

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076117.D
 Acq On : 15 May 2023 17:33
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051523

Quant Time: May 16 18:52:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	270157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	424484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	190466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119222	45.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.320%
35) Dibromofluoromethane	7.804	113	140242	47.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.600%
50) Toluene-d8	10.269	98	566357	49.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.575	95	156606	49.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	118452	48.616	ug/l	98
3) Chloromethane	2.146	50	209084	52.471	ug/l	97
4) Vinyl Chloride	2.275	62	244829	46.592	ug/l	99
5) Bromomethane	2.681	94	149262	42.191	ug/l	96
6) Chloroethane	2.828	64	162696	46.021	ug/l	96
7) Trichlorofluoromethane	3.169	101	206817	46.435	ug/l	98
8) Diethyl Ether	3.587	74	73244	50.006	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.958	101	137859	46.990	ug/l	94
10) Methyl Iodide	4.158	142	168716	55.309	ug/l #	86
11) Tert butyl alcohol	5.063	59	39626	286.902	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	142944	48.956	ug/l	91
13) Acrolein	3.793	56	85786	253.781	ug/l	97
14) Allyl chloride	4.558	41	151550	51.142	ug/l #	79
15) Acrylonitrile	5.252	53	160579	264.782	ug/l	97
16) Acetone	4.022	43	128125	246.636	ug/l #	83
17) Carbon Disulfide	4.263	76	398436	50.441	ug/l	95
18) Methyl Acetate	4.563	43	98365	53.081	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	305893	53.525	ug/l	99
20) Methylene Chloride	4.793	84	186600	44.195	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	160538	47.706	ug/l #	80
22) Diisopropyl ether	6.216	45	362124	52.647	ug/l #	89
23) Vinyl Acetate	6.152	43	893517	330.383	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	263540	48.583	ug/l	97
25) 2-Butanone	7.081	43	173382	265.439	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	210829	47.664	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	184488	49.404	ug/l	85
28) Bromochloromethane	7.428	49	81505	45.061	ug/l #	61
29) Tetrahydrofuran	7.440	42	107163	281.475	ug/l #	69
30) Chloroform	7.593	83	269469	46.452	ug/l	100
31) Cyclohexane	7.875	56	195764	48.956	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	218545	47.274	ug/l	96
36) 1,1-Dichloropropene	8.004	75	200712	50.651	ug/l	96
37) Ethyl Acetate	7.169	43	75587	55.085	ug/l #	83
38) Carbon Tetrachloride	7.987	117	176260	49.244	ug/l	95
39) Methylcyclohexane	9.269	83	235299	51.575	ug/l	93
40) Benzene	8.252	78	616656	48.403	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	36617	48.667	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	148484	49.275	ug/l	92
43) Isopropyl Acetate	8.357	43	138101	53.876	ug/l #	85
44) Trichloroethene	9.022	130	174800	48.685	ug/l	88
45) 1,2-Dichloropropane	9.304	63	149959	47.720	ug/l	95
46) Dibromomethane	9.393	93	85891	48.762	ug/l	90
47) Bromodichloromethane	9.581	83	203277	48.018	ug/l	98
48) Methyl methacrylate	9.381	41	64420	56.784	ug/l #	62
49) 1,4-Dioxane	9.381	88	21579	1145.622	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	386235	283.312	ug/l #	83
52) Toluene	10.334	92	391346	49.183	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	197344	51.723	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	238338	51.186	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	125849	49.822	ug/l	93
56) Ethyl methacrylate	10.598	69	142849	56.263	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	199475	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	340899	279.840	ug/l	92
59) 2-Hexanone	10.922	43	272820	283.766	ug/l	75
60) Dibromochloromethane	11.075	129	141334	49.762	ug/l	100
61) 1,2-Dibromoethane	11.181	107	115749	51.513	ug/l	100
64) Tetrachloroethene	10.810	164	145508	48.794	ug/l	93
65) Chlorobenzene	11.610	112	426783	48.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	144132	47.439	ug/l	96
67) Ethyl Benzene	11.687	91	725593	51.433	ug/l	98
68) m/p-Xylenes	11.793	106	586655	101.749	ug/l	91
69) o-Xylene	12.122	106	268059	50.952	ug/l	94
70) Styrene	12.134	104	467028	51.202	ug/l	95
71) Bromoform	12.298	173	83719	48.988	ug/l #	96
73) Isopropylbenzene	12.422	105	680847	54.037	ug/l	97
74) N-amyl acetate	12.234	43	133224	59.363	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	139342	51.457	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	162302	97.377	ug/l #	100
77) Bromobenzene	12.704	156	171233	50.705	ug/l	92
78) n-propylbenzene	12.763	91	847272	54.025	ug/l	98
79) 2-Chlorotoluene	12.851	91	460196	53.020	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	558023	53.425	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	44445	55.941	ug/l #	73
82) 4-Chlorotoluene	12.945	91	480303	52.024	ug/l	96
83) tert-Butylbenzene	13.169	119	481408	54.537	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	560676	53.901	ug/l	96
85) sec-Butylbenzene	13.345	105	738149	53.657	ug/l	98
86) p-Isopropyltoluene	13.463	119	597078	53.043	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	335371	49.117	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	331065	48.968	ug/l	96
89) n-Butylbenzene	13.787	91	579260	54.607	ug/l	99
90) Hexachloroethane	14.051	117	113586	49.057	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	300332	50.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18377	52.266	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	192870	55.336	ug/l	97
94) Hexachlorobutadiene	15.204	225	93815	52.791	ug/l	96
95) Naphthalene	15.333	128	382150	59.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	173199	54.639	ug/l	98

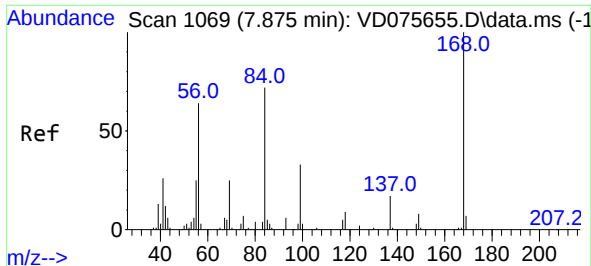
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
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Response via : Initial Calibration

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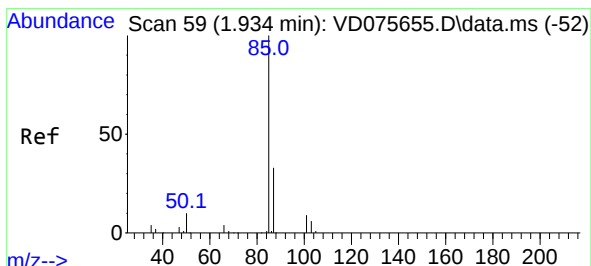
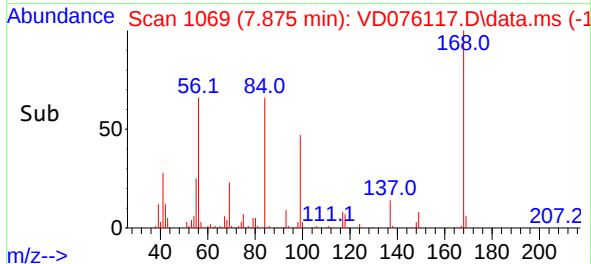
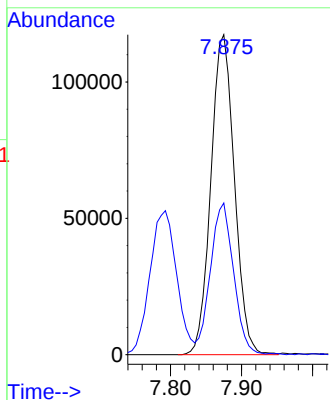
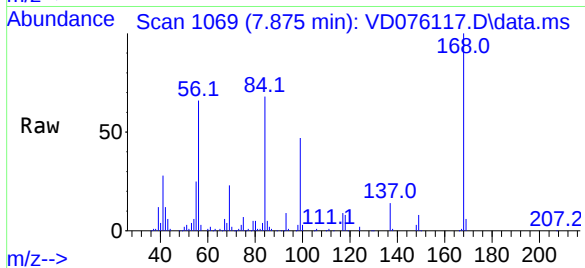
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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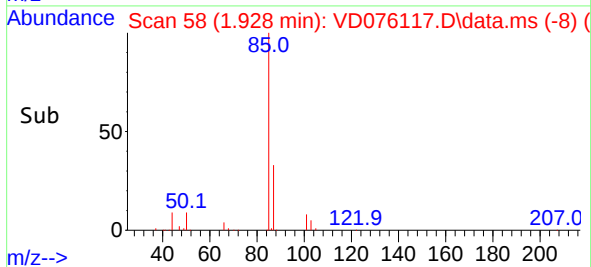
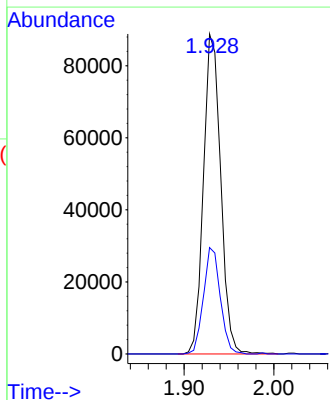
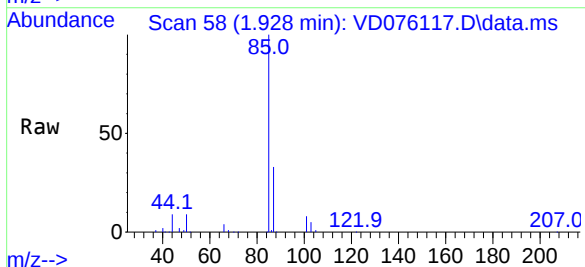
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

Tgt Ion:168 Resp: 270157
Ion Ratio Lower Upper
168 100
99 47.0 43.8 65.6

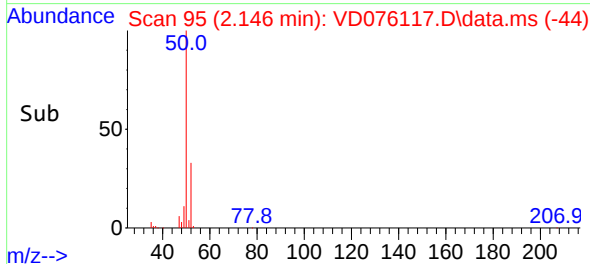
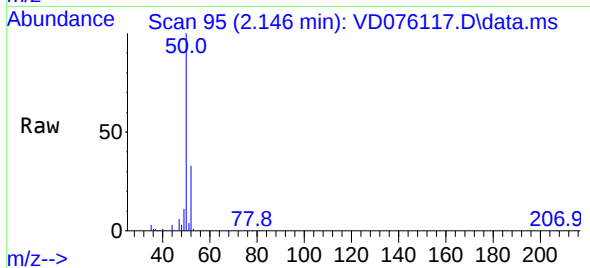
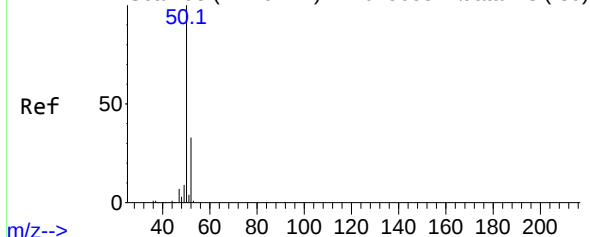


#2
Dichlorodifluoromethane
Concen: 48.616 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 85 Resp: 118452
Ion Ratio Lower Upper
85 100
87 33.2 17.3 51.7



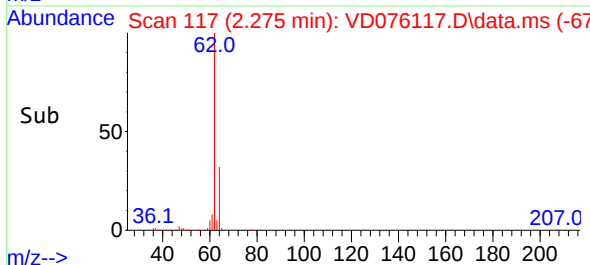
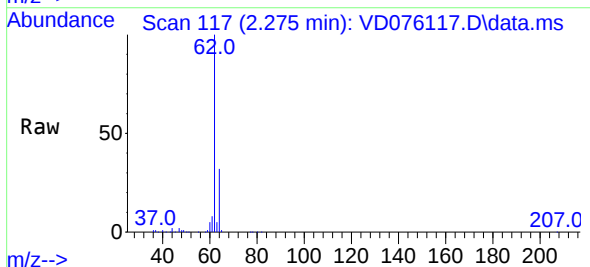
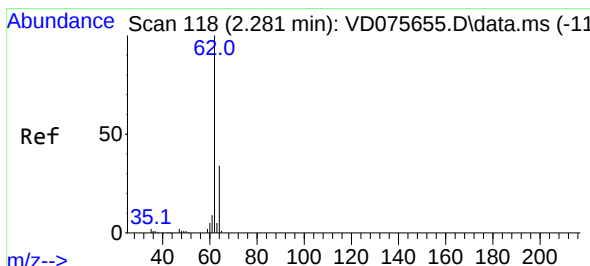
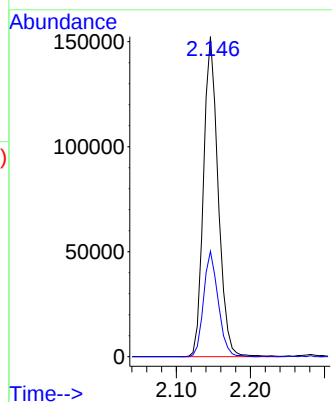
Abundance Scan 95 (2.146 min): VD075655.D\data.ms (-89)



#3
Chloromethane
Concen: 52.471 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

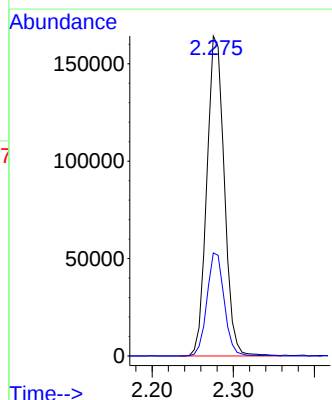
Instrument :
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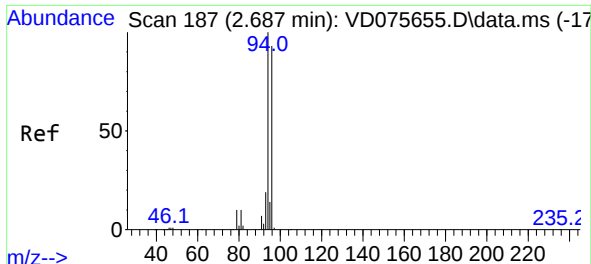
Tgt Ion: 50 Resp: 209084
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8



#4
Vinyl Chloride
Concen: 46.592 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 62 Resp: 244829
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

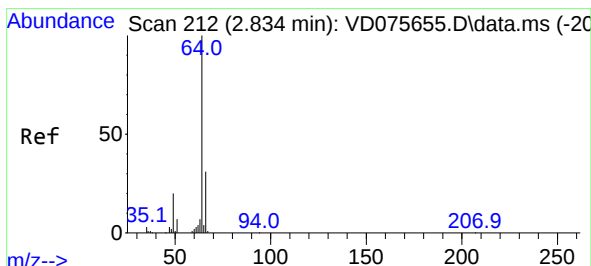
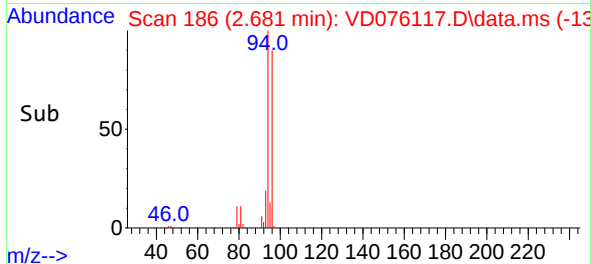
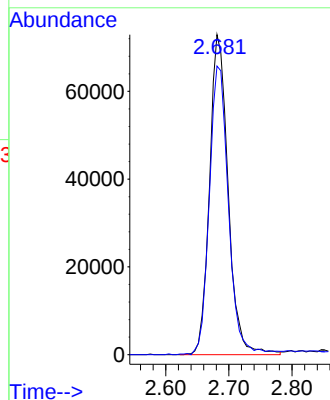
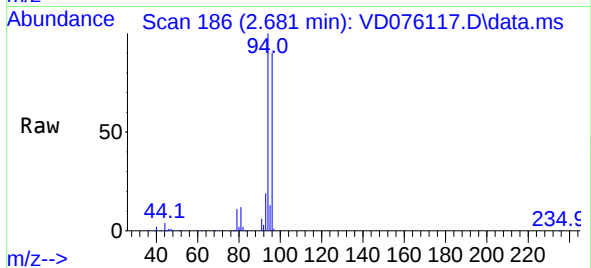




#5
Bromomethane
Concen: 42.191 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

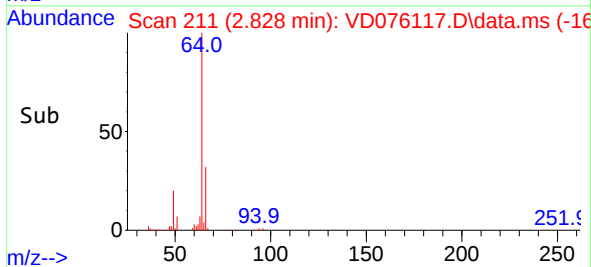
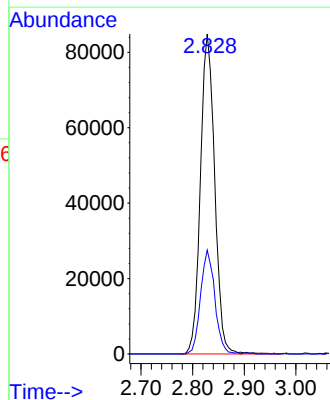
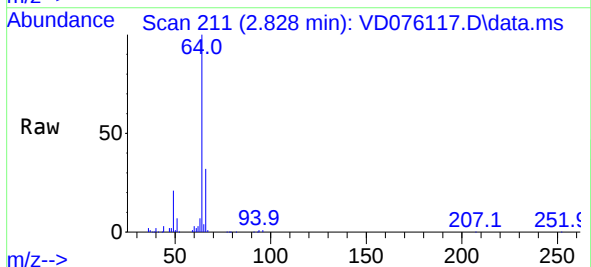
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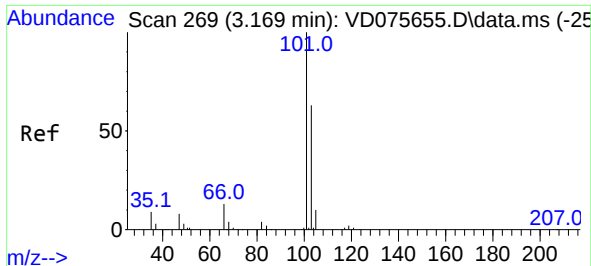
Tgt Ion: 94 Resp: 149262
Ion Ratio Lower Upper
94 100
96 93.1 77.5 116.3



#6
Chloroethane
Concen: 46.021 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 64 Resp: 162696
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

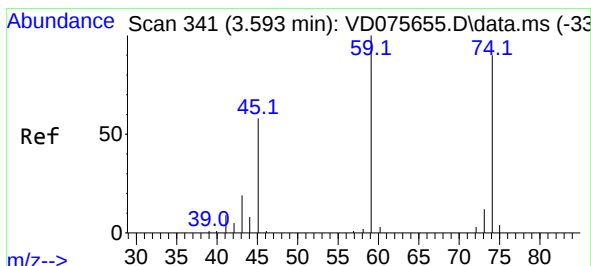
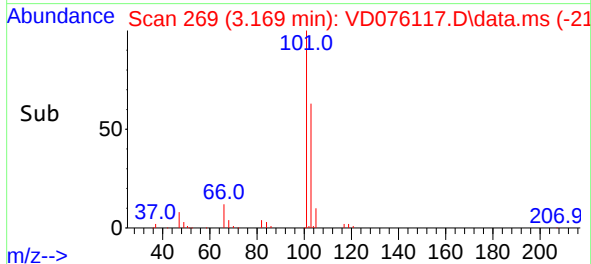
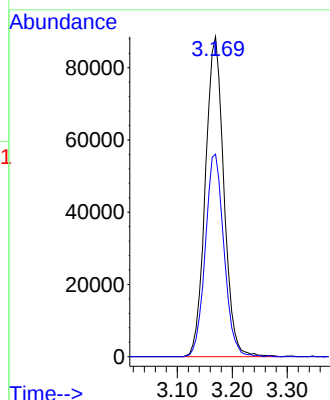
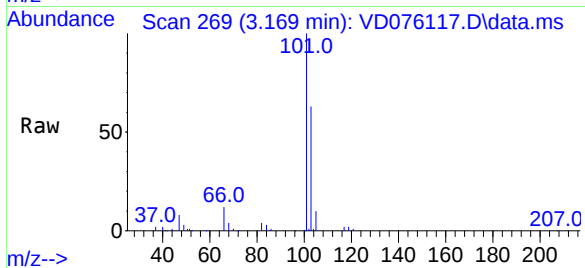




#7
Trichlorofluoromethane
Concen: 46.435 ug/l
RT: 3.169 min Scan# 206
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

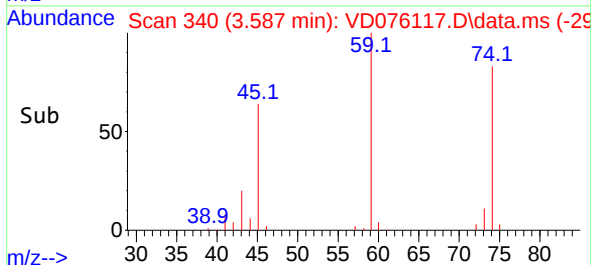
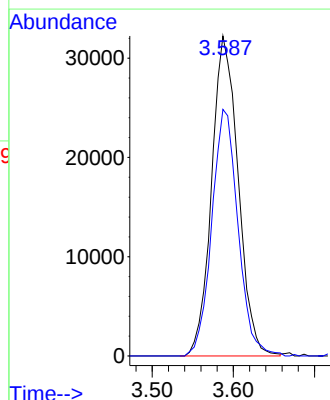
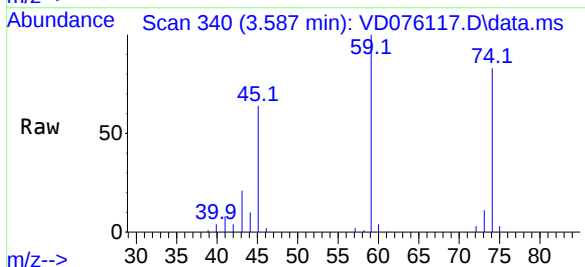
Instrument :
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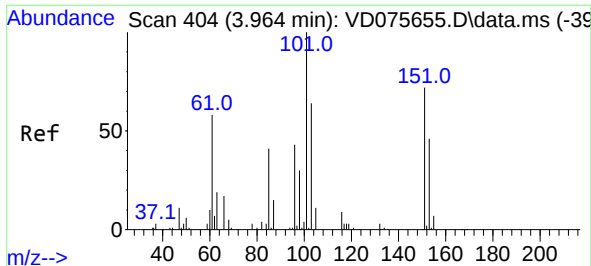
Tgt Ion:101 Resp: 206817
Ion Ratio Lower Upper
101 100
103 63.3 51.9 77.9



#8
Diethyl Ether
Concen: 50.006 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 74 Resp: 73244
Ion Ratio Lower Upper
74 100
45 76.1 50.9 152.7

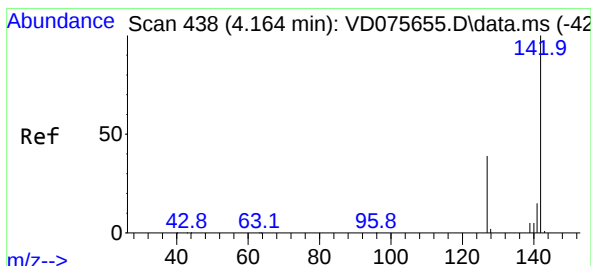
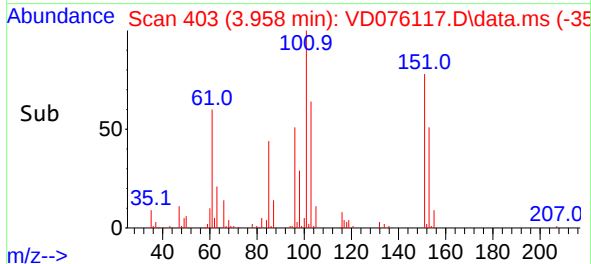
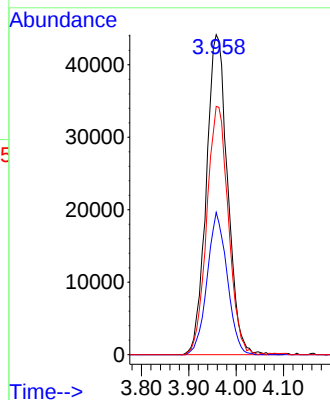
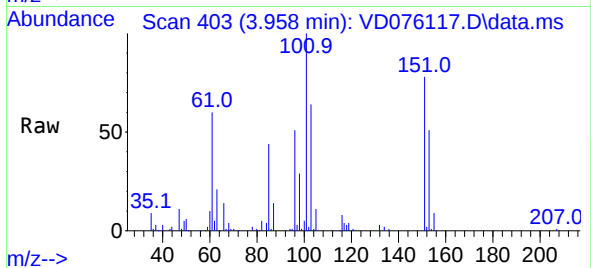




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.990 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

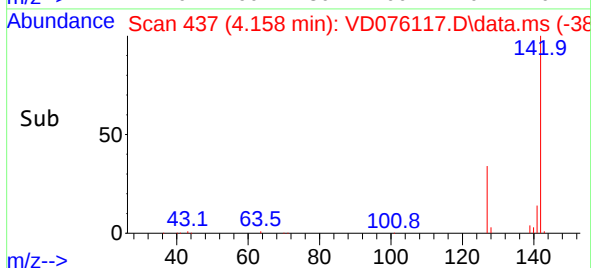
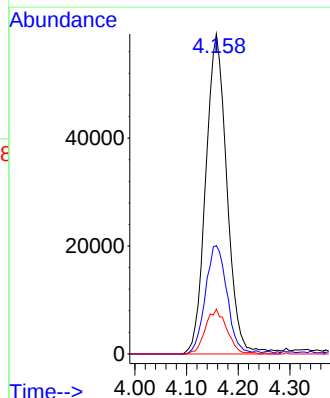
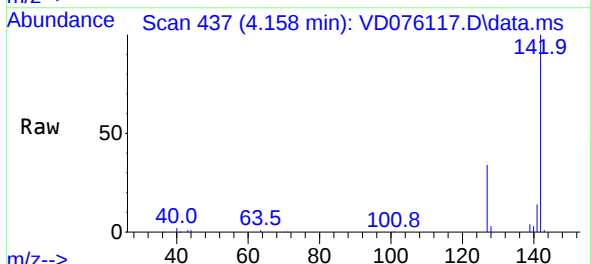
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

