

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076113.D
 Acq On : 15 May 2023 13:20
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 16 18:51:27 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	256575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	410721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	373676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114624	46.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.440%
35) Dibromofluoromethane	7.804	113	135606	47.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.269	98	537368	48.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.575	95	144615	47.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	100966	43.632	ug/l	98
3) Chloromethane	2.146	50	191358	50.387	ug/l	96
4) Vinyl Chloride	2.281	62	224912	45.068	ug/l	100
5) Bromomethane	2.687	94	156569	46.600	ug/l	97
6) Chloroethane	2.834	64	154374	45.979	ug/l	97
7) Trichlorofluoromethane	3.169	101	183091	43.284	ug/l	96
8) Diethyl Ether	3.593	74	69324	49.835	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.963	101	120365	43.199	ug/l	96
10) Methyl Iodide	4.158	142	153985	53.152	ug/l #	89
11) Tert butyl alcohol	5.058	59	31973	243.746	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	127389	45.938	ug/l	92
13) Acrolein	3.793	56	81824	254.874	ug/l	99
14) Allyl chloride	4.563	41	138937	49.368	ug/l #	79
15) Acrylonitrile	5.252	53	145416	252.472	ug/l	97
16) Acetone	4.022	43	126927	257.263	ug/l #	78
17) Carbon Disulfide	4.269	76	370746	49.360	ug/l	98
18) Methyl Acetate	4.563	43	88130	50.075	ug/l #	77
19) Methyl tert-butyl Ether	5.316	73	280147	51.615	ug/l	99
20) Methylene Chloride	4.793	84	197524	50.824	ug/l #	79
21) trans-1,2-Dichloroethene	5.310	96	156329	48.914	ug/l #	77
22) Diisopropyl ether	6.216	45	344795	52.782	ug/l #	91
23) Vinyl Acetate	6.152	43	815183	317.375	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	247066	47.957	ug/l	98
25) 2-Butanone	7.081	43	159509	257.127	ug/l #	78
26) 2,2-Dichloropropane	7.075	77	196991	46.893	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	179960	50.742	ug/l	83
28) Bromochloromethane	7.422	49	82642	48.109	ug/l #	60
29) Tetrahydrofuran	7.446	42	95342	263.683	ug/l #	67
30) Chloroform	7.593	83	262956	47.729	ug/l	94
31) Cyclohexane	7.875	56	169492	44.629	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	204233	46.516	ug/l	97
36) 1,1-Dichloropropene	8.004	75	183882	47.958	ug/l	94
37) Ethyl Acetate	7.163	43	69938	52.676	ug/l #	83
38) Carbon Tetrachloride	7.987	117	160880	46.453	ug/l	96
39) Methylcyclohexane	9.275	83	202856	45.954	ug/l	95
40) Benzene	8.246	78	606142	49.172	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	41274	56.694	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	142639	48.921	ug/l	92
43) Isopropyl Acetate	8.357	43	122632	49.445	ug/l #	80
44) Trichloroethene	9.028	130	166144	47.825	ug/l	89
45) 1,2-Dichloropropane	9.304	63	149242	49.083	ug/l	95
46) Dibromomethane	9.393	93	82840	48.606	ug/l	90
47) Bromodichloromethane	9.587	83	201563	49.209	ug/l	95
48) Methyl methacrylate	9.381	41	56713	51.665	ug/l #	61
49) 1,4-Dioxane	9.387	88	18484	1014.192	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	344085	260.852	ug/l #	82
52) Toluene	10.334	92	384142	49.895	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	188041	50.936	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	229820	51.011	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	120741	49.402	ug/l	93
56) Ethyl methacrylate	10.598	69	131899	53.691	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	192142	50.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	307250	260.670	ug/l	92
59) 2-Hexanone	10.922	43	249613	268.328	ug/l	75
60) Dibromochloromethane	11.075	129	136684	49.737	ug/l	99
61) 1,2-Dibromoethane	11.181	107	107696	49.536	ug/l	98
64) Tetrachloroethene	10.810	164	137241	47.762	ug/l	93
65) Chlorobenzene	11.604	112	416543	48.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	141647	48.384	ug/l	94
67) Ethyl Benzene	11.687	91	678506	49.914	ug/l	98
68) m/p-Xylenes	11.792	106	558713	100.566	ug/l	91
69) o-Xylene	12.122	106	260801	51.447	ug/l	92
70) Styrene	12.134	104	452380	51.471	ug/l	95
71) Bromoform	12.298	173	81217	49.320	ug/l #	98
73) Isopropylbenzene	12.422	105	631289	51.244	ug/l	98
74) N-amyl acetate	12.234	43	116855	53.253	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	131044	49.493	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	151225	92.795	ug/l #	100
77) Bromobenzene	12.698	156	168946	51.166	ug/l	91
78) n-propylbenzene	12.763	91	779443	50.831	ug/l	97
79) 2-Chlorotoluene	12.851	91	433411	51.069	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	532258	52.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	40143	51.675	ug/l #	74
82) 4-Chlorotoluene	12.945	91	460734	51.039	ug/l	93
83) tert-Butylbenzene	13.169	119	436565	50.582	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	535227	52.625	ug/l	95
85) sec-Butylbenzene	13.345	105	669833	49.798	ug/l	97
86) p-Isopropyltoluene	13.463	119	564921	51.328	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	335197	50.208	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	327941	49.609	ug/l	97
89) n-Butylbenzene	13.786	91	518222	49.964	ug/l	98
90) Hexachloroethane	14.051	117	106671	47.118	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	290011	49.500	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17459	50.784	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	179531	52.681	ug/l	96
94) Hexachlorobutadiene	15.204	225	85298	49.090	ug/l	97
95) Naphthalene	15.333	128	342571	54.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	165466	53.387	ug/l	97

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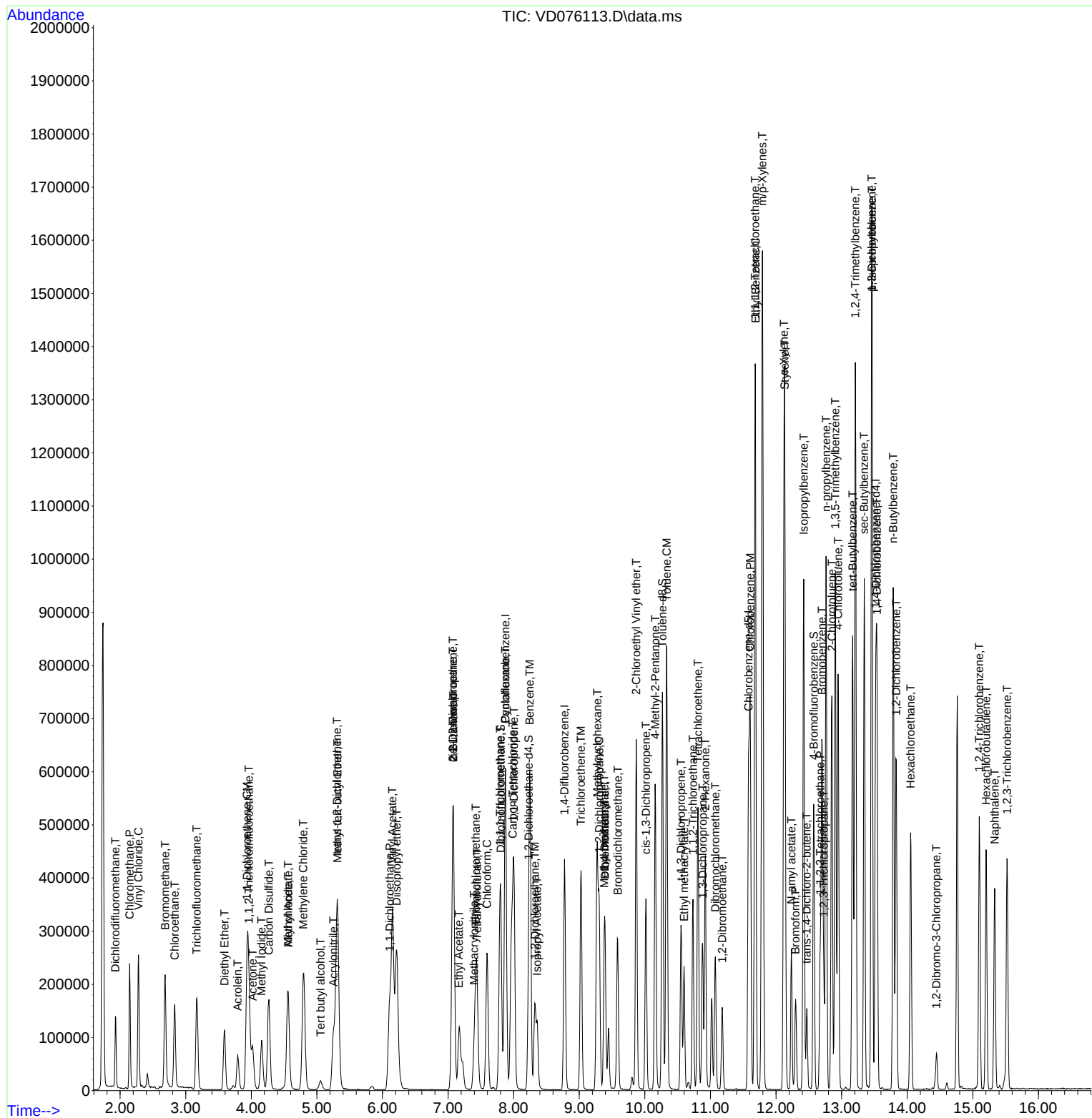
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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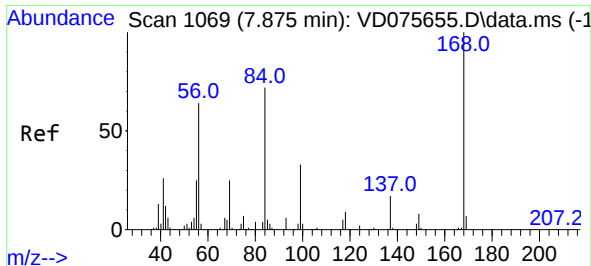
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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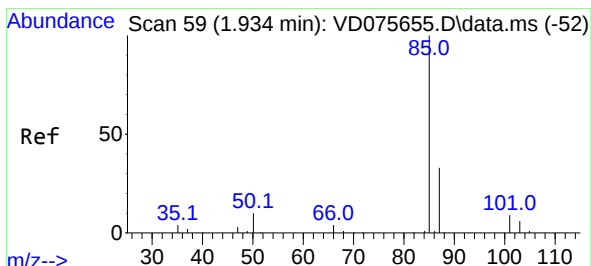
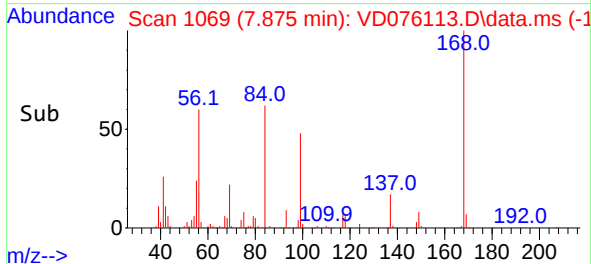
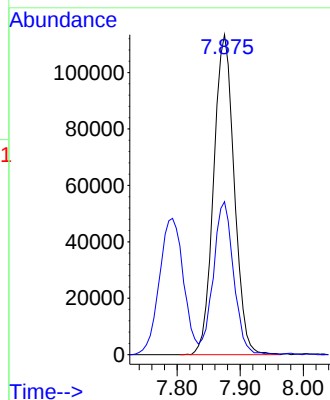
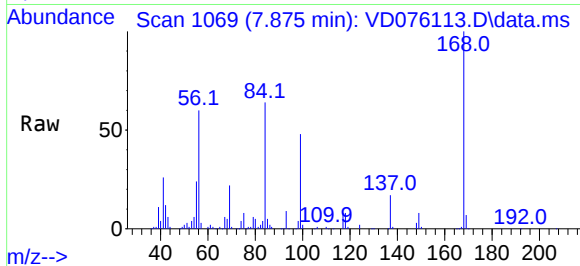




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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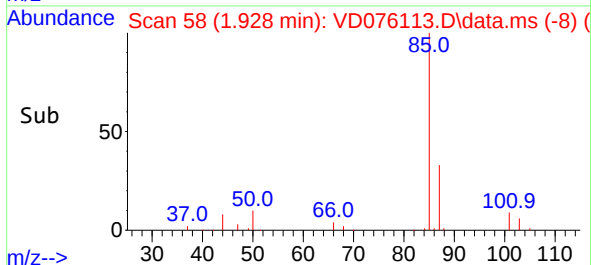
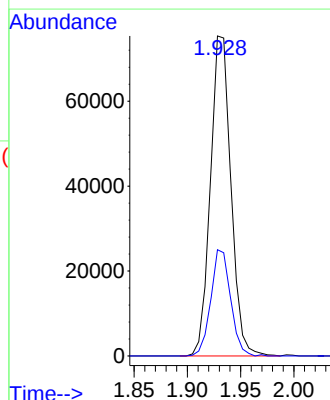
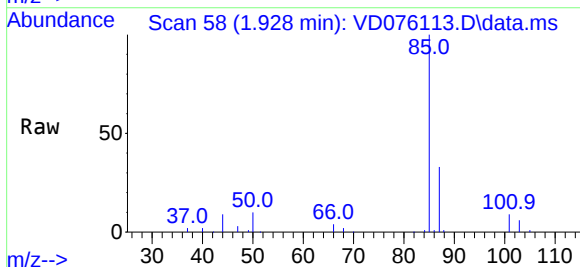
Instrument :
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VSTDICCC050

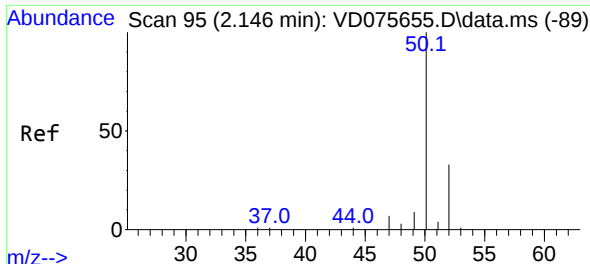
Tgt Ion:168 Resp: 256575
Ion Ratio Lower Upper
168 100
99 47.6 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 43.632 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 85 Resp: 100966
Ion Ratio Lower Upper
85 100
87 33.2 17.3 51.7

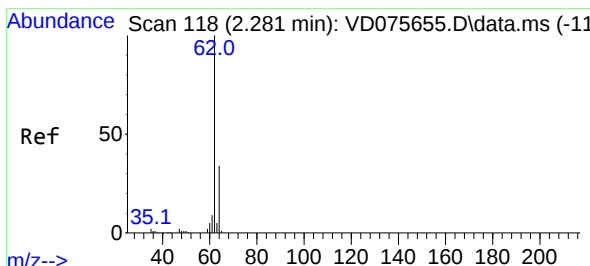
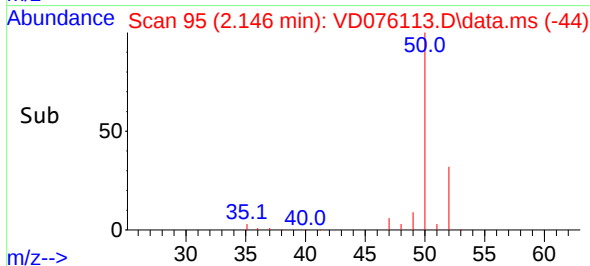
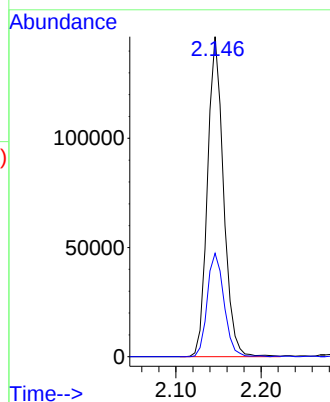
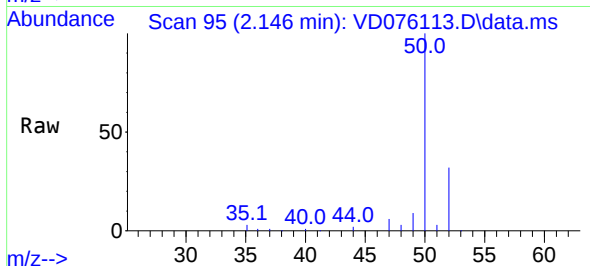




#3
Chloromethane
Concen: 50.387 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

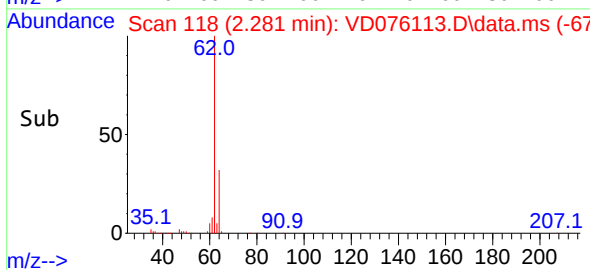
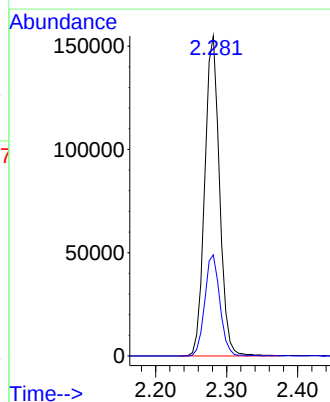
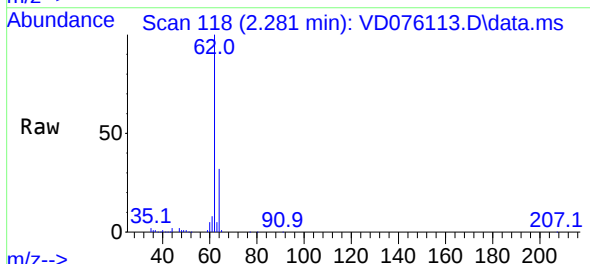
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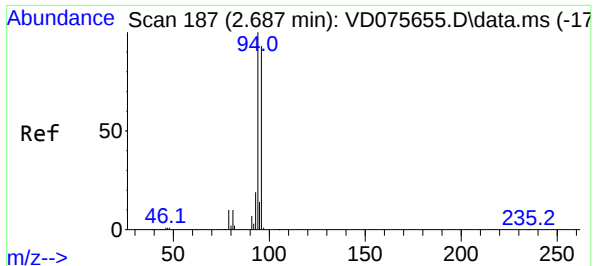
Tgt Ion: 50 Resp: 191358
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.8



#4
Vinyl Chloride
Concen: 45.068 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 62 Resp: 224912
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

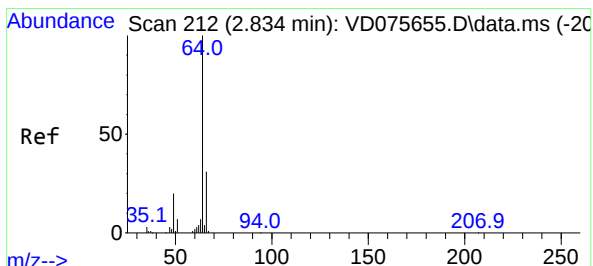
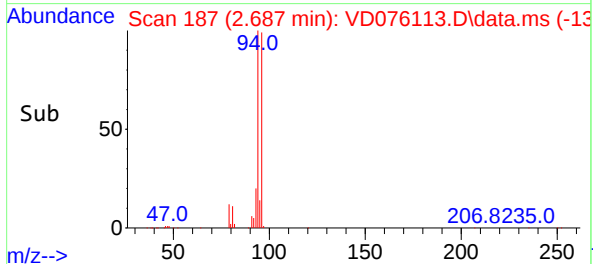
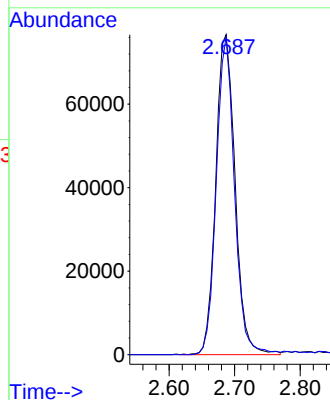
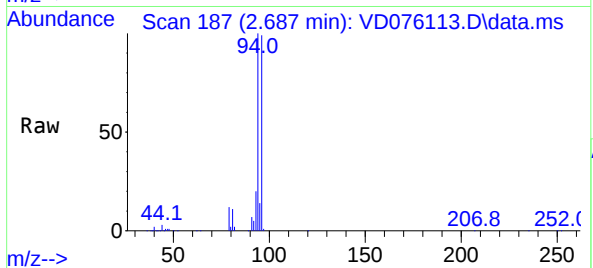




#5
Bromomethane
Concen: 46.600 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076113.D
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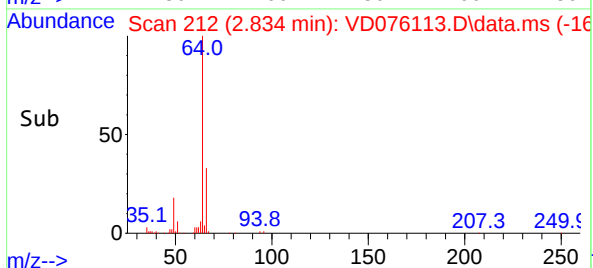
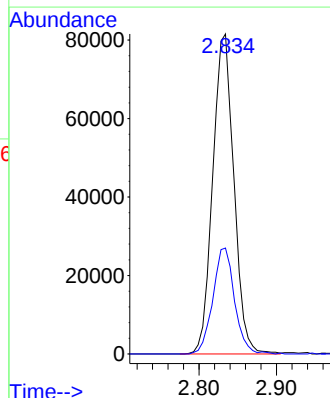
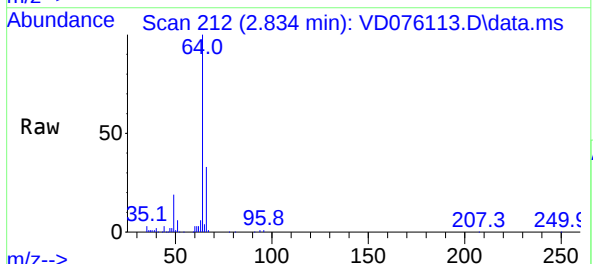
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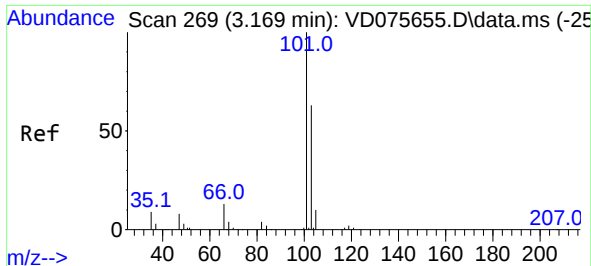
Tgt Ion: 94 Resp: 156569
Ion Ratio Lower Upper
94 100
96 93.5 77.5 116.3



#6
Chloroethane
Concen: 45.979 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 64 Resp: 154374
Ion Ratio Lower Upper
64 100
66 33.1 27.7 41.5

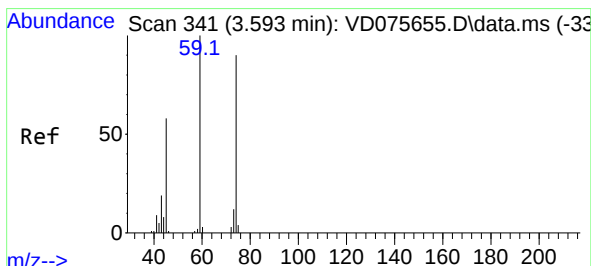
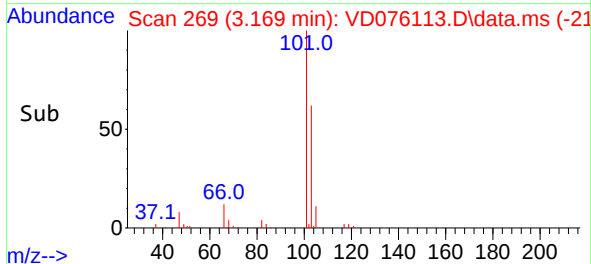
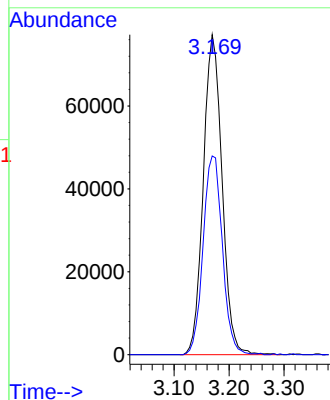
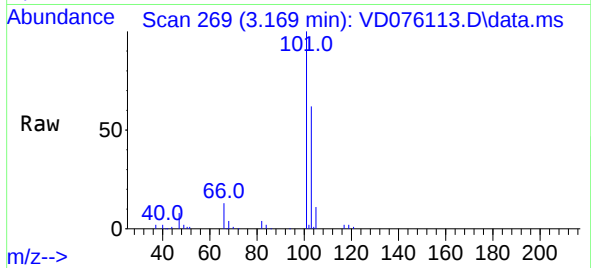




#7
Trichlorofluoromethane
Concen: 43.284 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

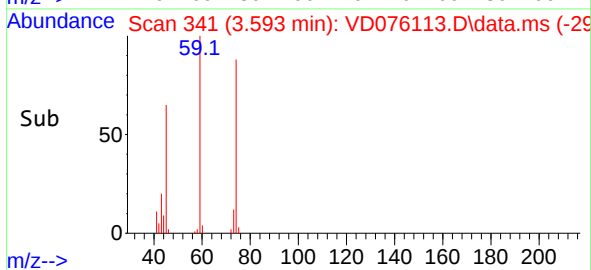
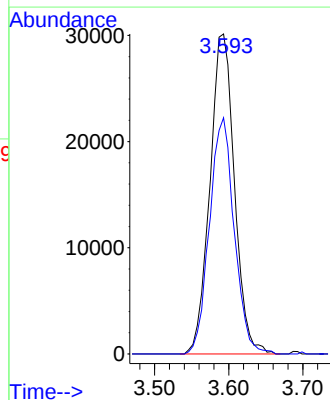
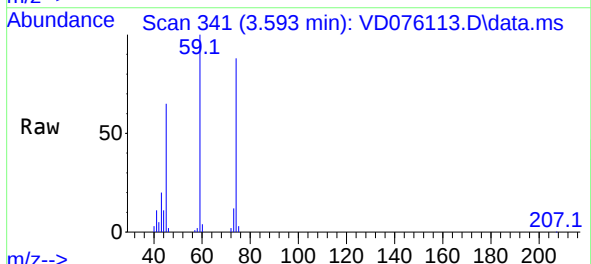
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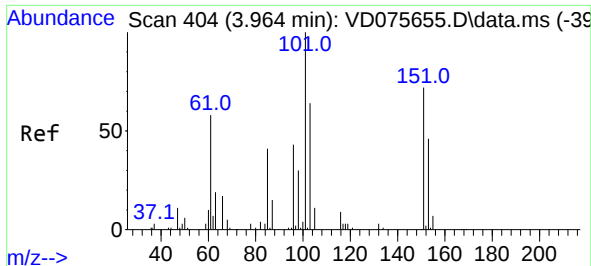
Tgt Ion:101 Resp: 183091
Ion Ratio Lower Upper
101 100
103 62.1 51.9 77.9



