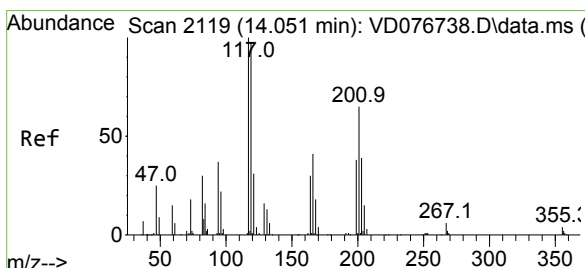
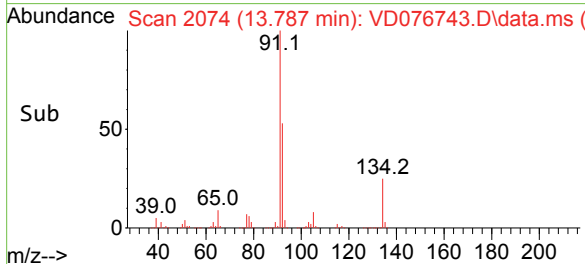
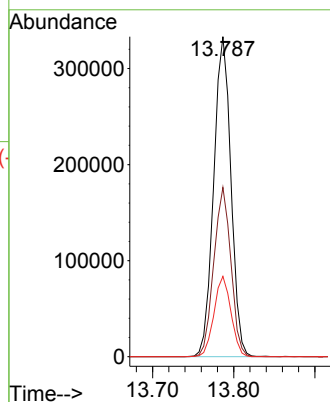
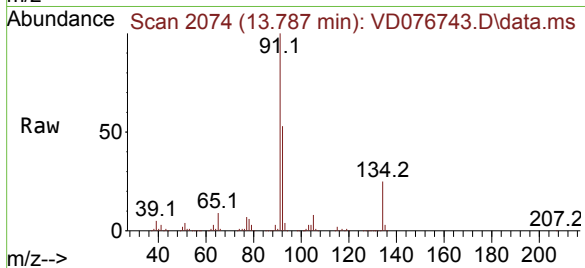
Tgt Ion: 91 Resp: 492006

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 53.501 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076743.D

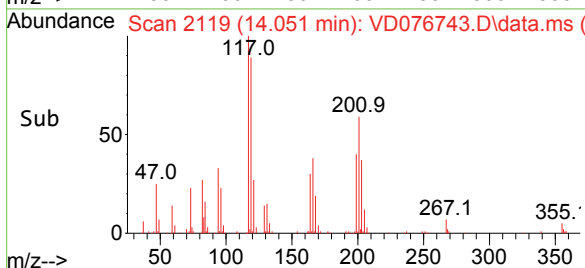
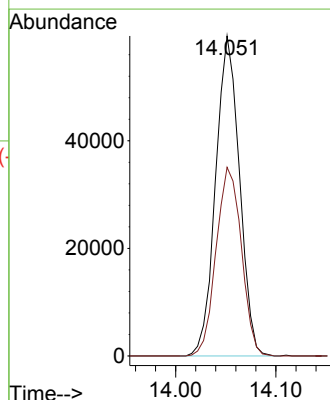
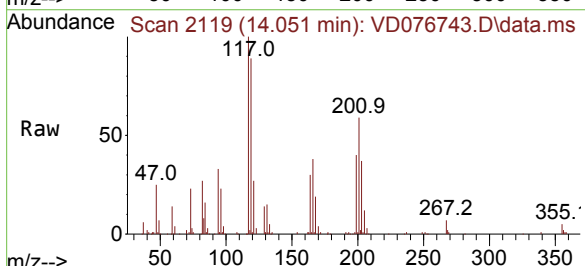
Acq: 14 Jul 2023 16:35