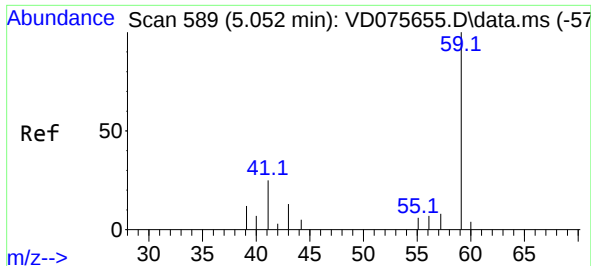
Tgt Ion:101 Resp: 137859
Ion Ratio Lower Upper
101 100
85 41.8 38.3 57.5
151 78.7 60.4 90.6



#10
Methyl Iodide
Concen: 55.309 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:142 Resp: 168716
Ion Ratio Lower Upper
142 100
127 34.7 37.1 55.7#
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 286.902 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

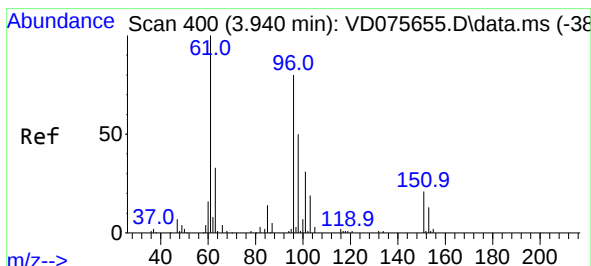
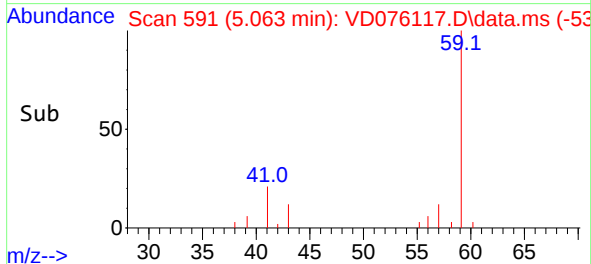
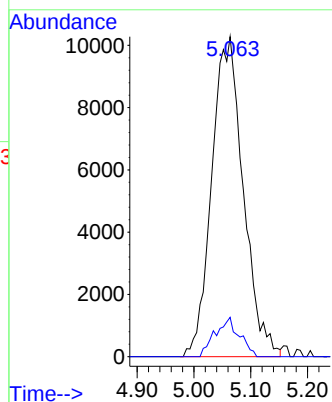
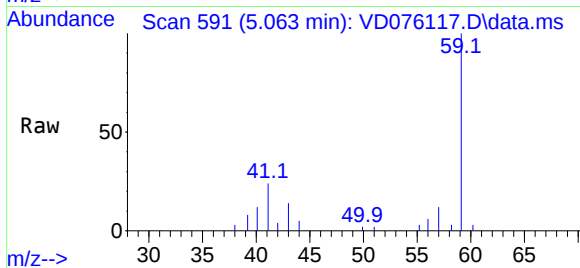
ICVVD051523

Tgt Ion: 59 Resp: 39626

Ion Ratio Lower Upper

59 100

57 9.4 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 48.956 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

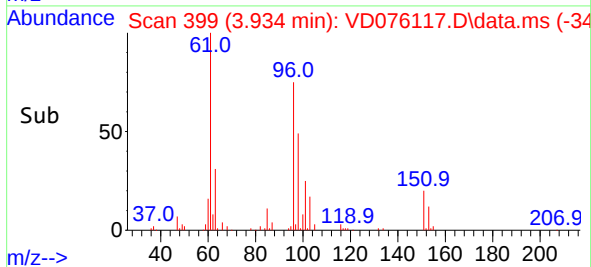
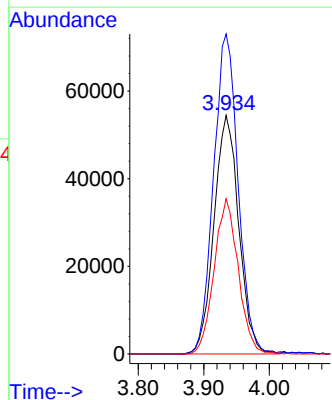
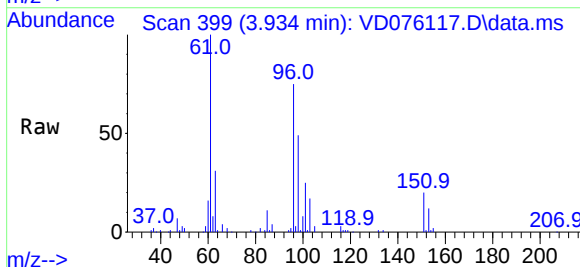
Tgt Ion: 96 Resp: 142944

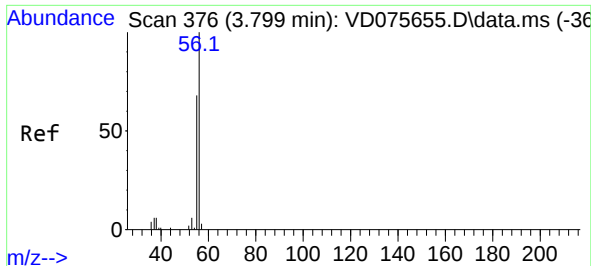
Ion Ratio Lower Upper

96 100

61 134.1 118.6 177.8

98 65.1 49.7 74.5

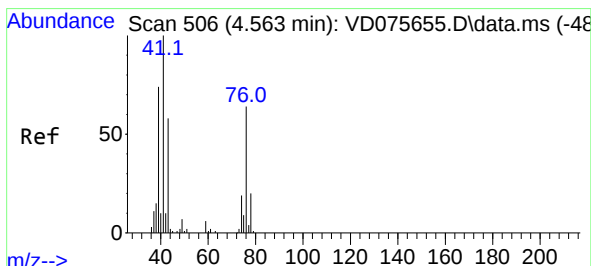
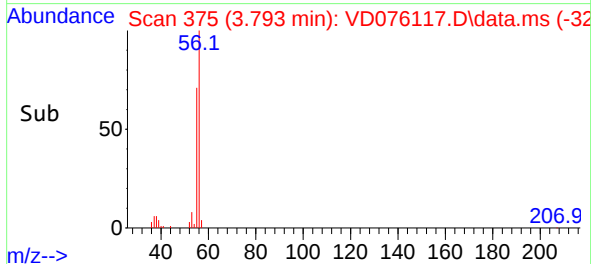
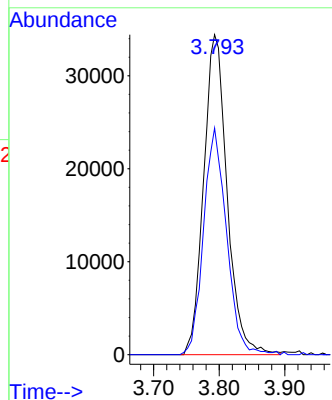
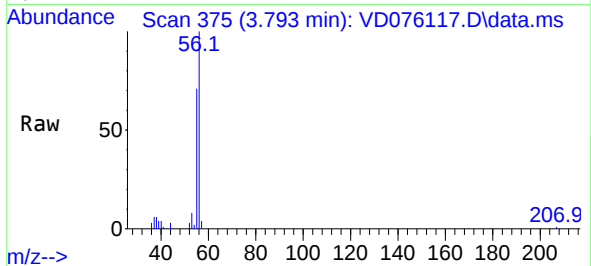




#13
Acrolein
Concen: 253.781 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

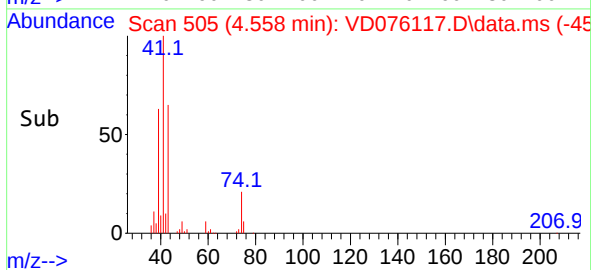
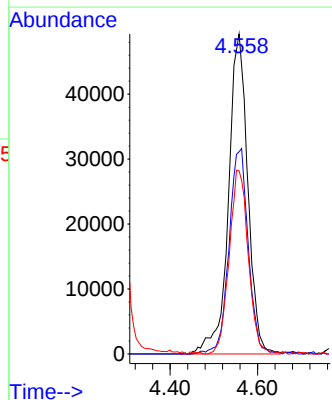
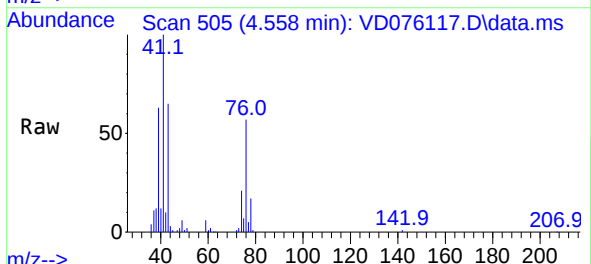
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

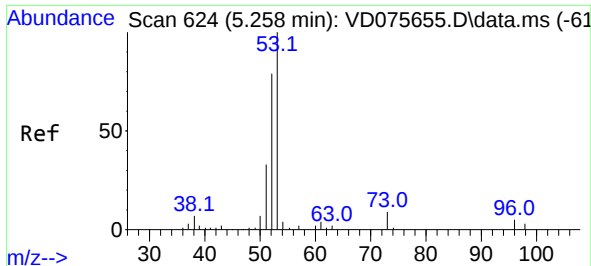
Tgt Ion: 56 Resp: 85786
Ion Ratio Lower Upper
56 100
55 69.5 53.9 80.9



#14
Allyl chloride
Concen: 51.142 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 41 Resp: 151550
Ion Ratio Lower Upper
41 100
39 63.9 60.6 90.8
76 56.6 28.6 43.0#





#15

Acrylonitrile

Concen: 264.782 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

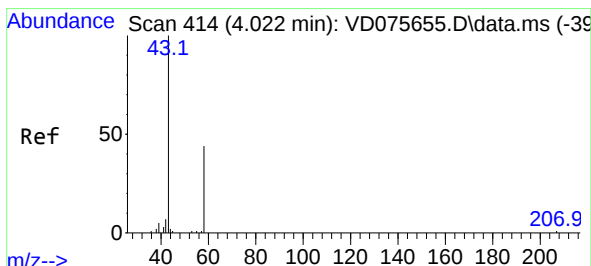
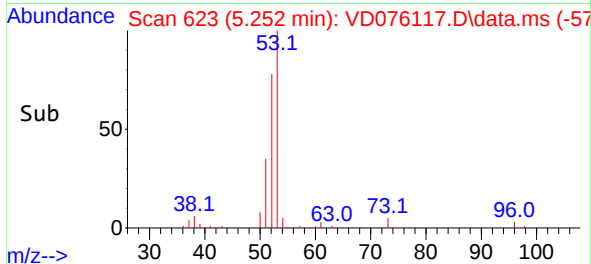
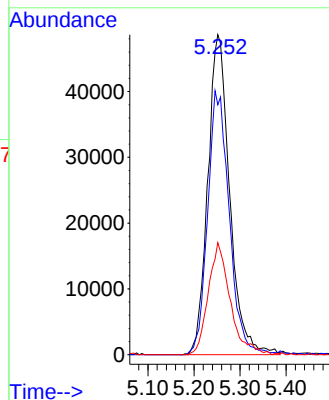
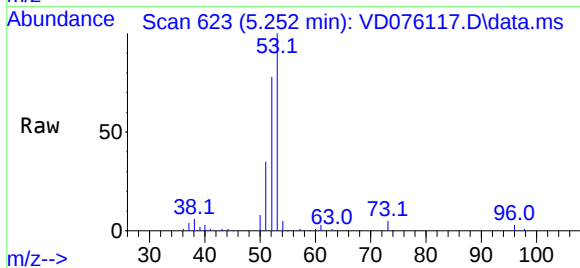
Tgt Ion: 53 Resp: 160579

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.4

51 35.0 30.7 46.1



#16

Acetone

Concen: 246.636 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076117.D

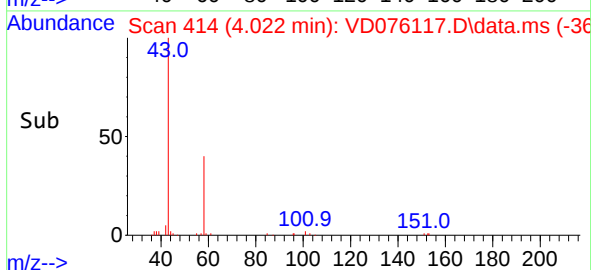
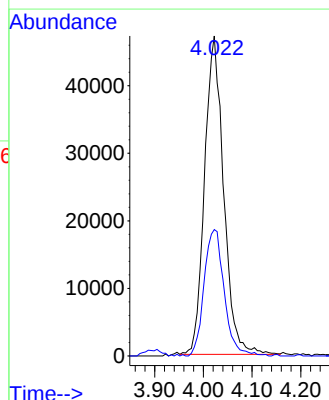
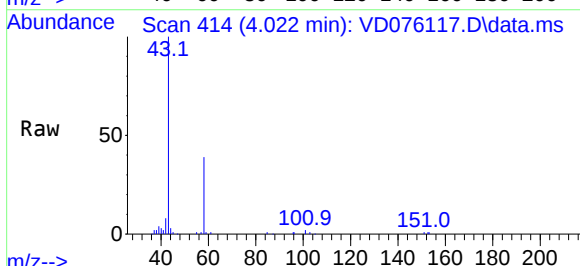
Acq: 15 May 2023 17:33

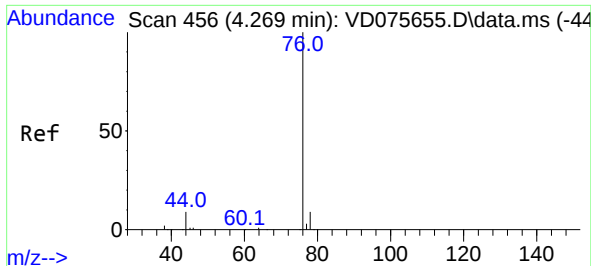
Tgt Ion: 43 Resp: 128125

Ion Ratio Lower Upper

43 100

58 39.7 24.4 36.6#

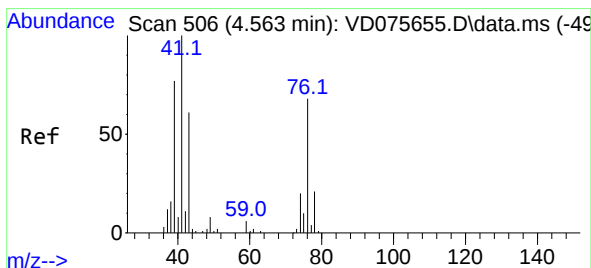
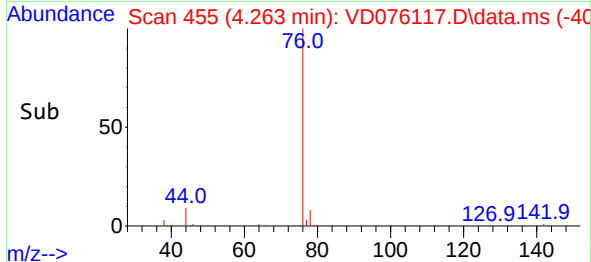
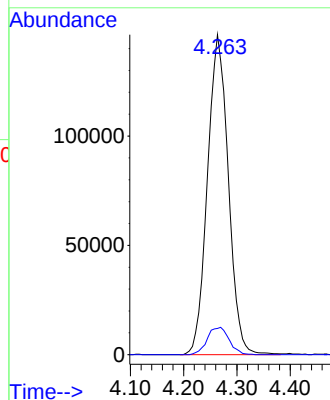
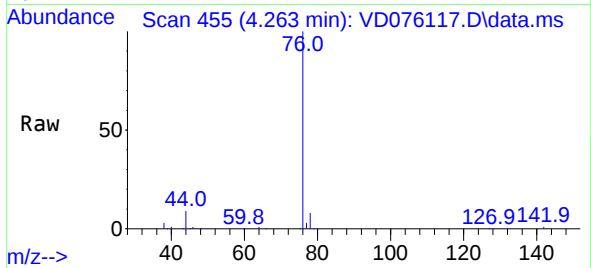




#17
Carbon Disulfide
Concen: 50.441 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

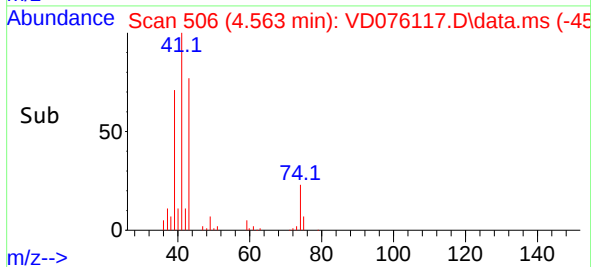
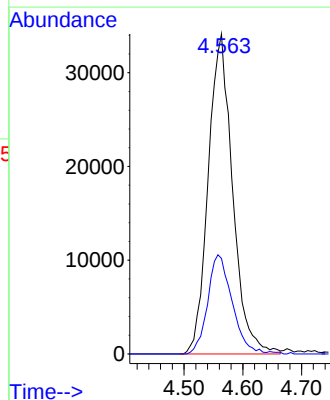
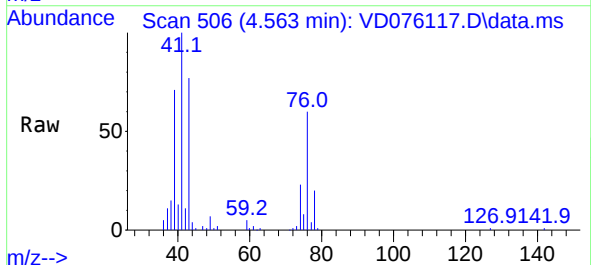
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

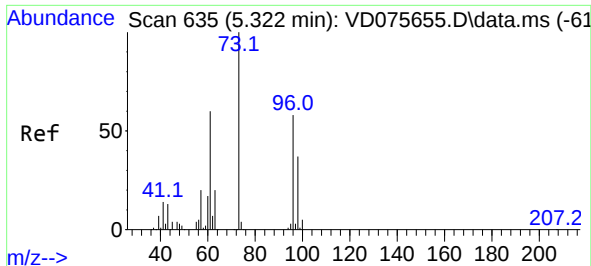
Tgt Ion: 76 Resp: 398436
Ion Ratio Lower Upper
76 100
78 8.2 8.0 12.0



#18
Methyl Acetate
Concen: 53.081 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 43 Resp: 98365
Ion Ratio Lower Upper
43 100
74 31.0 17.8 26.6#

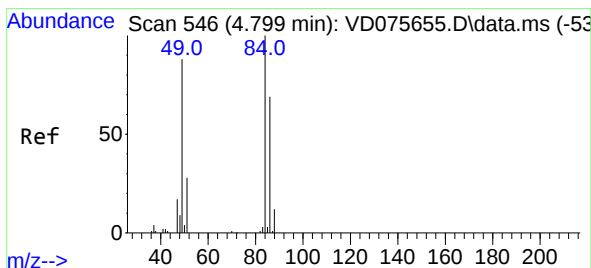
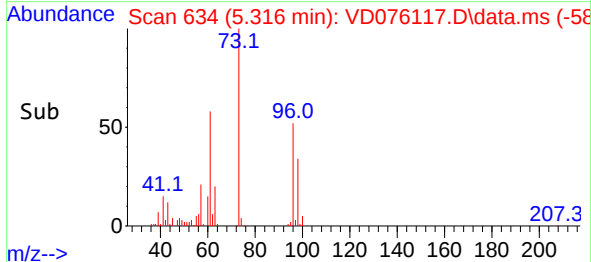
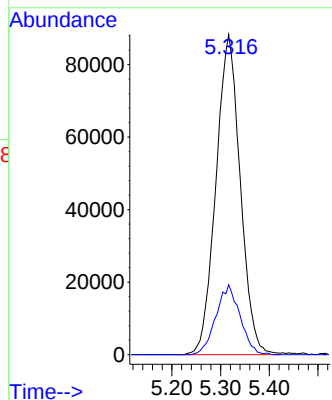
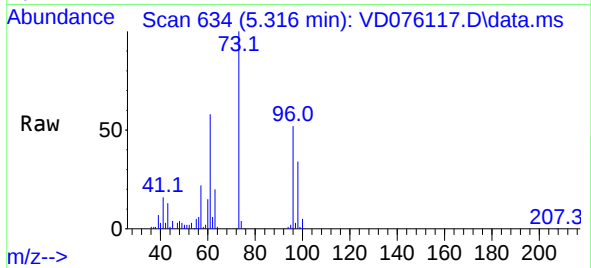




#19
Methyl tert-butyl Ether
Concen: 53.525 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

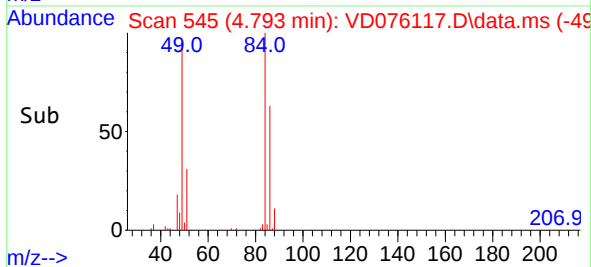
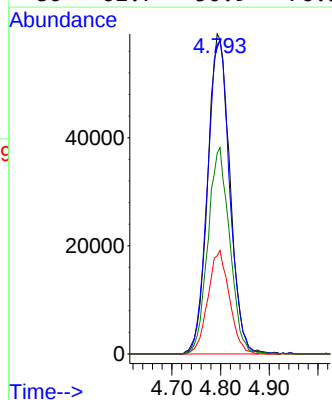
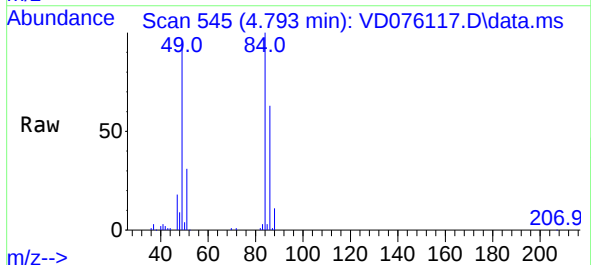
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

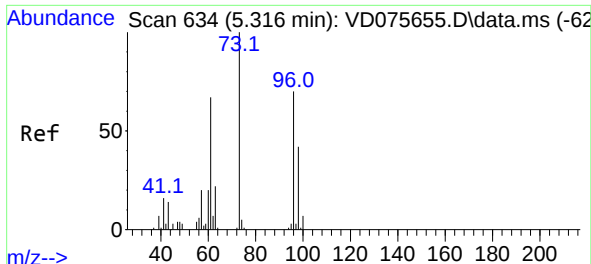
Tgt Ion: 73 Resp: 305893
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 44.195 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 84 Resp: 186600
Ion Ratio Lower Upper
84 100
49 95.7 106.4 159.6#
51 30.7 32.4 48.6#
86 62.7 50.9 76.3

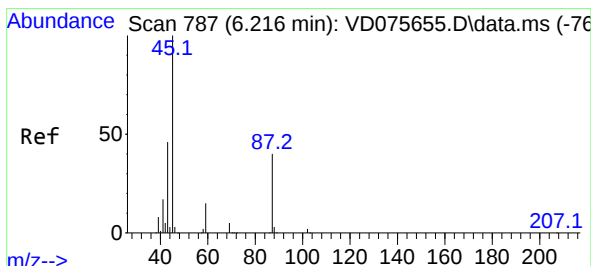
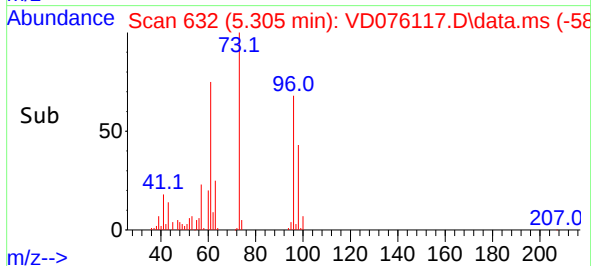
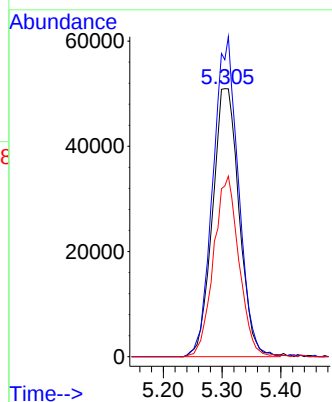
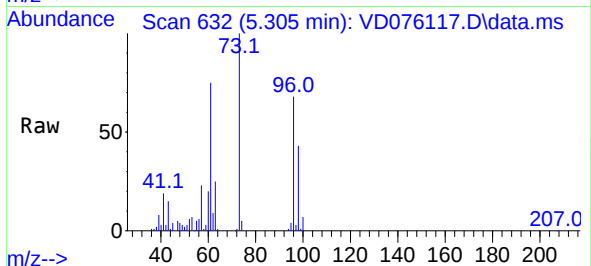




#21
trans-1,2-Dichloroethene
Concen: 47.706 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

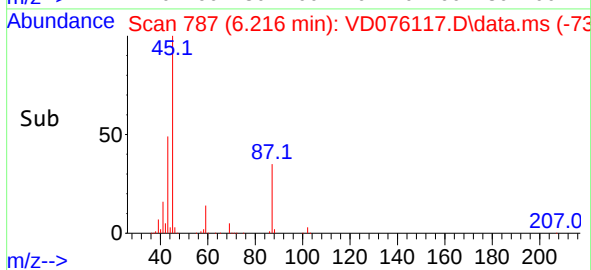
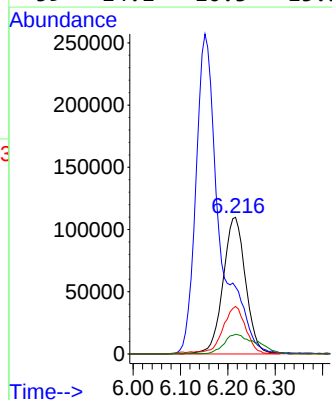
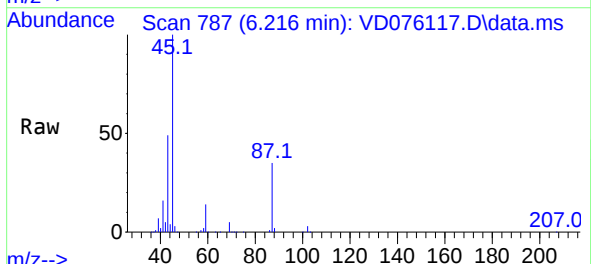
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

