

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076956.D
 Acq On : 08 Aug 2023 16:08
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080823

Quant Time: Aug 09 05:44:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	195453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	359831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72084	46.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.500%
35) Dibromofluoromethane	7.799	113	86209	44.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.120%
50) Toluene-d8	10.269	98	274048	44.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.220%
62) 4-Bromofluorobenzene	12.575	95	100079	46.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	46798	46.072	ug/l	99
3) Chloromethane	2.146	50	76033	45.858	ug/l	95
4) Vinyl Chloride	2.281	62	107792	44.121	ug/l	100
5) Bromomethane	2.687	94	100020	45.265	ug/l	99
6) Chloroethane	2.828	64	87094	43.392	ug/l	93
7) Trichlorofluoromethane	3.164	101	117679	44.216	ug/l	95
8) Diethyl Ether	3.587	74	42143	49.212	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	78256	42.937	ug/l	98
10) Methyl Iodide	4.158	142	79024	45.021	ug/l	93
11) Tert butyl alcohol	5.064	59	26602	259.829	ug/l	96
12) 1,1-Dichloroethene	3.934	96	68058	45.498	ug/l	92
13) Acrolein	3.793	56	8099	233.019	ug/l	95
14) Allyl chloride	4.558	41	87233	47.484	ug/l	94
15) Acrylonitrile	5.252	53	103769	243.682	ug/l	99
16) Acetone	4.022	43	89764	283.122	ug/l	92
17) Carbon Disulfide	4.264	76	123037	48.591	ug/l	95
18) Methyl Acetate	4.558	43	66886	46.457	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	205395	48.645	ug/l	99
20) Methylene Chloride	4.799	84	110103	49.361	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	81983	47.981	ug/l	90
22) Diisopropyl ether	6.211	45	240486	50.110	ug/l	96
23) Vinyl Acetate	6.152	43	474954	211.015	ug/l	93
24) 1,1-Dichloroethane	6.111	63	159317	46.445	ug/l	97
25) 2-Butanone	7.075	43	122506	237.537	ug/l	93
26) 2,2-Dichloropropane	7.075	77	142154	45.644	ug/l	95
27) cis-1,2-Dichloroethene	7.069	96	112228	47.867	ug/l	98
28) Bromochloromethane	7.422	49	84180	51.347	ug/l	92
29) Tetrahydrofuran	7.440	42	69686	241.973	ug/l	94
30) Chloroform	7.593	83	188156	48.079	ug/l	97
31) Cyclohexane	7.875	56	90113	48.796	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	148284	46.169	ug/l	98
36) 1,1-Dichloropropene	8.010	75	108732	45.453	ug/l	98
37) Ethyl Acetate	7.169	43	50947	46.154	ug/l	94
38) Carbon Tetrachloride	7.987	117	115396	45.071	ug/l	95
39) Methylcyclohexane	9.269	83	114437	45.152	ug/l	98
40) Benzene	8.246	78	354793	46.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30348	50.951	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	100981	48.703	ug/l	97
43) Isopropyl Acetate	8.357	43	98163	47.323	ug/l	93
44) Trichloroethene	9.028	130	95497	44.969	ug/l	96
45) 1,2-Dichloropropane	9.304	63	98292	47.419	ug/l	98
46) Dibromomethane	9.393	93	57336	46.289	ug/l	91
47) Bromodichloromethane	9.587	83	147047	46.279	ug/l	93
48) Methyl methacrylate	9.381	41	42102	46.158	ug/l #	86
49) 1,4-Dioxane	9.387	88	12621	871.756	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	269237	235.146	ug/l	95
52) Toluene	10.334	92	234046	46.331	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	133300	48.089	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	155959	48.511	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	84694	46.075	ug/l	96
56) Ethyl methacrylate	10.599	69	91137	47.835	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	129772	45.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	160285	223.796	ug/l	99
59) 2-Hexanone	10.922	43	191737	246.009	ug/l	93
60) Dibromochloromethane	11.075	129	102770	46.358	ug/l	94
61) 1,2-Dibromoethane	11.181	107	76081	46.542	ug/l	99
64) Tetrachloroethene	10.810	164	72369	43.108	ug/l	93
65) Chlorobenzene	11.610	112	273919	46.426	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	107947	46.365	ug/l	96
67) Ethyl Benzene	11.687	91	465888	46.803	ug/l	98
68) m/p-Xylenes	11.793	106	364956	94.400	ug/l	93
69) o-Xylene	12.122	106	175788	47.413	ug/l	94
70) Styrene	12.134	104	318154	48.135	ug/l	99
71) Bromoform	12.298	173	60288	46.709	ug/l #	99
73) Isopropylbenzene	12.422	105	465854	45.465	ug/l	95
74) N-amyl acetate	12.234	43	93881	45.988	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	100760	44.628	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	112737	73.805	ug/l #	100
77) Bromobenzene	12.704	156	113200	45.403	ug/l	91
78) n-propylbenzene	12.763	91	570141	45.742	ug/l	97
79) 2-Chlorotoluene	12.851	91	314958	45.961	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	387388	46.578	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	29636	45.583	ug/l	97
82) 4-Chlorotoluene	12.945	91	319122	44.495	ug/l	98
83) tert-Butylbenzene	13.169	119	345692	45.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	392414	46.305	ug/l	95
85) sec-Butylbenzene	13.345	105	517628	44.929	ug/l	96
86) p-Isopropyltoluene	13.463	119	435792	45.797	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	237883	45.996	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	233916	45.367	ug/l	98
89) n-Butylbenzene	13.787	91	409308	45.157	ug/l	98
90) Hexachloroethane	14.057	117	87342	45.423	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	207228	45.068	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13791	44.925	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	132382	46.549	ug/l	96
94) Hexachlorobutadiene	15.204	225	61686	43.357	ug/l	99
95) Naphthalene	15.334	128	266310	46.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	118420	46.703	ug/l	97

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QLast Update : Wed Aug 09 05:34:08 2023
Response via : Initial Calibration

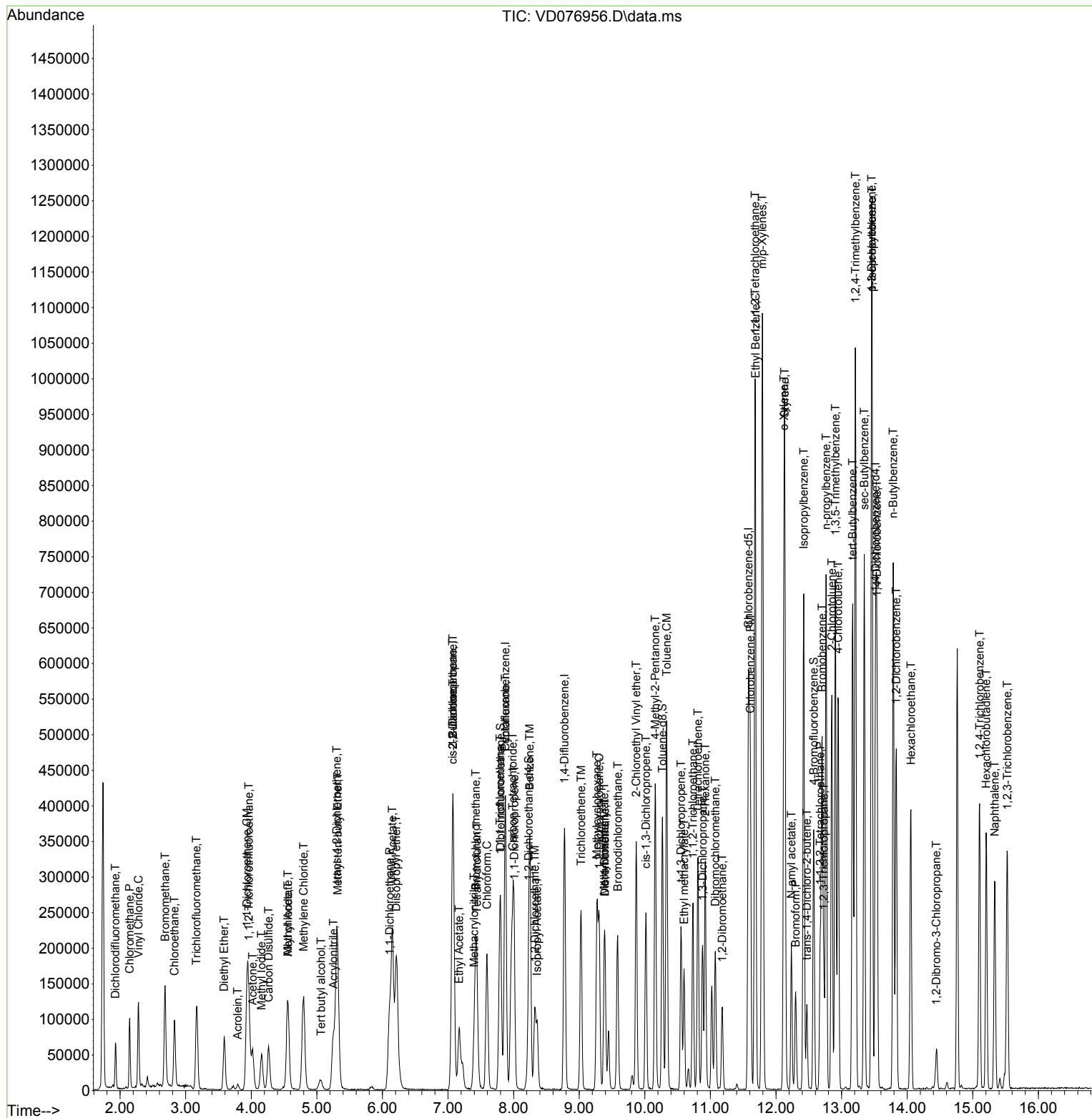
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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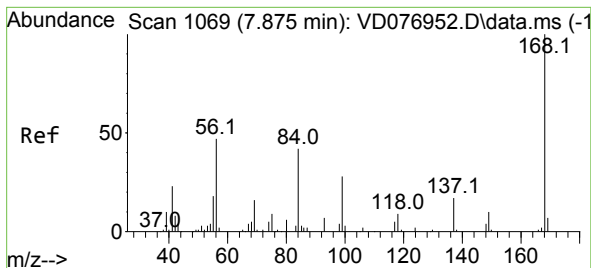
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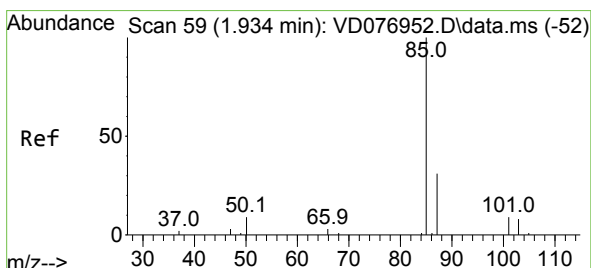
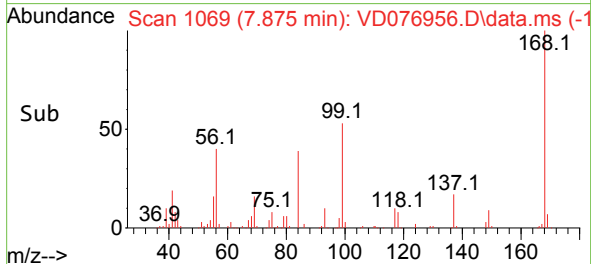
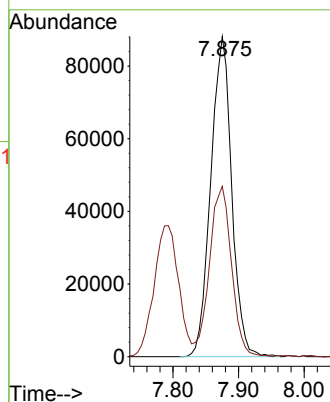
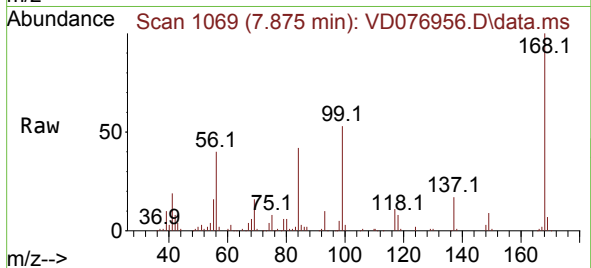




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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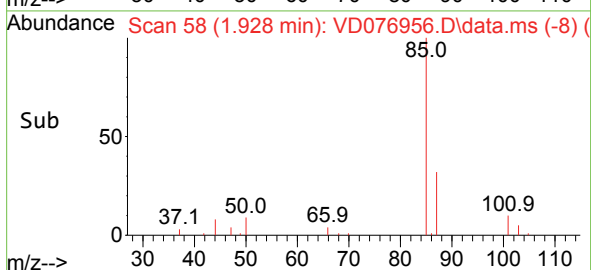
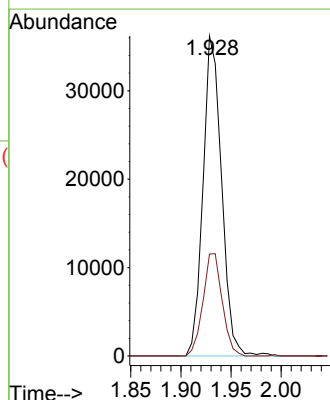
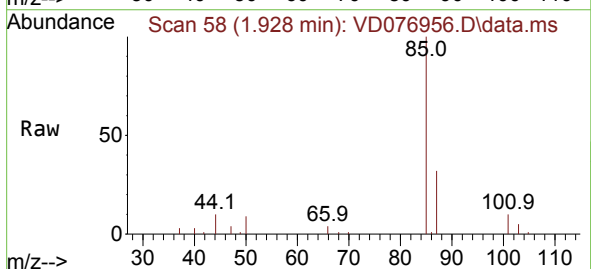
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

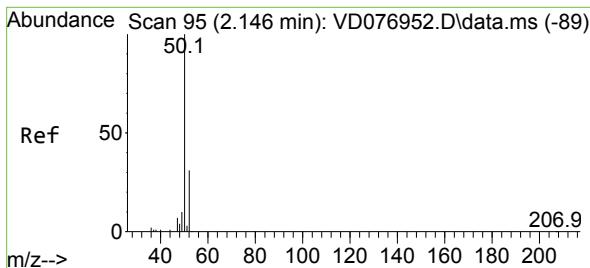
Tgt Ion:168 Resp: 195453
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 46.072 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 85 Resp: 46798
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3

Chloromethane

Concen: 45.858 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

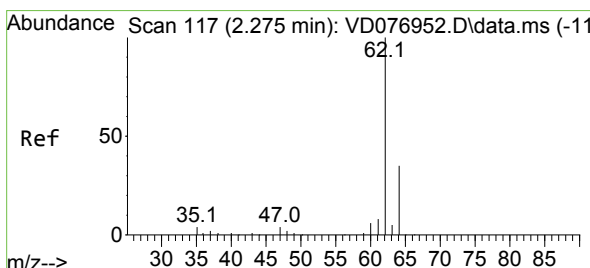
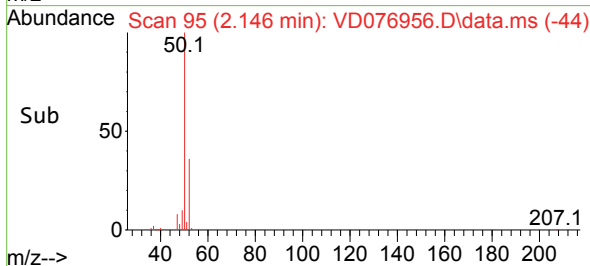
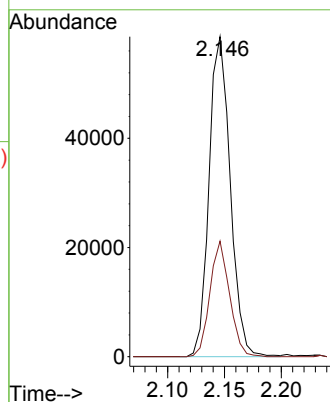
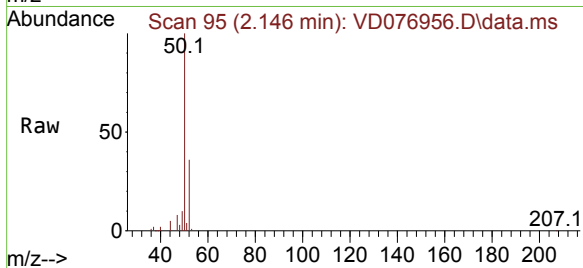
ICVVD080823

Tgt Ion: 50 Resp: 76033

Ion Ratio Lower Upper

50 100

52 36.1 26.6 40.0



#4

Vinyl Chloride

Concen: 44.121 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076956.D

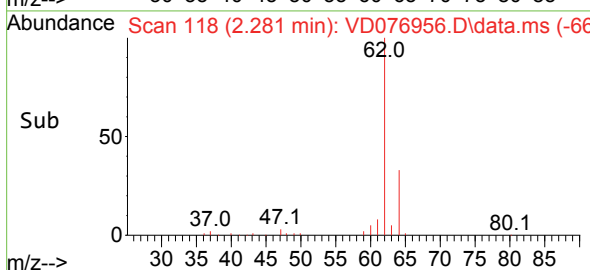
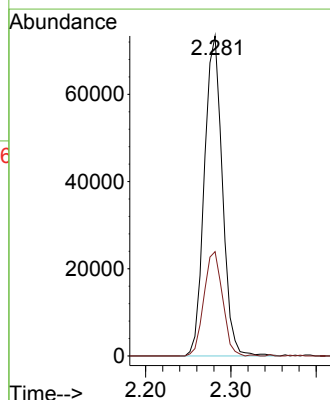
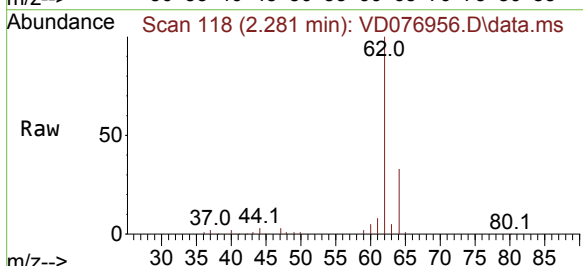
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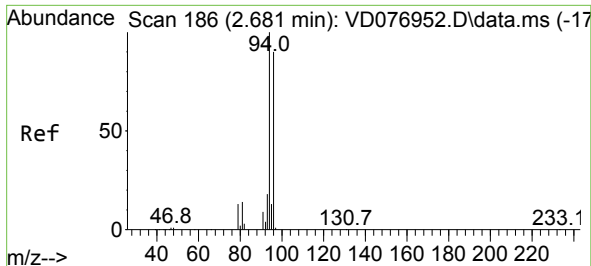
Tgt Ion: 62 Resp: 107792

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0

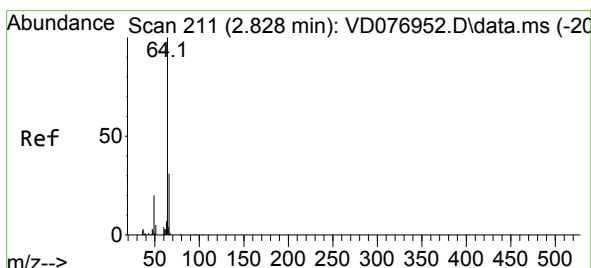
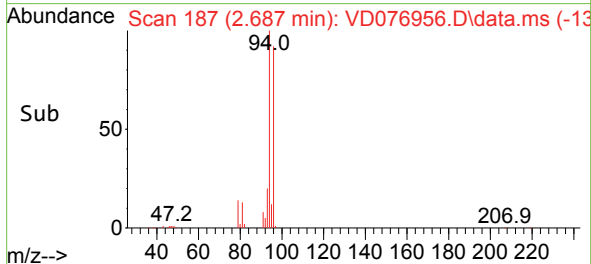
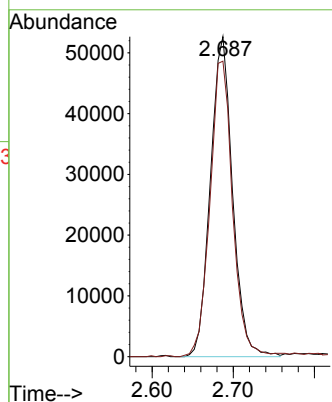
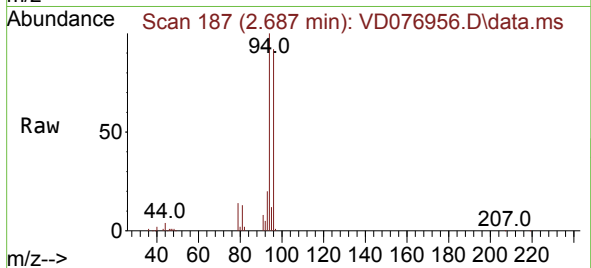




#5
Bromomethane
Concen: 45.265 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

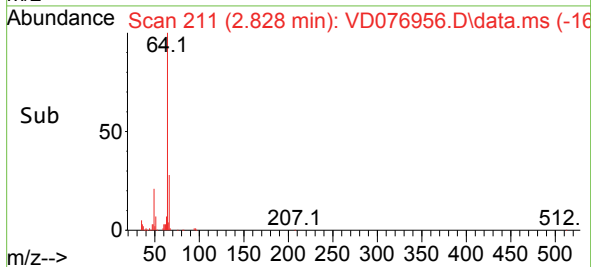
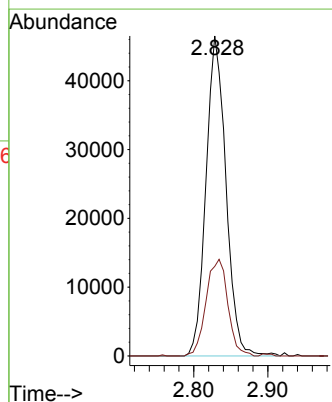
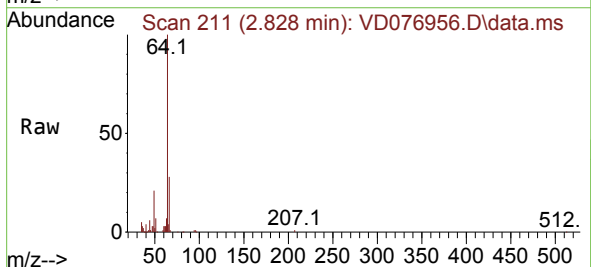
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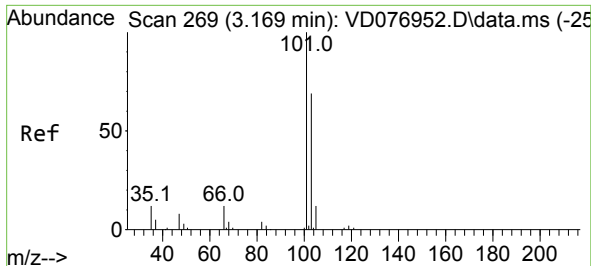
Tgt Ion: 94 Resp: 100020
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 43.392 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 64 Resp: 87094
Ion Ratio Lower Upper
64 100
66 28.0 25.5 38.3

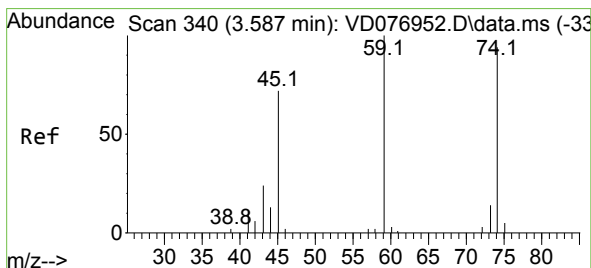
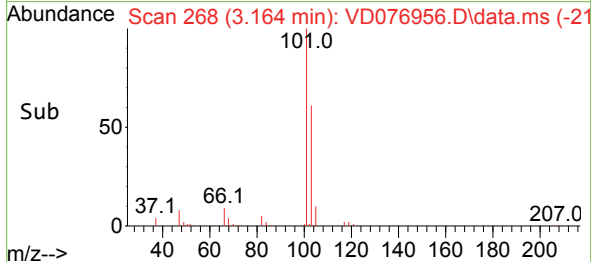
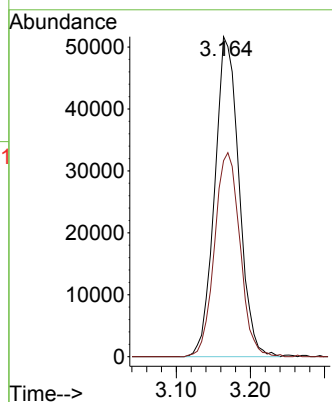
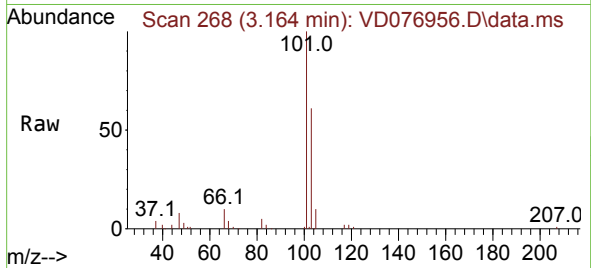




#7
 Trichlorofluoromethane
 Concen: 44.216 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

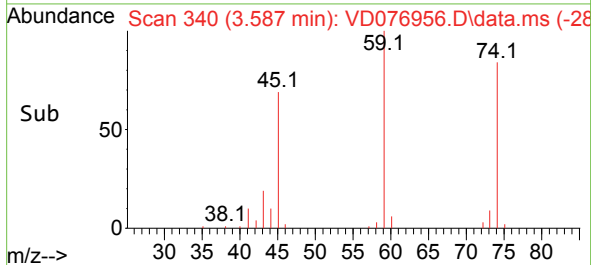
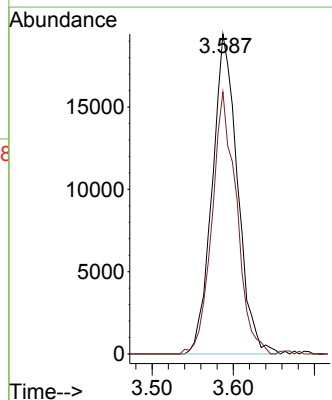
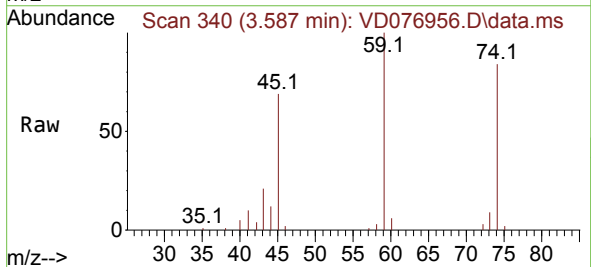
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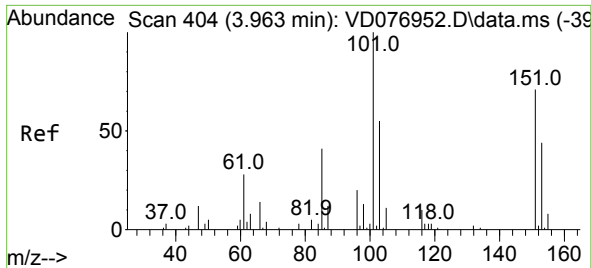
Tgt Ion:101 Resp: 117679
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.212 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion: 74 Resp: 42143
 Ion Ratio Lower Upper
 74 100
 45 79.1 37.5 112.7

