

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078664.D
 Acq On : 14 Mar 2024 13:22
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD031424

Quant Time: Mar 15 05:47:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68645	50.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.805	113	80835	52.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.269	98	306514	53.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.569	95	90494	54.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	62363	45.887	ug/l	99
3) Chloromethane	2.152	50	103985	48.459	ug/l	97
4) Vinyl Chloride	2.287	62	148865	47.027	ug/l	96
5) Bromomethane	2.693	94	131493	43.385	ug/l	98
6) Chloroethane	2.840	64	114461	46.366	ug/l	99
7) Trichlorofluoromethane	3.175	101	113709	45.406	ug/l	99
8) Diethyl Ether	3.593	74	33800	46.227	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	68254	43.428	ug/l	99
10) Methyl Iodide	4.169	142	80551	43.328	ug/l	98
11) Tert butyl alcohol	5.052	59	16056	262.172	ug/l	98
12) 1,1-Dichloroethene	3.940	96	70613	47.263	ug/l	96
13) Acrolein	3.793	56	18377	191.556	ug/l	93
14) Allyl chloride	4.558	41	79310	47.574	ug/l	99
15) Acrylonitrile	5.252	53	69451	235.626	ug/l	97
16) Acetone	4.022	43	59892	226.328	ug/l	97
17) Carbon Disulfide	4.275	76	221760	45.276	ug/l	98
18) Methyl Acetate	4.563	43	28111	49.499	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	147056	48.807	ug/l	95
20) Methylene Chloride	4.805	84	83987	46.181	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	84420	47.886	ug/l	89
22) Diisopropyl ether	6.216	45	179508	47.361	ug/l	98
23) Vinyl Acetate	6.158	43	537056	242.237	ug/l	97
24) 1,1-Dichloroethane	6.110	63	130636	45.971	ug/l	99
25) 2-Butanone	7.081	43	82080	233.301	ug/l	98
26) 2,2-Dichloropropane	7.081	77	111487	46.371	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	93284	46.393	ug/l	100
28) Bromochloromethane	7.428	49	46366	45.766	ug/l	98
29) Tetrahydrofuran	7.452	42	47852	250.067	ug/l	99
30) Chloroform	7.599	83	144030	45.458	ug/l	98
31) Cyclohexane	7.875	56	103385	44.947	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	125869	46.822	ug/l	97
36) 1,1-Dichloropropene	8.010	75	108265	48.015	ug/l	99
37) Ethyl Acetate	7.169	43	33106	44.943	ug/l #	88
38) Carbon Tetrachloride	7.993	117	110705	46.572	ug/l	94
39) Methylcyclohexane	9.275	83	127277	48.660	ug/l	96
40) Benzene	8.252	78	324559	47.617	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18223	47.208	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	77866	46.845	ug/l	99
43) Isopropyl Acetate	8.363	43	65168	48.647	ug/l	98
44) Trichloroethene	9.028	130	87407	47.254	ug/l	95
45) 1,2-Dichloropropane	9.299	63	76092	47.061	ug/l	97
46) Dibromomethane	9.393	93	44127	45.527	ug/l	99
47) Bromodichloromethane	9.587	83	108875	47.186	ug/l	97
48) Methyl methacrylate	9.381	41	32676	50.061	ug/l	95
49) 1,4-Dioxane	9.381	88	8511	948.390	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	173002	247.026	ug/l	99
52) Toluene	10.334	92	211884	48.285	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	101957	48.329	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	122760	48.405	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	61129	47.097	ug/l	95
56) Ethyl methacrylate	10.598	69	64670	49.702	ug/l	99
57) 1,3-Dichloropropane	10.881	76	99109	47.323	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	164714	287.093	ug/l	99
59) 2-Hexanone	10.922	43	129496	249.430	ug/l	100
60) Dibromochloromethane	11.075	129	77698	48.542	ug/l	99
61) 1,2-Dibromoethane	11.181	107	57967	46.149	ug/l	99
64) Tetrachloroethene	10.810	164	72831	48.718	ug/l	95
65) Chlorobenzene	11.604	112	225839	47.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	83570	48.338	ug/l	99
67) Ethyl Benzene	11.681	91	400519	49.789	ug/l	99
68) m/p-Xylenes	11.793	106	324369	99.299	ug/l	98
69) o-Xylene	12.122	106	150013	49.635	ug/l	98
70) Styrene	12.134	104	257146	50.691	ug/l	99
71) Bromoform	12.298	173	44818	47.969	ug/l #	94
73) Isopropylbenzene	12.422	105	386091	48.533	ug/l	99
74) N-amyl acetate	12.234	43	64079	49.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	69784	47.386	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	80392	86.360	ug/l #	100
77) Bromobenzene	12.698	156	93716	47.502	ug/l	98
78) n-propylbenzene	12.763	91	469973	48.534	ug/l	100
79) 2-Chlorotoluene	12.851	91	248039	46.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	321554	48.879	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	20812	46.864	ug/l	99
82) 4-Chlorotoluene	12.945	91	263999	46.986	ug/l	99
83) tert-Butylbenzene	13.163	119	283831	50.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	325193	49.052	ug/l	96
85) sec-Butylbenzene	13.345	105	425185	49.531	ug/l	99
86) p-Isopropyltoluene	13.457	119	366012	49.807	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	199895	48.014	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	194208	47.333	ug/l	99
89) n-Butylbenzene	13.787	91	327505	49.348	ug/l	98
90) Hexachloroethane	14.051	117	68650	45.148	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	168245	46.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8961	45.486	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	101503	48.505	ug/l	96
94) Hexachlorobutadiene	15.204	225	52969	46.755	ug/l	97
95) Naphthalene	15.328	128	181824	49.975	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	85625	47.297	ug/l	94

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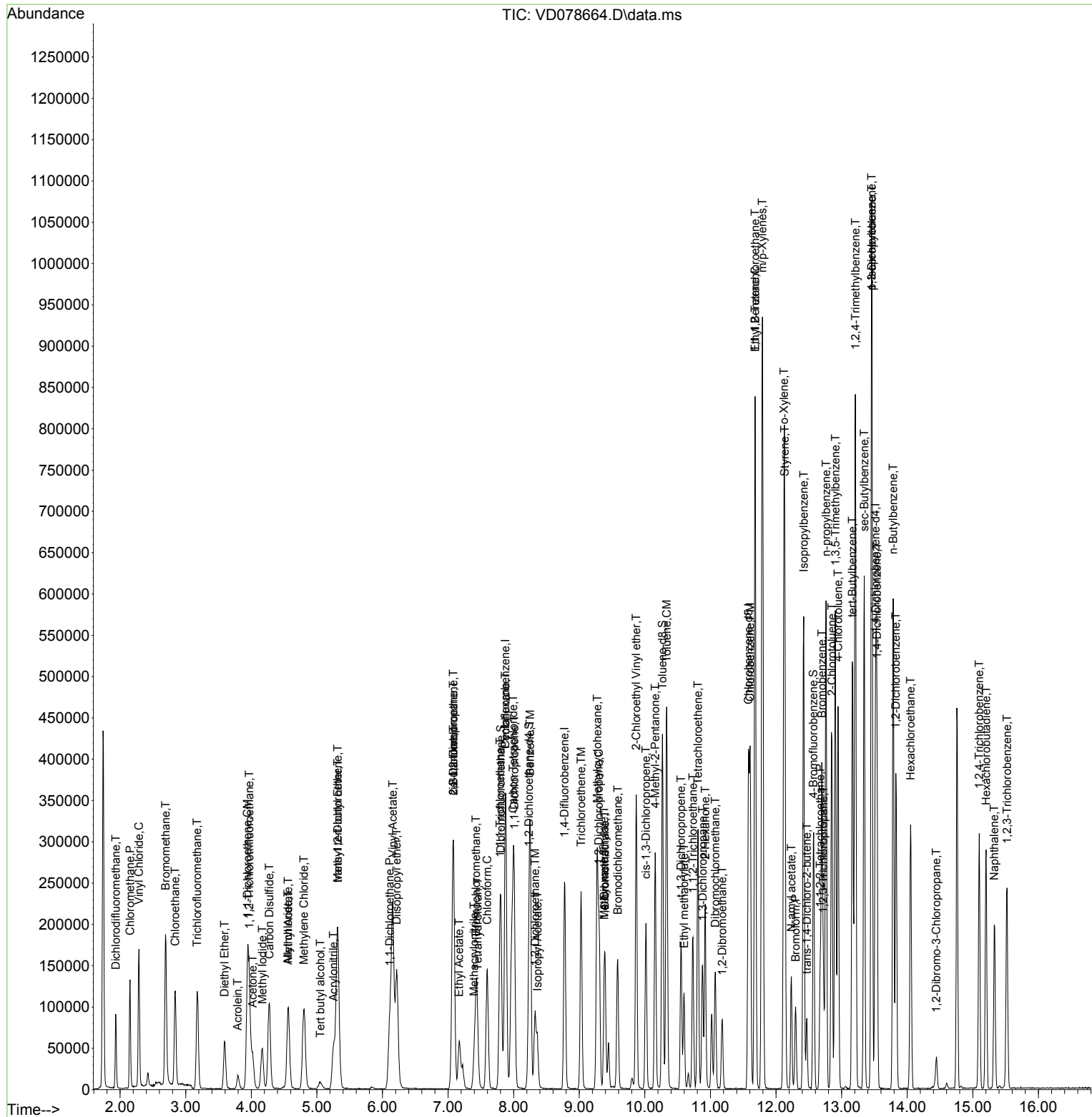
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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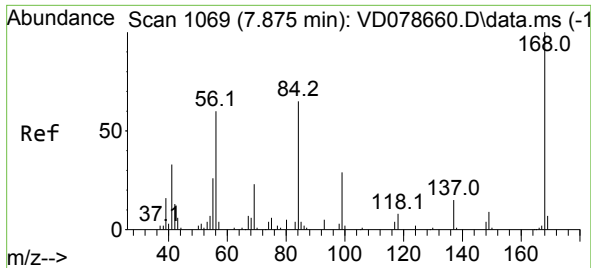
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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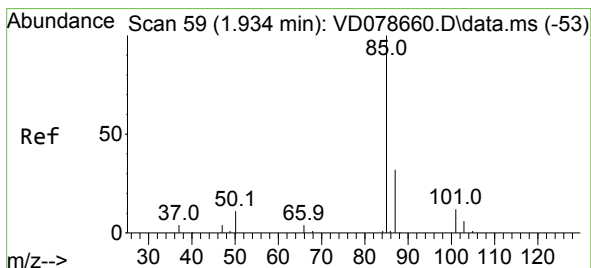
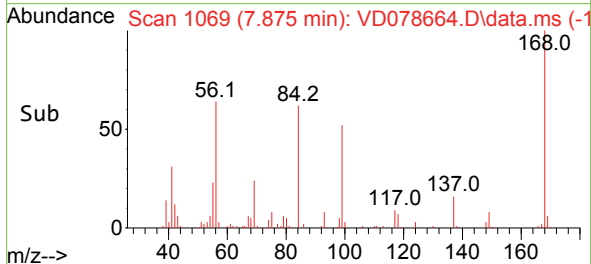
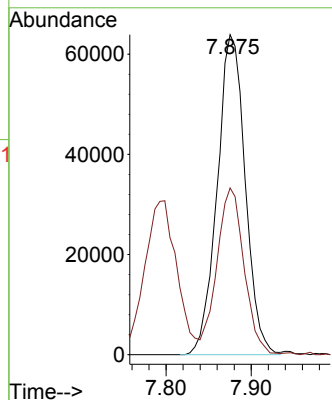
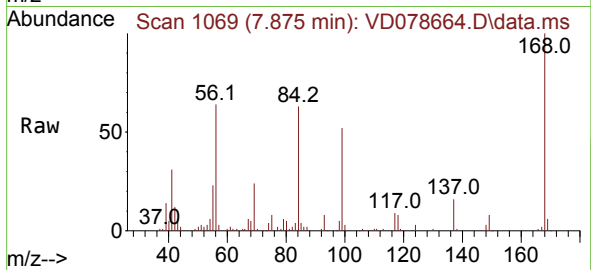




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078664.D
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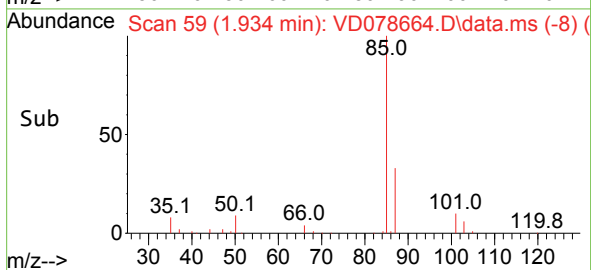
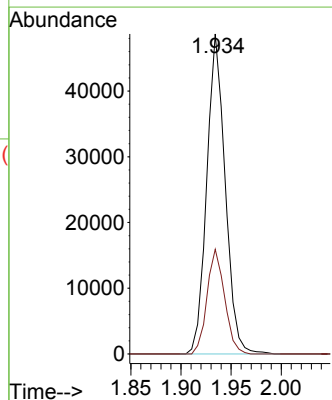
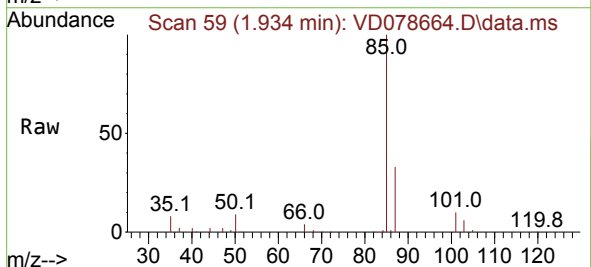
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

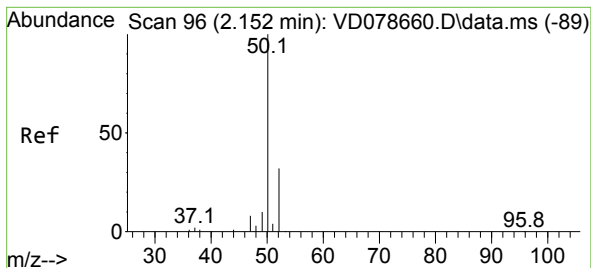
Tgt Ion:168 Resp: 146022
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 45.887 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 85 Resp: 62363
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.5





#3

Chloromethane

Concen: 48.459 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

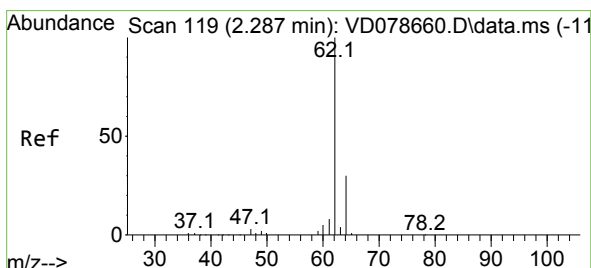
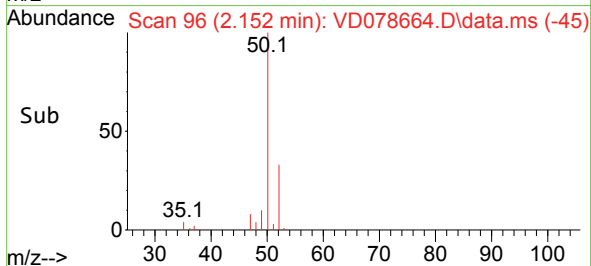
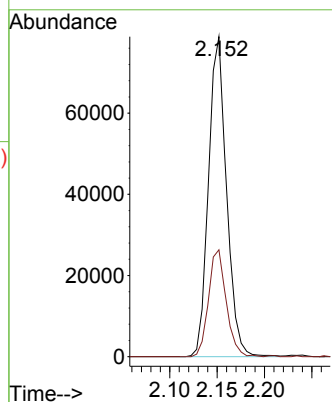
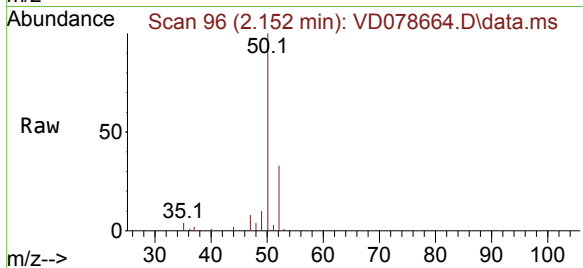
ICVVD031424

Tgt Ion: 50 Resp: 103985

Ion Ratio Lower Upper

50 100

52 33.4 25.6 38.4



#4

Vinyl Chloride

Concen: 47.027 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078664.D

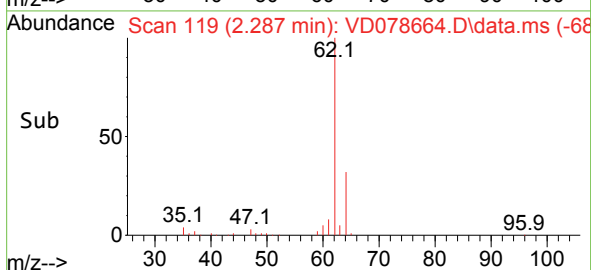
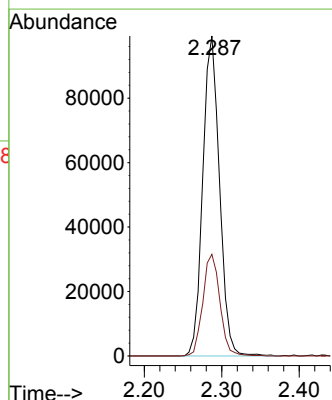
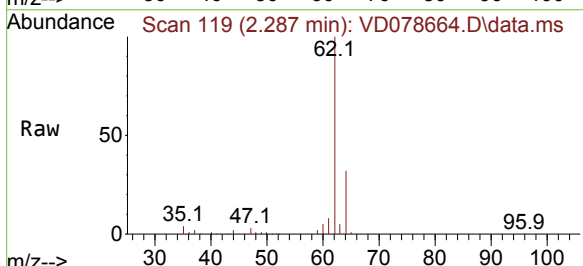
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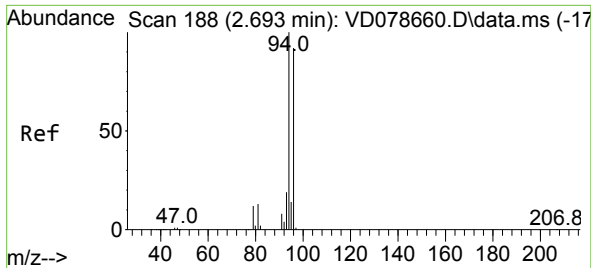
Tgt Ion: 62 Resp: 148865

Ion Ratio Lower Upper

62 100

64 31.8 23.7 35.5

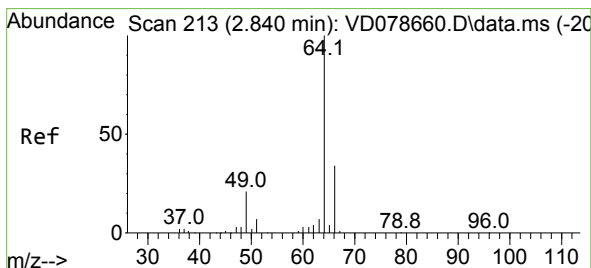
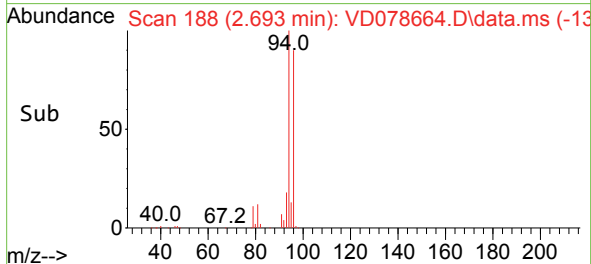
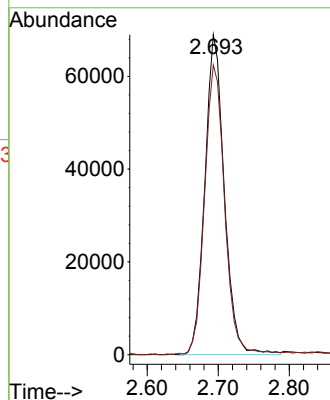
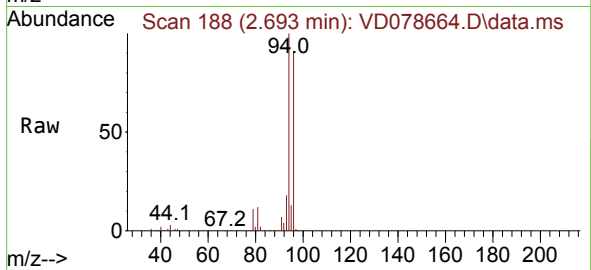




#5
Bromomethane
Concen: 43.385 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078664.D
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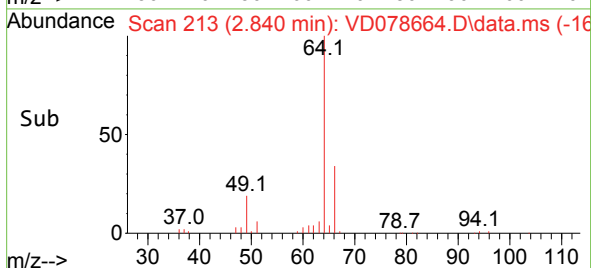
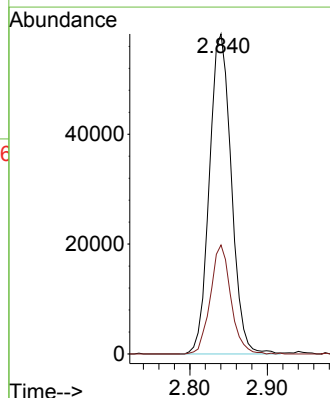
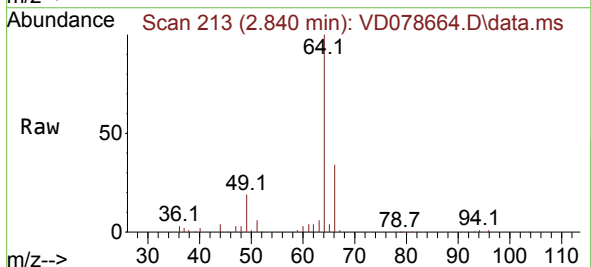
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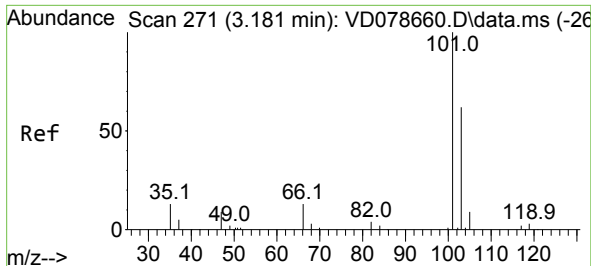
Tgt Ion: 94 Resp: 131493
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3



#6
Chloroethane
Concen: 46.366 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078664.D
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Tgt Ion: 64 Resp: 114461
Ion Ratio Lower Upper
64 100
66 34.1 26.8 40.2

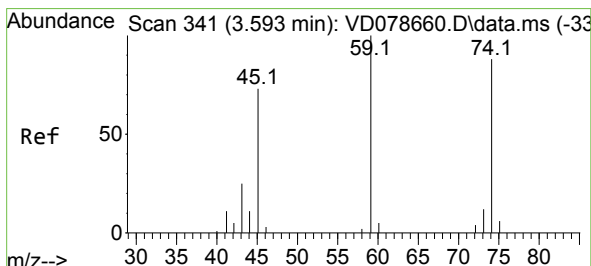
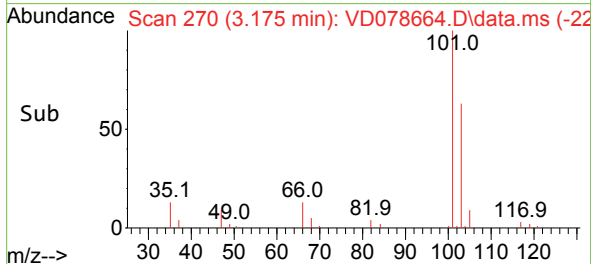
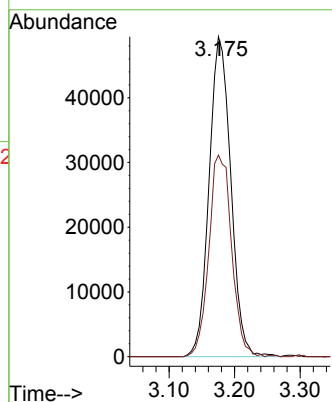
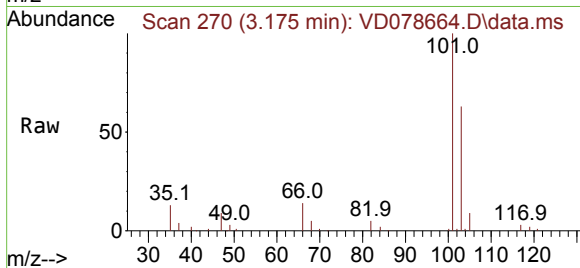




#7
Trichlorofluoromethane
Concen: 45.406 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

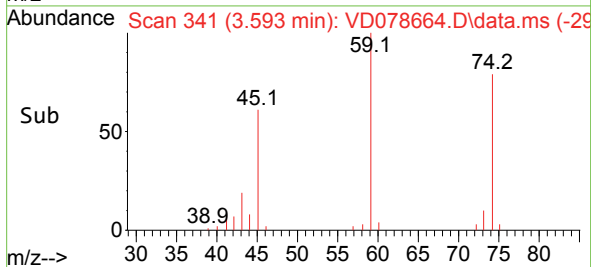
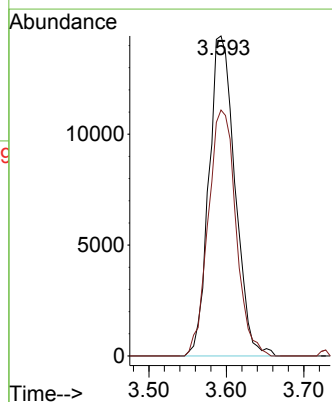
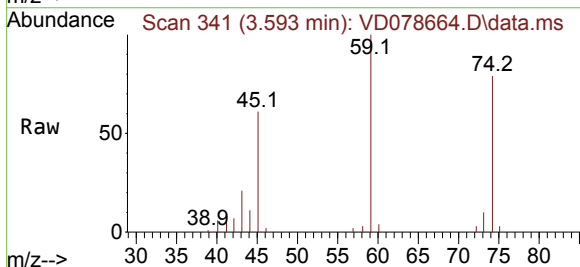
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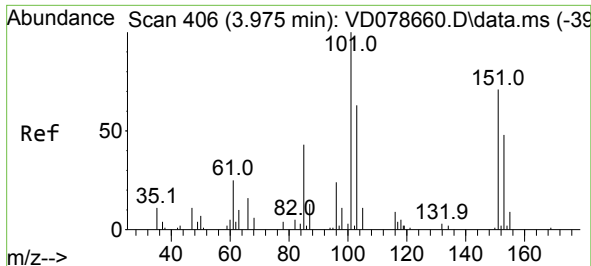
Tgt Ion:101 Resp: 113709
Ion Ratio Lower Upper
101 100
103 63.0 49.7 74.5



#8
Diethyl Ether
Concen: 46.227 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 74 Resp: 33800
Ion Ratio Lower Upper
74 100
45 81.3 42.4 127.3