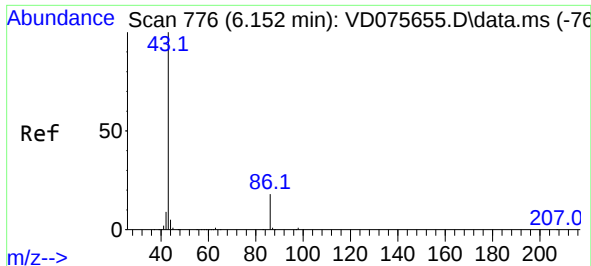
Tgt Ion: 96 Resp: 160538
Ion Ratio Lower Upper
96 100
61 110.8 117.2 175.8#
98 63.7 50.6 76.0



#22
Diisopropyl ether
Concen: 52.647 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 45 Resp: 362124
Ion Ratio Lower Upper
45 100
43 48.1 44.4 66.6
87 34.3 20.9 31.3#
59 14.1 10.3 15.5

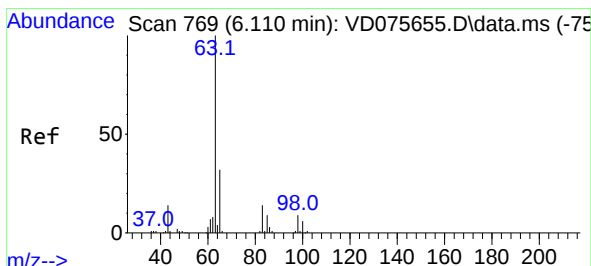
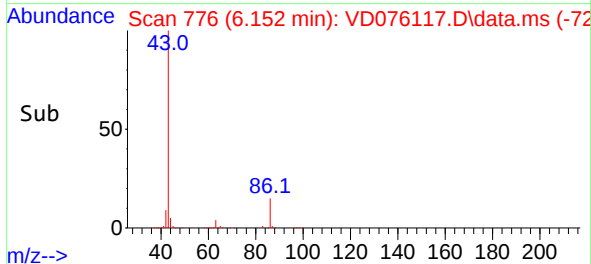
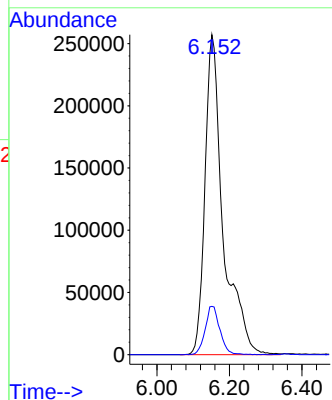
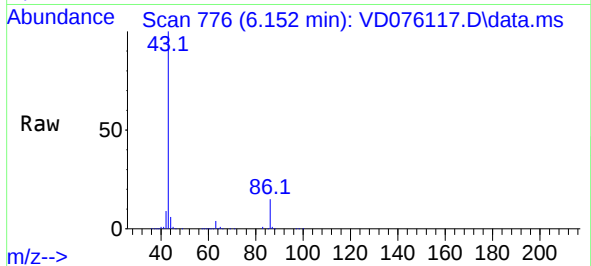




#23
 Vinyl Acetate
 Concen: 330.383 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076117.D
 Acq: 15 May 2023 17:33

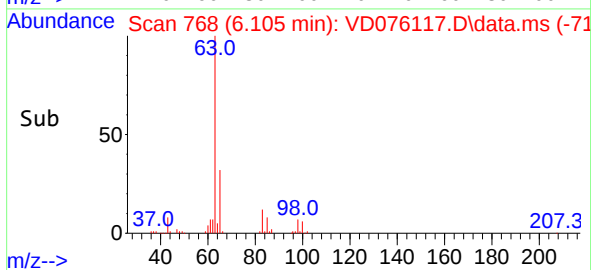
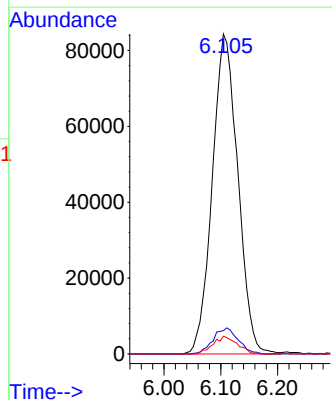
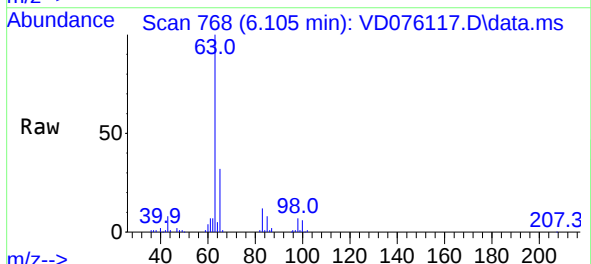
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051523

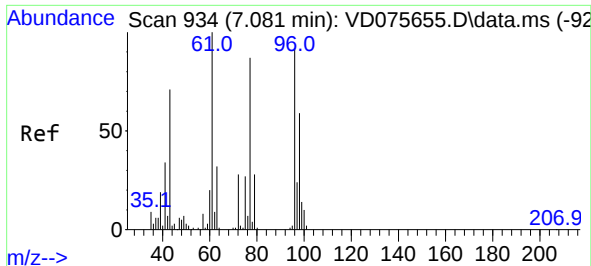
Tgt Ion: 43 Resp: 893517
 Ion Ratio Lower Upper
 43 100
 86 15.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.583 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD076117.D
 Acq: 15 May 2023 17:33

Tgt Ion: 63 Resp: 263540
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.6 2.0 6.0

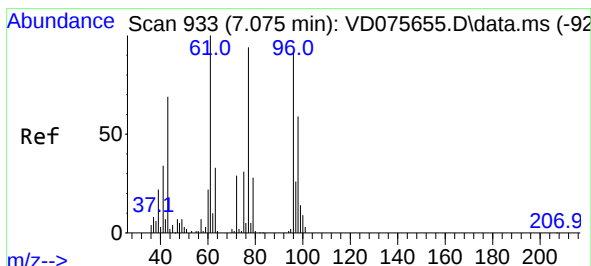
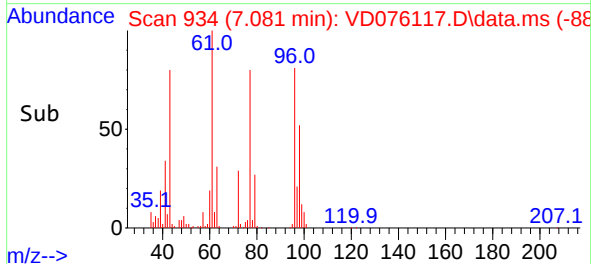
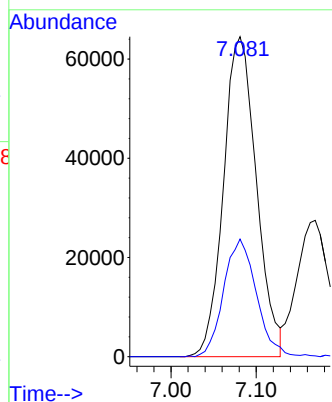
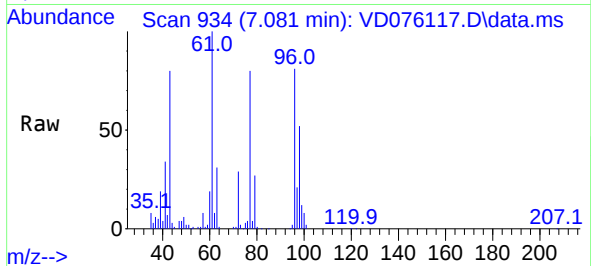




#25
2-Butanone
Concen: 265.439 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

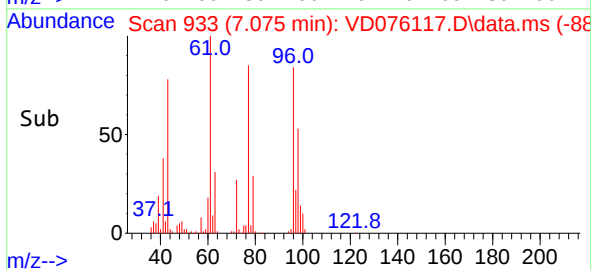
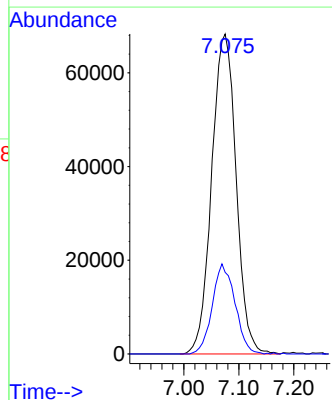
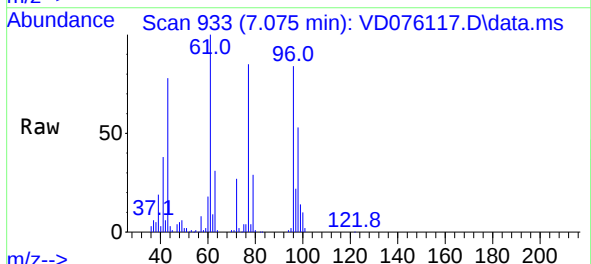
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

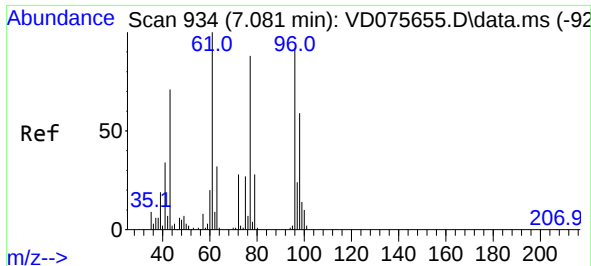
Tgt Ion: 43 Resp: 173382
Ion Ratio Lower Upper
43 100
72 36.7 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 47.664 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 77 Resp: 210829
Ion Ratio Lower Upper
77 100
97 26.2 11.1 33.1

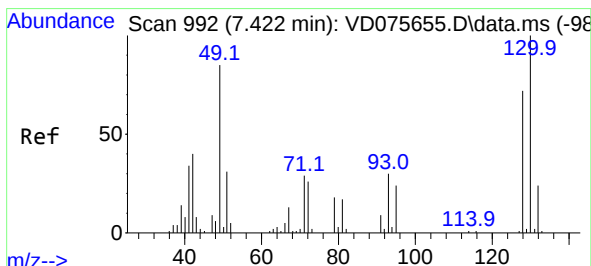
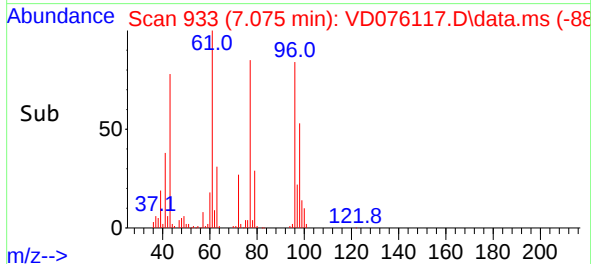
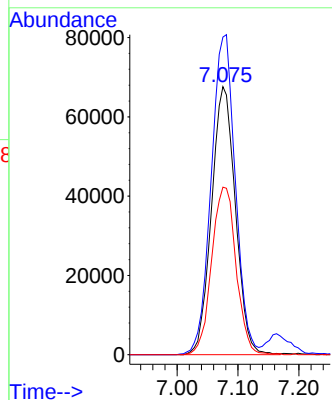
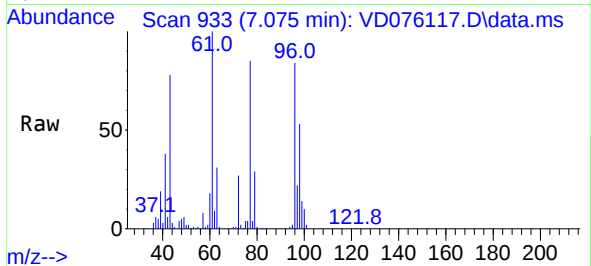




#27
cis-1,2-Dichloroethene
Concen: 49.404 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

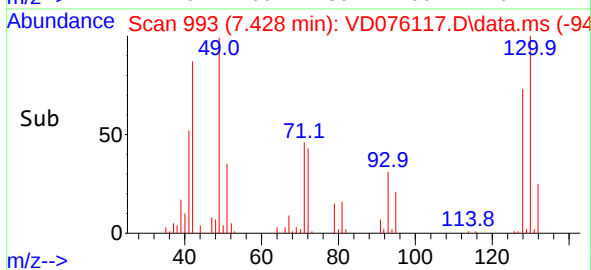
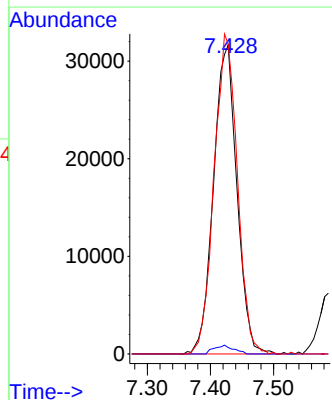
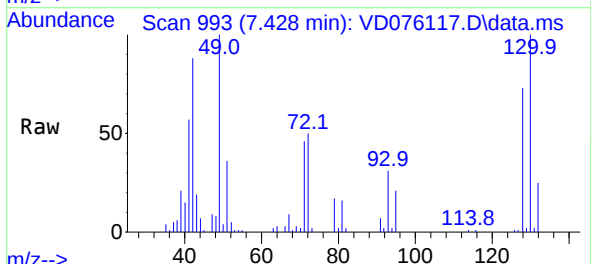
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

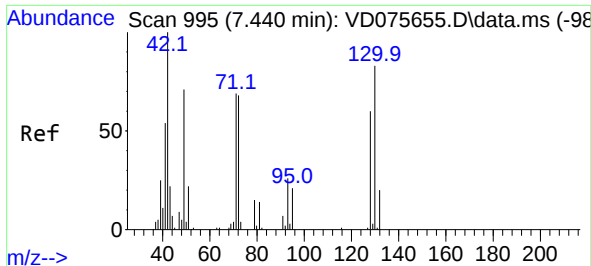
Tgt Ion: 96 Resp: 184488
Ion Ratio Lower Upper
96 100
61 120.6 0.0 295.2
98 63.9 0.0 129.2



#28
Bromochloromethane
Concen: 45.061 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 49 Resp: 81505
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 102.8 56.0 84.0#





#29

Tetrahydrofuran

Concen: 281.475 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

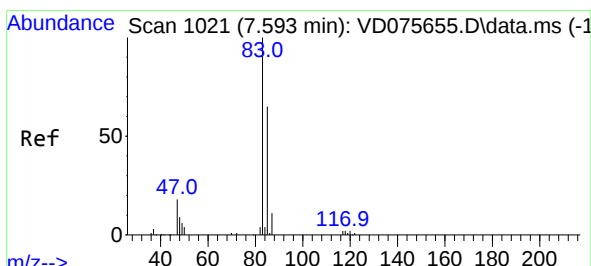
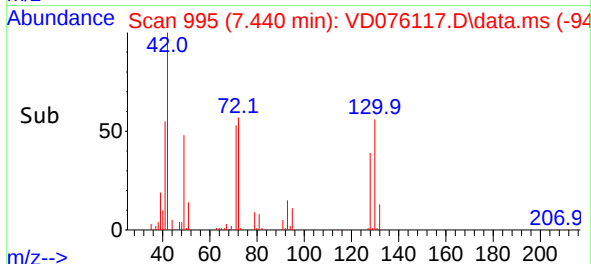
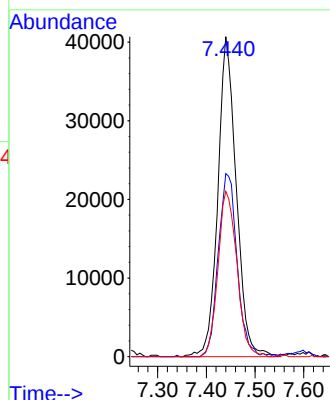
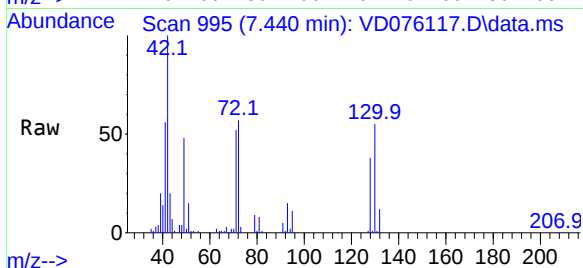
Tgt Ion: 42 Resp: 107163

Ion Ratio Lower Upper

42 100

72 58.1 31.8 47.6#

71 53.0 27.6 41.4#



#30

Chloroform

Concen: 46.452 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076117.D

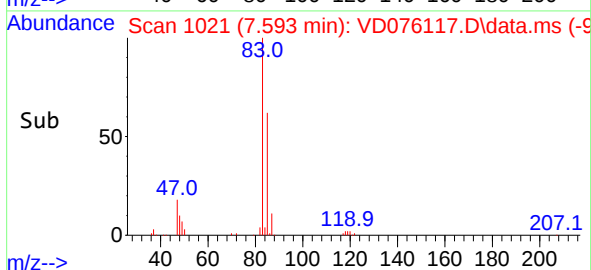
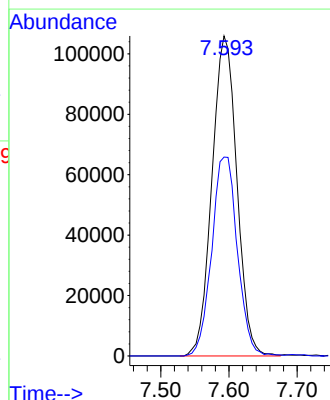
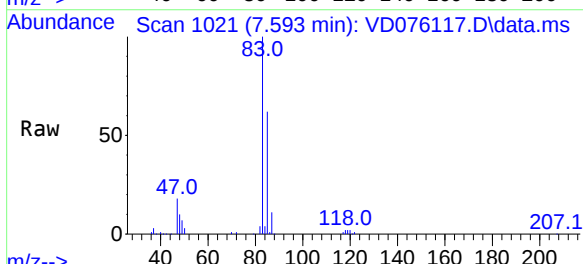
Acq: 15 May 2023 17:33

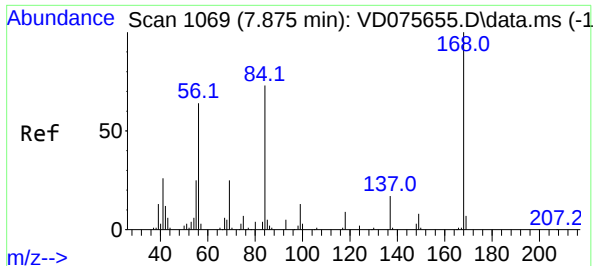
Tgt Ion: 83 Resp: 269469

Ion Ratio Lower Upper

83 100

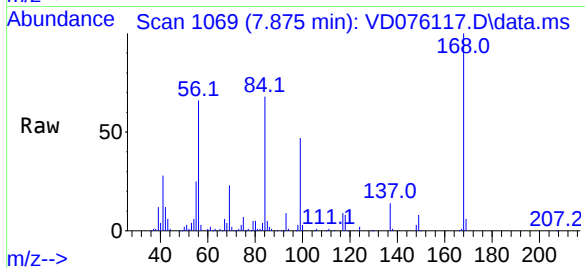
85 62.1 49.4 74.2



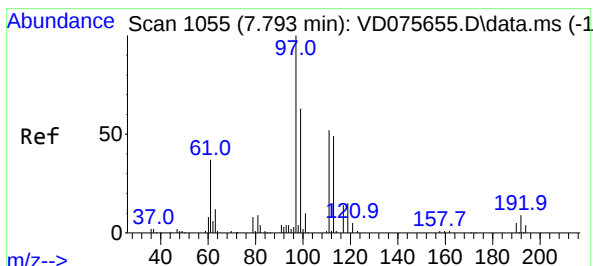
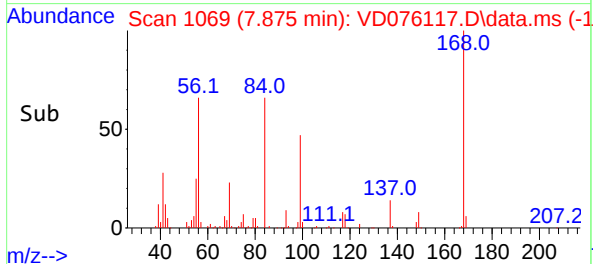
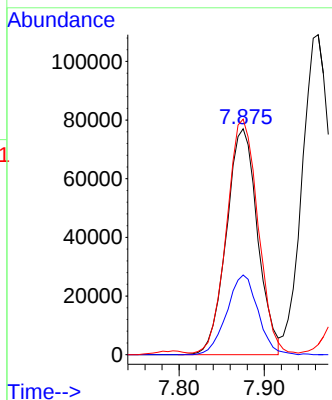


#31
Cyclohexane
Concen: 48.956 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

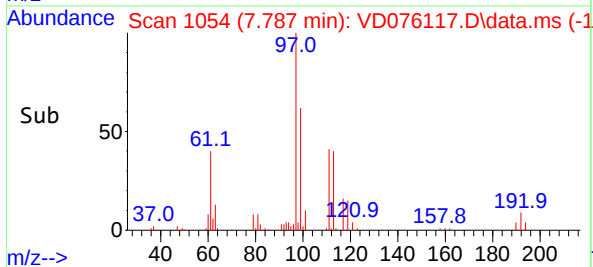
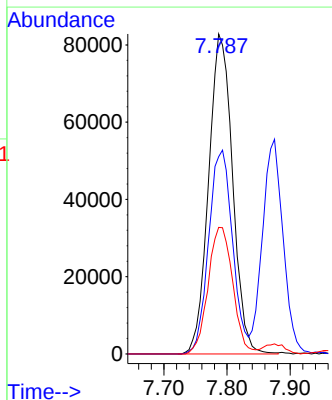
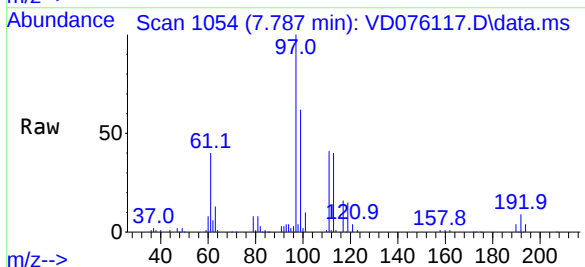


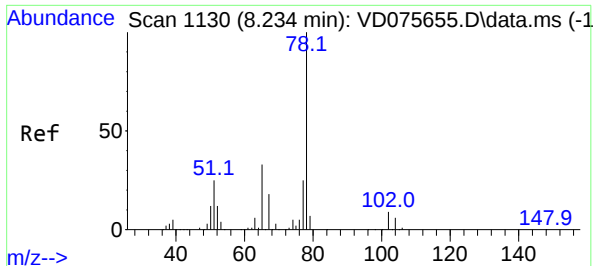
Tgt Ion: 56 Resp: 195764
Ion Ratio Lower Upper
56 100
69 35.3 25.5 38.3
84 102.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 47.274 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 97 Resp: 218545
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 40.6 36.6 55.0

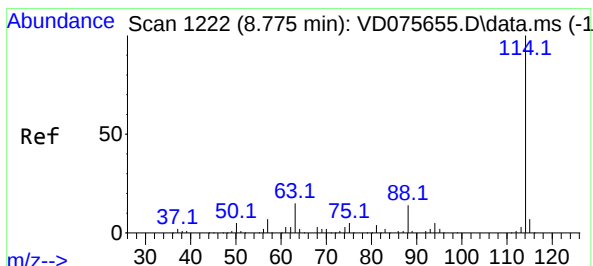
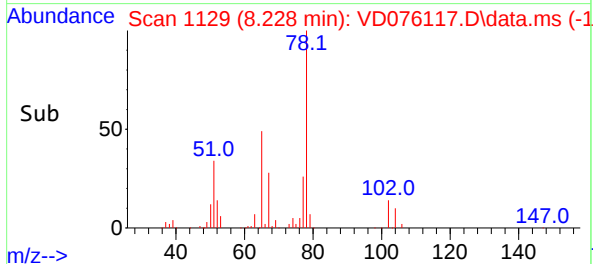
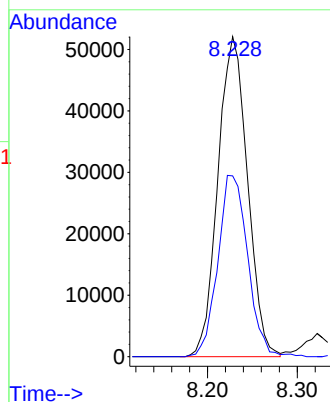
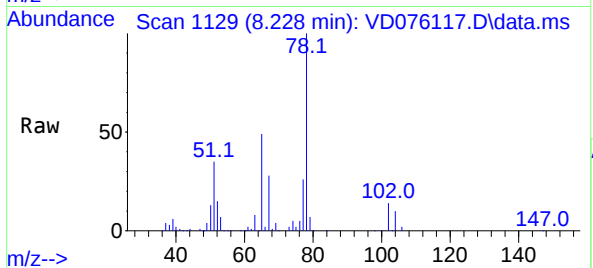




#33
1,2-Dichloroethane-d4
Concen: 45.661 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

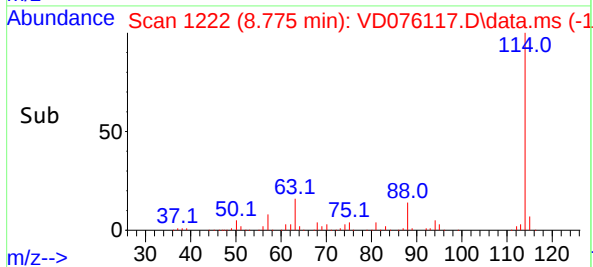
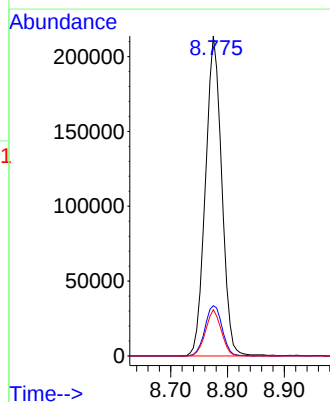
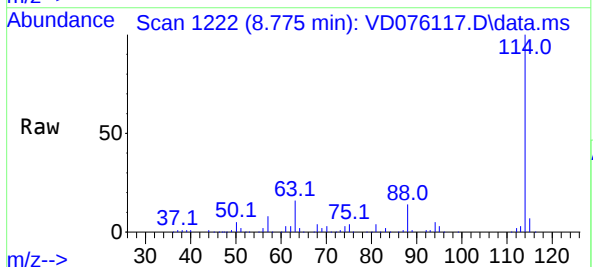
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