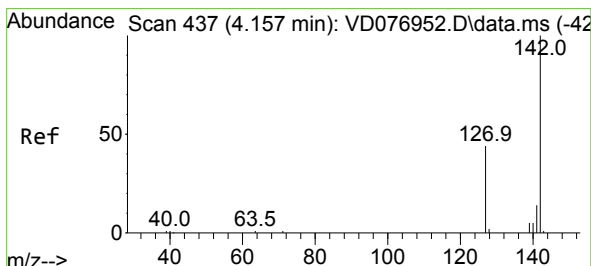
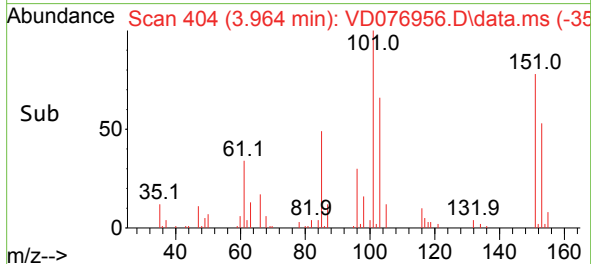
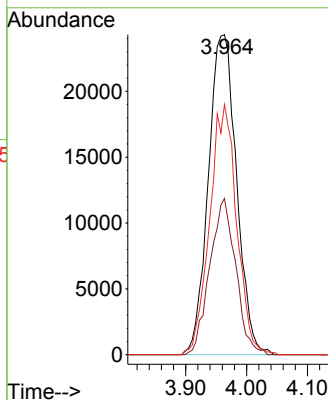
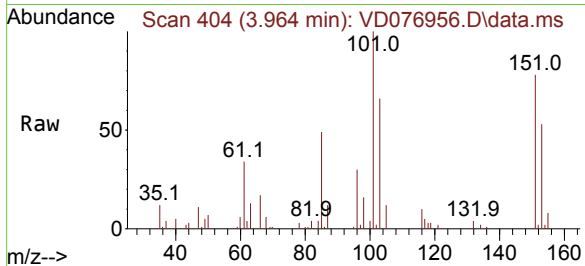




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.937 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

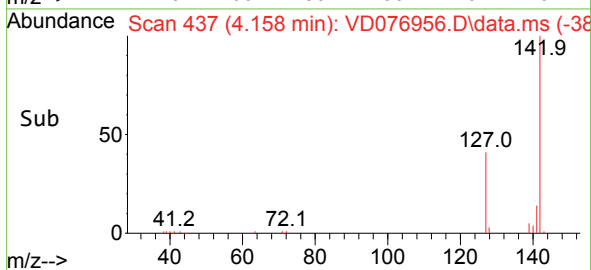
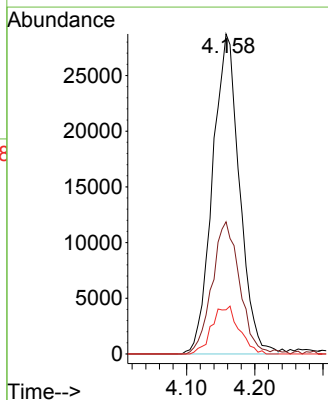
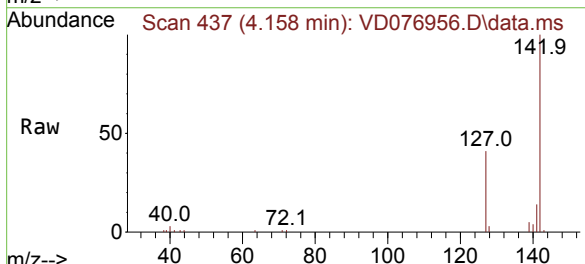
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

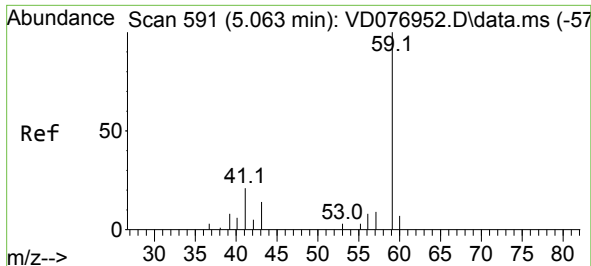
Tgt Ion:	101	Resp:	78256
Ion	Ratio	Lower	Upper
101	100		
85	44.9	33.8	50.6
151	74.9	59.8	89.6



#10
Methyl Iodide
Concen: 45.021 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:	142	Resp:	79024
Ion	Ratio	Lower	Upper
142	100		
127	42.1	29.4	44.0
141	15.1	11.1	16.7

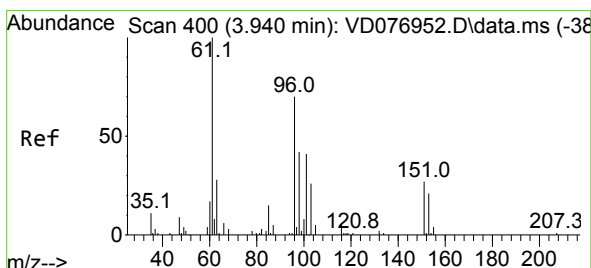
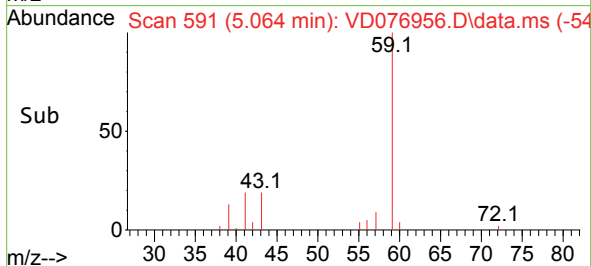
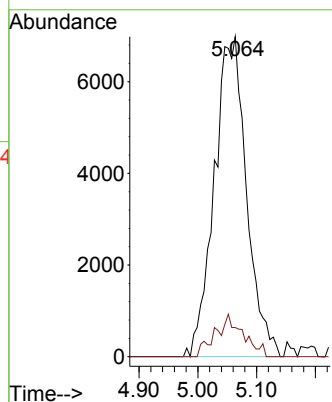
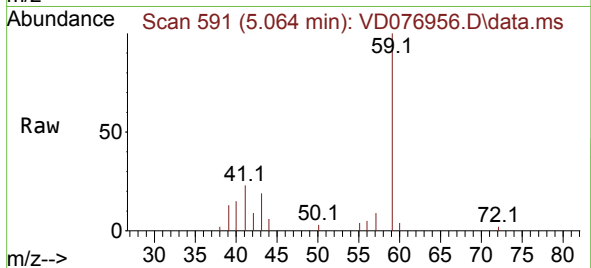




#11
Tert butyl alcohol
Concen: 259.829 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.001 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

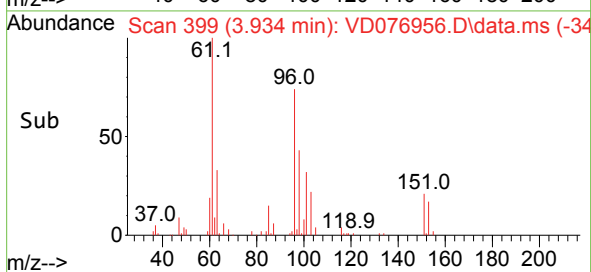
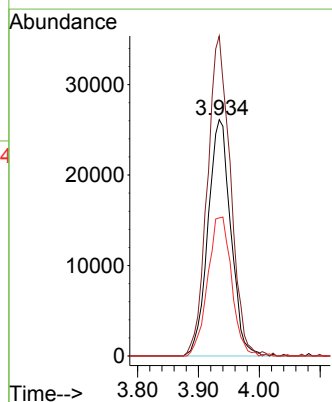
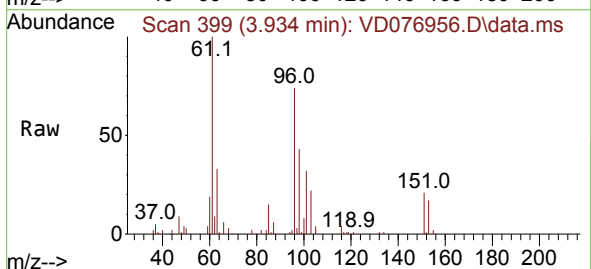
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

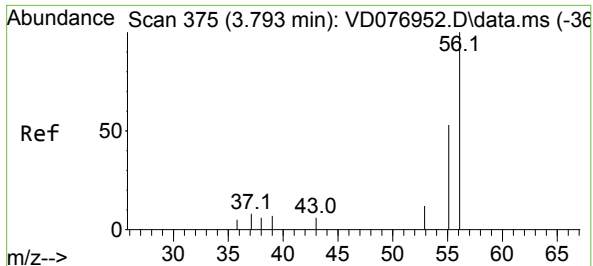
Tgt Ion: 59 Resp: 26602
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.498 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 96 Resp: 68058
Ion Ratio Lower Upper
96 100
61 135.4 100.6 150.8
98 58.5 50.2 75.2

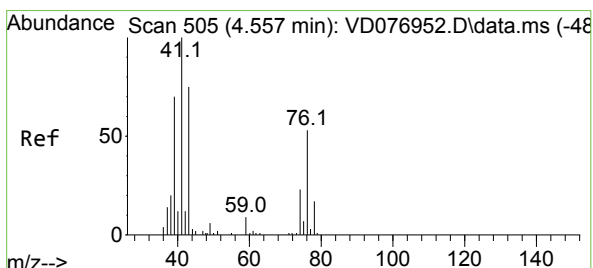
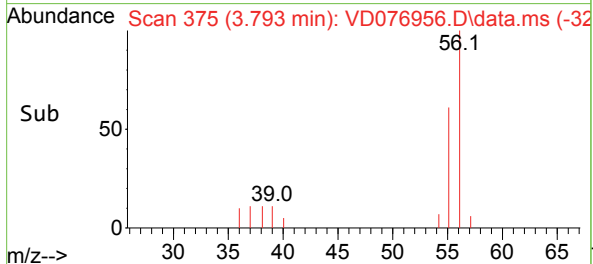
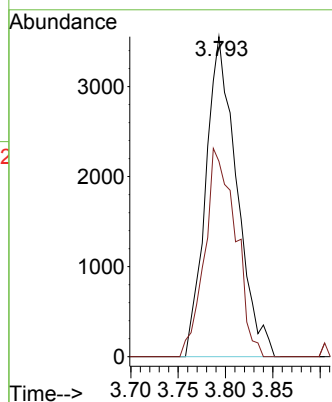
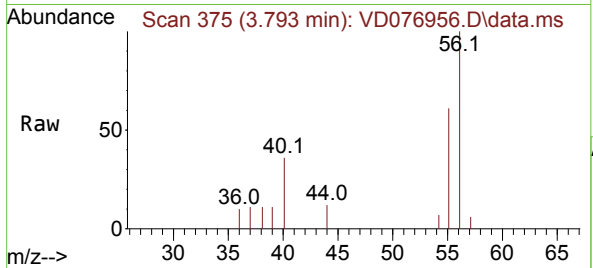




#13
Acrolein
Concen: 233.019 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

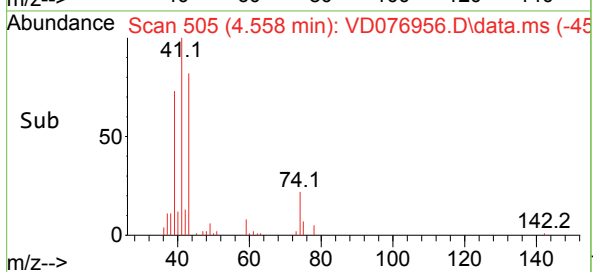
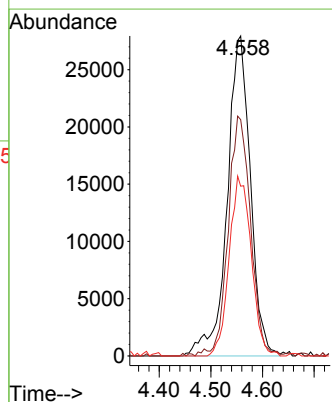
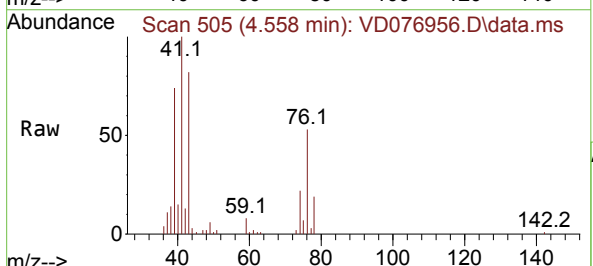
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

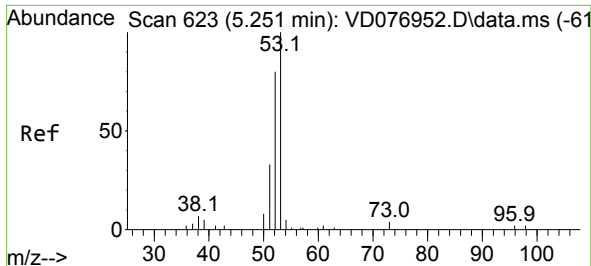
Tgt Ion: 56 Resp: 8099
Ion Ratio Lower Upper
56 100
55 64.8 55.1 82.7



#14
Allyl chloride
Concen: 47.484 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 41 Resp: 87233
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.6
76 53.3 45.8 68.8

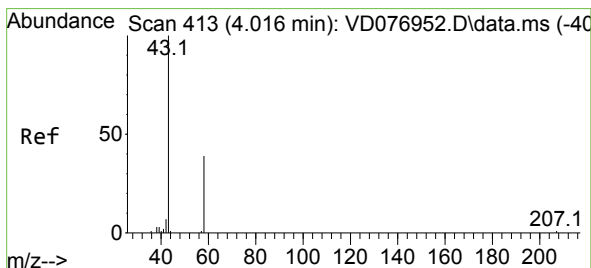
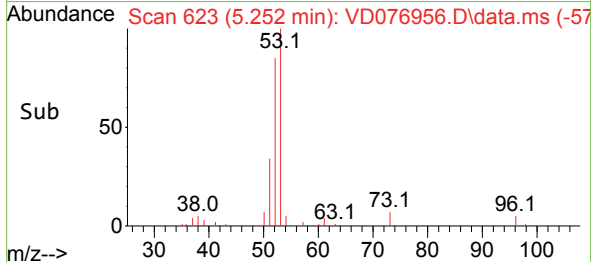
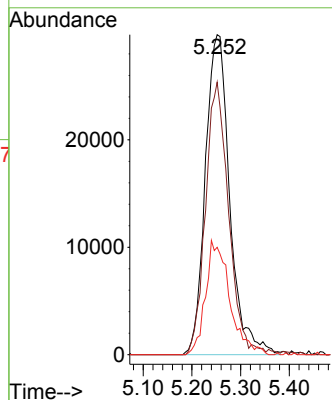
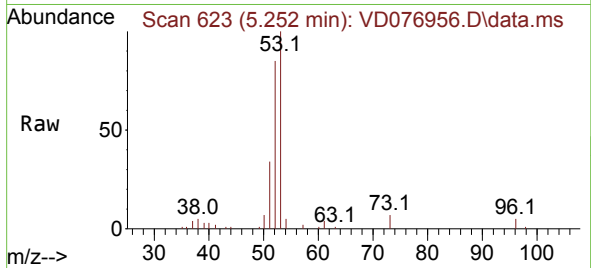




#15
Acrylonitrile
Concen: 243.682 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

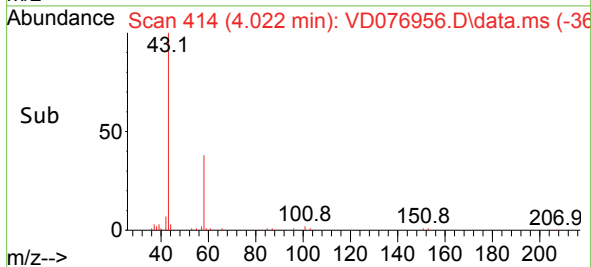
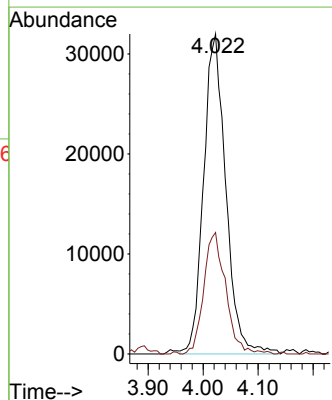
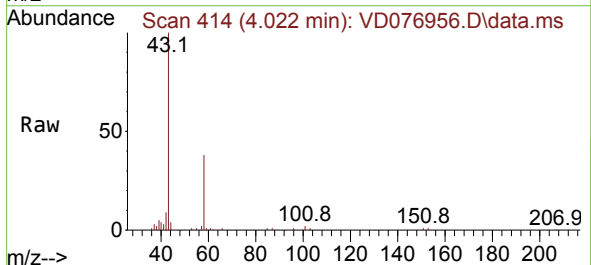
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

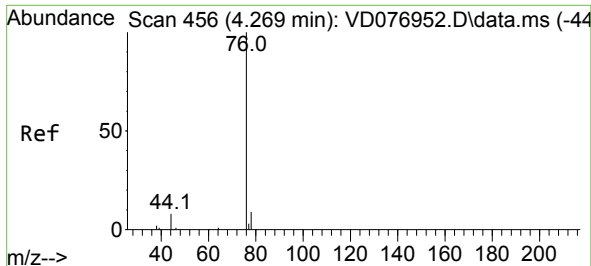
Tgt Ion:	53	Resp:	103769
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.0	97.4
51	35.2	28.3	42.5



#16
Acetone
Concen: 283.122 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:	43	Resp:	89764
Ion	Ratio	Lower	Upper
43	100		
58	38.0	34.7	52.1

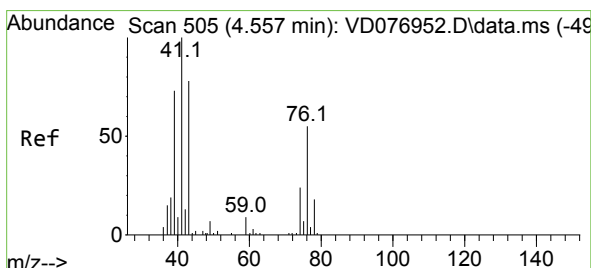
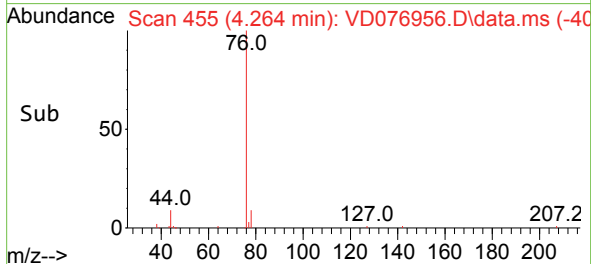
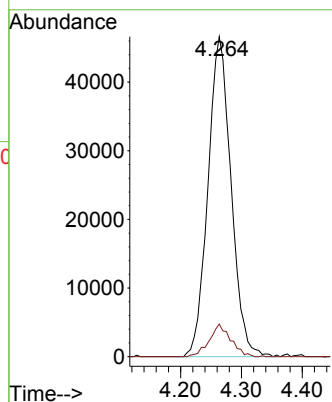
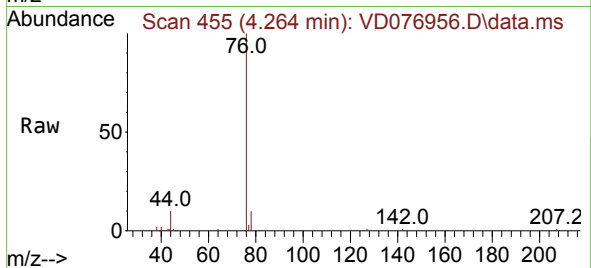




#17
Carbon Disulfide
Concen: 48.591 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

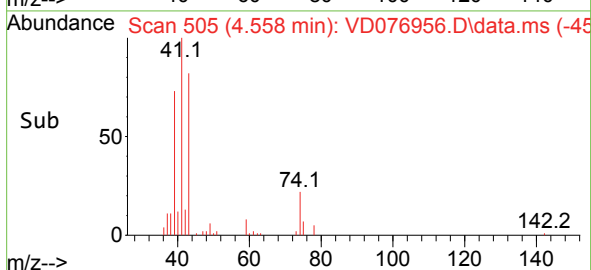
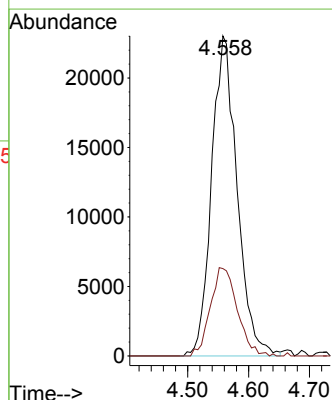
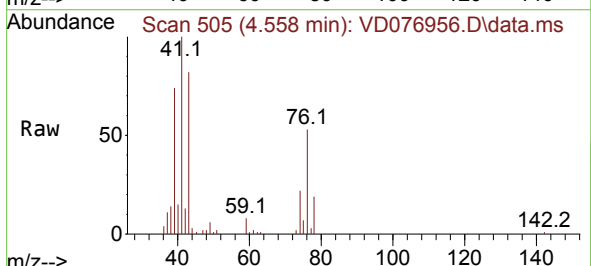
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

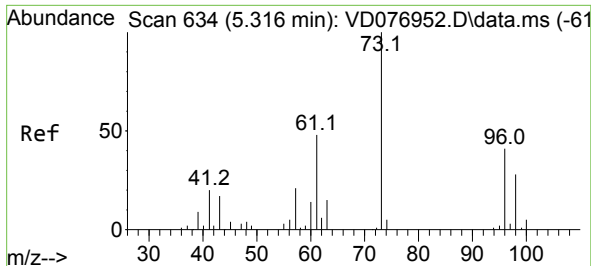
Tgt Ion: 76 Resp: 123037
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2



#18
Methyl Acetate
Concen: 46.457 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 43 Resp: 66886
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 48.645 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

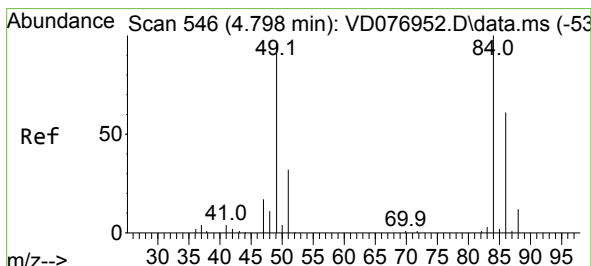
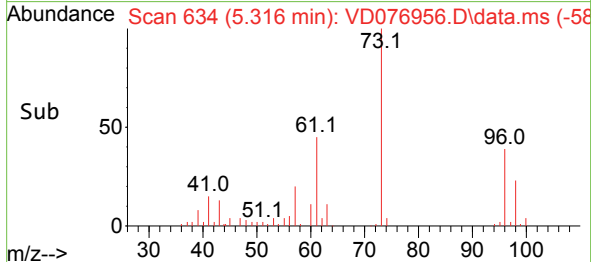
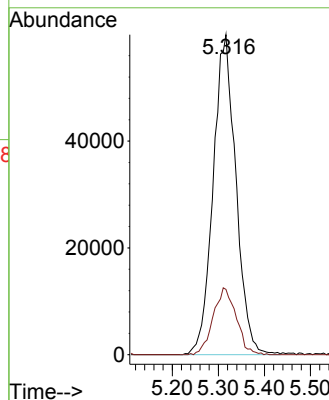
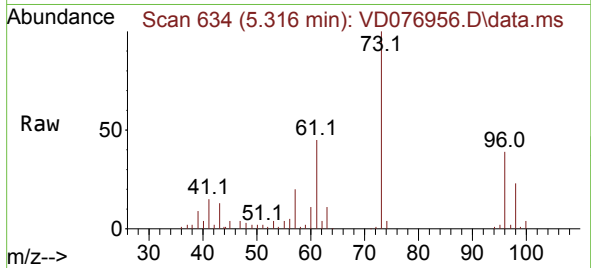
ICVVD080823

Tgt Ion: 73 Resp: 205395

Ion Ratio Lower Upper

73 100

57 20.4 16.6 25.0



#20

Methylene Chloride

Concen: 49.361 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.001 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Tgt Ion: 84 Resp: 110103

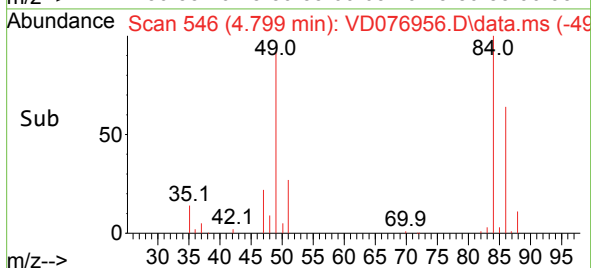
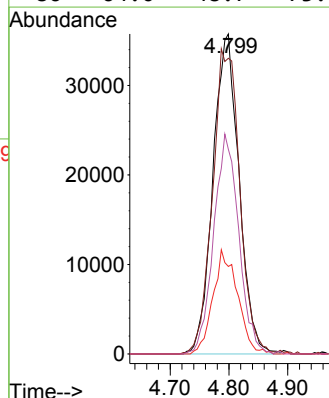
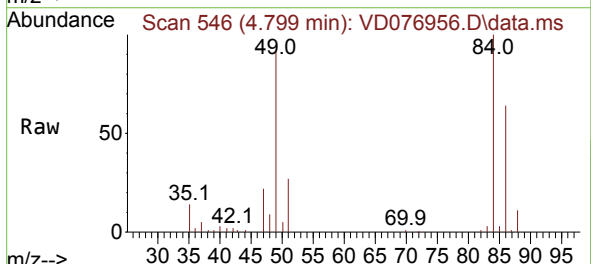
Ion Ratio Lower Upper