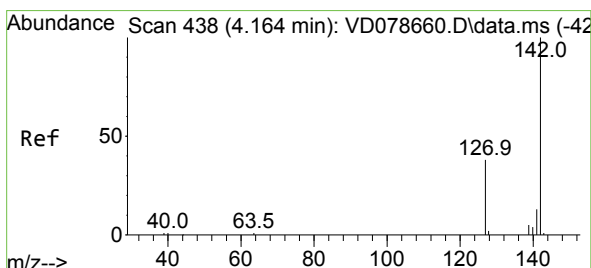
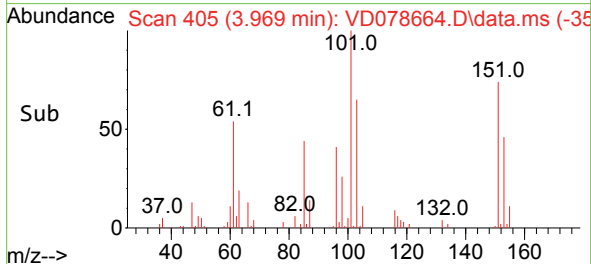
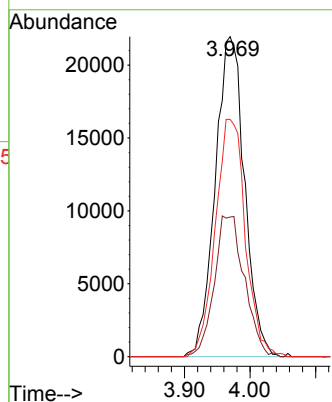
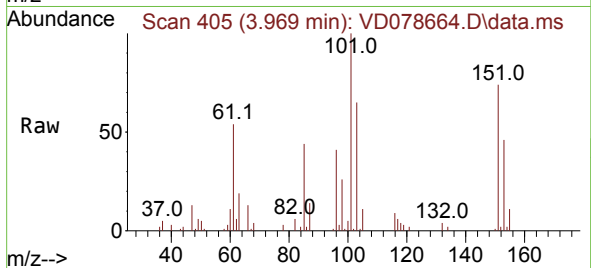




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.428 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

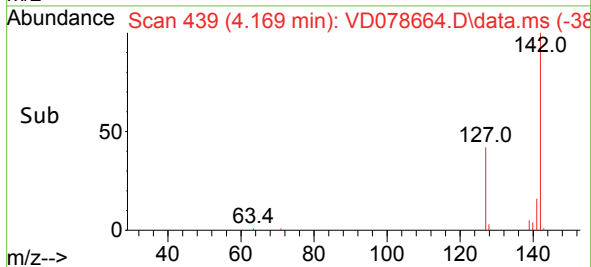
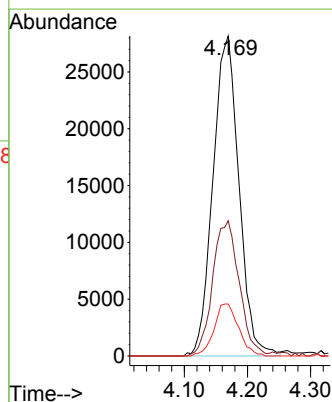
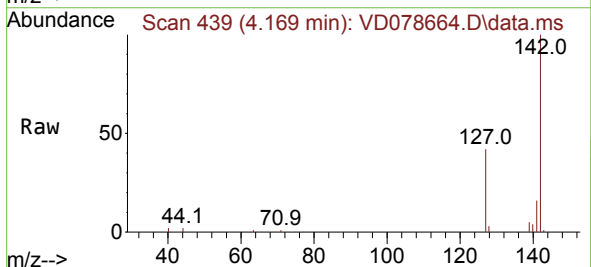
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

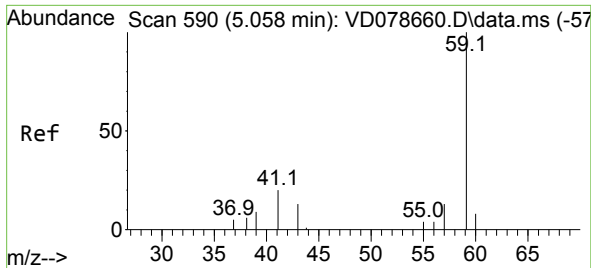
Tgt Ion:101 Resp: 68254
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.6
151 75.7 59.4 89.2



#10
Methyl Iodide
Concen: 43.328 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:142 Resp: 80551
Ion Ratio Lower Upper
142 100
127 43.1 33.5 50.3
141 15.4 11.7 17.5

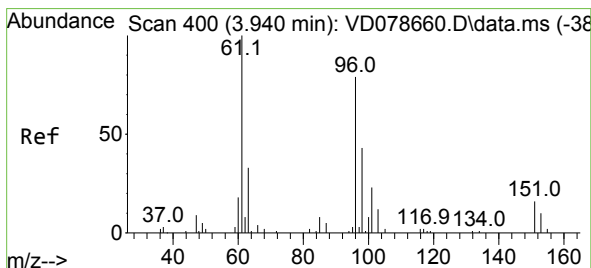
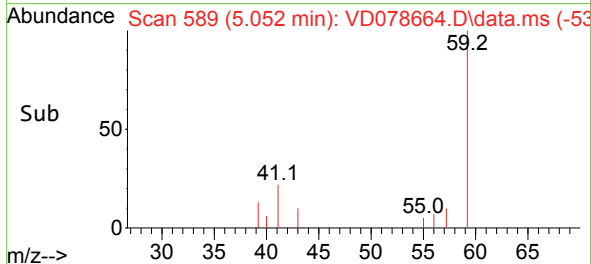
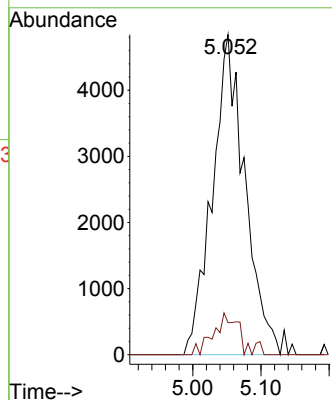
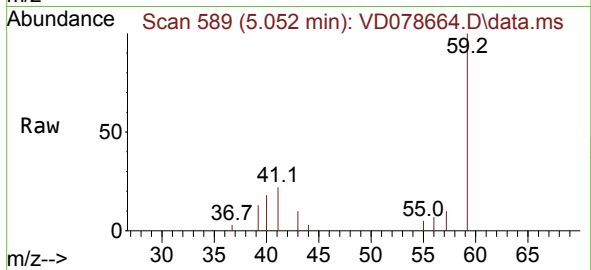




#11
Tert butyl alcohol
Concen: 262.172 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

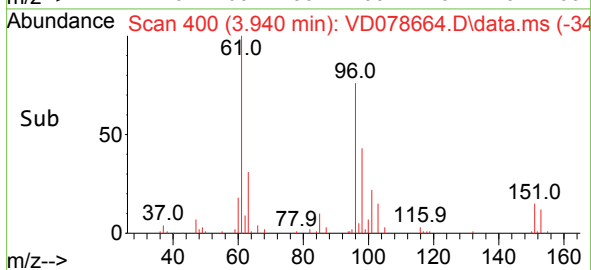
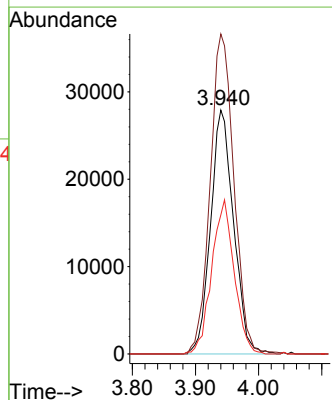
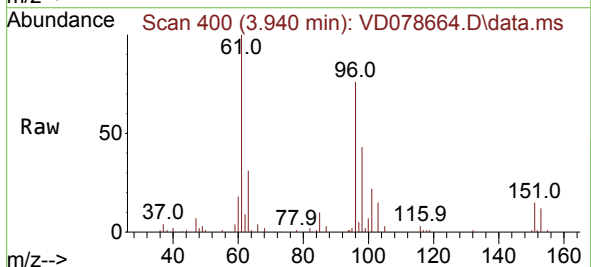
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

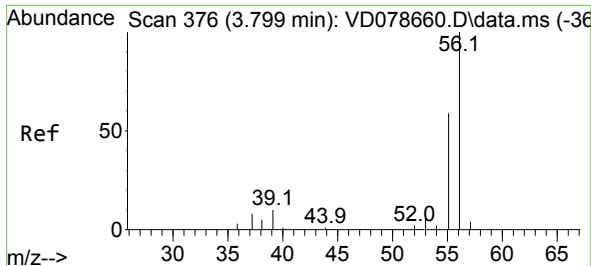
Tgt Ion: 59 Resp: 16056
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.263 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 96 Resp: 70613
Ion Ratio Lower Upper
96 100
61 131.2 101.4 152.0
98 57.0 43.4 65.0





#13

Acrolein

Concen: 191.556 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

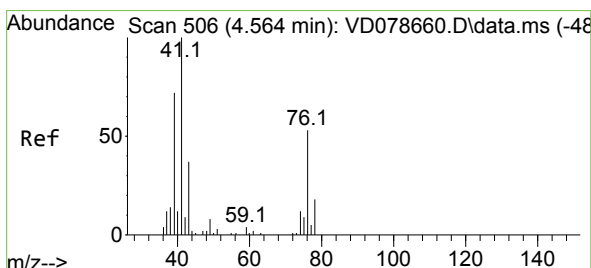
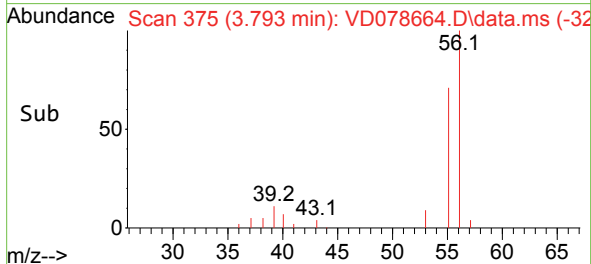
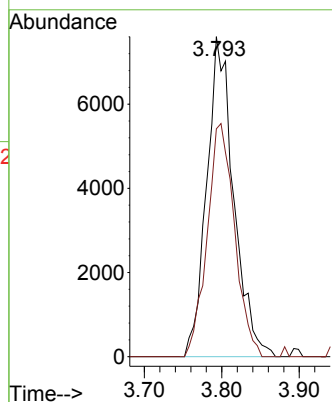
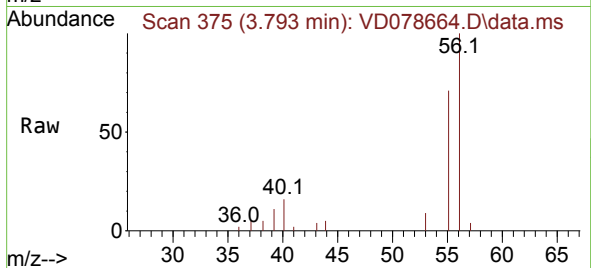
ICVVD031424

Tgt Ion: 56 Resp: 18377

Ion Ratio Lower Upper

56 100

55 74.0 54.9 82.3



#14

Allyl chloride

Concen: 47.574 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

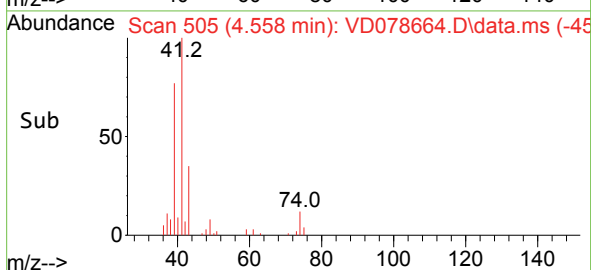
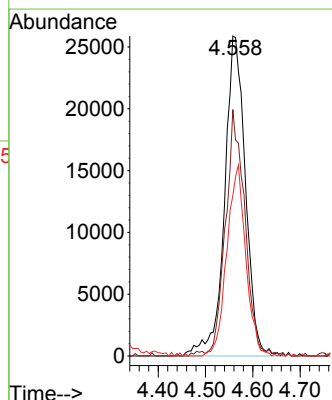
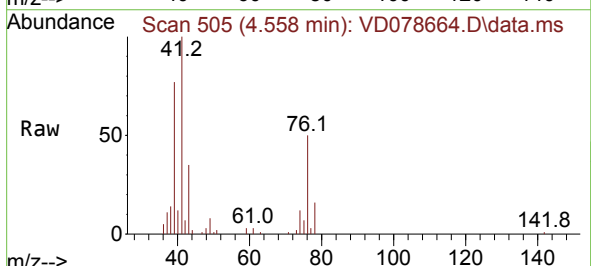
Tgt Ion: 41 Resp: 79310

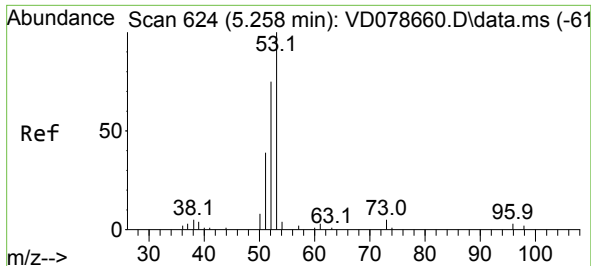
Ion Ratio Lower Upper

41 100

39 71.7 57.8 86.6

76 54.1 44.8 67.2

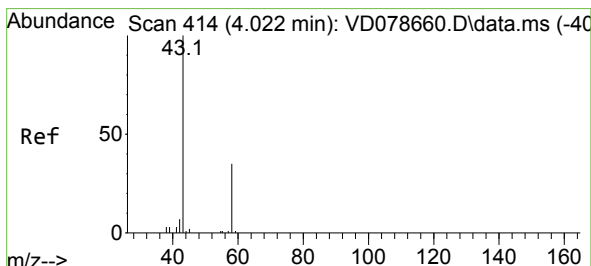
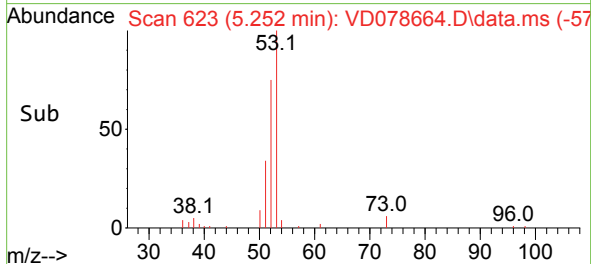
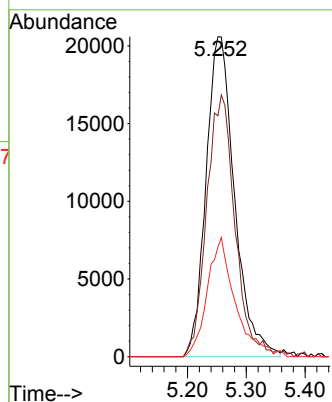
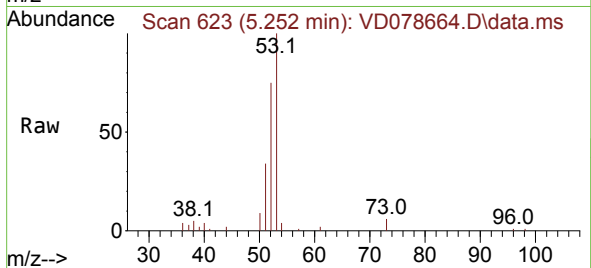




#15
Acrylonitrile
Concen: 235.626 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

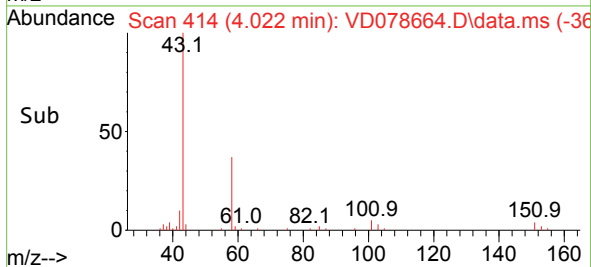
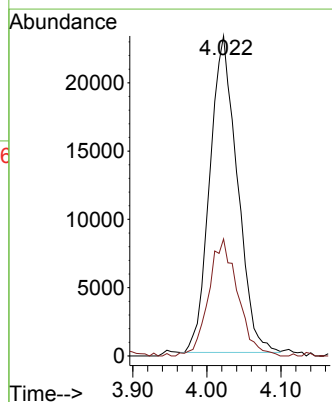
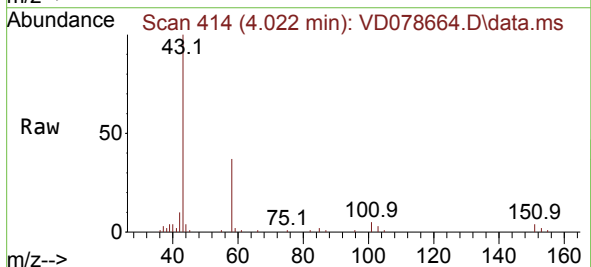
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

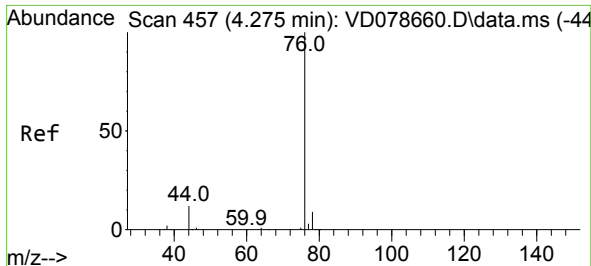
Tgt Ion: 53	Resp: 69451
Ion Ratio	Lower Upper
53 100	
52 80.6	61.9 92.9
51 36.7	29.0 43.4



#16
Acetone
Concen: 226.328 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 43	Resp: 59892
Ion Ratio	Lower Upper
43 100	
58 37.0	28.2 42.4





#17

Carbon Disulfide

Concen: 45.276 ug/l

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

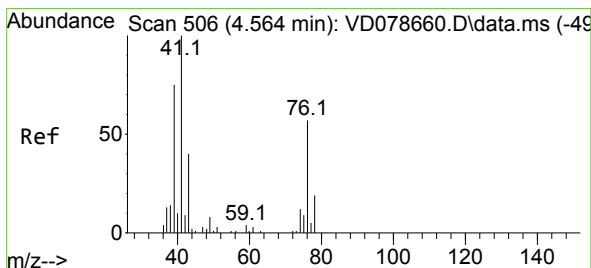
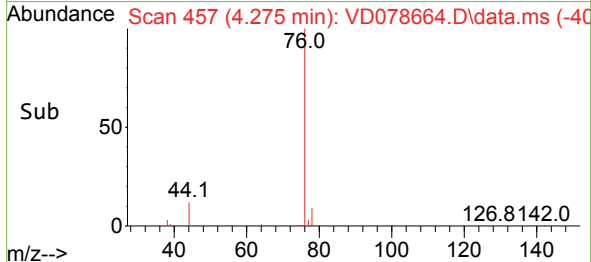
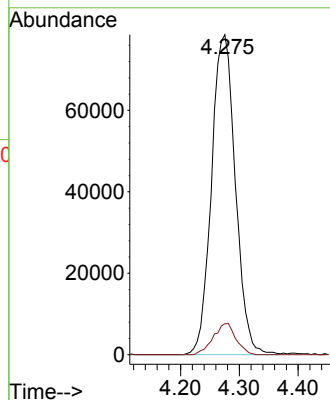
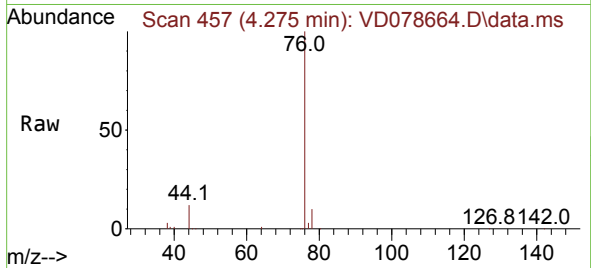
ICVVD031424

Tgt Ion: 76 Resp: 221760

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 49.499 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD078664.D

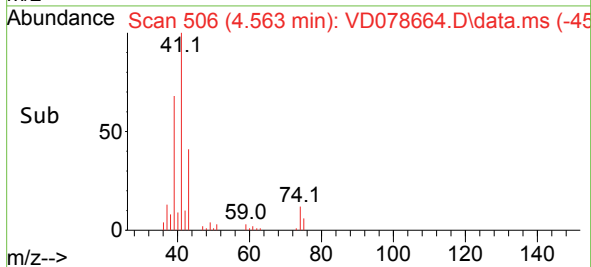
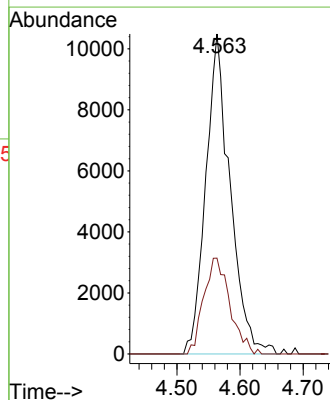
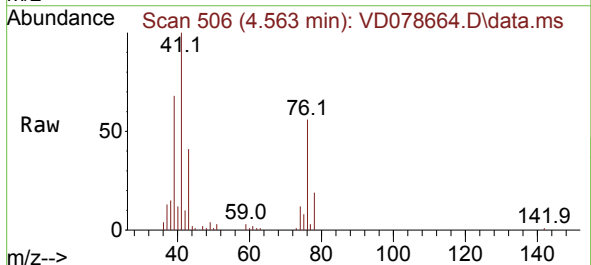
Acq: 14 Mar 2024 13:22

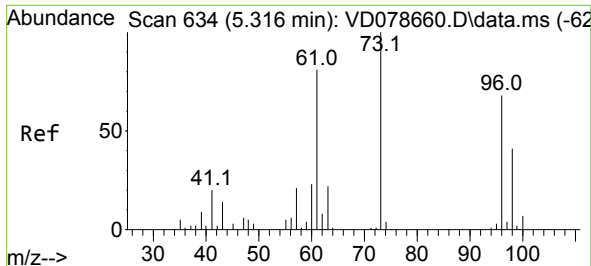
Tgt Ion: 43 Resp: 28111

Ion Ratio Lower Upper

43 100

74 32.1 25.3 37.9

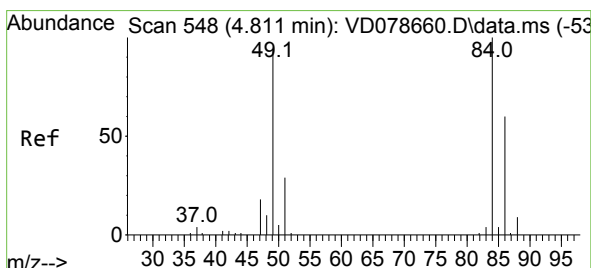
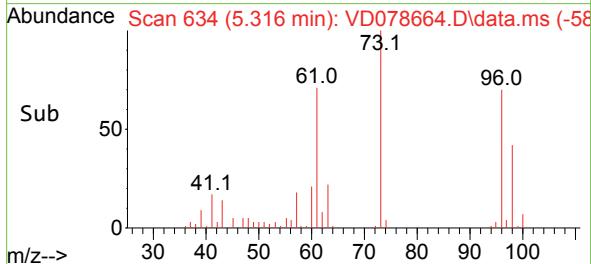
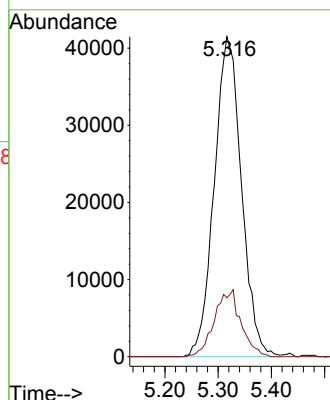
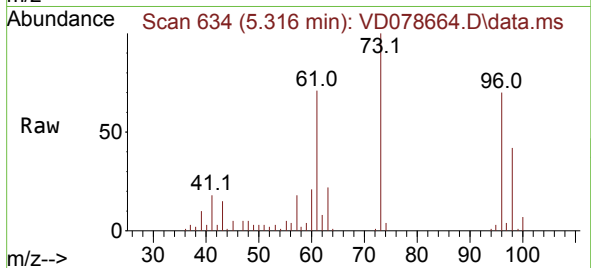




#19
Methyl tert-butyl Ether
Concen: 48.807 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

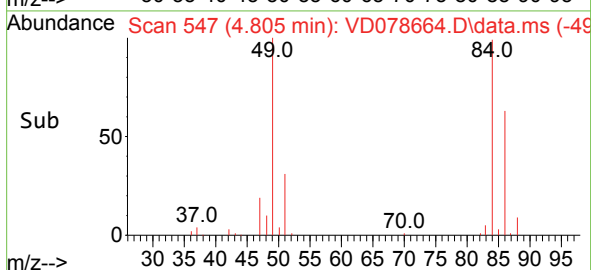
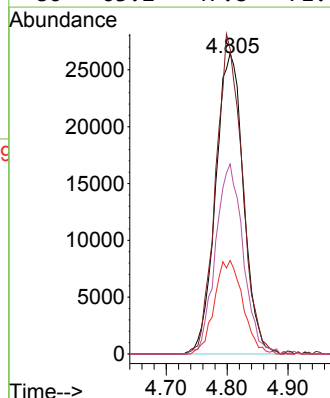
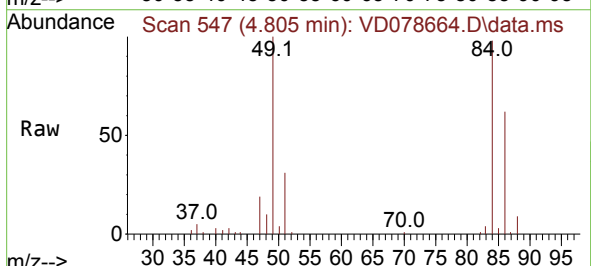
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

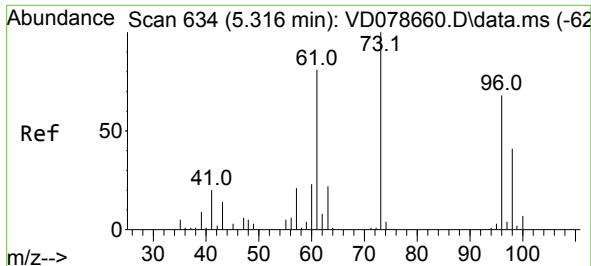
Tgt Ion: 73 Resp: 147056
Ion Ratio Lower Upper
73 100
57 18.4 16.4 24.6



#20
Methylene Chloride
Concen: 46.181 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 84 Resp: 83987
Ion Ratio Lower Upper
84 100
49 101.6 75.6 113.4
51 31.1 23.4 35.0
86 63.2 47.8 71.6