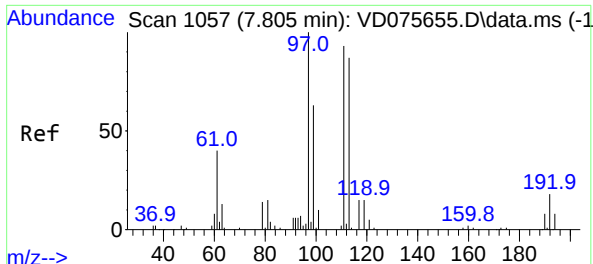
Tgt Ion: 65 Resp: 119222
Ion Ratio Lower Upper
65 100
67 57.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:114 Resp: 424484
Ion Ratio Lower Upper
114 100
63 15.7 0.0 41.6
88 14.5 0.0 30.6

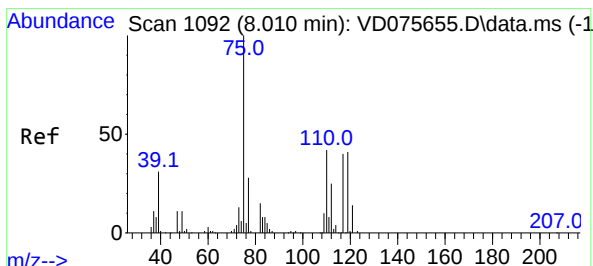
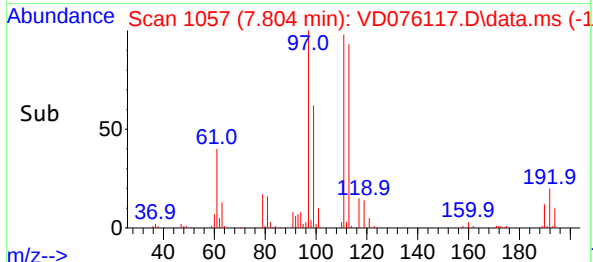
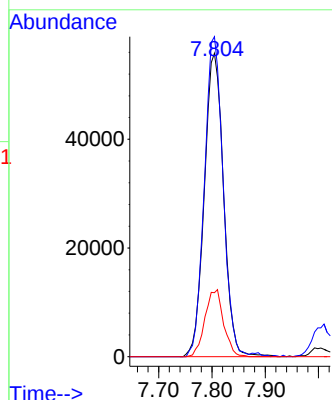
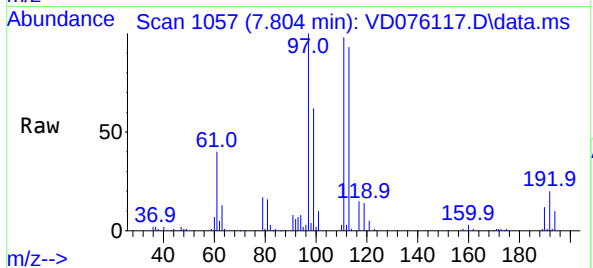




#35
Dibromofluoromethane
Concen: 47.797 ug/l
RT: 7.804 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

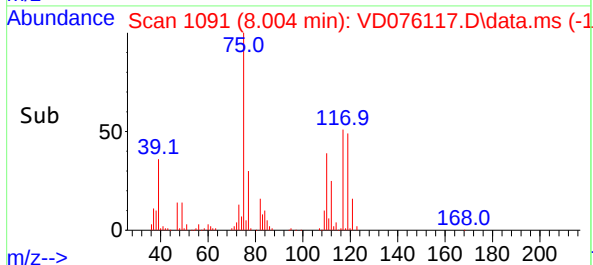
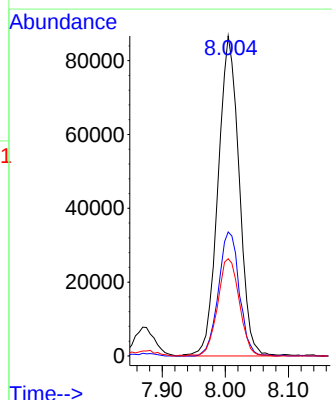
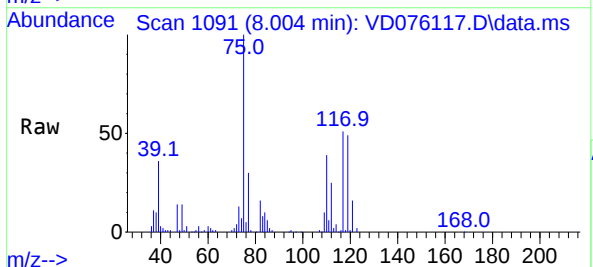
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

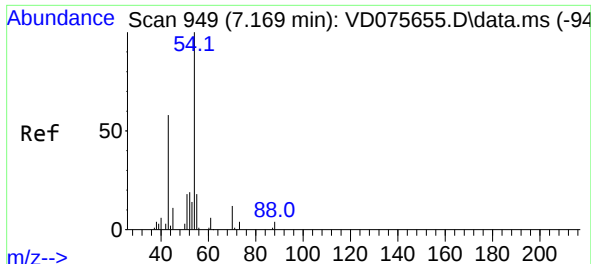
Tgt Ion:113 Resp: 140242
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.651 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 75 Resp: 200712
Ion Ratio Lower Upper
75 100
110 38.3 17.1 51.2
77 31.3 24.6 36.8

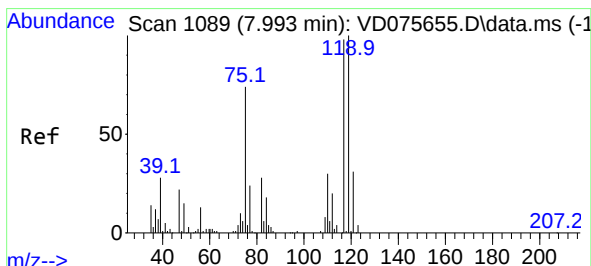
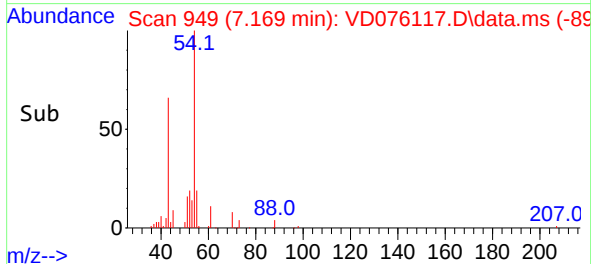
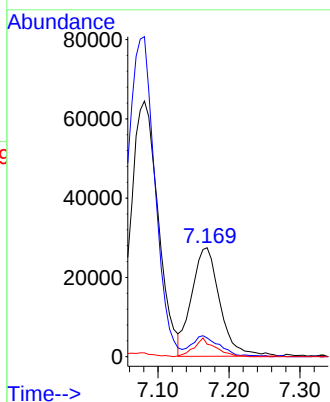
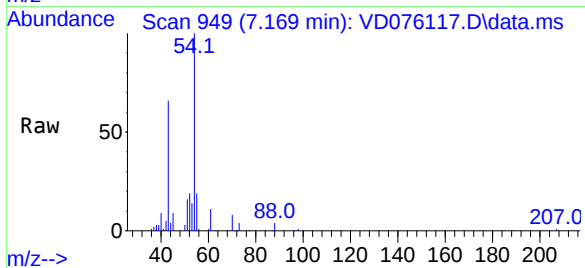




#37
Ethyl Acetate
Concen: 55.085 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

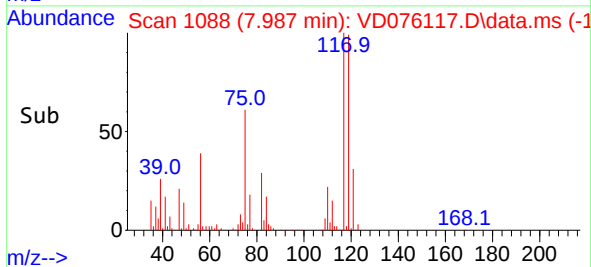
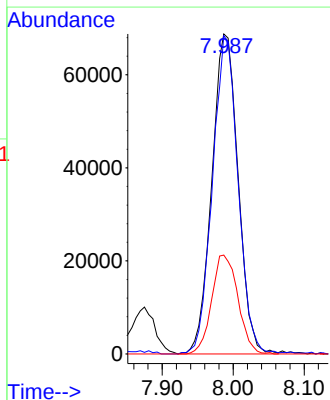
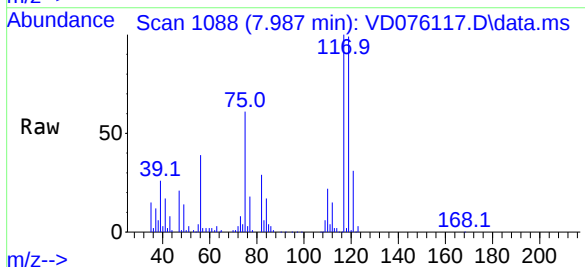
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

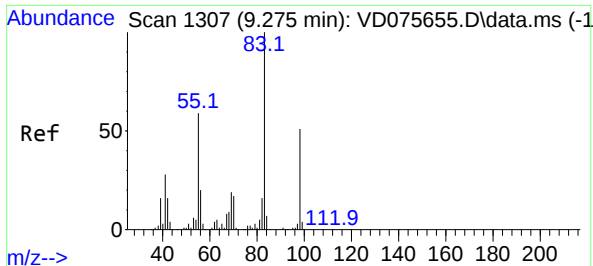
Tgt Ion: 43 Resp: 75587
Ion Ratio Lower Upper
43 100
61 19.3 0.0 0.0#
70 12.8 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 49.244 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 117 Resp: 176260
Ion Ratio Lower Upper
117 100
119 99.4 74.7 112.1
121 30.9 25.9 38.9





#39

Methylcyclohexane

Concen: 51.575 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

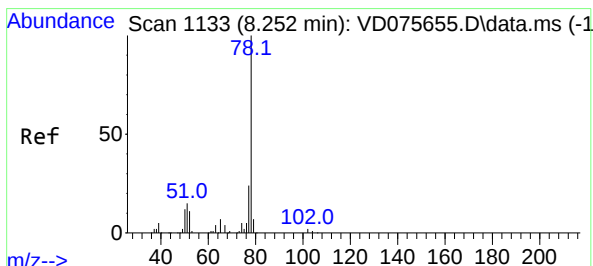
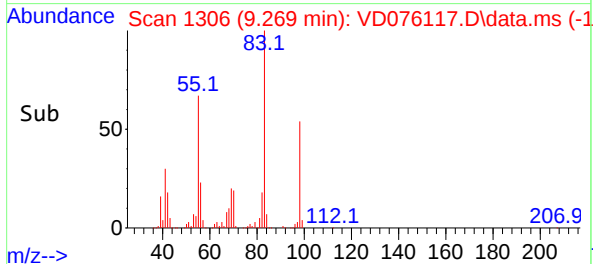
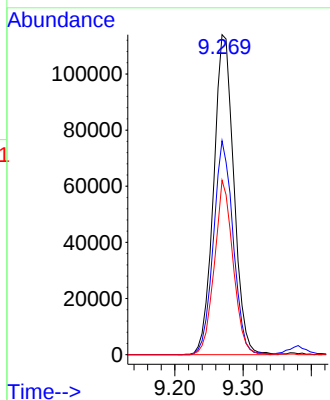
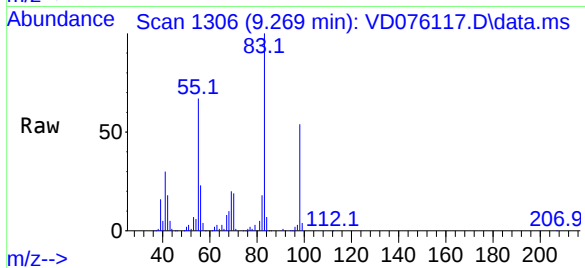
Tgt Ion: 83 Resp: 235299

Ion Ratio Lower Upper

83 100

55 66.8 56.8 85.2

98 54.5 38.9 58.3



#40

Benzene

Concen: 48.403 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076117.D

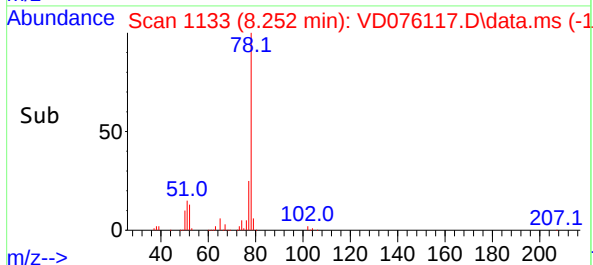
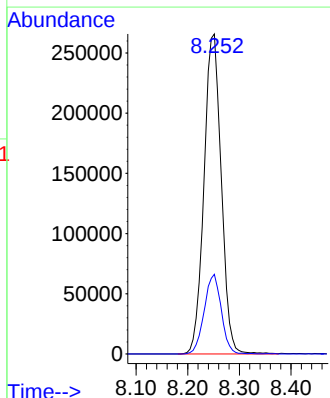
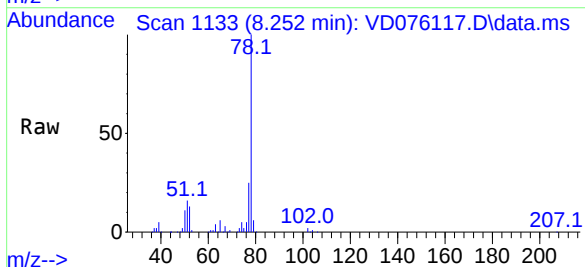
Acq: 15 May 2023 17:33

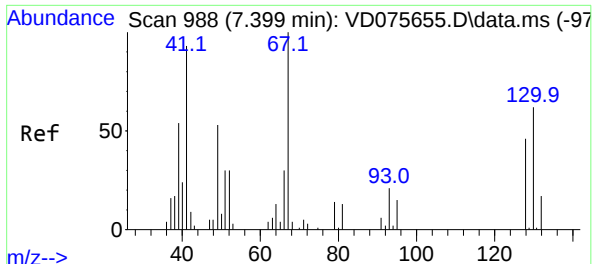
Tgt Ion: 78 Resp: 616656

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7

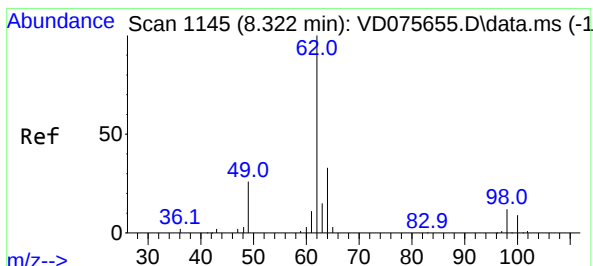
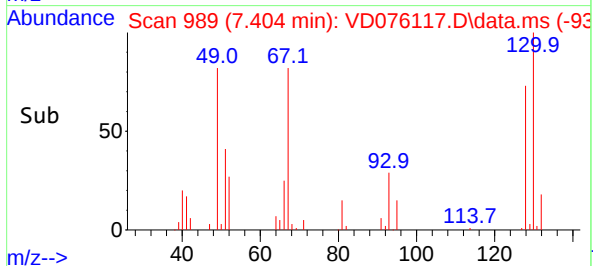
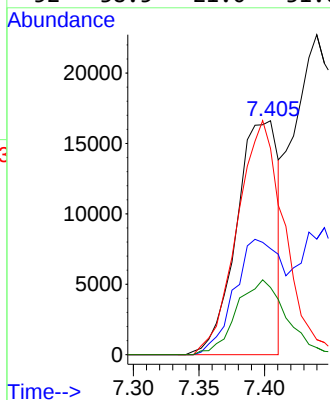
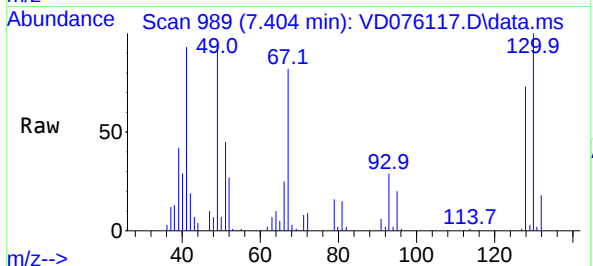




#41
Methacrylonitrile
Concen: 48.667 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

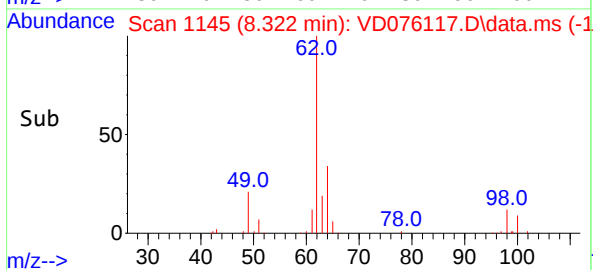
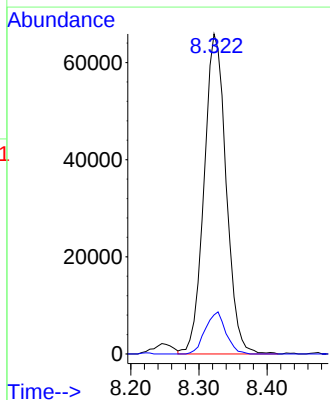
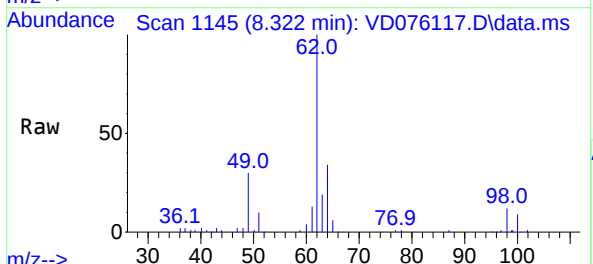
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

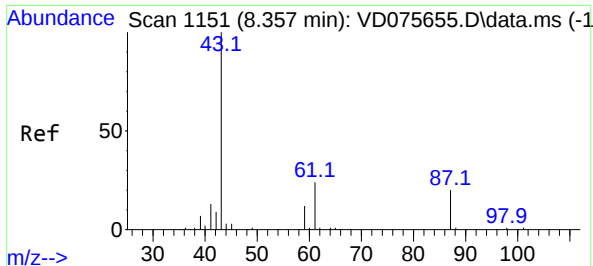
Tgt Ion: 41 Resp: 36617
Ion Ratio Lower Upper
41 100
39 55.9 45.3 67.9
67 113.8 50.5 75.7#
52 38.5 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 49.275 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 62 Resp: 148484
Ion Ratio Lower Upper
62 100
98 12.2 0.0 18.8

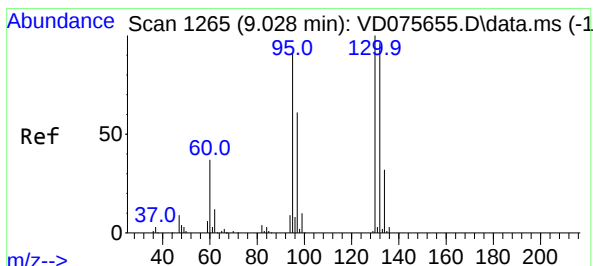
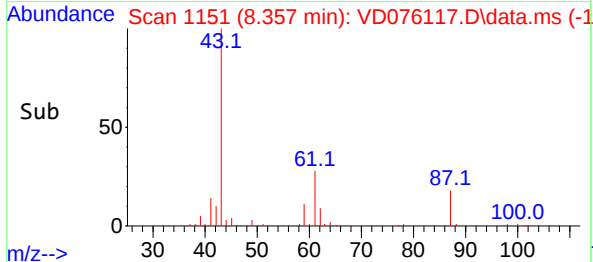
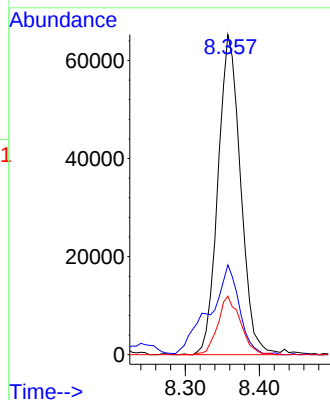
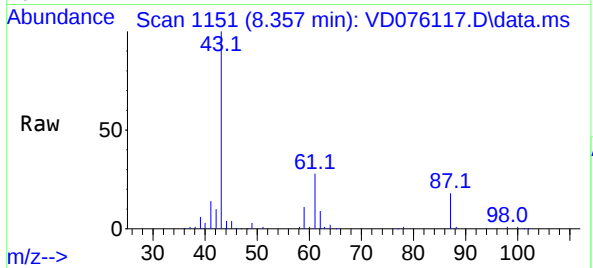




#43
Isopropyl Acetate
Concen: 53.876 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

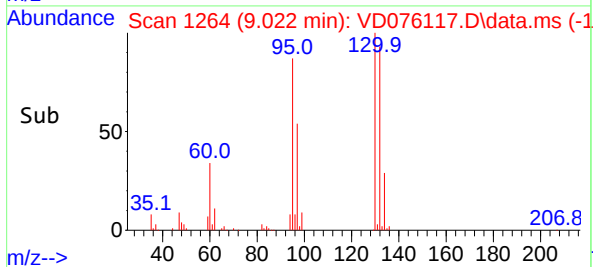
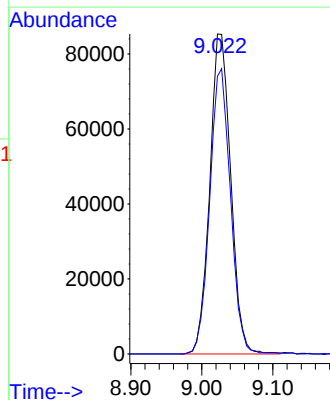
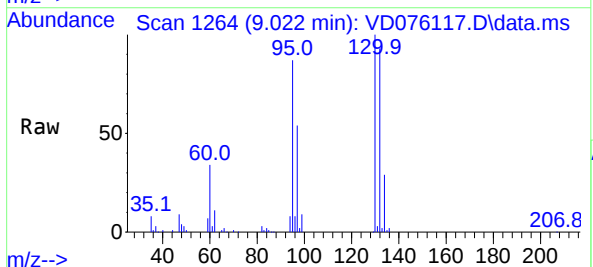
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

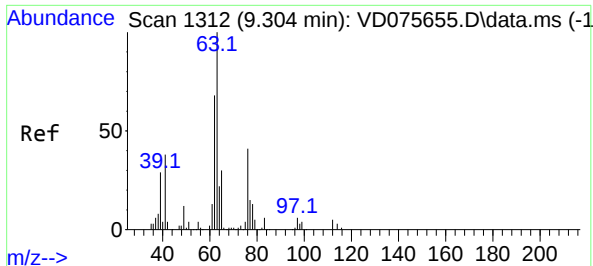
Tgt Ion: 43 Resp: 138101
Ion Ratio Lower Upper
43 100
61 37.2 23.4 35.0#
87 18.3 9.5 14.3#



#44
Trichloroethene
Concen: 48.685 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:130 Resp: 174800
Ion Ratio Lower Upper
130 100
95 86.8 0.0 197.6

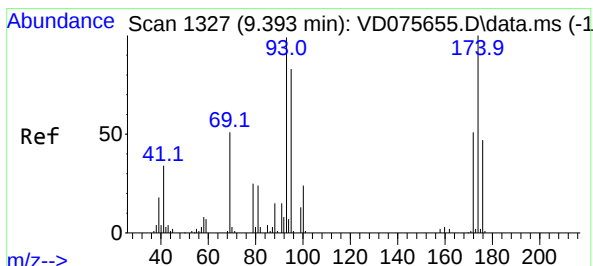
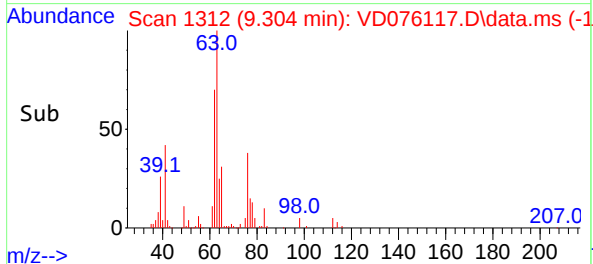
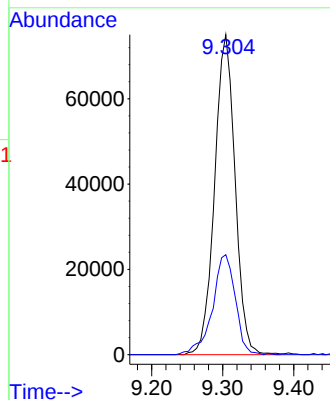
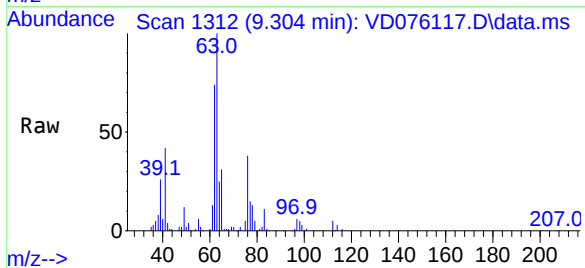




#45
1,2-Dichloropropane
Concen: 47.720 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

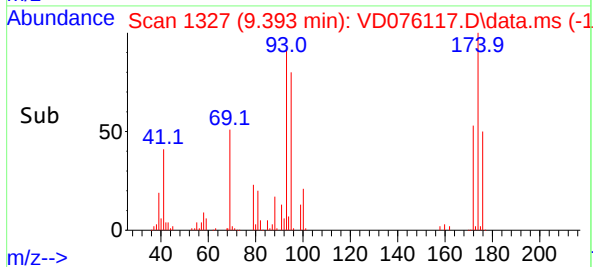
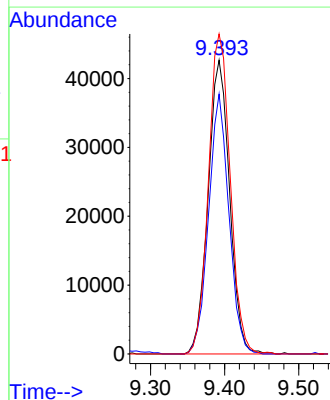
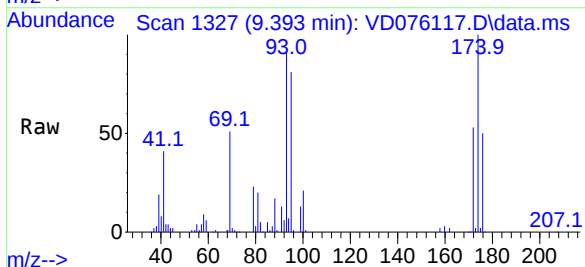
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

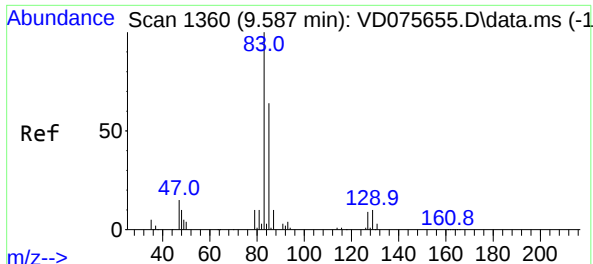
Tgt Ion: 63 Resp: 149959
Ion Ratio Lower Upper
63 100
65 31.2 23.0 34.4