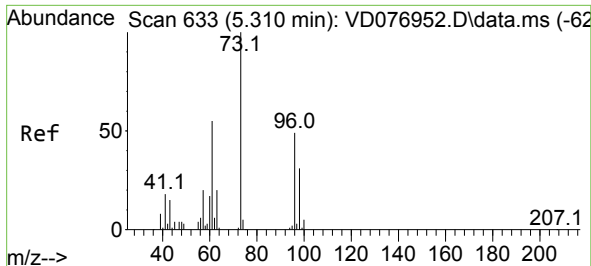
84 100

49 92.4 71.4 107.2

51 27.4 24.5 36.7

86 64.0 48.7 73.1

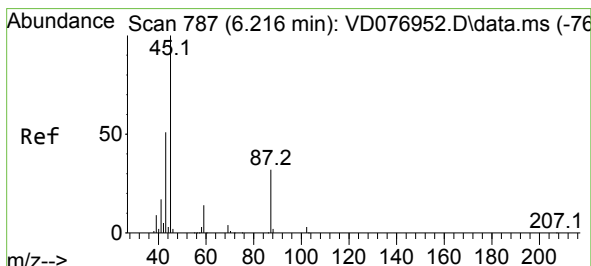
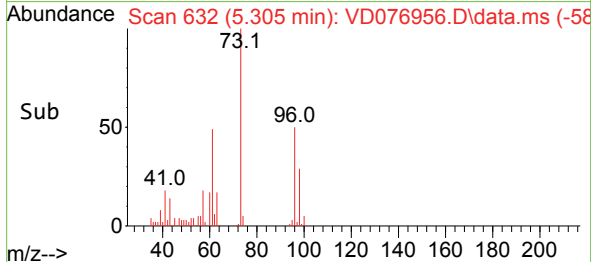
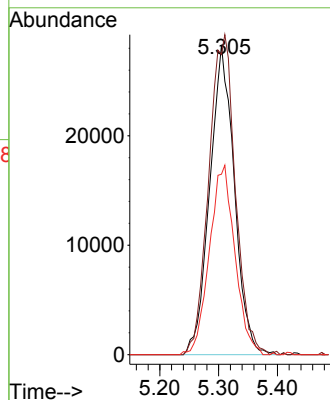
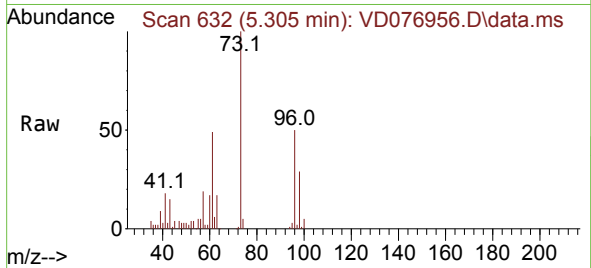




#21
trans-1,2-Dichloroethene
Concen: 47.981 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

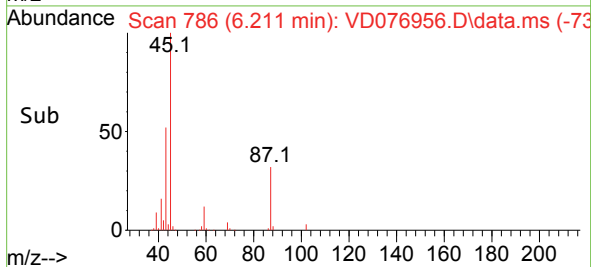
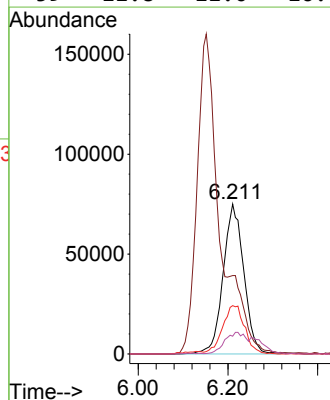
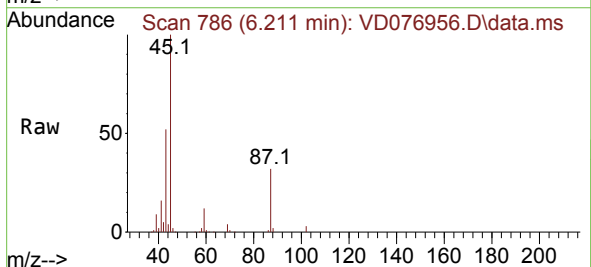
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

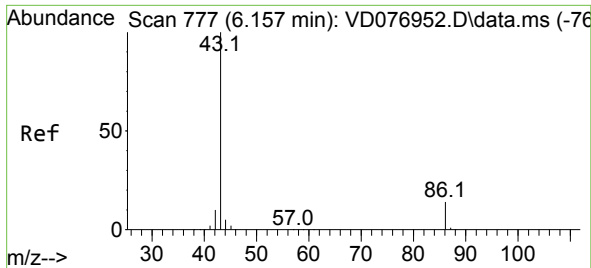
Tgt Ion: 96 Resp: 81983
Ion Ratio Lower Upper
96 100
61 96.9 89.3 133.9
98 58.3 48.6 73.0



#22
Diisopropyl ether
Concen: 50.110 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 45 Resp: 240486
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 32.3 28.2 42.4
59 11.8 11.0 16.4

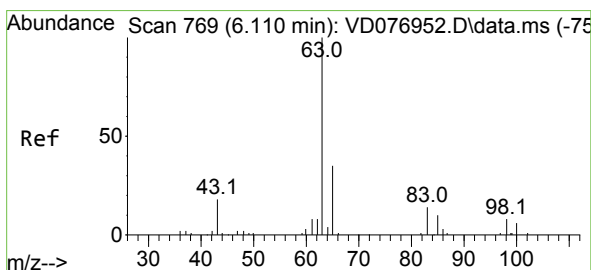
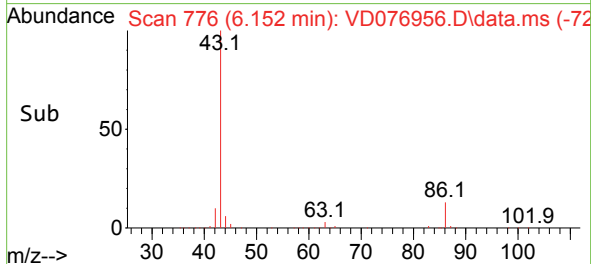
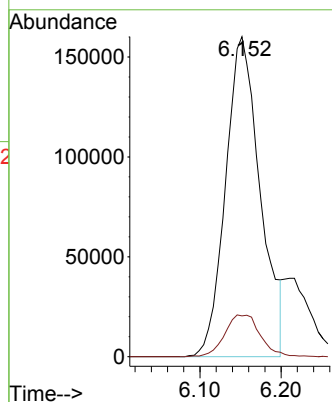
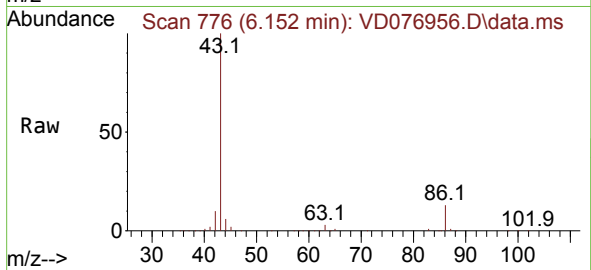




#23
 Vinyl Acetate
 Concen: 211.015 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

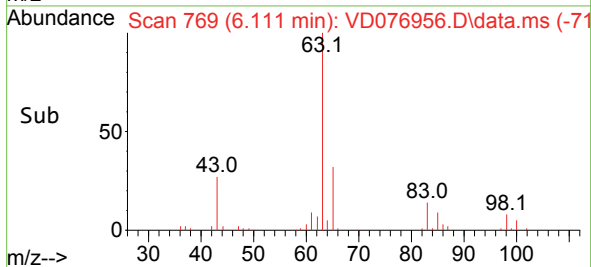
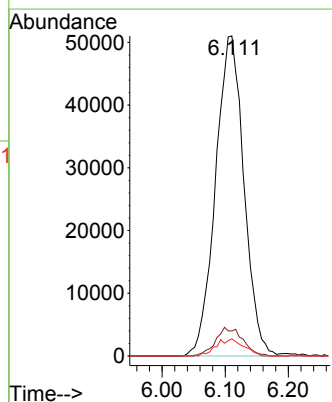
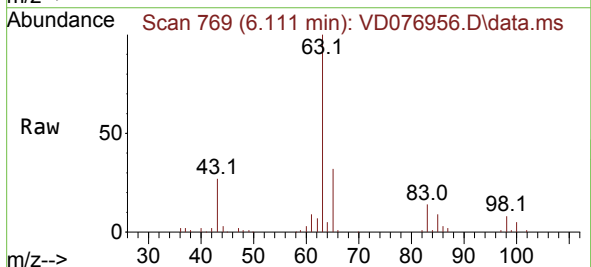
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080823

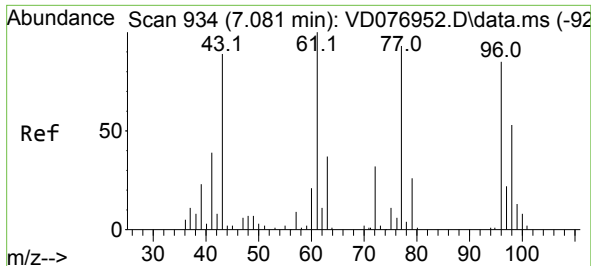
Tgt Ion: 43 Resp: 474954
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 46.445 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion: 63 Resp: 159317
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 237.537 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

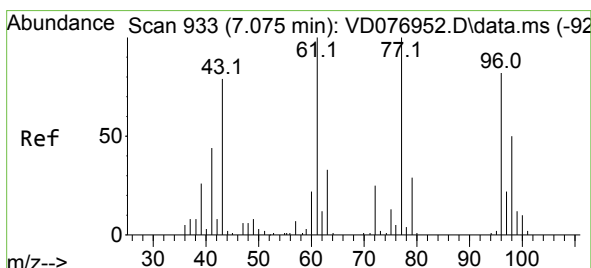
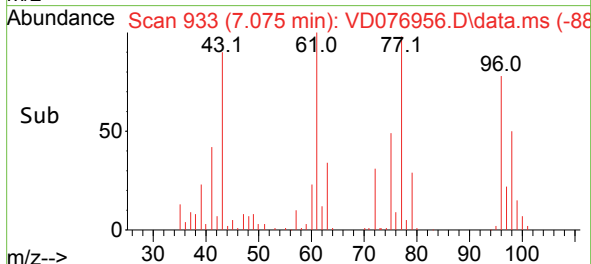
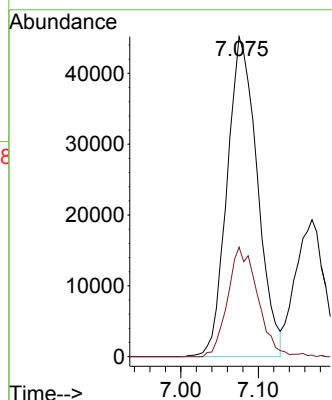
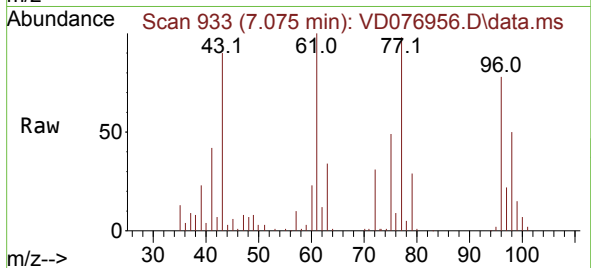
ICVVD080823

Tgt Ion: 43 Resp: 122506

Ion Ratio Lower Upper

43 100

72 34.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 45.644 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076956.D

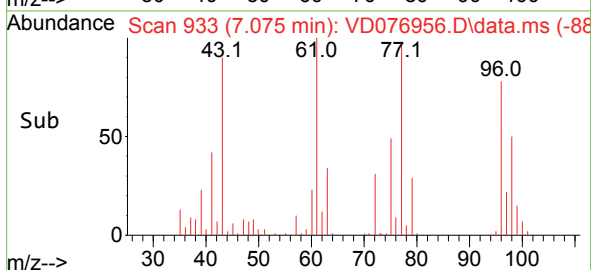
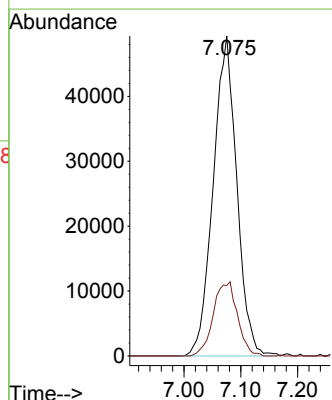
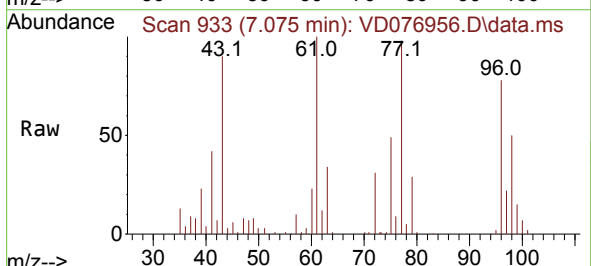
Acq: 08 Aug 2023 16:08

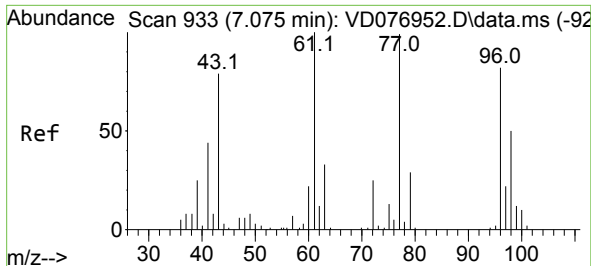
Tgt Ion: 77 Resp: 142154

Ion Ratio Lower Upper

77 100

97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 47.867 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

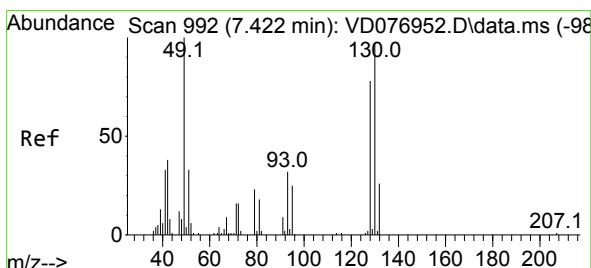
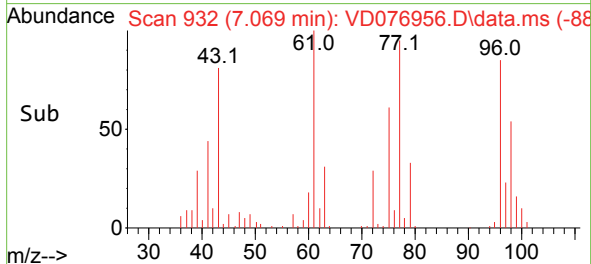
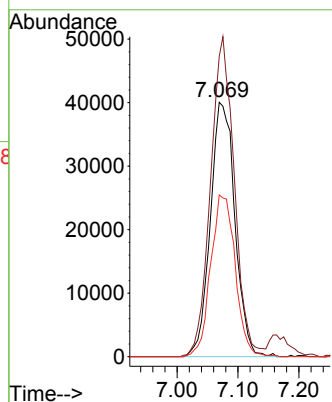
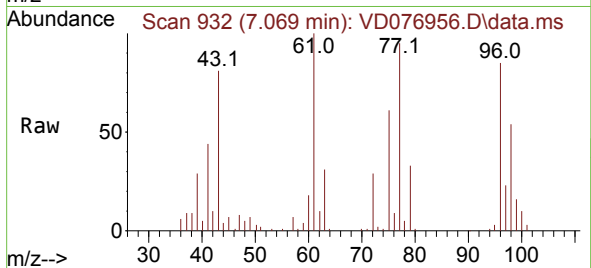
Tgt Ion: 96 Resp: 112228

Ion Ratio Lower Upper

96 100

61 121.6 0.0 239.2

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 51.347 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

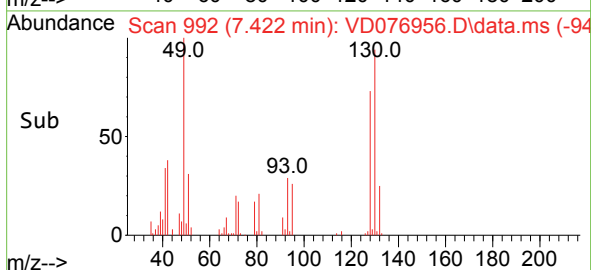
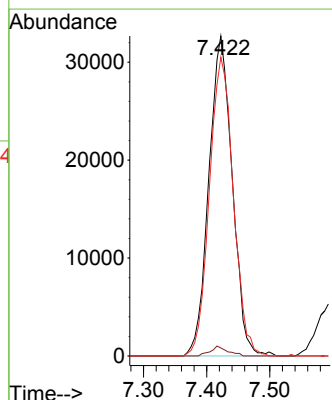
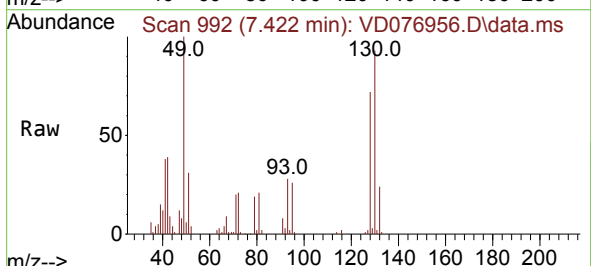
Tgt Ion: 49 Resp: 84180

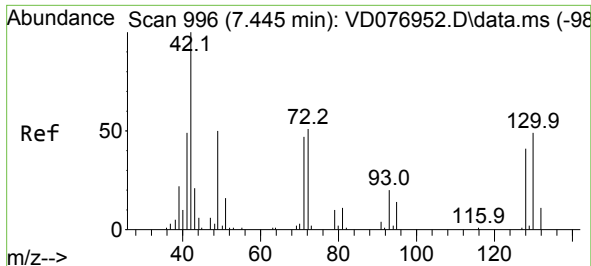
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 95.2 83.2 124.8

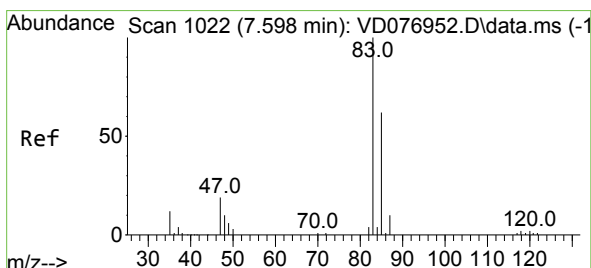
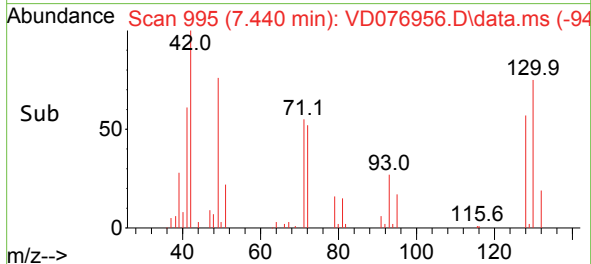
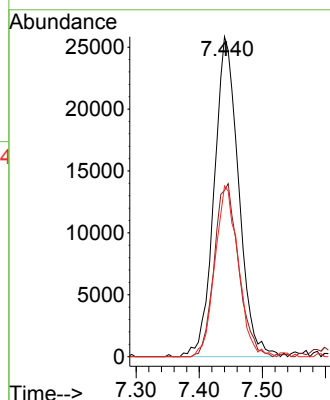
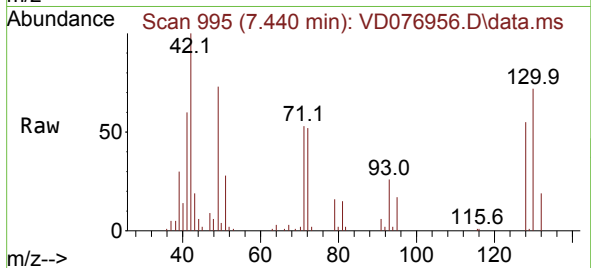




#29
Tetrahydrofuran
Concen: 241.973 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

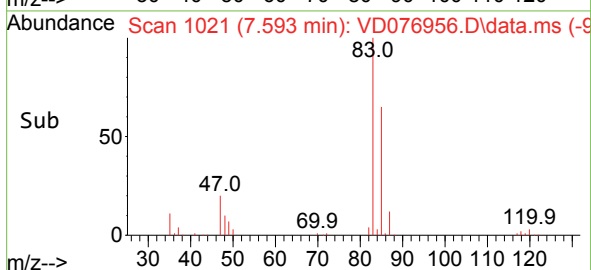
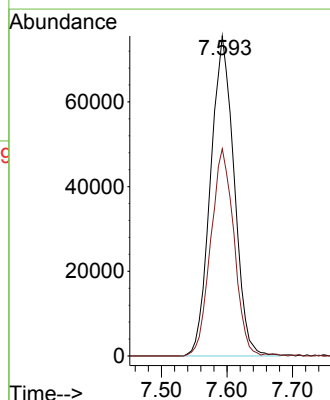
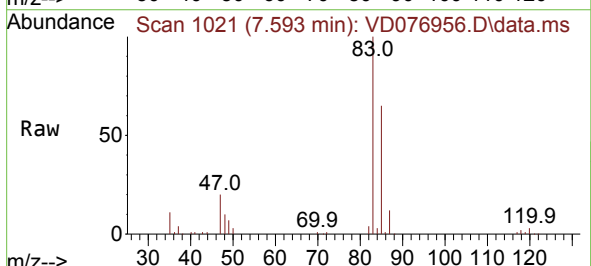
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

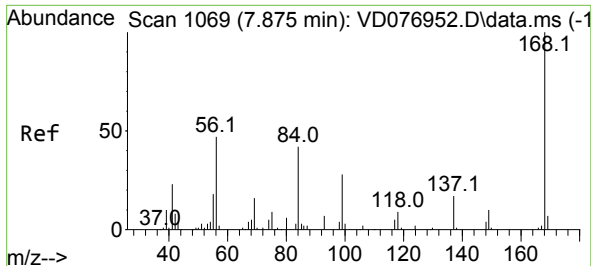
Tgt Ion: 42 Resp: 69686
Ion Ratio Lower Upper
42 100
72 53.6 46.5 69.7
71 51.1 44.5 66.7



#30
Chloroform
Concen: 48.079 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 83 Resp: 188156
Ion Ratio Lower Upper
83 100
85 64.8 53.4 80.2





#31

Cyclohexane

Concen: 48.796 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

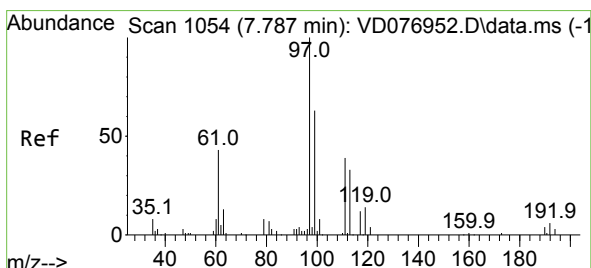
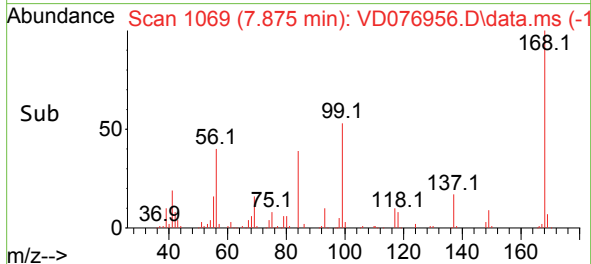
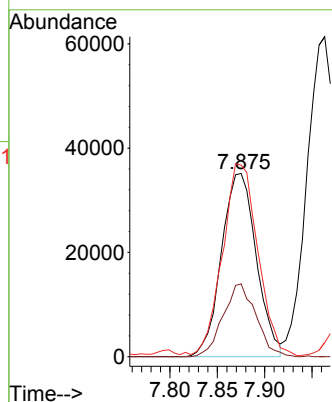
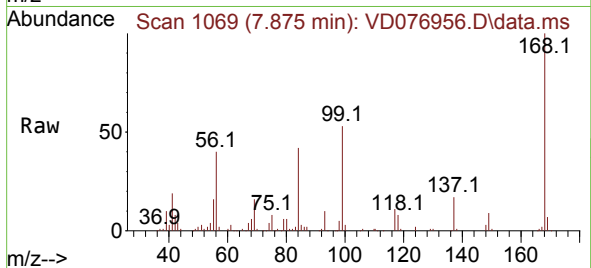
Tgt Ion: 56 Resp: 90113

Ion Ratio Lower Upper

56 100

69 39.7 28.6 43.0

84 103.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 46.169 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

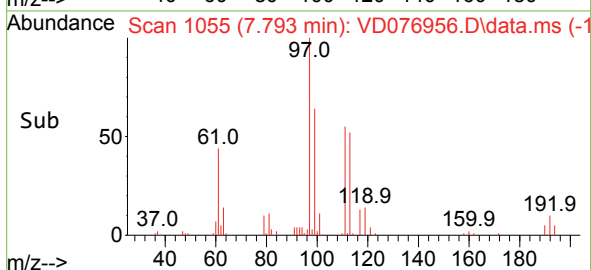
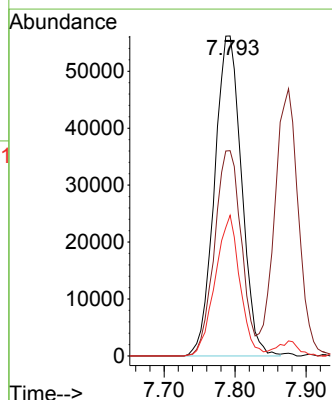
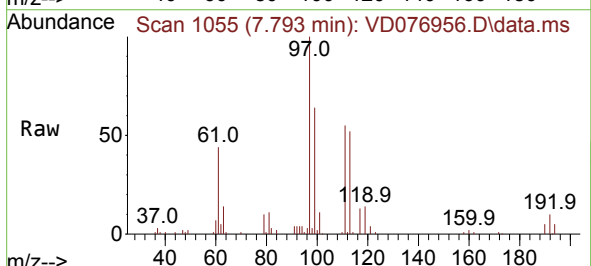
Tgt Ion: 97 Resp: 148284

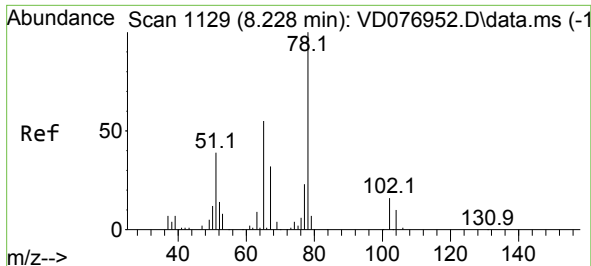
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.752 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

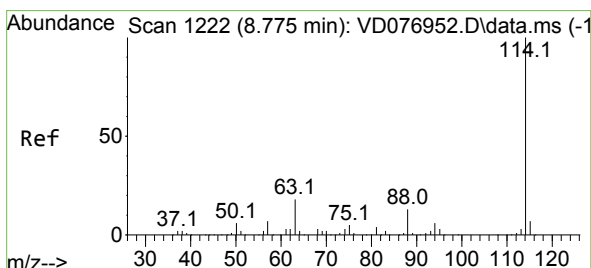
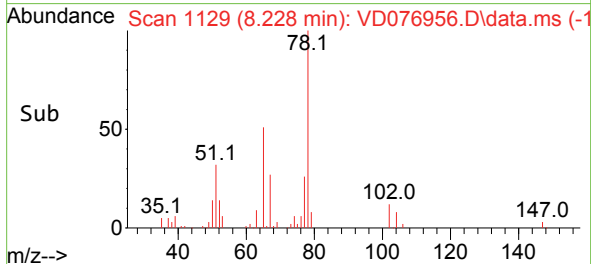
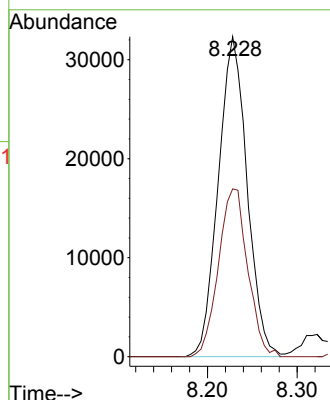
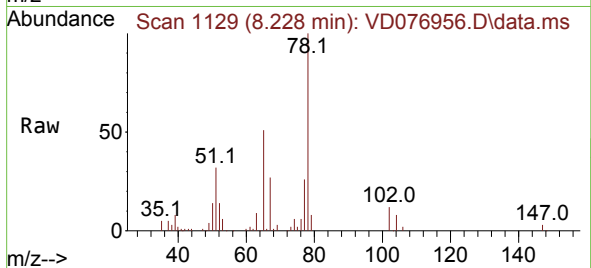
ICVVD080823