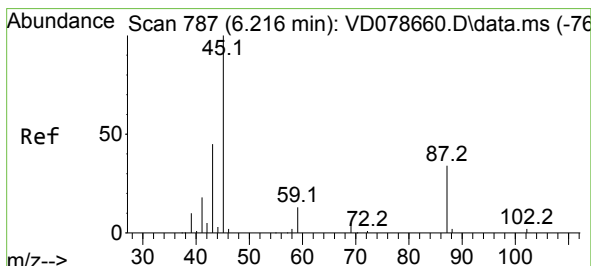
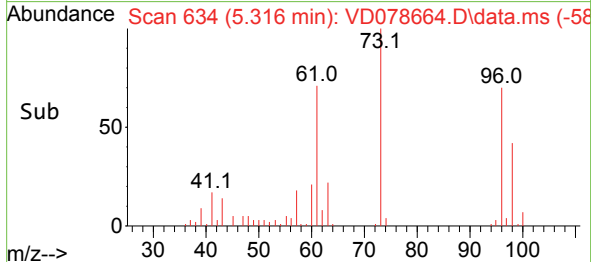
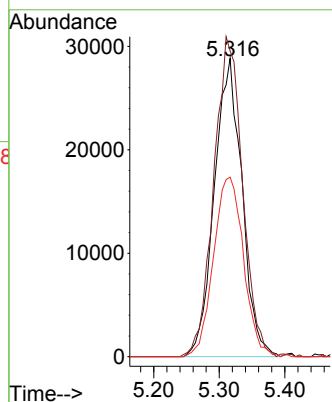
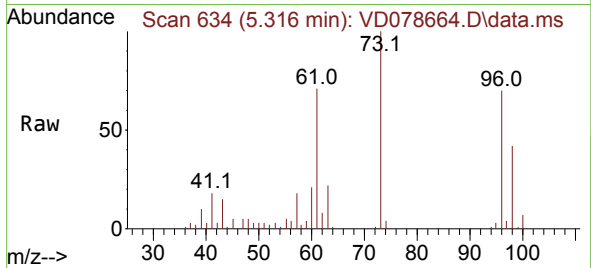




#21
trans-1,2-Dichloroethene
Concen: 47.886 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

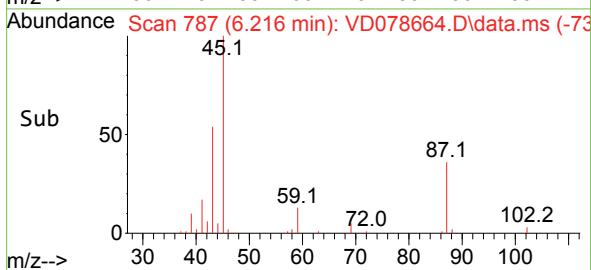
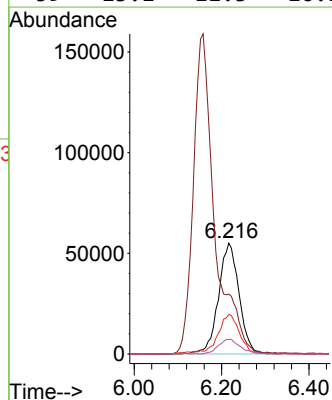
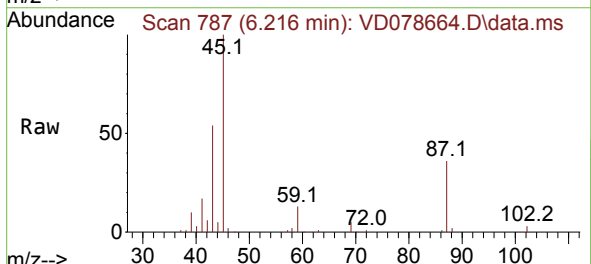
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

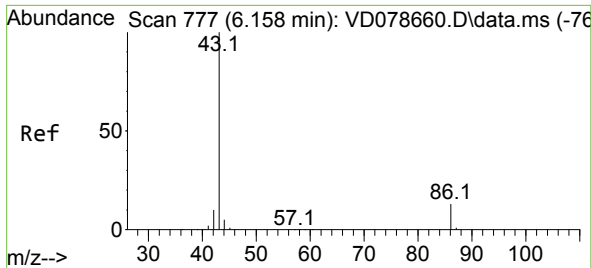
Tgt Ion: 96 Resp: 84420
Ion Ratio Lower Upper
96 100
61 102.4 96.1 144.1
98 60.2 48.9 73.3



#22
Diisopropyl ether
Concen: 47.361 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 45 Resp: 179508
Ion Ratio Lower Upper
45 100
43 53.1 44.3 66.5
87 35.6 28.3 42.5
59 13.1 11.3 16.9

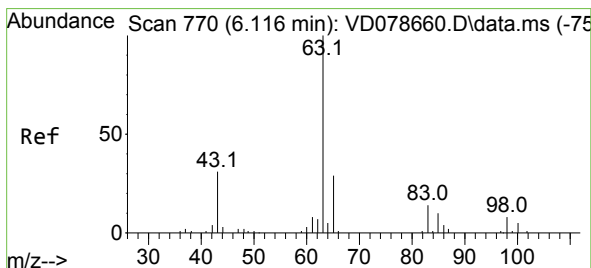
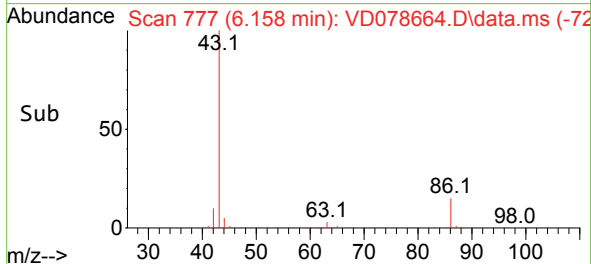
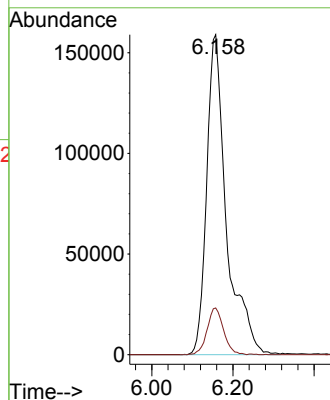
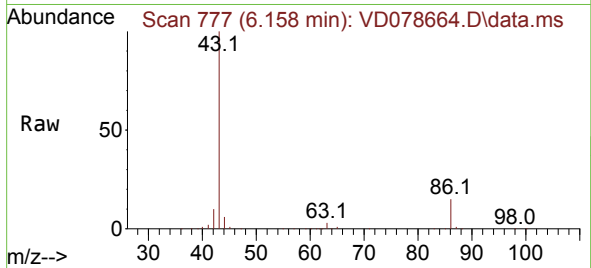




#23
Vinyl Acetate
Concen: 242.237 ug/l
RT: 6.158 min Scan# 777
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

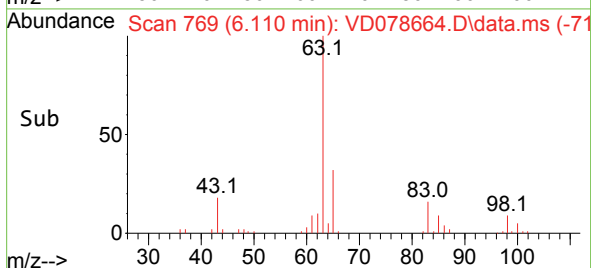
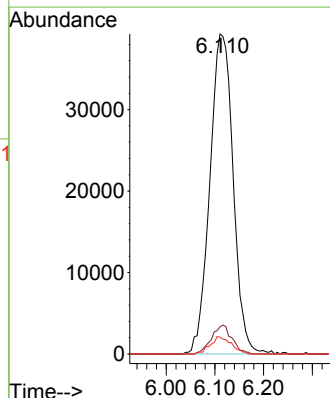
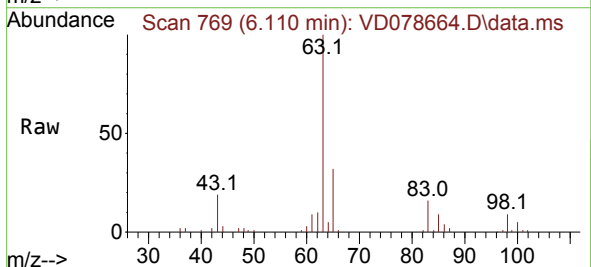
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

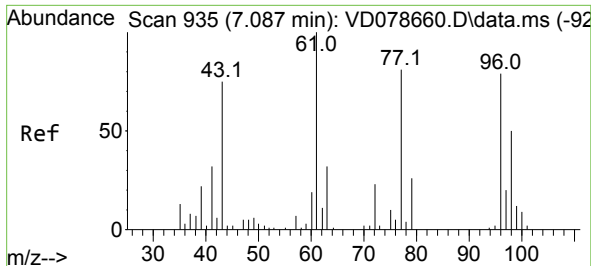
Tgt Ion: 43 Resp: 537056
Ion Ratio Lower Upper
43 100
86 14.6 10.7 16.1



#24
1,1-Dichloroethane
Concen: 45.971 ug/l
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 63 Resp: 130636
Ion Ratio Lower Upper
63 100
98 8.5 4.0 11.9
100 5.2 2.7 8.1





#25

2-Butanone

Concen: 233.301 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

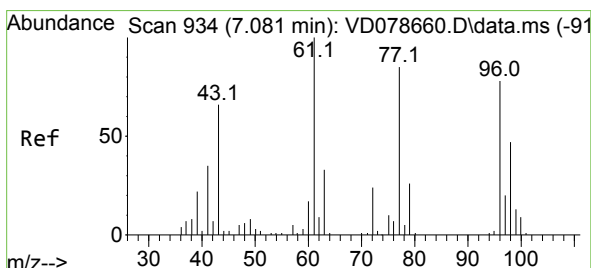
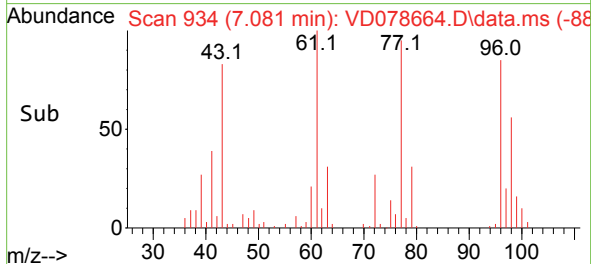
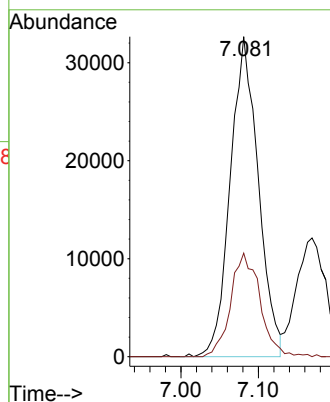
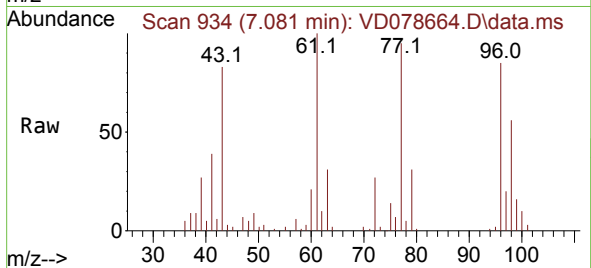
ICVVD031424

Tgt Ion: 43 Resp: 82080

Ion Ratio Lower Upper

43 100

72 32.3 25.0 37.6



#26

2,2-Dichloropropane

Concen: 46.371 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078664.D

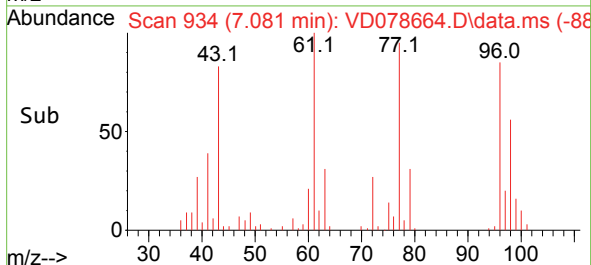
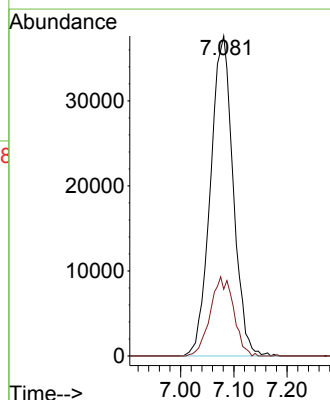
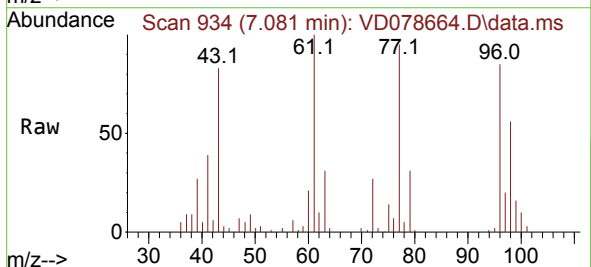
Acq: 14 Mar 2024 13:22

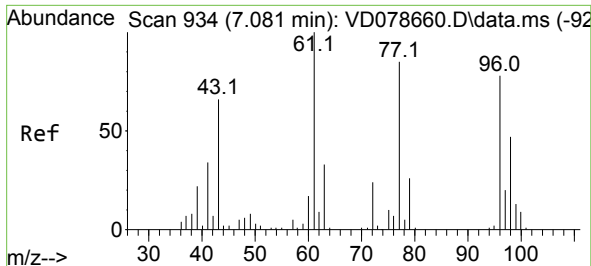
Tgt Ion: 77 Resp: 111487

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.0

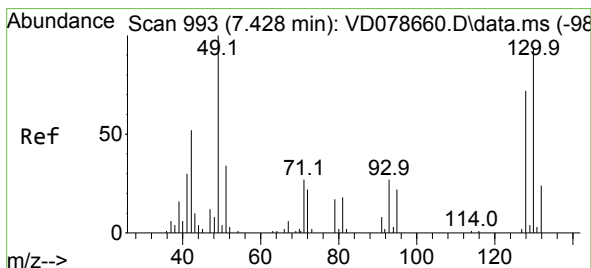
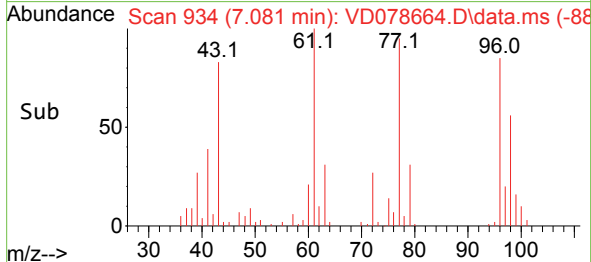
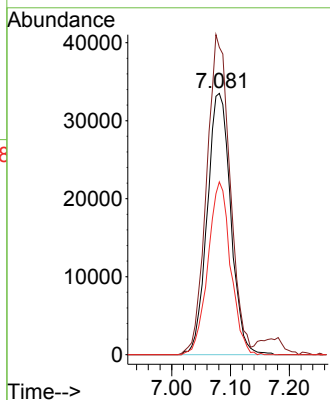
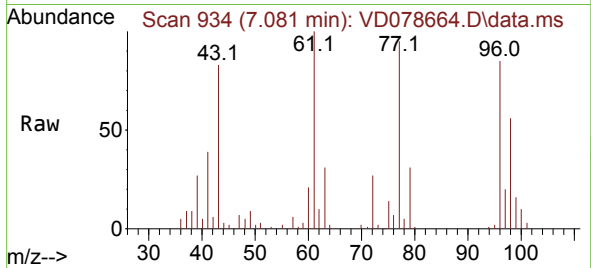




#27
 cis-1,2-Dichloroethene
 Concen: 46.393 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078664.D
 Acq: 14 Mar 2024 13:22

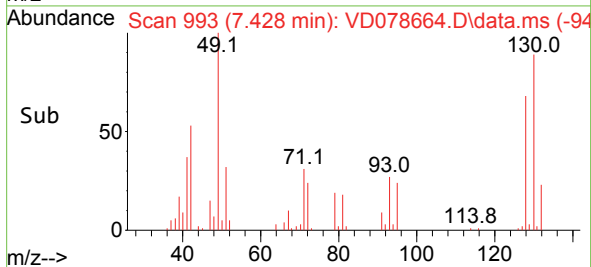
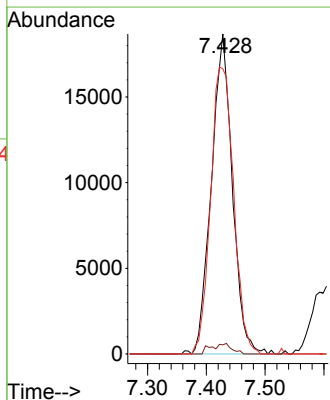
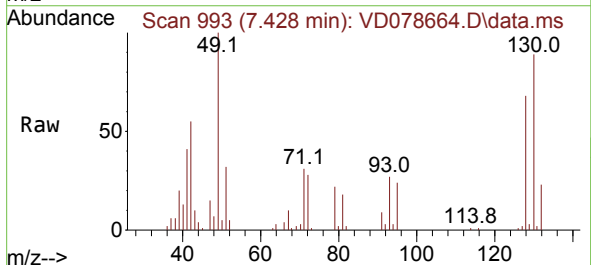
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD031424

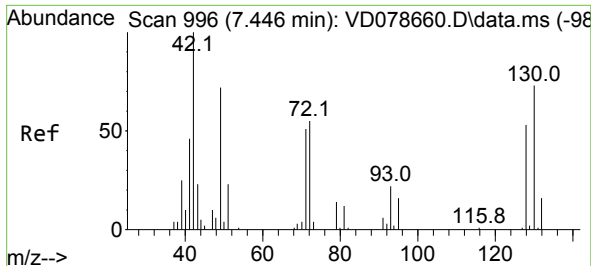
Tgt Ion: 96 Resp: 93284
 Ion Ratio Lower Upper
 96 100
 61 122.1 0.0 245.0
 98 63.5 0.0 126.6



#28
 Bromochloromethane
 Concen: 45.766 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078664.D
 Acq: 14 Mar 2024 13:22

Tgt Ion: 49 Resp: 46366
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.2
 130 98.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 250.067 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

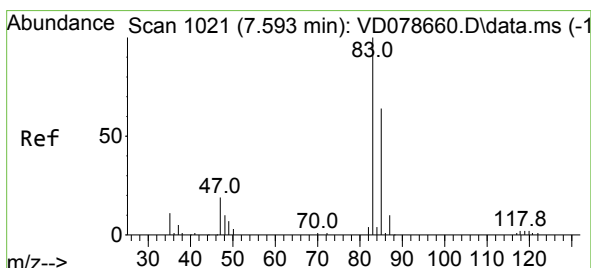
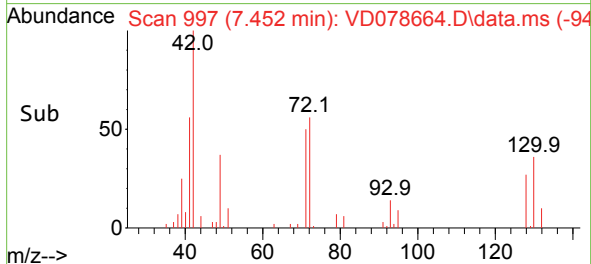
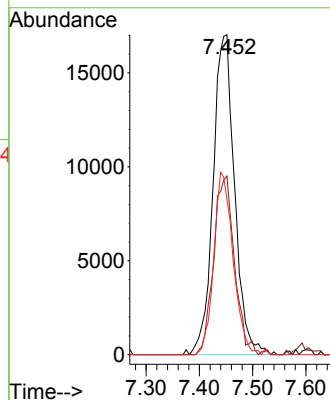
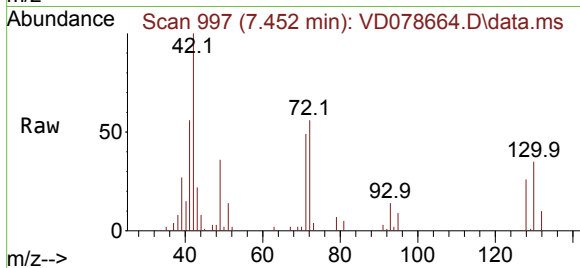
Tgt Ion: 42 Resp: 47852

Ion Ratio Lower Upper

42 100

72 54.0 43.8 65.6

71 51.2 42.0 63.0



#30

Chloroform

Concen: 45.458 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078664.D

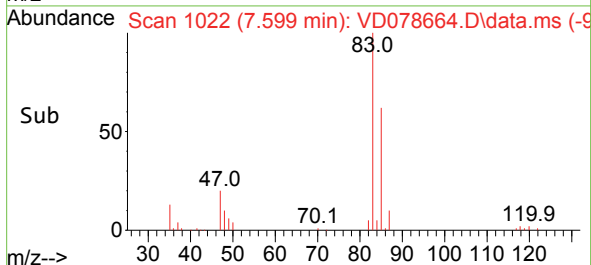
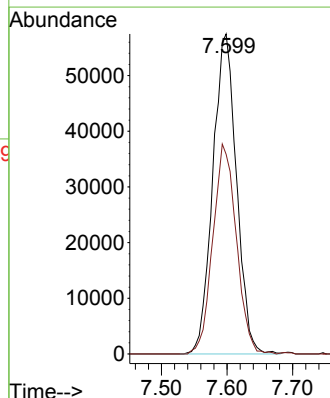
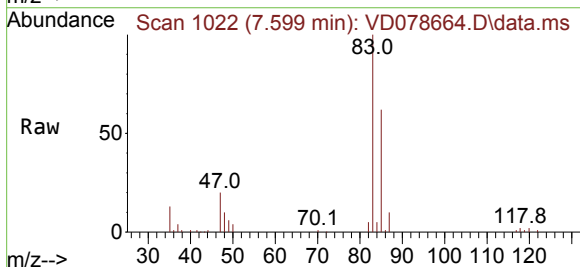
Acq: 14 Mar 2024 13:22

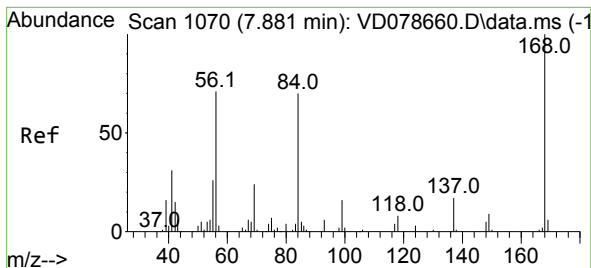
Tgt Ion: 83 Resp: 144030

Ion Ratio Lower Upper

83 100

85 62.4 51.2 76.8





#31

Cyclohexane

Concen: 44.947 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

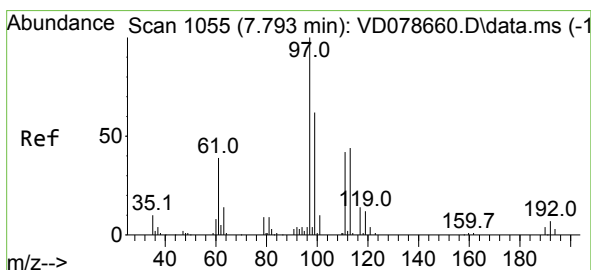
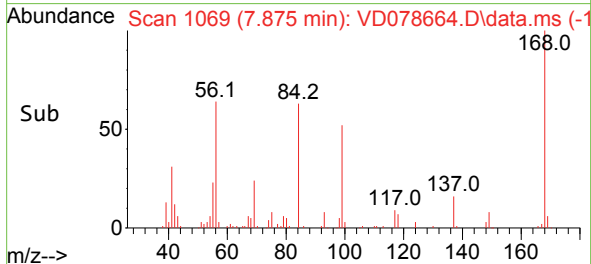
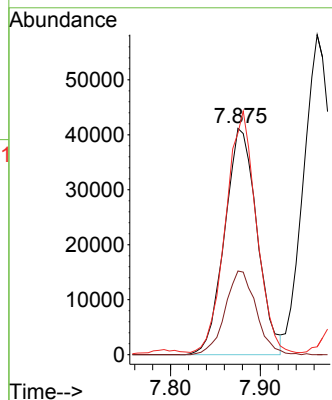
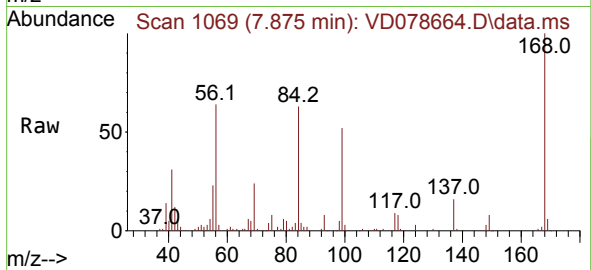
Tgt Ion: 56 Resp: 103385

Ion Ratio Lower Upper

56 100

69 37.0 26.6 40.0

84 96.7 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 46.822 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

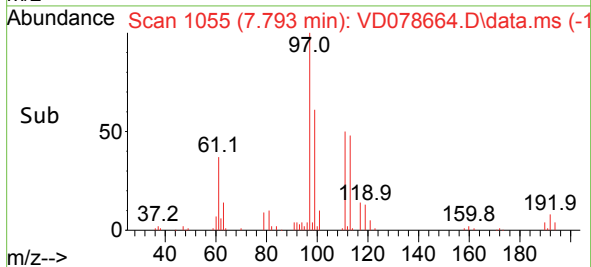
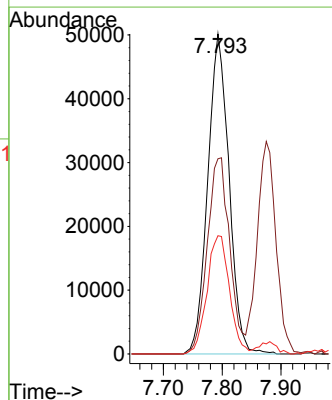
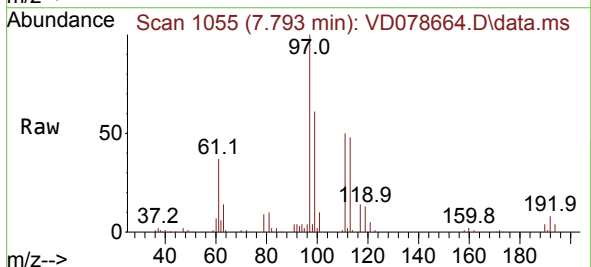
Tgt Ion: 97 Resp: 125869

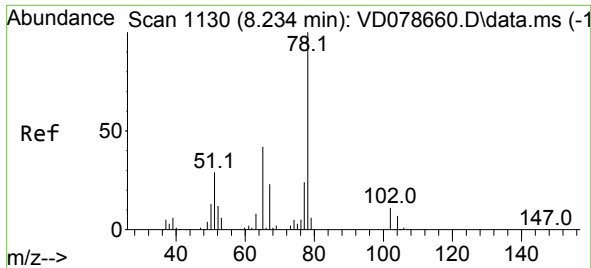
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 39.1 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.162 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

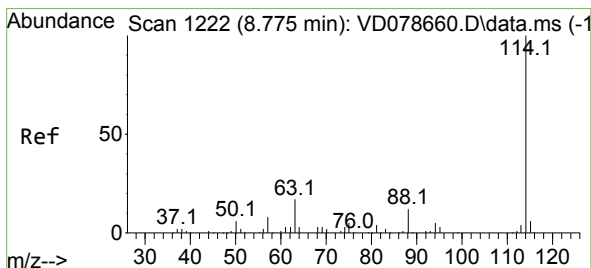
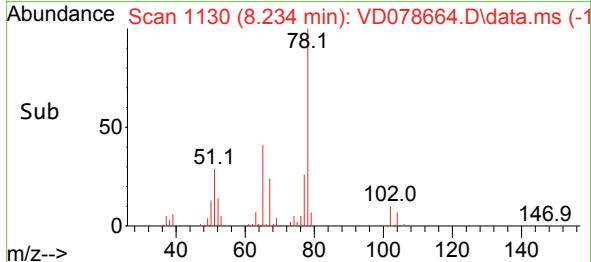
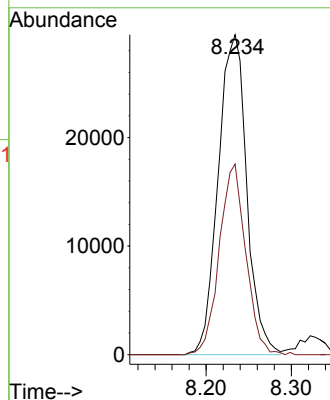
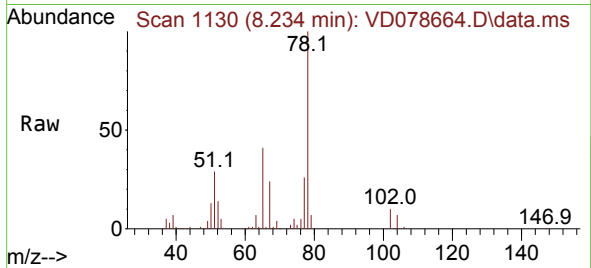
ICVVD031424