#8
Diethyl Ether
Concen: 49.835 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 74 Resp: 69324
Ion Ratio Lower Upper
74 100
45 74.5 50.9 152.7

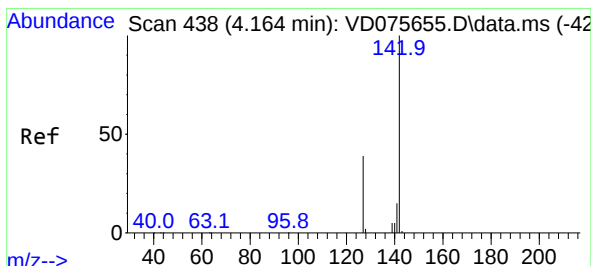
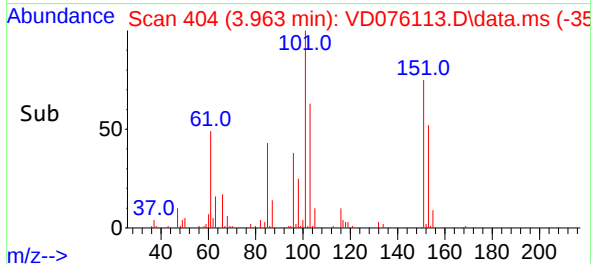
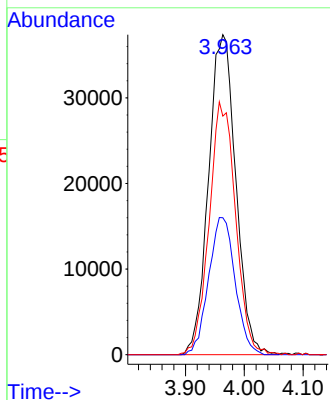
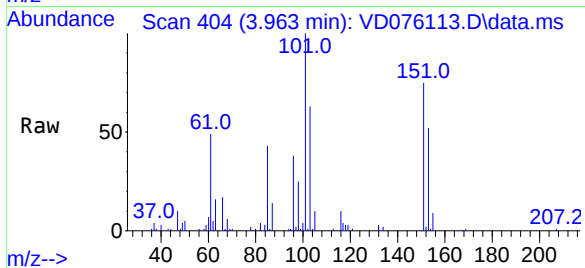




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.199 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

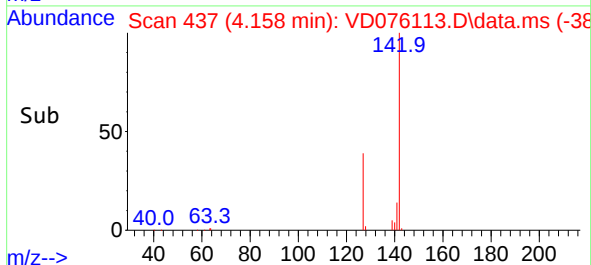
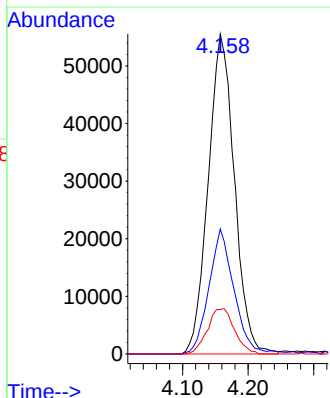
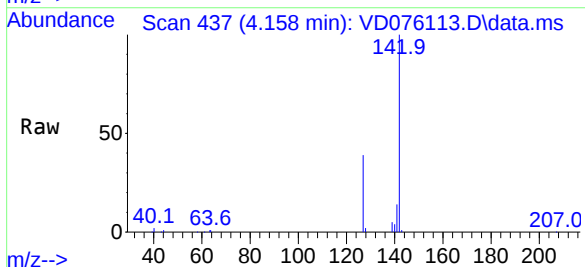
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

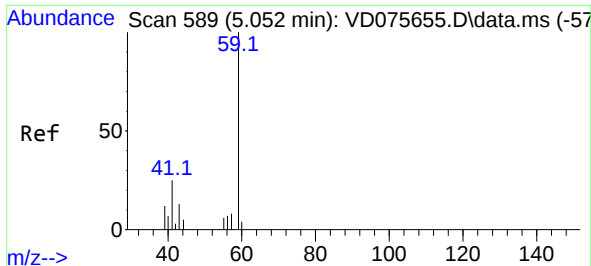
Tgt Ion:101 Resp: 120365
Ion Ratio Lower Upper
101 100
85 41.7 38.3 57.5
151 76.7 60.4 90.6



#10
Methyl Iodide
Concen: 53.152 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:142 Resp: 153985
Ion Ratio Lower Upper
142 100
127 37.0 37.1 55.7#
141 14.6 11.3 16.9

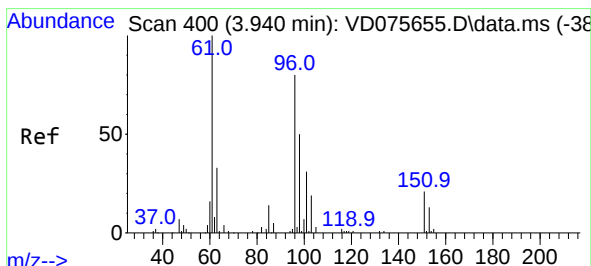
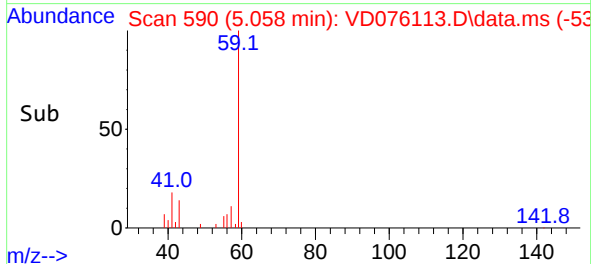
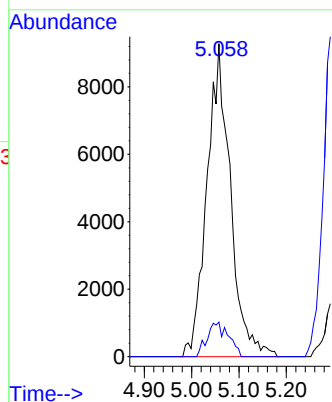
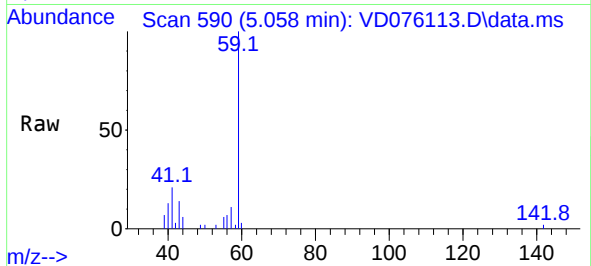




#11
Tert butyl alcohol
Concen: 243.746 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

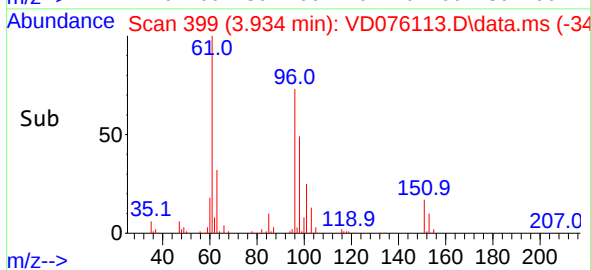
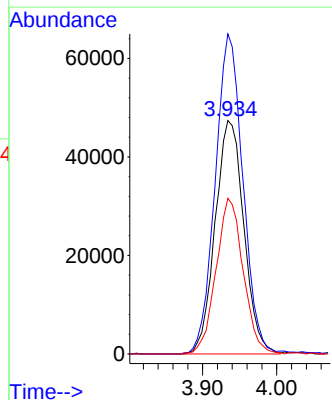
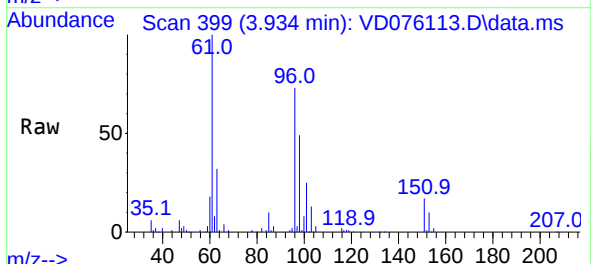
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

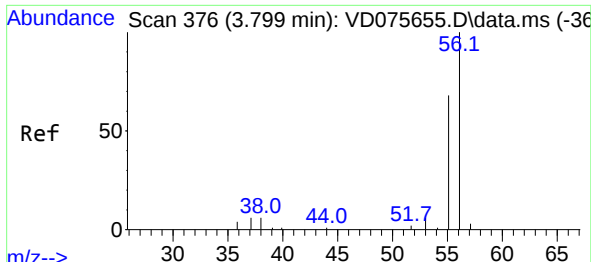
Tgt Ion: 59 Resp: 31973
Ion Ratio Lower Upper
59 100
57 10.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 45.938 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 96 Resp: 127389
Ion Ratio Lower Upper
96 100
61 137.1 118.6 177.8
98 66.7 49.7 74.5





#13

Acrolein

Concen: 254.874 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

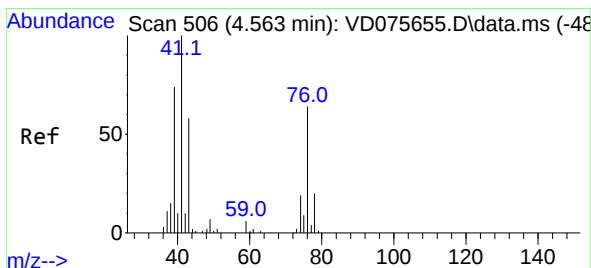
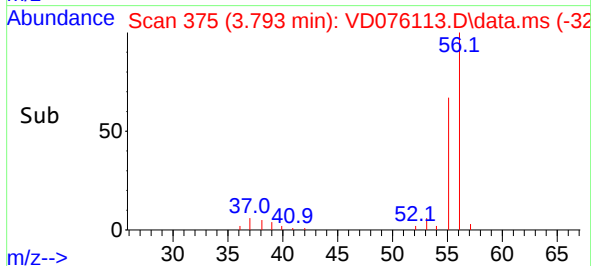
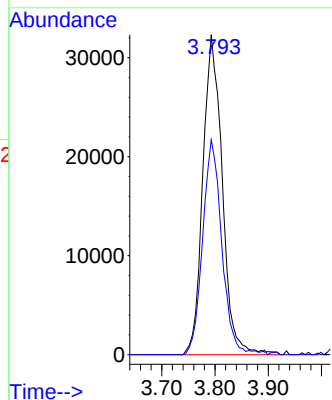
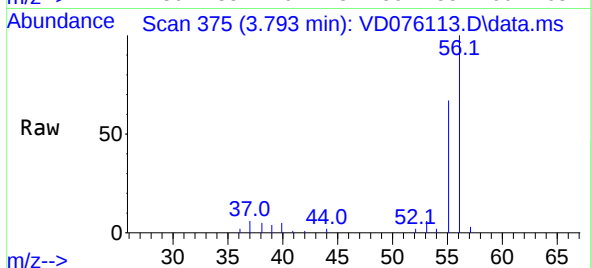
VSTDICCC050

Tgt Ion: 56 Resp: 81824

Ion Ratio Lower Upper

56 100

55 66.4 53.9 80.9



#14

Allyl chloride

Concen: 49.368 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

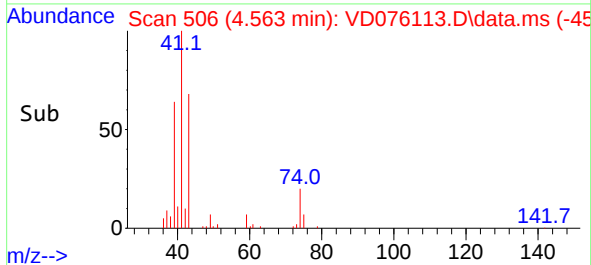
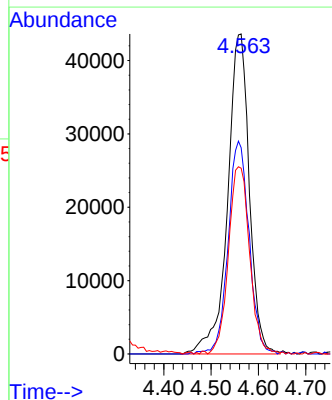
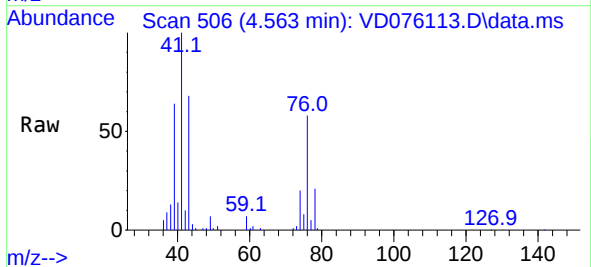
Tgt Ion: 41 Resp: 138937

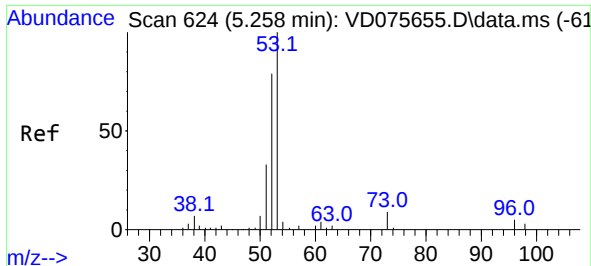
Ion Ratio Lower Upper

41 100

39 64.0 60.6 90.8

76 57.1 28.6 43.0#

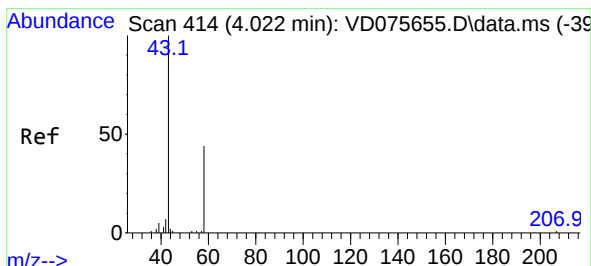
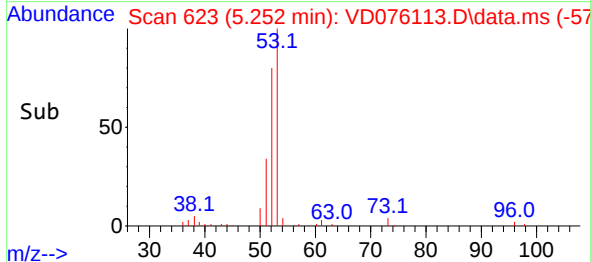
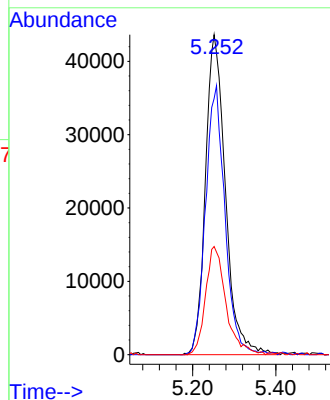
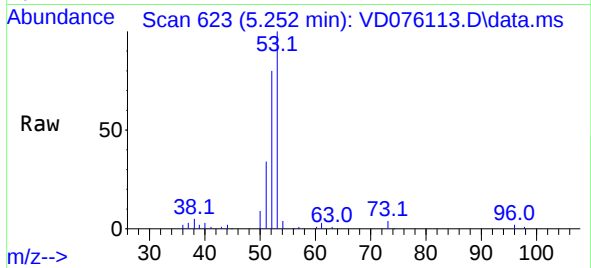




#15
Acrylonitrile
Concen: 252.472 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

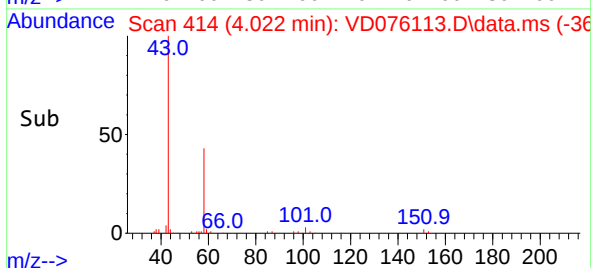
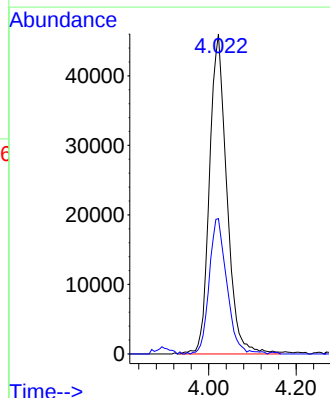
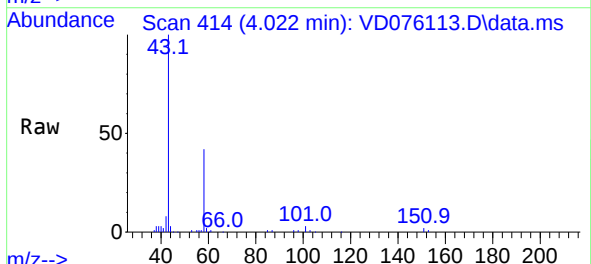
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

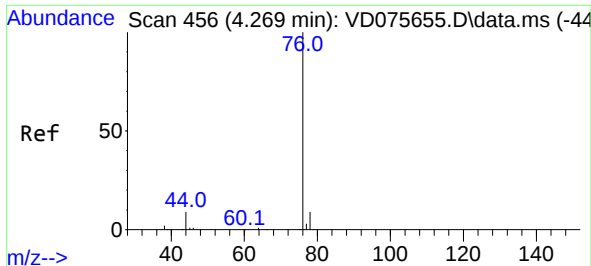
Tgt Ion: 53 Resp: 145416
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 257.263 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 43 Resp: 126927
Ion Ratio Lower Upper
43 100
58 42.3 24.4 36.6#

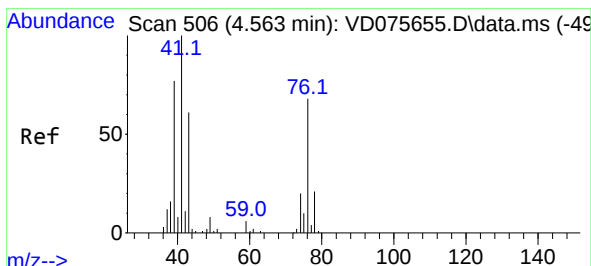
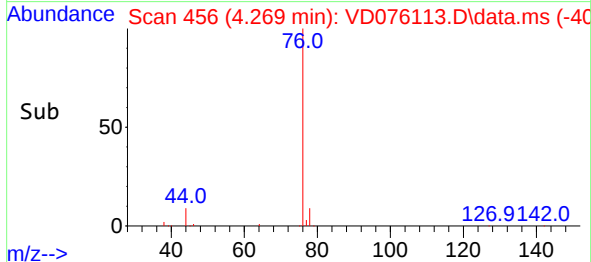
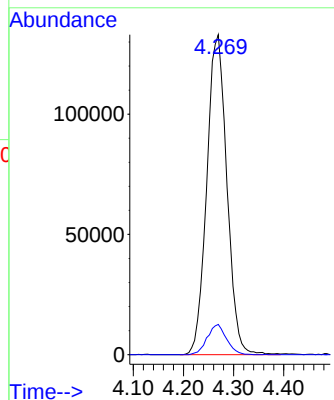
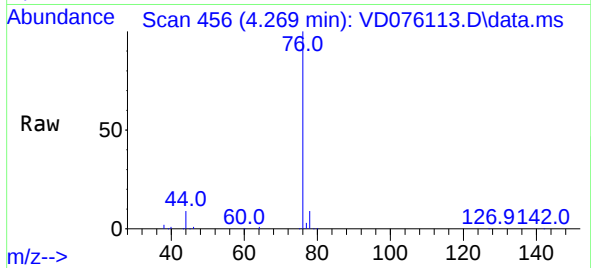




#17
Carbon Disulfide
Concen: 49.360 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

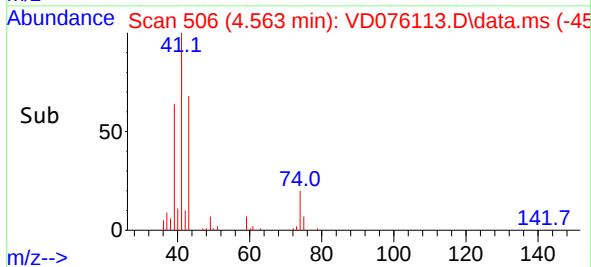
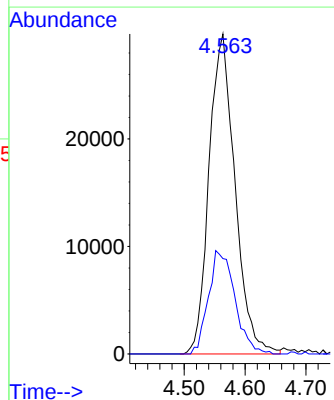
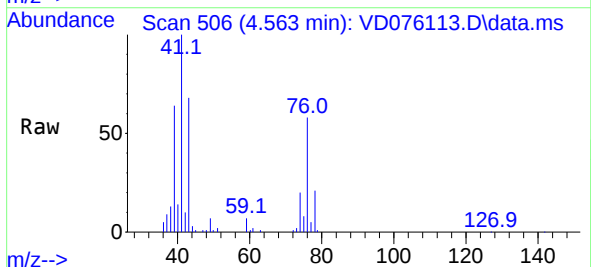
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

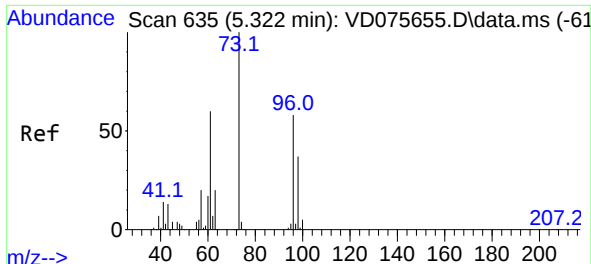
Tgt Ion: 76 Resp: 370746
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 50.075 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 43 Resp: 88130
Ion Ratio Lower Upper
43 100
74 33.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 51.615 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

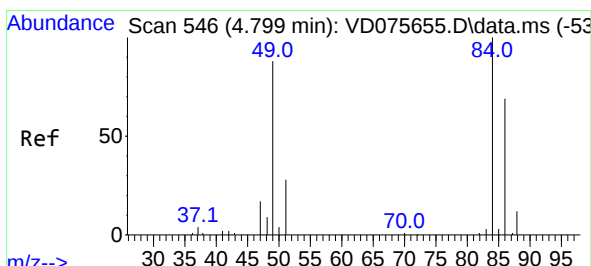
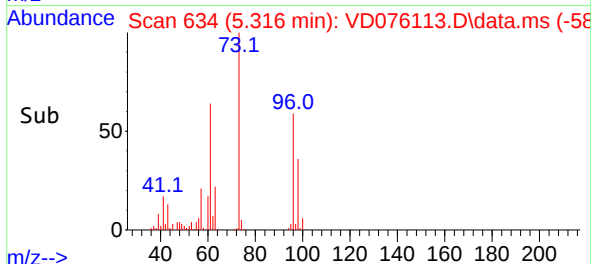
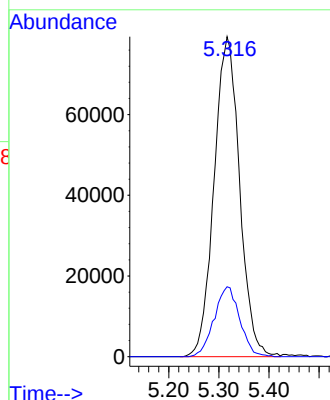
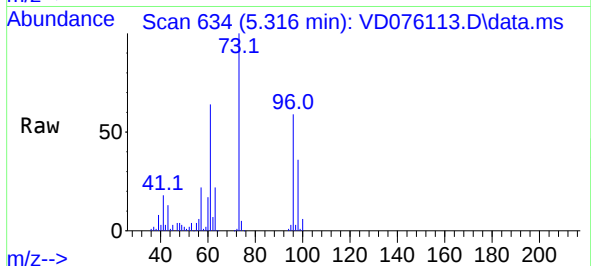
VSTDICCC050

Tgt Ion: 73 Resp: 280147

Ion Ratio Lower Upper

73 100

57 21.9 17.2 25.8



#20

Methylene Chloride

Concen: 50.824 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Tgt Ion: 84 Resp: 197524

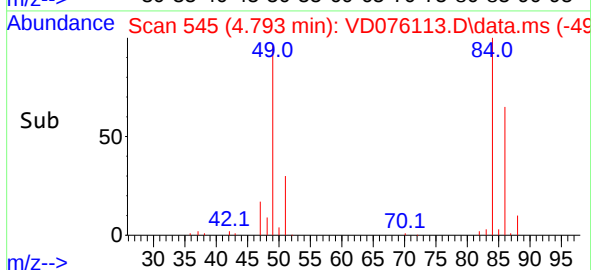
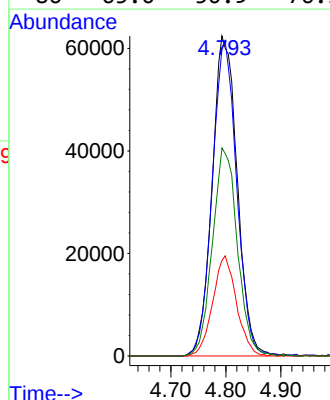
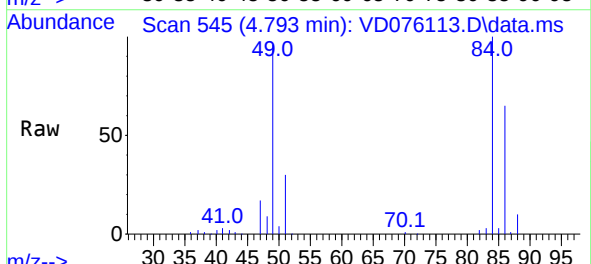
Ion Ratio Lower Upper