Tgt Ion: 65 Resp: 72084

Ion Ratio Lower Upper

65 100

67 53.2 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: VD076956.D

Acq: 08 Aug 2023 16:08

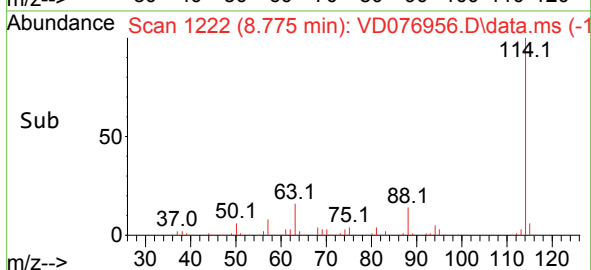
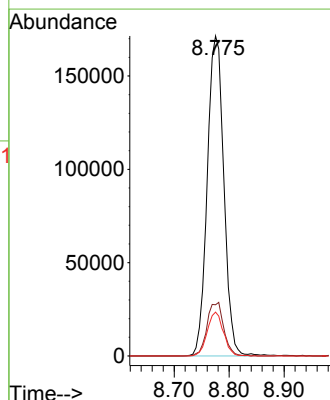
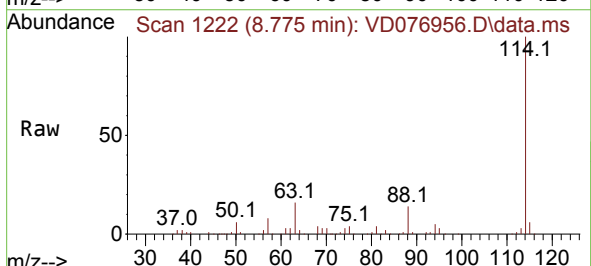
Tgt Ion: 114 Resp: 359831

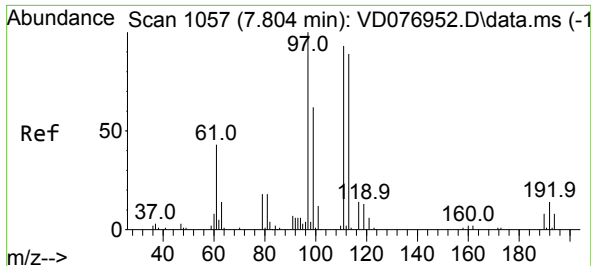
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.7 0.0 26.2

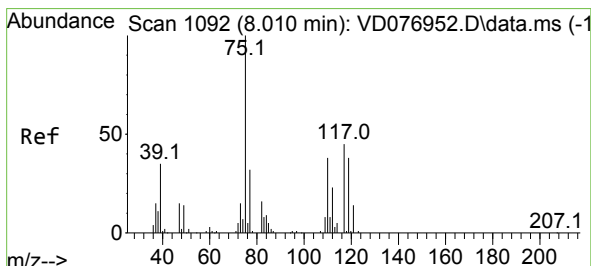
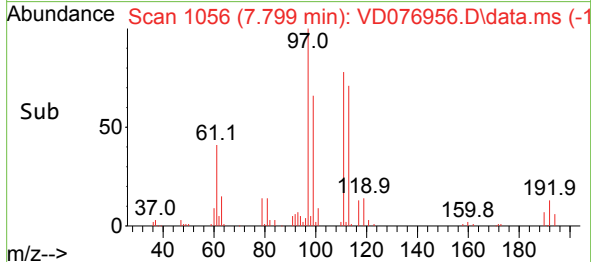
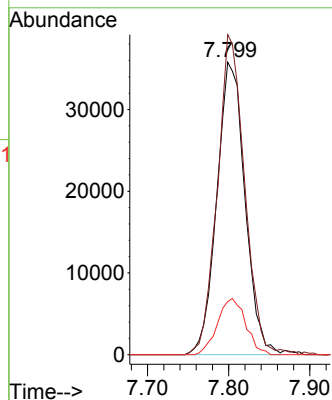
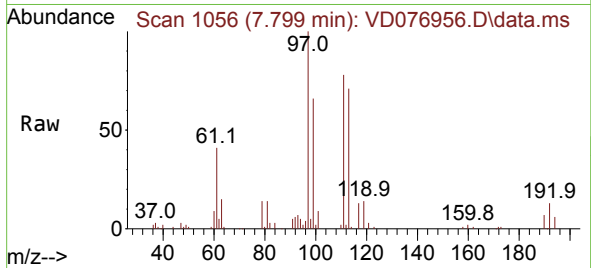




#35
 Dibromofluoromethane
 Concen: 44.564 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

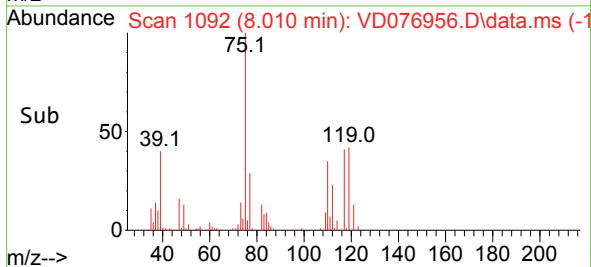
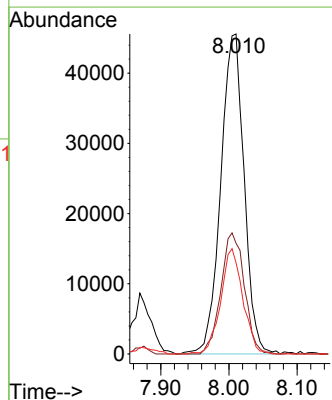
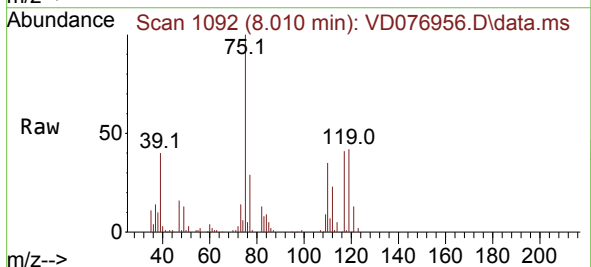
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080823

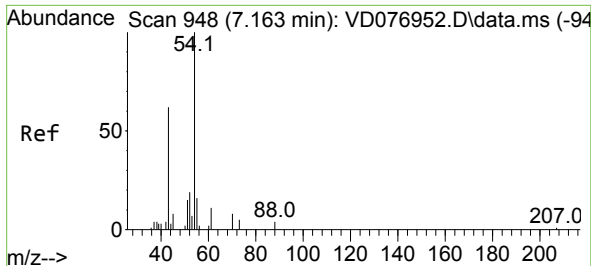
Tgt Ion:113 Resp: 86209
 Ion Ratio Lower Upper
 113 100
 111 106.1 84.7 127.1
 192 19.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 45.453 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion: 75 Resp: 108732
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.9 59.6
 77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 46.154 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076956.D

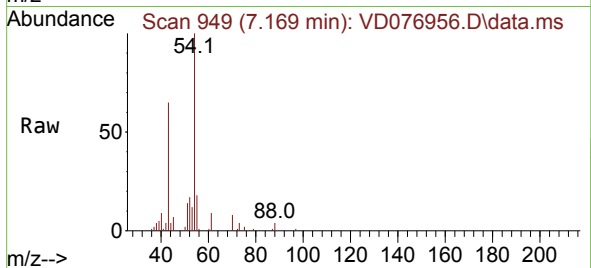
Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823



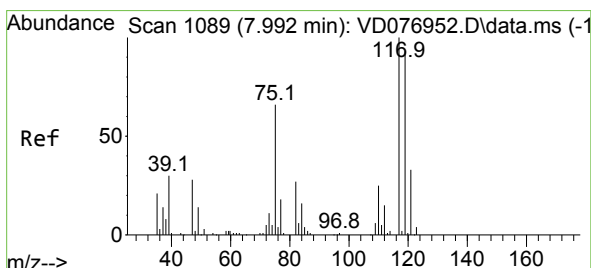
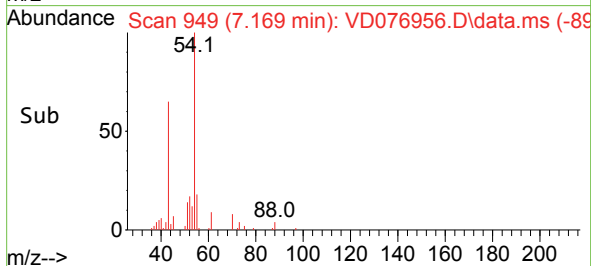
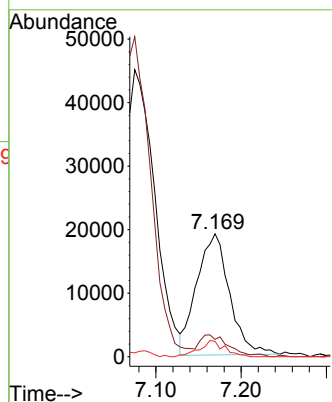
Tgt Ion: 43 Resp: 50947

Ion Ratio Lower Upper

43 100

61 15.7 14.9 22.3

70 10.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 45.071 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

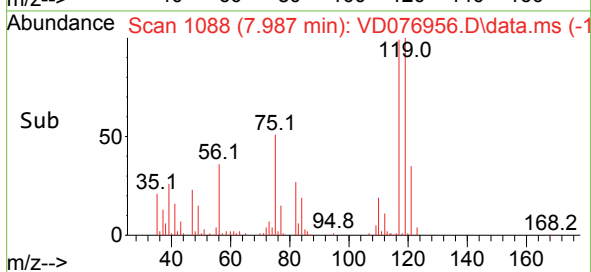
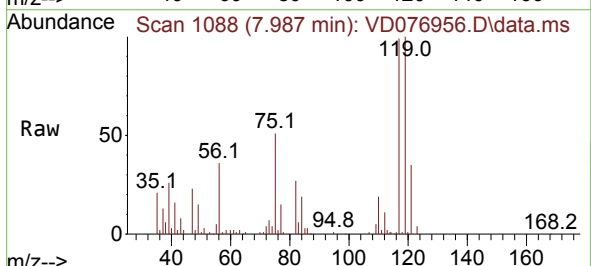
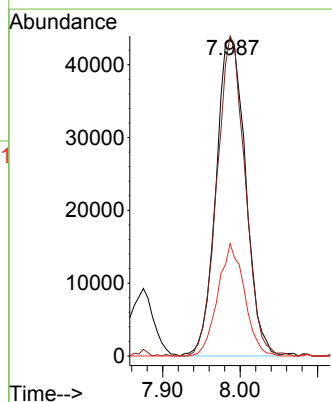
Tgt Ion: 117 Resp: 115396

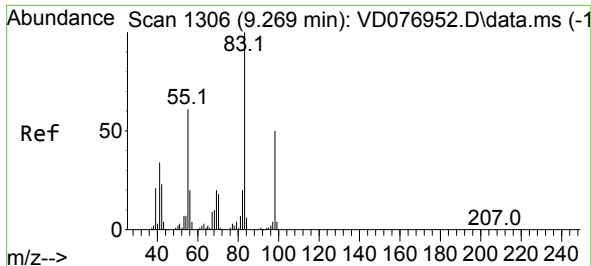
Ion Ratio Lower Upper

117 100

119 100.8 78.0 117.0

121 35.4 24.2 36.2





#39

Methylcyclohexane

Concen: 45.152 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

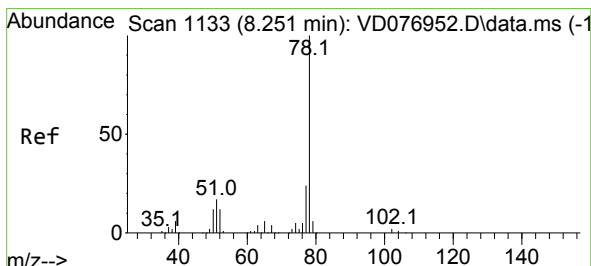
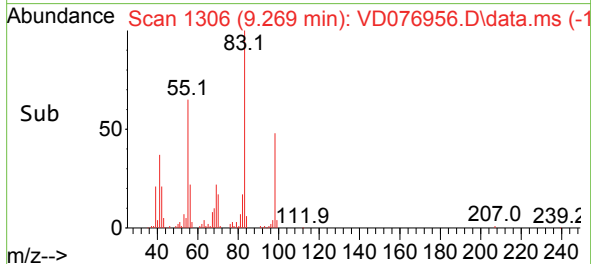
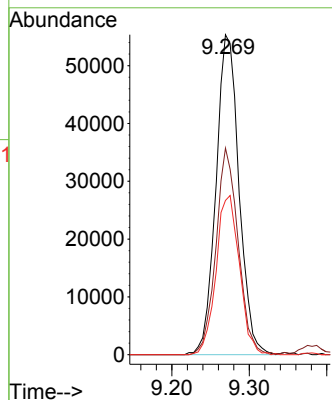
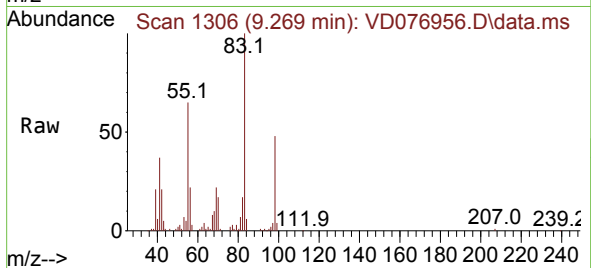
Tgt Ion: 83 Resp: 114437

Ion Ratio Lower Upper

83 100

55 64.6 49.4 74.0

98 48.2 38.4 57.6



#40

Benzene

Concen: 46.126 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076956.D

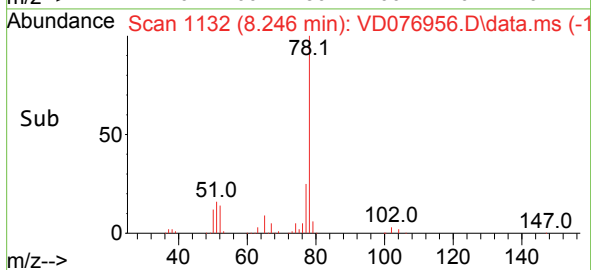
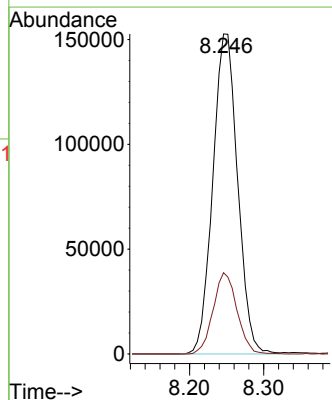
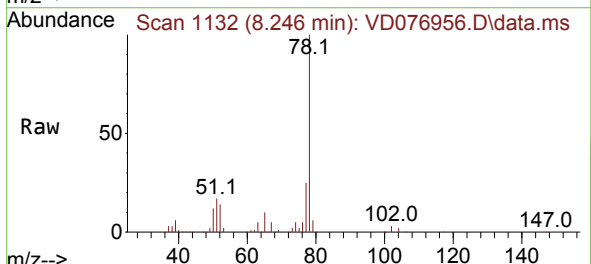
Acq: 08 Aug 2023 16:08

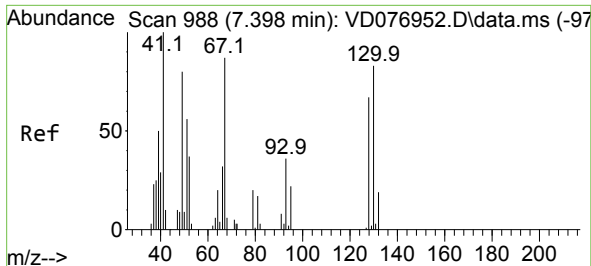
Tgt Ion: 78 Resp: 354793

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0

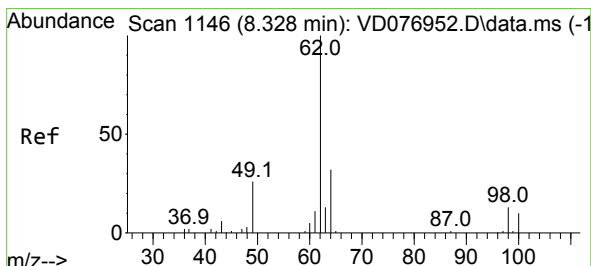
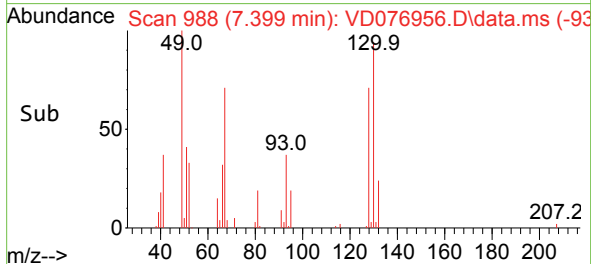
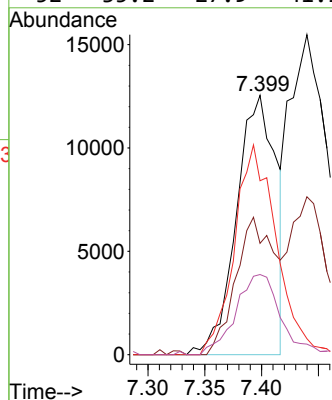
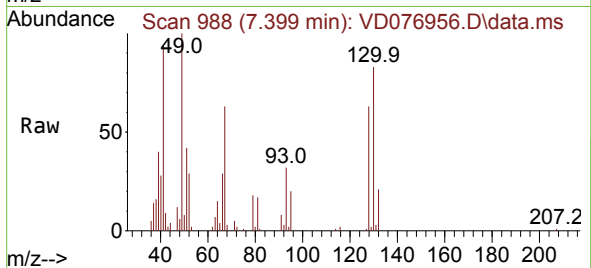




#41
Methacrylonitrile
Concen: 50.951 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

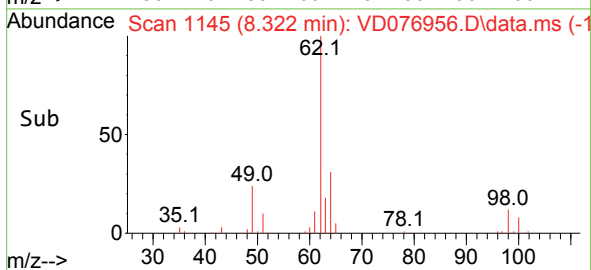
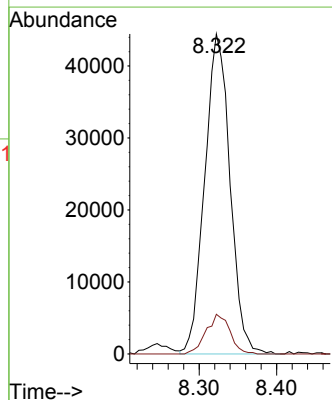
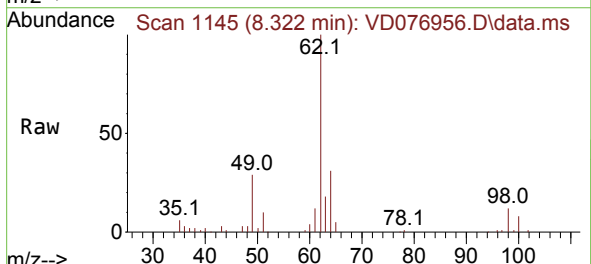
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

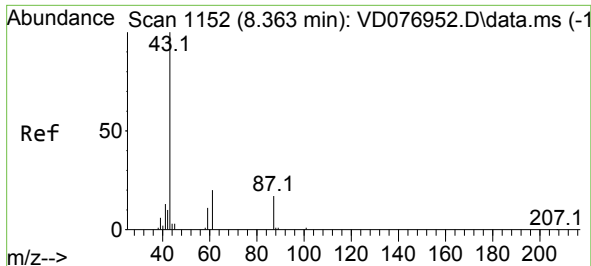
Tgt Ion: 41 Resp: 30348
Ion Ratio Lower Upper
41 100
39 51.7 34.0 51.0#
67 85.7 77.0 115.4
52 35.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 48.703 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 62 Resp: 100981
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

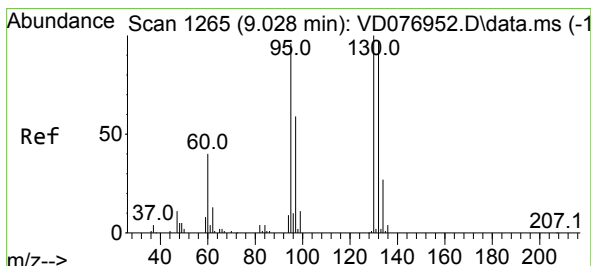
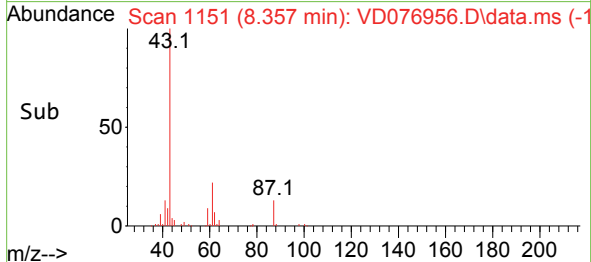
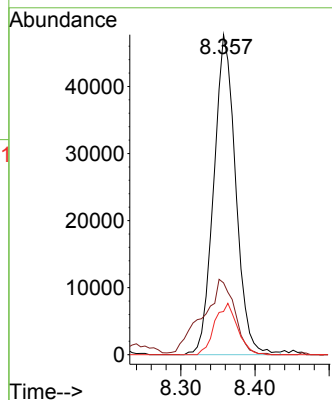
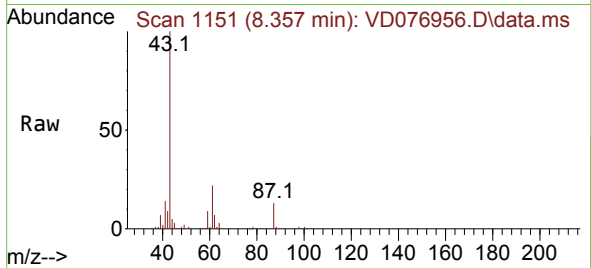




#43
Isopropyl Acetate
Concen: 47.323 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

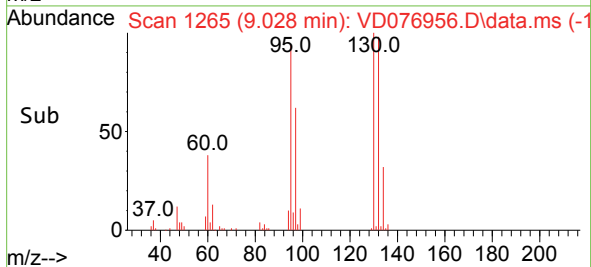
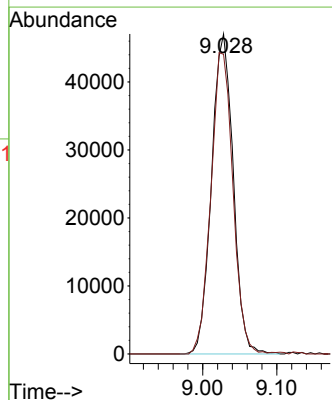
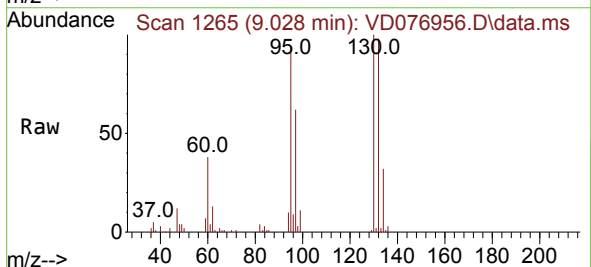
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

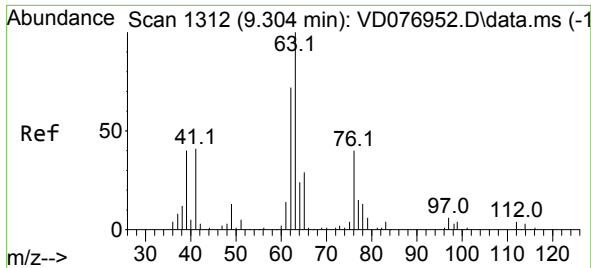
Tgt Ion: 43 Resp: 98163
Ion Ratio Lower Upper
43 100
61 34.6 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 44.969 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:130 Resp: 95497
Ion Ratio Lower Upper
130 100
95 93.6 0.0 179.2

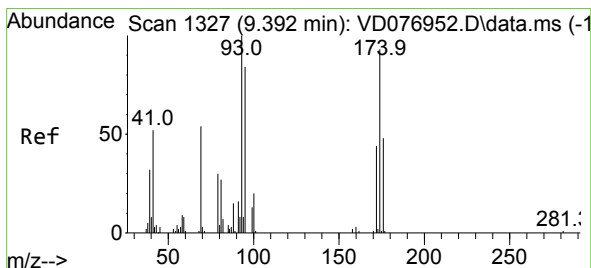
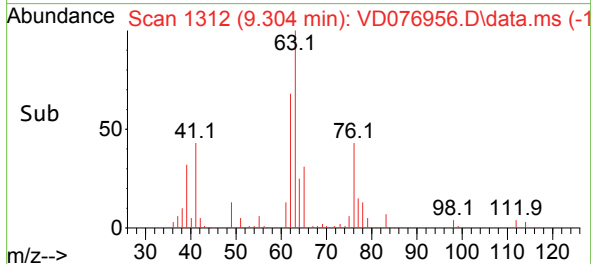
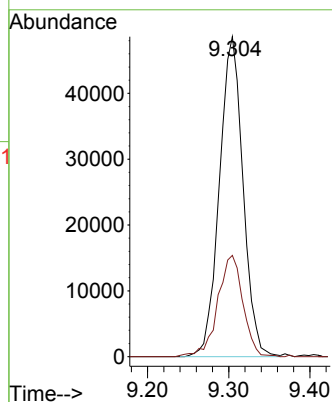
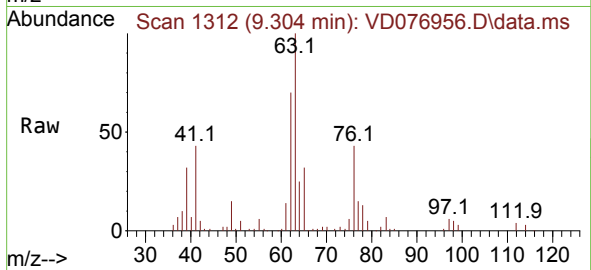




#45
1,2-Dichloropropane
Concen: 47.419 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