Tgt Ion: 65 Resp: 68645

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

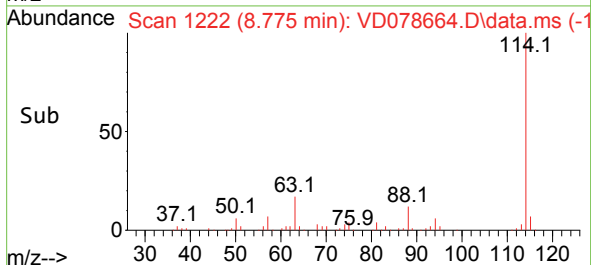
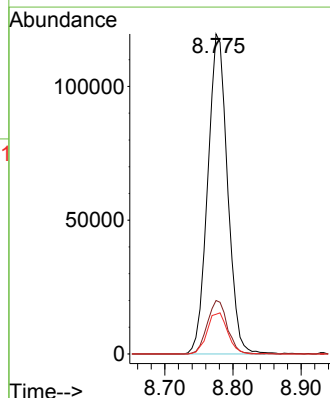
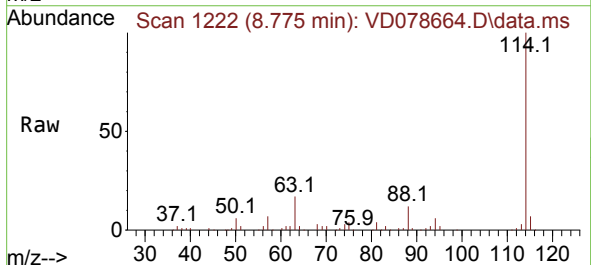
Tgt Ion: 114 Resp: 241367

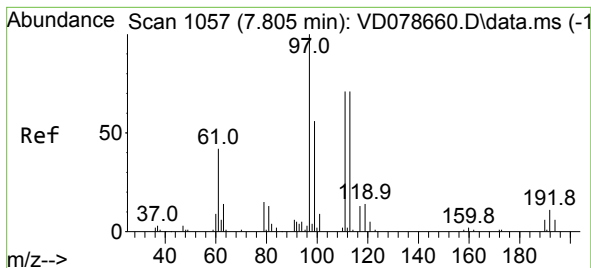
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.4 0.0 24.6





#35

Dibromofluoromethane

Concen: 52.016 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

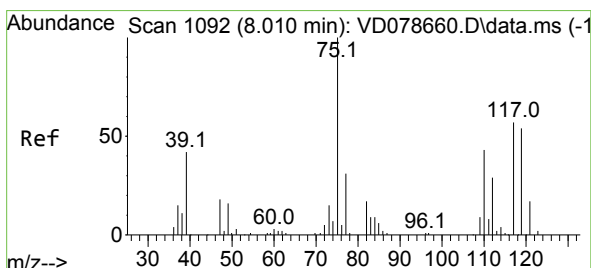
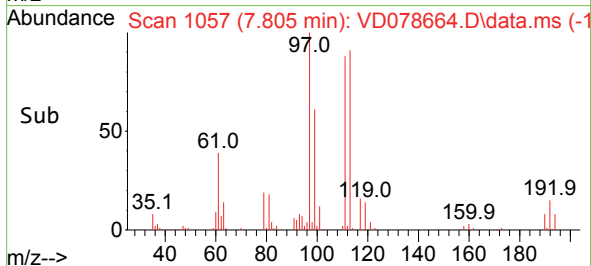
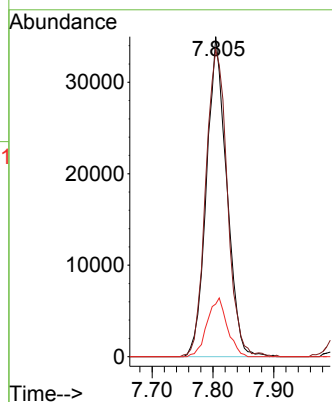
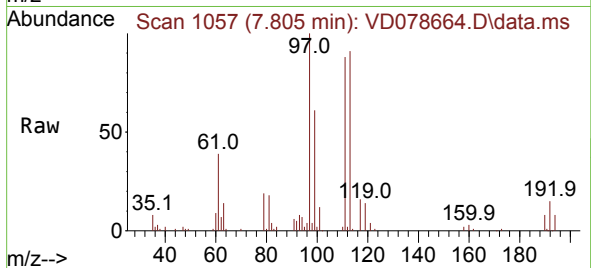
Tgt Ion:113 Resp: 80835

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 48.015 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

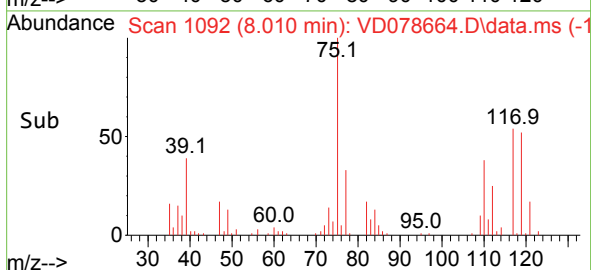
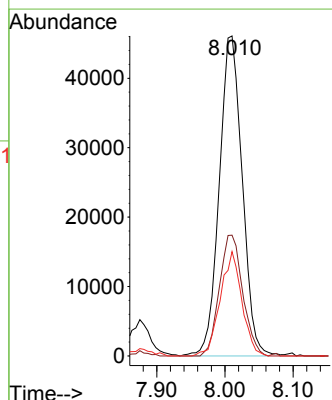
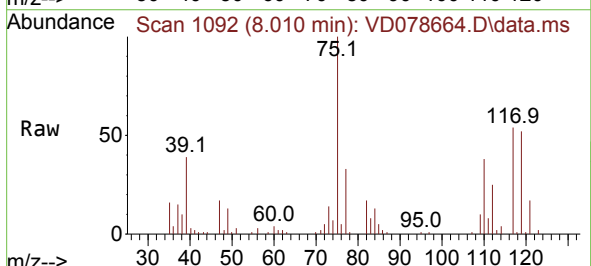
Tgt Ion: 75 Resp: 108265

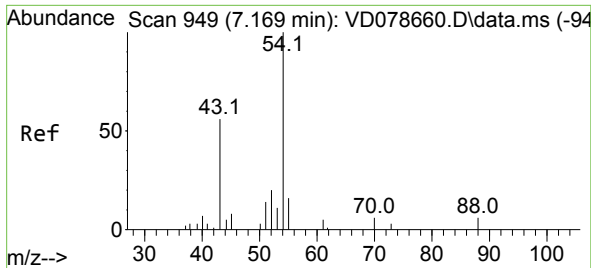
Ion Ratio Lower Upper

75 100

110 38.3 19.1 57.1

77 30.6 25.4 38.2

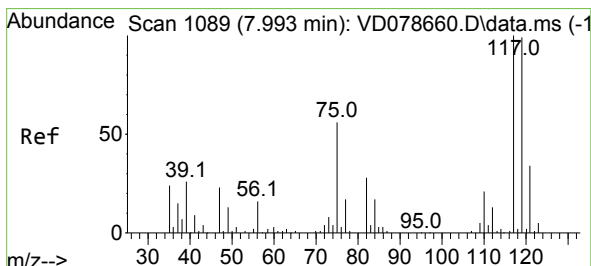
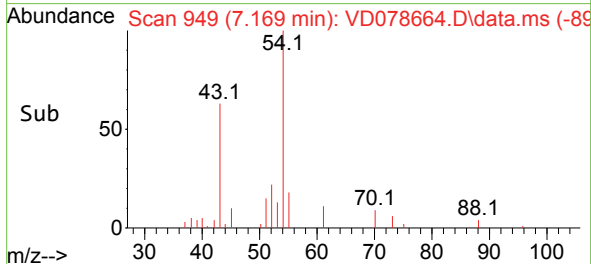
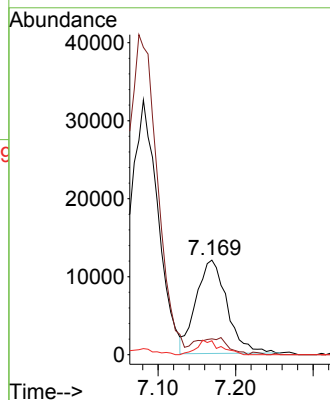
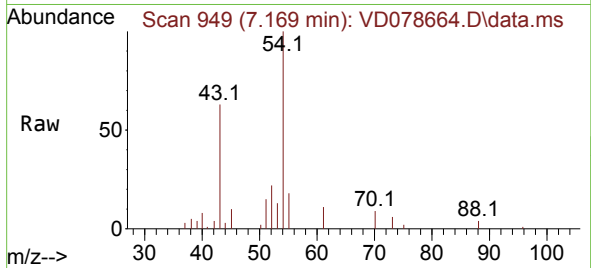




#37
Ethyl Acetate
Concen: 44.943 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

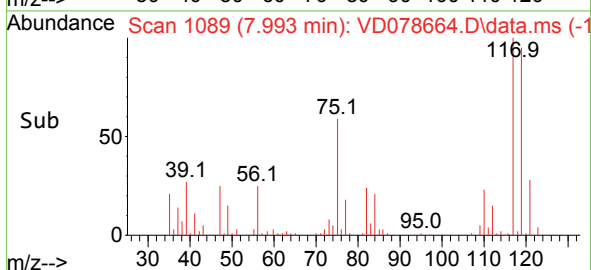
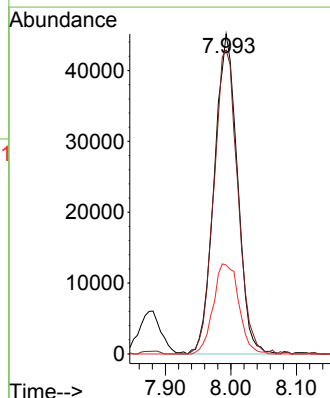
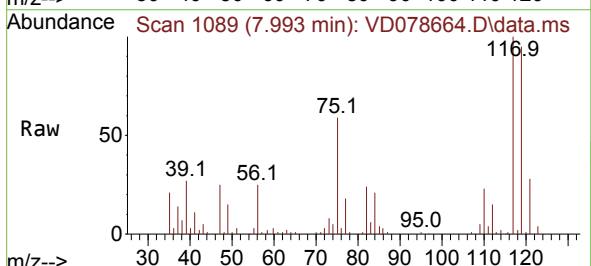
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

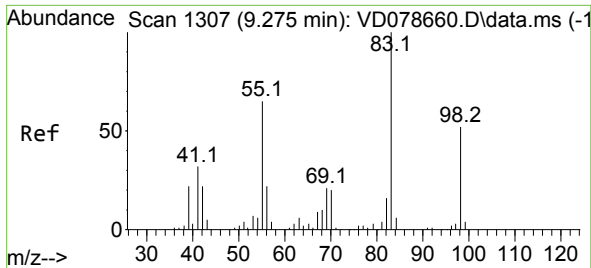
Tgt Ion: 43 Resp: 33106
Ion Ratio Lower Upper
43 100
61 18.0 14.6 21.8
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 46.572 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 117 Resp: 110705
Ion Ratio Lower Upper
117 100
119 95.0 79.2 118.8
121 27.8 26.8 40.2

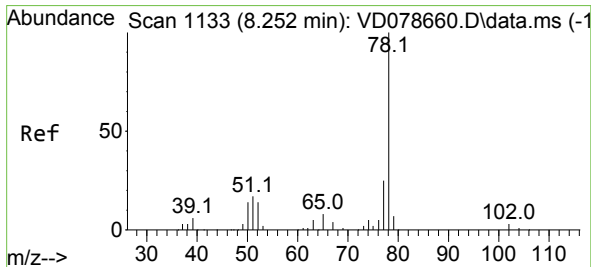
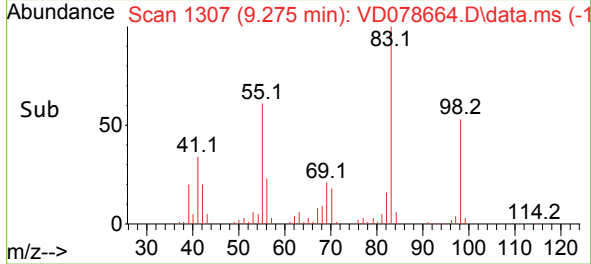
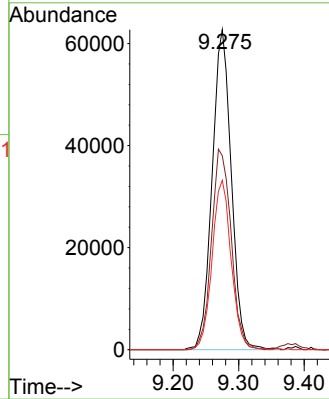
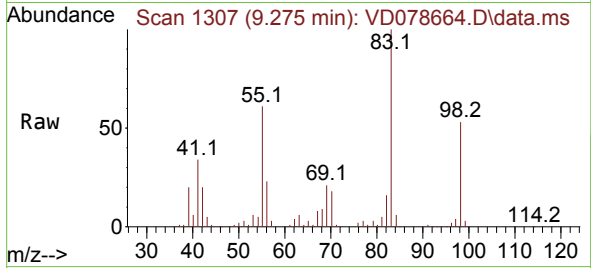




#39
Methylcyclohexane
Concen: 48.660 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

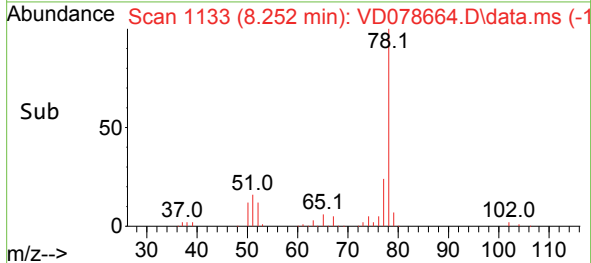
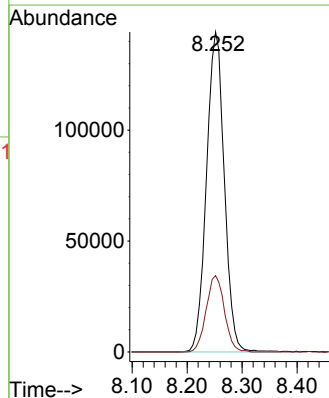
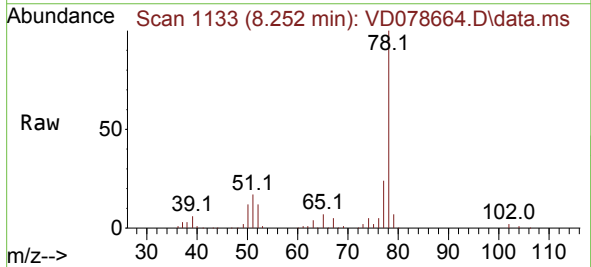
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

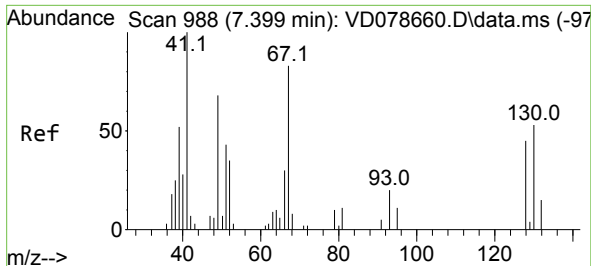
Tgt Ion: 83 Resp: 127277
Ion Ratio Lower Upper
83 100
55 60.6 51.7 77.5
98 52.9 41.4 62.0



#40
Benzene
Concen: 47.617 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 78 Resp: 324559
Ion Ratio Lower Upper
78 100
77 23.9 20.4 30.6

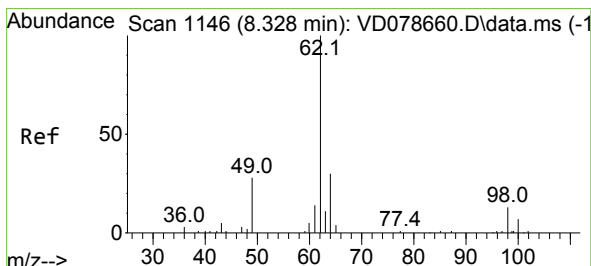
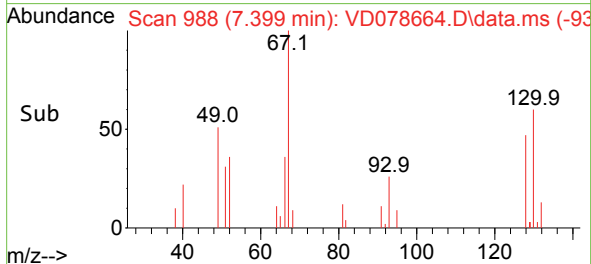
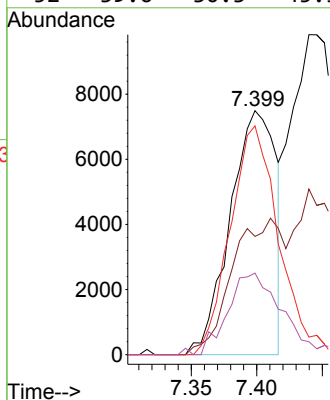
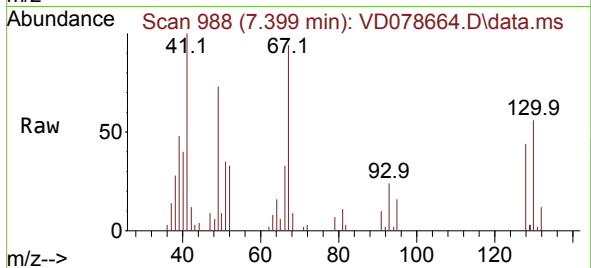




#41
Methacrylonitrile
Concen: 47.208 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

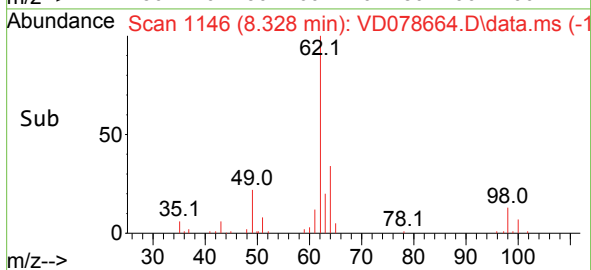
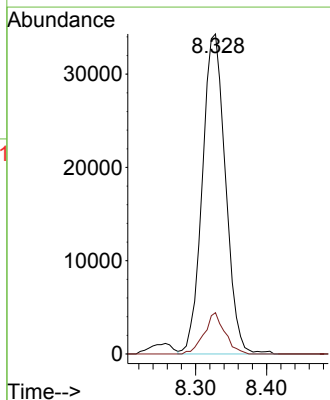
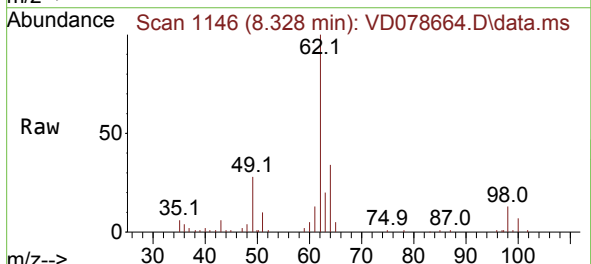
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

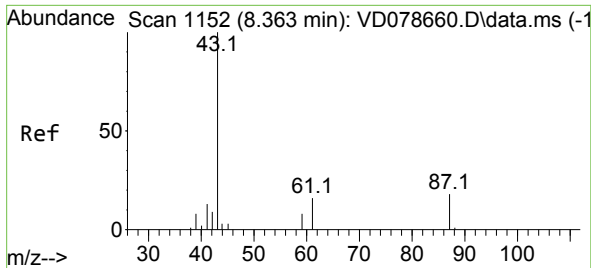
Tgt Ion:	41	Resp:	18223
Ion	Ratio	Lower	Upper
41	100		
39	62.9	39.8	59.6#
67	98.7	83.5	125.3
52	39.6	30.3	45.5



#42
1,2-Dichloroethane
Concen: 46.845 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:	62	Resp:	77866
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	23.8

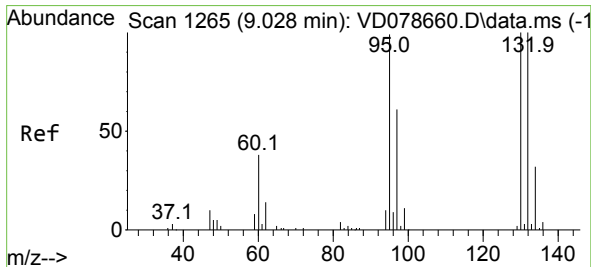
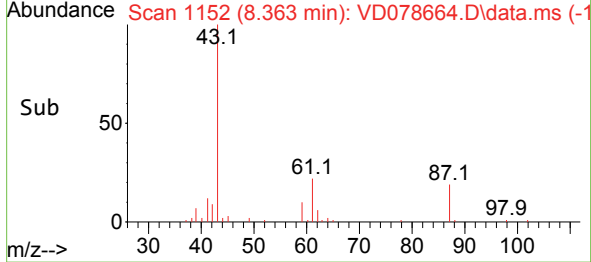
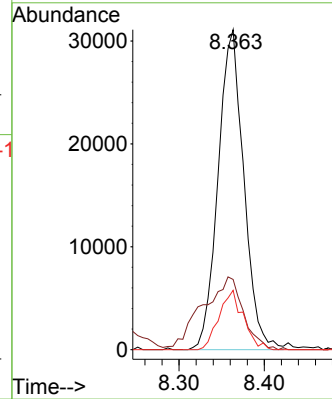
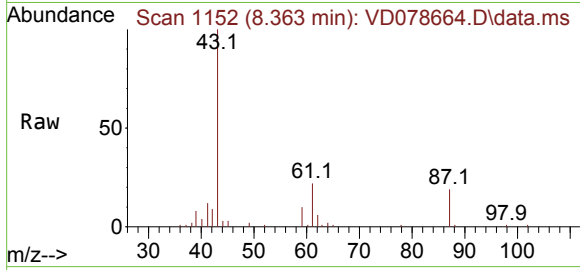




#43
Isopropyl Acetate
Concen: 48.647 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

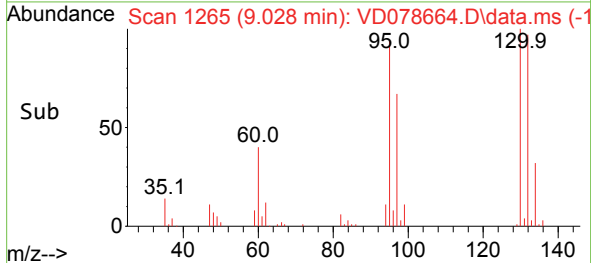
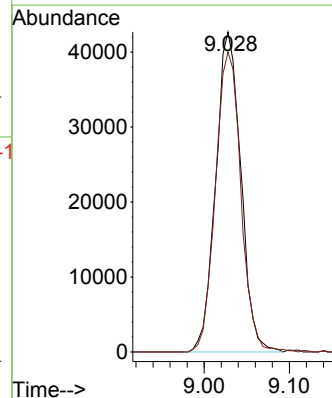
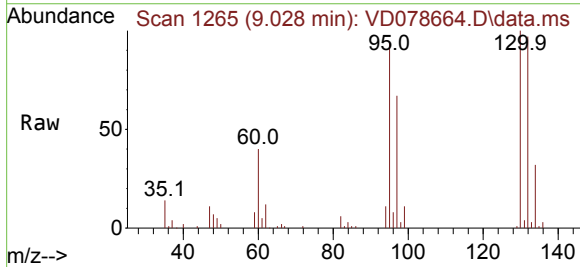
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

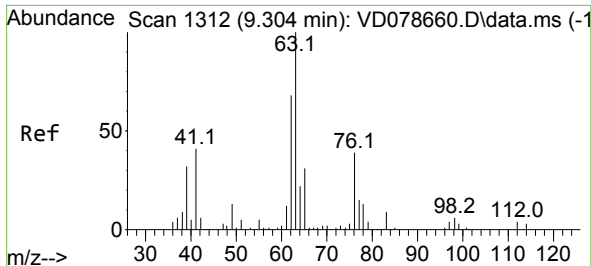
Tgt Ion:	43	Resp:	65168
Ion	Ratio	Lower	Upper
43	100		
61	36.1	30.1	45.1
87	17.7	14.4	21.6



#44
Trichloroethene
Concen: 47.254 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:	130	Resp:	87407
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	197.8

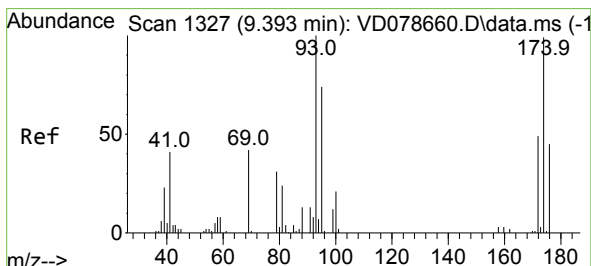
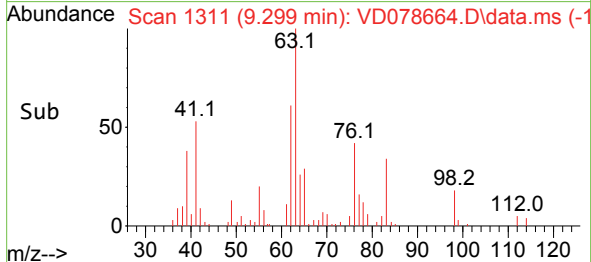
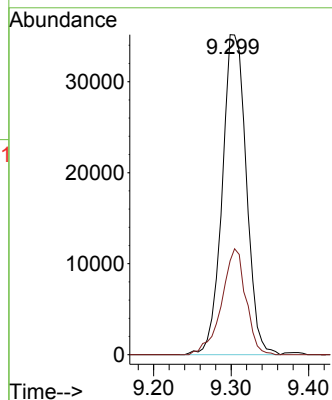
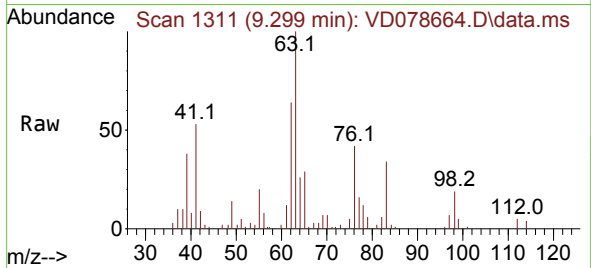




#45
1,2-Dichloropropane
Concen: 47.061 ug/l
RT: 9.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