#46
Dibromomethane
Concen: 48.762 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 93 Resp: 85891
Ion Ratio Lower Upper
93 100
95 83.7 64.5 96.7
174 110.3 76.2 114.4

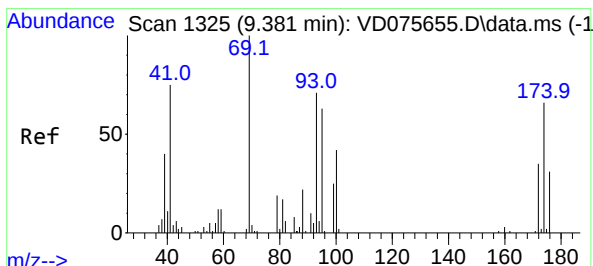
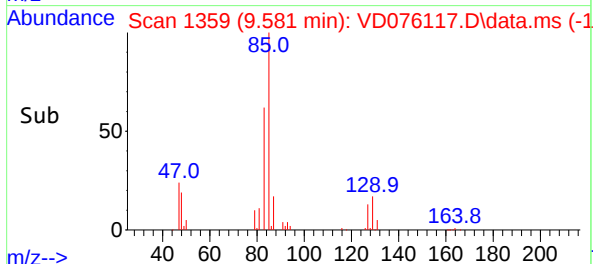
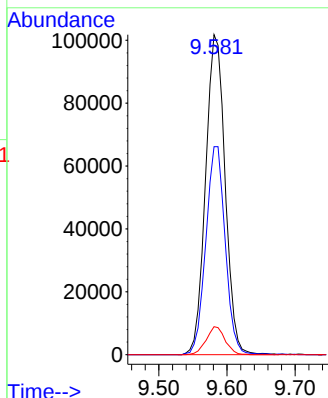
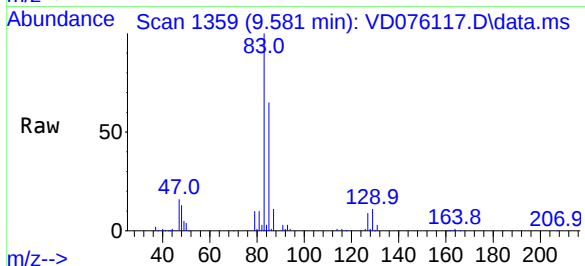




#47
Bromodichloromethane
Concen: 48.018 ug/l
RT: 9.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

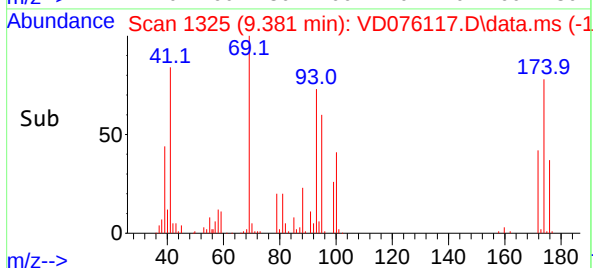
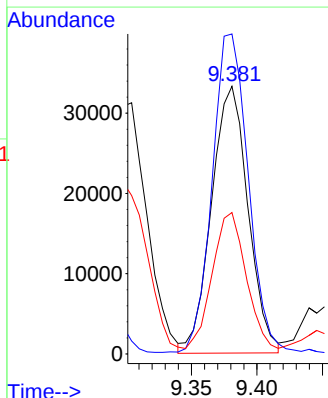
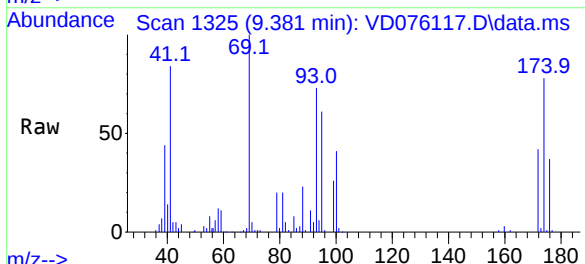
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

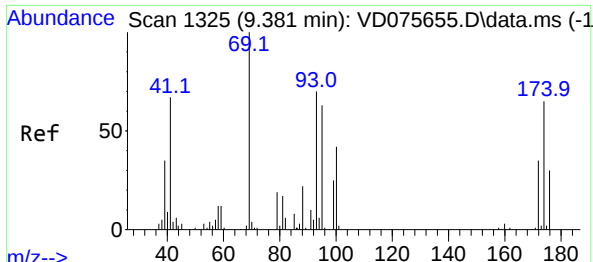
Tgt Ion: 83 Resp: 203277
Ion Ratio Lower Upper
83 100
85 65.0 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 56.784 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

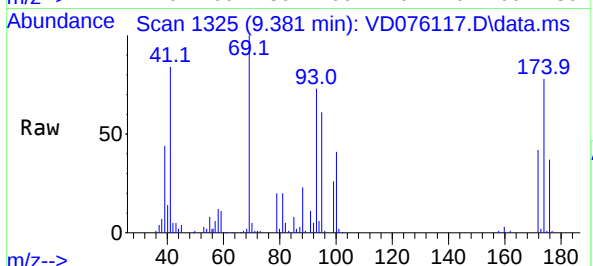
Tgt Ion: 41 Resp: 64420
Ion Ratio Lower Upper
41 100
69 119.8 58.6 88.0#
39 51.0 53.4 80.0#



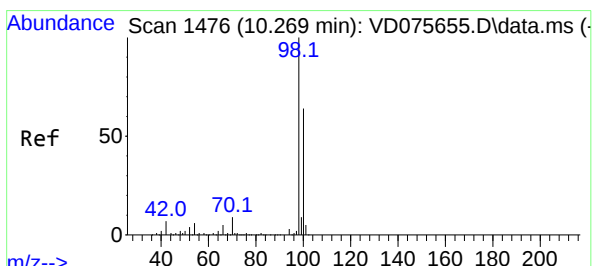
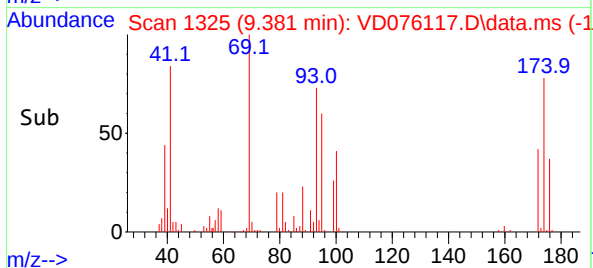
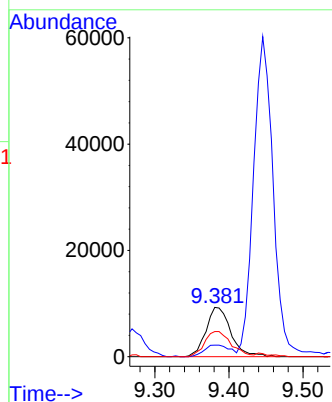


#49
1,4-Dioxane
Concen: 1145.622 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

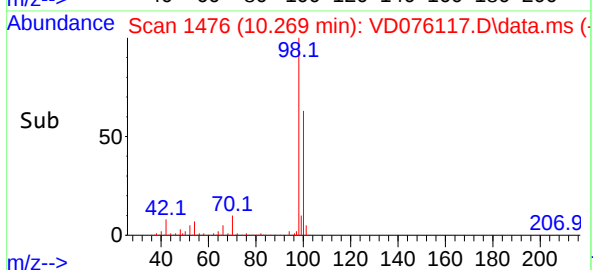
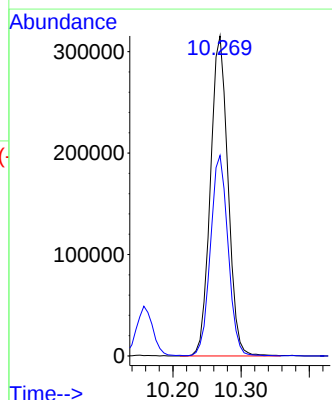
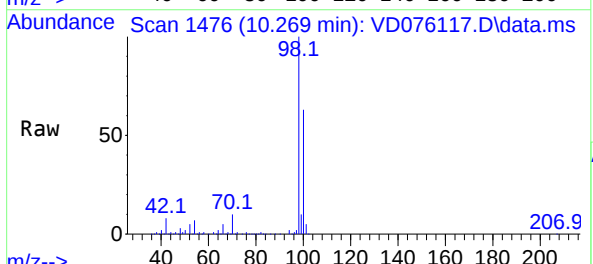


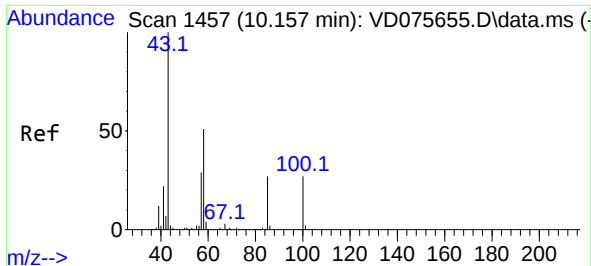
Tgt Ion: 88 Resp: 21579
Ion Ratio Lower Upper
88 100
43 24.4 34.6 51.8#
58 54.6 58.0 87.0#



#50
Toluene-d8
Concen: 49.516 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 98 Resp: 566357
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1

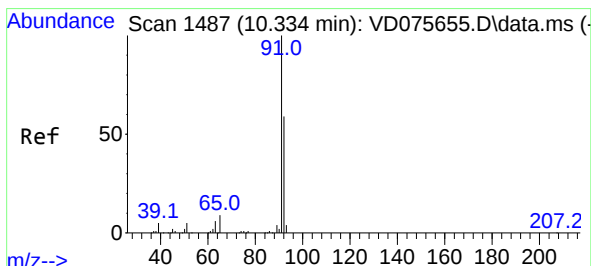
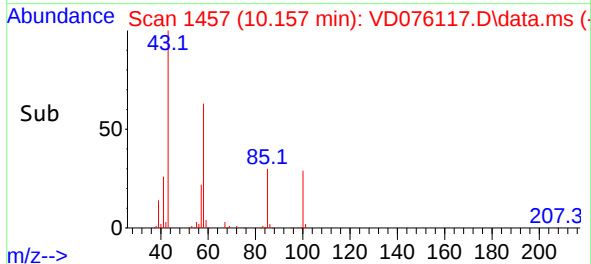
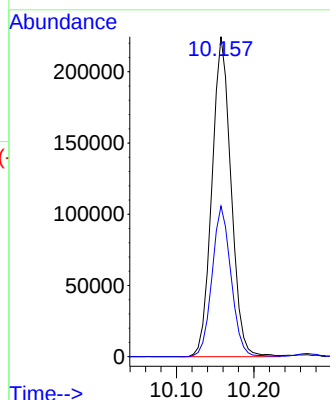
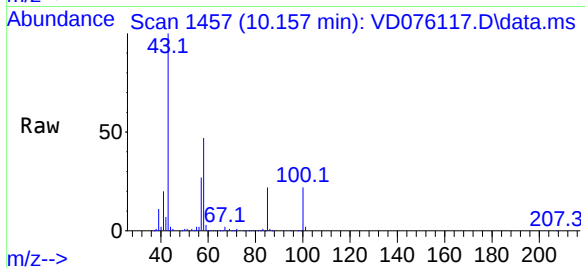




#51
4-Methyl-2-Pentanone
Concen: 283.312 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

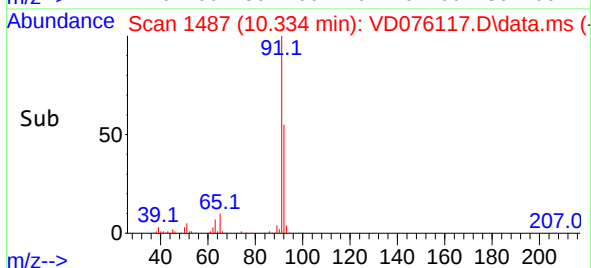
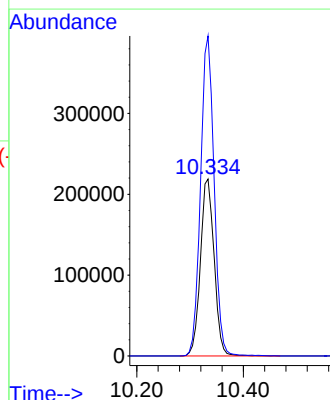
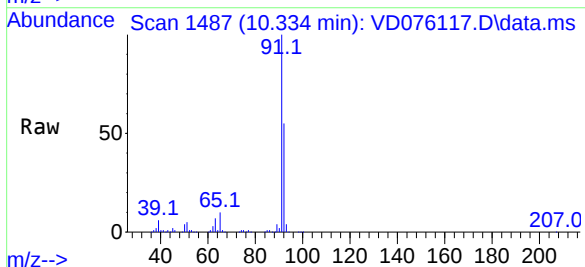
Instrument : MSVOA_D
ClientSampleId : ICVVD051523

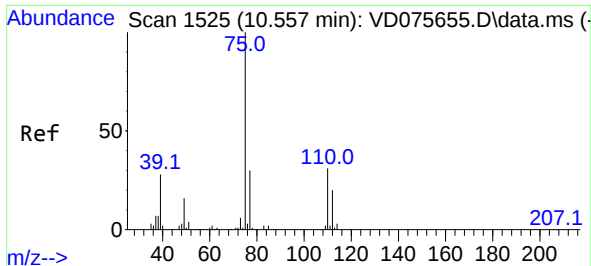
Tgt Ion: 43 Resp: 386235
Ion Ratio Lower Upper
43 100
58 46.8 29.5 44.3#



#52
Toluene
Concen: 49.183 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 92 Resp: 391346
Ion Ratio Lower Upper
92 100
91 178.7 136.5 204.7

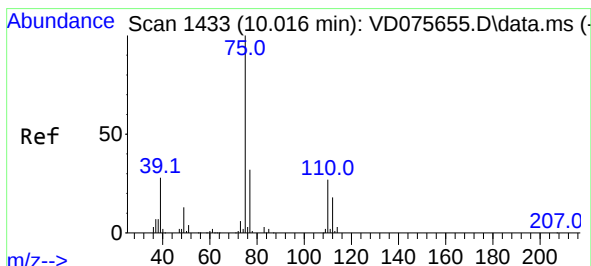
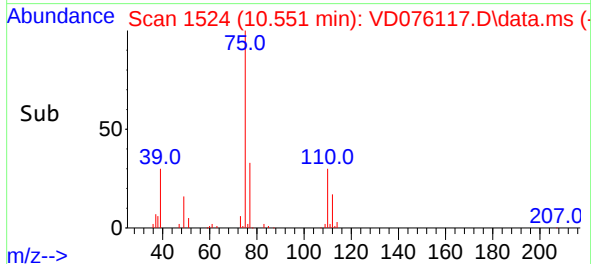
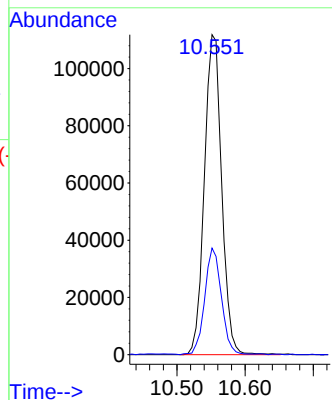
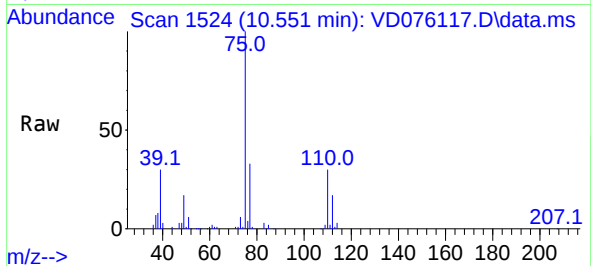




#53
t-1,3-Dichloropropene
Concen: 51.723 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

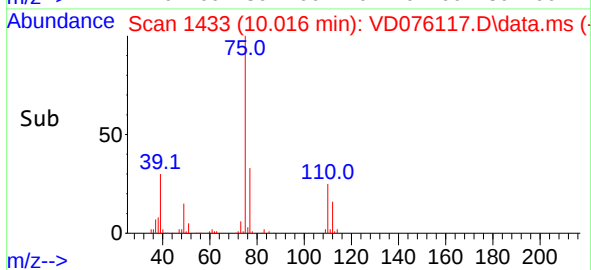
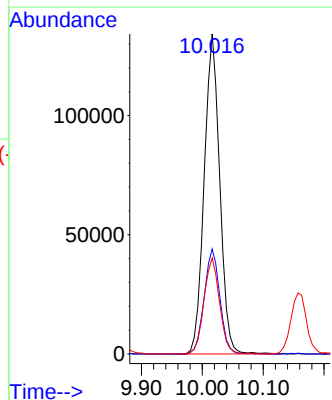
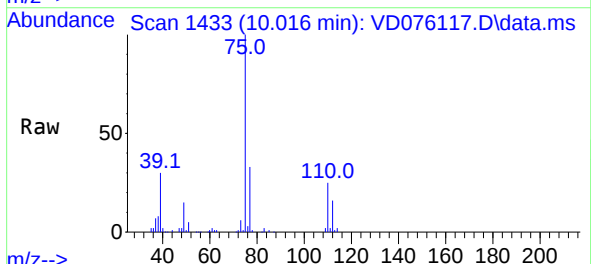
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

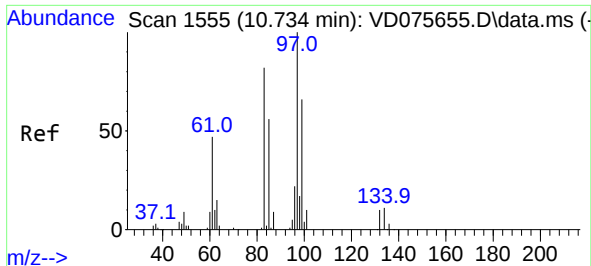
Tgt Ion: 75 Resp: 197344
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 51.186 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 75 Resp: 238338
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
39 30.0 44.8 67.2#



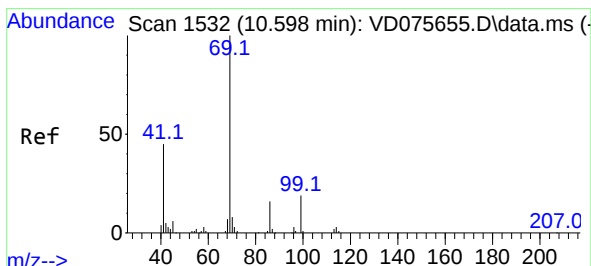
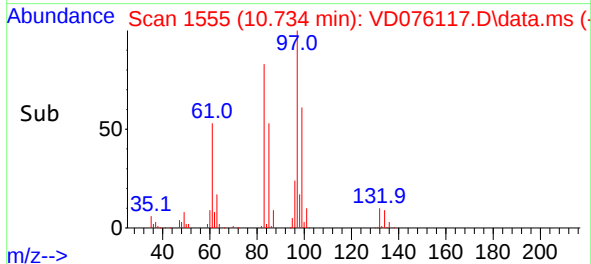
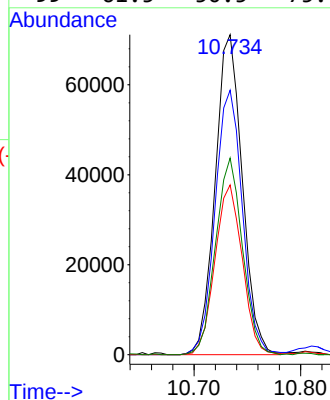
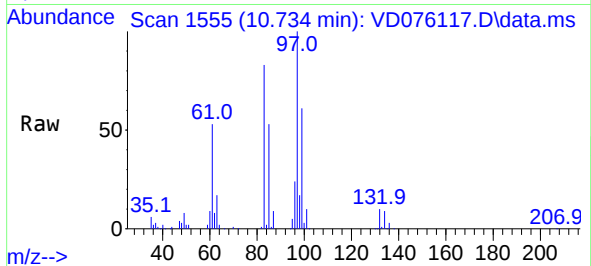


#55
1,1,2-Trichloroethane
Concen: 49.822 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Instrument : MSVOA_D
ClientSampleId : ICVVD051523

Tgt Ion: 97 Resp: 125849

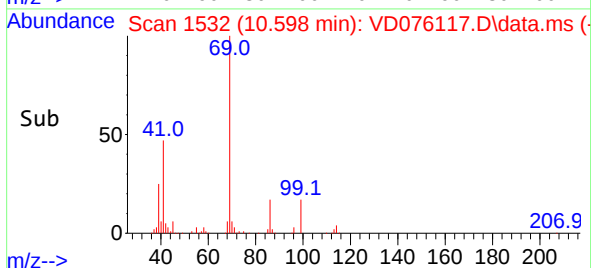
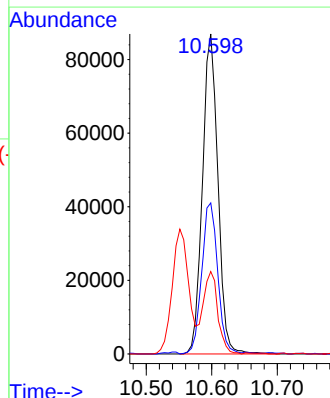
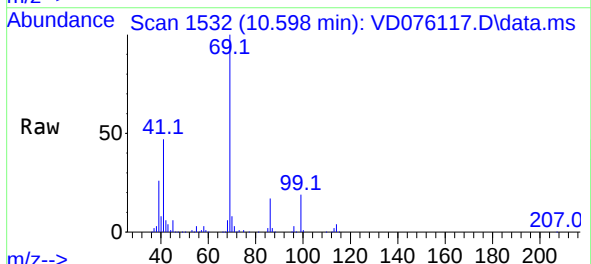
Ion	Ratio	Lower	Upper
97	100		
83	82.6	74.2	111.4
85	53.1	45.4	68.0
99	61.5	50.5	75.7

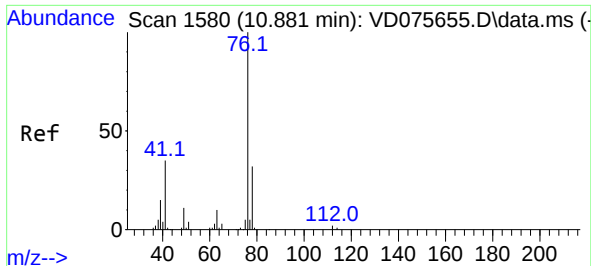


#56
Ethyl methacrylate
Concen: 56.263 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 69 Resp: 142849

Ion	Ratio	Lower	Upper
69	100		
41	49.4	59.3	88.9#
39	25.0	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 50.336 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

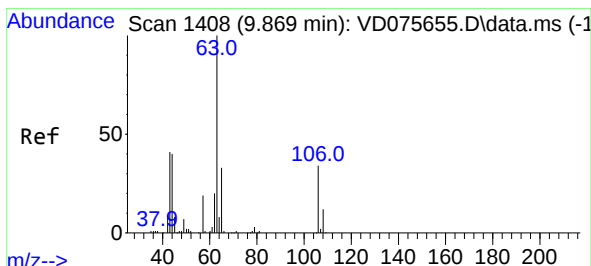
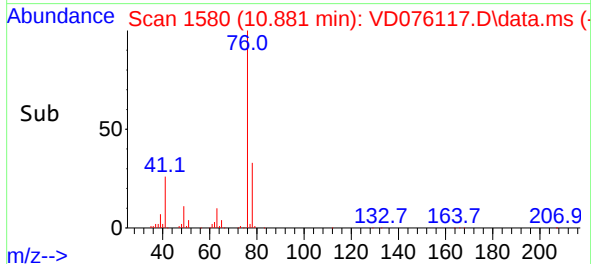
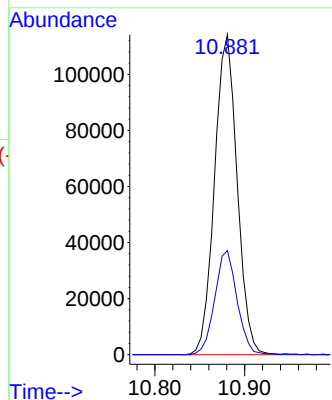
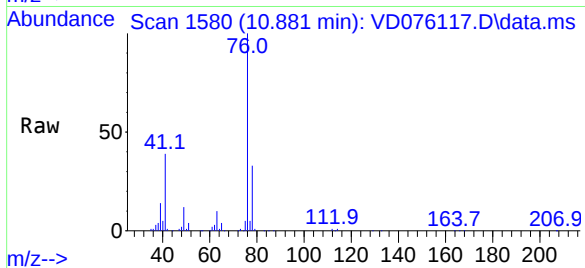
ICVVD051523

Tgt Ion: 76 Resp: 199475

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.840 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076117.D

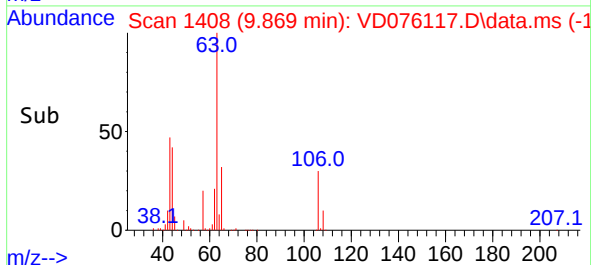
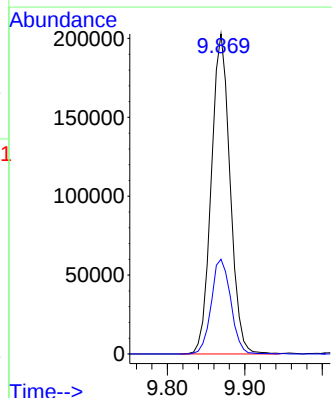
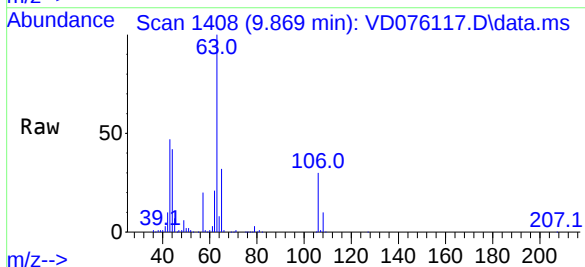
Acq: 15 May 2023 17:33