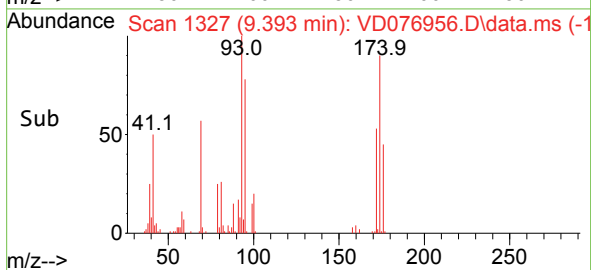
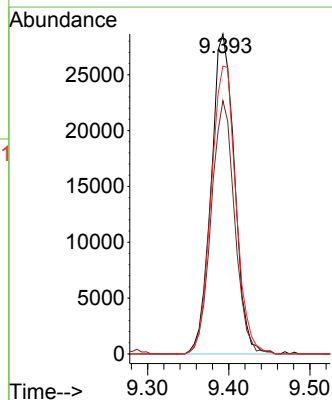
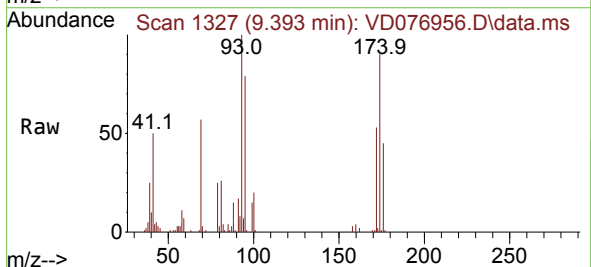
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

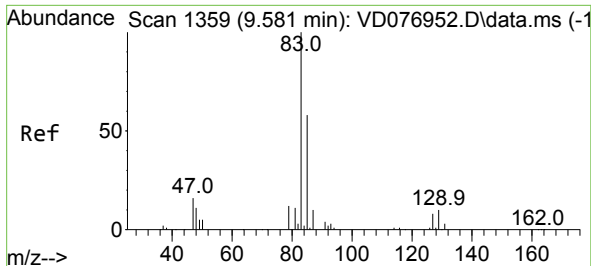
Tgt Ion: 63 Resp: 98292
Ion Ratio Lower Upper
63 100
65 31.6 24.5 36.7



#46
Dibromomethane
Concen: 46.289 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 93 Resp: 57336
Ion Ratio Lower Upper
93 100
95 79.3 67.7 101.5
174 95.3 85.4 128.2

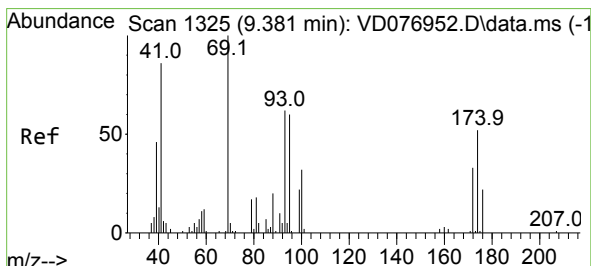
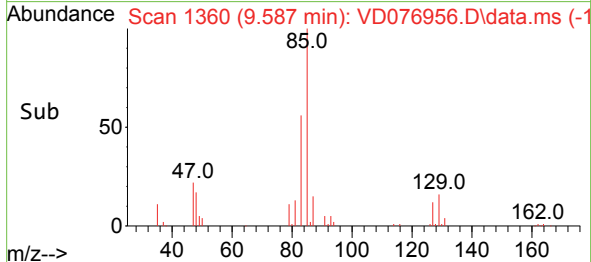
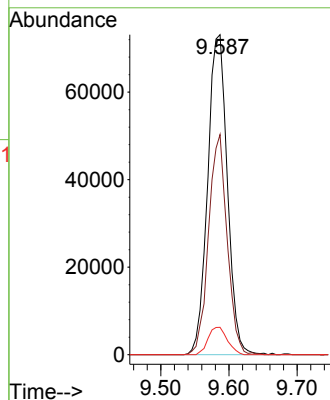
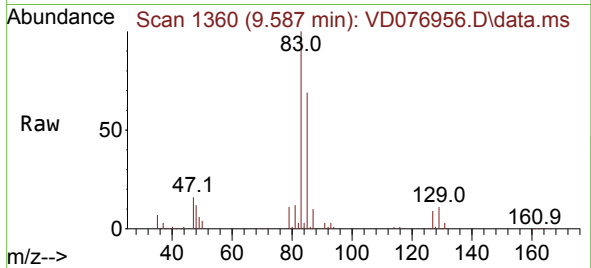




#47
Bromodichloromethane
Concen: 46.279 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

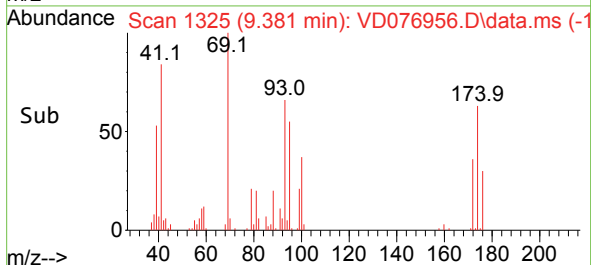
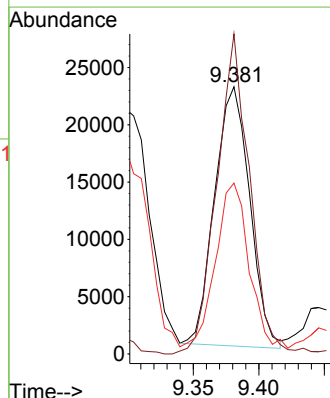
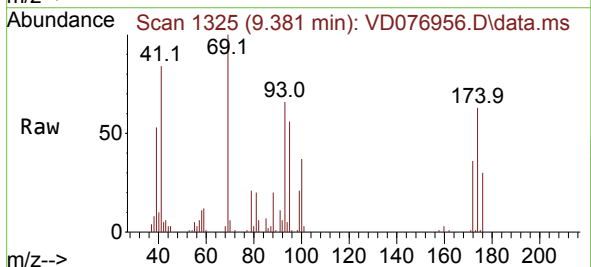
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

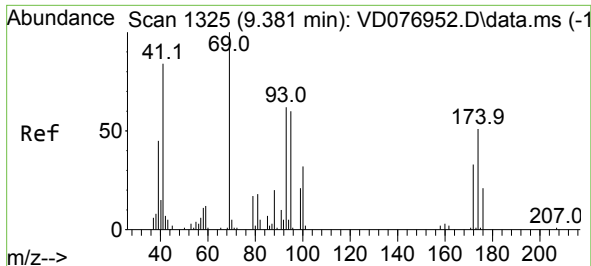
Tgt Ion: 83 Resp: 147047
Ion Ratio Lower Upper
83 100
85 68.8 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 46.158 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 41 Resp: 42102
Ion Ratio Lower Upper
41 100
69 115.2 102.2 153.2
39 66.1 41.4 62.2#





#49

1,4-Dioxane

Concen: 871.756 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

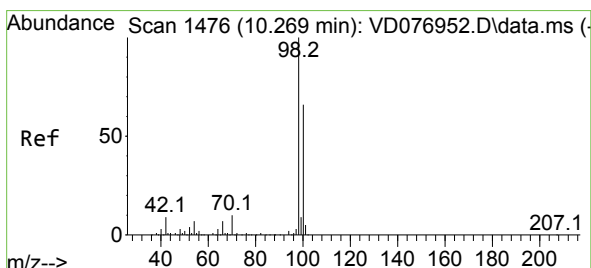
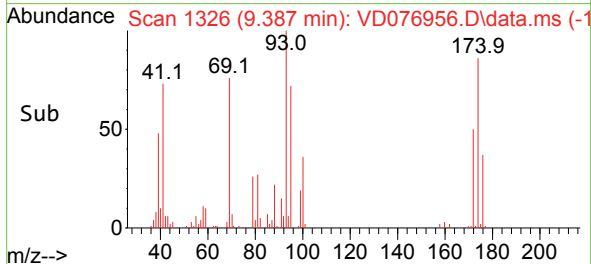
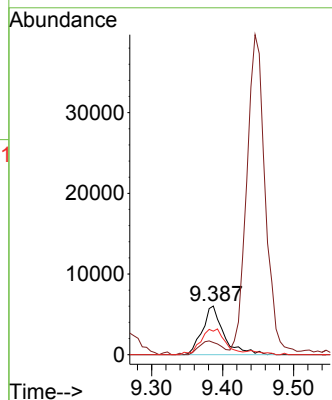
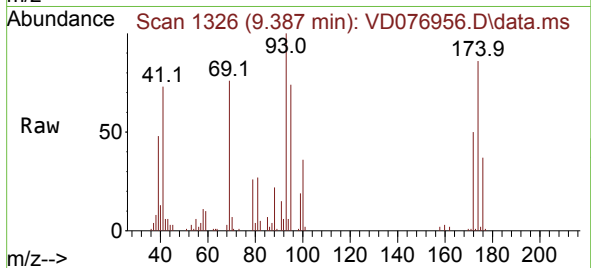
Tgt Ion: 88 Resp: 12621

Ion Ratio Lower Upper

88 100

43 29.7 19.0 28.6#

58 59.9 43.5 65.3



#50

Toluene-d8

Concen: 44.106 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076956.D

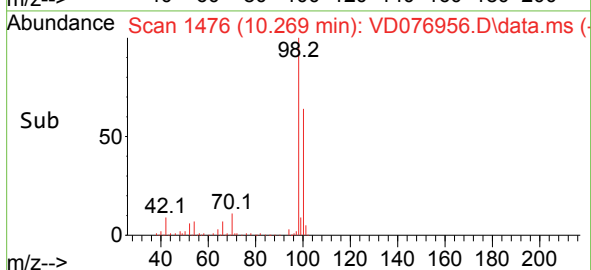
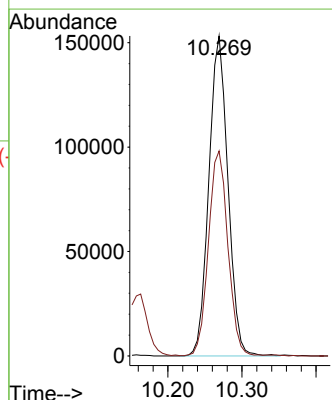
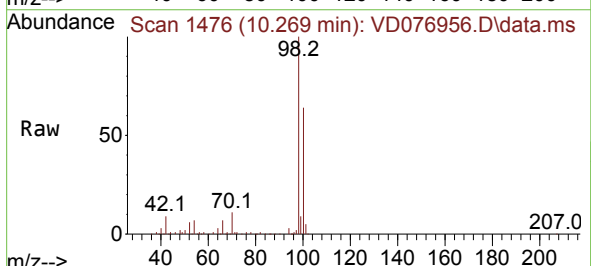
Acq: 08 Aug 2023 16:08

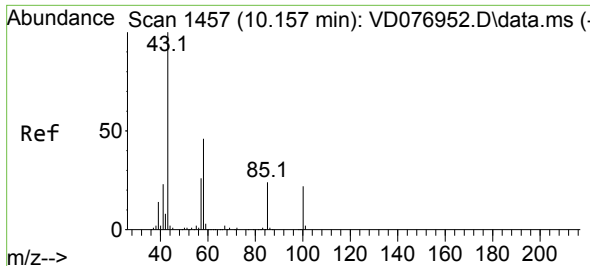
Tgt Ion: 98 Resp: 274048

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

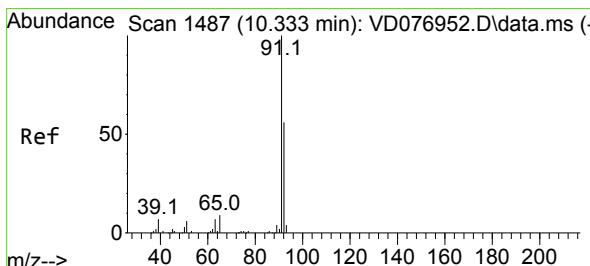
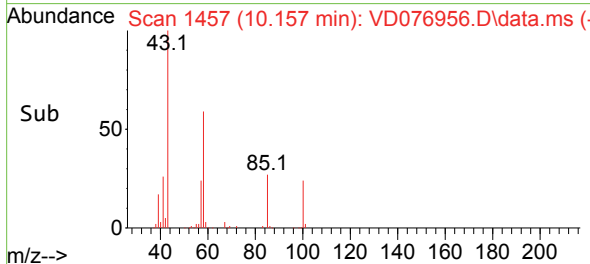
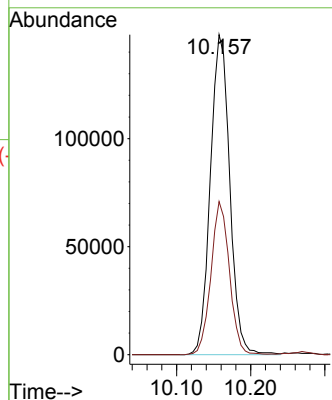
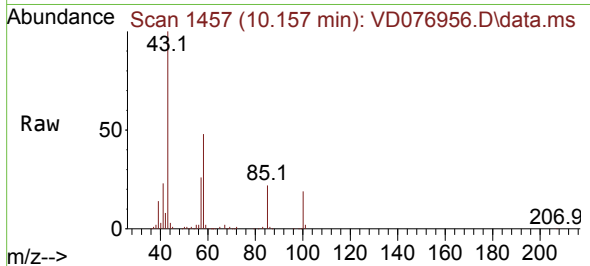




#51
4-Methyl-2-Pentanone
Concen: 235.146 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

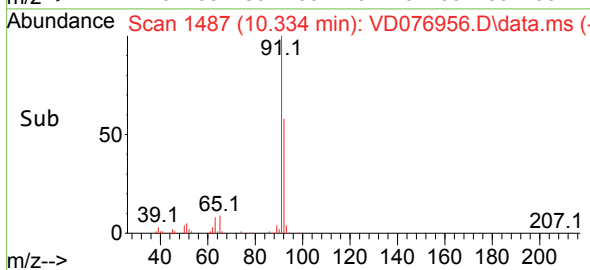
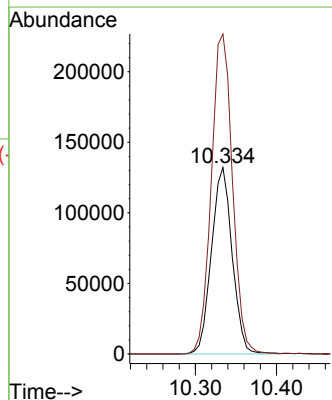
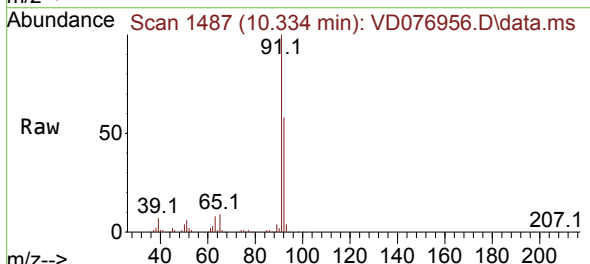
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

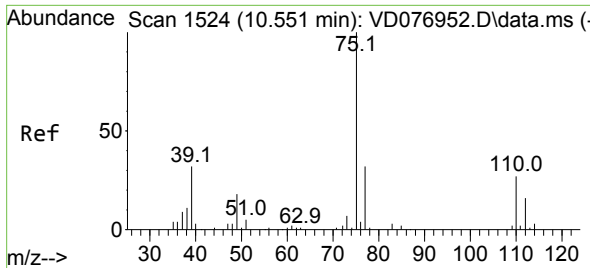
Tgt Ion: 43 Resp: 269237
Ion Ratio Lower Upper
43 100
58 45.5 38.9 58.3



#52
Toluene
Concen: 46.331 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 92 Resp: 234046
Ion Ratio Lower Upper
92 100
91 175.8 143.0 214.4

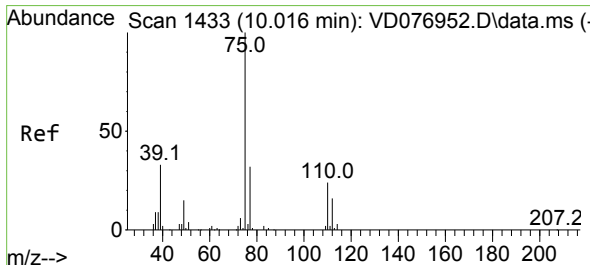
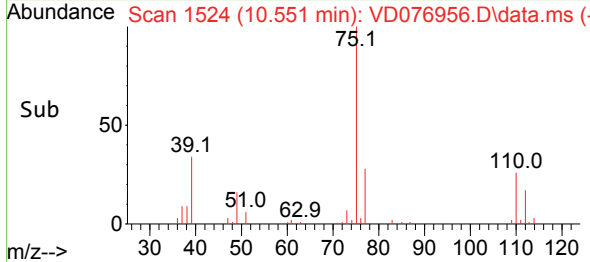
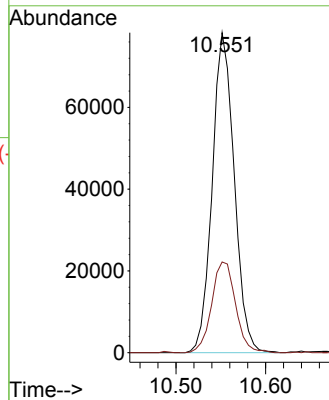
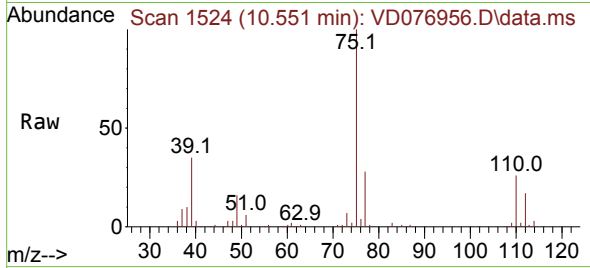




#53
 t-1,3-Dichloropropene
 Concen: 48.089 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

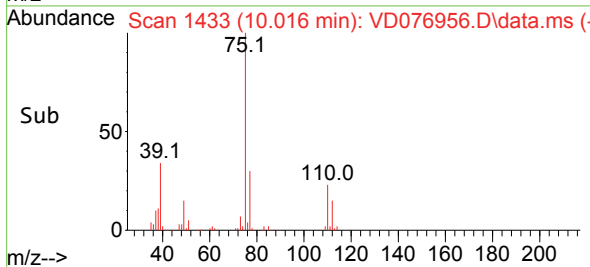
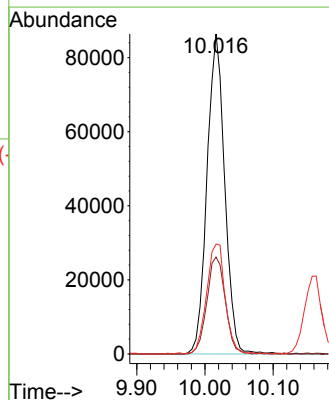
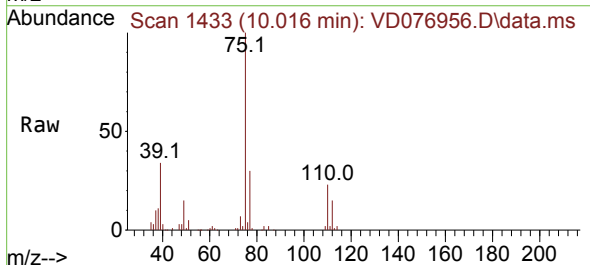
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080823

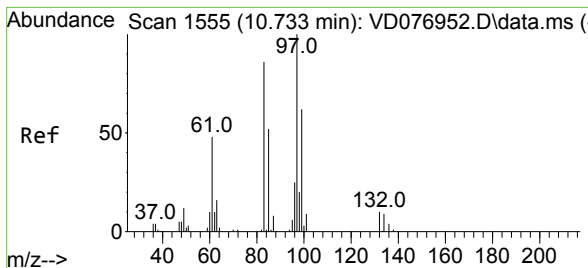
Tgt Ion: 75 Resp: 133300
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.511 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion: 75 Resp: 155959
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 34.1 22.1 33.1#

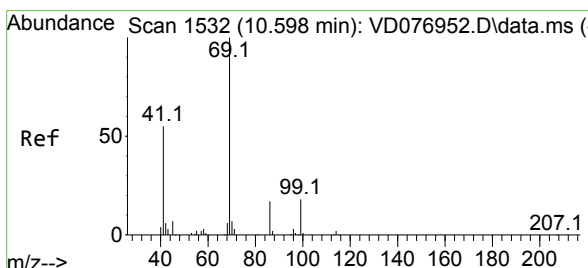
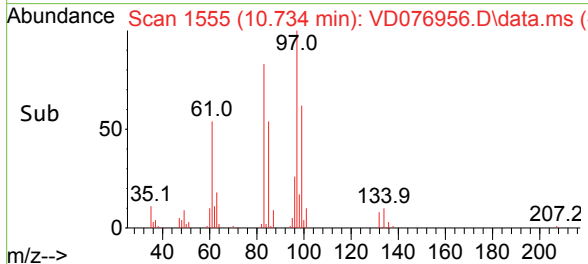
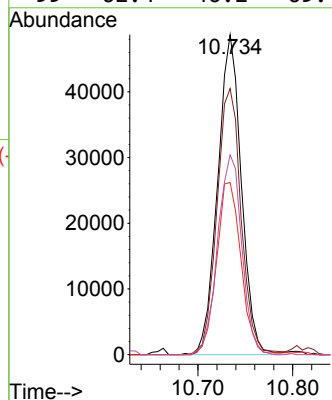
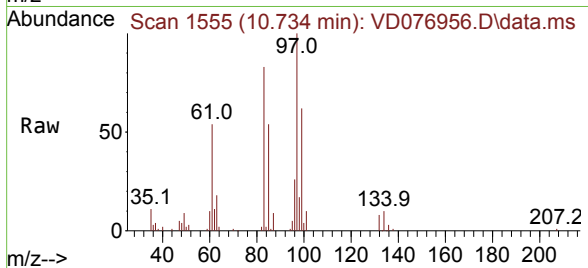




#55
1,1,2-Trichloroethane
Concen: 46.075 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

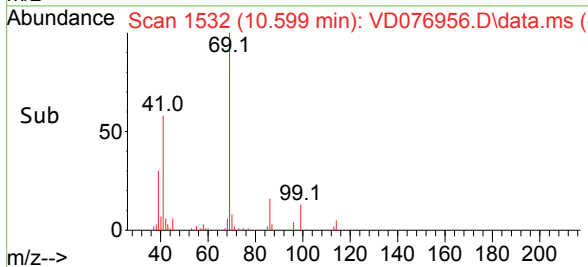
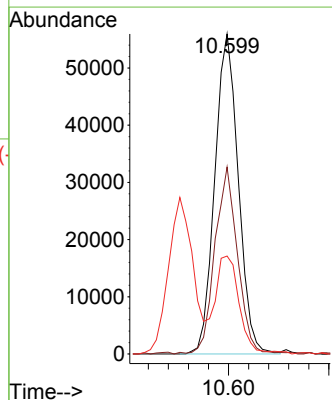
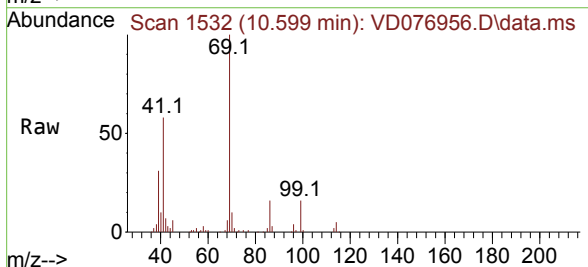
Instrument : MSVOA_D
ClientSampleId : ICVVD080823

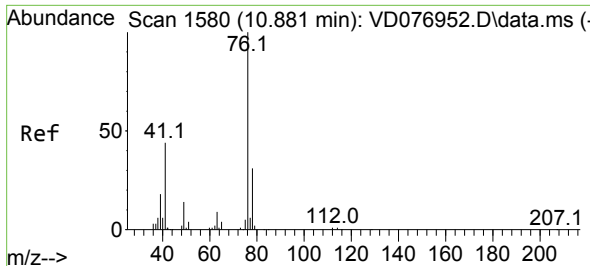
Tgt Ion:	97	Resp:	84694
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.8	98.6
85	53.8	45.7	68.5
99	62.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 47.835 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:	69	Resp:	91137
Ion	Ratio	Lower	Upper
69	100		
41	56.5	39.1	58.7
39	32.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 45.442 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

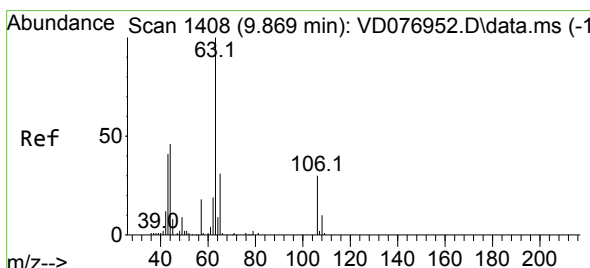
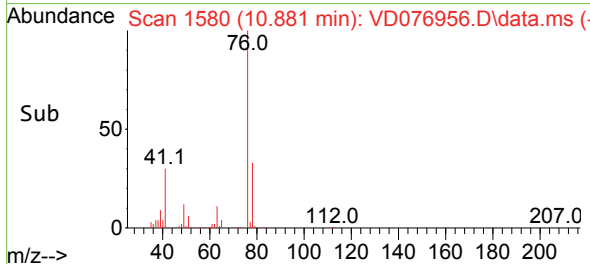
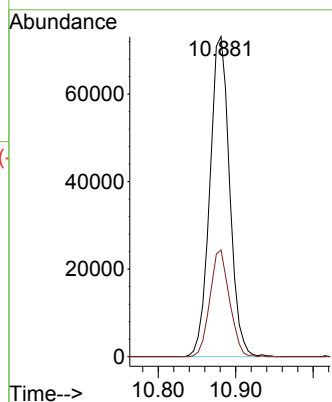
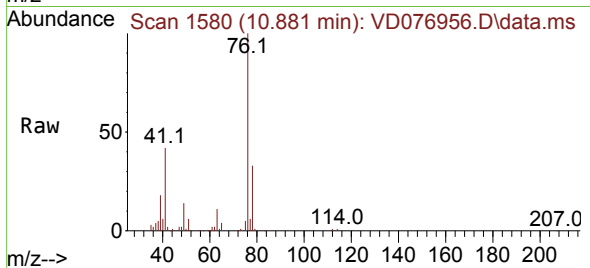
ICVVD080823

Tgt Ion: 76 Resp: 129772

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 223.796 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076956.D

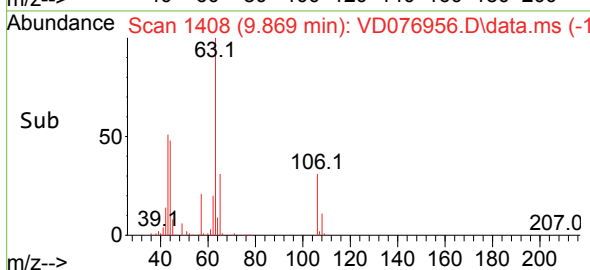
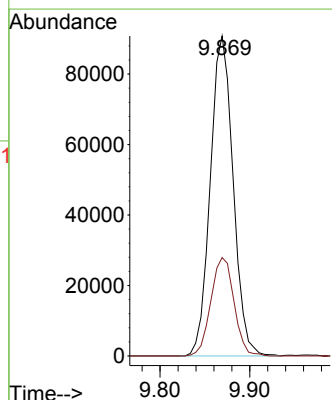
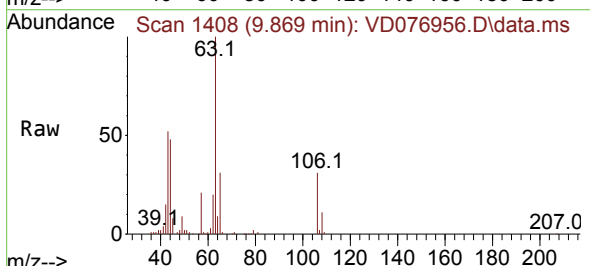
Acq: 08 Aug 2023 16:08