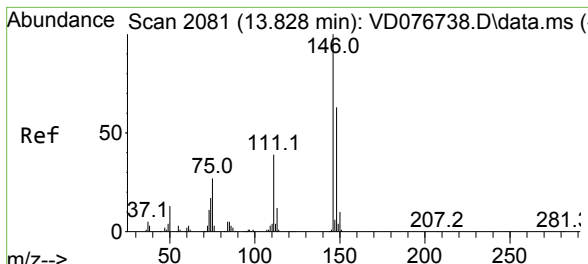
Tgt Ion: 117 Resp: 98222

Ion Ratio Lower Upper

117 100

201 62.5 38.5 115.5

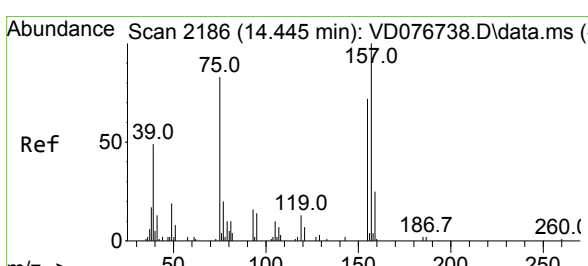
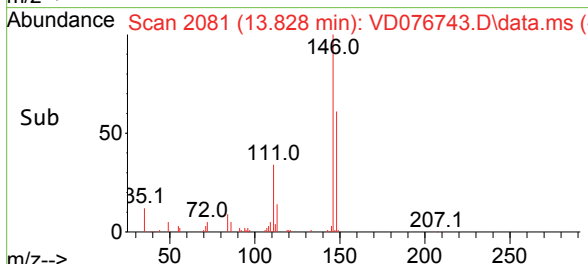
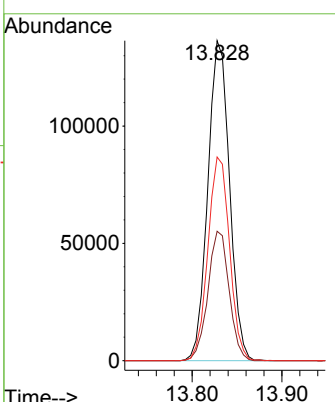
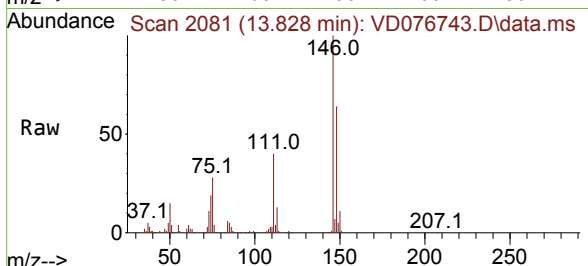




#91
 1,2-Dichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

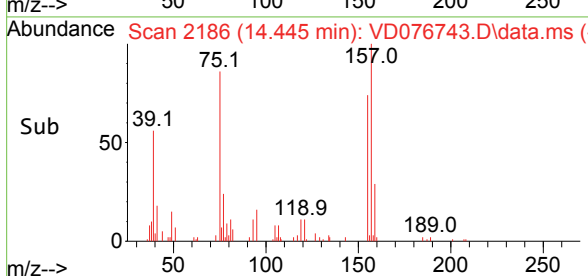
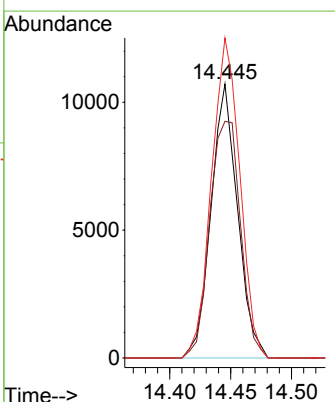
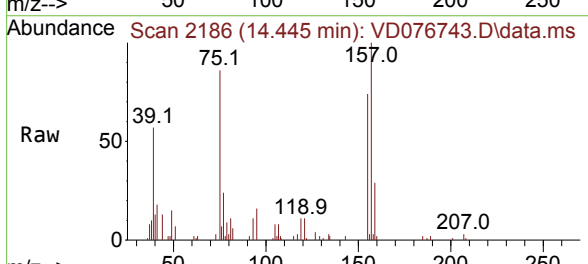
Instrument : MSVOA_D
 ClientSampleId : ICVVD071423