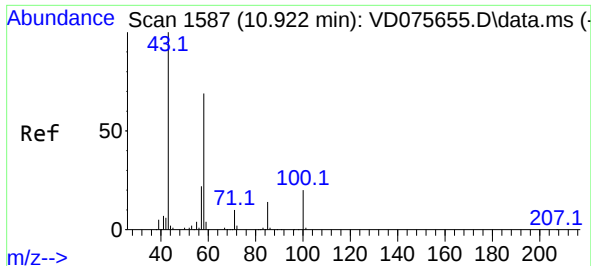
Tgt Ion: 63 Resp: 340899

Ion Ratio Lower Upper

63 100

106 30.7 21.4 32.2

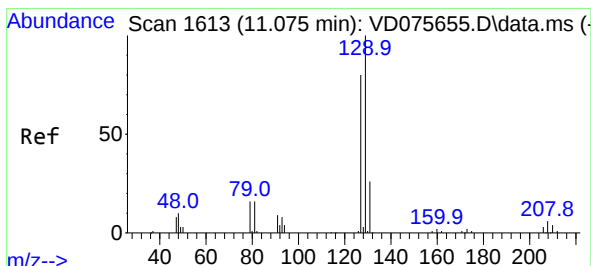
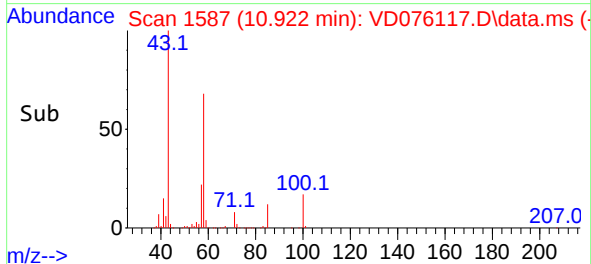
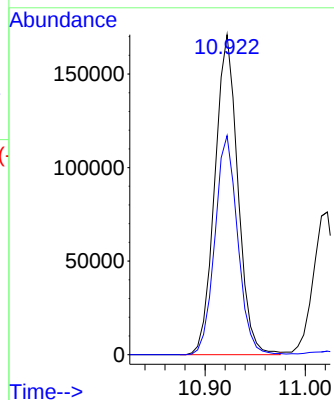
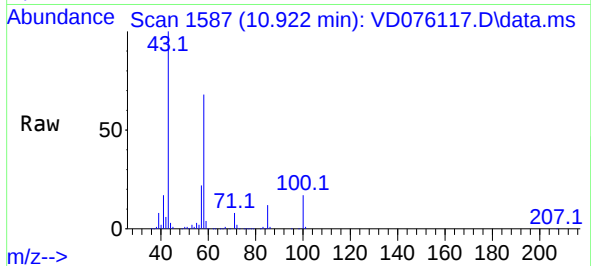




#59
2-Hexanone
Concen: 283.766 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

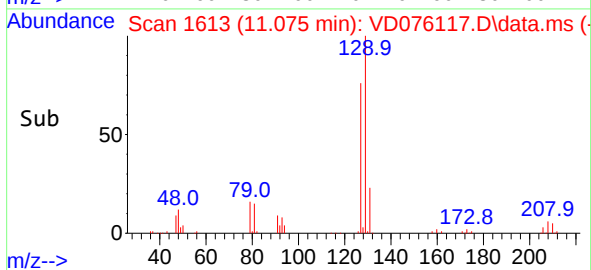
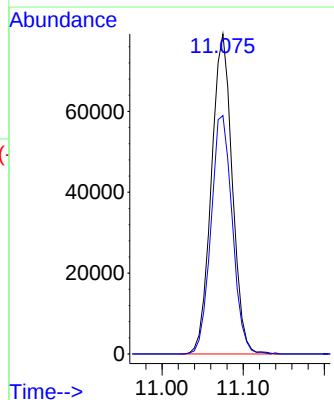
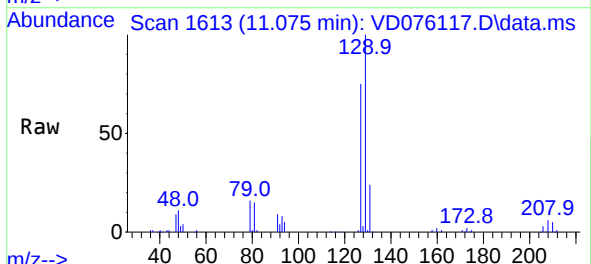
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

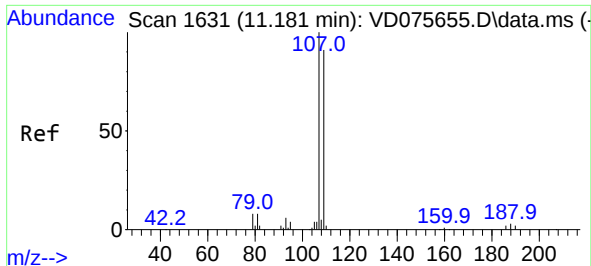
Tgt Ion: 43 Resp: 272820
Ion Ratio Lower Upper
43 100
58 67.6 25.3 75.8



#60
Dibromochloromethane
Concen: 49.762 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 129 Resp: 141334
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5

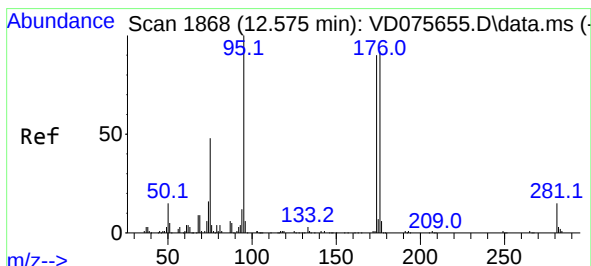
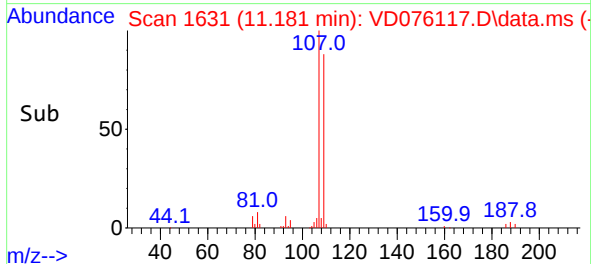
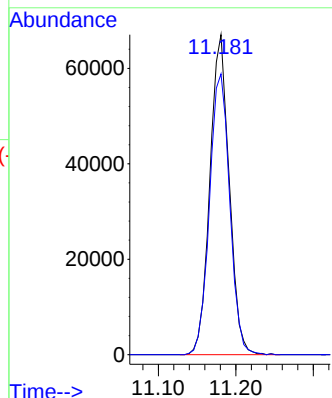
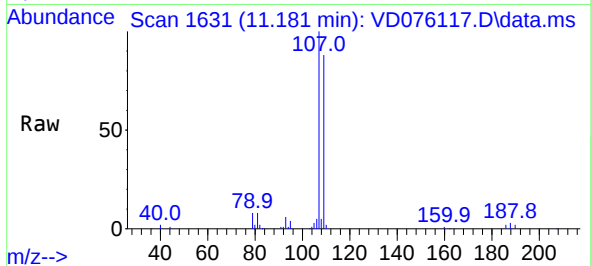




#61
1,2-Dibromoethane
Concen: 51.513 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

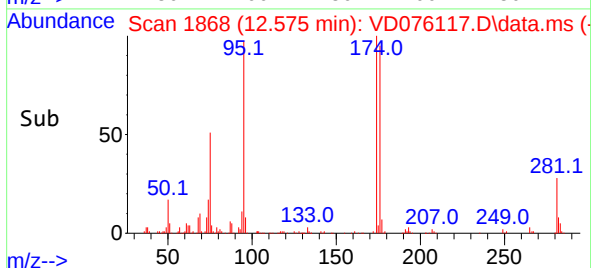
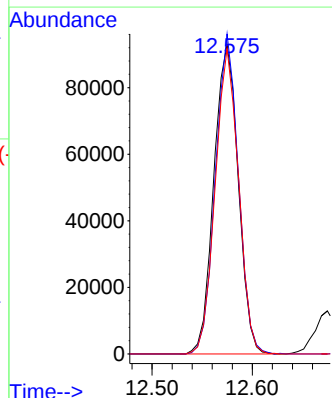
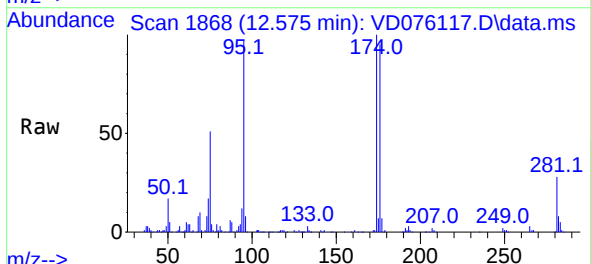
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

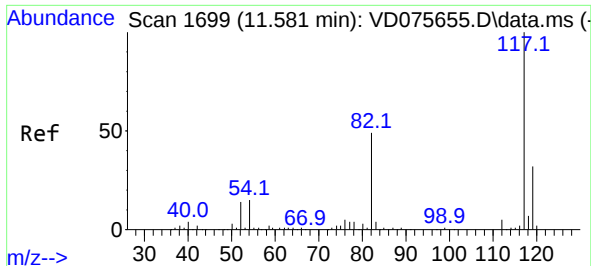
Tgt Ion:107 Resp: 115749
Ion Ratio Lower Upper
107 100
109 92.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 49.289 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 95 Resp: 156606
Ion Ratio Lower Upper
95 100
174 97.8 0.0 164.0
176 94.6 0.0 156.8

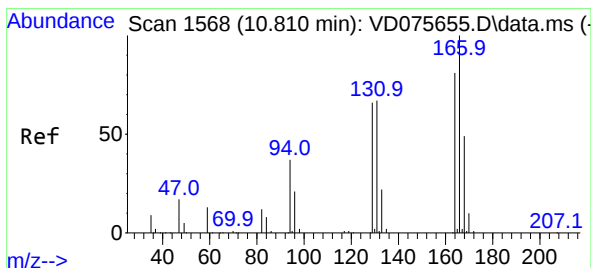
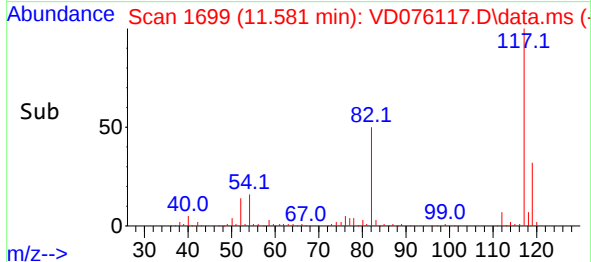
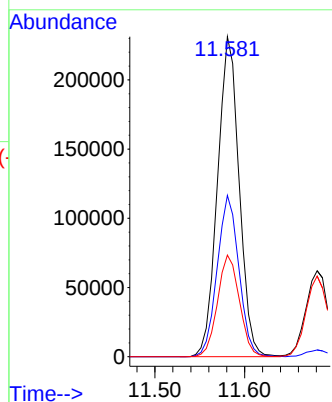
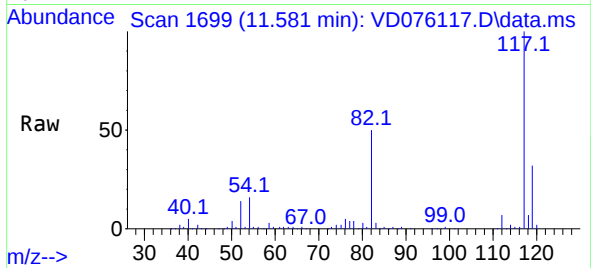




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

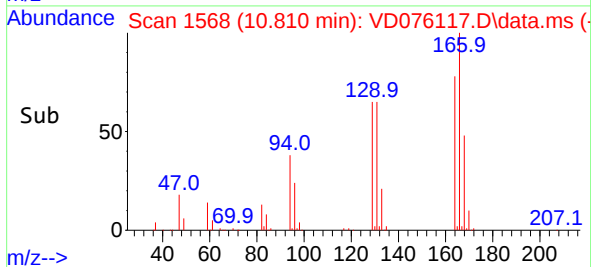
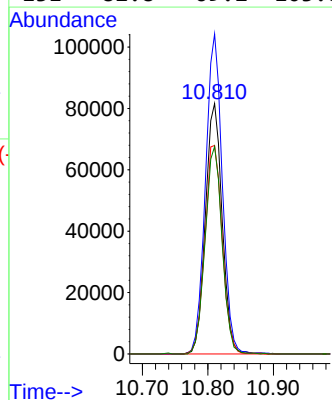
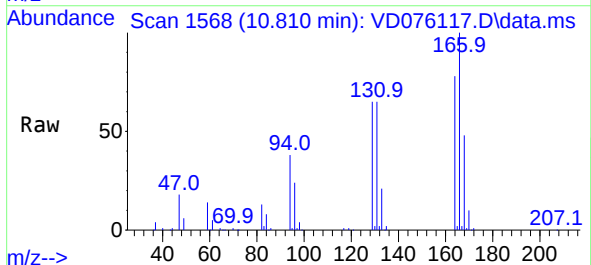
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

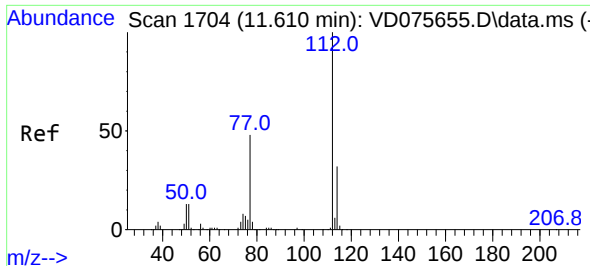
Tgt Ion:117 Resp: 387804
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 48.794 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:164 Resp: 145508
Ion Ratio Lower Upper
164 100
166 127.8 94.9 142.3
129 83.3 73.0 109.6
131 82.8 69.2 103.8

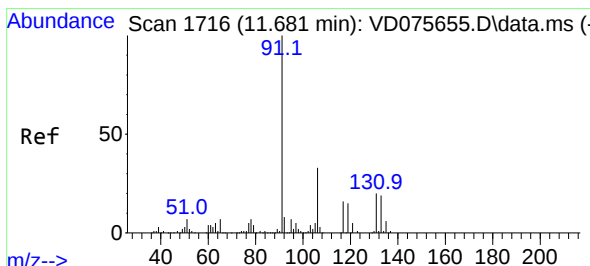
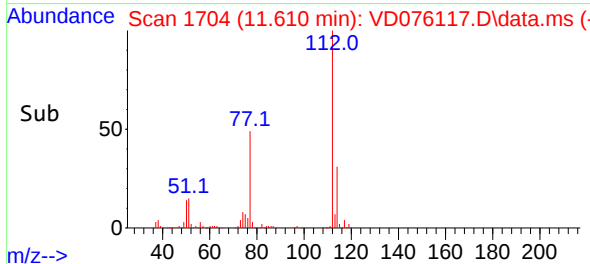
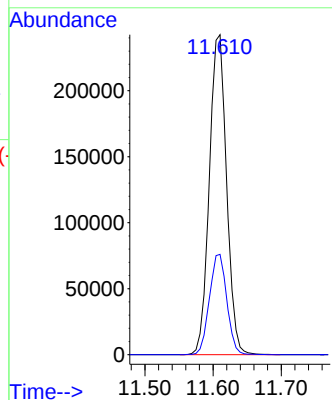
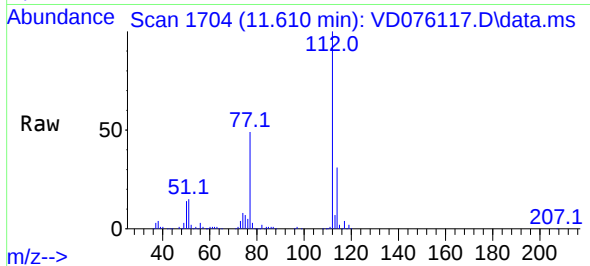




#65
Chlorobenzene
Concen: 48.341 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

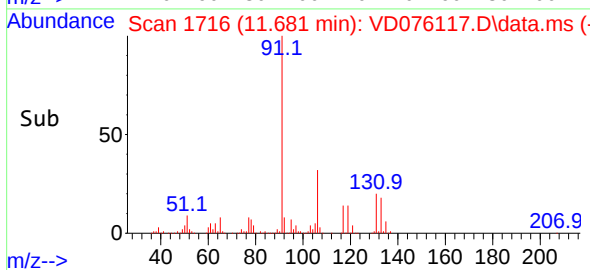
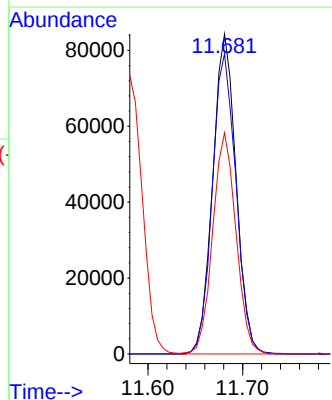
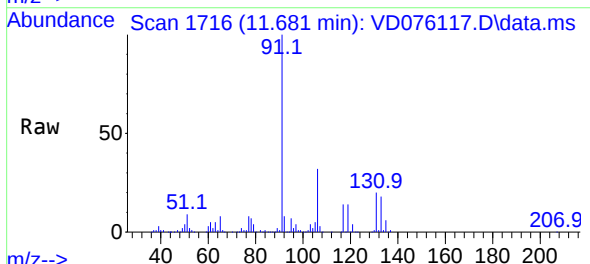
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

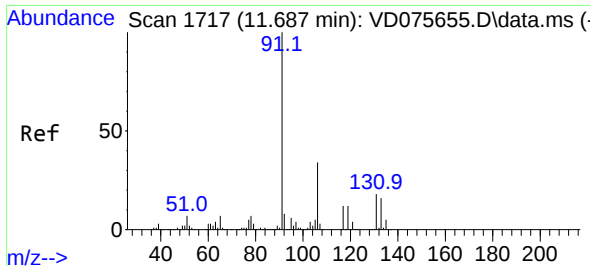
Tgt Ion:112 Resp: 426783
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.439 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:131 Resp: 144132
Ion Ratio Lower Upper
131 100
133 95.5 46.7 140.0
119 69.3 31.9 95.9

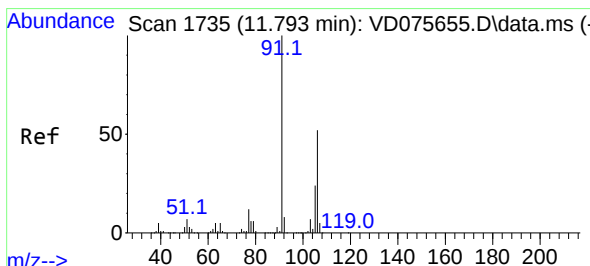
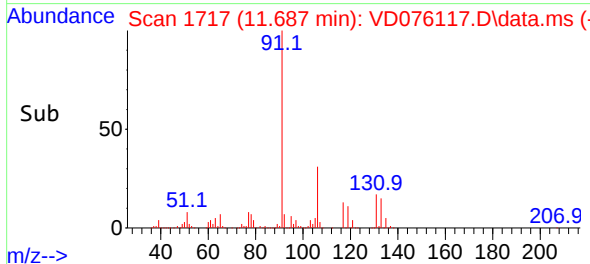
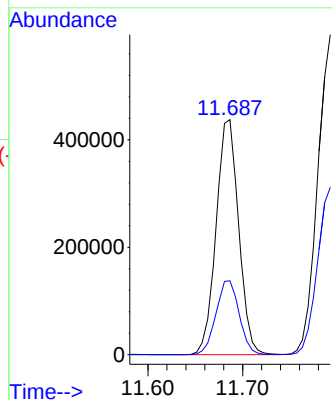
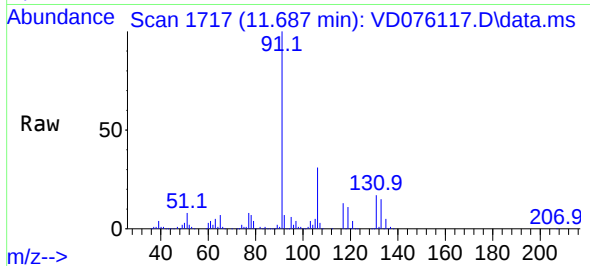




#67
Ethyl Benzene
Concen: 51.433 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

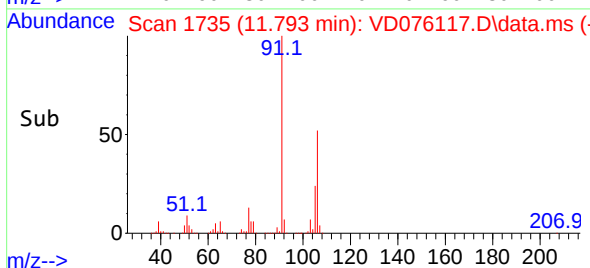
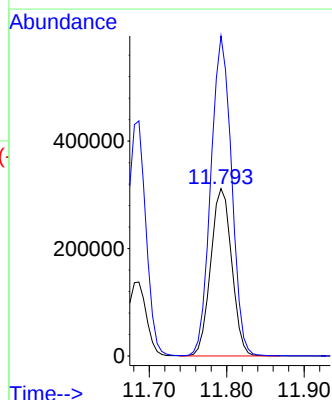
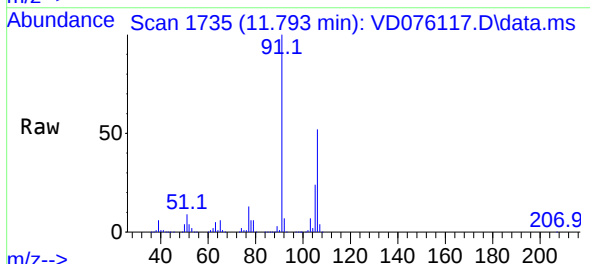
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

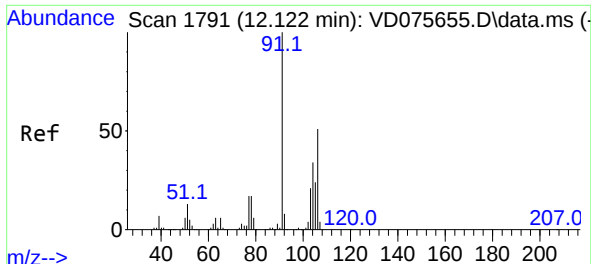
Tgt Ion: 91 Resp: 725593
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 101.749 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 106 Resp: 586655
Ion Ratio Lower Upper
106 100
91 188.9 161.5 242.3

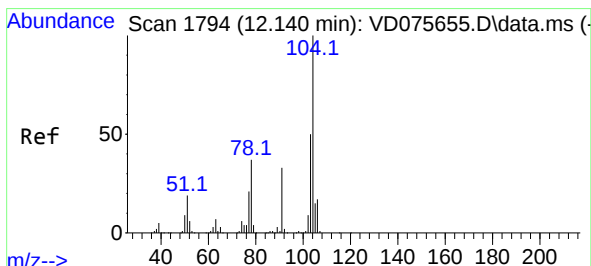
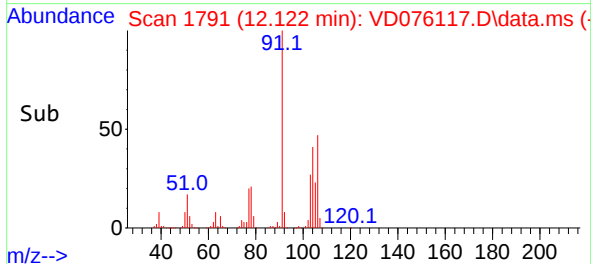
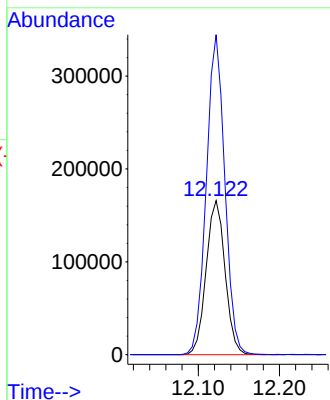
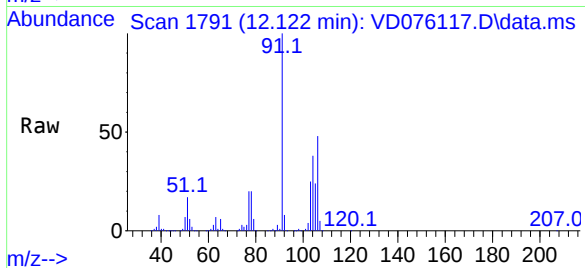




#69
o-Xylene
Concen: 50.952 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

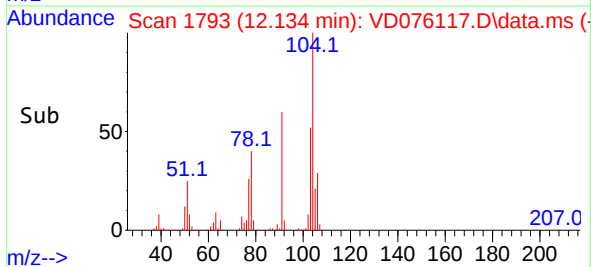
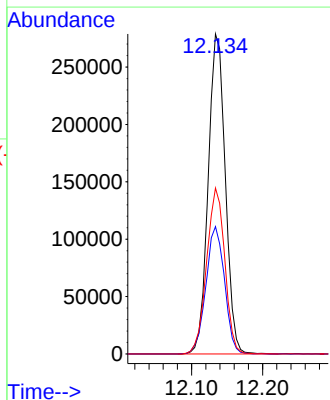
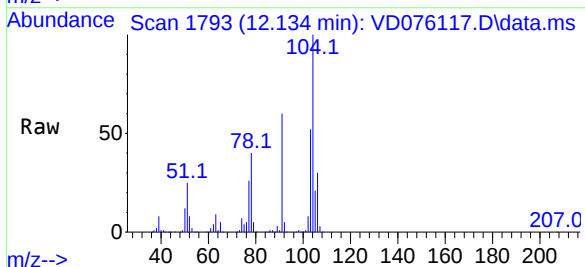
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

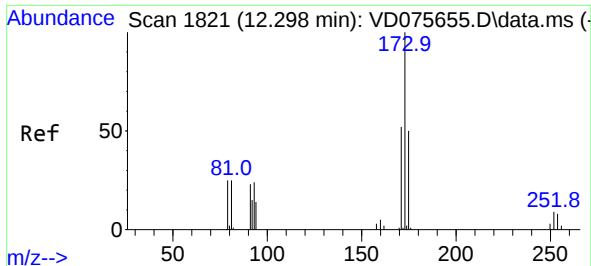
Tgt Ion:106 Resp: 268059
Ion Ratio Lower Upper
106 100
91 202.6 105.7 317.1



#70
Styrene
Concen: 51.202 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:104 Resp: 467028
Ion Ratio Lower Upper
104 100
78 43.4 40.2 60.4
103 55.1 44.2 66.2