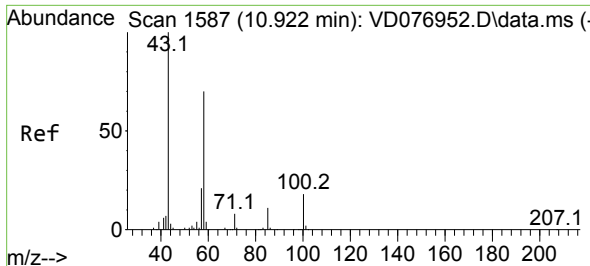
Tgt Ion: 63 Resp: 160285

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9

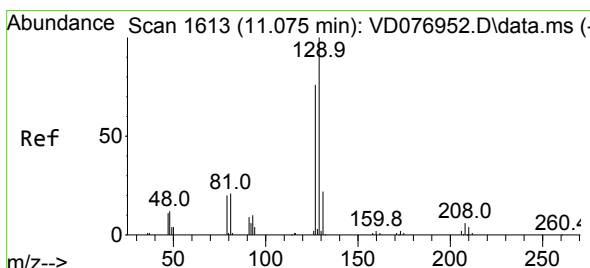
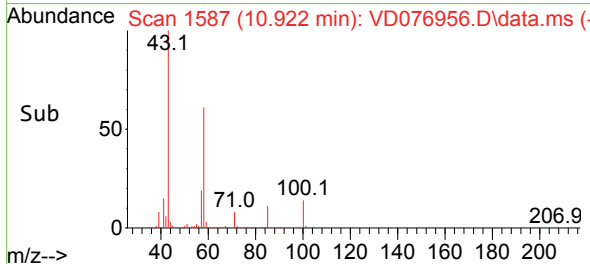
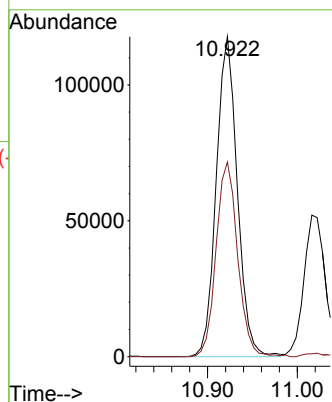
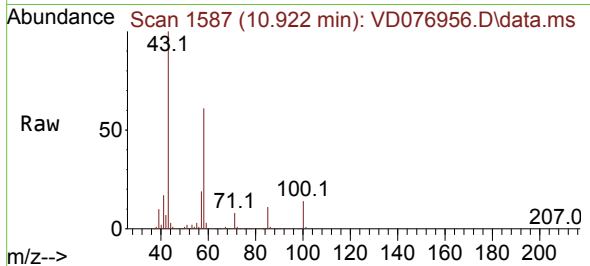




#59
2-Hexanone
Concen: 246.009 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

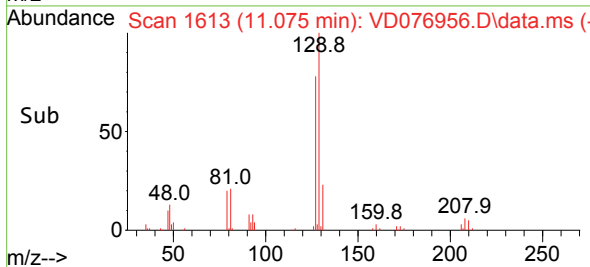
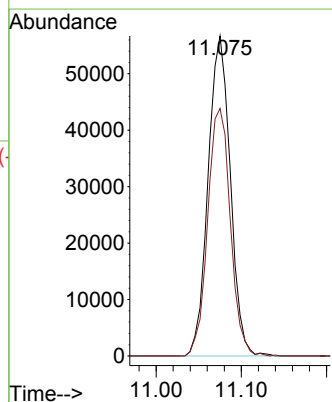
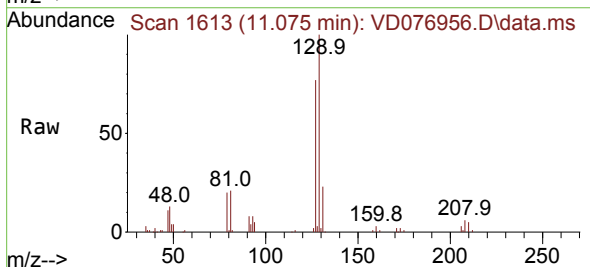
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

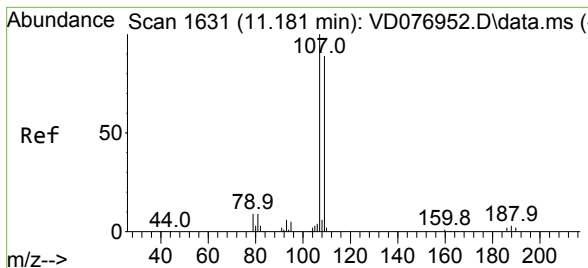
Tgt Ion: 43 Resp: 191737
Ion Ratio Lower Upper
43 100
58 62.3 34.1 102.2



#60
Dibromochloromethane
Concen: 46.358 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 129 Resp: 102770
Ion Ratio Lower Upper
129 100
127 79.0 37.1 111.5

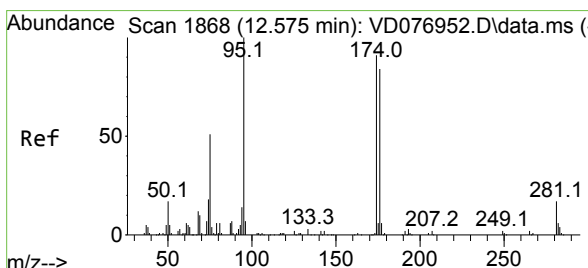
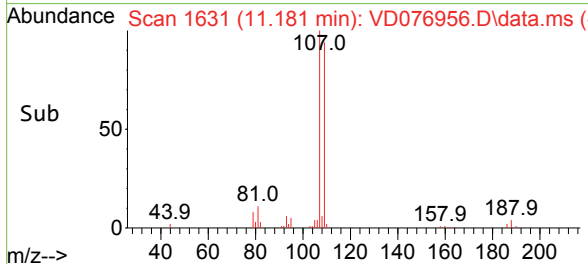
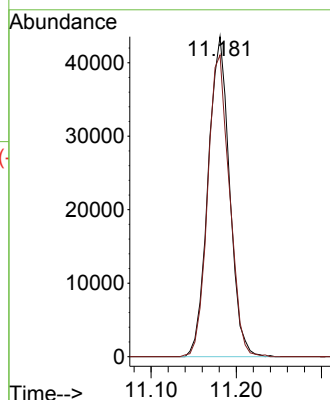
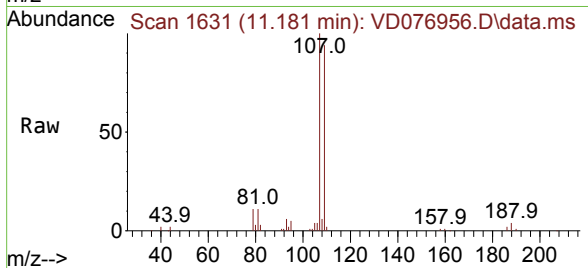




#61
1,2-Dibromoethane
Concen: 46.542 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

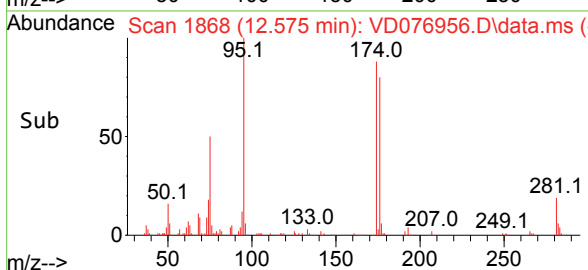
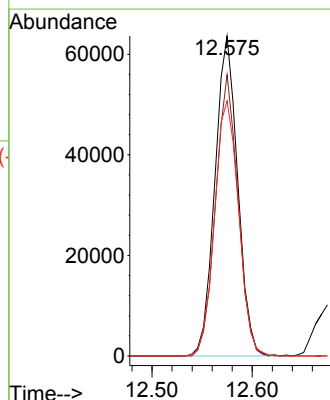
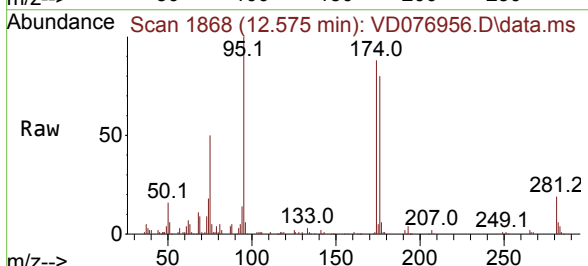
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

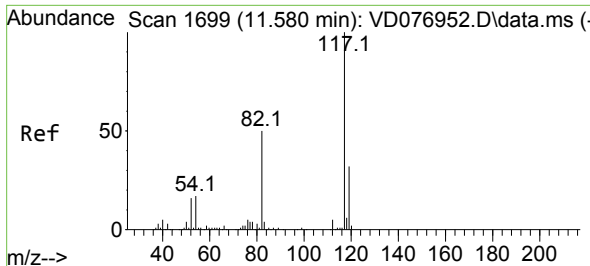
Tgt Ion:107 Resp: 76081
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 95 Resp: 100079
Ion Ratio Lower Upper
95 100
174 86.5 0.0 201.8
176 84.4 0.0 191.8

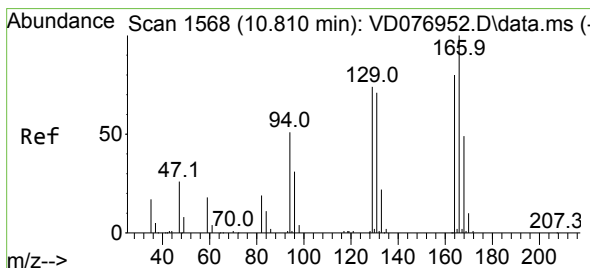
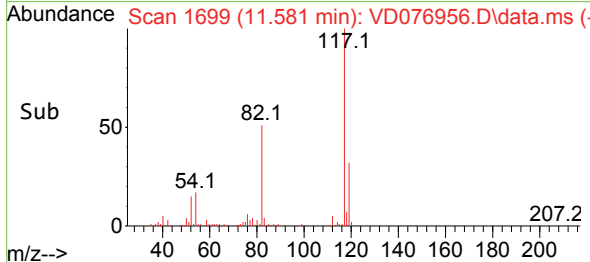
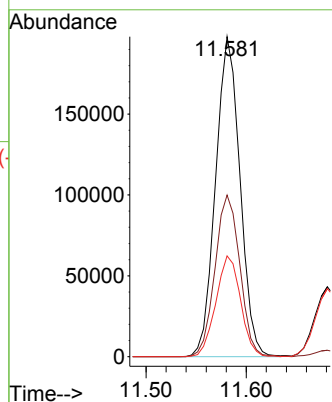
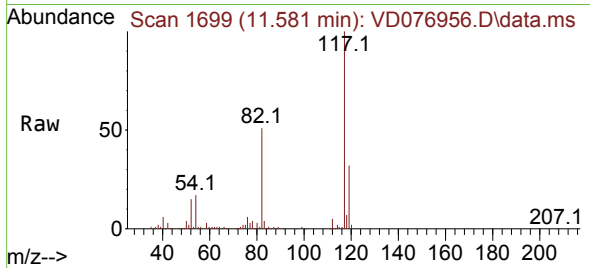




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

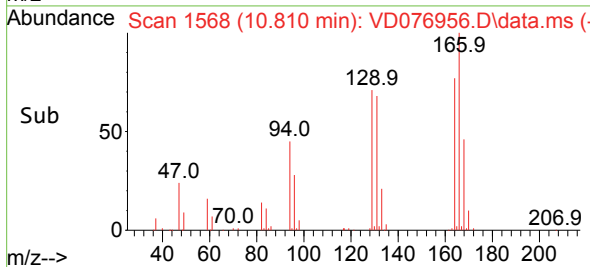
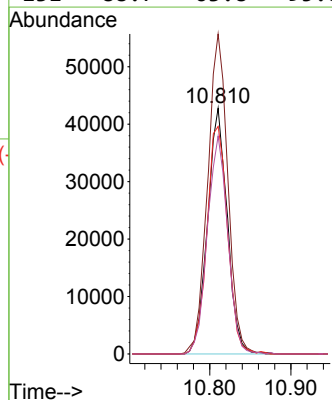
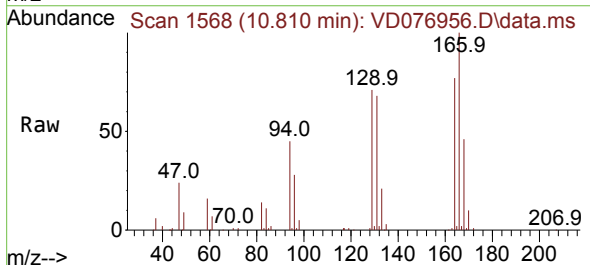
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

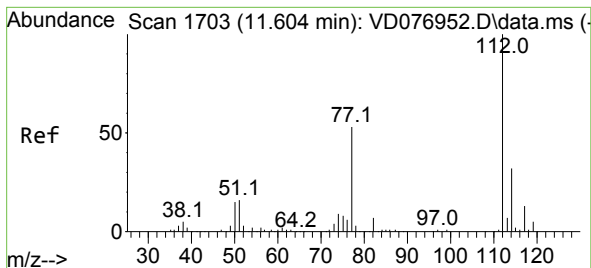
Tgt Ion:117 Resp: 333501
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 43.108 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:164 Resp: 72369
Ion Ratio Lower Upper
164 100
166 130.2 99.2 148.8
129 92.6 68.4 102.6
131 88.7 63.8 95.8





#65

Chlorobenzene

Concen: 46.426 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

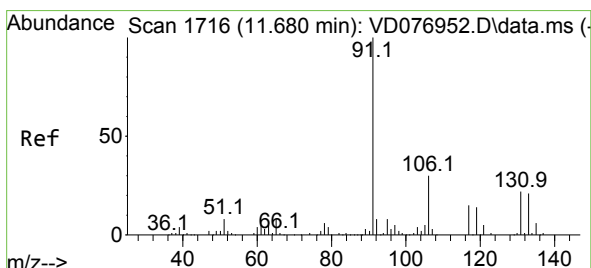
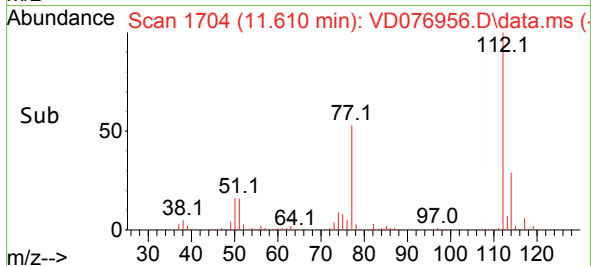
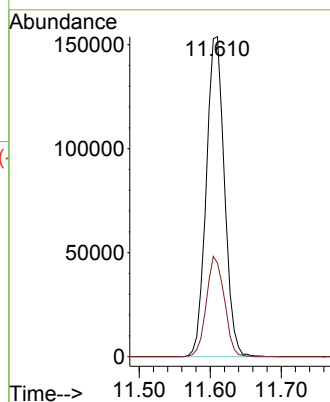
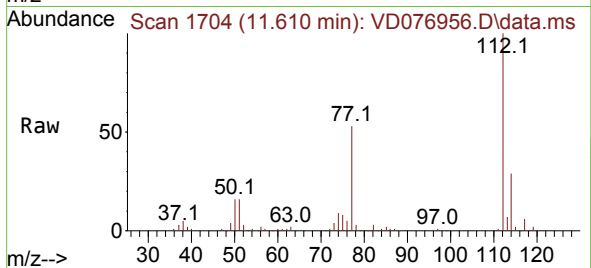
ICVVD080823

Tgt Ion:112 Resp: 273919

Ion Ratio Lower Upper

112 100

114 29.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.365 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

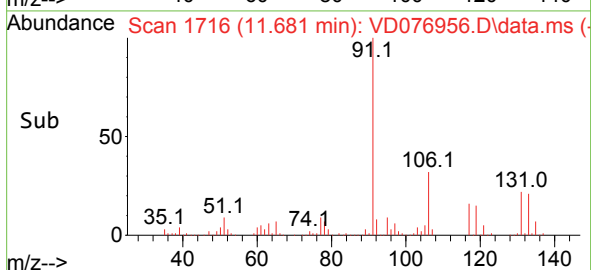
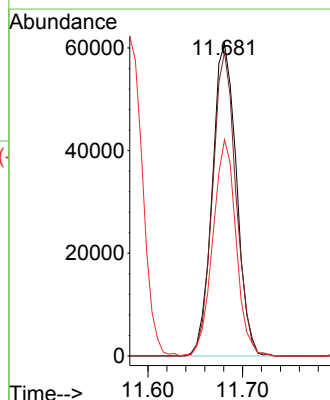
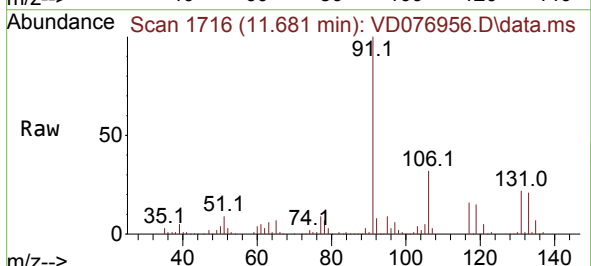
Tgt Ion:131 Resp: 107947

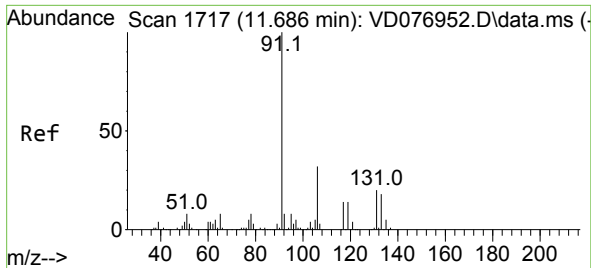
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 66.5 35.6 106.9

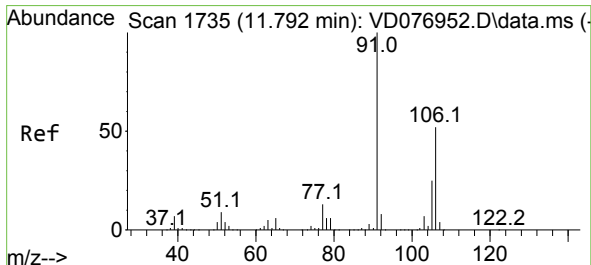
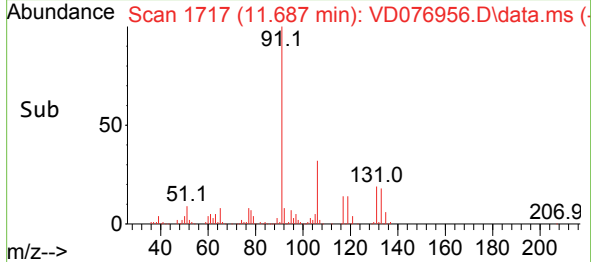
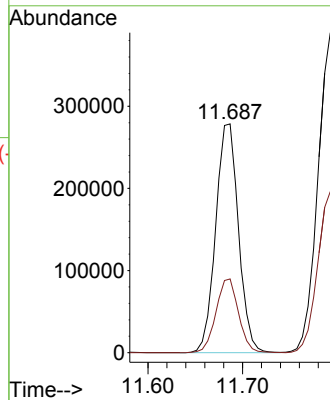
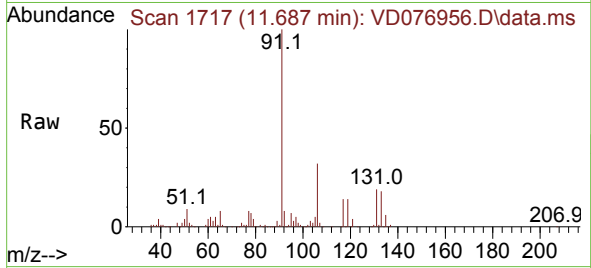




#67
Ethyl Benzene
Concen: 46.803 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

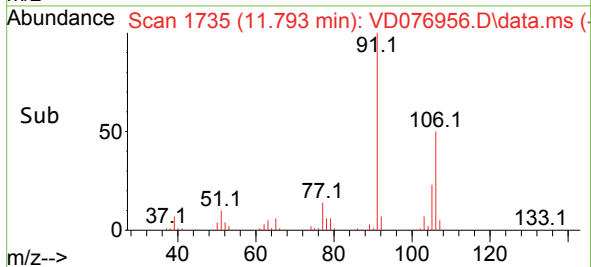
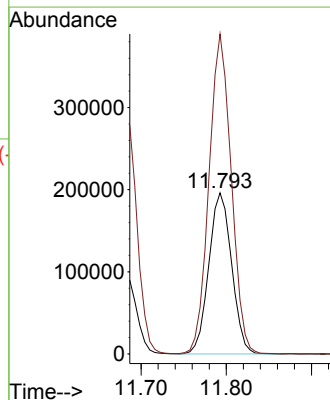
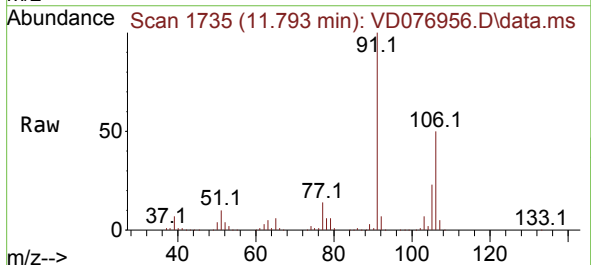
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

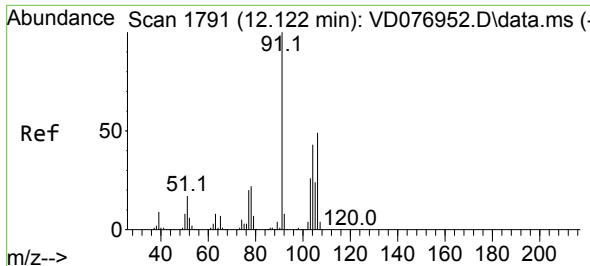
Tgt Ion: 91 Resp: 465888
Ion Ratio Lower Upper
91 100
106 32.2 26.5 39.7



#68
m/p-Xylenes
Concen: 94.400 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 106 Resp: 364956
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6

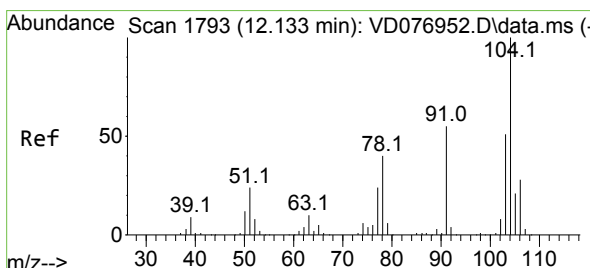
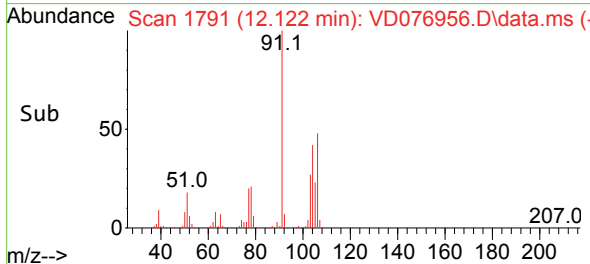
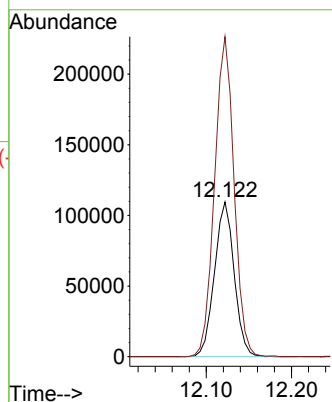
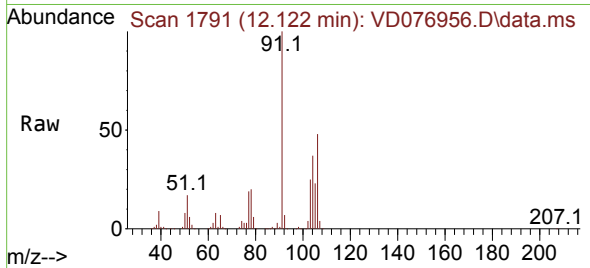




#69
o-Xylene
Concen: 47.413 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

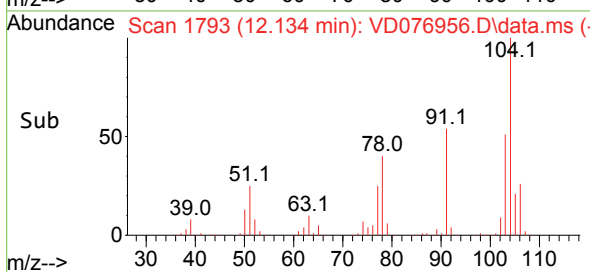
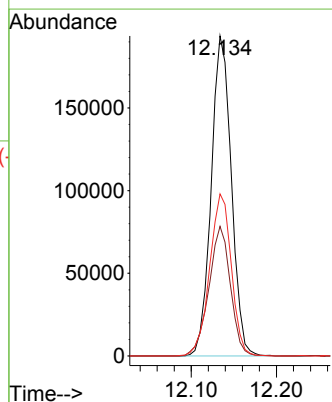
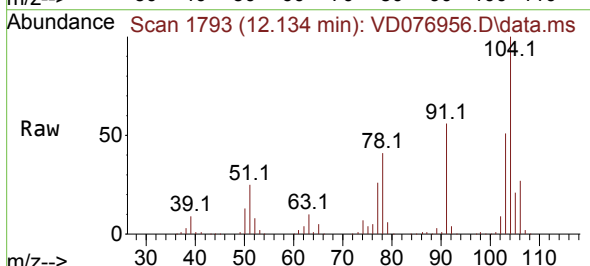
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

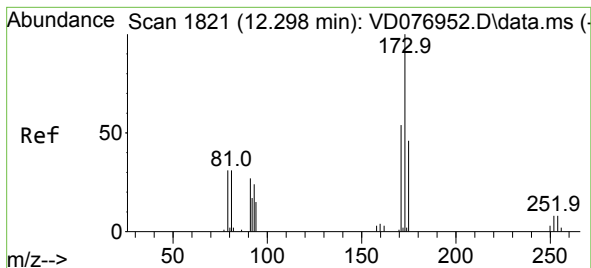
Tgt Ion:106 Resp: 175788
Ion Ratio Lower Upper
106 100
91 205.0 97.9 293.6