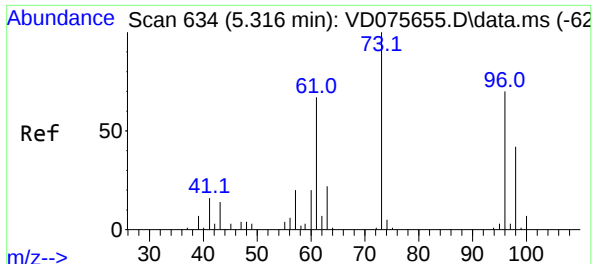
84 100

49 96.0 106.4 159.6#

51 29.8 32.4 48.6#

86 65.0 50.9 76.3

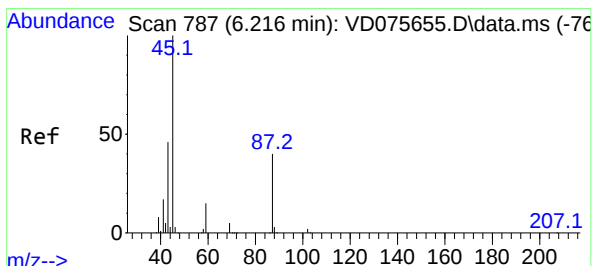
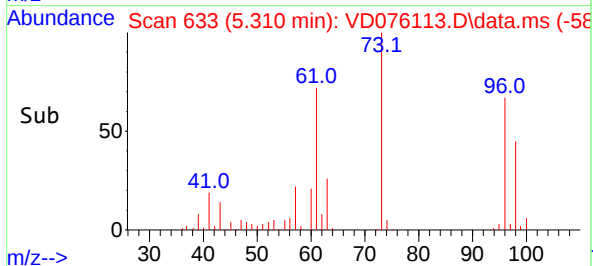
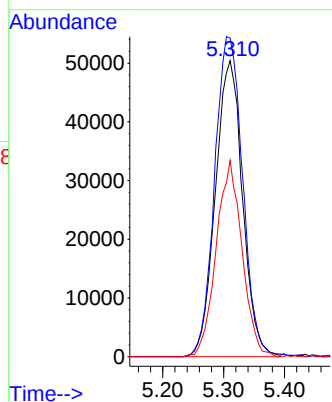
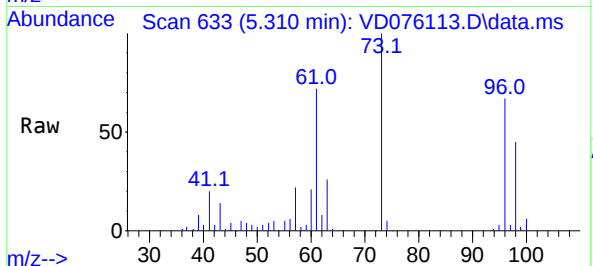




#21
trans-1,2-Dichloroethene
Concen: 48.914 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

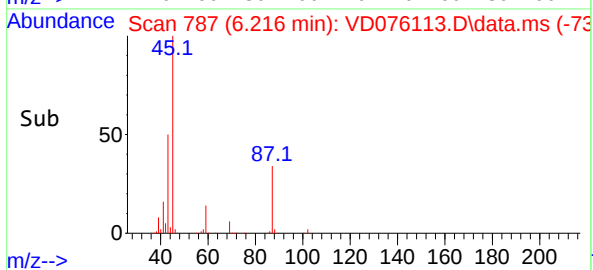
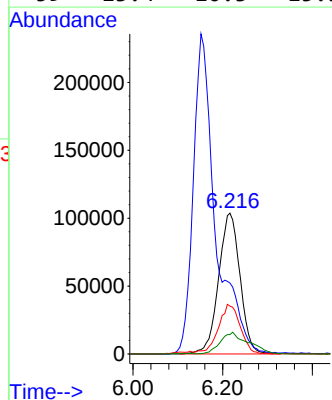
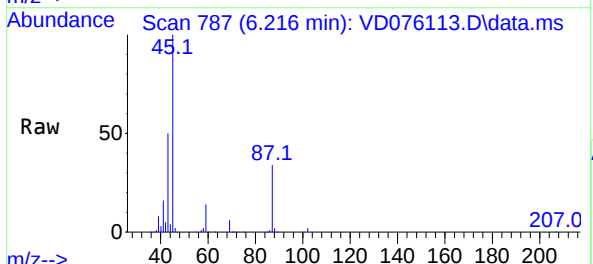
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

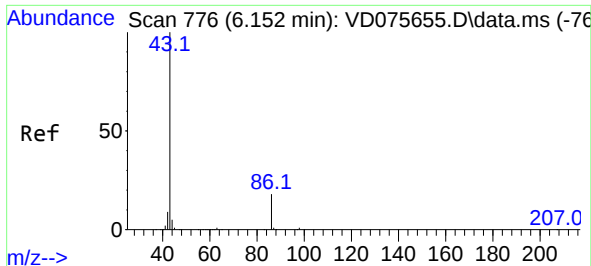
Tgt Ion: 96 Resp: 156329
Ion Ratio Lower Upper
96 100
61 107.6 117.2 175.8#
98 66.3 50.6 76.0



#22
Diisopropyl ether
Concen: 52.782 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 45 Resp: 344795
Ion Ratio Lower Upper
45 100
43 49.7 44.4 66.6
87 34.0 20.9 31.3#
59 13.4 10.3 15.5

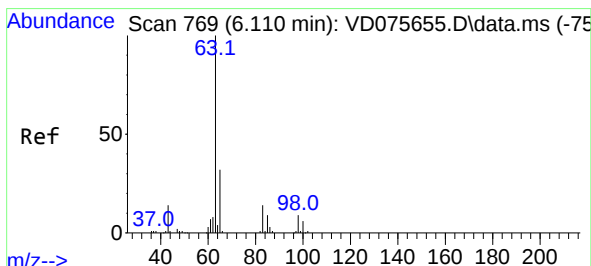
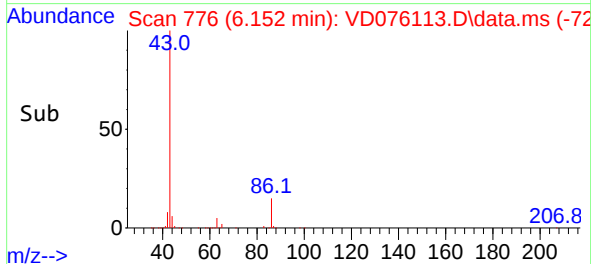
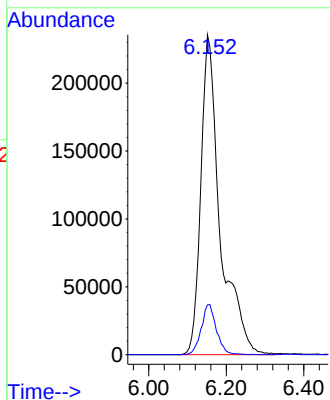
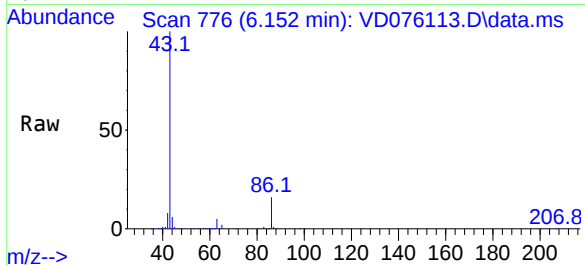




#23
 Vinyl Acetate
 Concen: 317.375 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

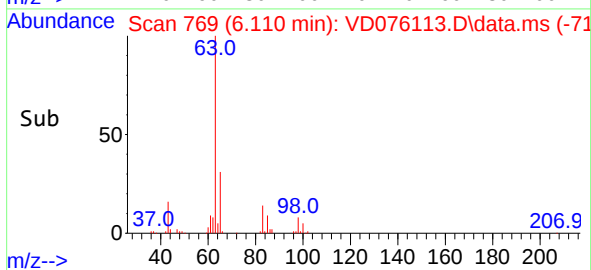
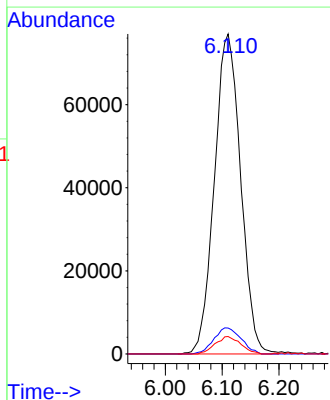
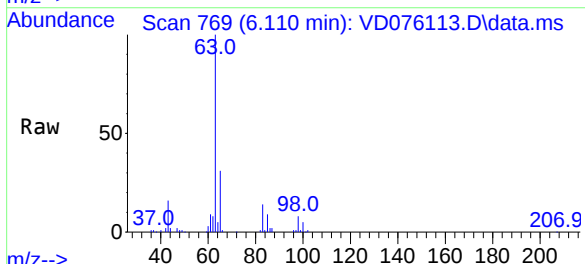
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

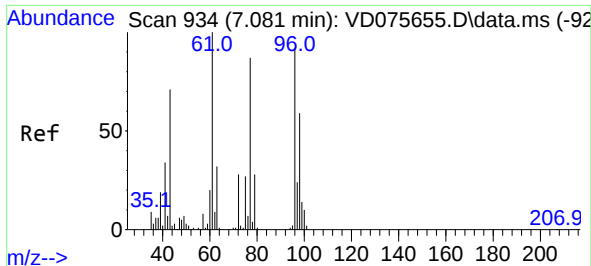
Tgt Ion: 43 Resp: 815183
 Ion Ratio Lower Upper
 43 100
 86 15.6 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 47.957 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

Tgt Ion: 63 Resp: 247066
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.5 2.0 6.0

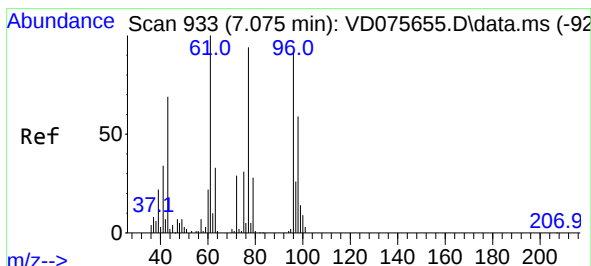
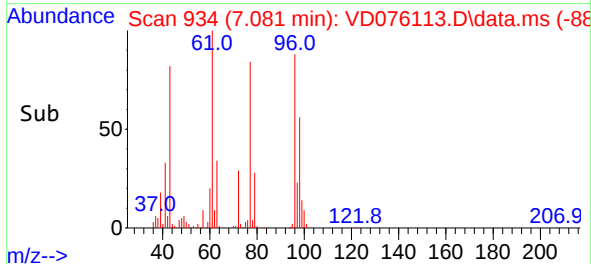
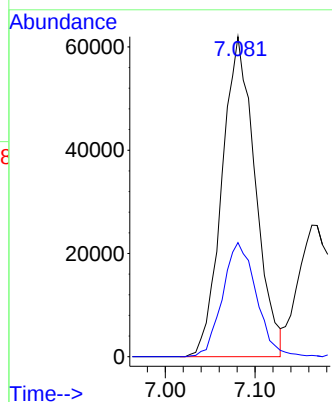
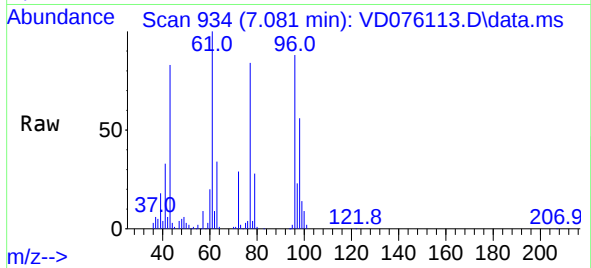




#25
2-Butanone
Concen: 257.127 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

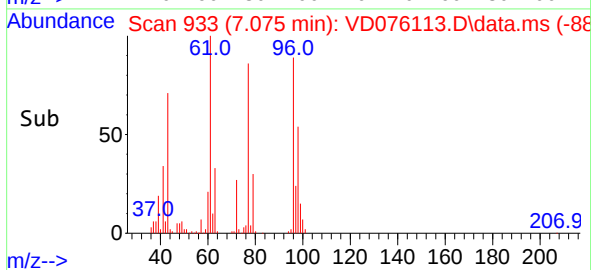
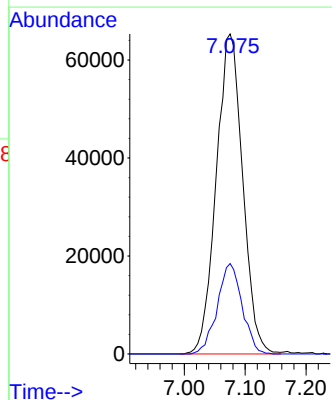
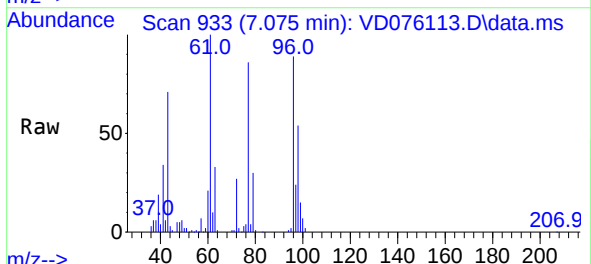
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

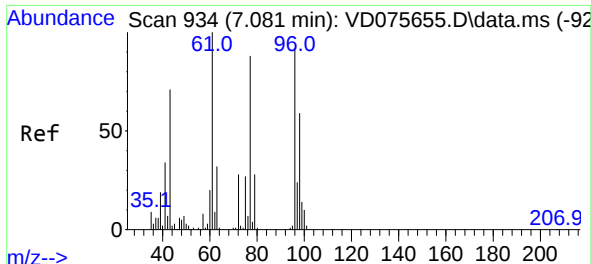
Tgt Ion: 43 Resp: 159509
Ion Ratio Lower Upper
43 100
72 35.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 46.893 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 77 Resp: 196991
Ion Ratio Lower Upper
77 100
97 26.5 11.1 33.1

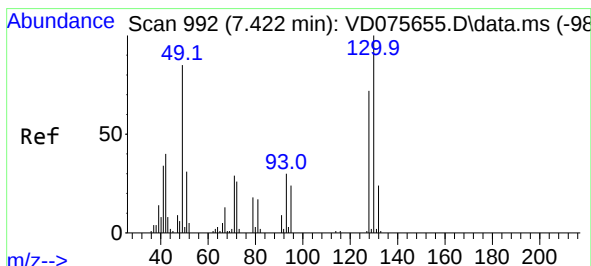
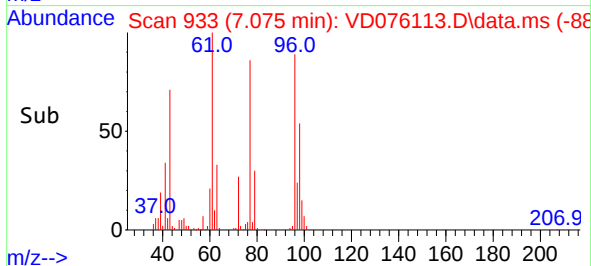
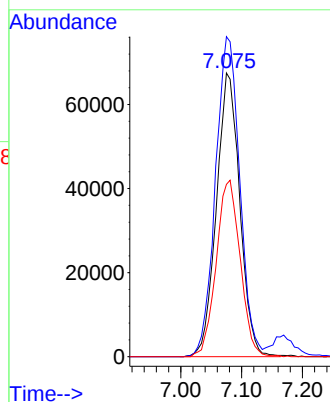
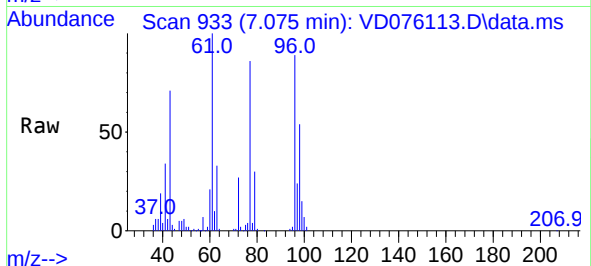




#27
cis-1,2-Dichloroethene
Concen: 50.742 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

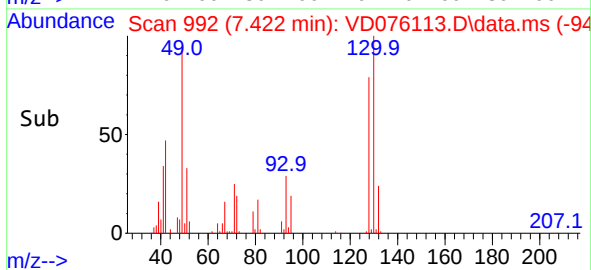
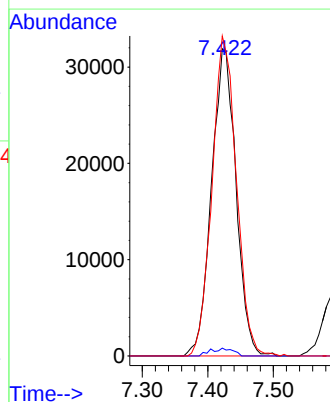
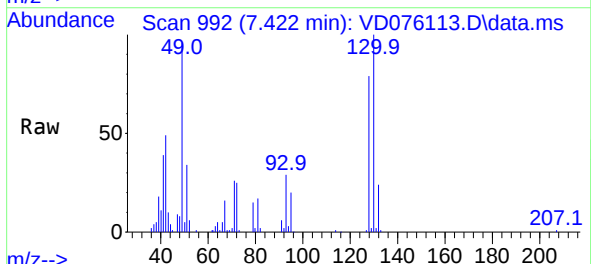
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

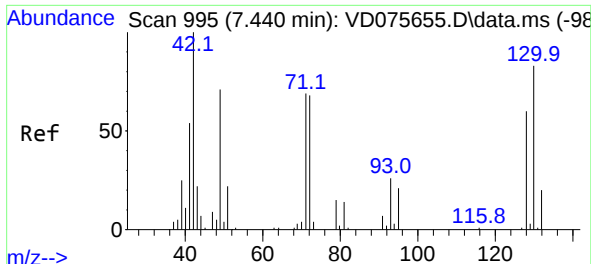
Tgt Ion: 96 Resp: 179960
Ion Ratio Lower Upper
96 100
61 117.0 0.0 295.2
98 63.9 0.0 129.2



#28
Bromochloromethane
Concen: 48.109 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 49 Resp: 82642
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.2#
130 103.6 56.0 84.0#





#29

Tetrahydrofuran

Concen: 263.683 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

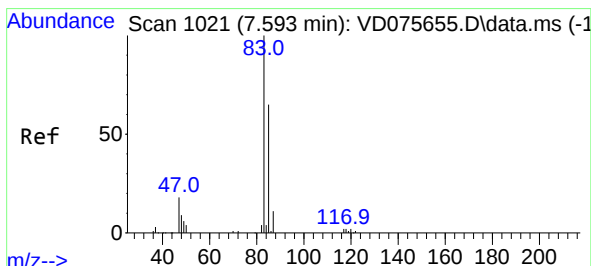
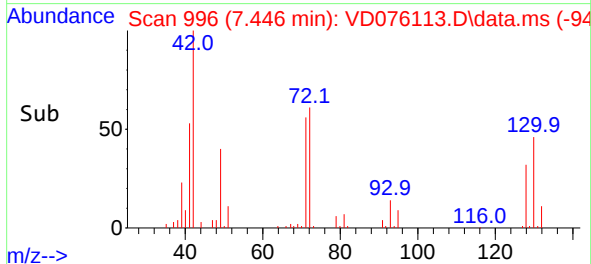
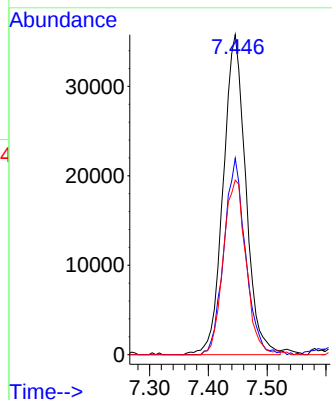
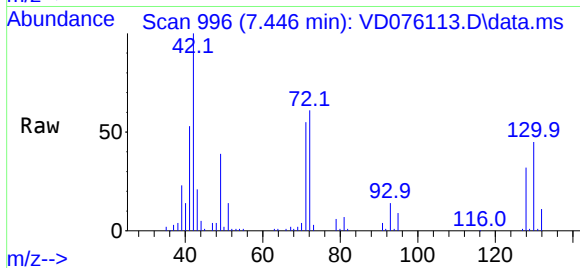
Tgt Ion: 42 Resp: 95342

Ion Ratio Lower Upper

42 100

72 59.0 31.8 47.6#

71 54.9 27.6 41.4#



#30

Chloroform

Concen: 47.729 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076113.D

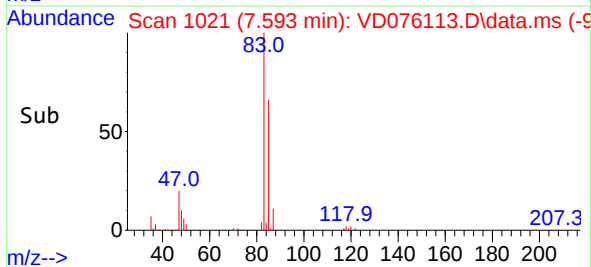
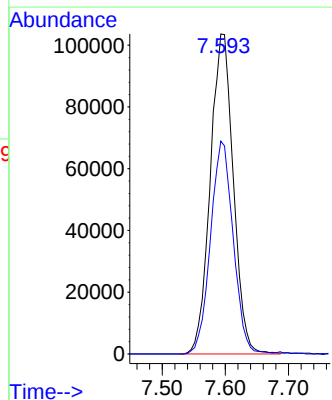
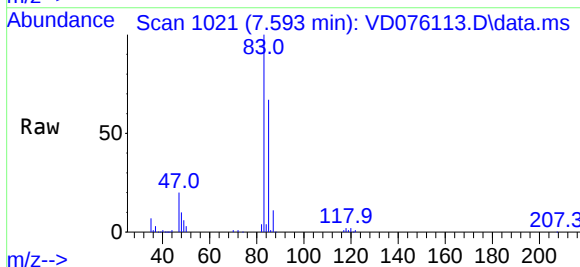
Acq: 15 May 2023 13:20

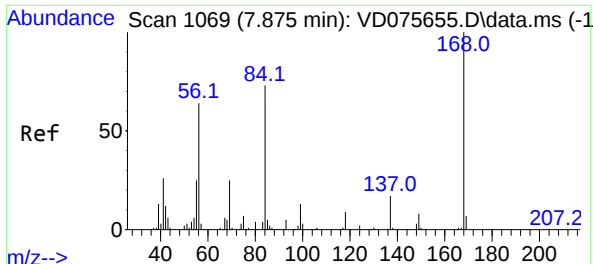
Tgt Ion: 83 Resp: 262956

Ion Ratio Lower Upper

83 100

85 66.5 49.4 74.2





#31

Cyclohexane

Concen: 44.629 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

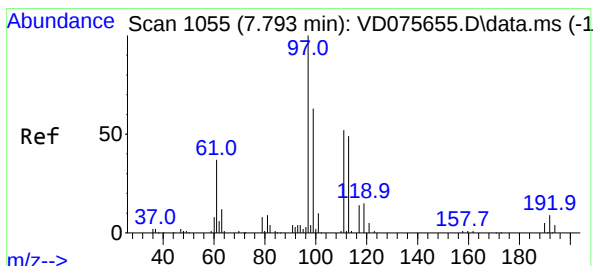
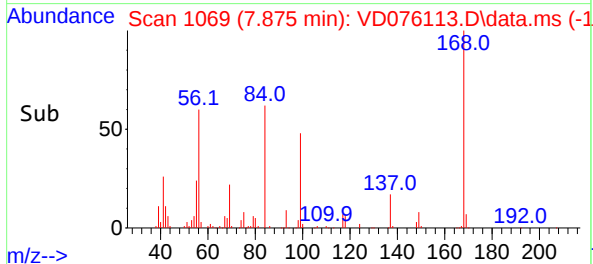
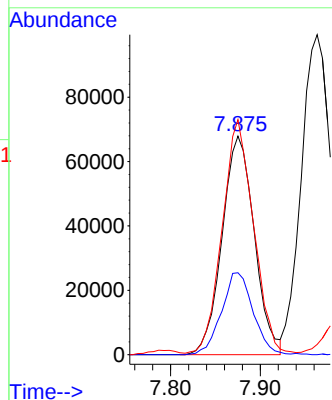
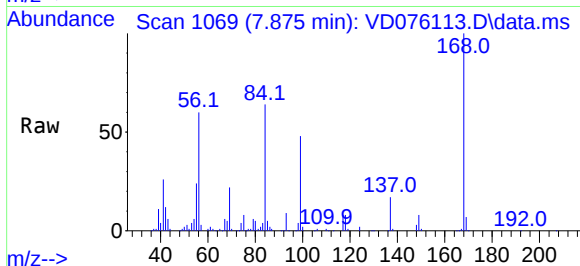
Tgt Ion: 56 Resp: 169492

Ion Ratio Lower Upper

56 100

69 37.5 25.5 38.3

84 106.7 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 46.516 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

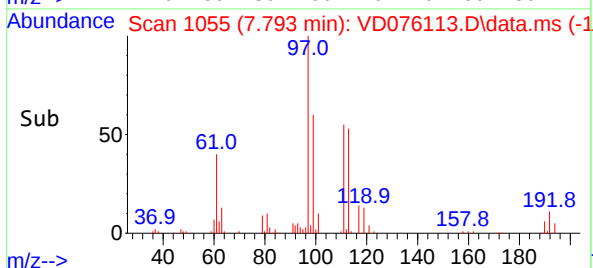
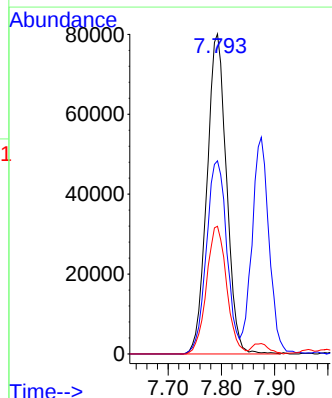
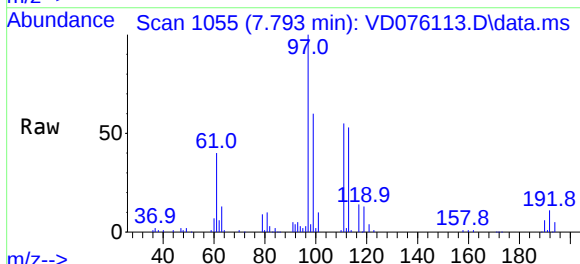
Tgt Ion: 97 Resp: 204233