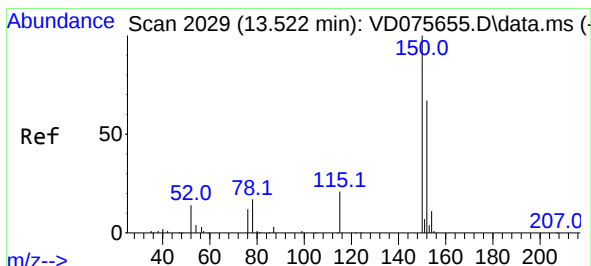
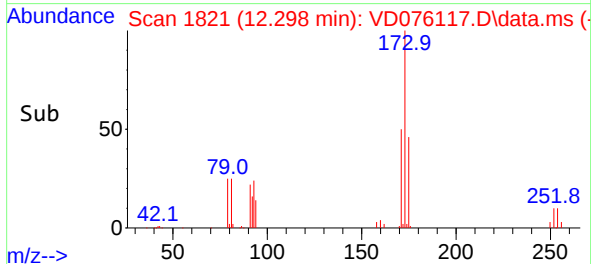
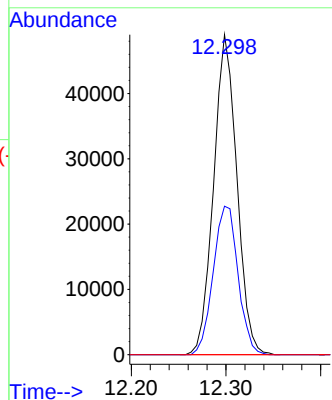
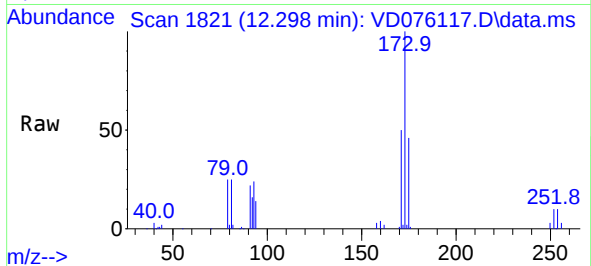




#71
Bromoform
Concen: 48.988 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

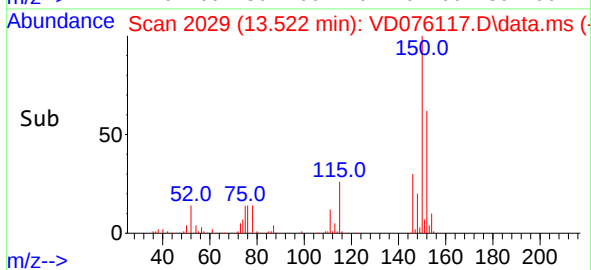
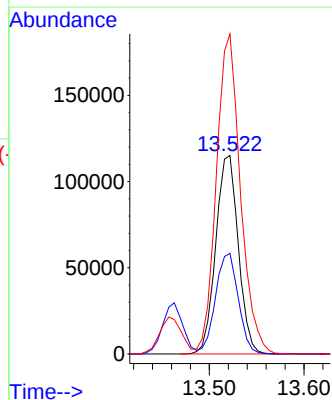
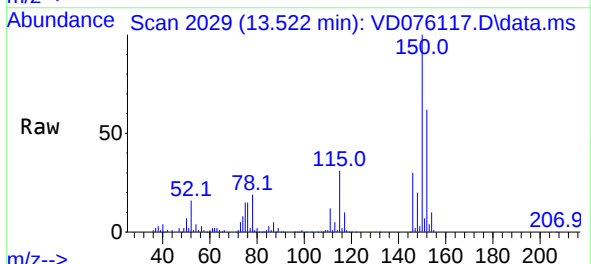
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

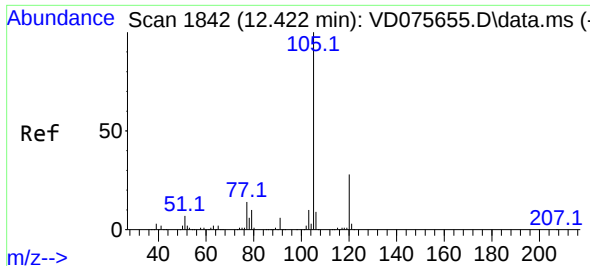
Tgt Ion:	173	Resp:	83719
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:	152	Resp:	190466
Ion Ratio	Lower	Upper	
152	100		
115	51.3	30.1	90.3
150	172.6	0.0	364.8

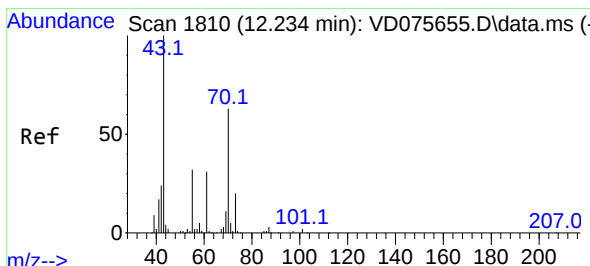
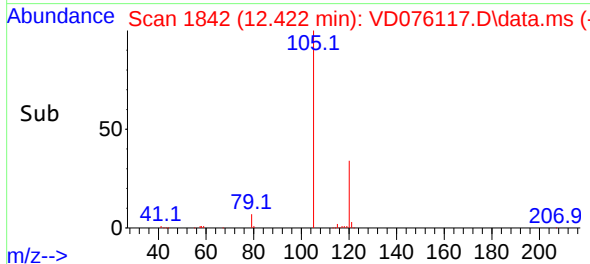
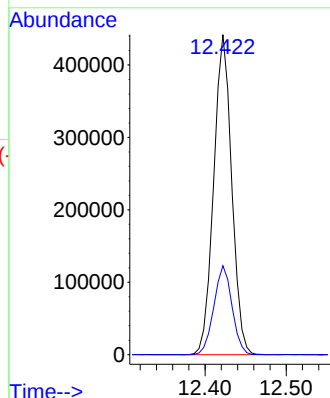
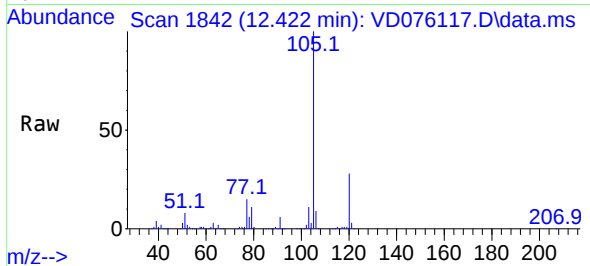




#73
Isopropylbenzene
Concen: 54.037 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

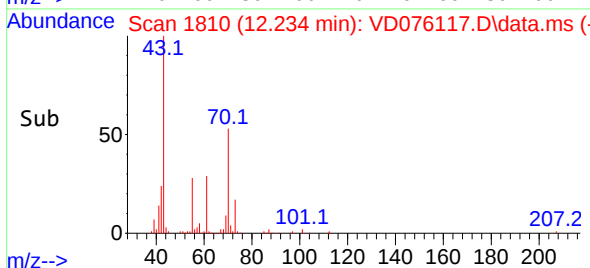
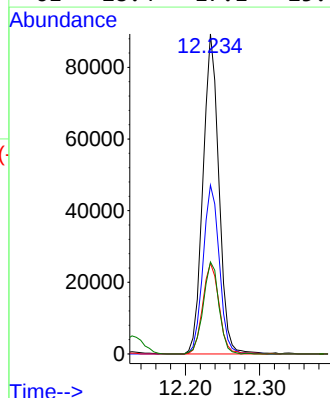
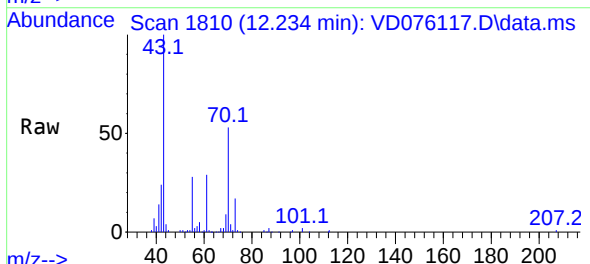
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

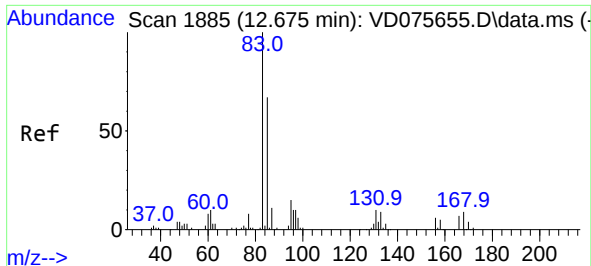
Tgt Ion:105 Resp: 680847
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 59.363 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 43 Resp: 133224
Ion Ratio Lower Upper
43 100
70 54.0 31.0 46.4#
55 29.2 18.6 28.0#
61 28.4 17.1 25.7#

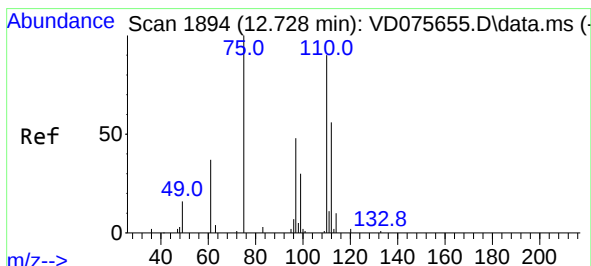
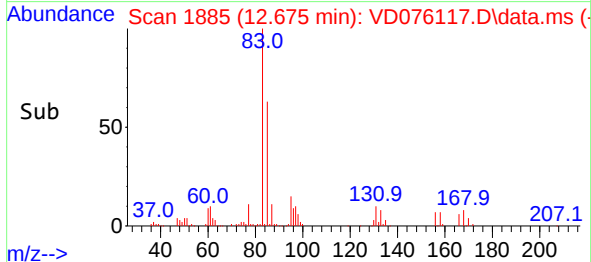
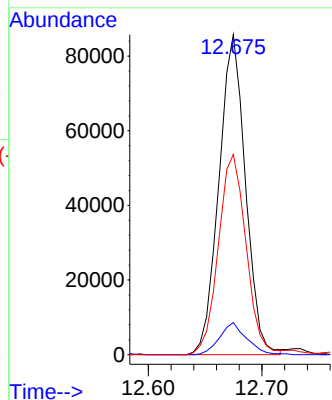
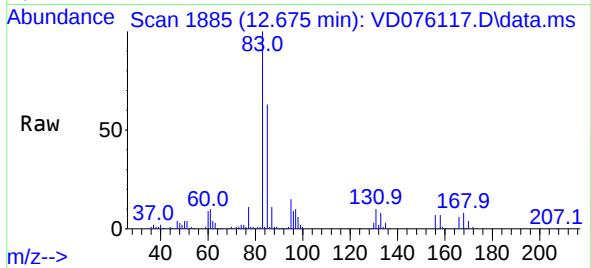




#75
1,1,2,2-Tetrachloroethane
Concen: 51.457 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

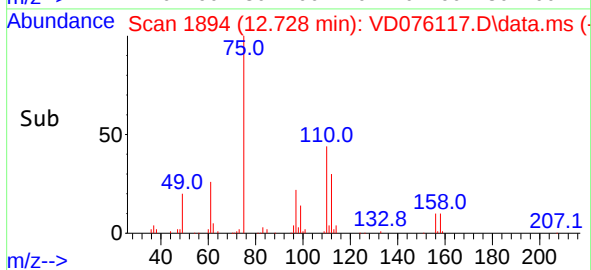
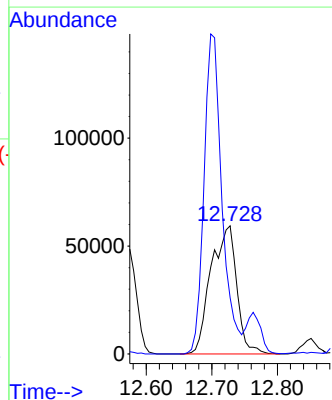
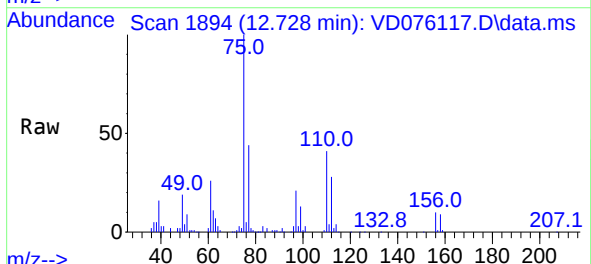
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

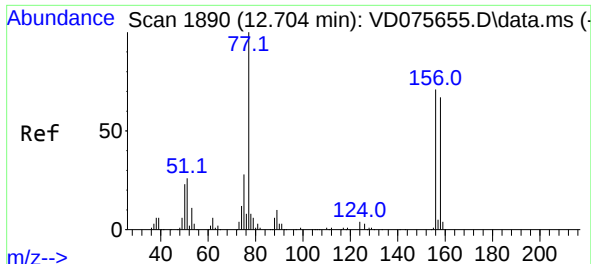
Tgt Ion: 83 Resp: 139342
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 66.2 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 97.377 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 75 Resp: 162302
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

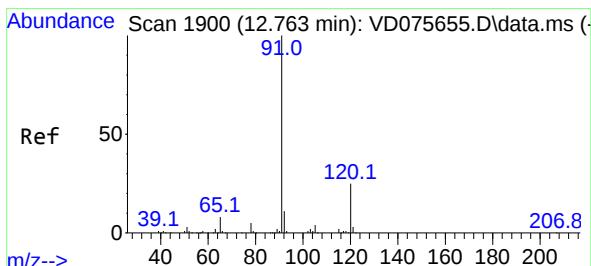
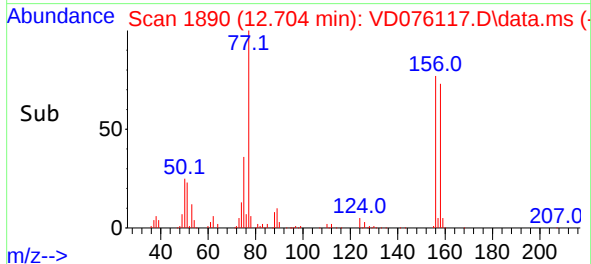
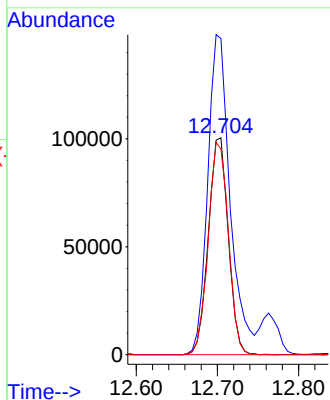
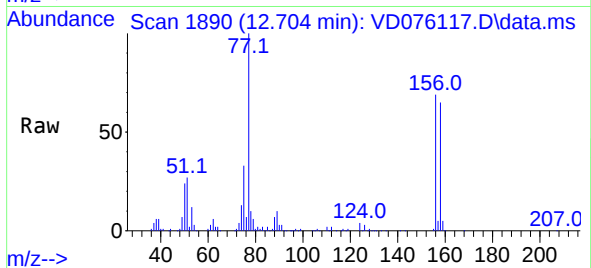




#77
Bromobenzene
Concen: 50.705 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

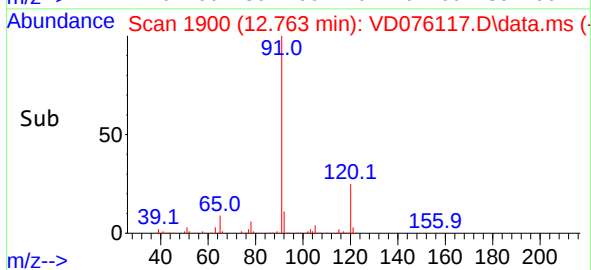
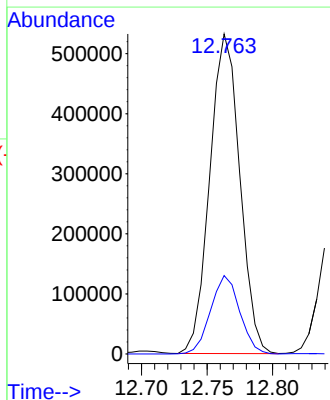
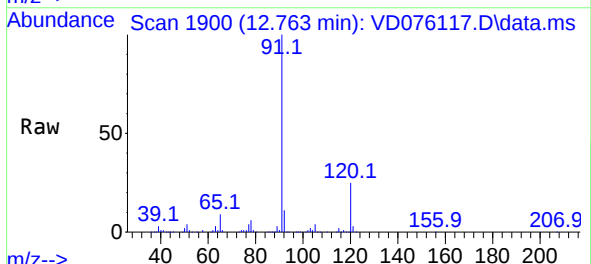
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

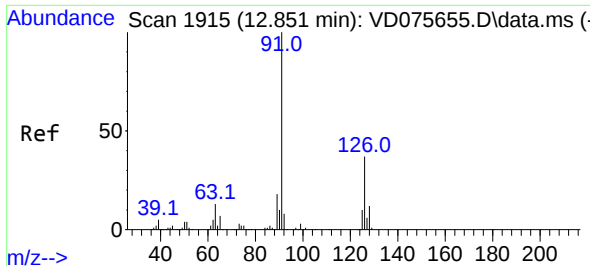
Tgt Ion:156 Resp: 171233
Ion Ratio Lower Upper
156 100
77 165.3 89.5 268.6
158 99.1 47.8 143.4



#78
n-propylbenzene
Concen: 54.025 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 91 Resp: 847272
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2

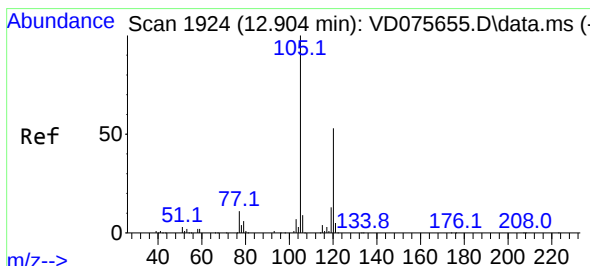
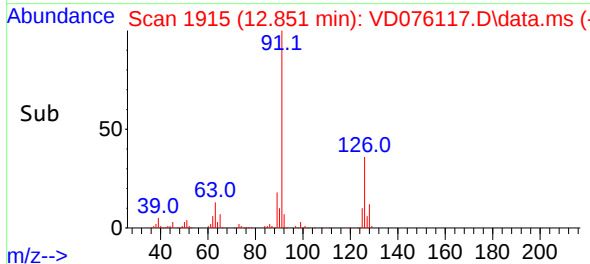
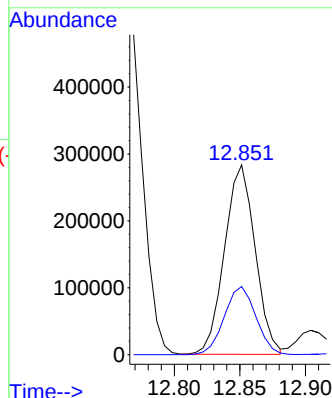
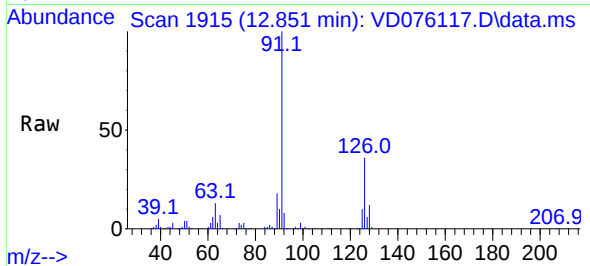




#79
2-Chlorotoluene
Concen: 53.020 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

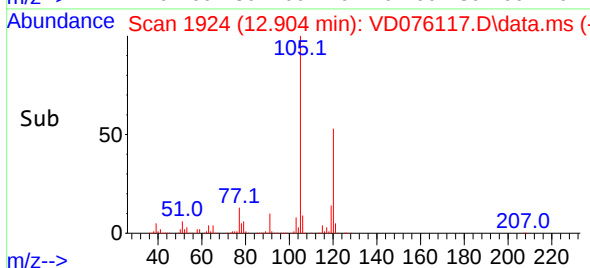
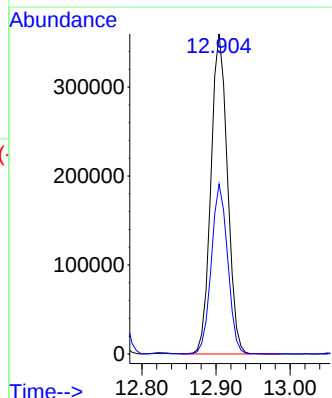
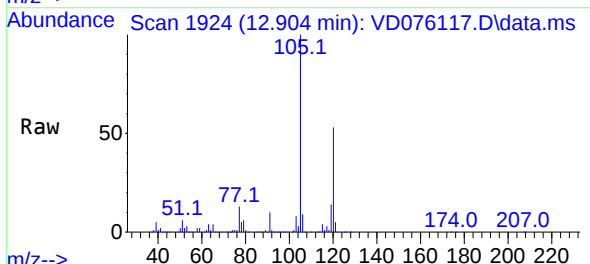
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

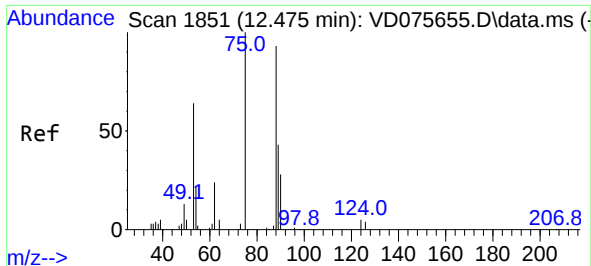
Tgt Ion: 91 Resp: 460196
Ion Ratio Lower Upper
91 100
126 37.1 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 53.425 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 105 Resp: 558023
Ion Ratio Lower Upper
105 100
120 52.3 24.3 72.8

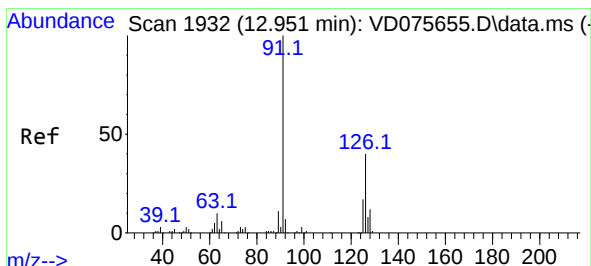
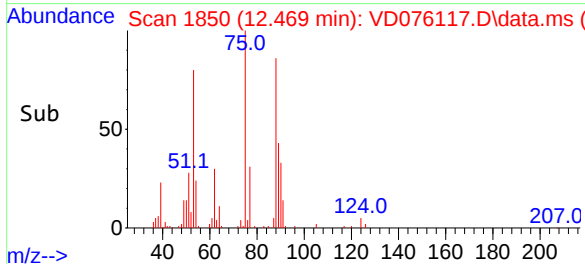
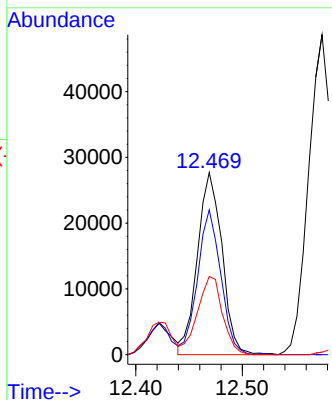
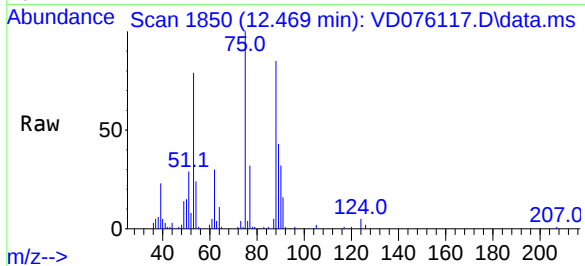




#81
trans-1,4-Dichloro-2-butene
Concen: 55.941 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

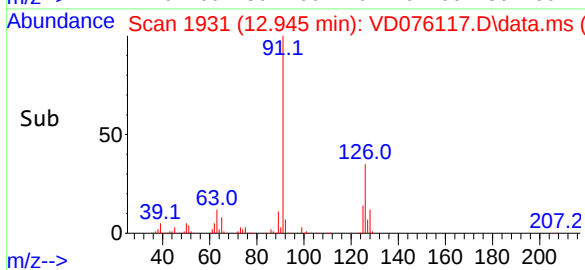
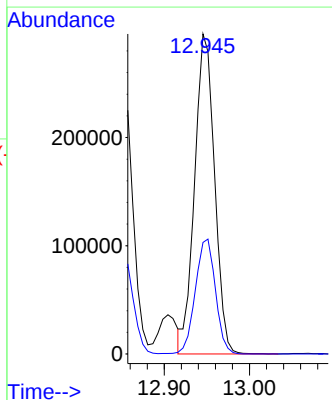
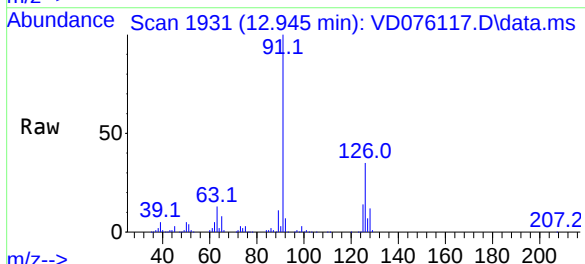
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

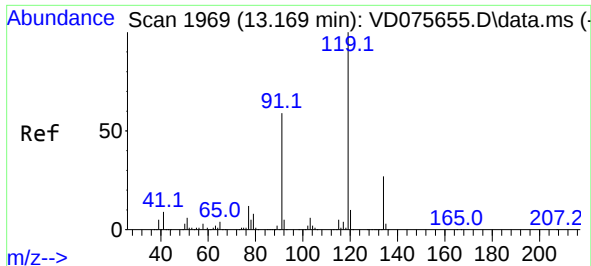
Tgt Ion: 75 Resp: 44445
Ion Ratio Lower Upper
75 100
53 75.1 90.5 135.7#
89 43.8 40.2 60.4



#82
4-Chlorotoluene
Concen: 52.024 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 91 Resp: 480303
Ion Ratio Lower Upper
91 100
126 36.3 17.1 51.2

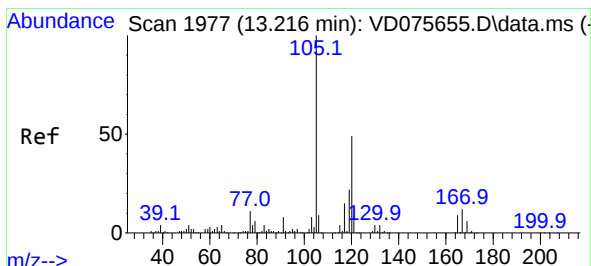
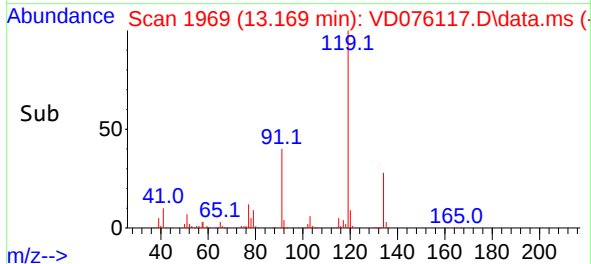
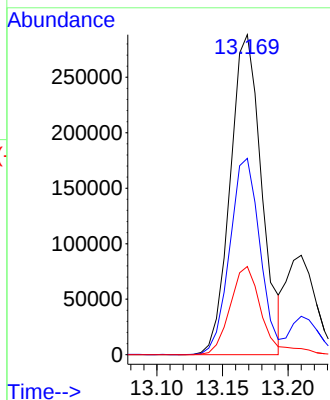
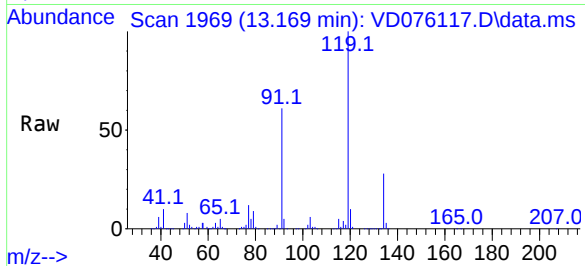