#70
Styrene
Concen: 48.135 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:104 Resp: 318154
Ion Ratio Lower Upper
104 100
78 43.4 33.2 49.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 46.709 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

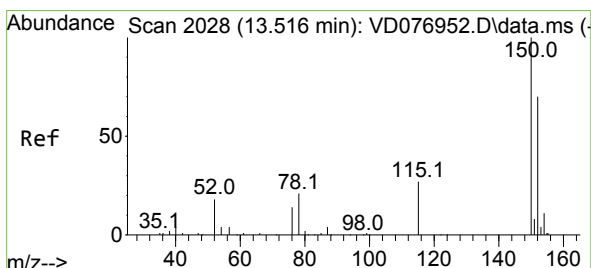
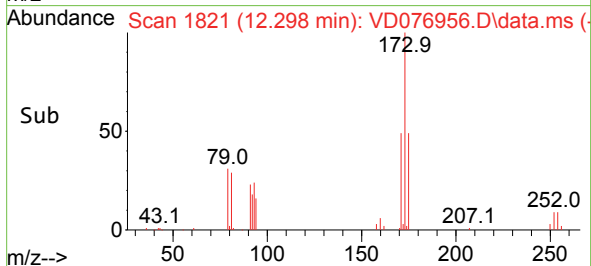
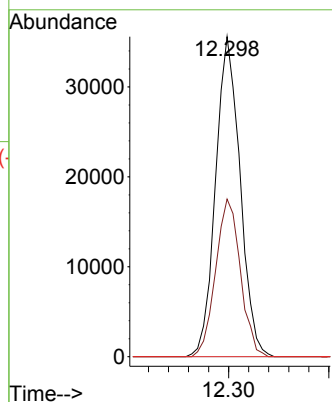
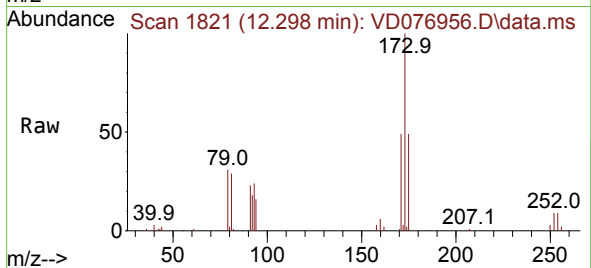
Tgt Ion:173 Resp: 60288

Ion Ratio Lower Upper

173 100

175 49.8 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. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

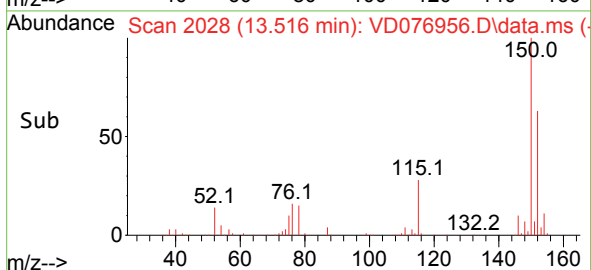
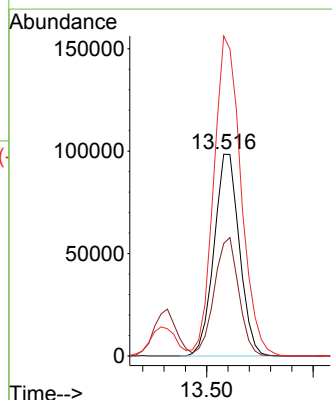
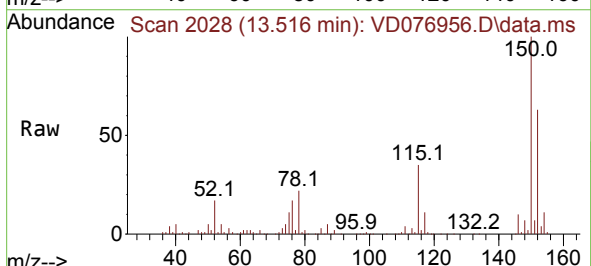
Tgt Ion:152 Resp: 162828

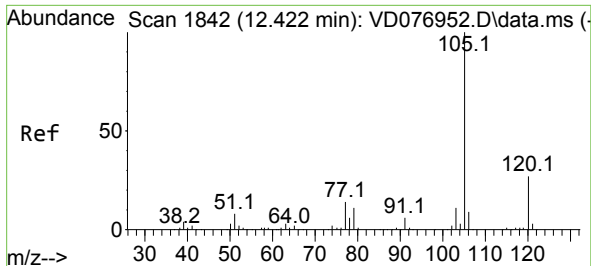
Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 170.8 0.0 353.6

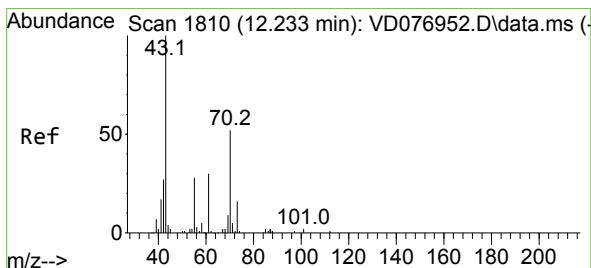
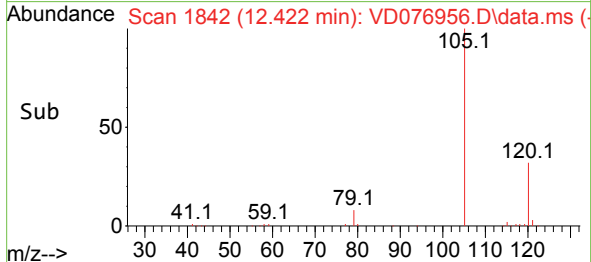
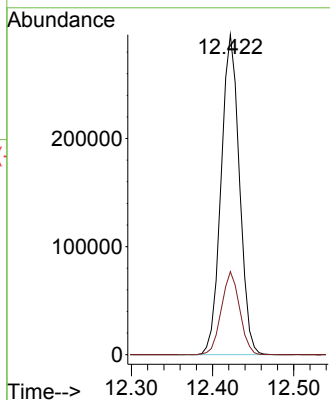
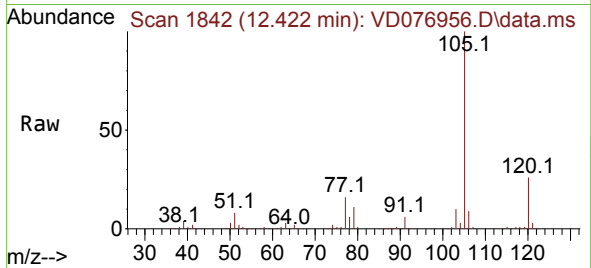




#73
Isopropylbenzene
Concen: 45.465 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

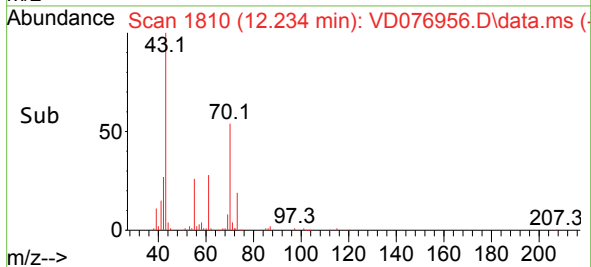
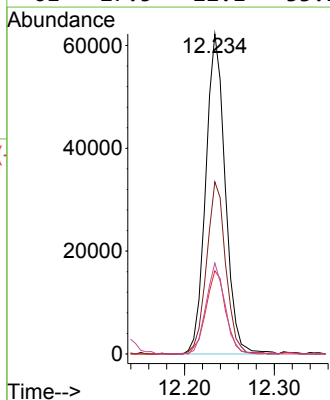
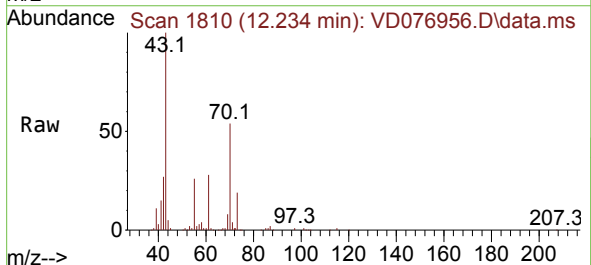
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

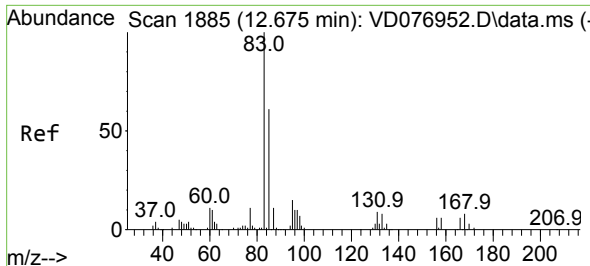
Tgt Ion:105 Resp: 465854
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 45.988 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 43 Resp: 93881
Ion Ratio Lower Upper
43 100
70 52.8 45.0 67.4
55 26.6 23.8 35.6
61 27.5 22.1 33.1

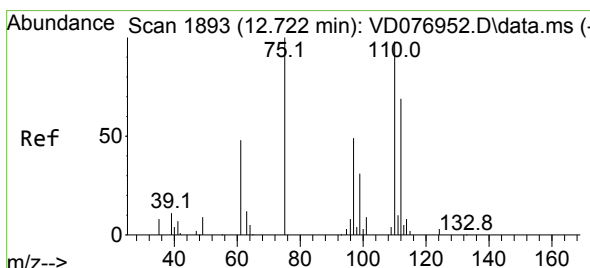
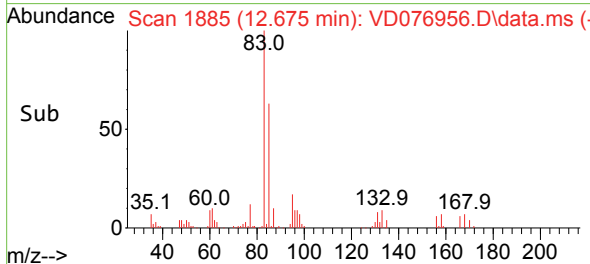
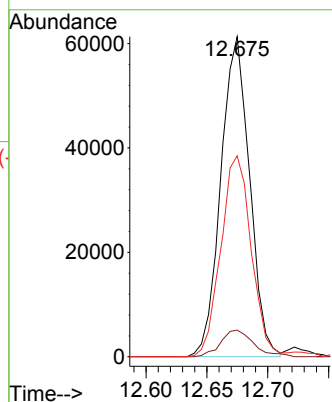
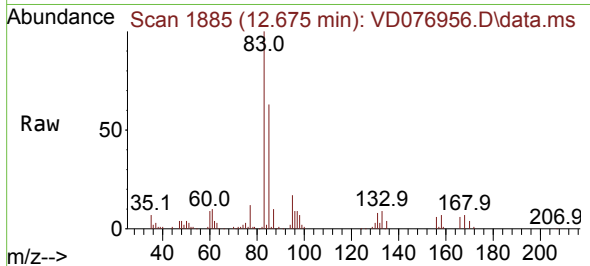




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.628 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

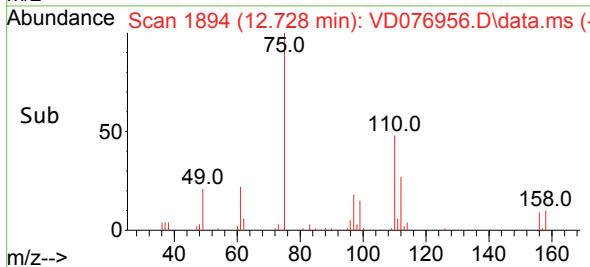
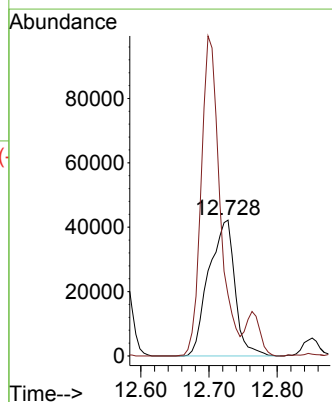
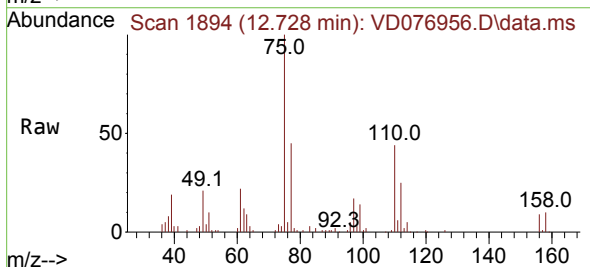
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 MSVOA_D
 ClientSampleId :
 ICVVD080823

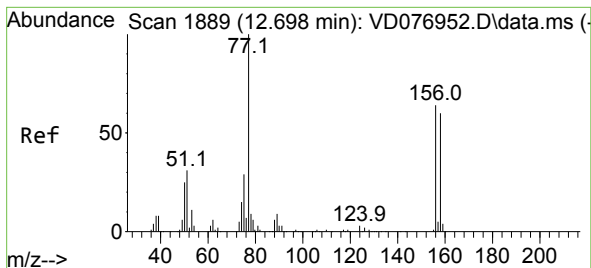
Tgt Ion: 83 Resp: 100760
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 66.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 73.805 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion: 75 Resp: 112737
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.403 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

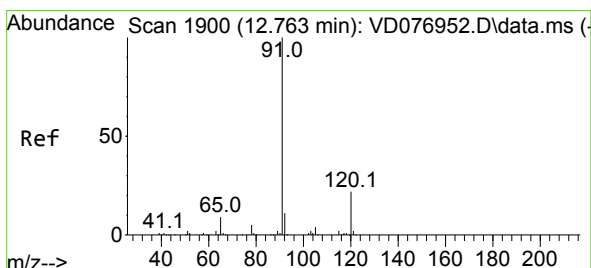
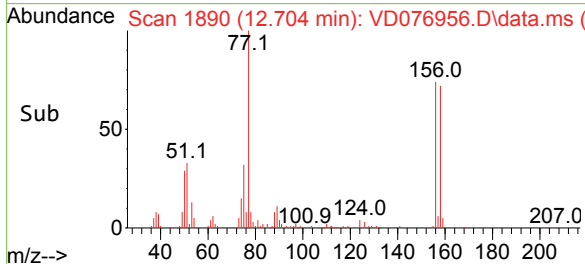
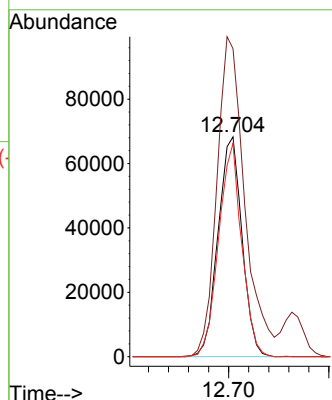
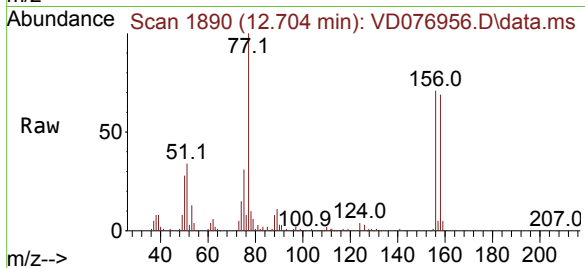
Tgt Ion:156 Resp: 113200

Ion Ratio Lower Upper

156 100

77 168.4 76.8 230.4

158 93.5 48.6 145.9



#78

n-propylbenzene

Concen: 45.742 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076956.D

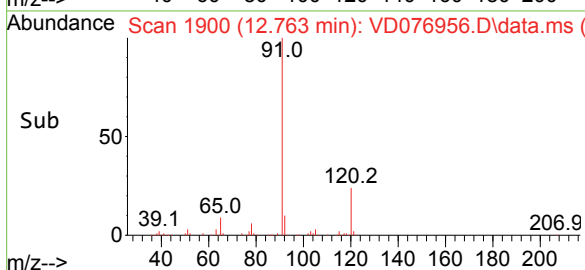
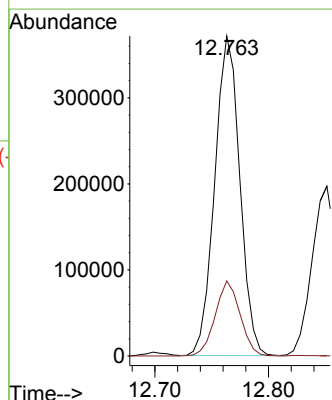
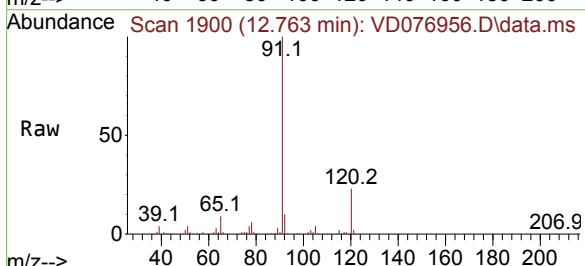
Acq: 08 Aug 2023 16:08

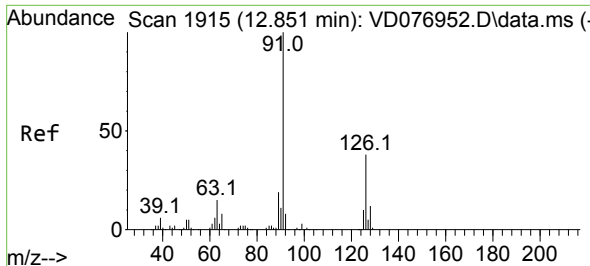
Tgt Ion: 91 Resp: 570141

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.2

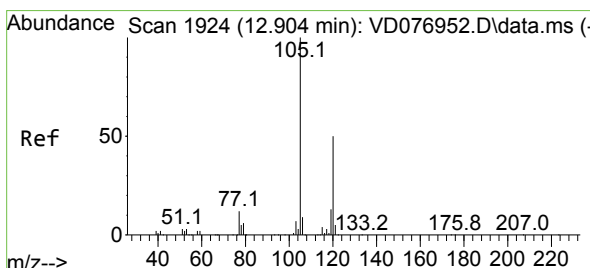
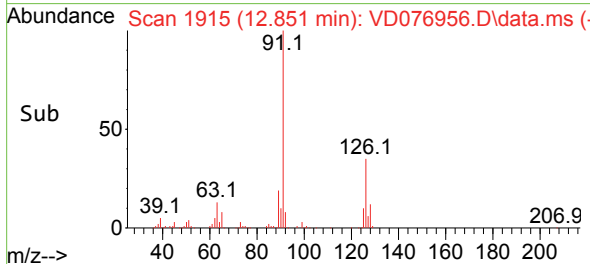
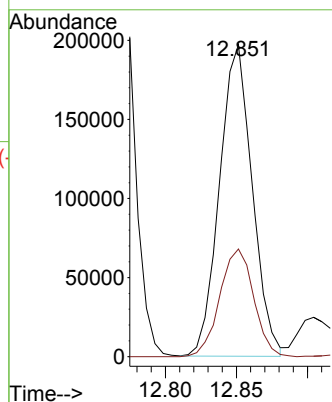
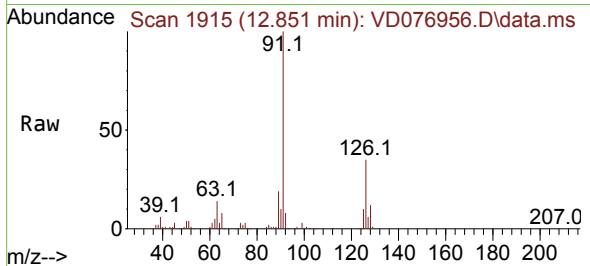




#79
2-Chlorotoluene
Concen: 45.961 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

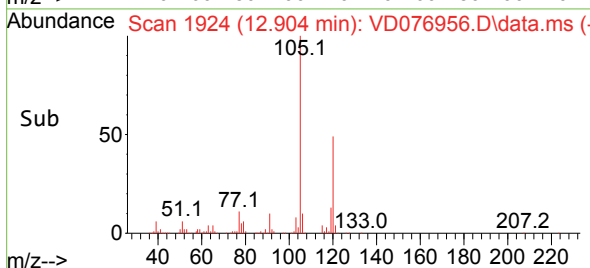
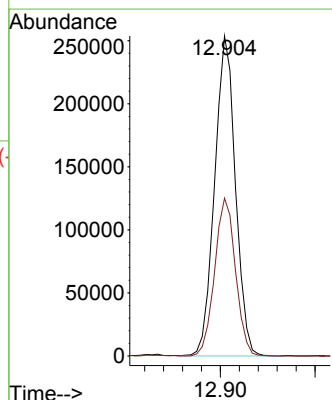
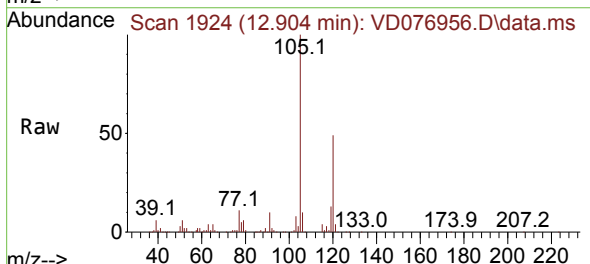
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

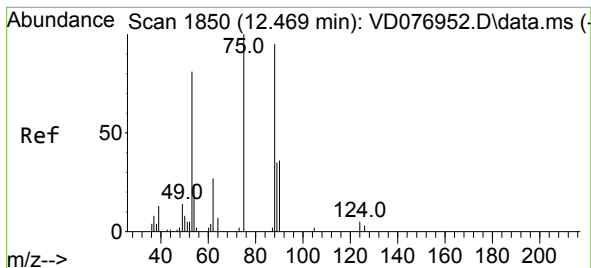
Tgt Ion: 91 Resp: 314958
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.578 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 105 Resp: 387388
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

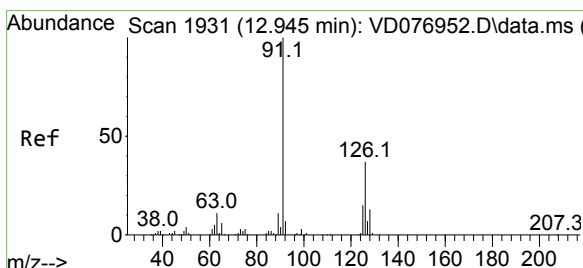
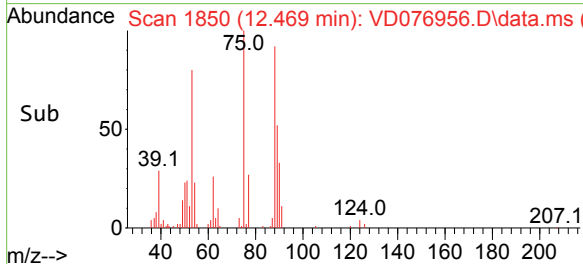
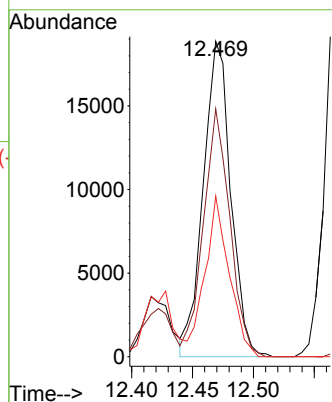
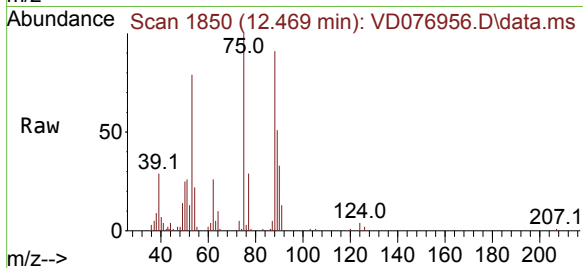




#81
trans-1,4-Dichloro-2-butene
Concen: 45.583 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

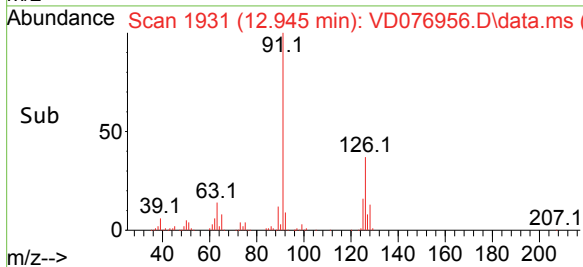
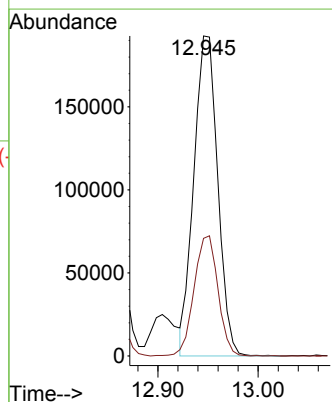
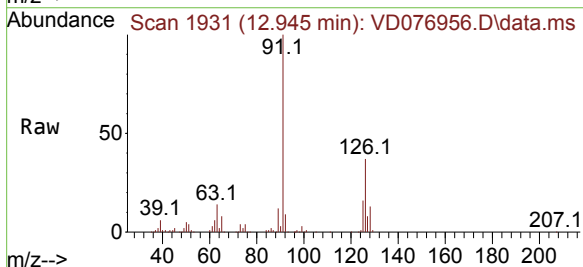
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

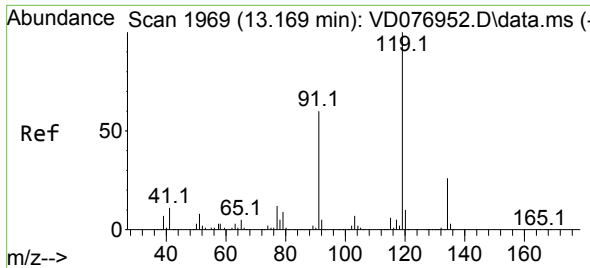
Tgt Ion: 75 Resp: 29636
Ion Ratio Lower Upper
75 100
53 75.9 63.0 94.4
89 44.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.495 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 91 Resp: 319122
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4

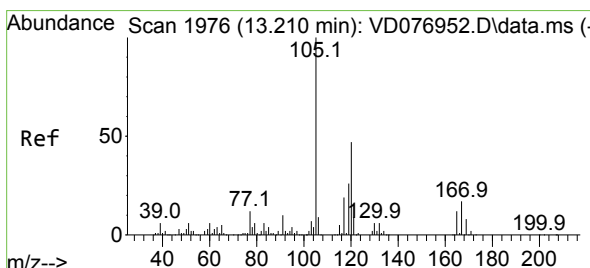
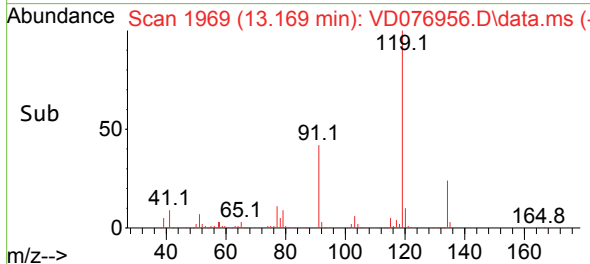
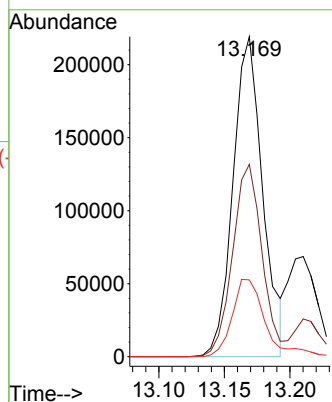
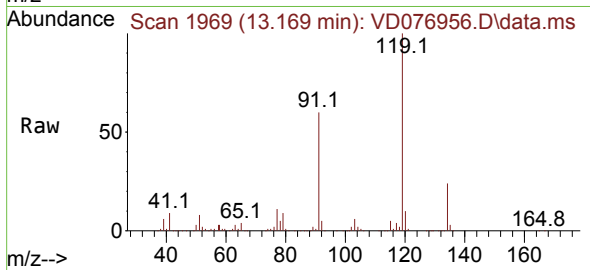