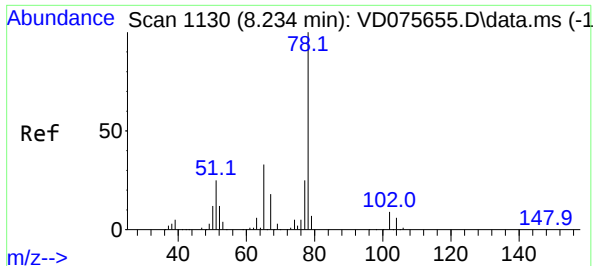
Ion Ratio Lower Upper

97 100

99 63.0 50.5 75.7

61 41.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.224 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

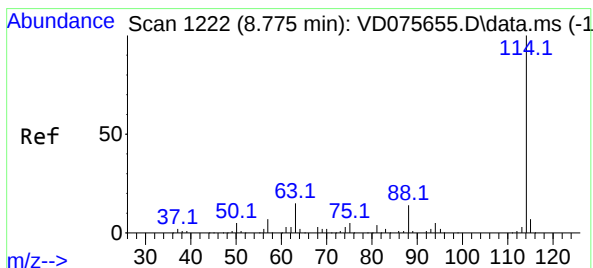
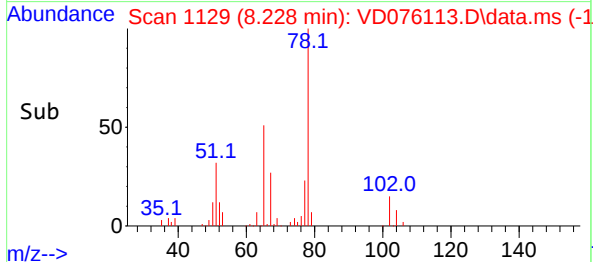
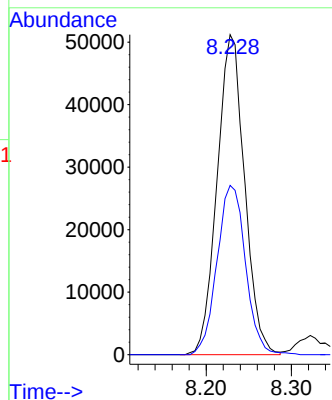
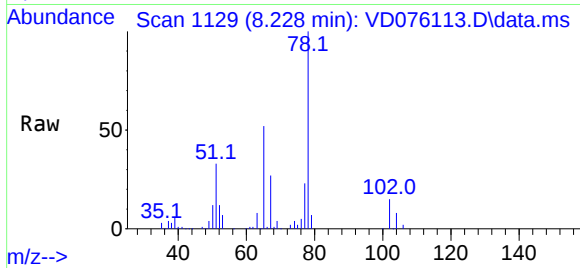
VSTDICCC050

Tgt Ion: 65 Resp: 114624

Ion Ratio Lower Upper

65 100

67 54.9 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: VD076113.D

Acq: 15 May 2023 13:20

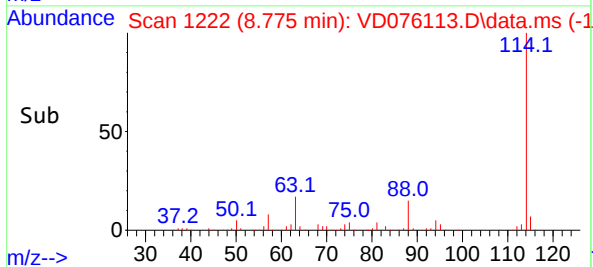
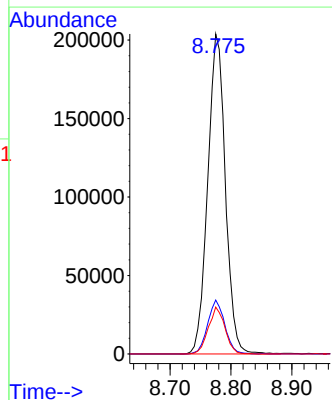
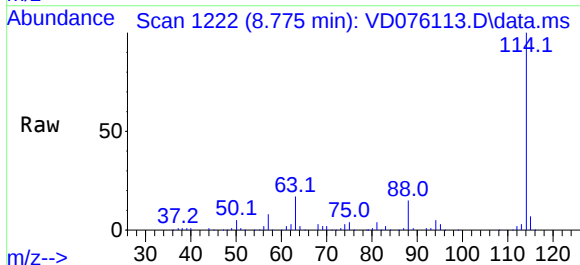
Tgt Ion:114 Resp: 410721

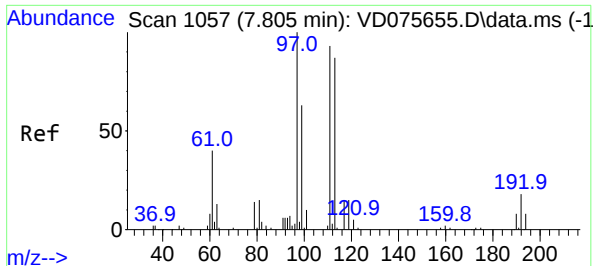
Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.766 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

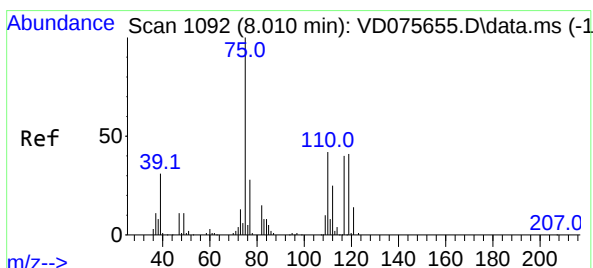
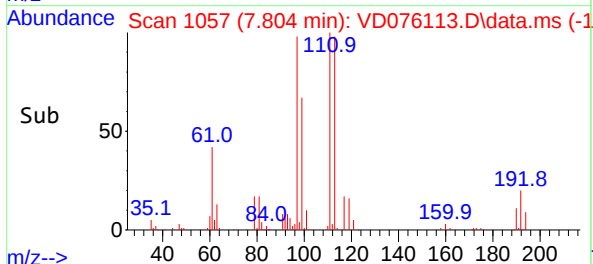
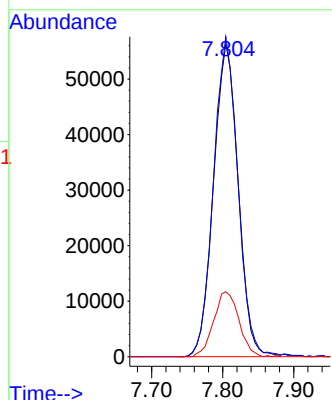
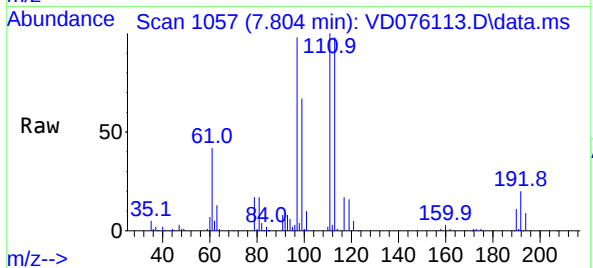
Tgt Ion:113 Resp: 135606

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 21.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 47.958 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

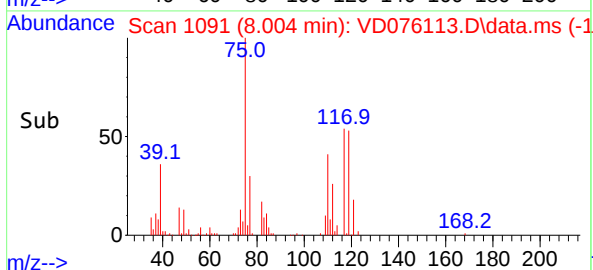
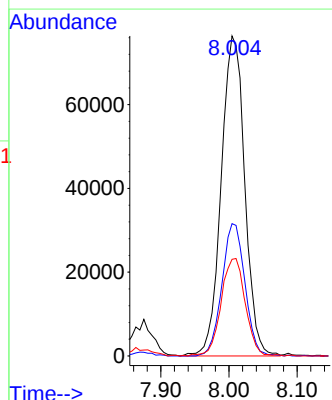
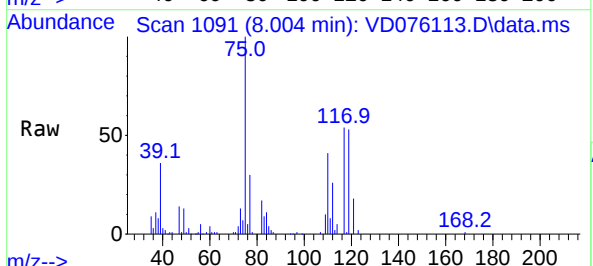
Tgt Ion: 75 Resp: 183882

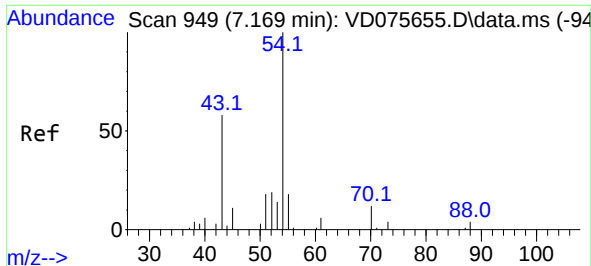
Ion Ratio Lower Upper

75 100

110 40.3 17.1 51.2

77 31.3 24.6 36.8

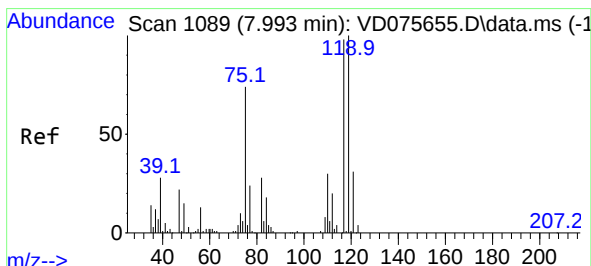
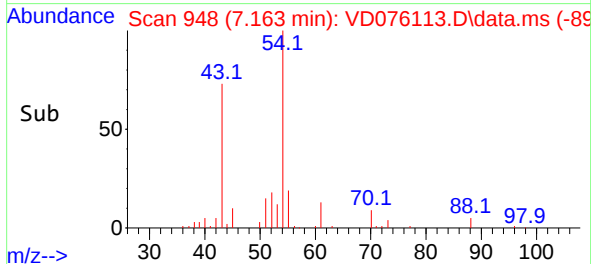
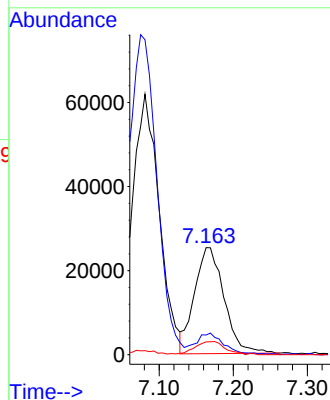
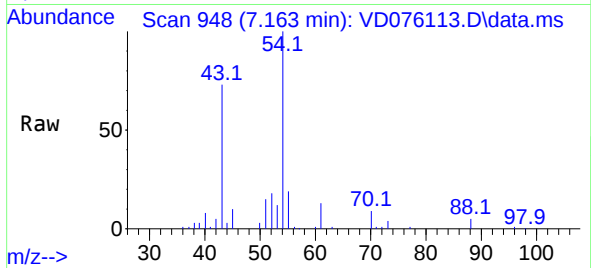




#37
Ethyl Acetate
Concen: 52.676 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

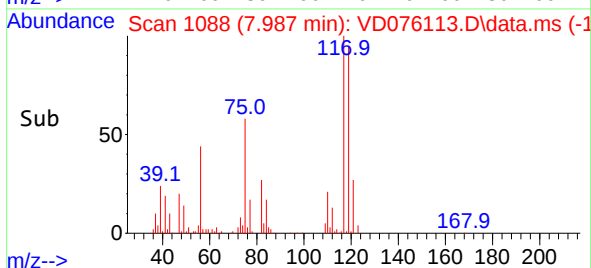
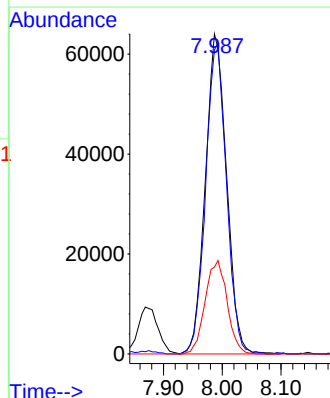
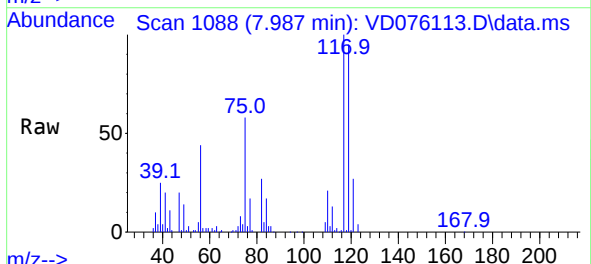
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

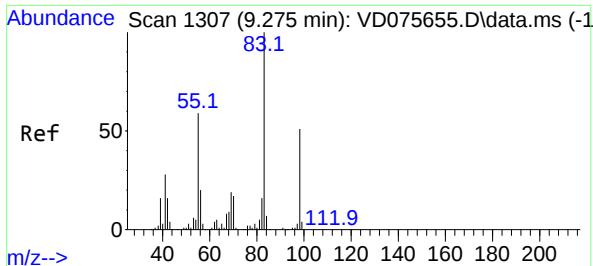
Tgt Ion: 43 Resp: 69938
Ion Ratio Lower Upper
43 100
61 18.7 0.0 0.0#
70 12.8 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 46.453 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 117 Resp: 160880
Ion Ratio Lower Upper
117 100
119 95.0 74.7 112.1
121 27.2 25.9 38.9





#39

Methylcyclohexane

Concen: 45.954 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

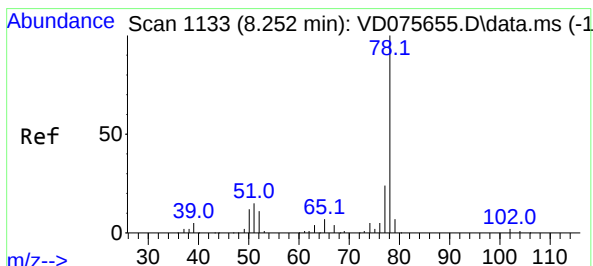
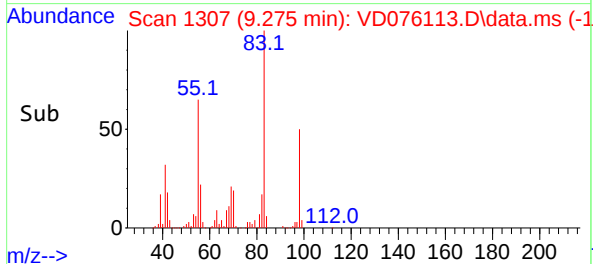
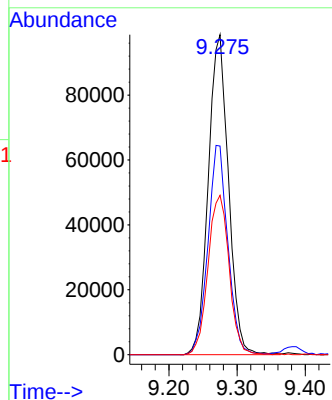
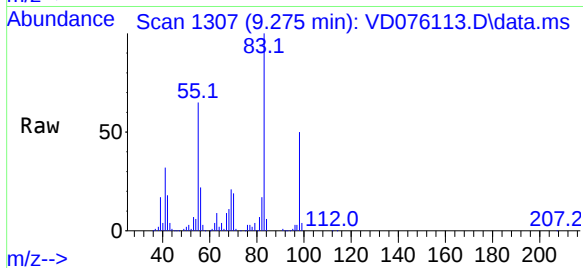
Tgt Ion: 83 Resp: 202856

Ion Ratio Lower Upper

83 100

55 65.2 56.8 85.2

98 49.8 38.9 58.3



#40

Benzene

Concen: 49.172 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076113.D

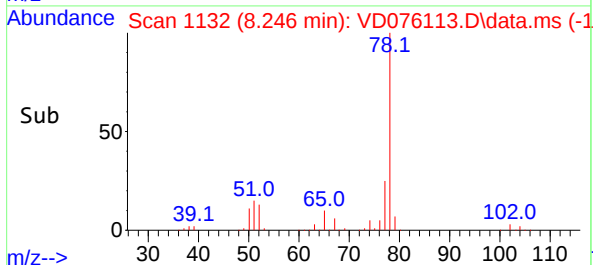
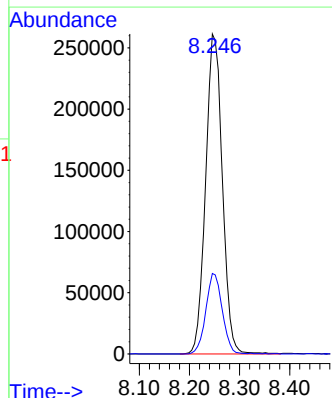
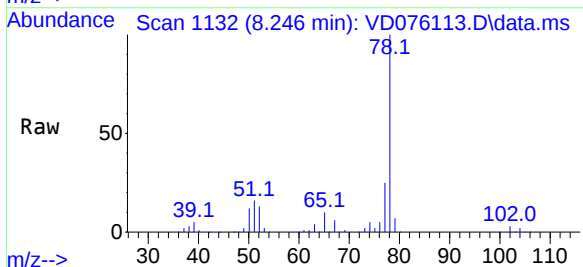
Acq: 15 May 2023 13:20

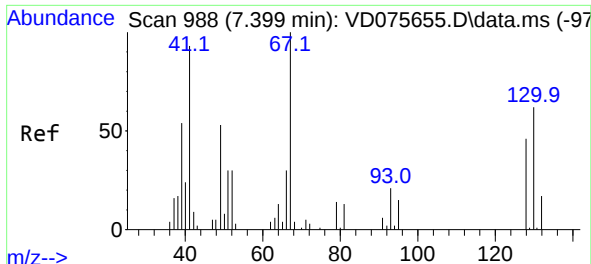
Tgt Ion: 78 Resp: 606142

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7



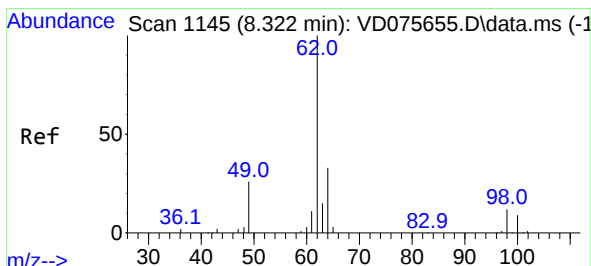
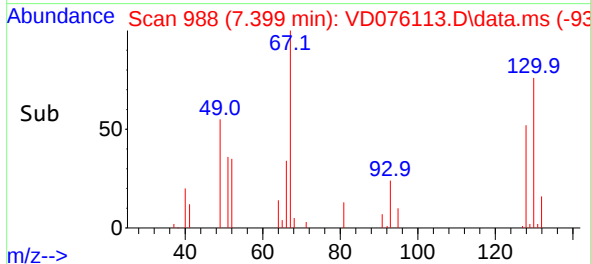
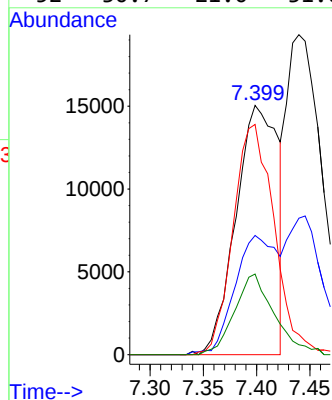
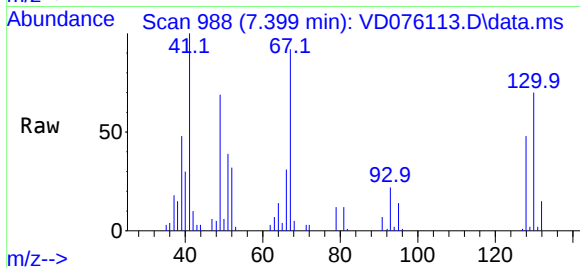


#41
Methacrylonitrile
Concen: 56.694 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 41274

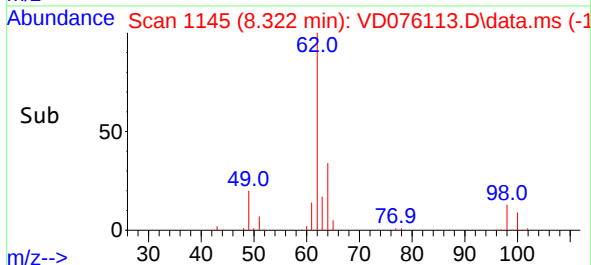
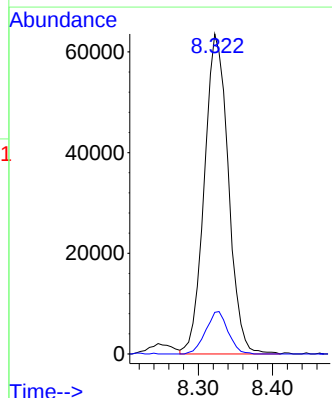
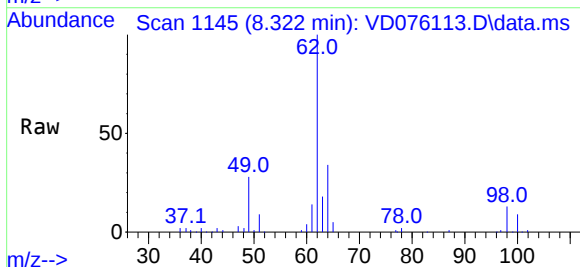
Ion	Ratio	Lower	Upper
41	100		
39	48.5	45.3	67.9
67	90.8	50.5	75.7#
52	30.7	21.0	31.6

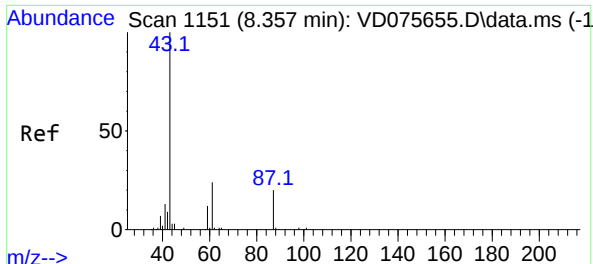


#42
1,2-Dichloroethane
Concen: 48.921 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 62 Resp: 142639

Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	18.8

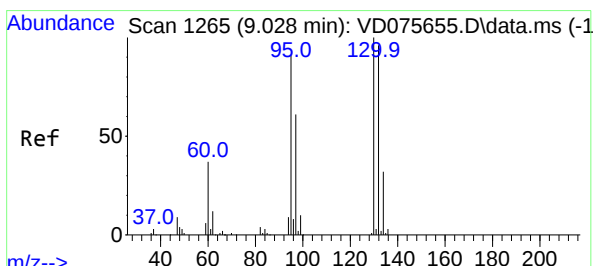
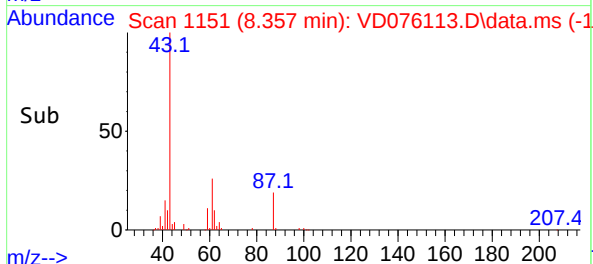
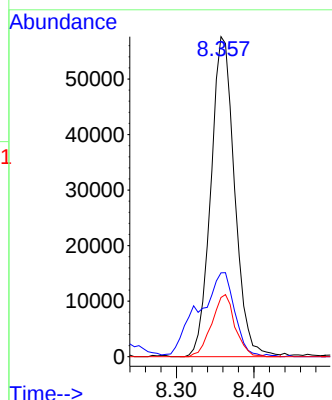
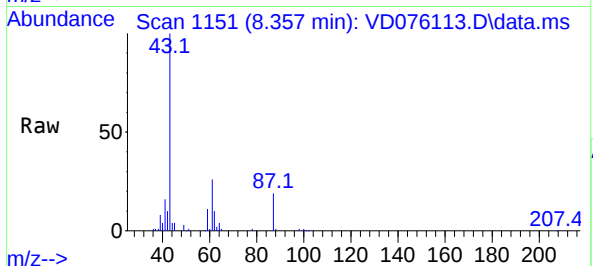




#43
Isopropyl Acetate
Concen: 49.445 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

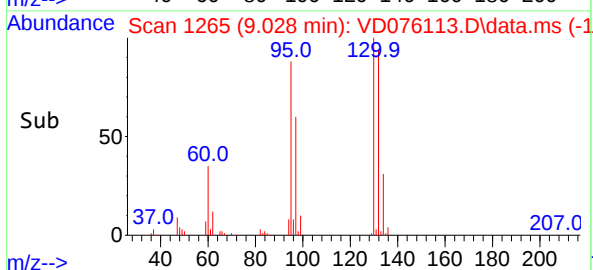
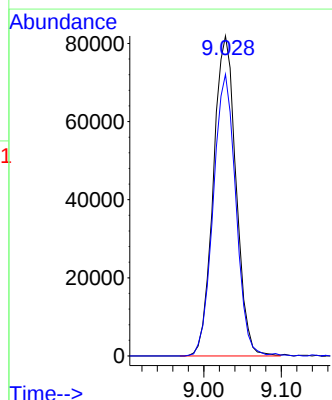
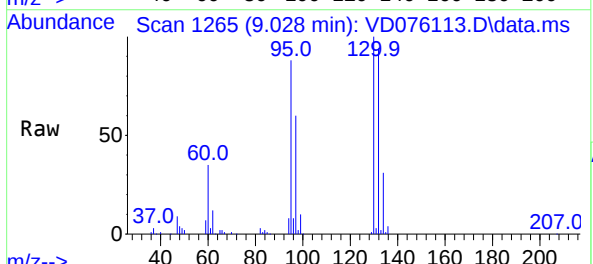
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