#83
tert-Butylbenzene
Concen: 54.537 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

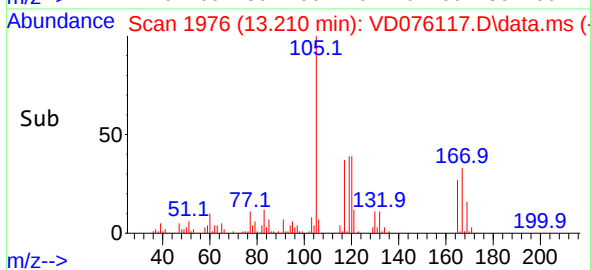
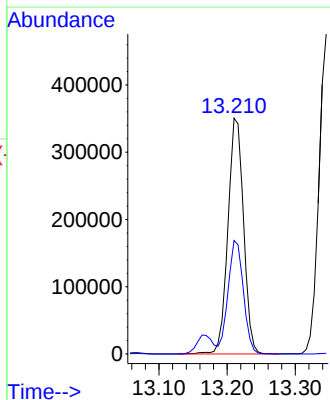
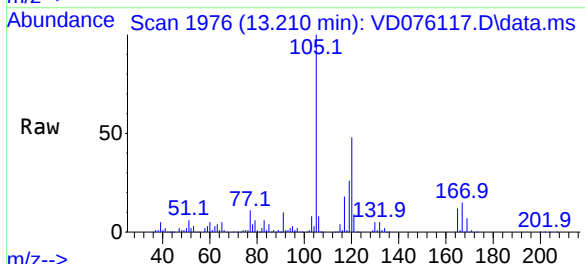
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

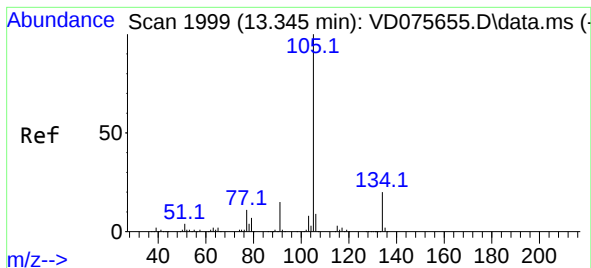
Tgt Ion:119 Resp: 481408
Ion Ratio Lower Upper
119 100
91 58.9 32.4 97.0
134 28.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 53.901 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:105 Resp: 560676
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.657 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

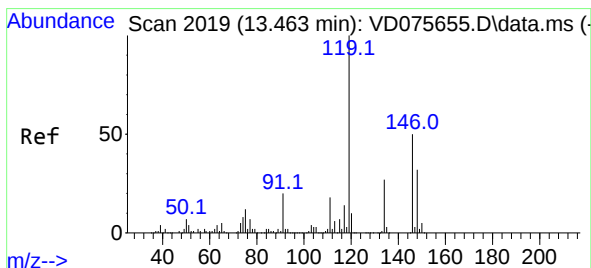
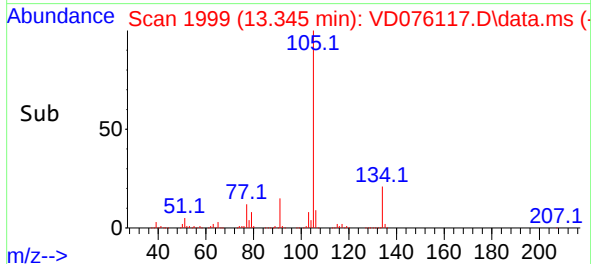
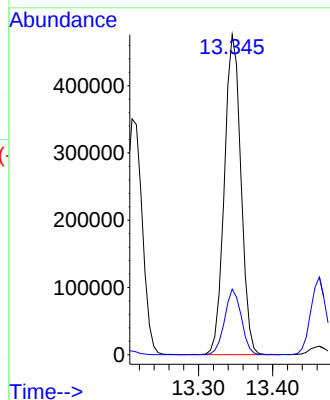
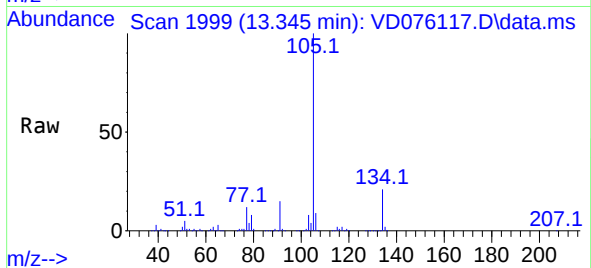
ICVVD051523

Tgt Ion:105 Resp: 738149

Ion Ratio Lower Upper

105 100

134 20.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.043 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

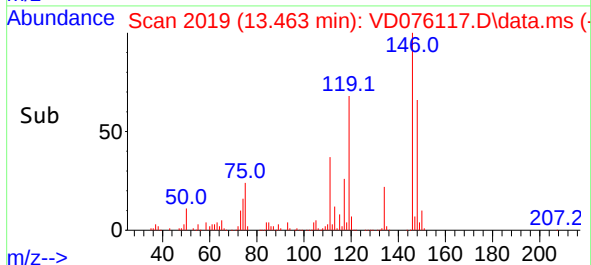
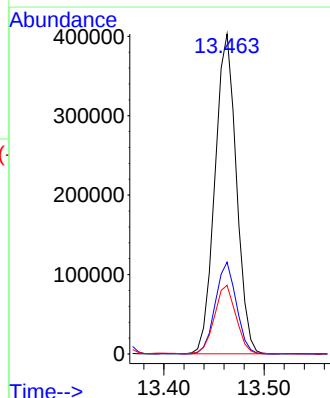
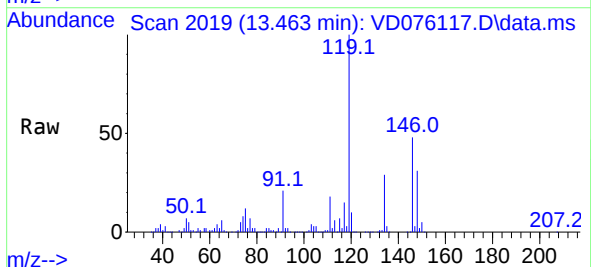
Tgt Ion:119 Resp: 597078

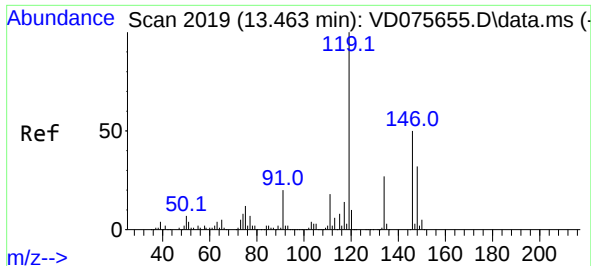
Ion Ratio Lower Upper

119 100

134 28.1 13.1 39.3

91 21.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.117 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

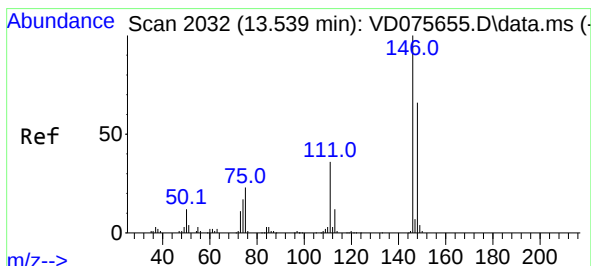
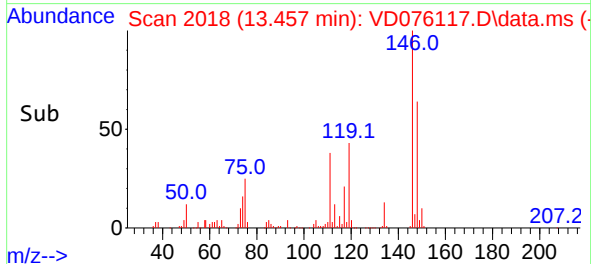
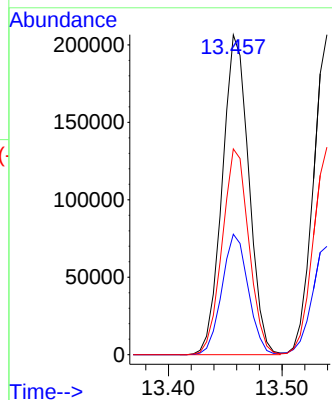
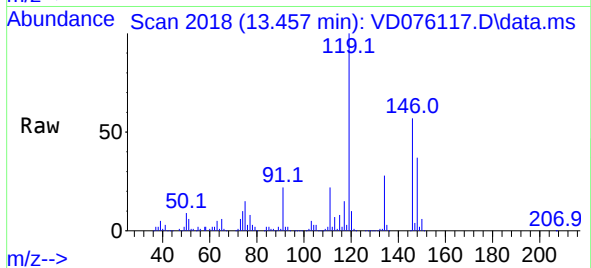
Tgt Ion:146 Resp: 335371

Ion Ratio Lower Upper

146 100

111 37.4 19.8 59.3

148 64.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 48.968 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

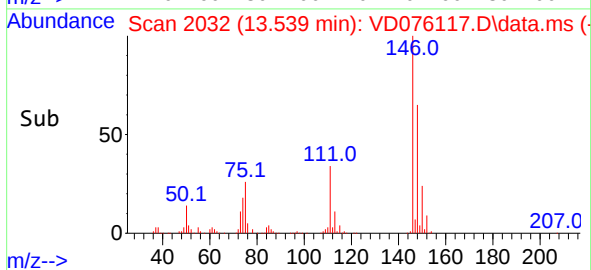
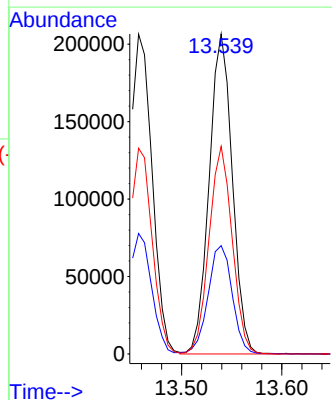
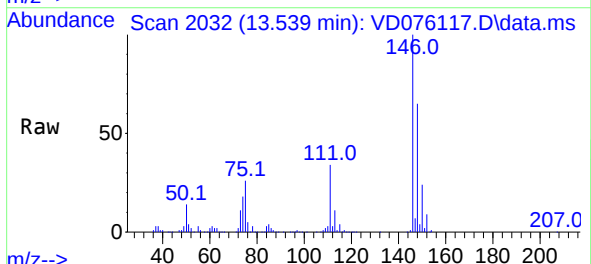
Tgt Ion:146 Resp: 331065

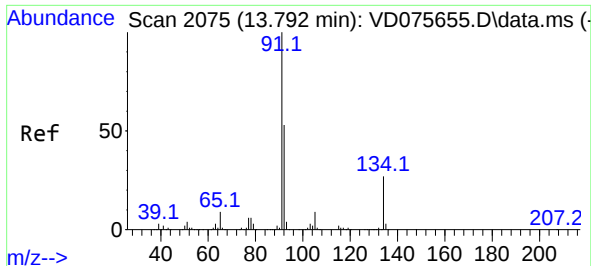
Ion Ratio Lower Upper

146 100

111 35.5 19.6 58.8

148 64.9 31.7 95.1

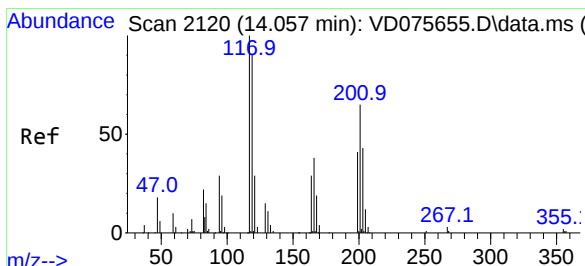
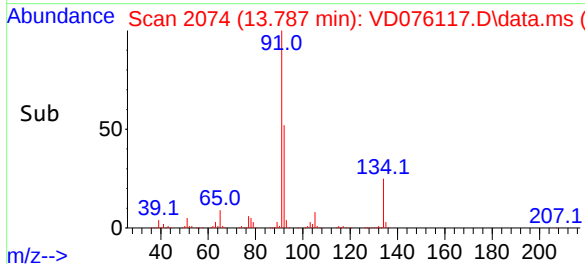
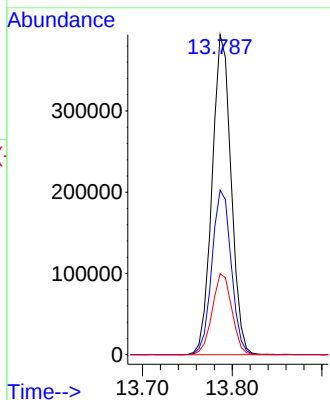
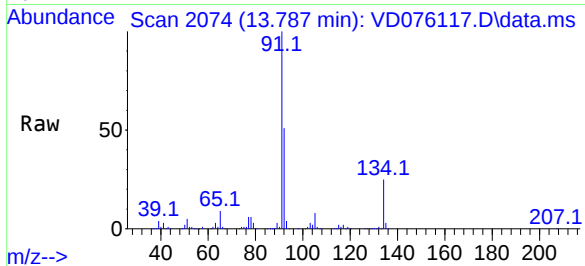




#89
n-Butylbenzene
Concen: 54.607 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

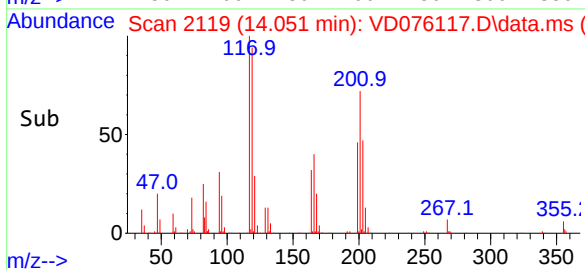
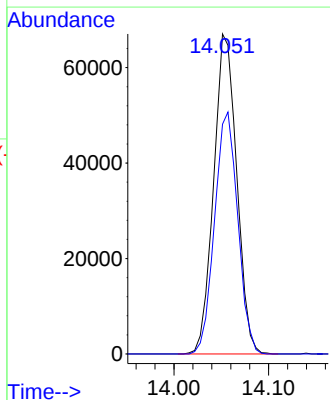
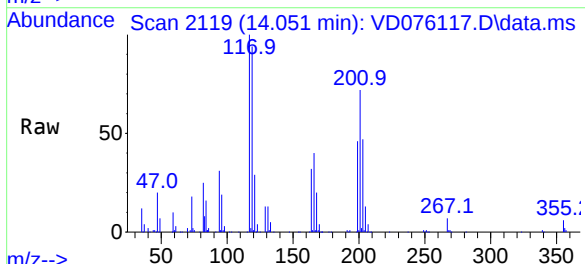
Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

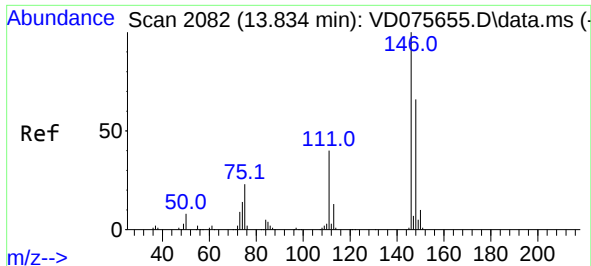
Tgt Ion: 91 Resp: 579260
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 26.2 12.7 38.0



#90
Hexachloroethane
Concen: 49.057 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion: 117 Resp: 113586
Ion Ratio Lower Upper
117 100
201 76.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 50.122 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

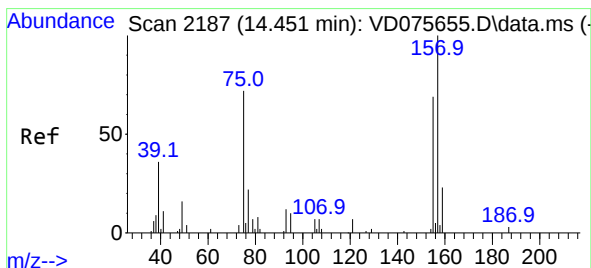
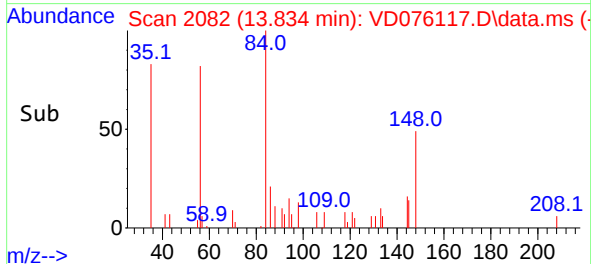
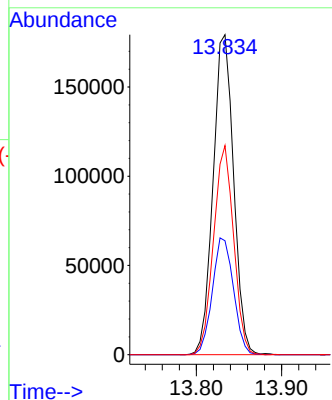
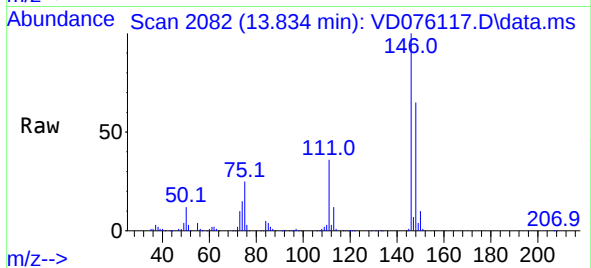
Tgt Ion:146 Resp: 300332

Ion Ratio Lower Upper

146 100

111 37.5 20.6 61.8

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.266 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

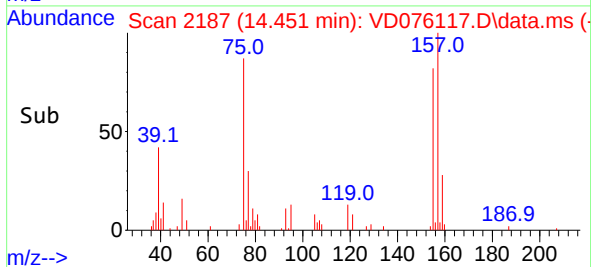
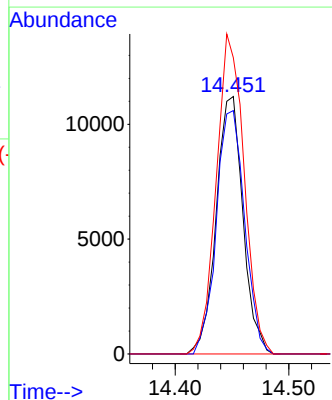
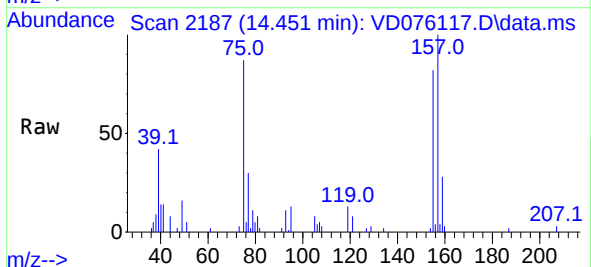
Tgt Ion: 75 Resp: 18377

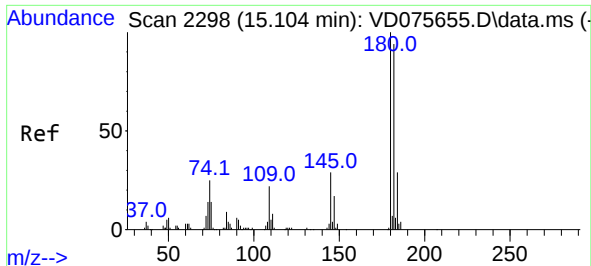
Ion Ratio Lower Upper

75 100

155 99.5 39.5 118.5

157 128.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 55.336 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

ICVVD051523

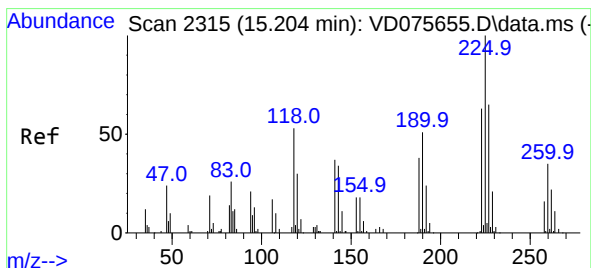
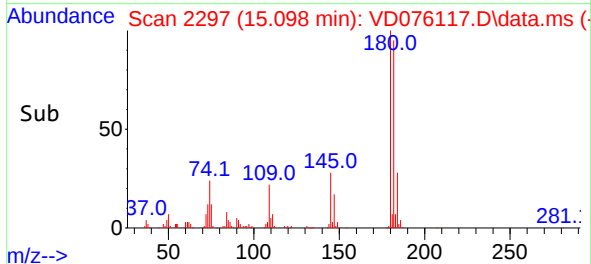
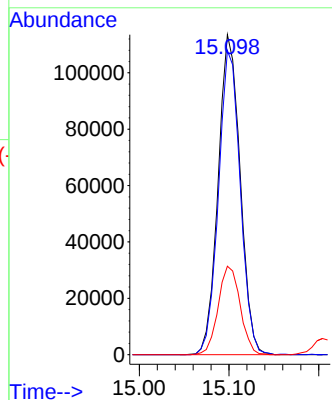
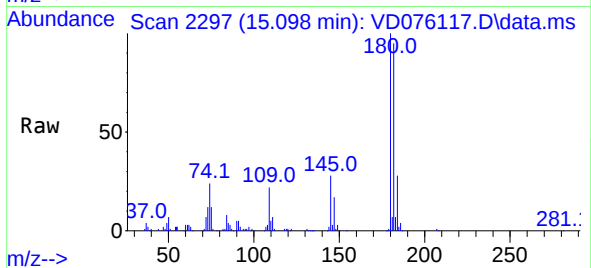
Tgt Ion:180 Resp: 192870

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 27.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.791 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076117.D

Acq: 15 May 2023 17:33

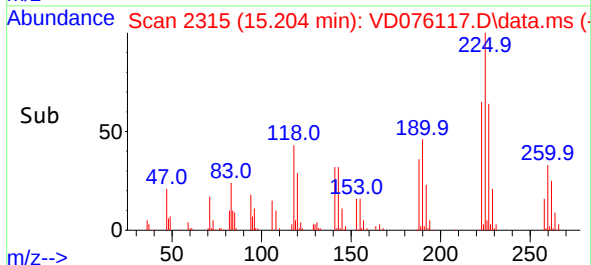
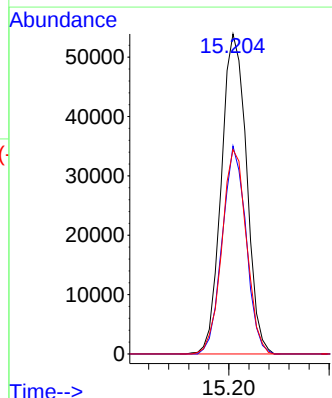
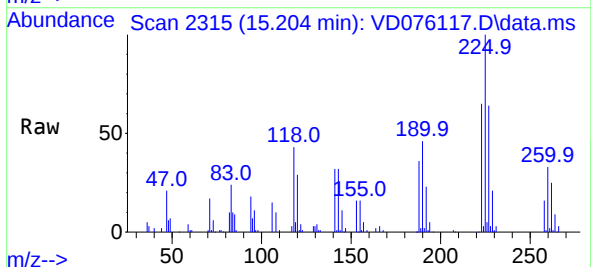
Tgt Ion:225 Resp: 93815

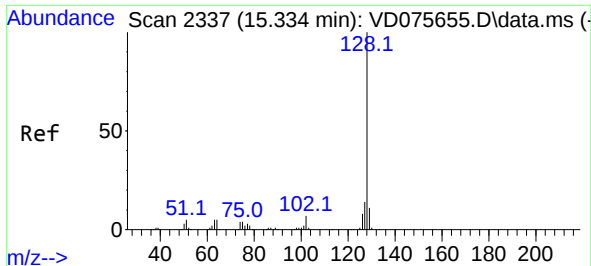
Ion Ratio Lower Upper

225 100

223 61.3 33.1 99.2

227 62.3 31.9 95.9

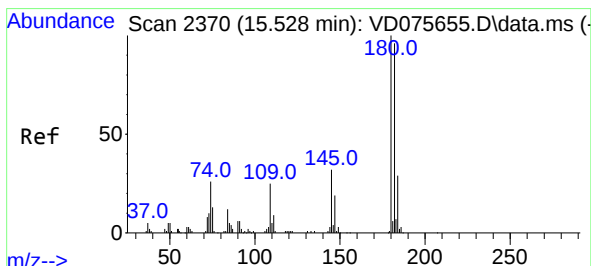
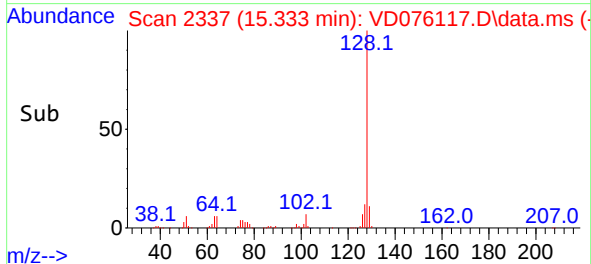
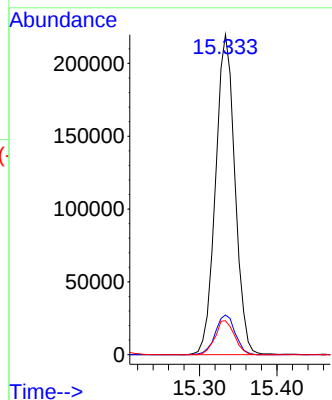
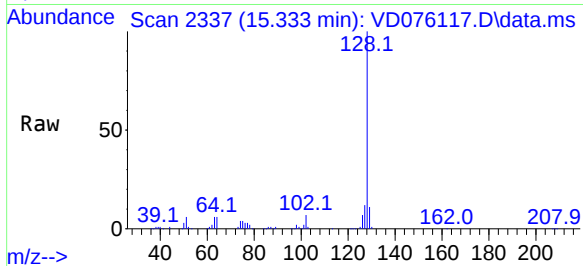




#95
Naphthalene
Concen: 59.008 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Instrument :
MSVOA_D
ClientSampleId :
ICVVD051523

Tgt Ion:	128	Resp:	382150
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.639 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076117.D
Acq: 15 May 2023 17:33

Tgt Ion:	180	Resp:	173199
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	30.3	16.4	49.4