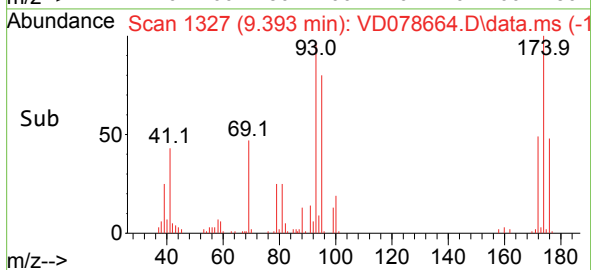
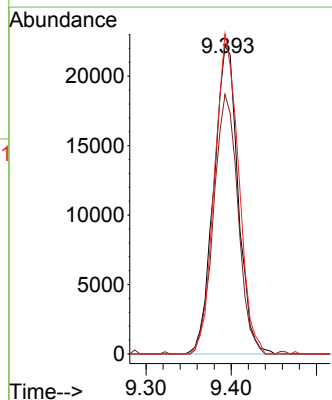
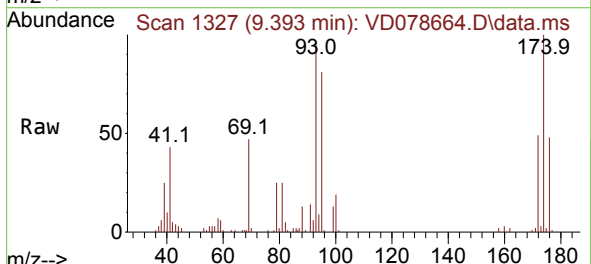
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

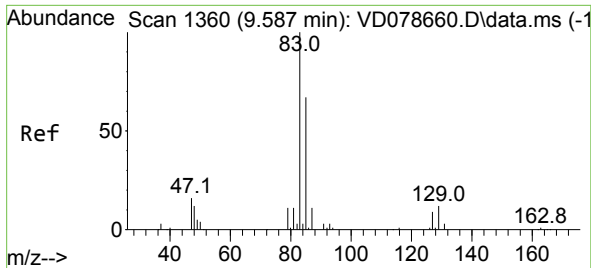
Tgt Ion: 63 Resp: 76092
Ion Ratio Lower Upper
63 100
65 29.4 24.8 37.2



#46
Dibromomethane
Concen: 45.527 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 93 Resp: 44127
Ion Ratio Lower Upper
93 100
95 84.1 67.3 100.9
174 102.4 80.9 121.3

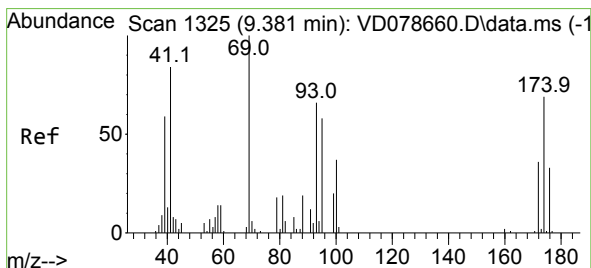
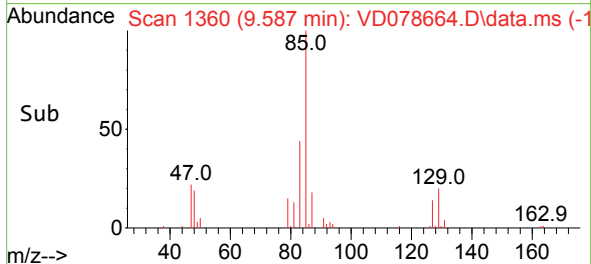
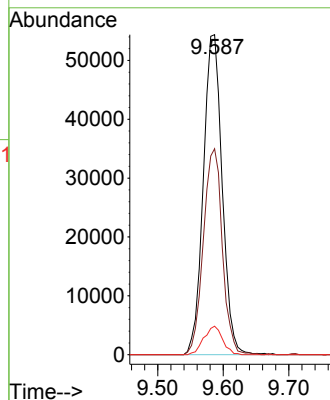
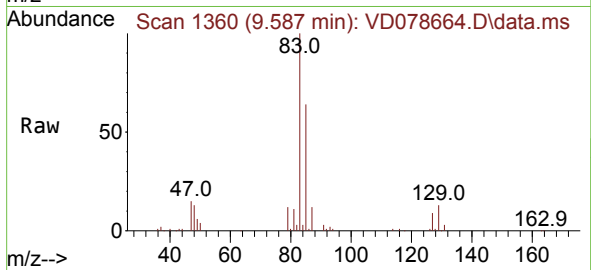




#47
Bromodichloromethane
Concen: 47.186 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

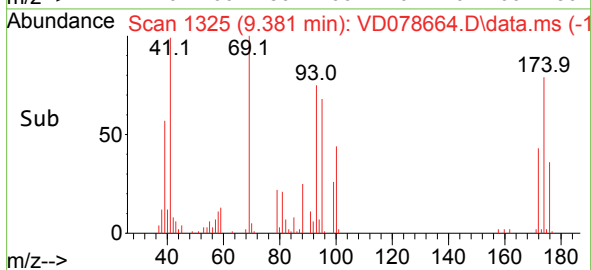
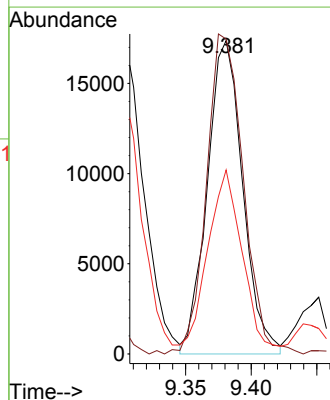
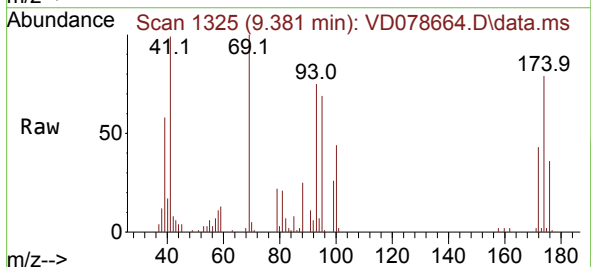
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

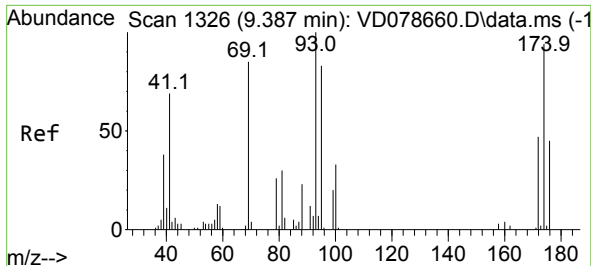
Tgt Ion: 83 Resp: 108875
Ion Ratio Lower Upper
83 100
85 64.4 54.0 81.0
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 50.061 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 41 Resp: 32676
Ion Ratio Lower Upper
41 100
69 105.6 88.3 132.5
39 53.7 46.6 69.8





#49

1,4-Dioxane

Concen: 948.390 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

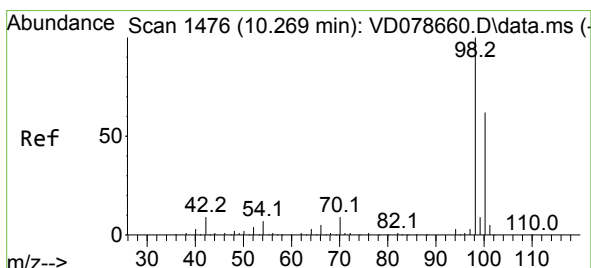
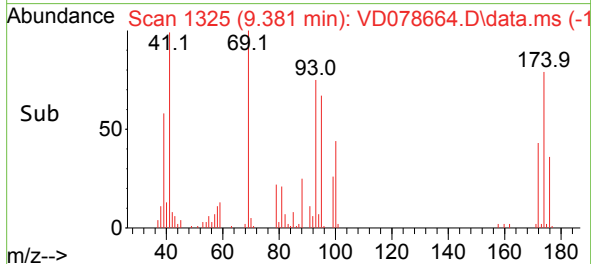
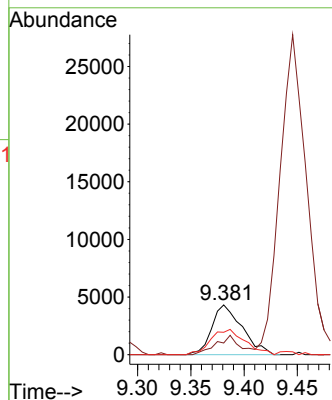
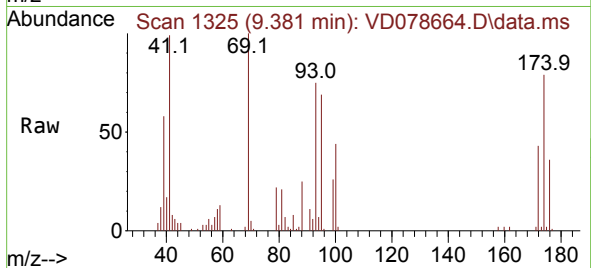
Tgt Ion: 88 Resp: 8511

Ion Ratio Lower Upper

88 100

43 31.3 23.2 34.8

58 57.5 51.0 76.6



#50

Toluene-d8

Concen: 53.631 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078664.D

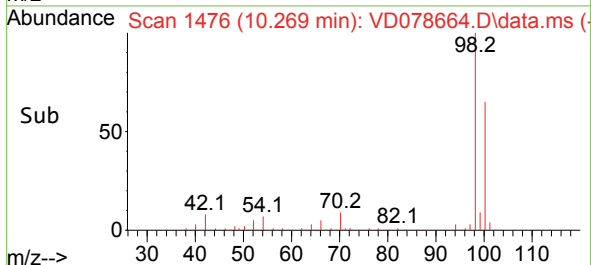
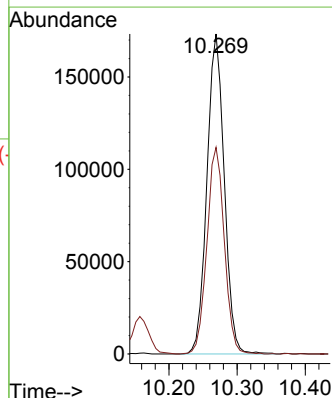
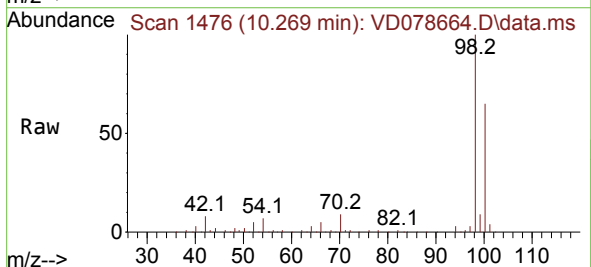
Acq: 14 Mar 2024 13:22

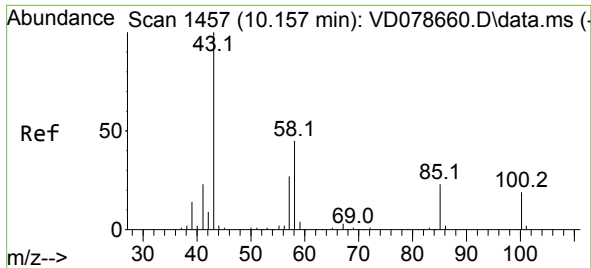
Tgt Ion: 98 Resp: 306514

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

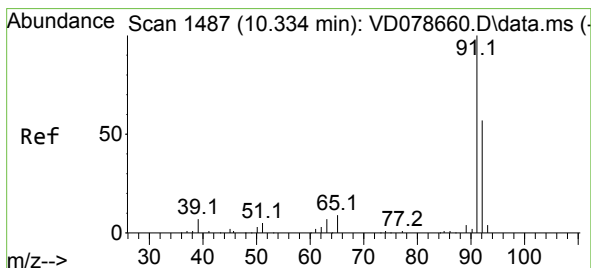
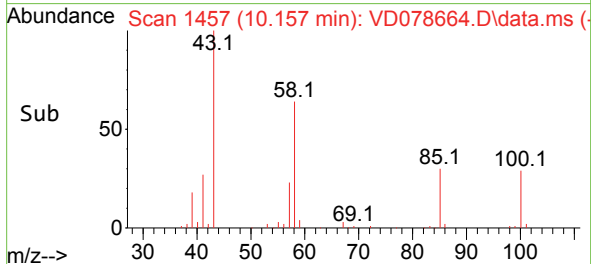
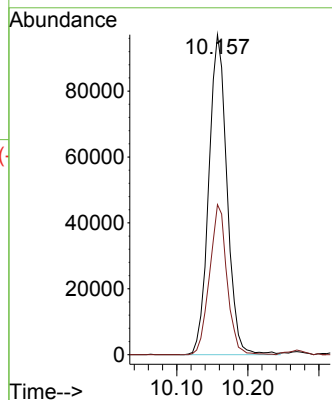
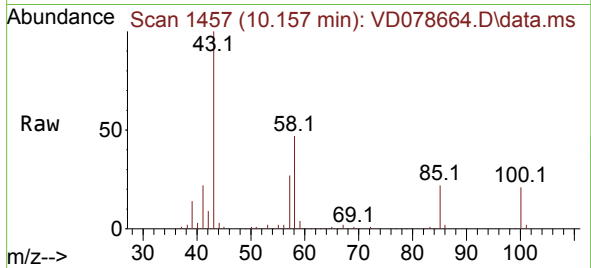




#51
4-Methyl-2-Pentanone
Concen: 247.026 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

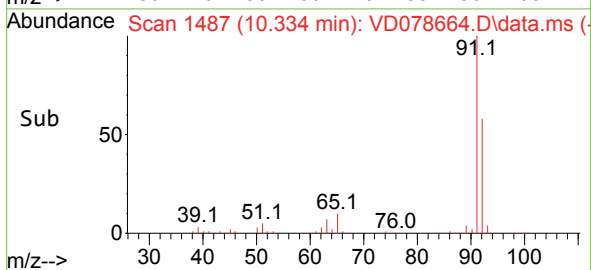
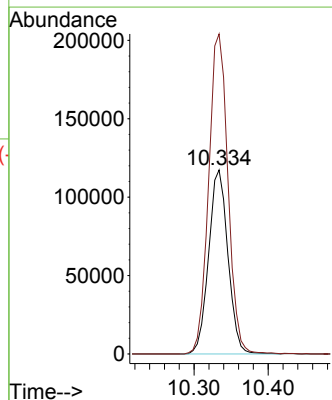
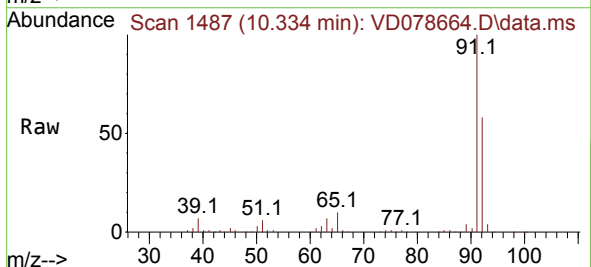
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

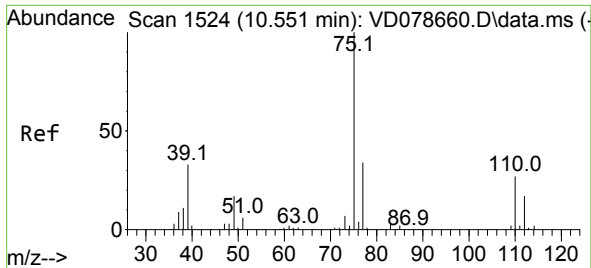
Tgt Ion: 43 Resp: 173002
Ion Ratio Lower Upper
43 100
58 44.9 36.4 54.6



#52
Toluene
Concen: 48.285 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 92 Resp: 211884
Ion Ratio Lower Upper
92 100
91 174.2 136.6 205.0

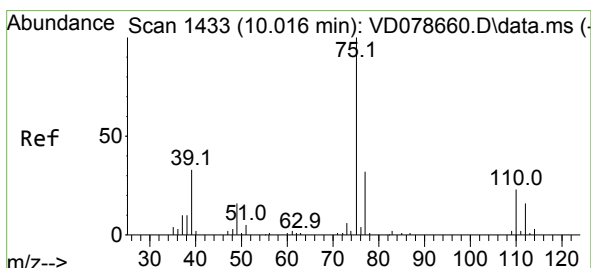
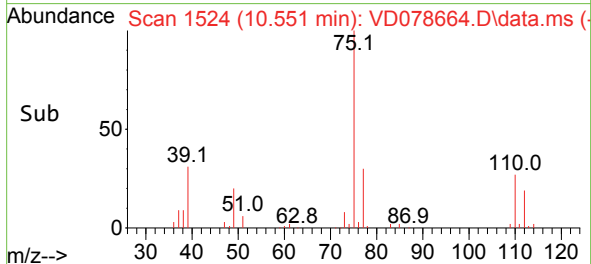
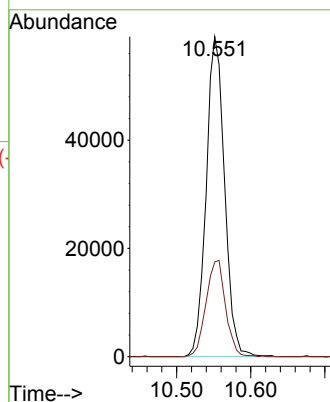
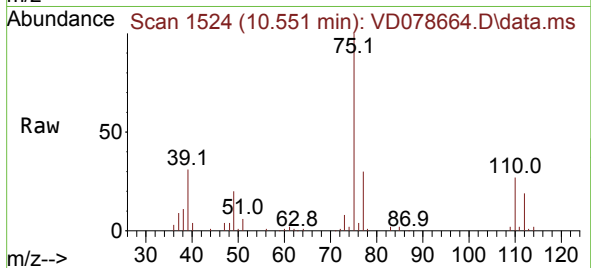




#53
t-1,3-Dichloropropene
Concen: 48.329 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

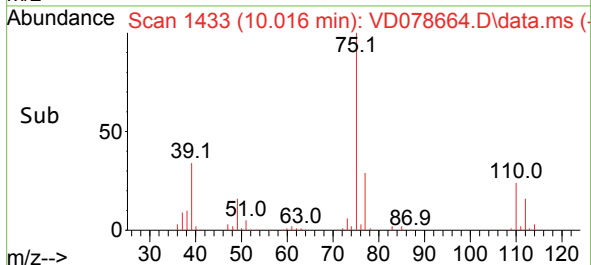
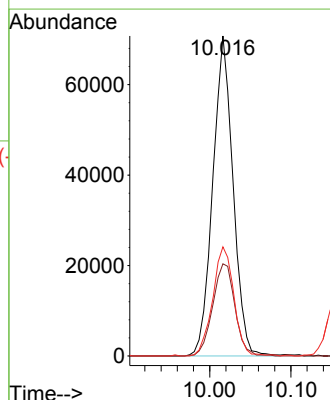
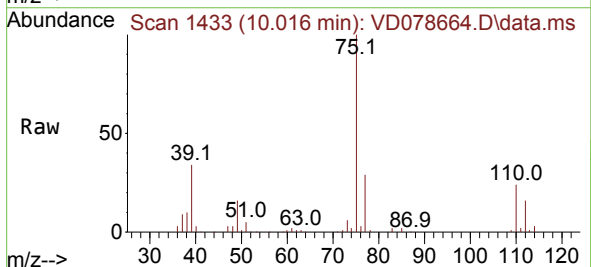
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

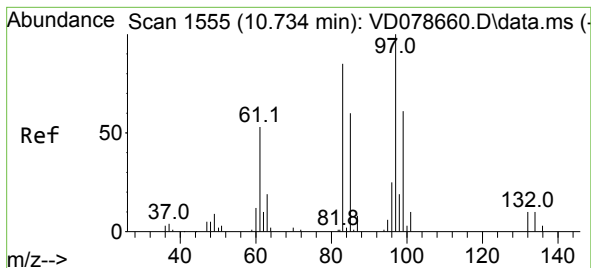
Tgt Ion: 75 Resp: 101957
Ion Ratio Lower Upper
75 100
77 29.6 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 48.405 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 75 Resp: 122760
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0
39 34.1 26.7 40.1



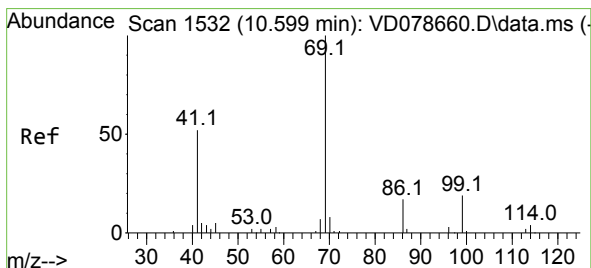
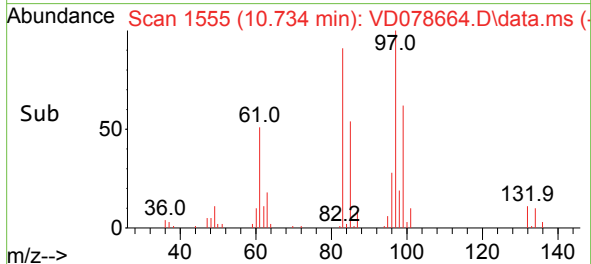
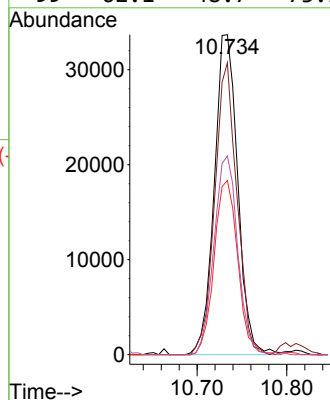
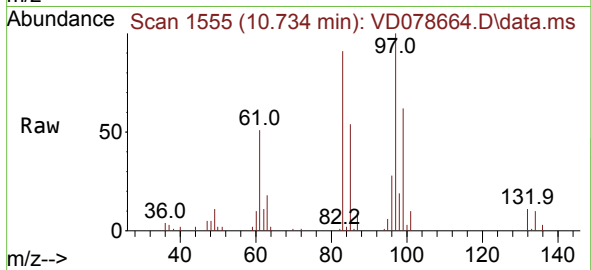


#55
1,1,2-Trichloroethane
Concen: 47.097 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

Tgt Ion: 97 Resp: 61129

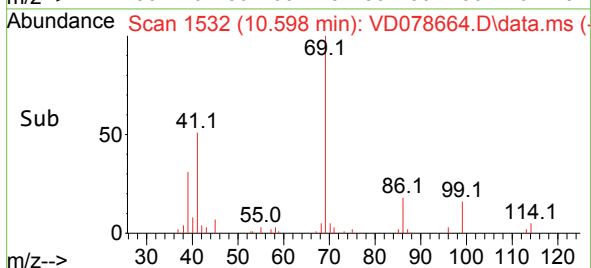
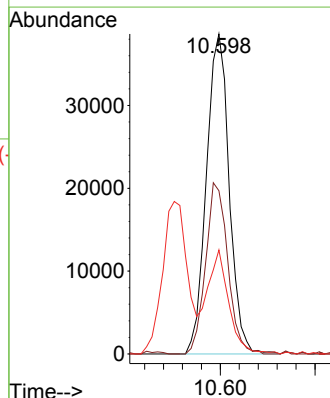
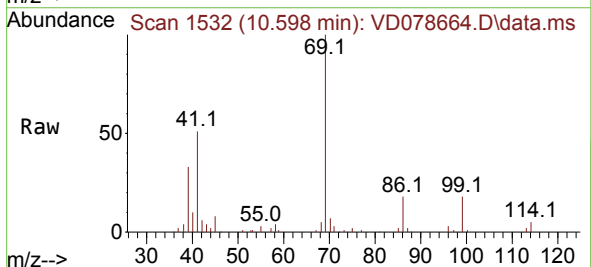
Ion	Ratio	Lower	Upper
97	100		
83	91.2	68.1	102.1
85	54.5	48.2	72.2
99	62.1	48.7	73.1

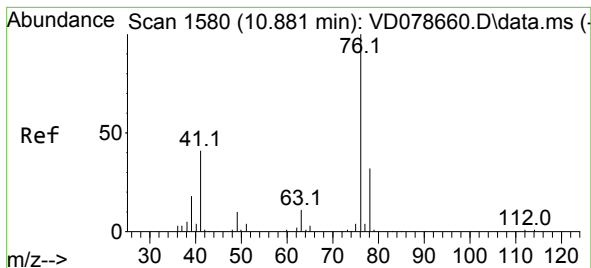


#56
Ethyl methacrylate
Concen: 49.702 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 69 Resp: 64670

Ion	Ratio	Lower	Upper
69	100		
41	51.9	40.9	61.3
39	31.1	25.5	38.3

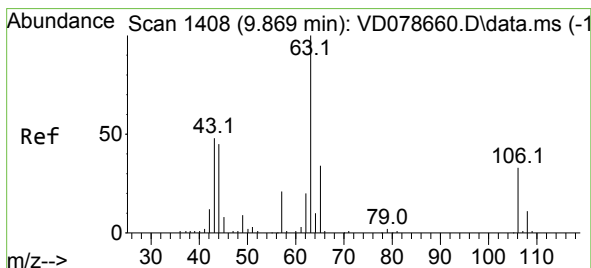
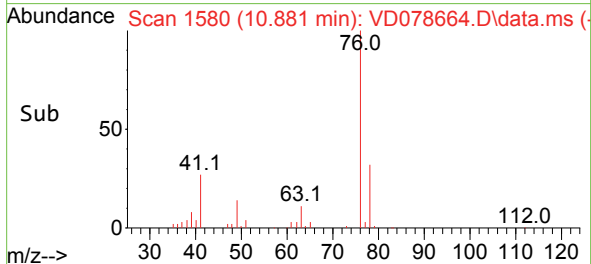
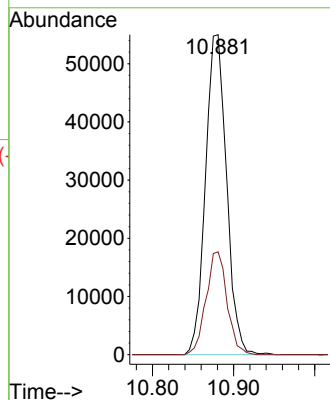
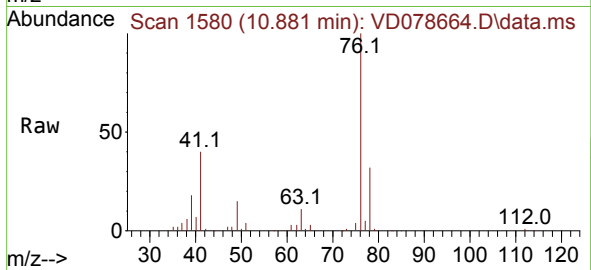




#57
1,3-Dichloropropane
Concen: 47.323 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

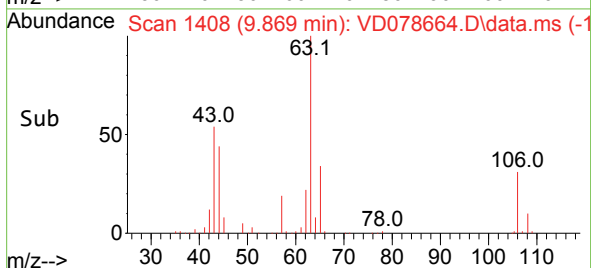
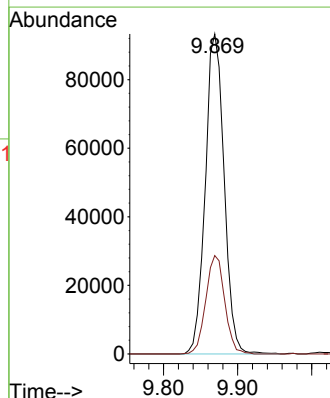
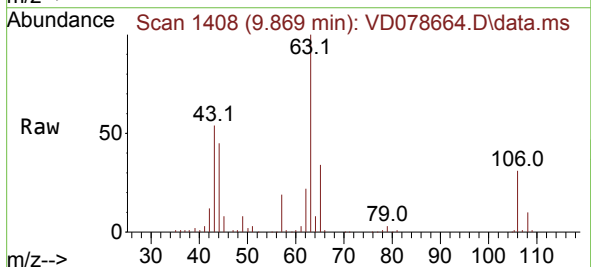
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