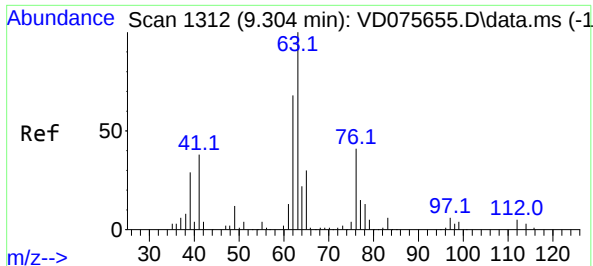
Tgt Ion: 43 Resp: 122632
Ion Ratio Lower Upper
43 100
61 40.1 23.4 35.0#
87 19.0 9.5 14.3#



#44
Trichloroethene
Concen: 47.825 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:130 Resp: 166144
Ion Ratio Lower Upper
130 100
95 88.0 0.0 197.6

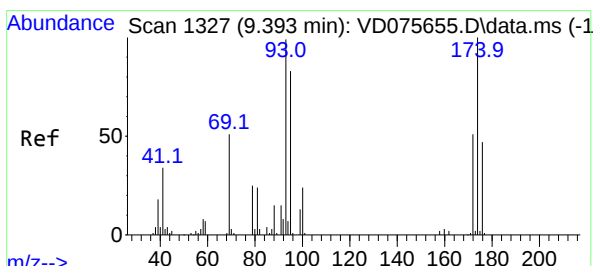
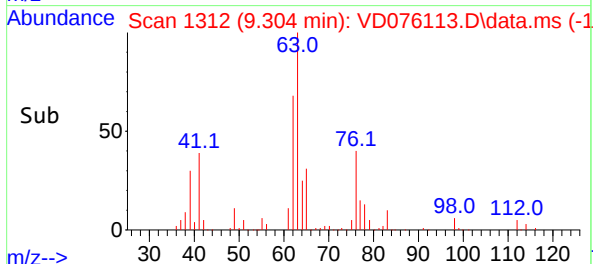
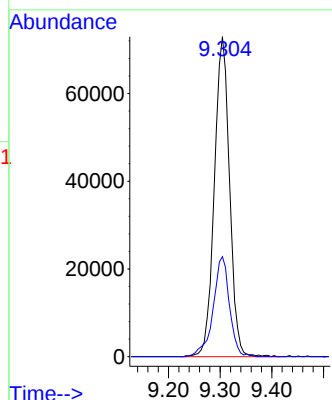
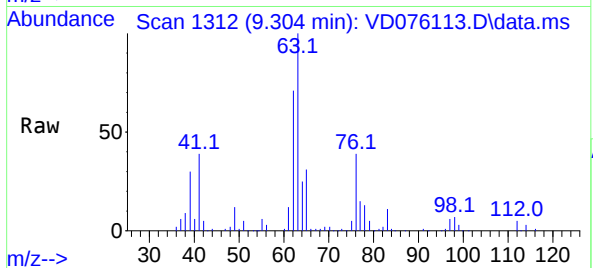




#45
1,2-Dichloropropane
Concen: 49.083 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

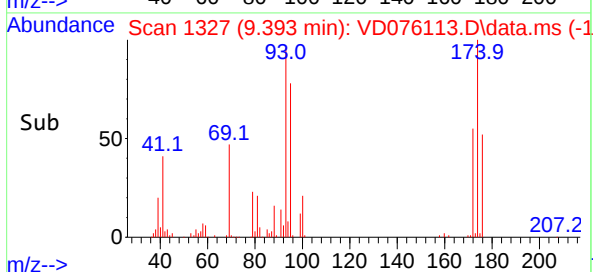
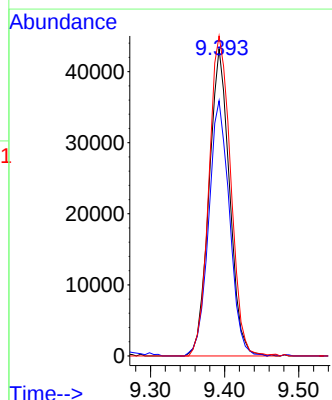
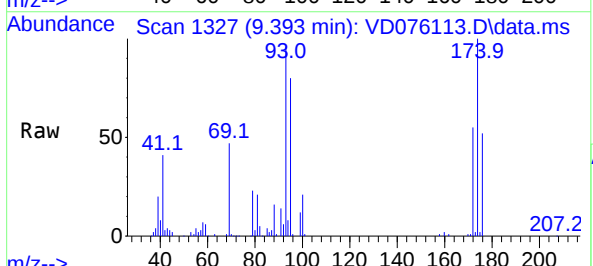
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

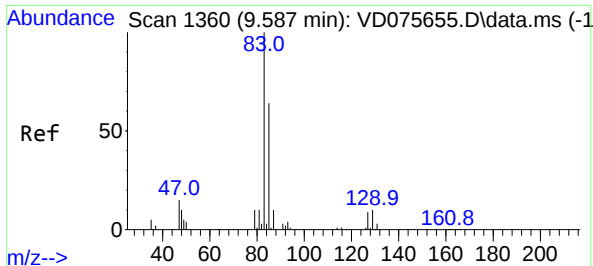
Tgt Ion: 63 Resp: 149242
Ion Ratio Lower Upper
63 100
65 31.3 23.0 34.4



#46
Dibromomethane
Concen: 48.606 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 93 Resp: 82840
Ion Ratio Lower Upper
93 100
95 84.4 64.5 96.7
174 110.5 76.2 114.4

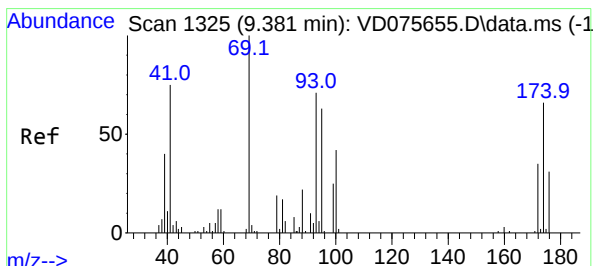
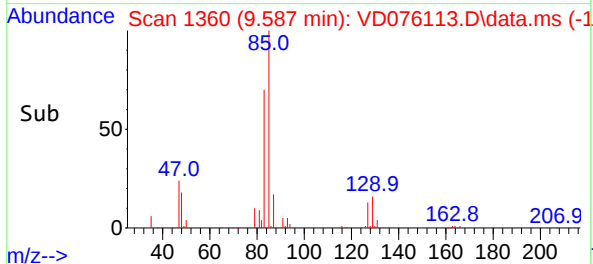
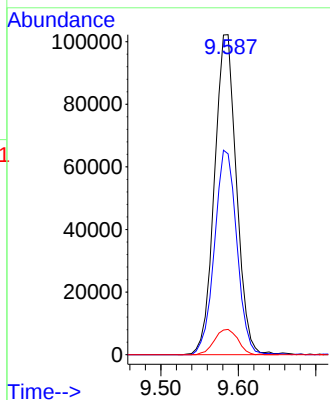
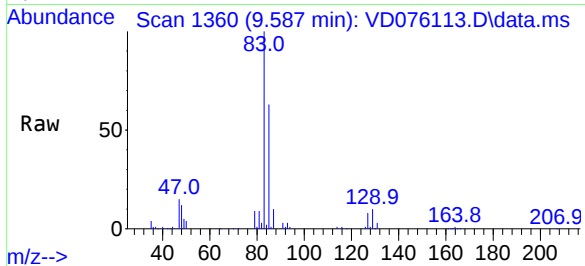




#47
Bromodichloromethane
Concen: 49.209 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

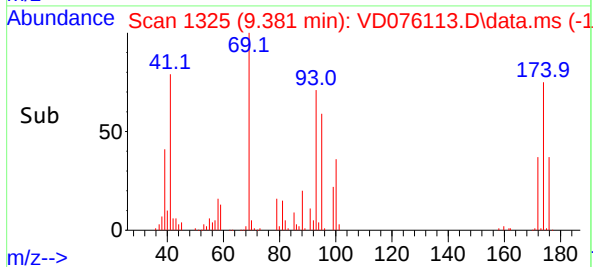
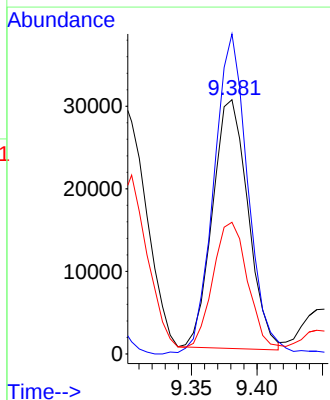
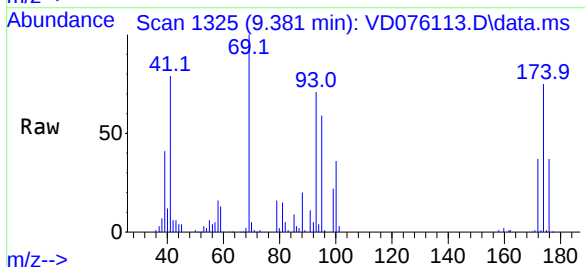
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

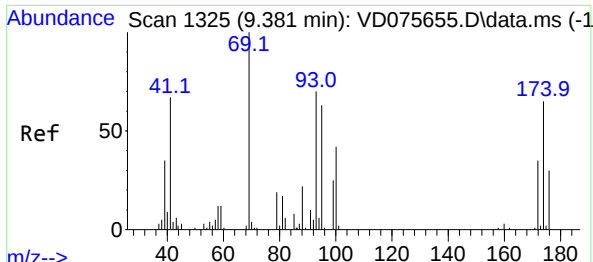
Tgt Ion: 83 Resp: 201563
Ion Ratio Lower Upper
83 100
85 62.7 53.7 80.5
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 51.665 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 41 Resp: 56713
Ion Ratio Lower Upper
41 100
69 124.2 58.6 88.0#
39 54.7 53.4 80.0

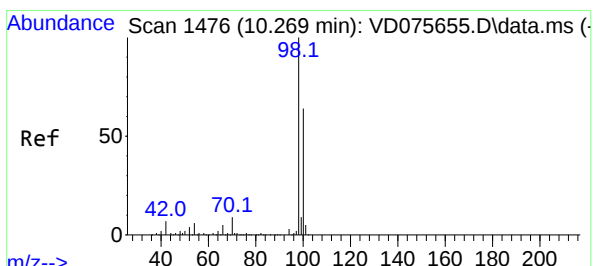
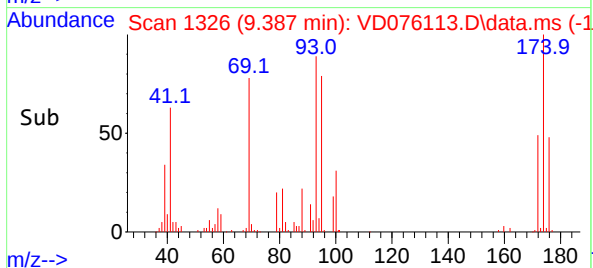
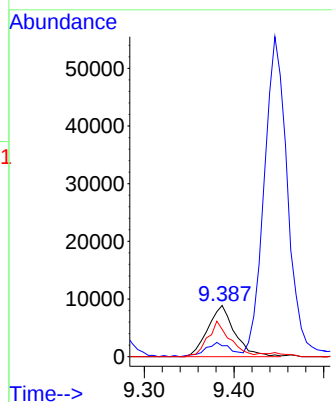
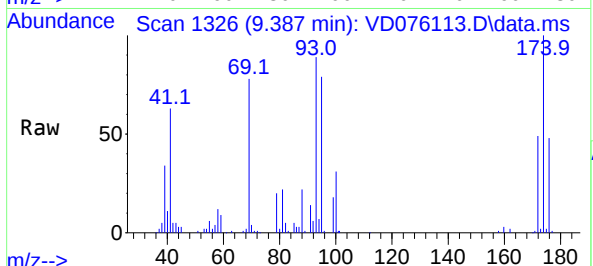




#49
1,4-Dioxane
Concen: 1014.192 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

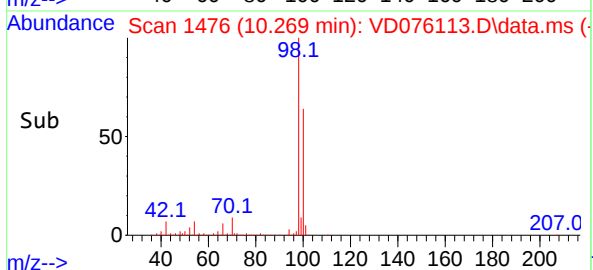
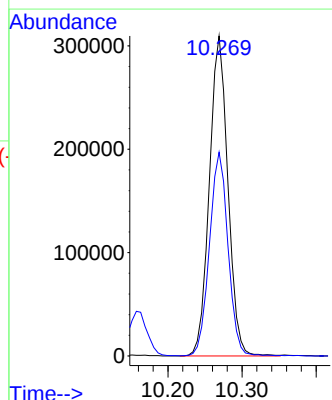
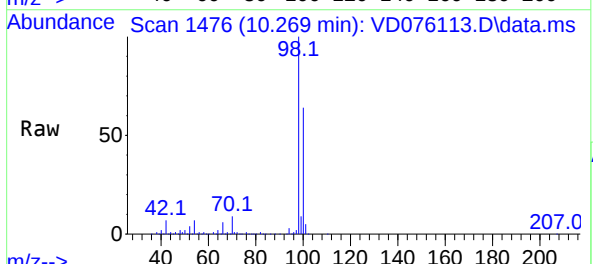
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

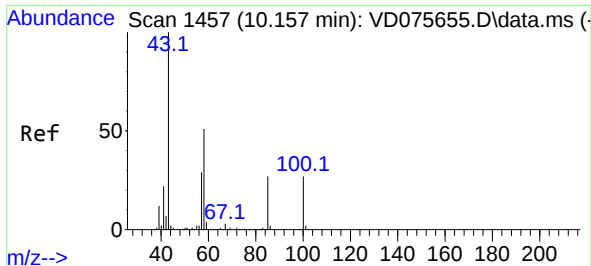
Tgt Ion: 88 Resp: 18484
Ion Ratio Lower Upper
88 100
43 26.3 34.6 51.8#
58 57.2 58.0 87.0#



#50
Toluene-d8
Concen: 48.556 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 98 Resp: 537368
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

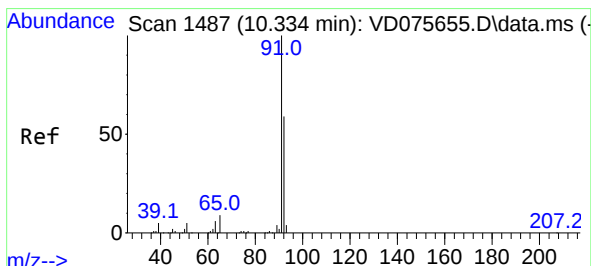
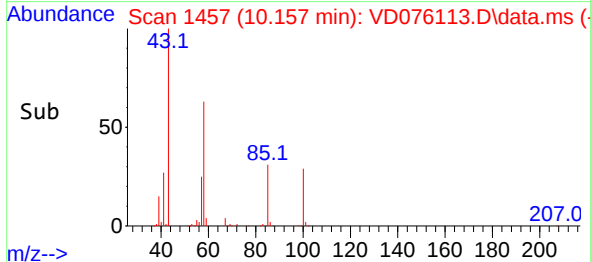
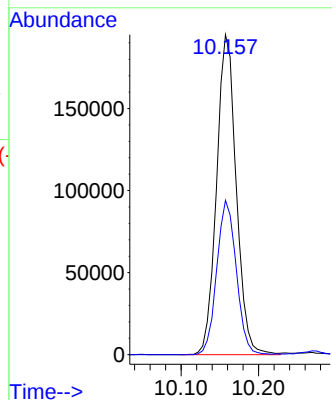
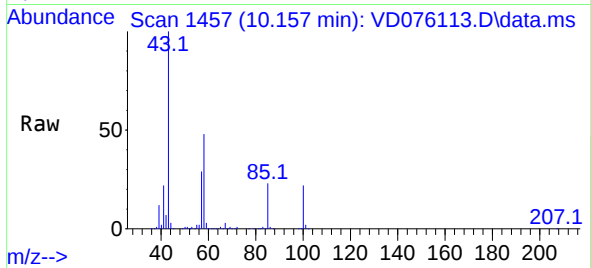




#51
4-Methyl-2-Pentanone
Concen: 260.852 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

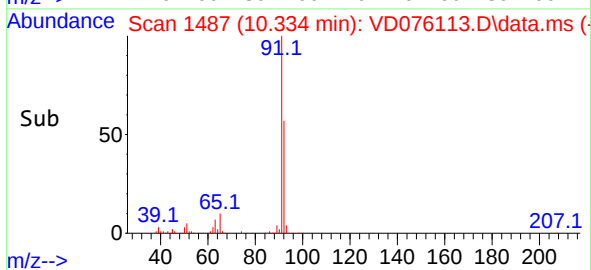
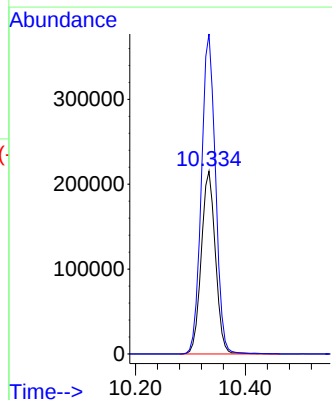
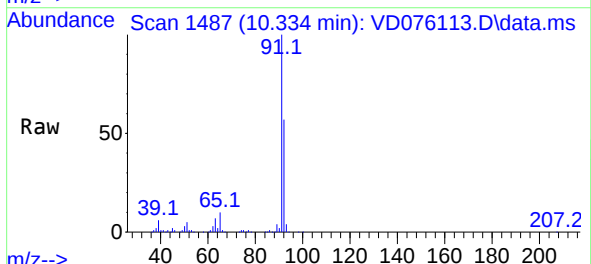
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

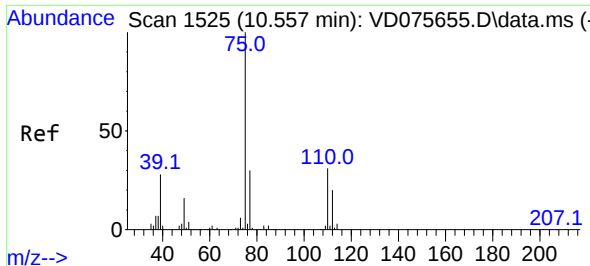
Tgt Ion: 43 Resp: 344085
Ion Ratio Lower Upper
43 100
58 47.9 29.5 44.3#



#52
Toluene
Concen: 49.895 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 92 Resp: 384142
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7

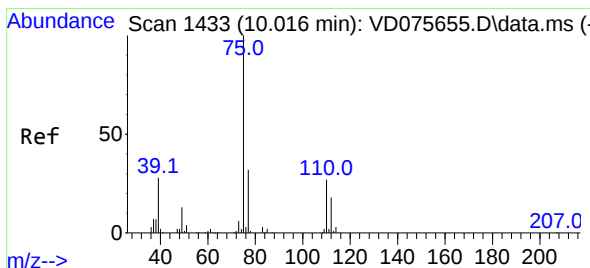
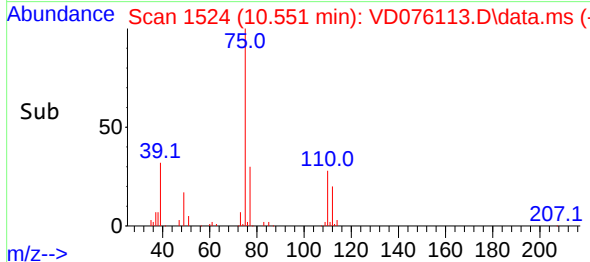
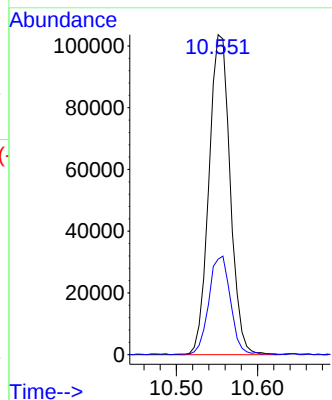
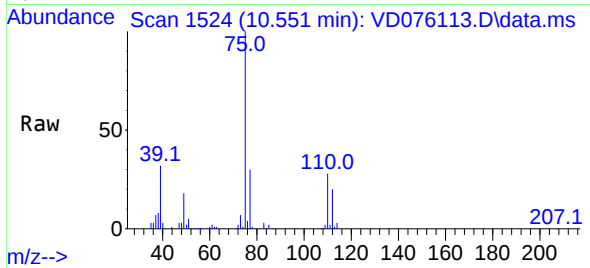




#53
 t-1,3-Dichloropropene
 Concen: 50.936 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

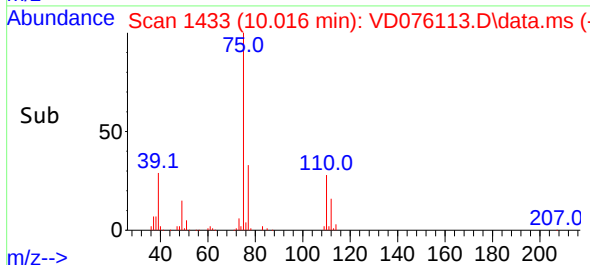
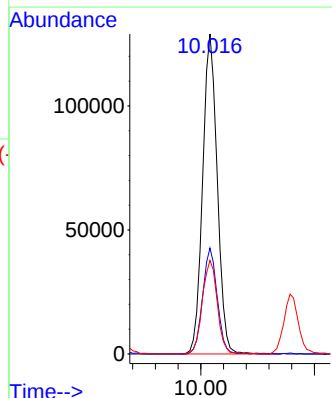
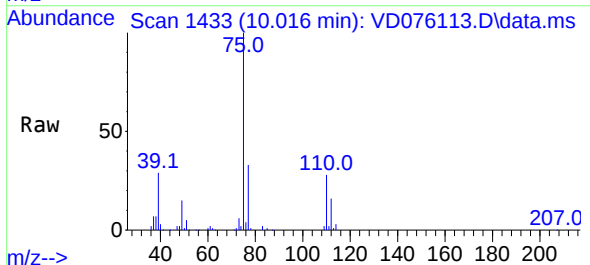
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

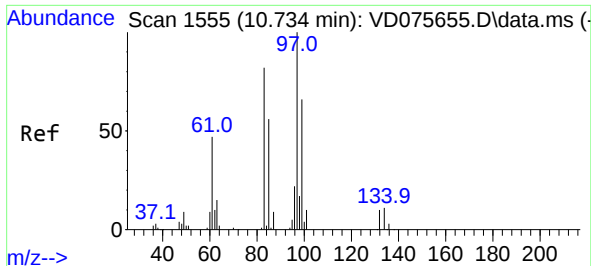
Tgt Ion: 75 Resp: 188041
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.011 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

Tgt Ion: 75 Resp: 229820
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4
 39 29.3 44.8 67.2#



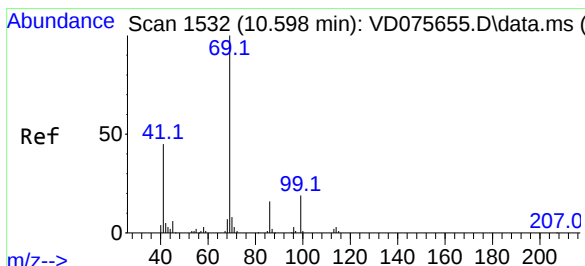
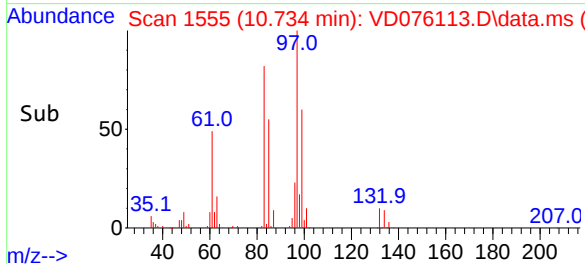
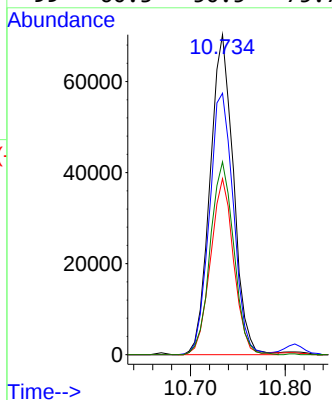
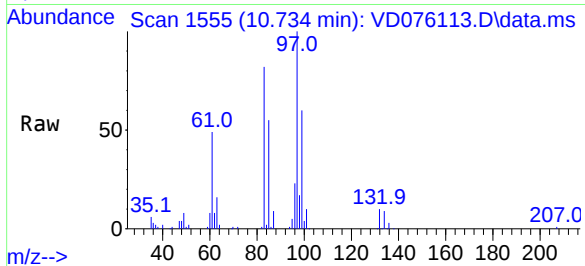


#55
1,1,2-Trichloroethane
Concen: 49.402 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 120741

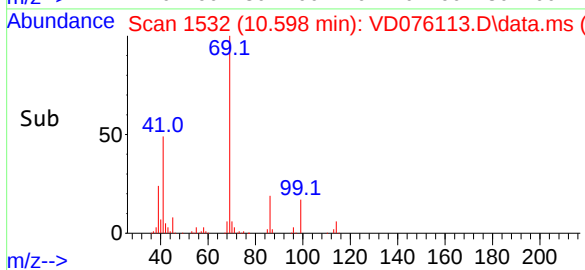
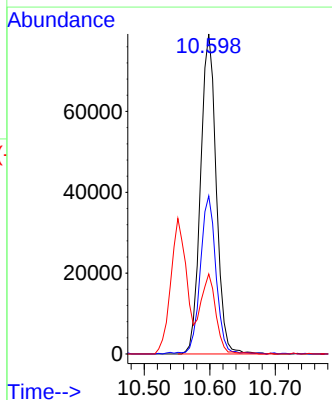
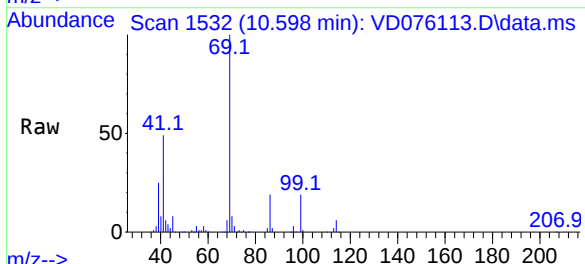
Ion	Ratio	Lower	Upper
97	100		
83	81.7	74.2	111.4
85	55.0	45.4	68.0
99	60.3	50.5	75.7