#83
tert-Butylbenzene
Concen: 45.329 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

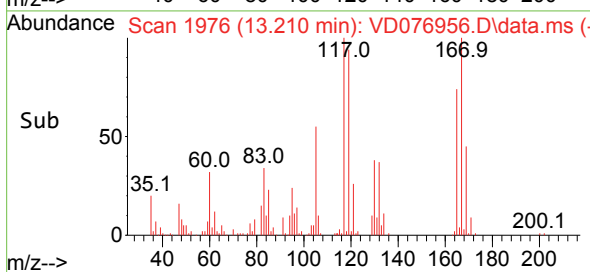
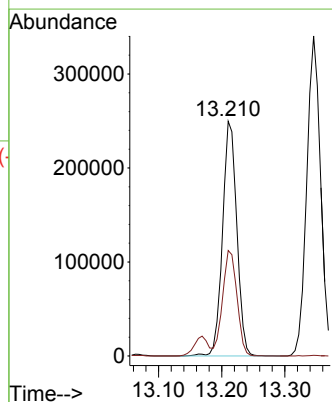
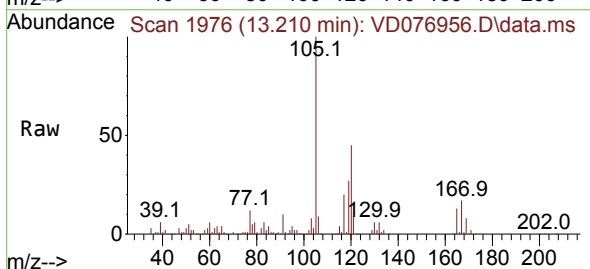
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

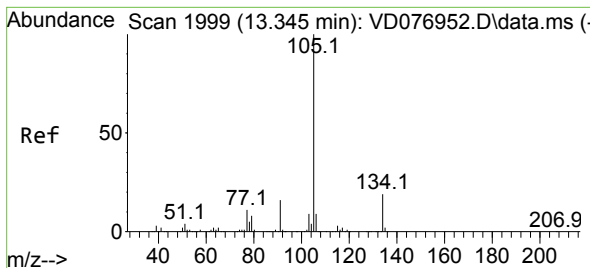
Tgt Ion:119 Resp: 345692
Ion Ratio Lower Upper
119 100
91 59.3 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 46.305 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:105 Resp: 392414
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 44.929 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

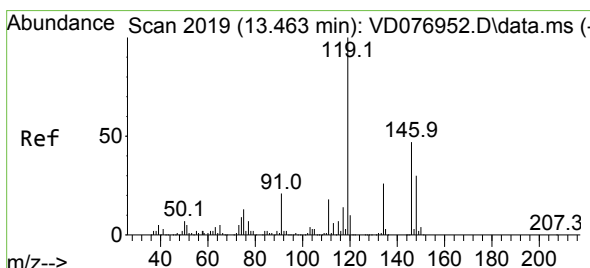
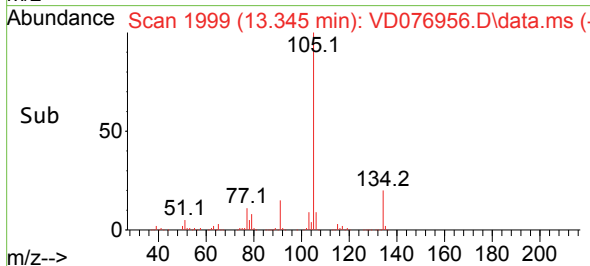
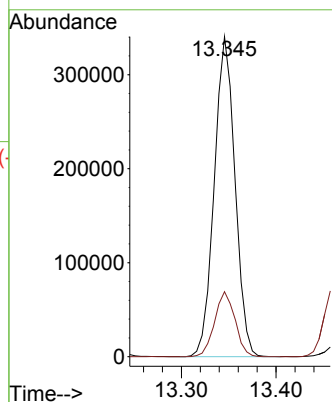
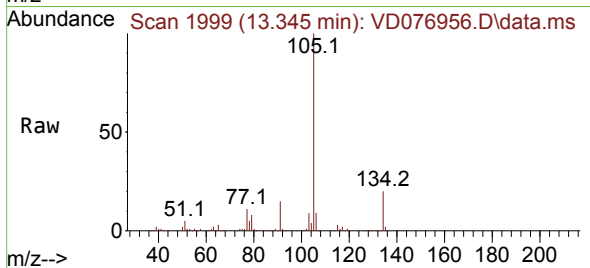
ICVVD080823

Tgt Ion:105 Resp: 517628

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 45.797 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

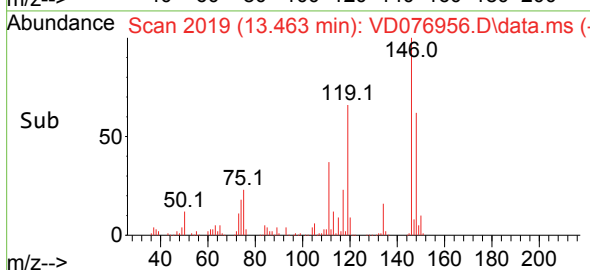
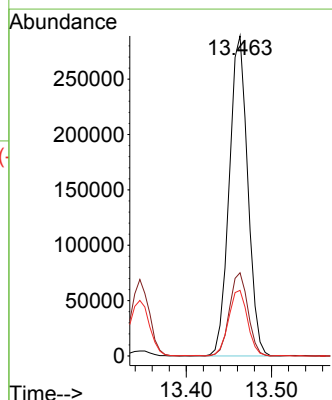
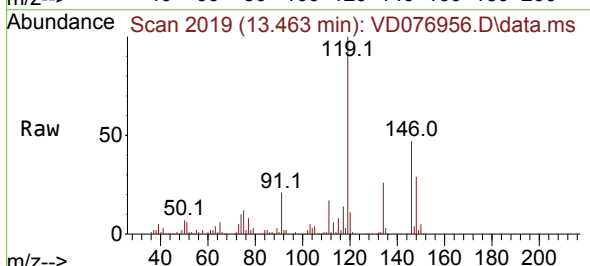
Tgt Ion:119 Resp: 435792

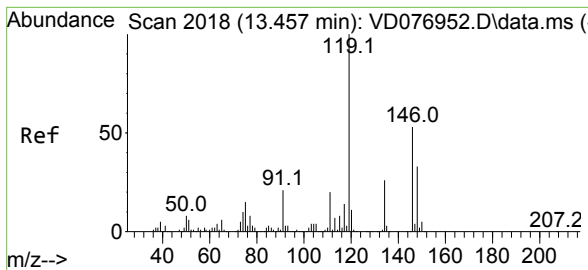
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 20.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 45.996 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

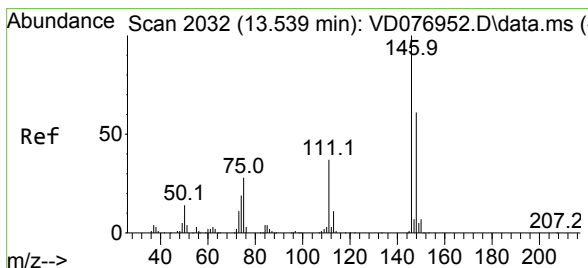
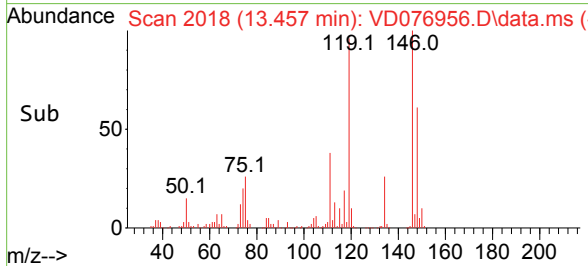
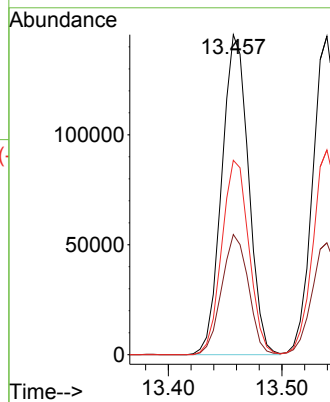
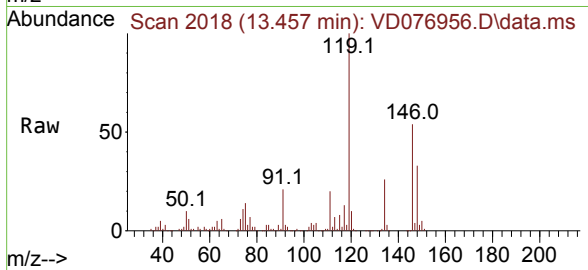
Tgt Ion:146 Resp: 237883

Ion Ratio Lower Upper

146 100

111 37.6 17.9 53.8

148 61.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 45.367 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

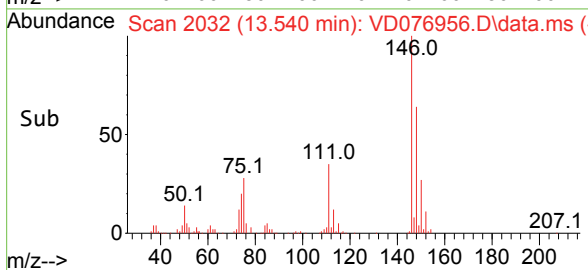
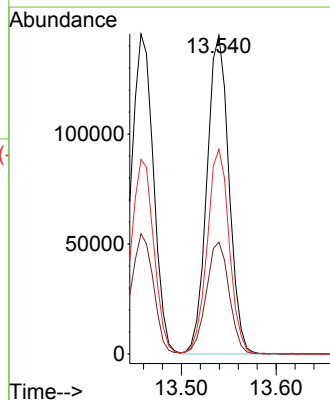
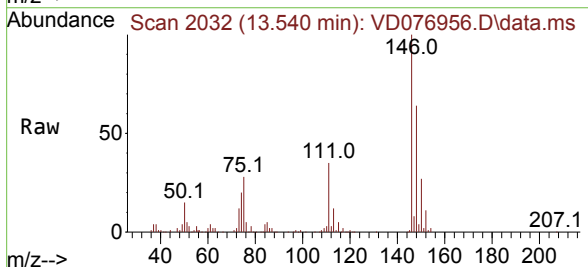
Tgt Ion:146 Resp: 233916

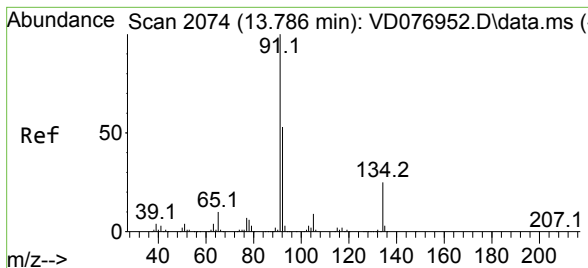
Ion Ratio Lower Upper

146 100

111 36.6 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 45.157 ug/l

RT: 13.787 min Scan# 210

Delta R.T. 0.000 min

Lab File: VD076956.D

Acq: 08 Aug 2023 16:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080823

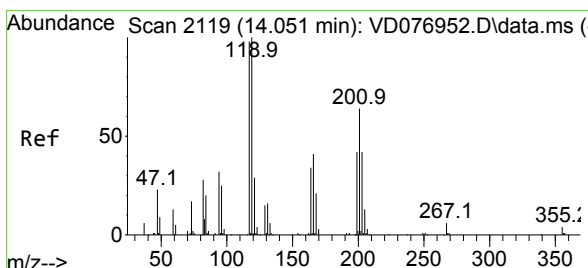
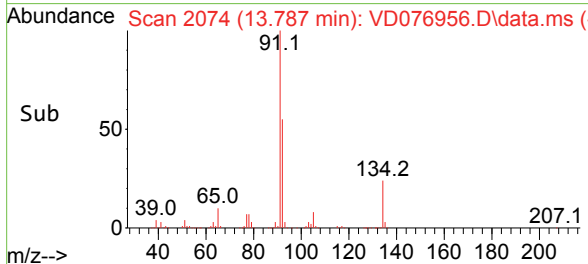
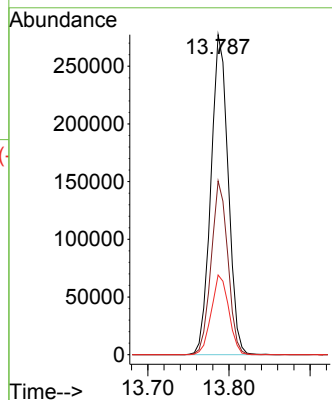
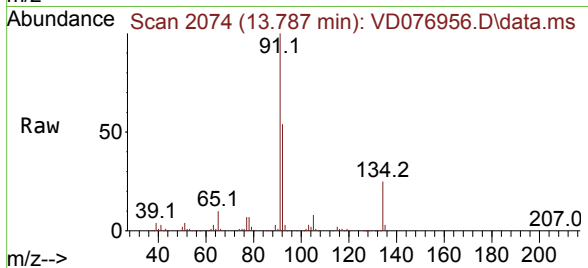
Tgt Ion: 91 Resp: 409308

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.2 13.8 41.3



#90

Hexachloroethane

Concen: 45.423 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD076956.D

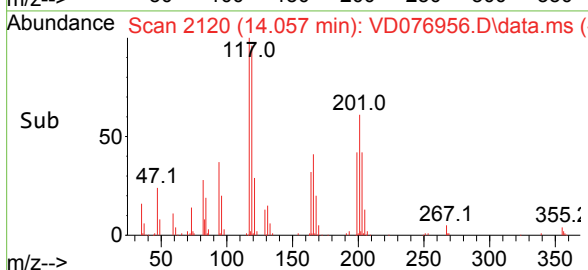
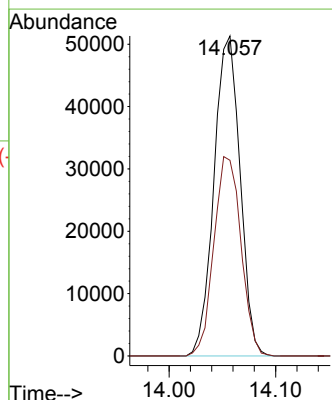
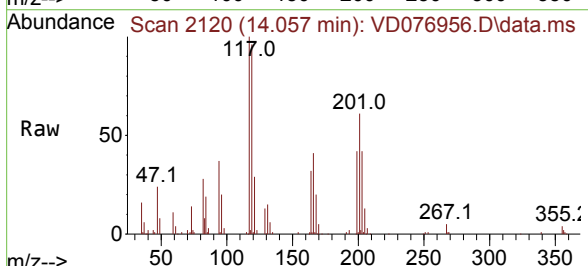
Acq: 08 Aug 2023 16:08

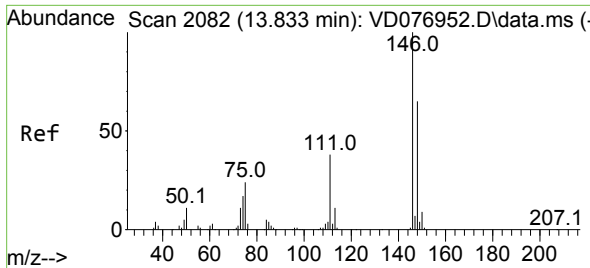
Tgt Ion: 117 Resp: 87342

Ion Ratio Lower Upper

117 100

201 64.6 38.5 115.5

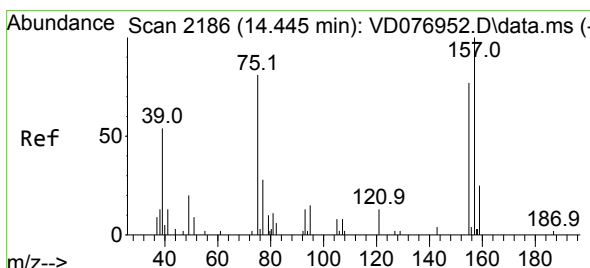
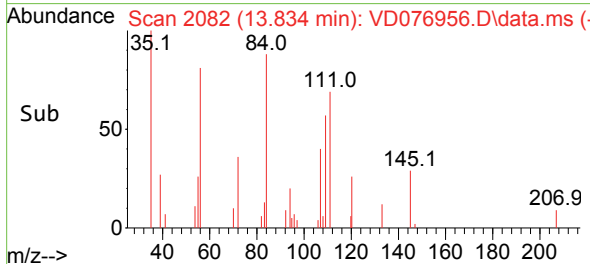
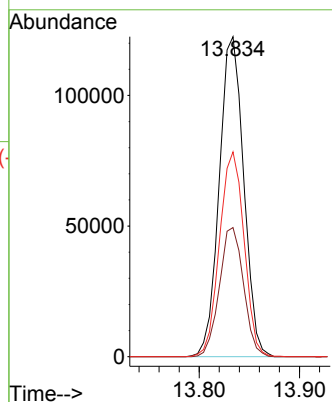
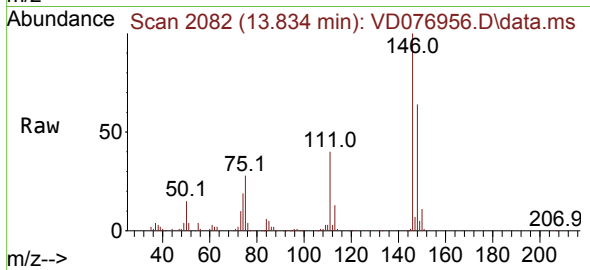




#91
1,2-Dichlorobenzene
Concen: 45.068 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

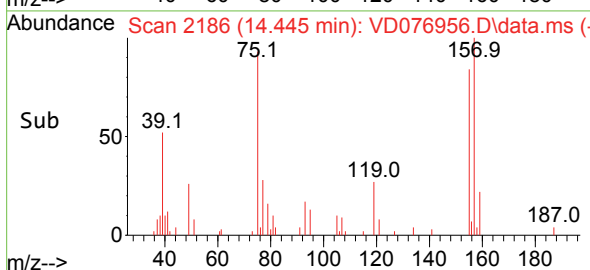
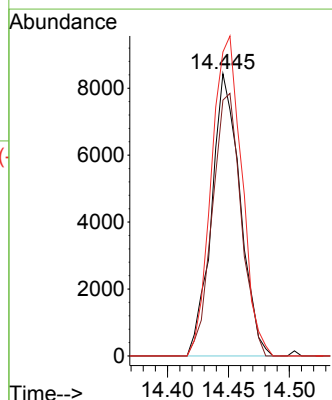
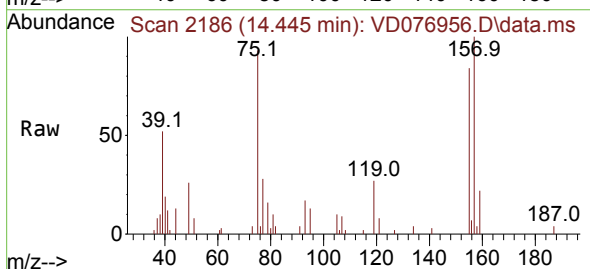
Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

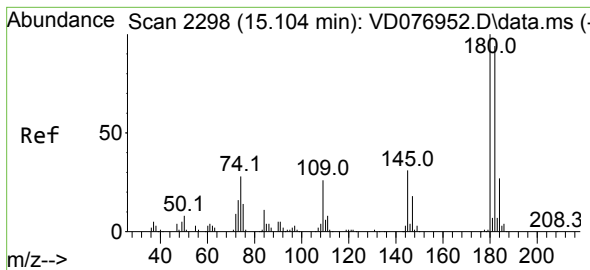
Tgt Ion:146 Resp: 207228
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 64.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.925 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion: 75 Resp: 13791
Ion Ratio Lower Upper
75 100
155 93.7 47.9 143.8
157 119.9 59.9 179.7

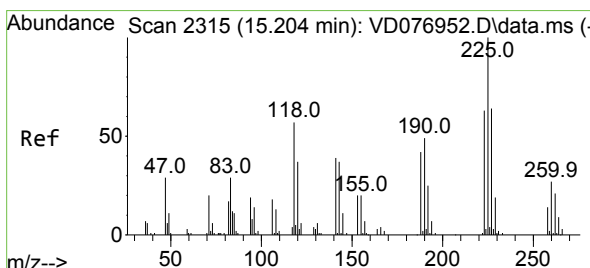
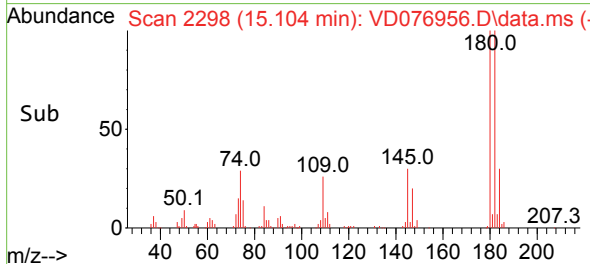
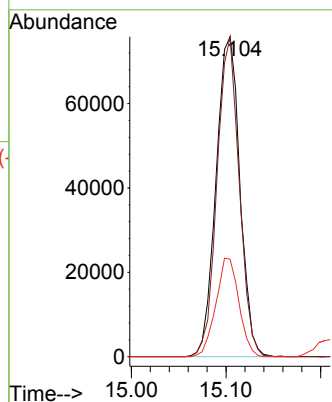
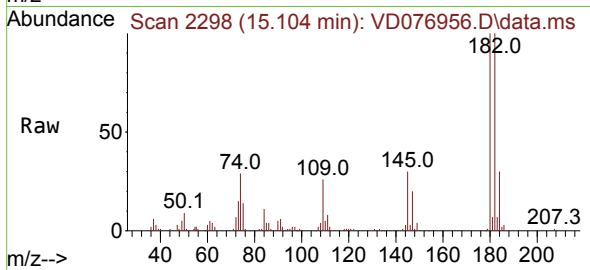




#93
 1,2,4-Trichlorobenzene
 Concen: 46.549 ug/l
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

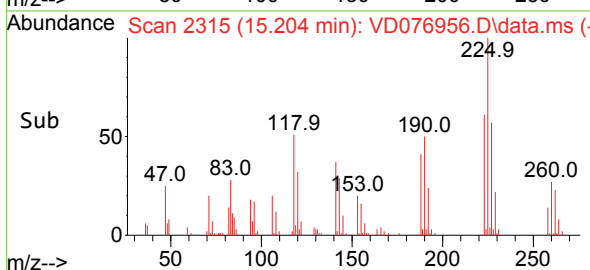
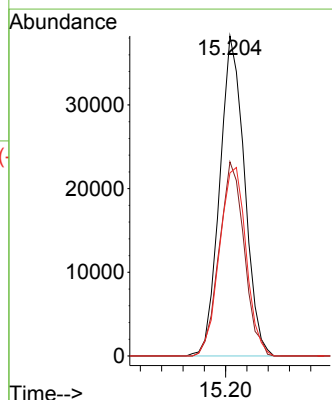
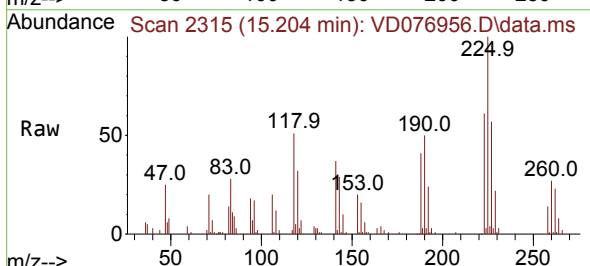
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080823

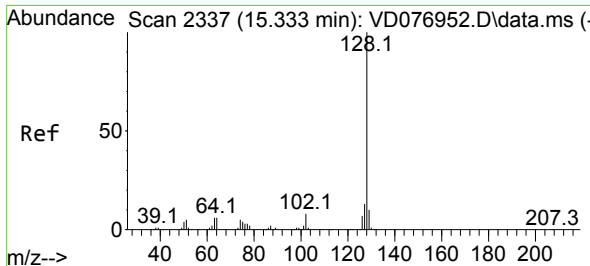
Tgt Ion:180 Resp: 132382
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.5 145.6
 145 29.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 43.357 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076956.D
 Acq: 08 Aug 2023 16:08

Tgt Ion:225 Resp: 61686
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.6 94.8
 227 63.5 31.7 95.1

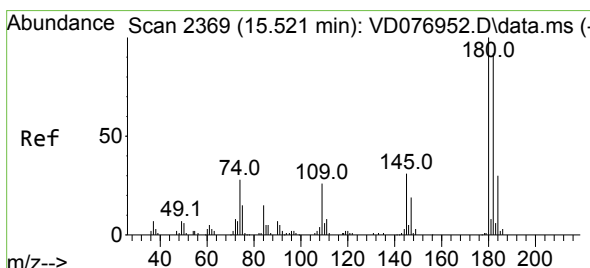
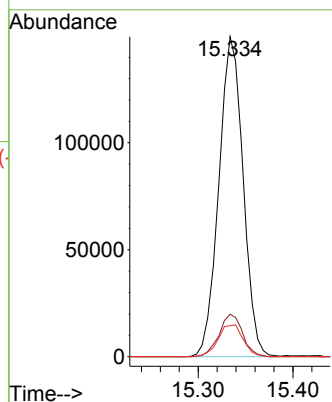
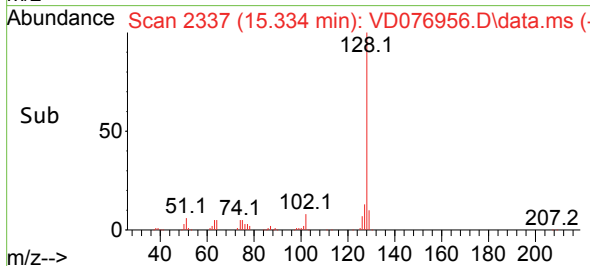
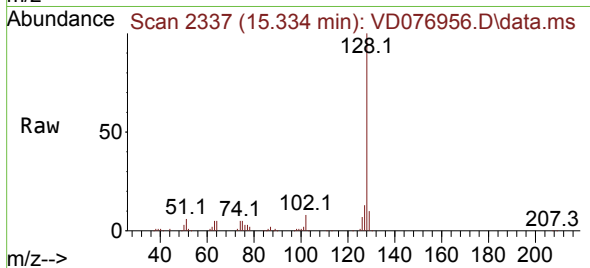




#95
Naphthalene
Concen: 46.042 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080823

Tgt Ion:128 Resp: 266310
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.703 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076956.D
Acq: 08 Aug 2023 16:08

Tgt Ion:180 Resp: 118420
Ion Ratio Lower Upper
180 100
182 91.8 47.3 141.9
145 31.5 15.1 45.3