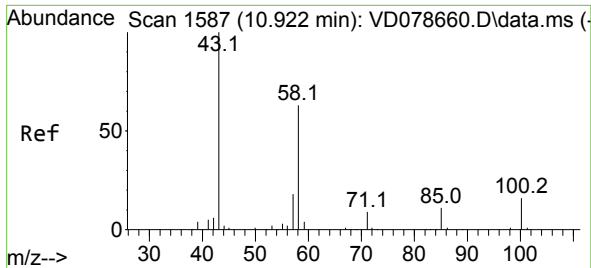
Tgt Ion: 76 Resp: 99109
Ion Ratio Lower Upper
76 100
78 32.0 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 287.093 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 63 Resp: 164714
Ion Ratio Lower Upper
63 100
106 30.9 25.2 37.8

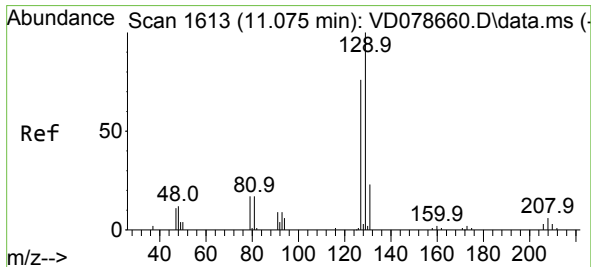
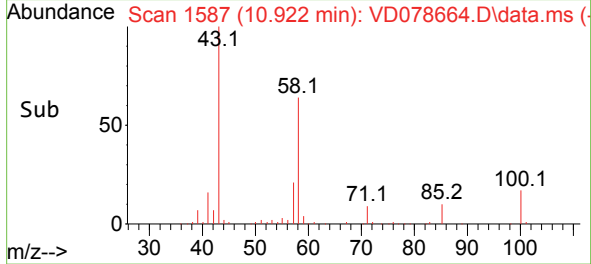
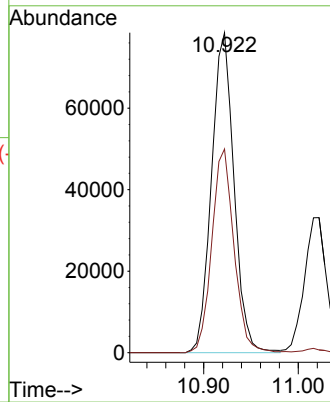
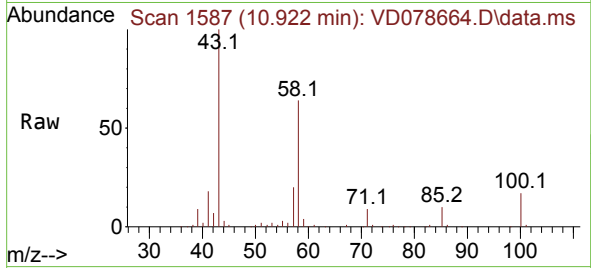




#59
2-Hexanone
Concen: 249.430 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

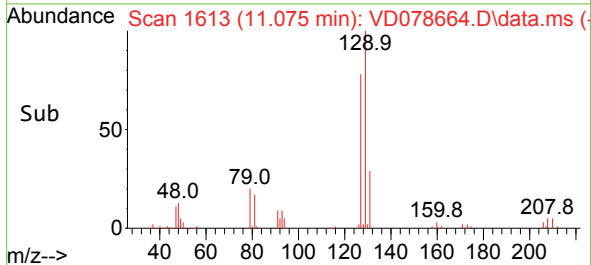
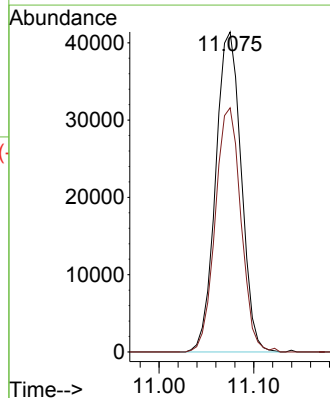
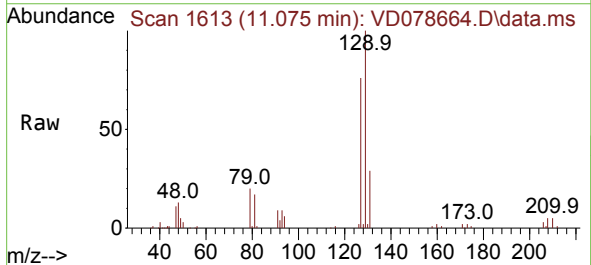
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

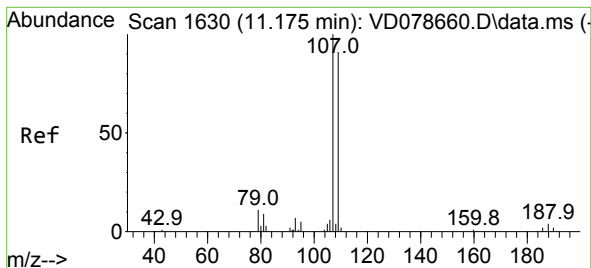
Tgt Ion: 43 Resp: 129496
Ion Ratio Lower Upper
43 100
58 62.8 31.5 94.5



#60
Dibromochloromethane
Concen: 48.542 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:129 Resp: 77698
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 46.149 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

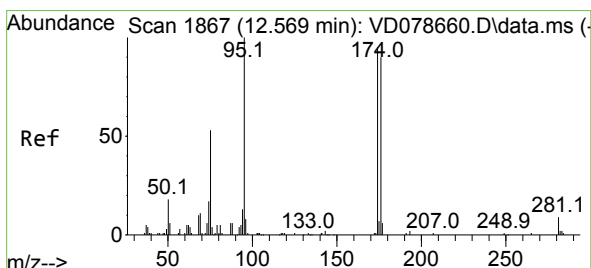
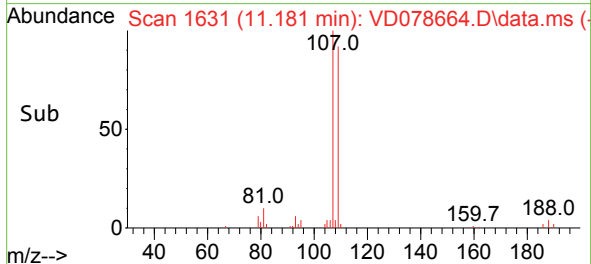
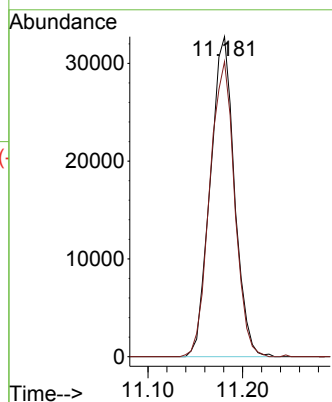
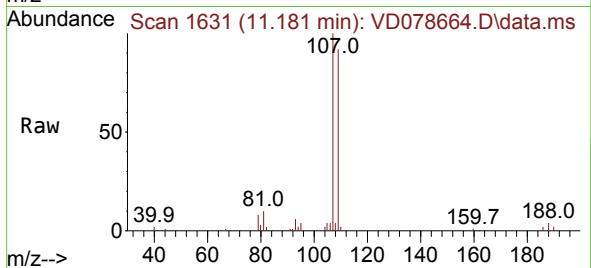
ICVVD031424

Tgt Ion:107 Resp: 57967

Ion Ratio Lower Upper

107 100

109 94.8 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 54.122 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

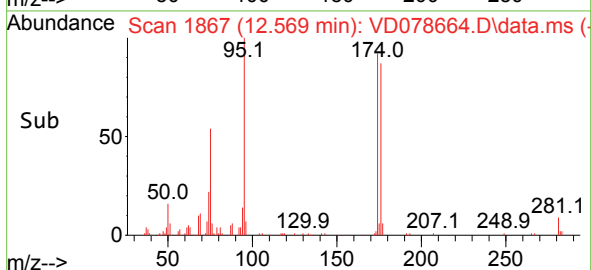
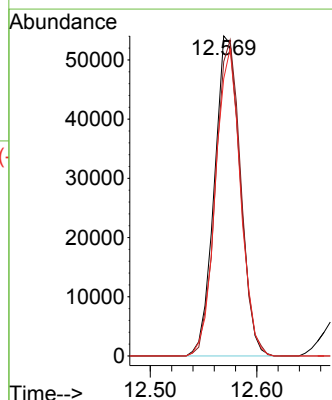
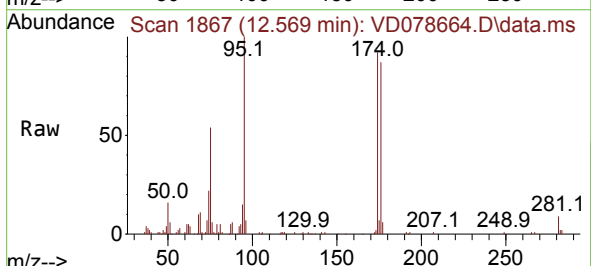
Tgt Ion: 95 Resp: 90494

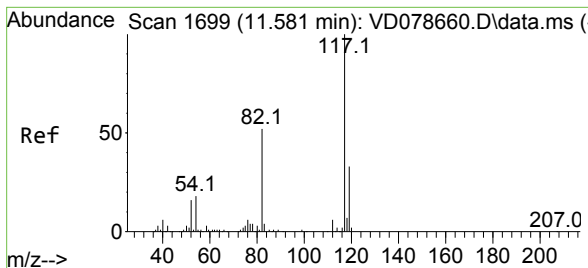
Ion Ratio Lower Upper

95 100

174 96.5 0.0 195.2

176 93.3 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

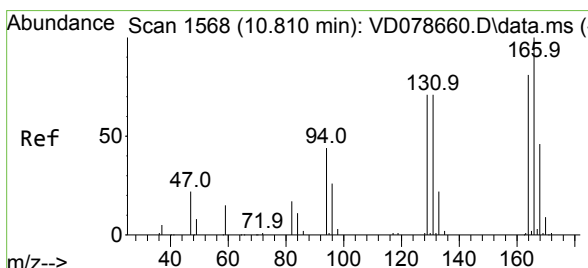
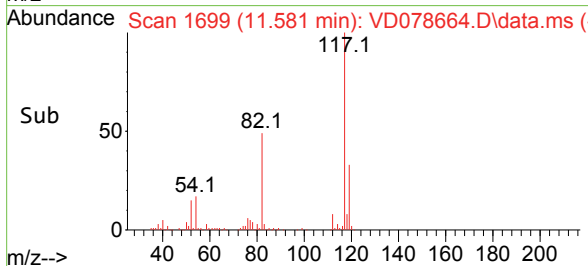
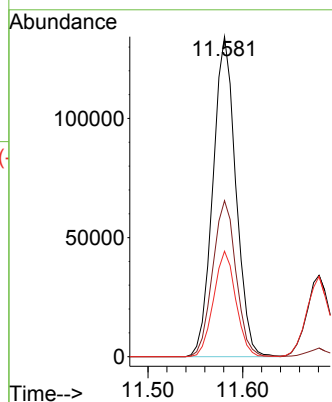
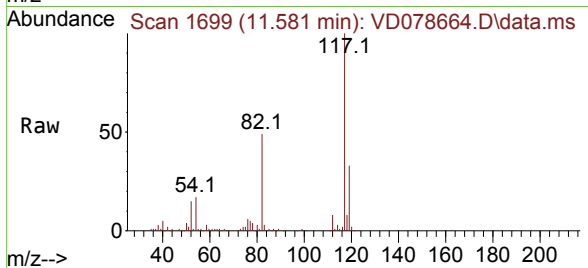
Tgt Ion:117 Resp: 225905

Ion Ratio Lower Upper

117 100

82 48.7 41.4 62.2

119 33.0 26.5 39.7



#64

Tetrachloroethene

Concen: 48.718 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Tgt Ion:164 Resp: 72831

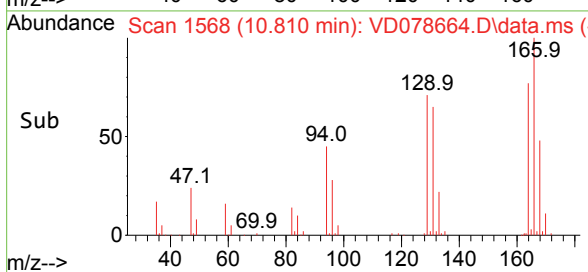
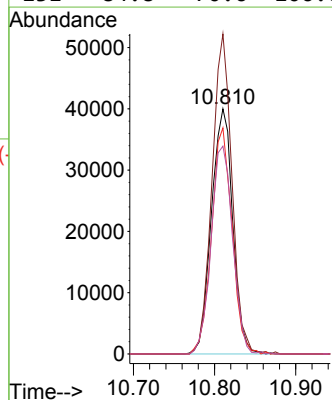
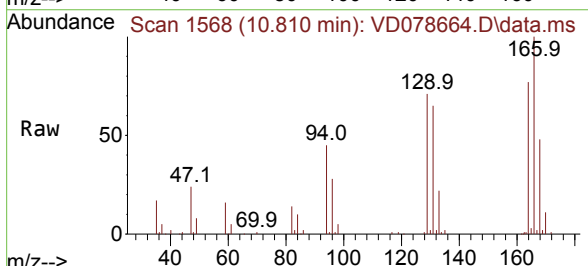
Ion Ratio Lower Upper

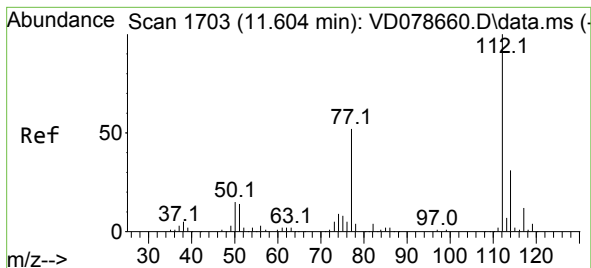
164 100

166 130.6 98.9 148.3

129 92.3 70.3 105.5

131 84.8 70.6 106.0





#65

Chlorobenzene

Concen: 47.840 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

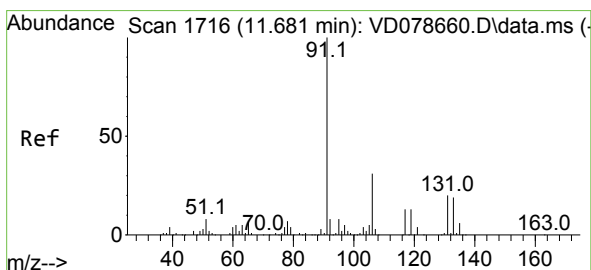
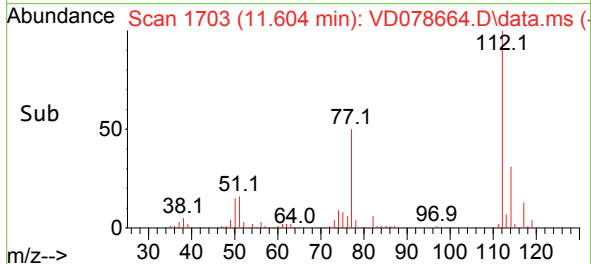
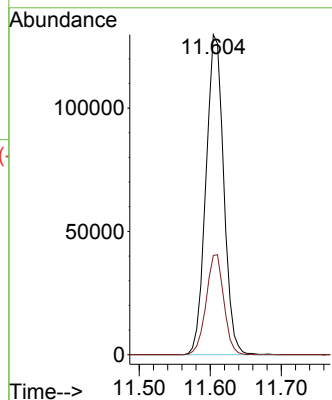
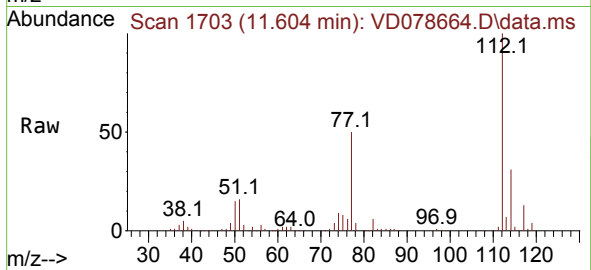
ICVVD031424

Tgt Ion:112 Resp: 225839

Ion Ratio Lower Upper

112 100

114 31.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.338 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

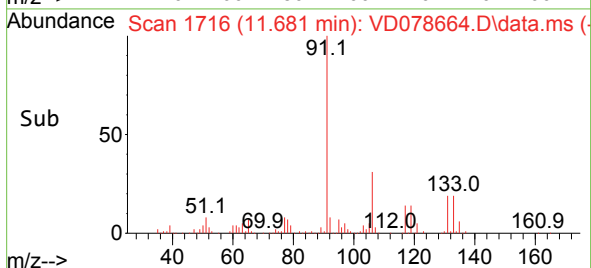
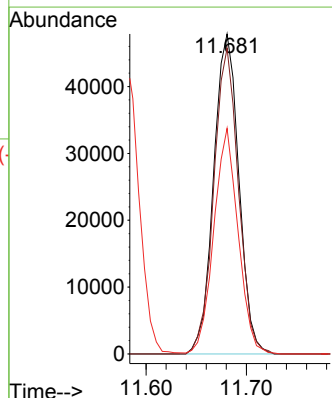
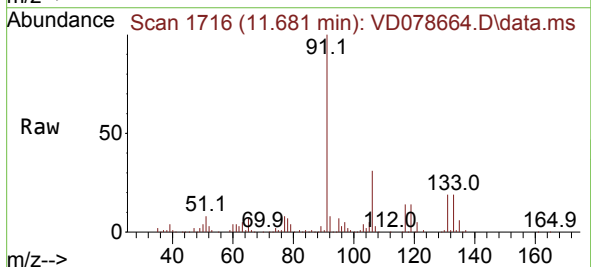
Tgt Ion:131 Resp: 83570

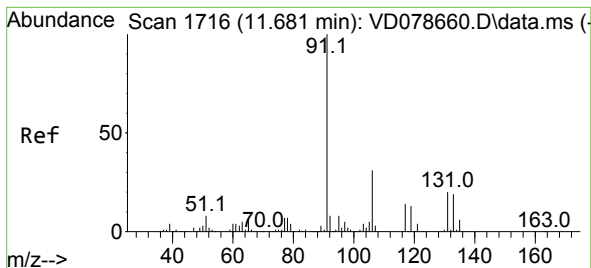
Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.9

119 68.2 34.1 102.3





#67

Ethyl Benzene

Concen: 49.789 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

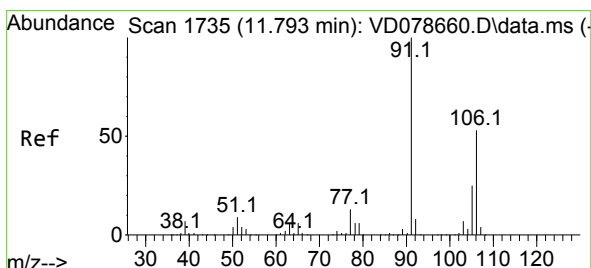
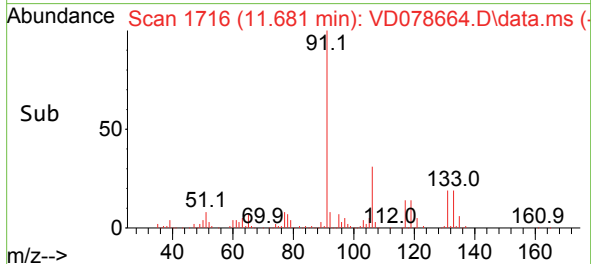
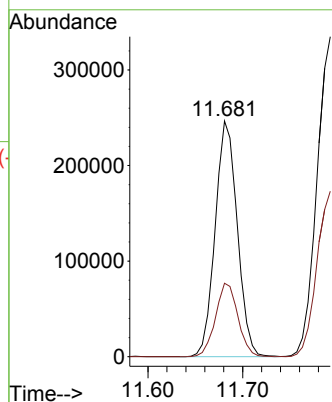
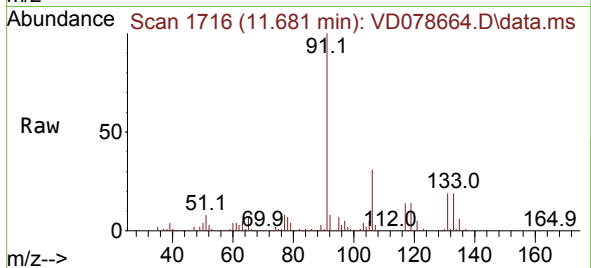
ICVVD031424

Tgt Ion: 91 Resp: 400519

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 99.299 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078664.D

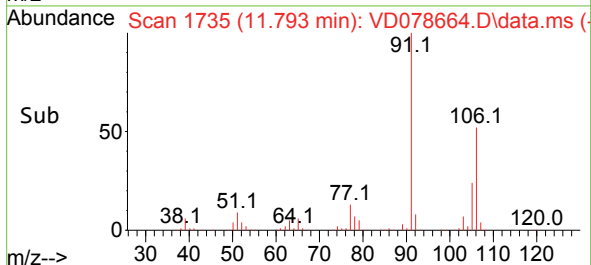
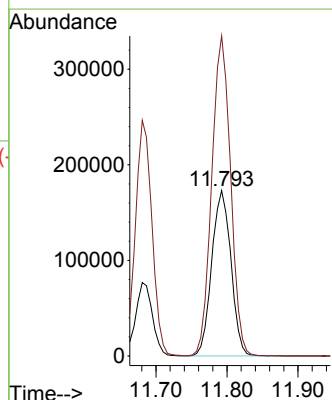
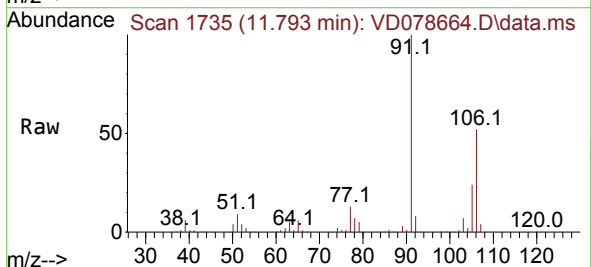
Acq: 14 Mar 2024 13:22

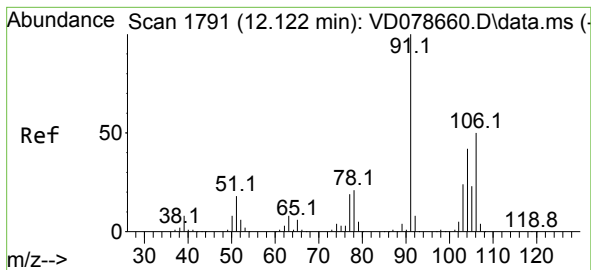
Tgt Ion:106 Resp: 324369

Ion Ratio Lower Upper

106 100

91 190.1 154.4 231.6





#69

o-Xylene

Concen: 49.635 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

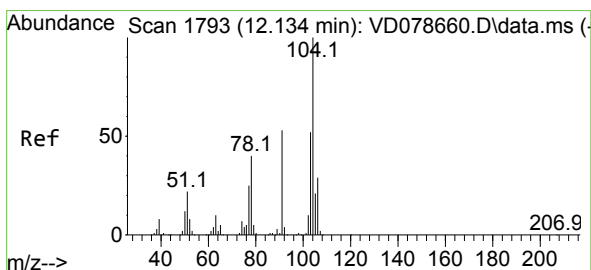
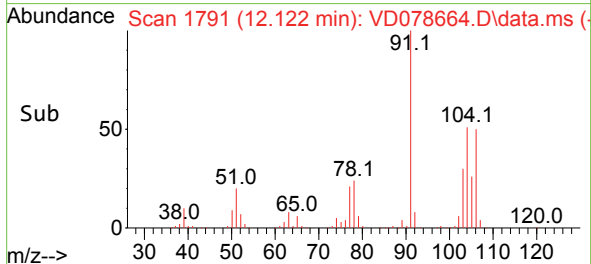
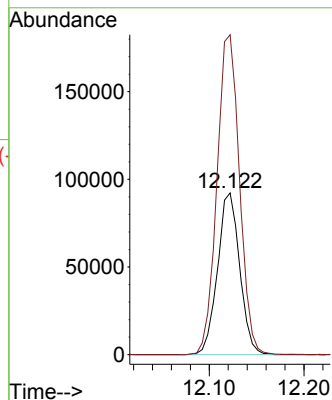
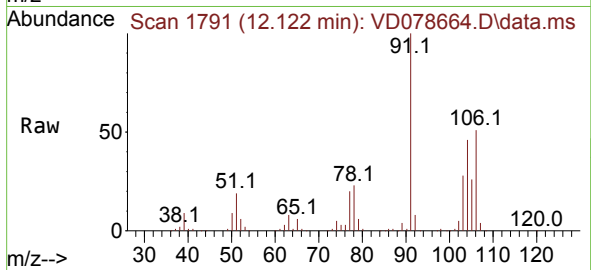
ICVVD031424

Tgt Ion:106 Resp: 150013

Ion Ratio Lower Upper

106 100

91 201.6 99.6 298.7



#70

Styrene

Concen: 50.691 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

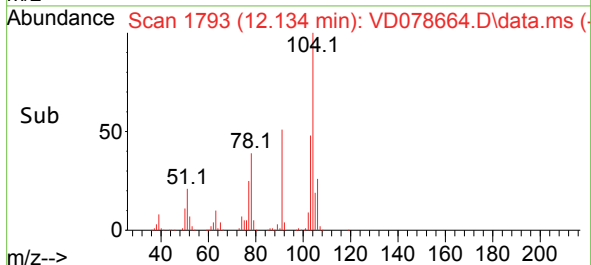
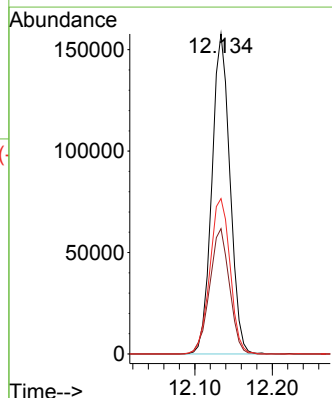
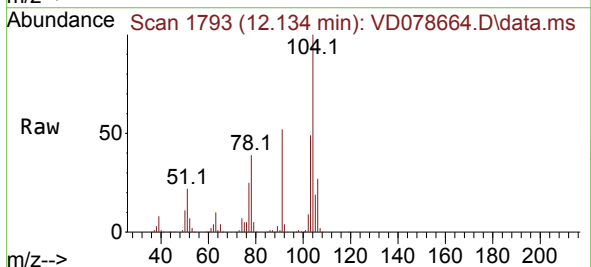
Tgt Ion:104 Resp: 257146