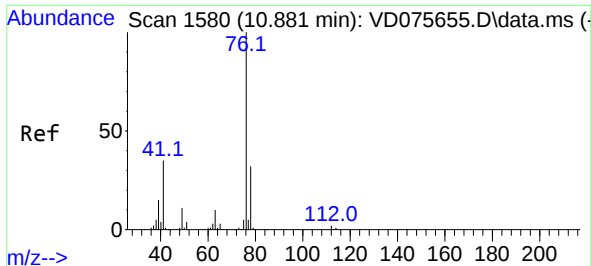


#56
Ethyl methacrylate
Concen: 53.691 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 69 Resp: 131899

Ion	Ratio	Lower	Upper
69	100		
41	49.5	59.3	88.9#
39	24.7	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 50.110 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

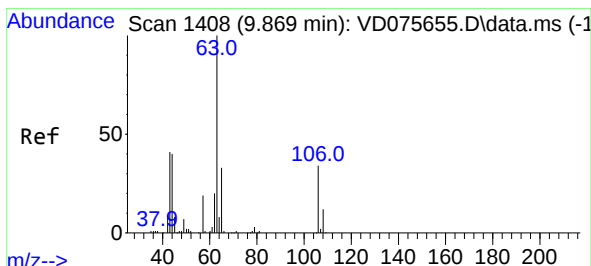
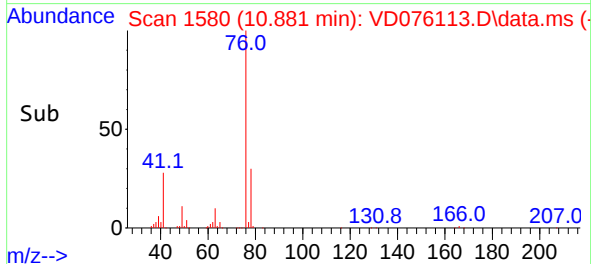
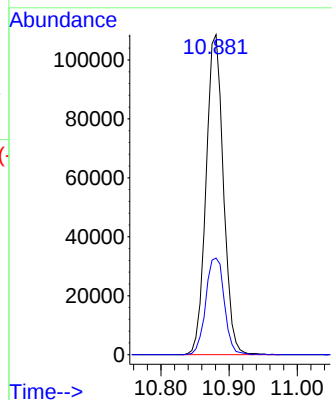
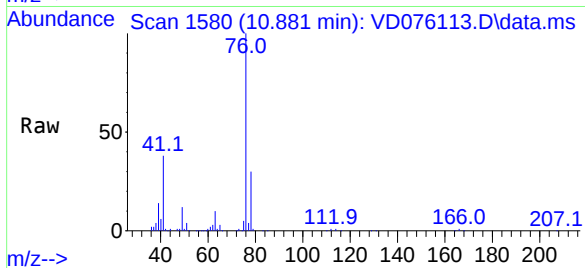
VSTDICCC050

Tgt Ion: 76 Resp: 192142

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.670 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076113.D

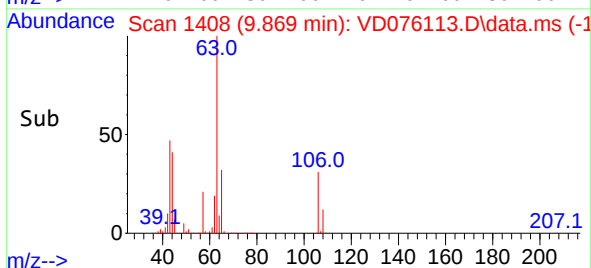
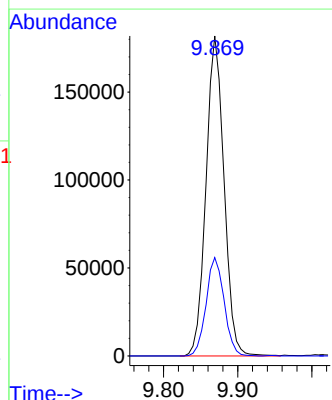
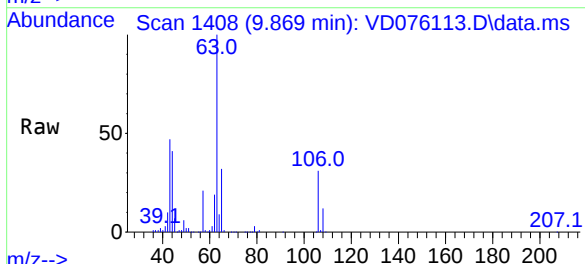
Acq: 15 May 2023 13:20

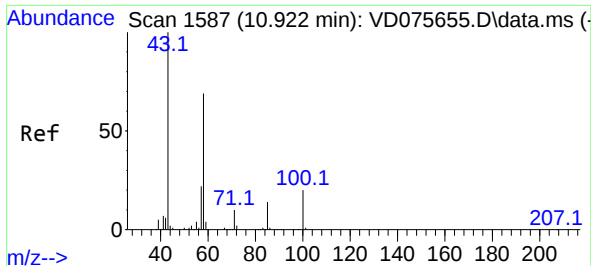
Tgt Ion: 63 Resp: 307250

Ion Ratio Lower Upper

63 100

106 30.7 21.4 32.2

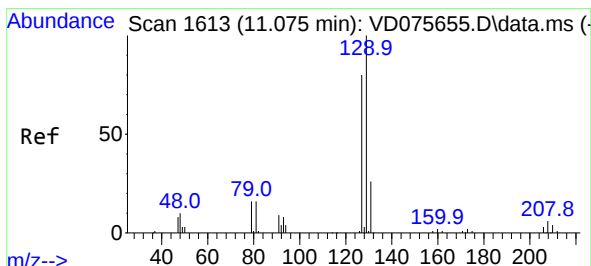
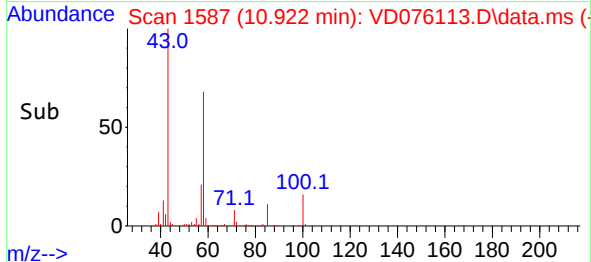
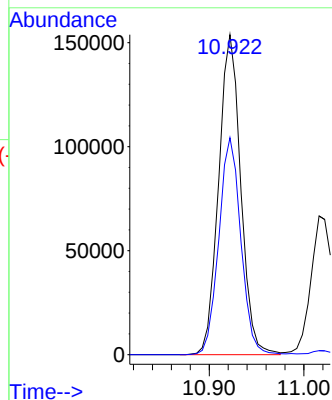
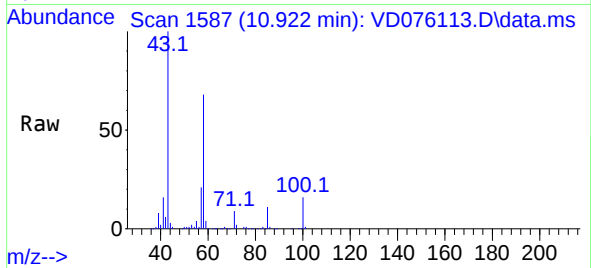




#59
2-Hexanone
Concen: 268.328 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

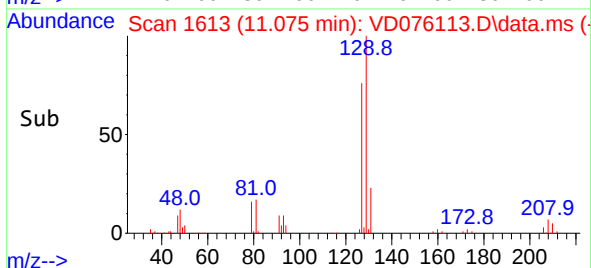
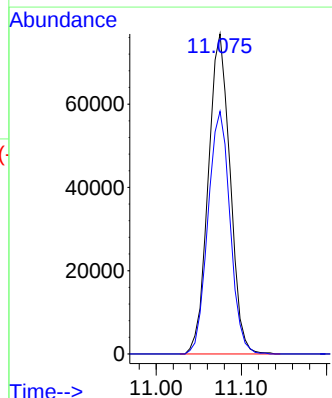
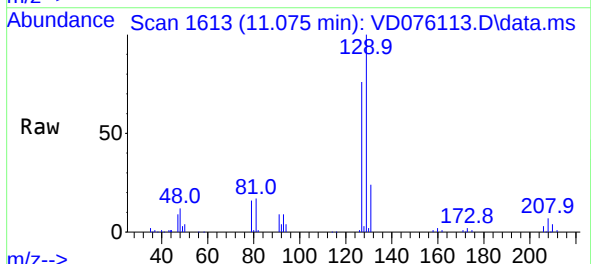
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

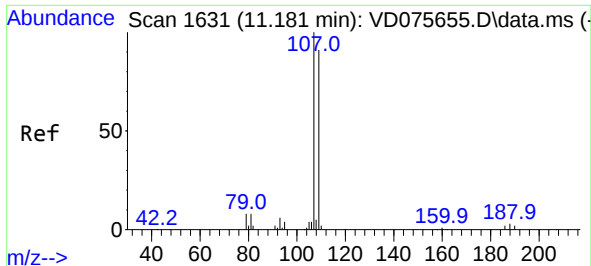
Tgt Ion: 43 Resp: 249613
Ion Ratio Lower Upper
43 100
58 67.6 25.3 75.8



#60
Dibromochloromethane
Concen: 49.737 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 129 Resp: 136684
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5

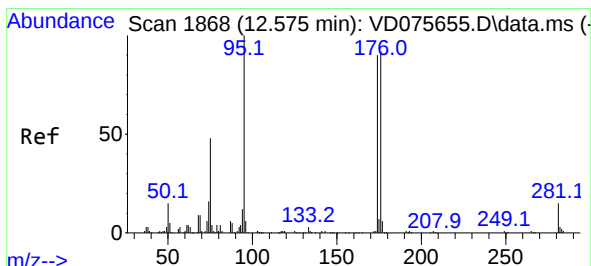
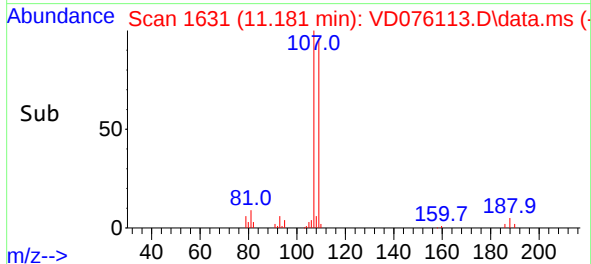
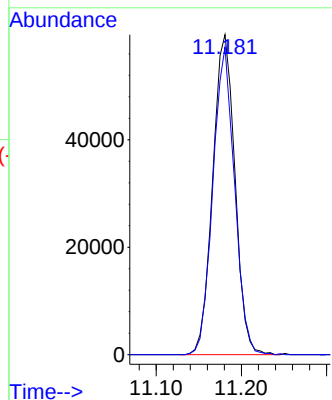
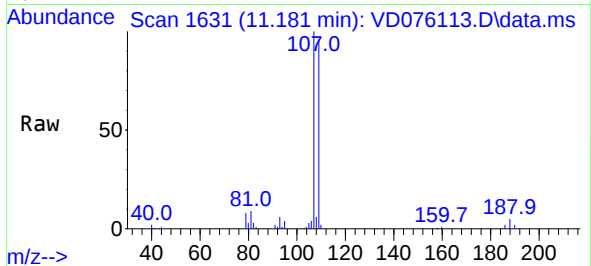




#61
1,2-Dibromoethane
Concen: 49.536 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

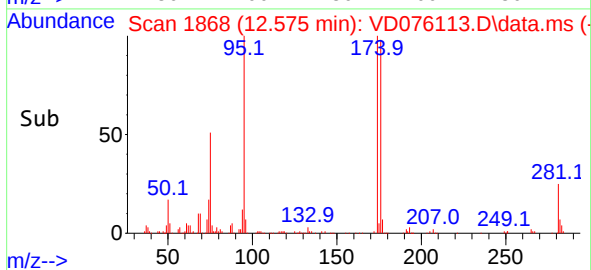
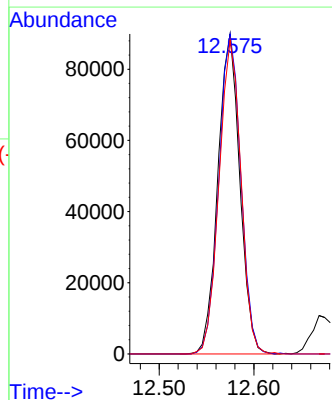
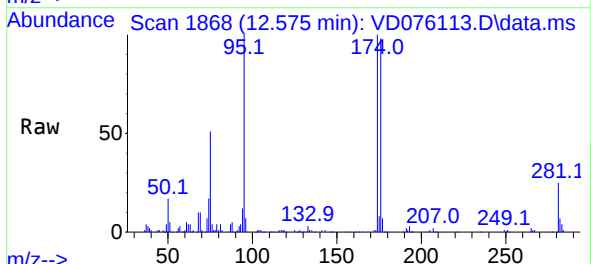
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

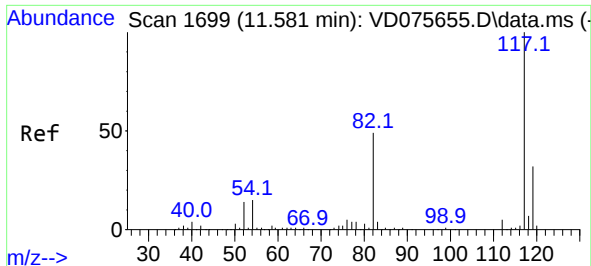
Tgt Ion:107 Resp: 107696
Ion Ratio Lower Upper
107 100
109 93.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 95 Resp: 144615
Ion Ratio Lower Upper
95 100
174 100.2 0.0 164.0
176 97.6 0.0 156.8

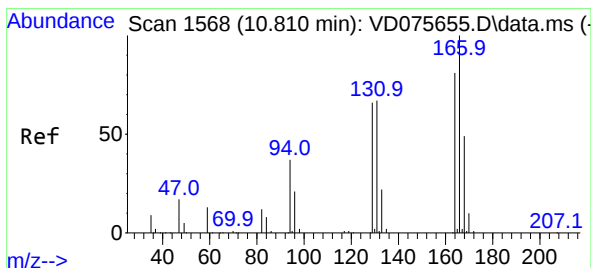
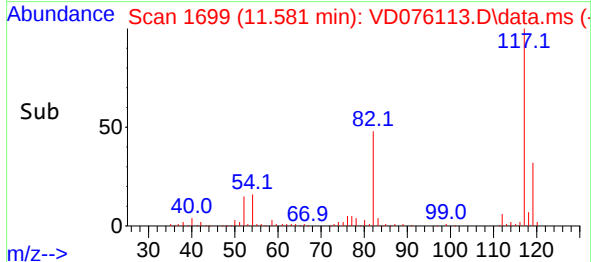
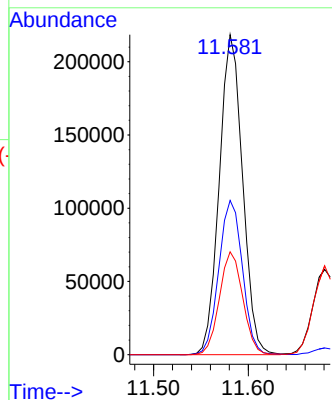
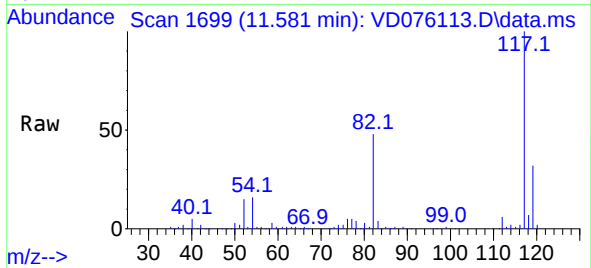




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

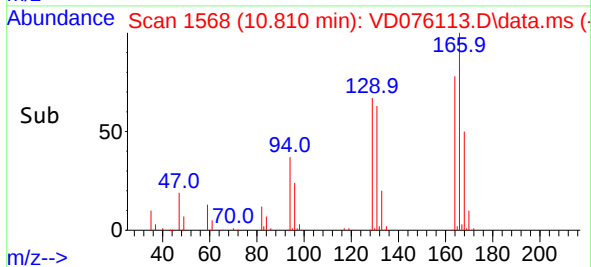
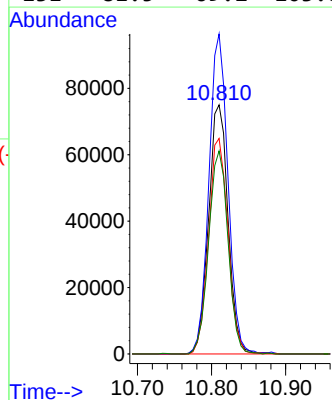
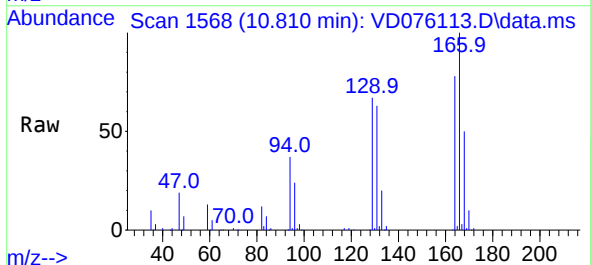
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

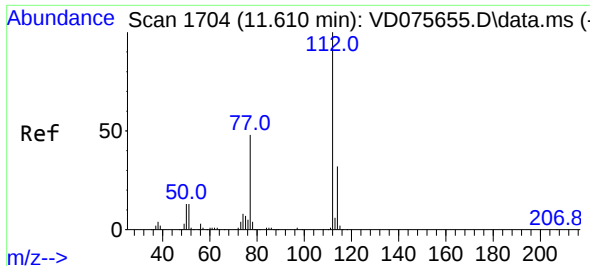
Tgt Ion:117 Resp: 373676
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 47.762 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:164 Resp: 137241
Ion Ratio Lower Upper
164 100
166 128.5 94.9 142.3
129 86.5 73.0 109.6
131 81.5 69.2 103.8

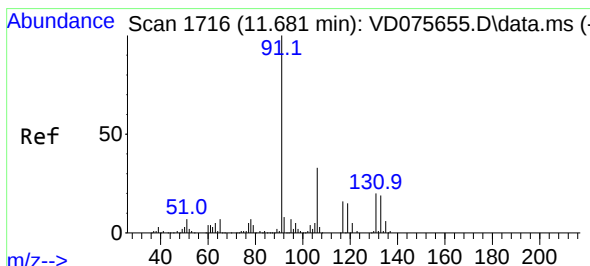
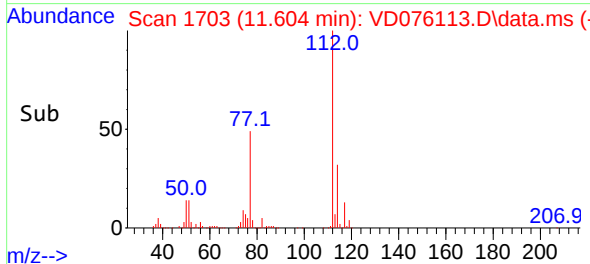
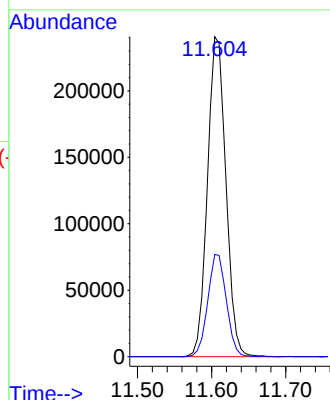
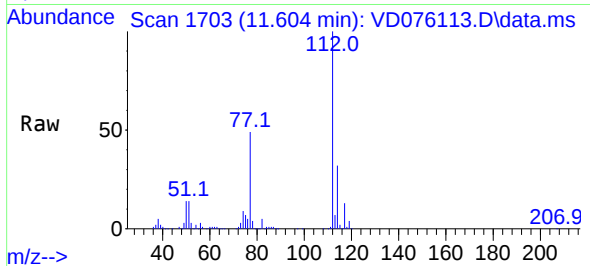




#65
Chlorobenzene
Concen: 48.965 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

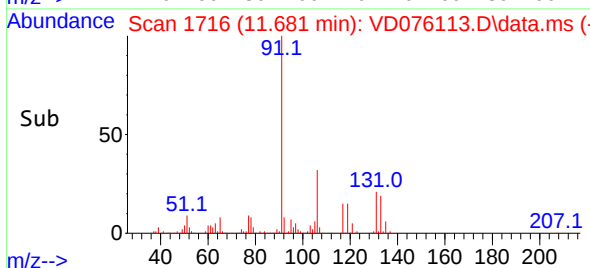
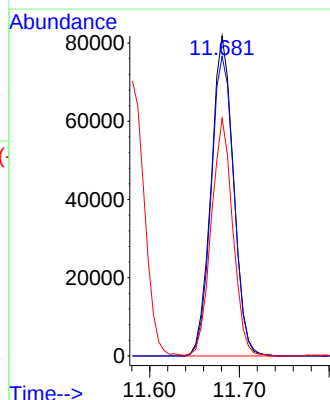
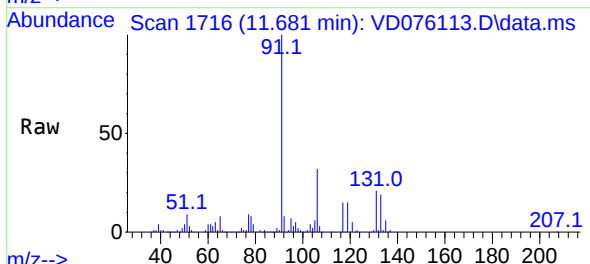
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

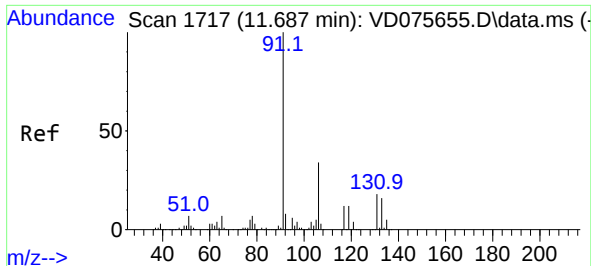
Tgt Ion:112 Resp: 416543
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.384 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:131 Resp: 141647
Ion Ratio Lower Upper
131 100
133 95.9 46.7 140.0
119 71.6 31.9 95.9

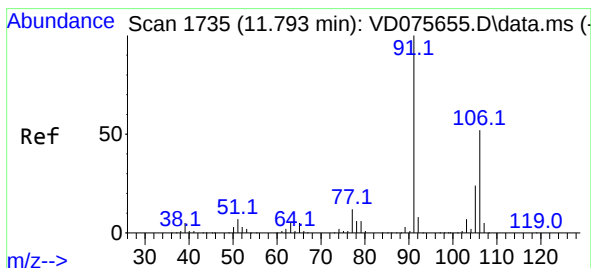
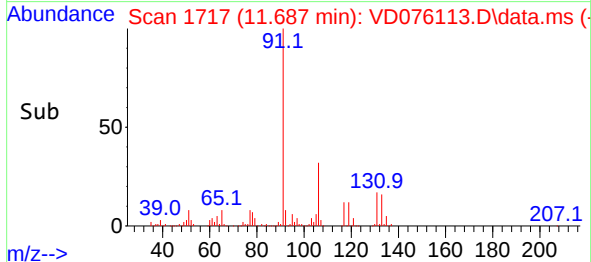
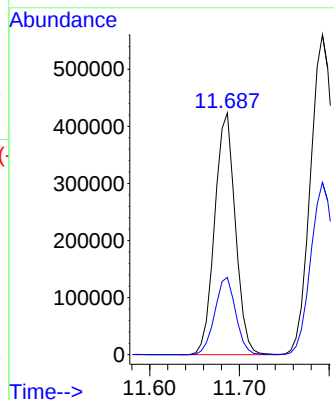
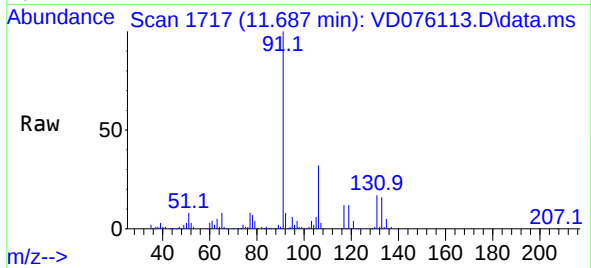




#67
Ethyl Benzene
Concen: 49.914 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

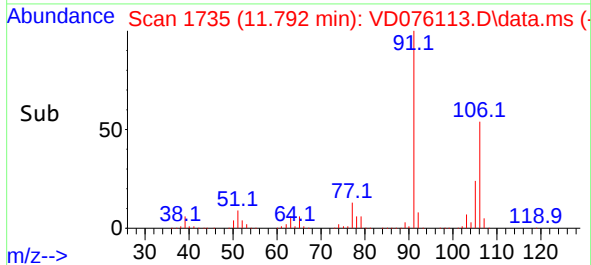
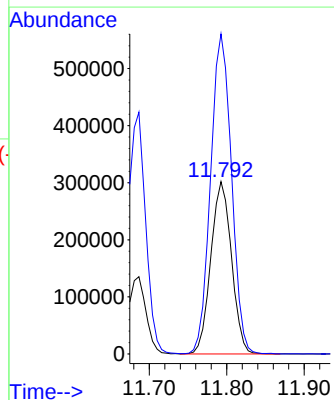
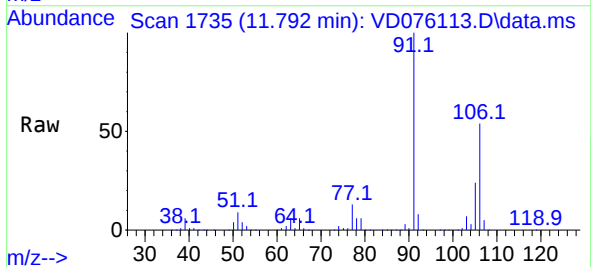
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