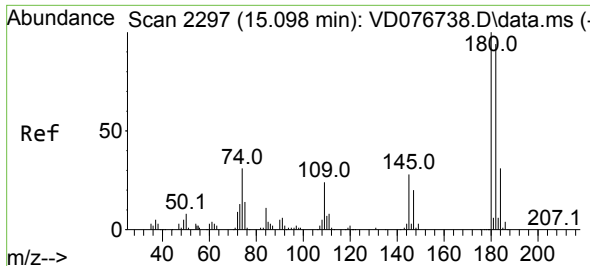
Tgt Ion:	146	Resp:	228866
Ion Ratio	Lower	Upper	
146	100		
111	39.6	18.3	54.8
148	63.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.628 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076743.D
 Acq: 14 Jul 2023 16:35

Tgt Ion:	75	Resp:	16253
Ion Ratio	Lower	Upper	
75	100		
155	99.8	47.9	143.8
157	124.4	59.9	179.7

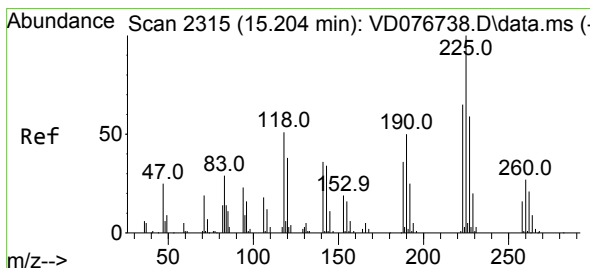
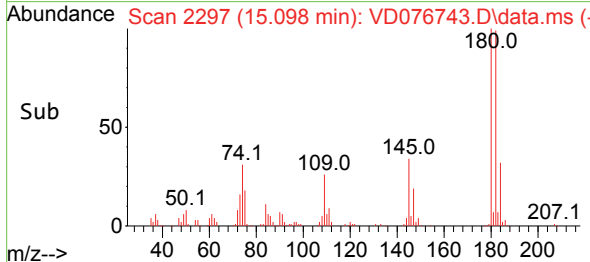
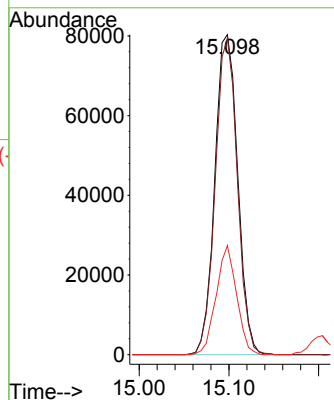
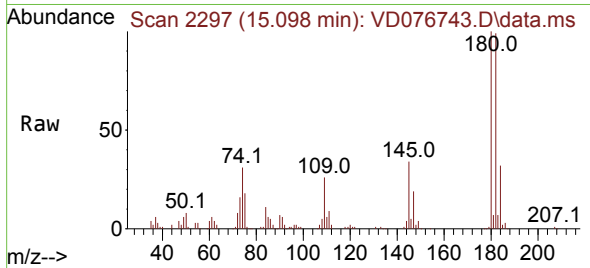




#93
1,2,4-Trichlorobenzene
Concen: 50.213 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

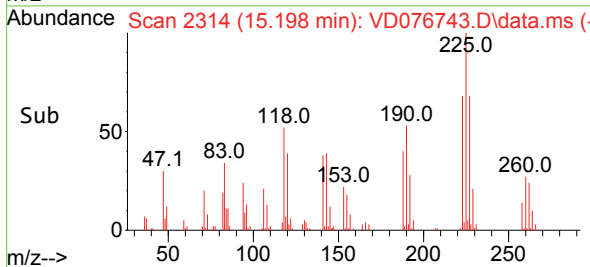
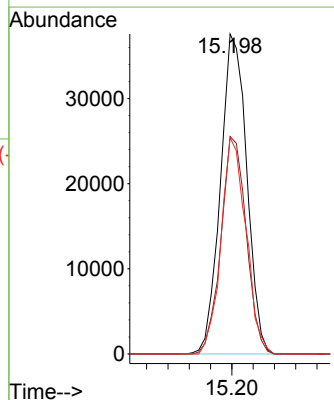
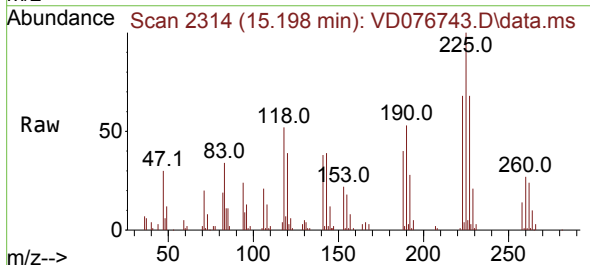
Instrument :
MSVOA_D
ClientSampleId :
ICVVD071423