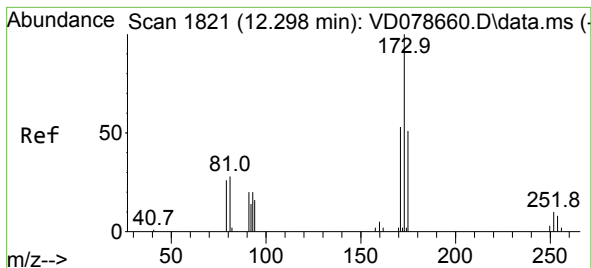
Ion Ratio Lower Upper

104 100

78 42.7 34.6 52.0

103 54.1 44.2 66.2





#71

Bromoform

Concen: 47.969 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

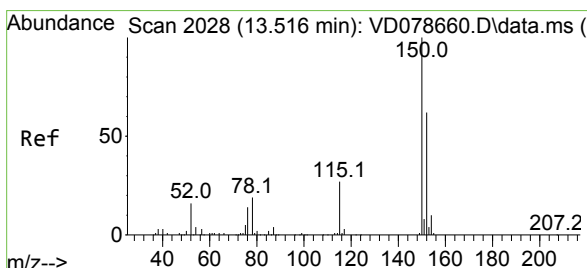
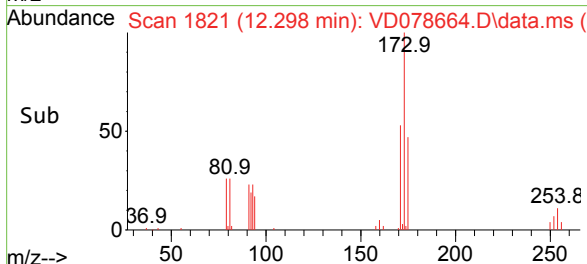
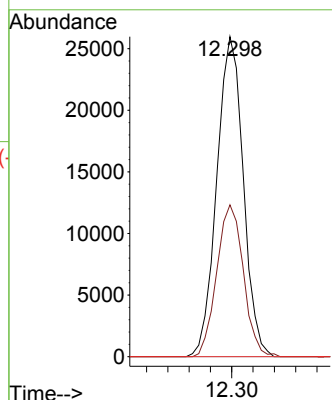
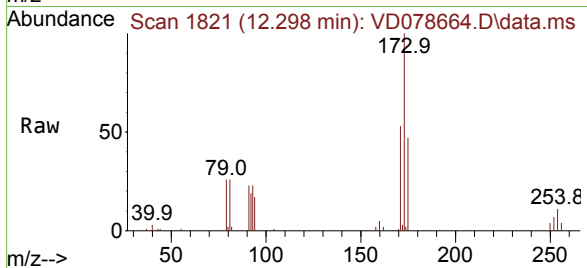
Tgt Ion:173 Resp: 44818

Ion Ratio Lower Upper

173 100

175 47.7 25.8 77.4

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: VD078664.D

Acq: 14 Mar 2024 13:22

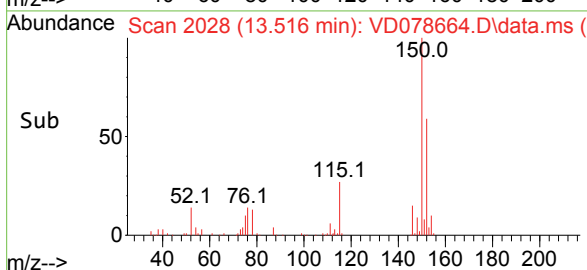
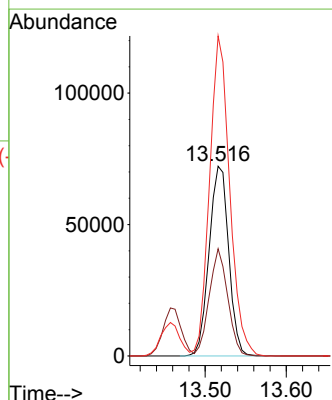
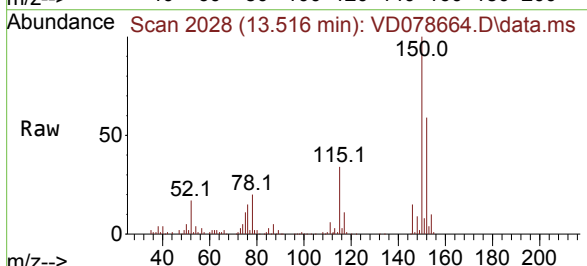
Tgt Ion:152 Resp: 120826

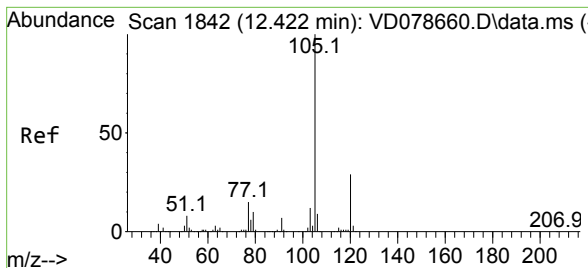
Ion Ratio Lower Upper

152 100

115 53.3 27.1 81.2

150 173.3 0.0 350.2





#73

Isopropylbenzene

Concen: 48.533 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

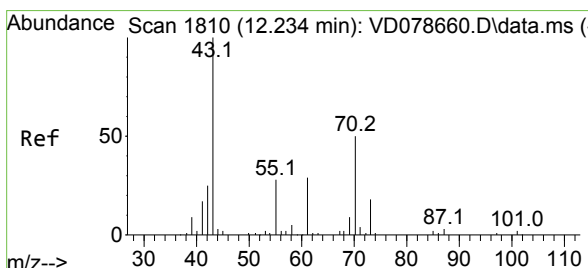
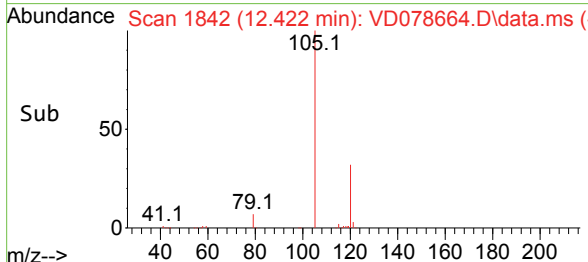
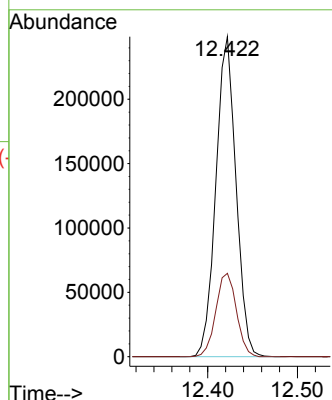
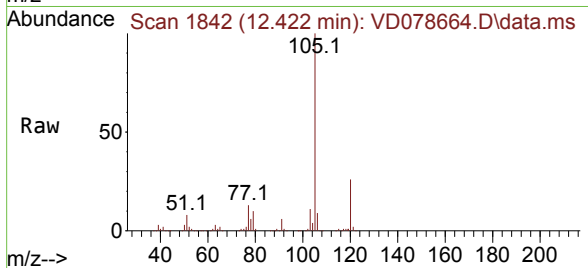
ICVVD031424

Tgt Ion:105 Resp: 386091

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.0



#74

N-ethyl acetate

Concen: 49.612 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Tgt Ion: 43 Resp: 64079

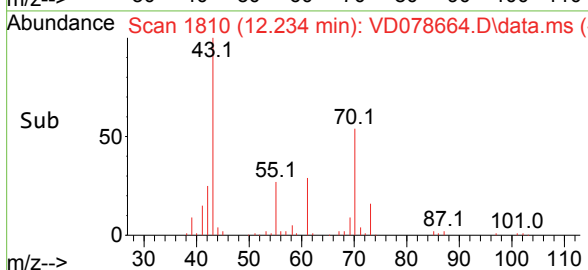
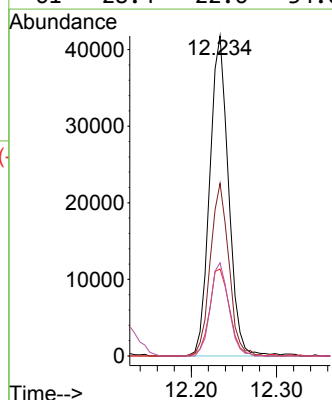
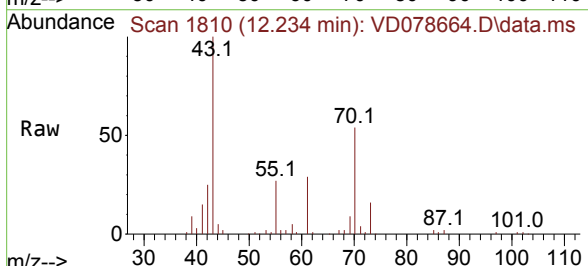
Ion Ratio Lower Upper

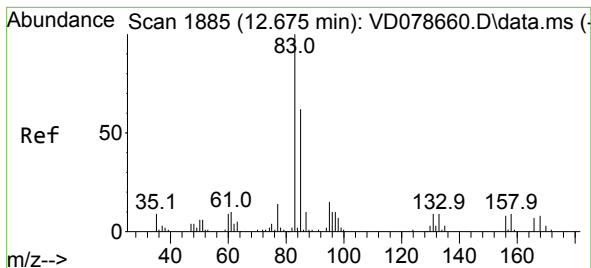
43 100

70 53.1 42.1 63.1

55 28.9 22.6 33.8

61 28.4 22.6 34.0

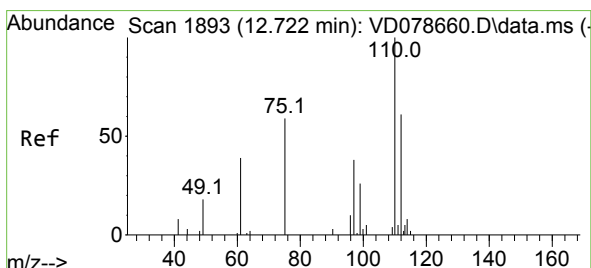
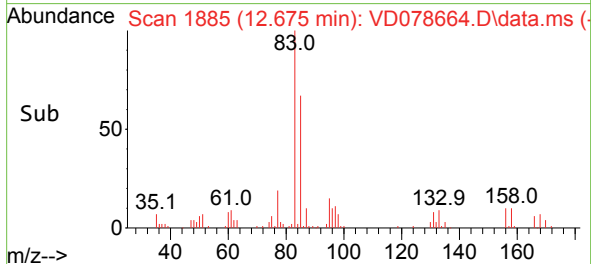
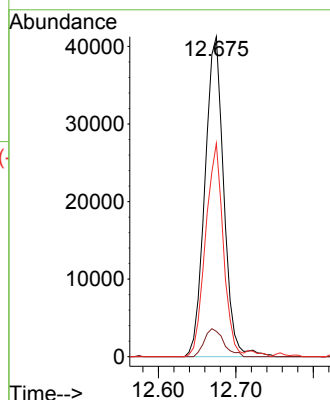
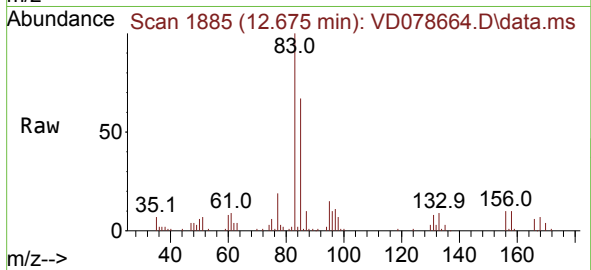




#75
1,1,2,2-Tetrachloroethane
Concen: 47.386 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

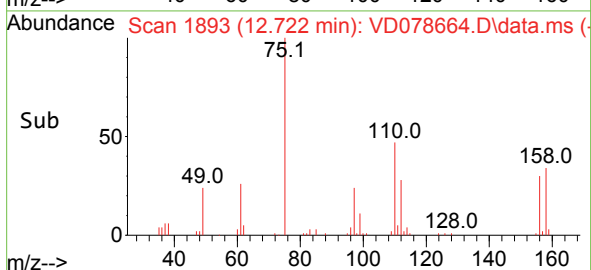
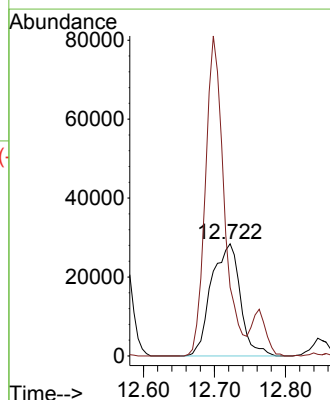
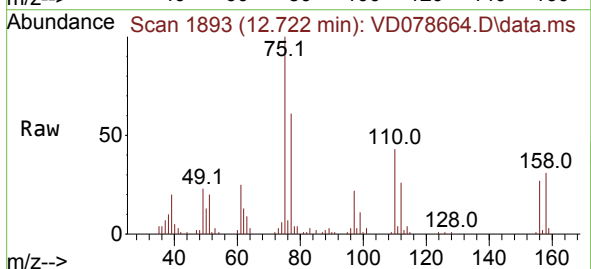
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

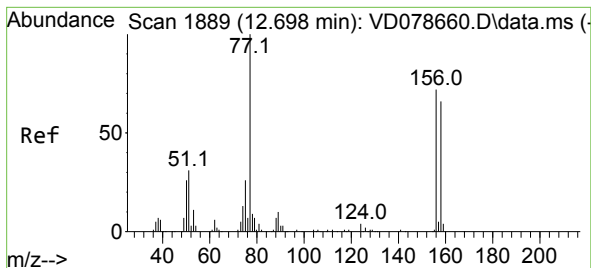
Tgt Ion: 83 Resp: 69784
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 62.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 86.360 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 75 Resp: 80392
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.502 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

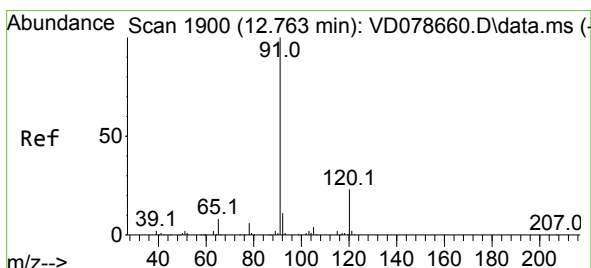
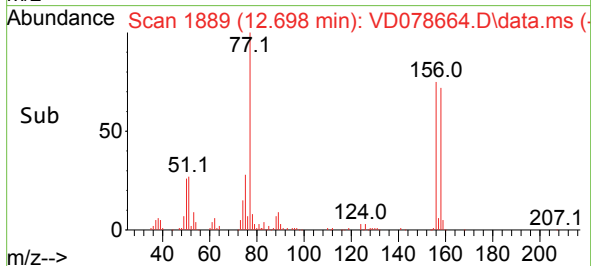
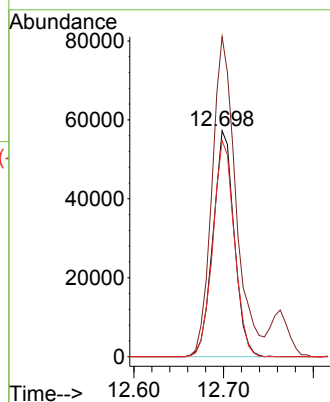
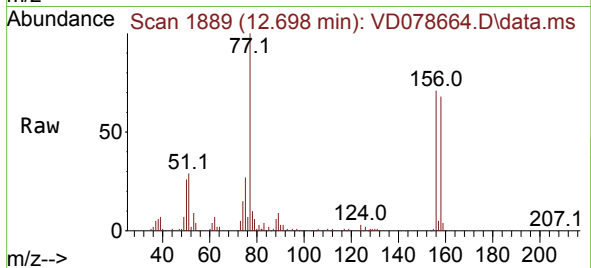
Tgt Ion:156 Resp: 93716

Ion Ratio Lower Upper

156 100

77 159.6 79.1 237.3

158 97.0 47.0 141.0



#78

n-propylbenzene

Concen: 48.534 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078664.D

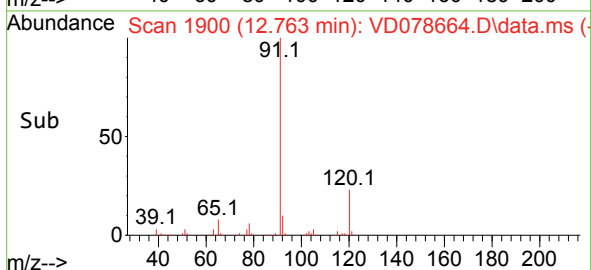
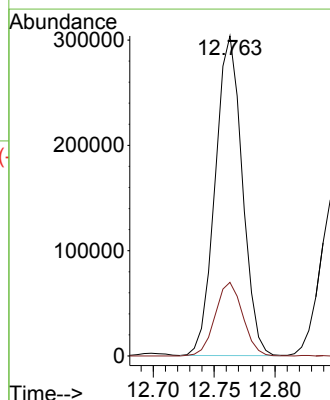
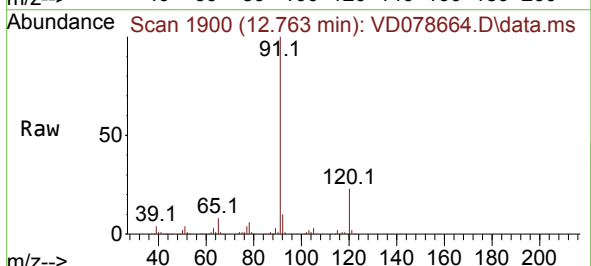
Acq: 14 Mar 2024 13:22

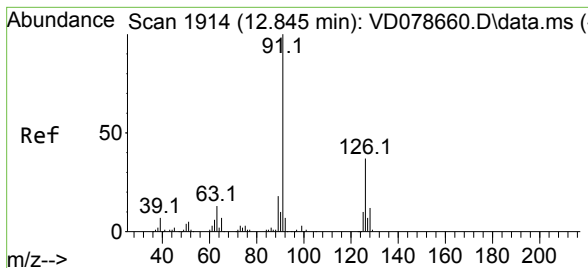
Tgt Ion: 91 Resp: 469973

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1





#79

2-Chlorotoluene

Concen: 46.693 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

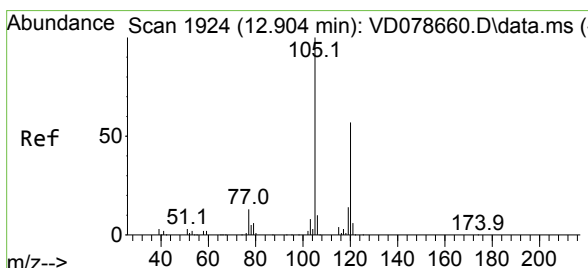
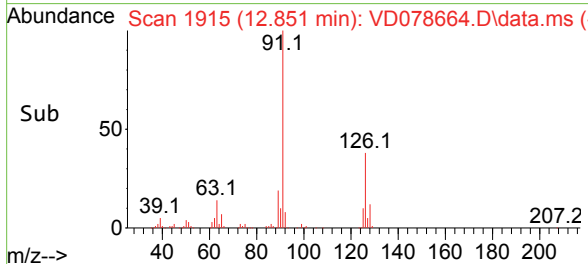
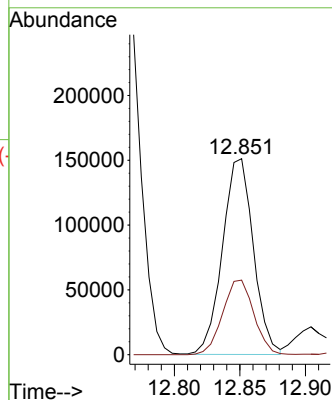
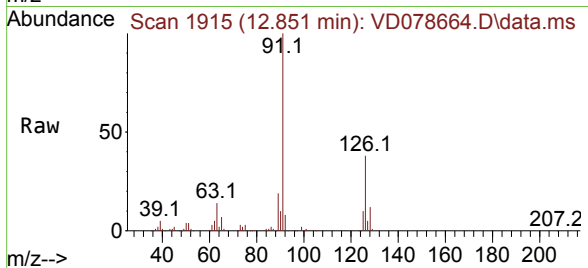
ICVVD031424

Tgt Ion: 91 Resp: 248039

Ion Ratio Lower Upper

91 100

126 38.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 48.879 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078664.D

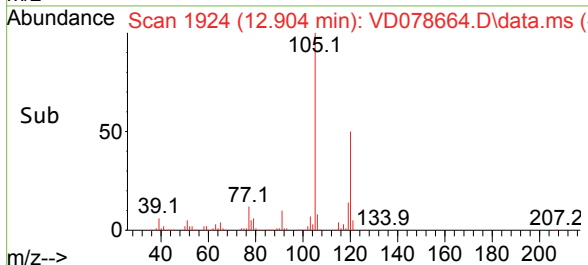
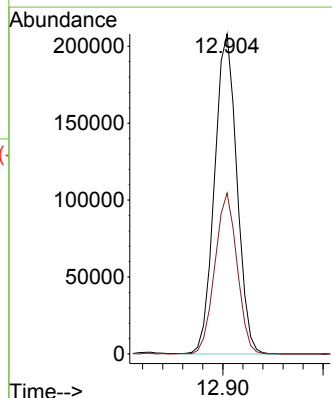
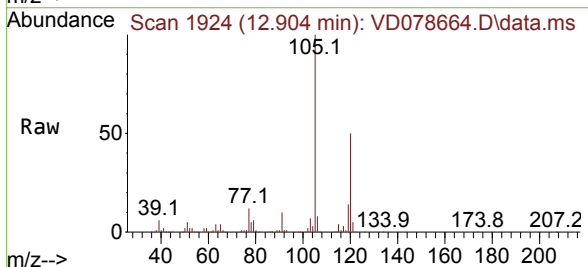
Acq: 14 Mar 2024 13:22

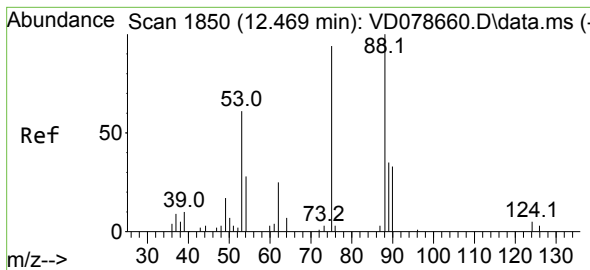
Tgt Ion: 105 Resp: 321554

Ion Ratio Lower Upper

105 100

120 50.1 25.9 77.7

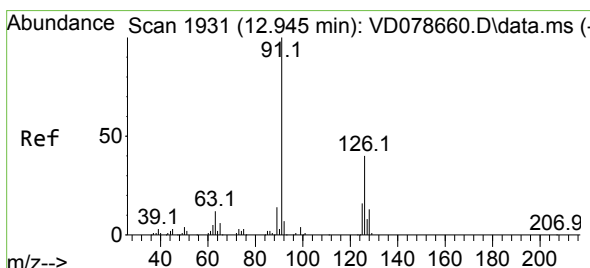
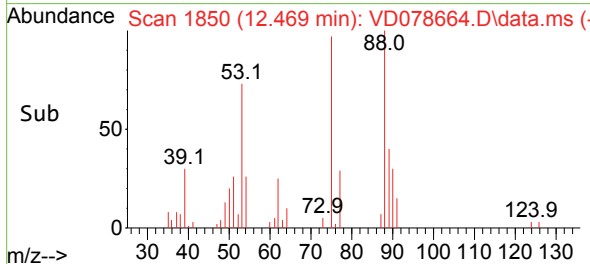
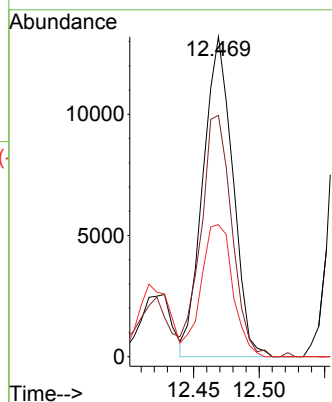
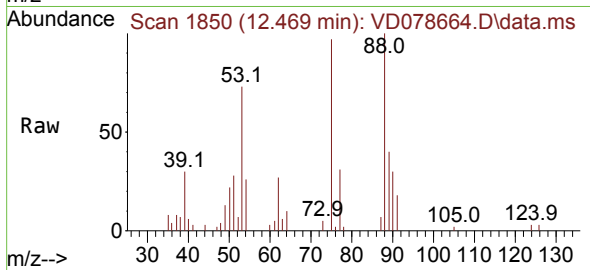




#81
trans-1,4-Dichloro-2-butene
Concen: 46.864 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

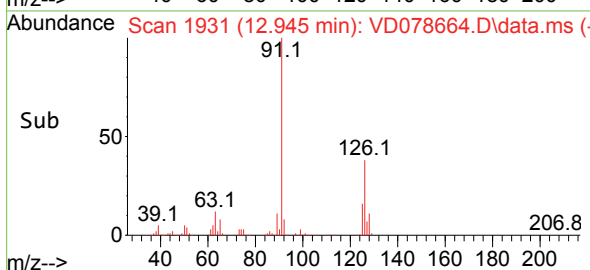
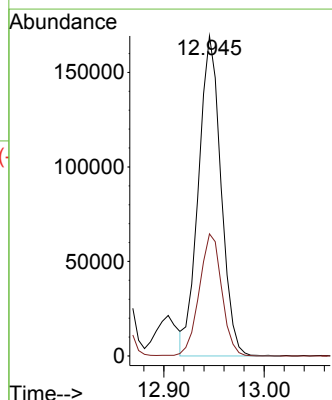
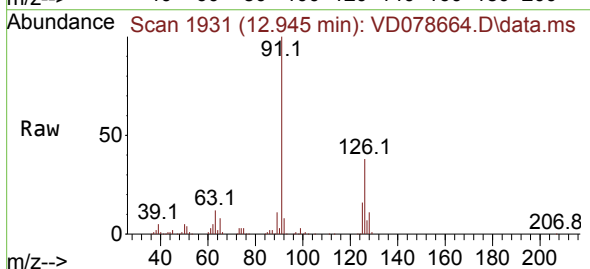
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

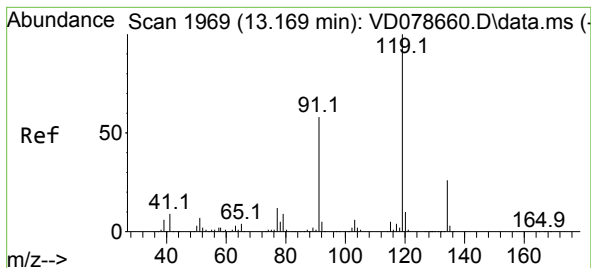
Tgt Ion: 75 Resp: 20812
Ion Ratio Lower Upper
75 100
53 78.0 61.0 91.6
89 44.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 46.986 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion: 91 Resp: 263999
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.5





#83

tert-Butylbenzene

Concen: 50.037 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

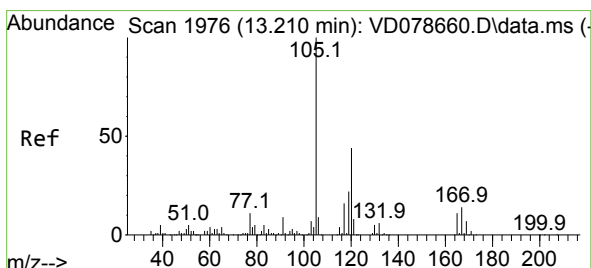
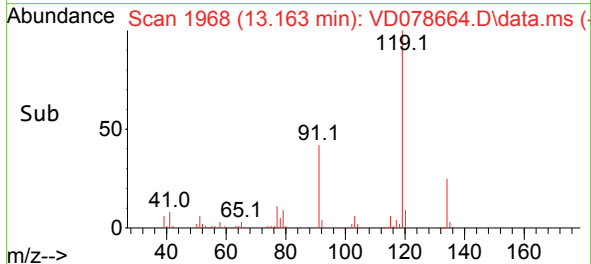
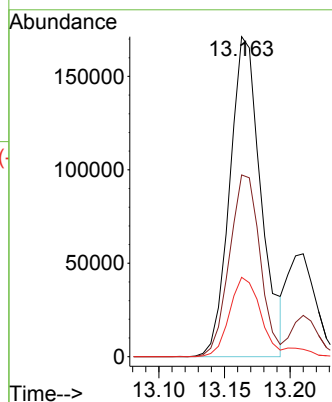
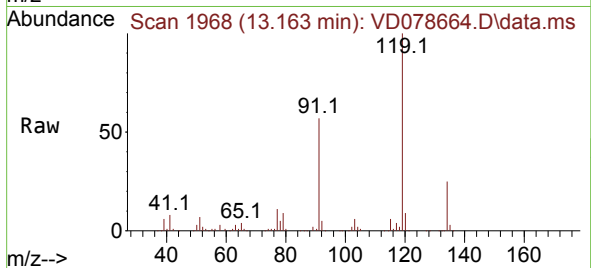
Tgt Ion:119 Resp: 283831