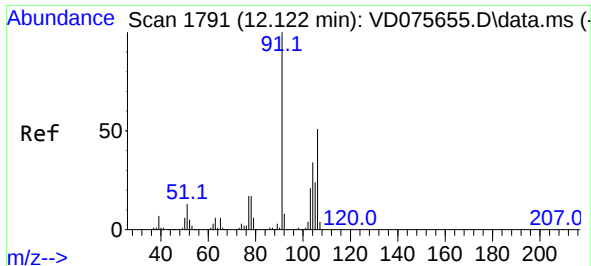
Tgt Ion: 91 Resp: 678506
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 100.566 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:106 Resp: 558713
Ion Ratio Lower Upper
106 100
91 188.0 161.5 242.3

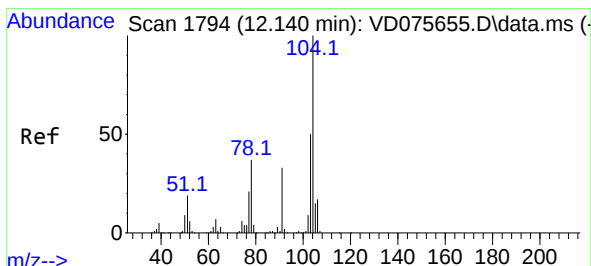
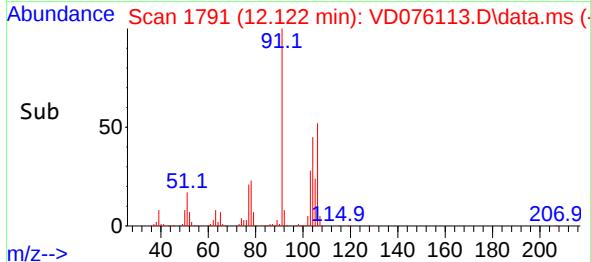
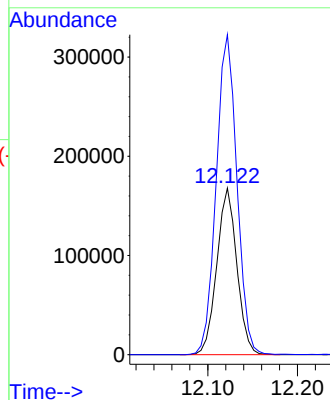
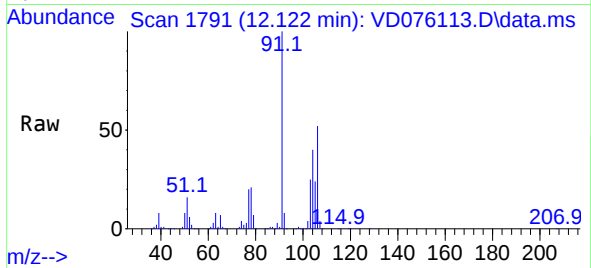




#69
o-Xylene
Concen: 51.447 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

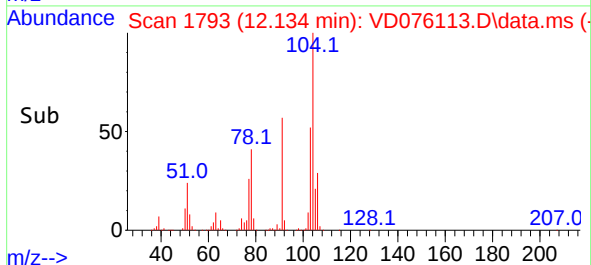
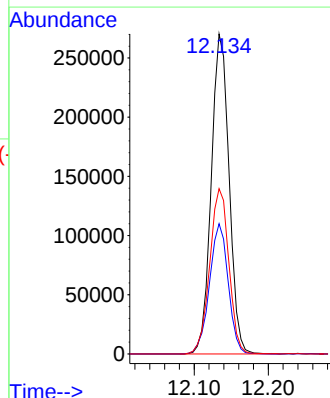
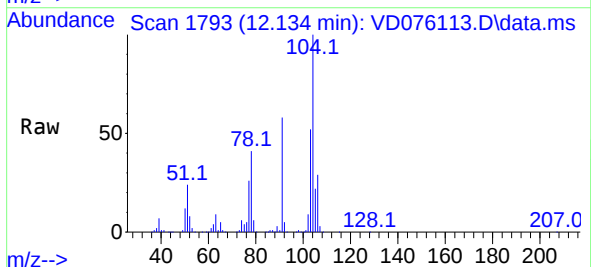
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

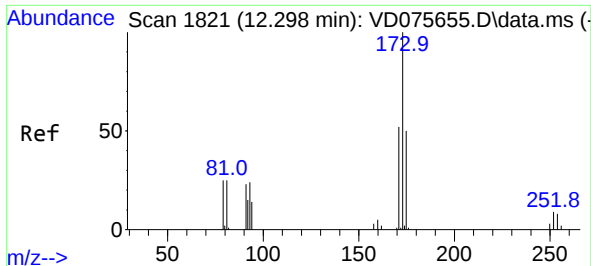
Tgt Ion:106 Resp: 260801
Ion Ratio Lower Upper
106 100
91 198.3 105.7 317.1



#70
Styrene
Concen: 51.471 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:104 Resp: 452380
Ion Ratio Lower Upper
104 100
78 42.8 40.2 60.4
103 55.4 44.2 66.2

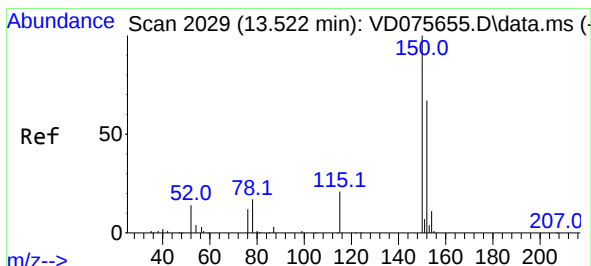
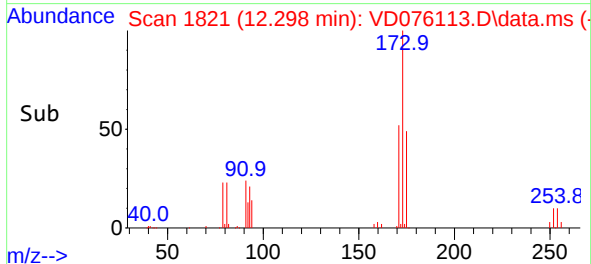
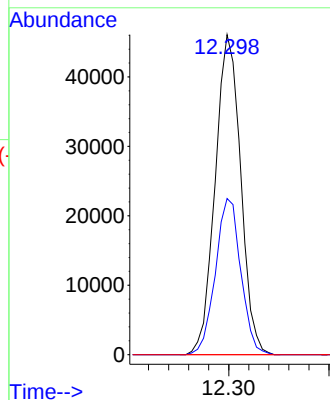
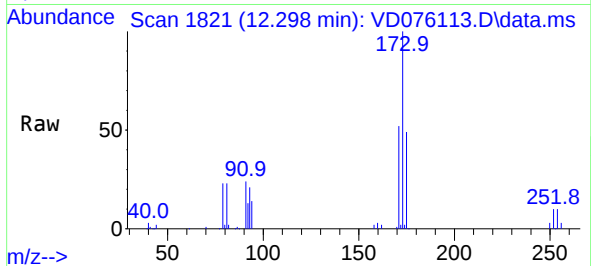




#71
Bromoform
Concen: 49.320 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

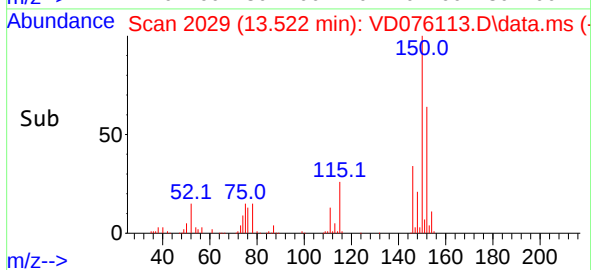
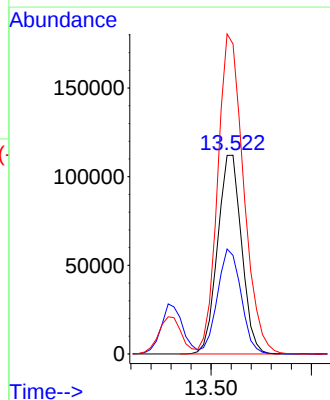
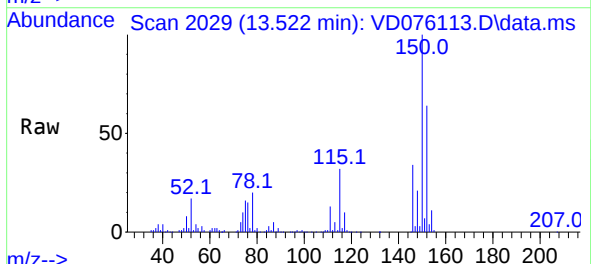
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

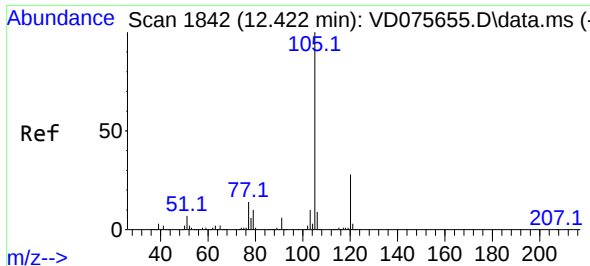
Tgt Ion:173 Resp: 81217
Ion Ratio Lower Upper
173 100
175 48.6 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:152 Resp: 186230
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 173.5 0.0 364.8

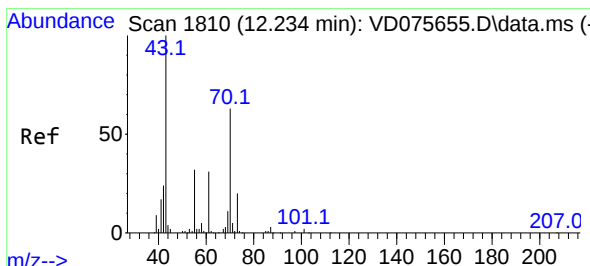
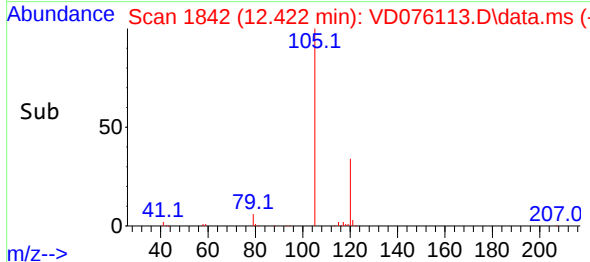
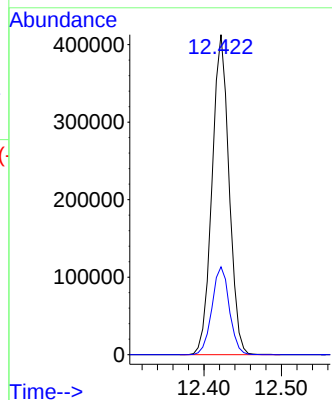
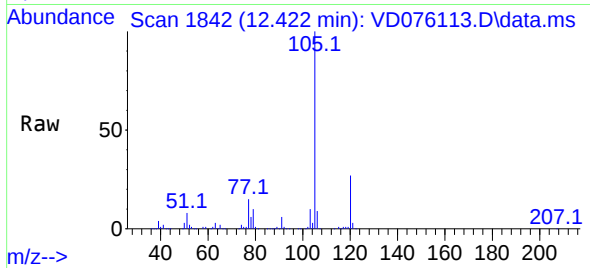




#73
Isopropylbenzene
Concen: 51.244 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

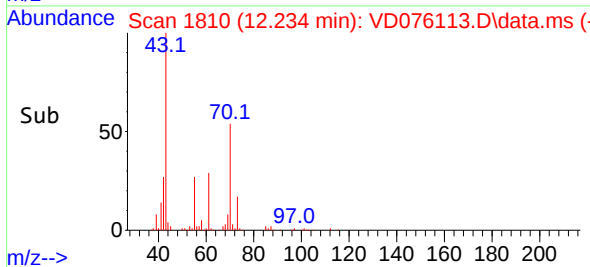
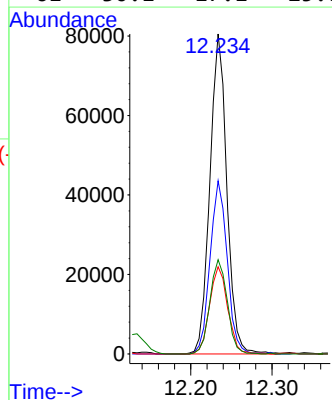
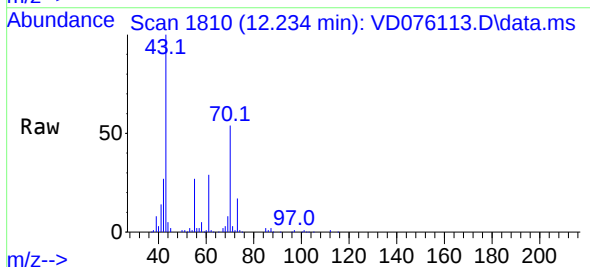
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

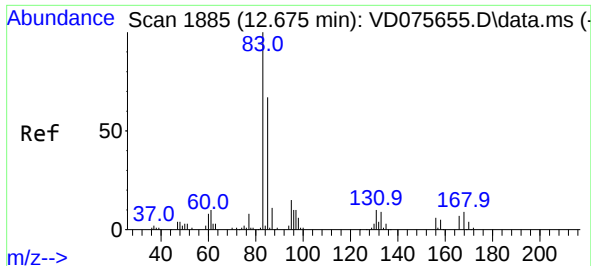
Tgt Ion:105 Resp: 631289
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 53.253 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 43 Resp: 116855
Ion Ratio Lower Upper
43 100
70 54.8 31.0 46.4#
55 29.2 18.6 28.0#
61 30.1 17.1 25.7#

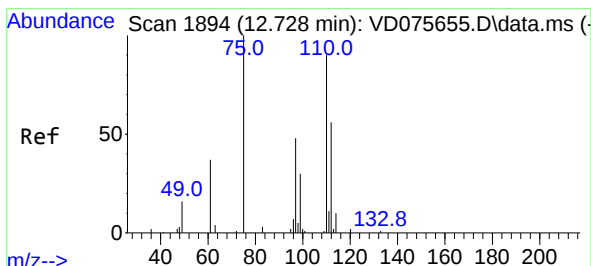
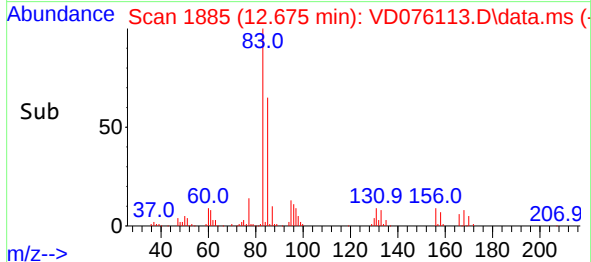
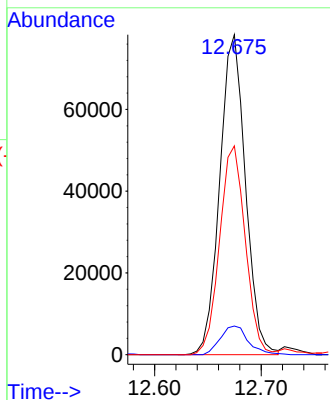
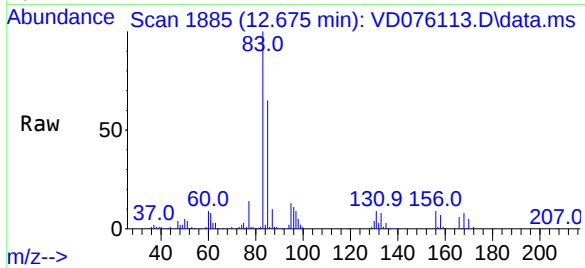




#75
1,1,2,2-Tetrachloroethane
Concen: 49.493 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

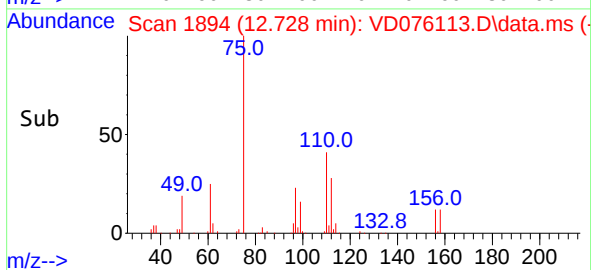
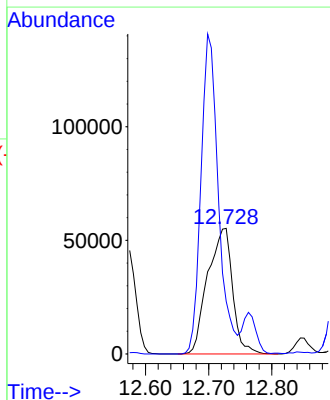
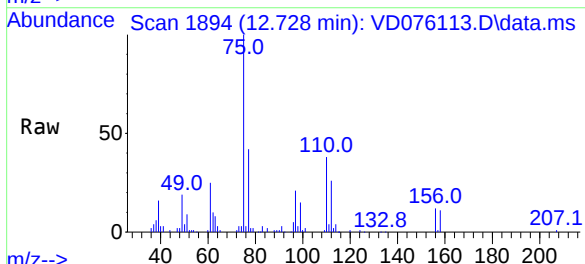
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

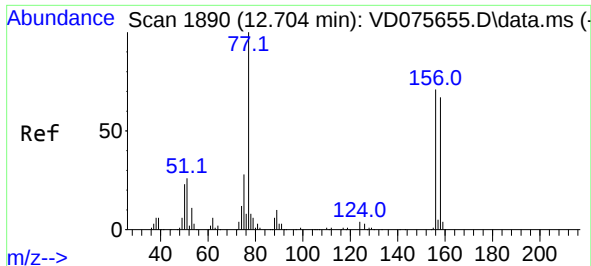
Tgt Ion: 83 Resp: 131044
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 65.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 92.795 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 75 Resp: 151225
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

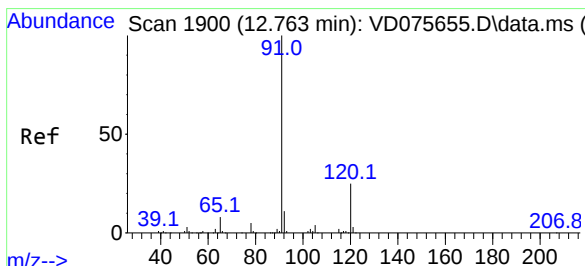
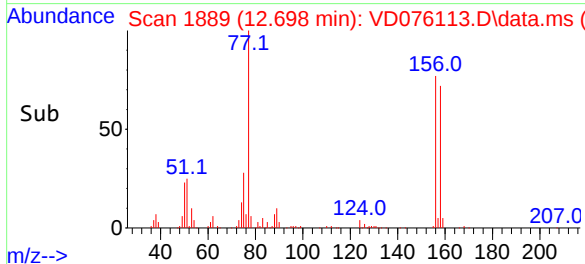
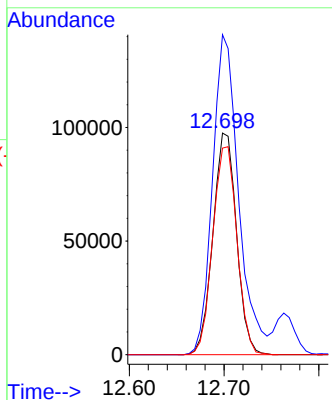
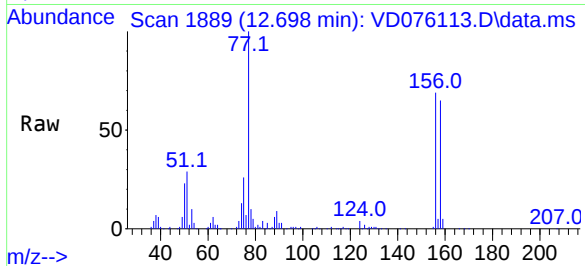




#77
Bromobenzene
Concen: 51.166 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

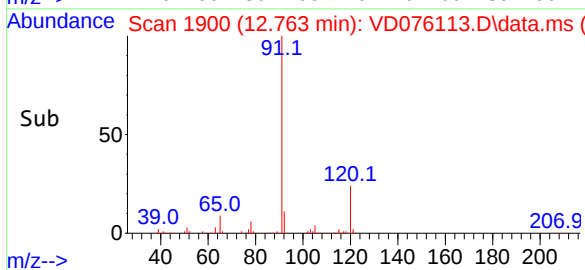
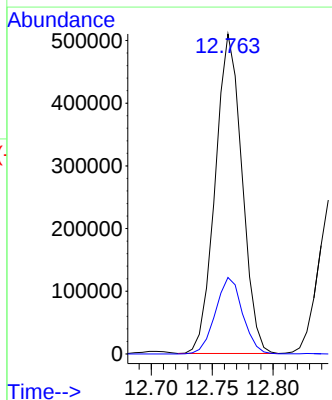
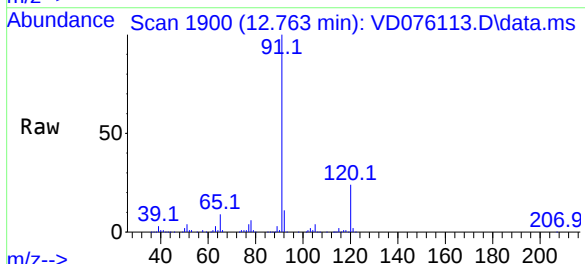
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

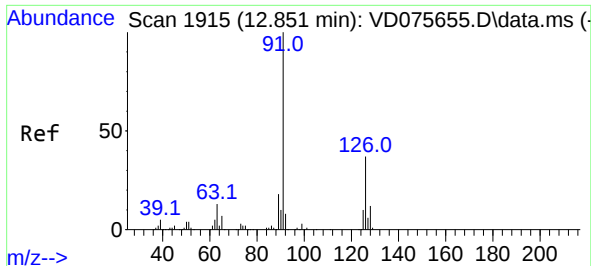
Tgt Ion:156 Resp: 168946
Ion Ratio Lower Upper
156 100
77 159.3 89.5 268.6
158 96.3 47.8 143.4



#78
n-propylbenzene
Concen: 50.831 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 91 Resp: 779443
Ion Ratio Lower Upper
91 100
120 24.3 11.4 34.2

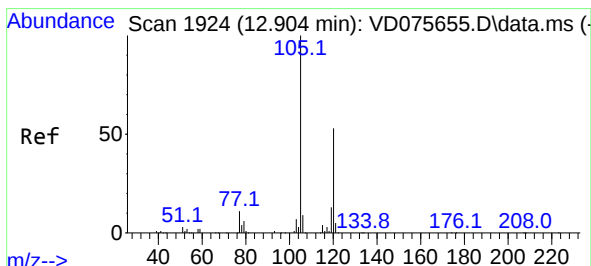
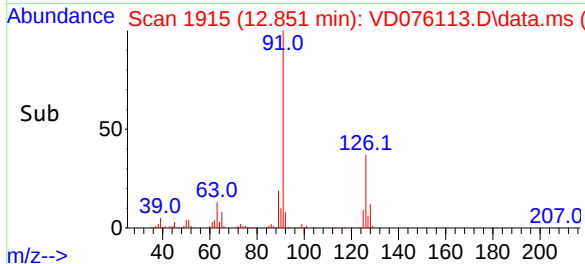
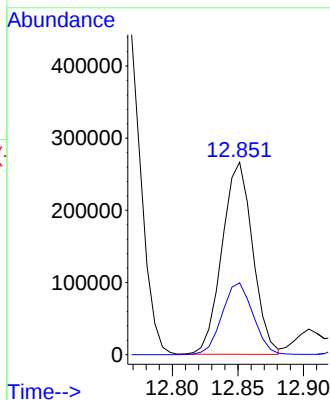
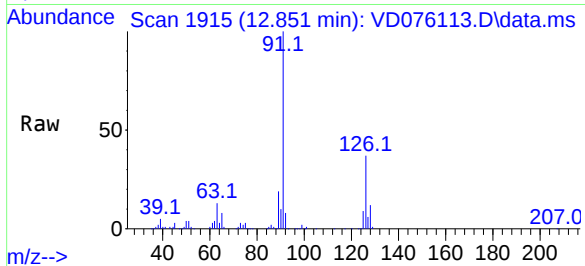




#79
2-Chlorotoluene
Concen: 51.069 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

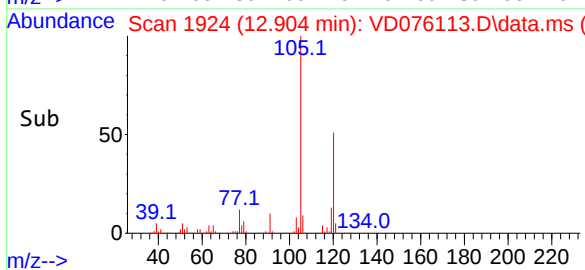
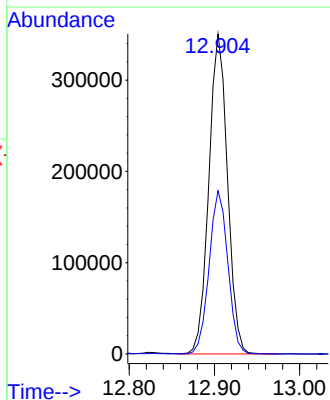
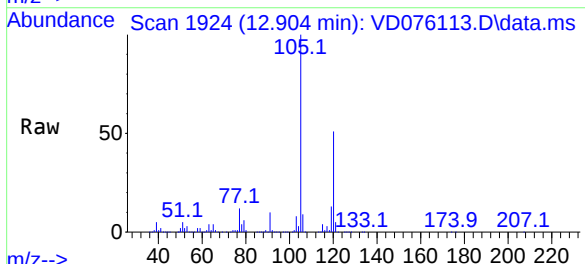
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

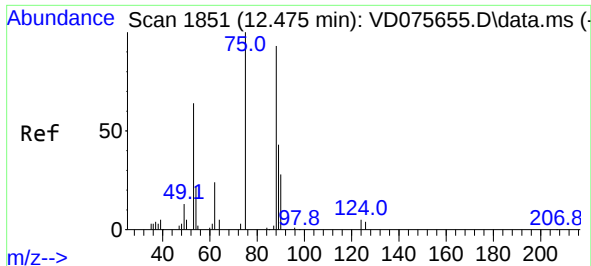
Tgt Ion: 91 Resp: 433411
Ion Ratio Lower Upper
91 100
126 37.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 52.118 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 105 Resp: 532258
Ion Ratio Lower Upper
105 100
120 51.2 24.3 72.8