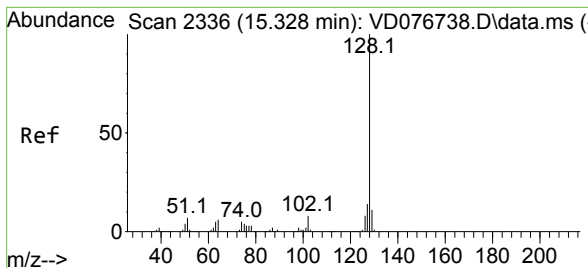
Tgt Ion:180 Resp: 142290
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 30.5 14.2 42.6



#94
Hexachlorobutadiene
Concen: 47.501 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD076743.D
Acq: 14 Jul 2023 16:35

Tgt Ion:225 Resp: 64343
Ion Ratio Lower Upper
225 100
223 65.2 31.6 94.8
227 64.2 31.7 95.1





#95

Naphthalene

Concen: 51.519 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD071423

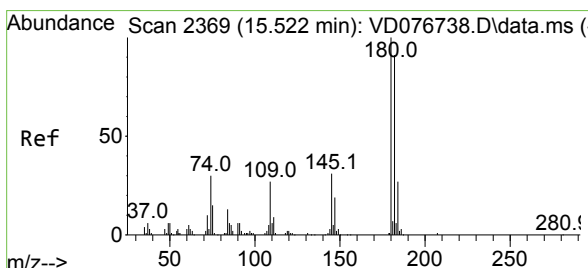
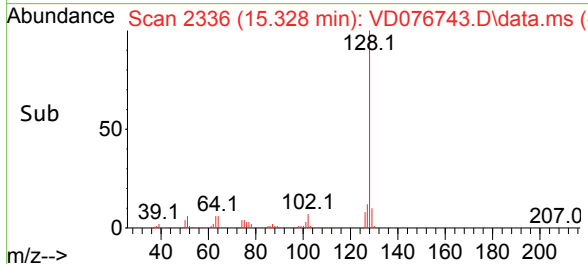
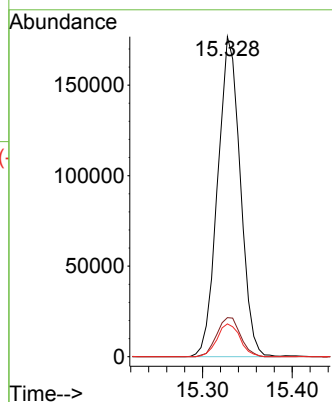
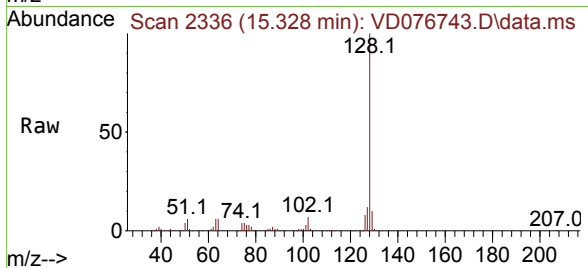
Tgt Ion:128 Resp: 308931

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.908 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076743.D

Acq: 14 Jul 2023 16:35

Tgt Ion:180 Resp: 130076

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 31.8 15.1 45.3