Ion Ratio Lower Upper

119 100

91 55.9 28.9 86.7

134 26.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.052 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078664.D

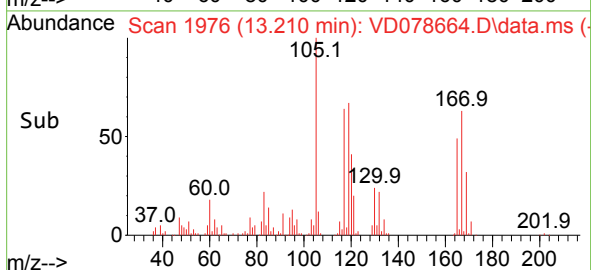
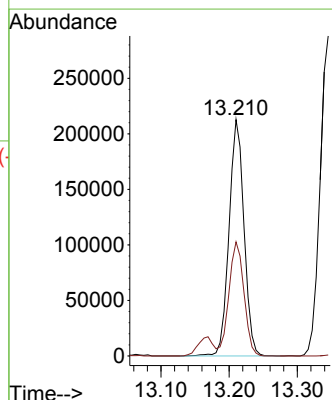
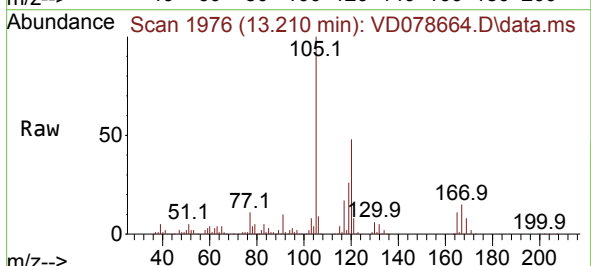
Acq: 14 Mar 2024 13:22

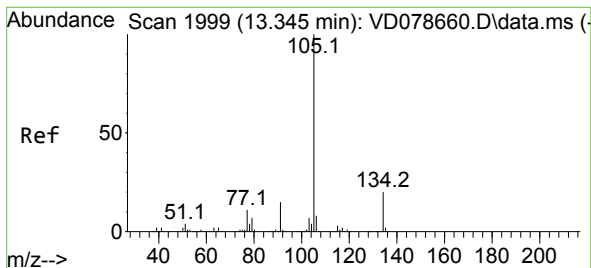
Tgt Ion:105 Resp: 325193

Ion Ratio Lower Upper

105 100

120 48.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.531 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

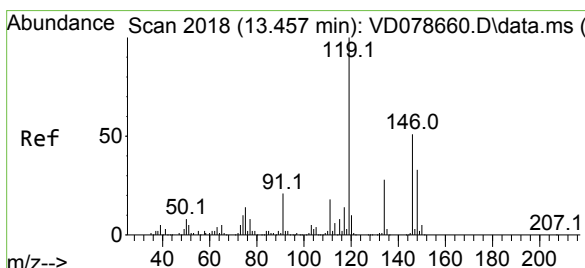
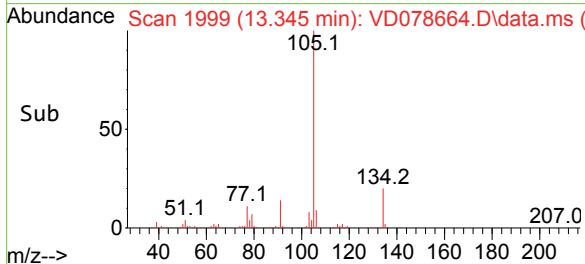
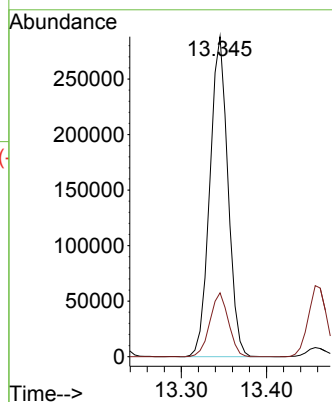
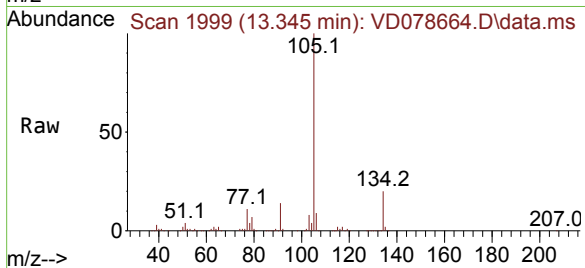
ICVVD031424

Tgt Ion:105 Resp: 425185

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 49.807 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

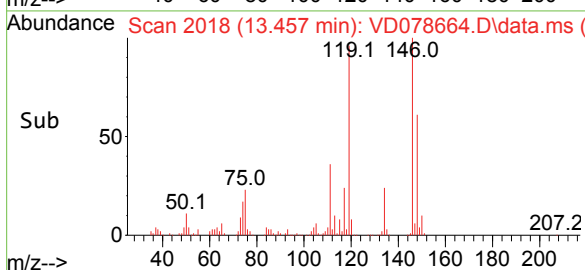
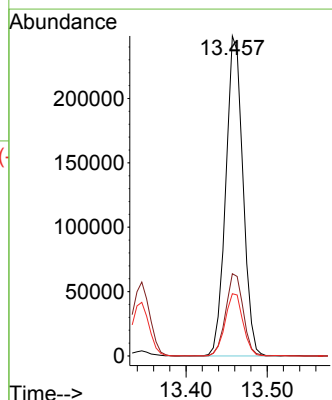
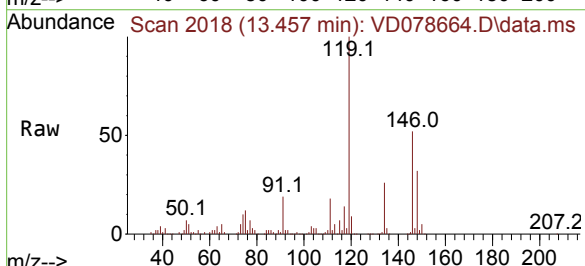
Tgt Ion:119 Resp: 366012

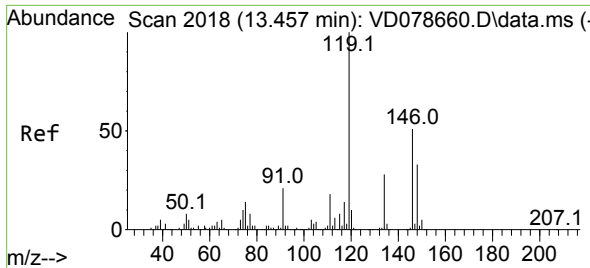
Ion Ratio Lower Upper

119 100

134 26.1 13.5 40.5

91 20.4 10.4 31.2

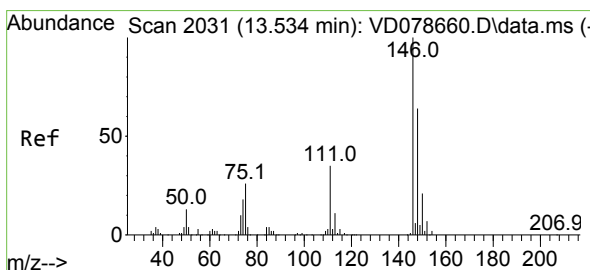
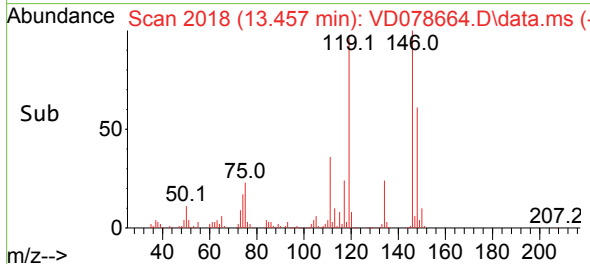
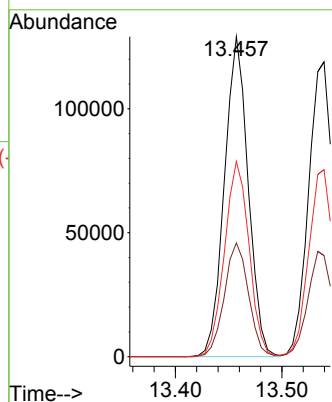
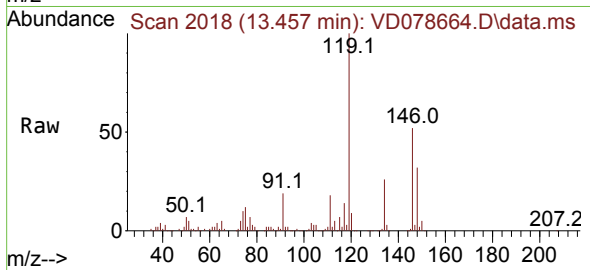




#87
1,3-Dichlorobenzene
Concen: 48.014 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

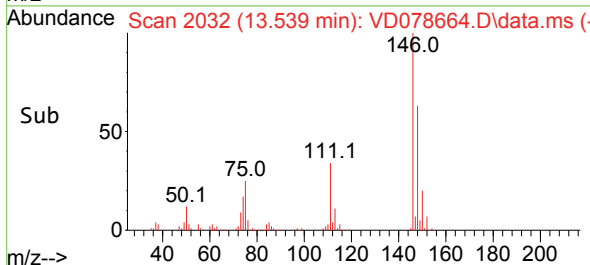
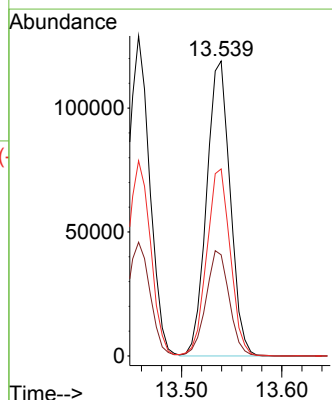
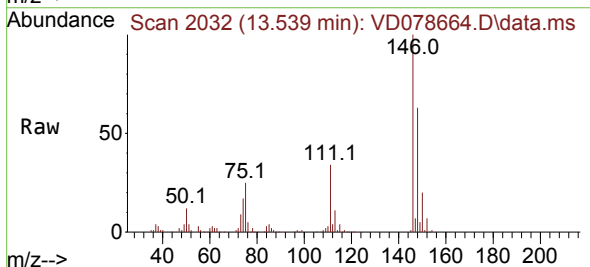
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

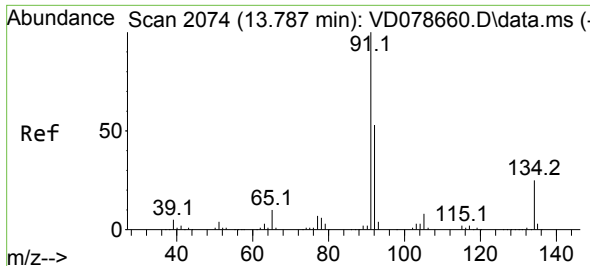
Tgt Ion:146 Resp: 199895
Ion Ratio Lower Upper
146 100
111 36.3 18.2 54.6
148 63.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 47.333 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:146 Resp: 194208
Ion Ratio Lower Upper
146 100
111 35.3 17.8 53.3
148 63.6 32.4 97.0

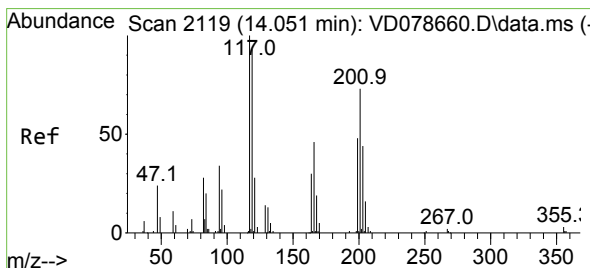
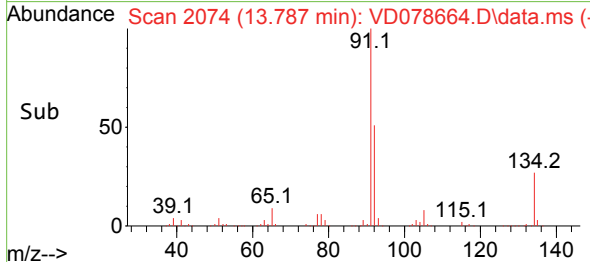
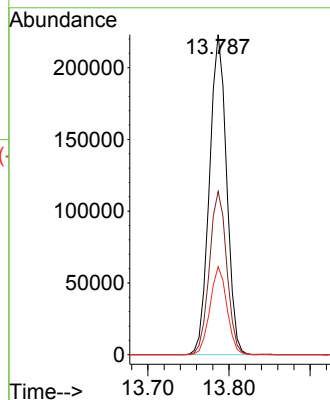
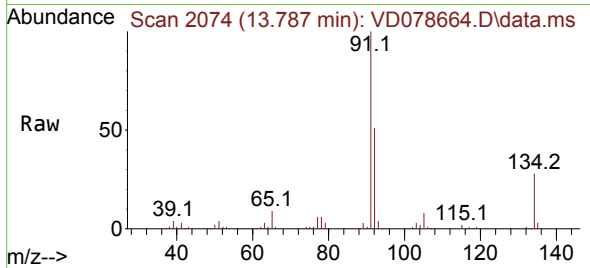




#89
n-Butylbenzene
Concen: 49.348 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

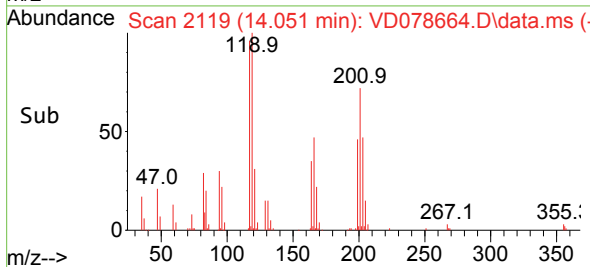
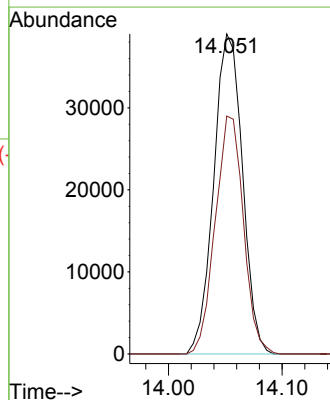
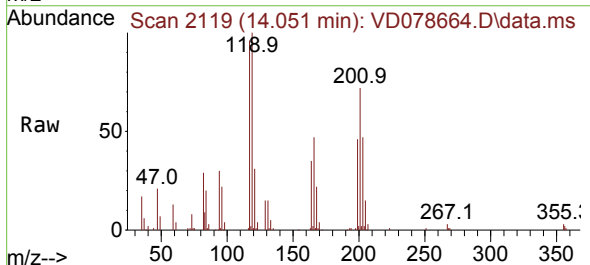
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

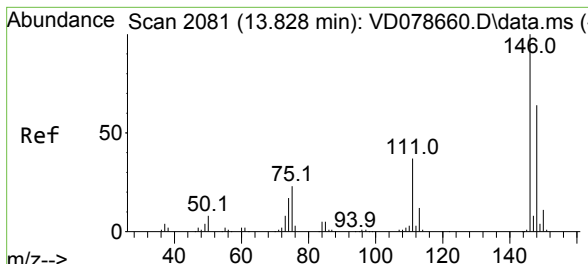
Tgt Ion: 91 Resp: 327505
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 45.148 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

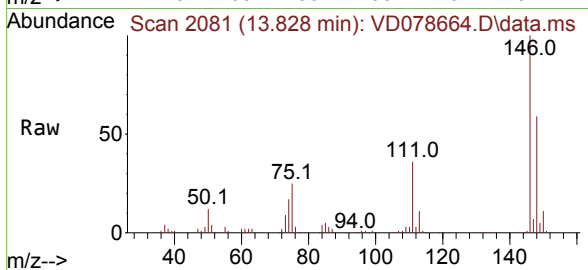
Tgt Ion: 117 Resp: 68650
Ion Ratio Lower Upper
117 100
201 72.8 36.2 108.6



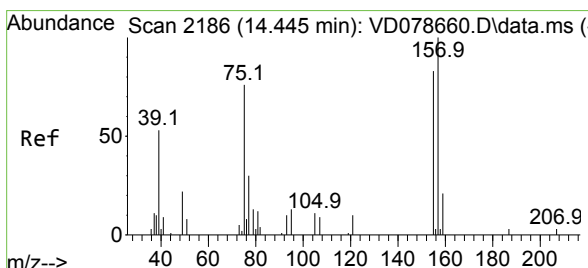
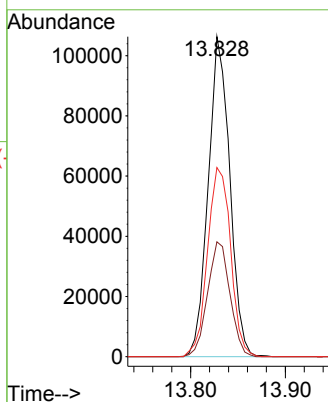
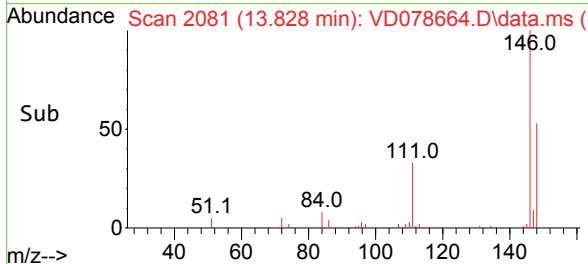


#91
1,2-Dichlorobenzene
Concen: 46.921 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

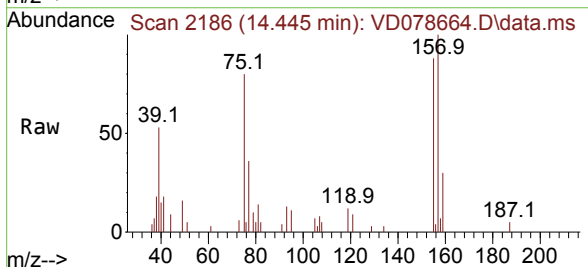
Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424



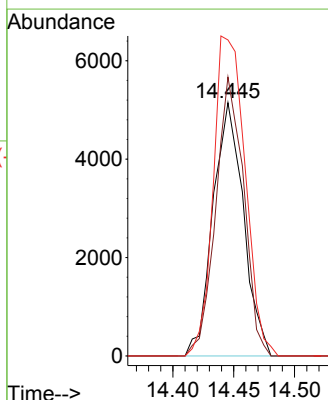
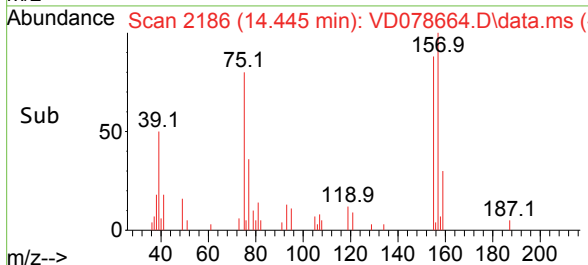
Tgt Ion:146 Resp: 168245
Ion Ratio Lower Upper
146 100
111 37.3 18.6 56.0
148 63.3 32.1 96.5

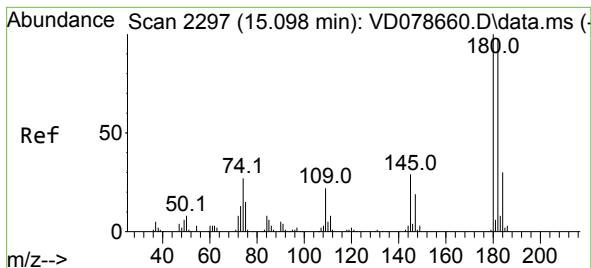


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.486 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22



Tgt Ion: 75 Resp: 8961
Ion Ratio Lower Upper
75 100
155 101.2 49.8 149.3
157 132.2 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 48.505 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

Instrument :

MSVOA_D

ClientSampleId :

ICVVD031424

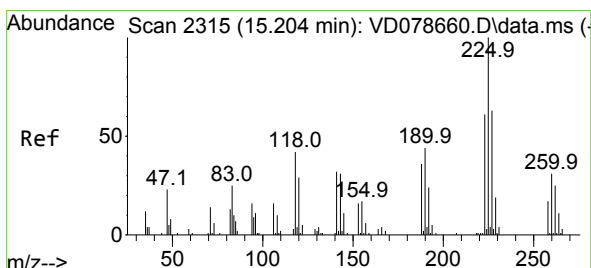
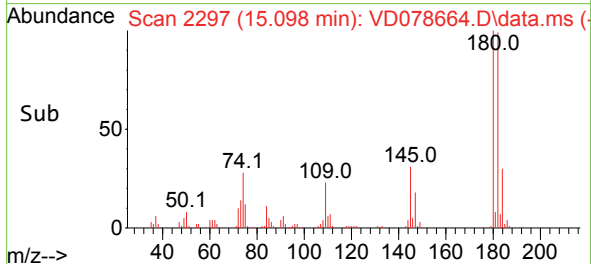
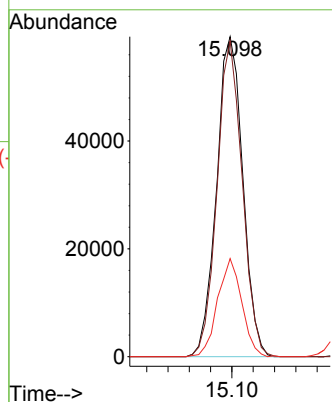
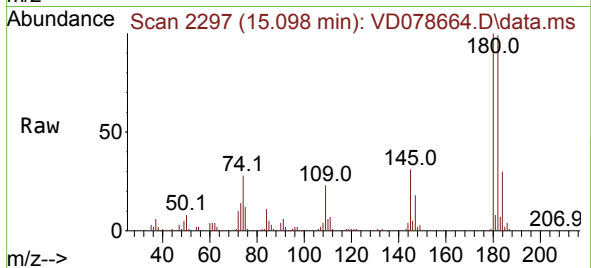
Tgt Ion:180 Resp: 101503

Ion Ratio Lower Upper

180 100

182 94.5 49.7 149.1

145 28.2 14.6 44.0



#94

Hexachlorobutadiene

Concen: 46.755 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078664.D

Acq: 14 Mar 2024 13:22

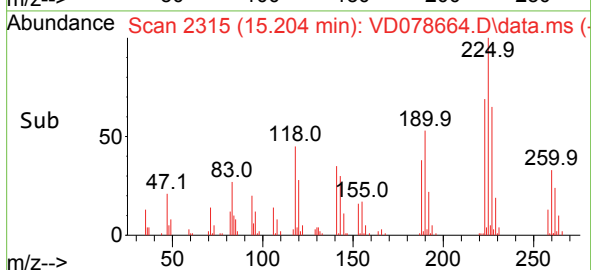
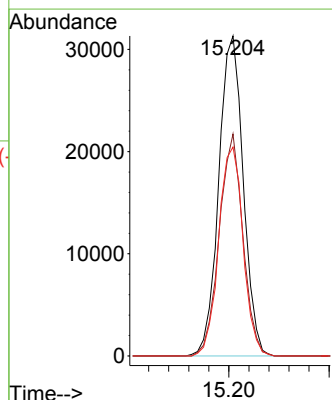
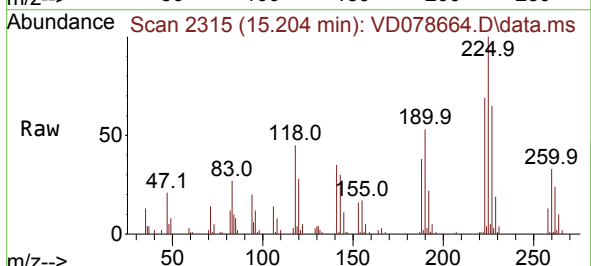
Tgt Ion:225 Resp: 52969

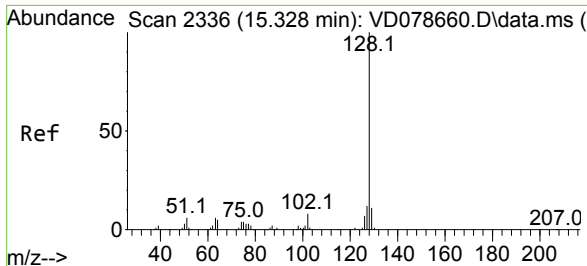
Ion Ratio Lower Upper

225 100

223 67.0 31.9 95.7

227 65.0 32.0 96.0

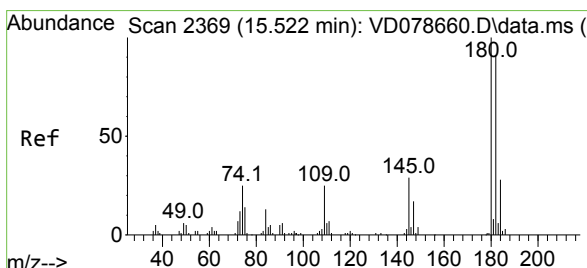
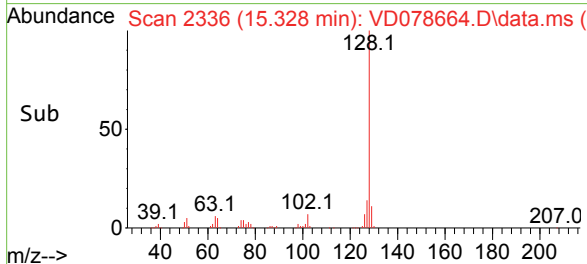
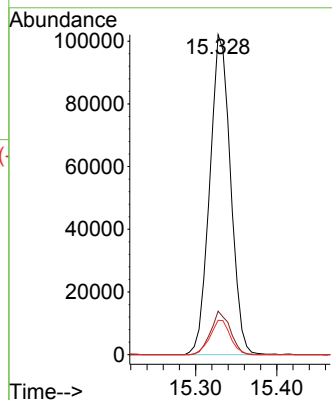
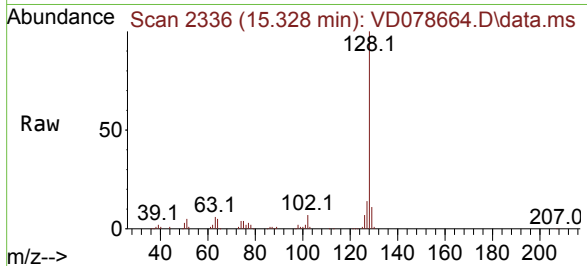




#95
Naphthalene
Concen: 49.975 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Instrument :
MSVOA_D
ClientSampleId :
ICVVD031424

Tgt Ion:128 Resp: 181824
Ion Ratio Lower Upper
128 100
127 13.6 9.3 13.9
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.297 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078664.D
Acq: 14 Mar 2024 13:22

Tgt Ion:180 Resp: 85625
Ion Ratio Lower Upper
180 100
182 98.7 46.7 140.1
145 31.9 14.4 43.4