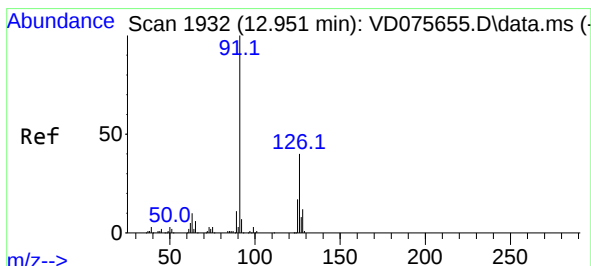
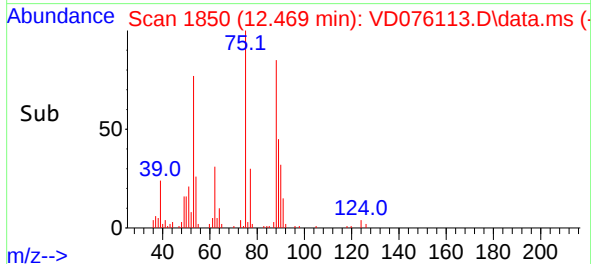
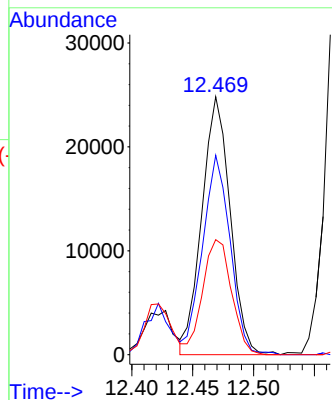
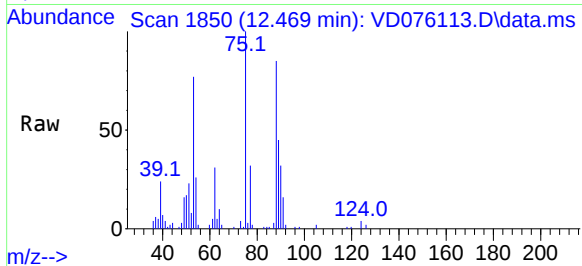




#81
trans-1,4-Dichloro-2-butene
Concen: 51.675 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

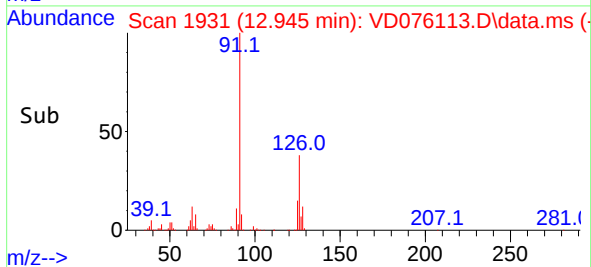
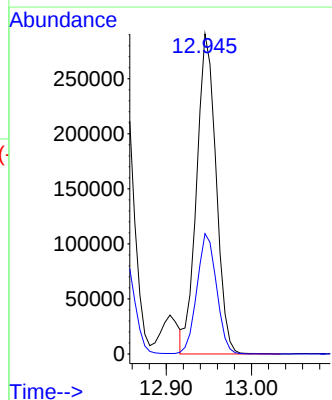
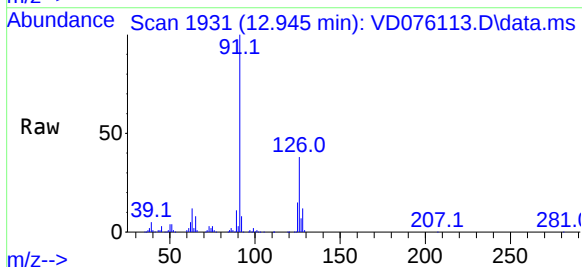
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

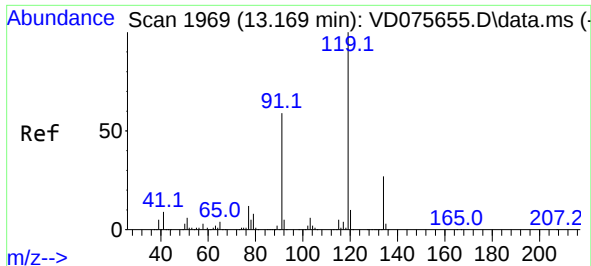
Tgt Ion: 75 Resp: 40143
Ion Ratio Lower Upper
75 100
53 75.8 90.5 135.7#
89 45.9 40.2 60.4



#82
4-Chlorotoluene
Concen: 51.039 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 91 Resp: 460734
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2

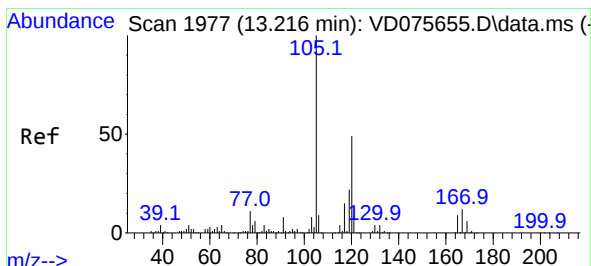
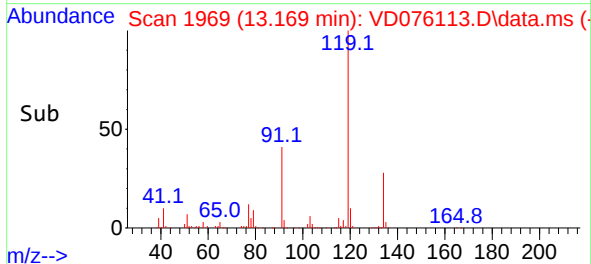
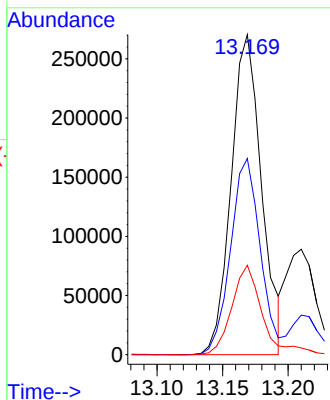
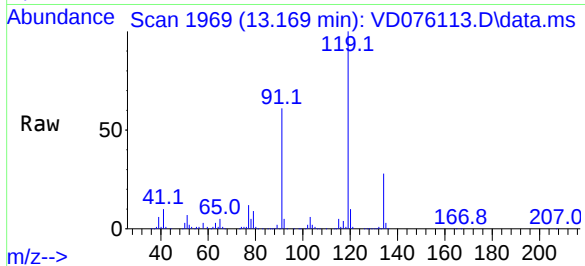




#83
tert-Butylbenzene
Concen: 50.582 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

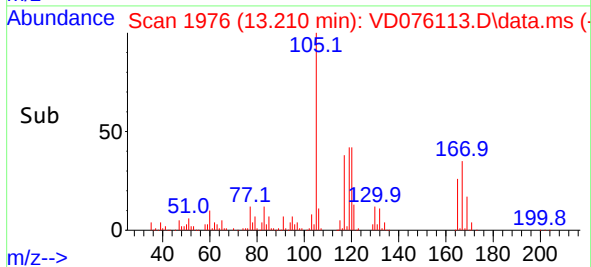
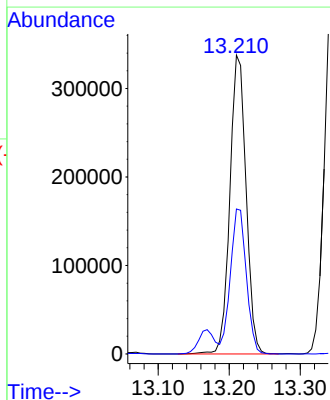
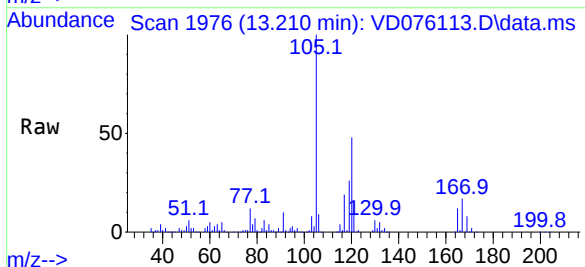
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

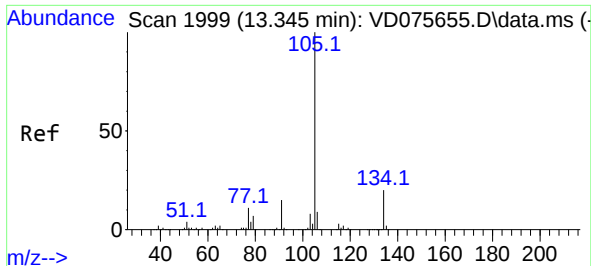
Tgt Ion:119 Resp: 436565
Ion Ratio Lower Upper
119 100
91 59.6 32.4 97.0
134 28.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.625 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:105 Resp: 535227
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.9

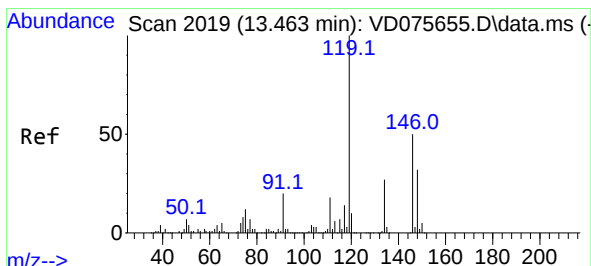
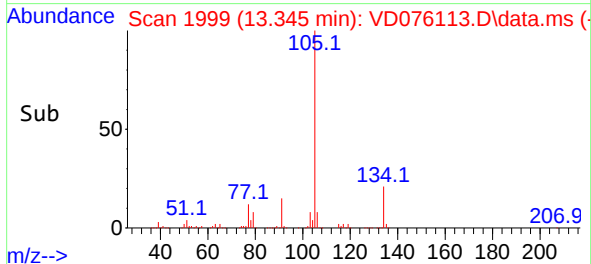
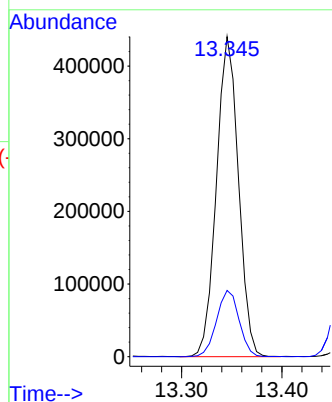
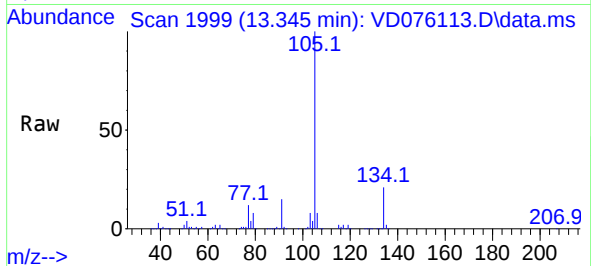




#85
 sec-Butylbenzene
 Concen: 49.798 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

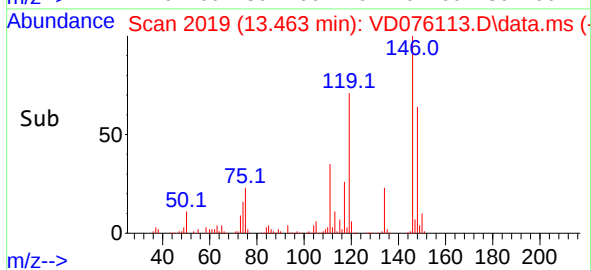
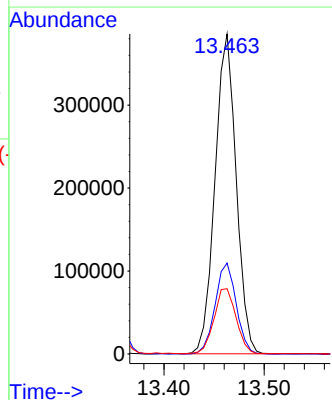
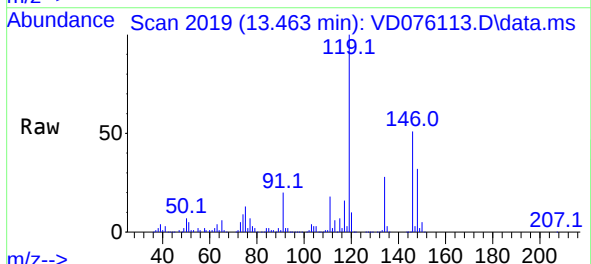
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

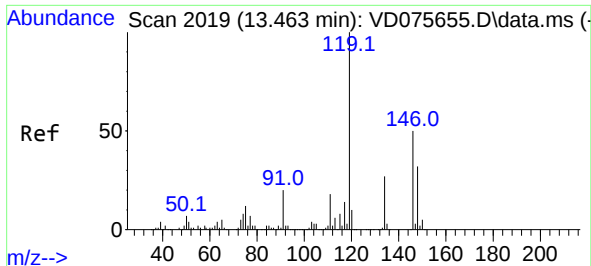
Tgt Ion:105 Resp: 669833
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 51.328 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076113.D
 Acq: 15 May 2023 13:20

Tgt Ion:119 Resp: 564921
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.1 39.3
 91 21.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.208 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

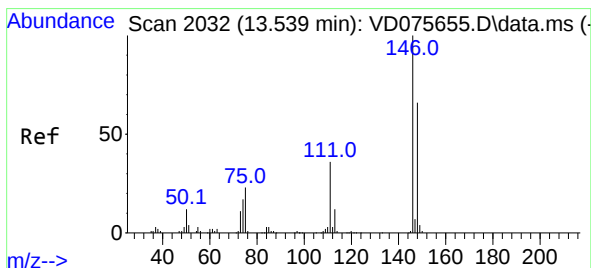
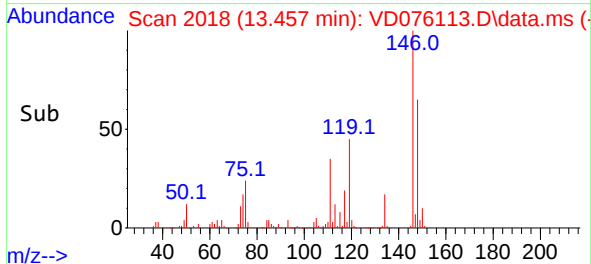
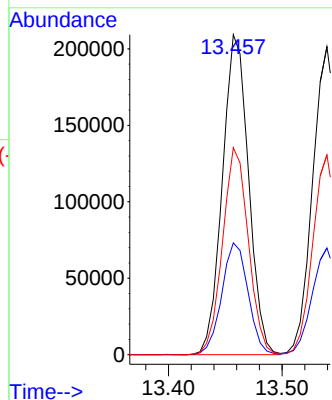
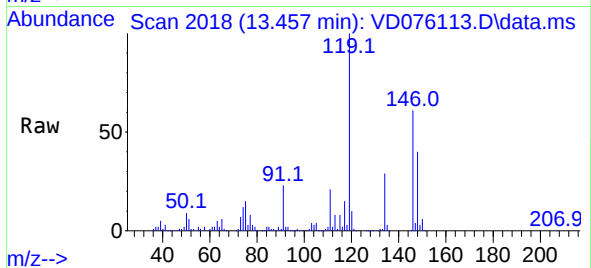
Tgt Ion:146 Resp: 335197

Ion Ratio Lower Upper

146 100

111 35.1 19.8 59.3

148 63.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 49.609 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

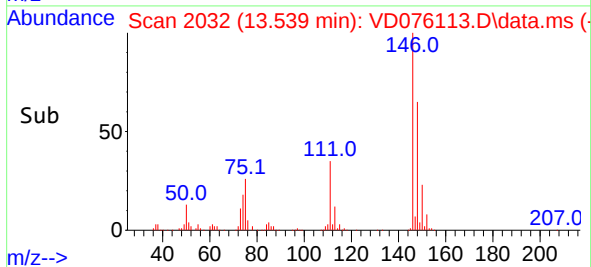
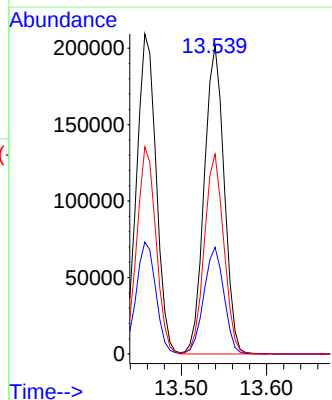
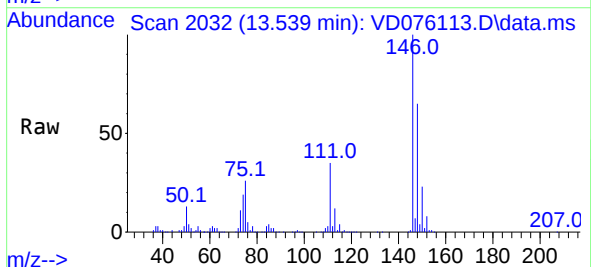
Tgt Ion:146 Resp: 327941

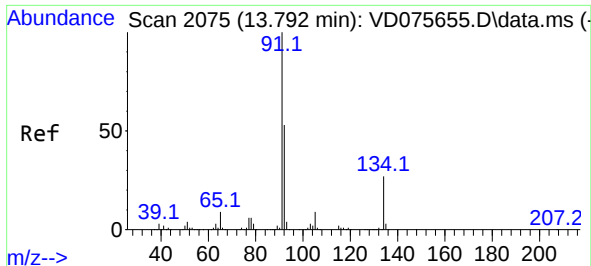
Ion Ratio Lower Upper

146 100

111 34.9 19.6 58.8

148 63.4 31.7 95.1

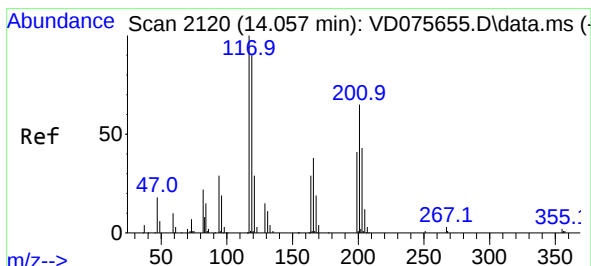
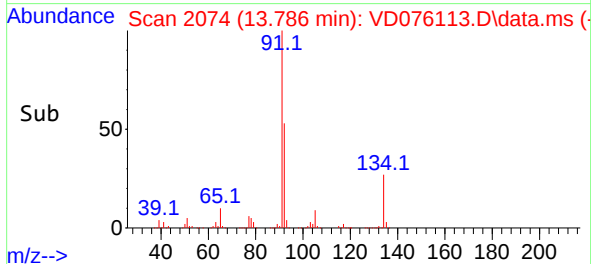
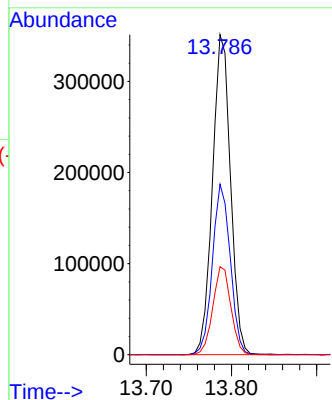
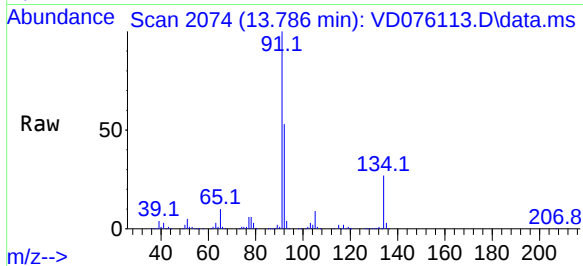




#89
n-Butylbenzene
Concen: 49.964 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

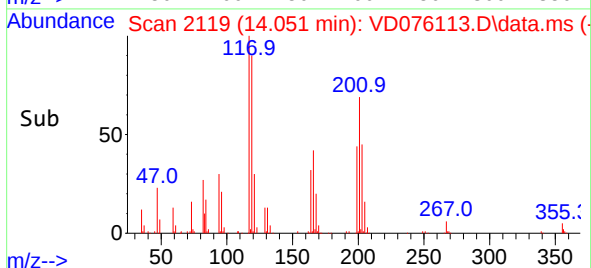
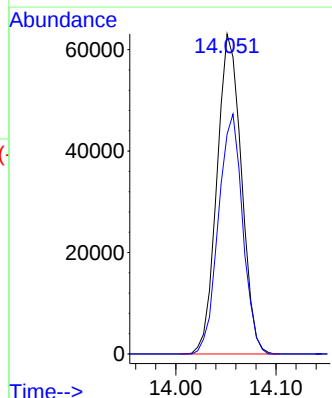
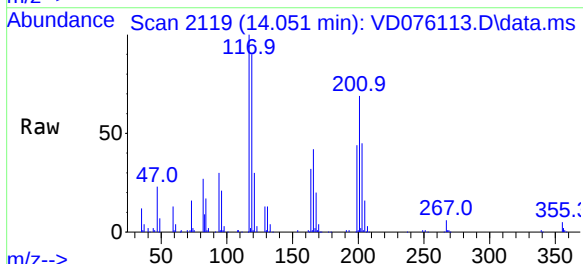
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

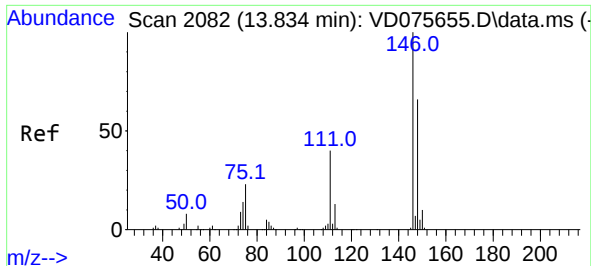
Tgt Ion: 91 Resp: 518222
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.4 12.7 38.0



#90
Hexachloroethane
Concen: 47.118 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion: 117 Resp: 106671
Ion Ratio Lower Upper
117 100
201 74.4 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 49.500 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

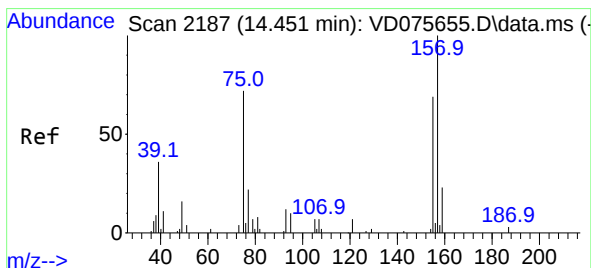
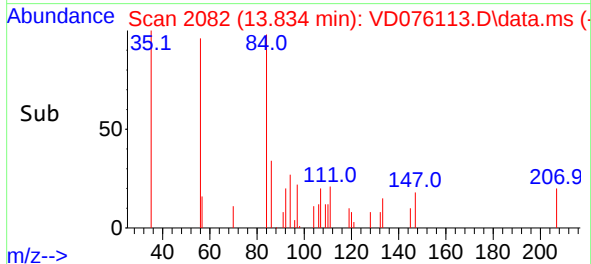
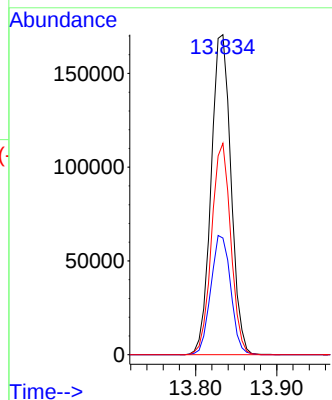
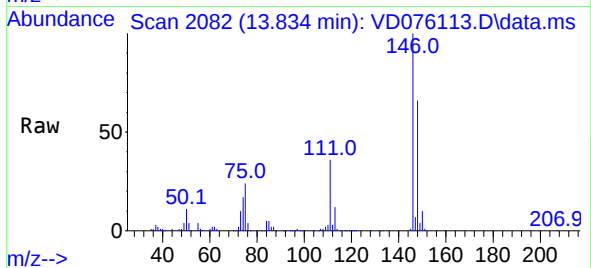
Tgt Ion:146 Resp: 290011

Ion Ratio Lower Upper

146 100

111 37.3 20.6 61.8

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.784 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076113.D

Acq: 15 May 2023 13:20

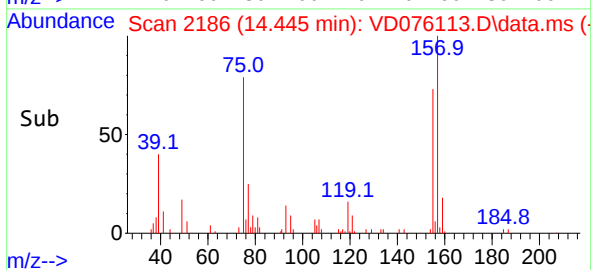
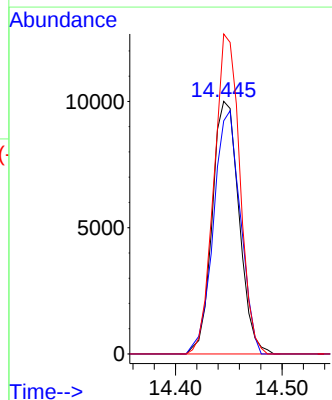
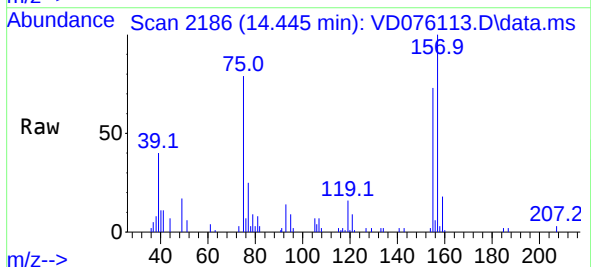
Tgt Ion: 75 Resp: 17459

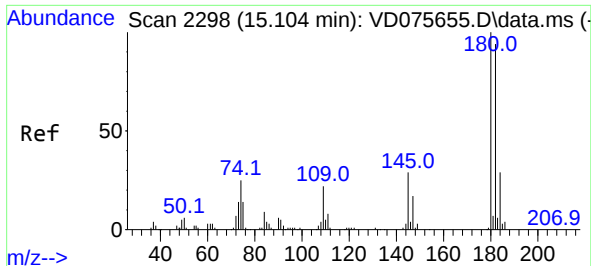
Ion Ratio Lower Upper

75 100

155 96.6 39.5 118.5

157 121.8 53.5 160.7

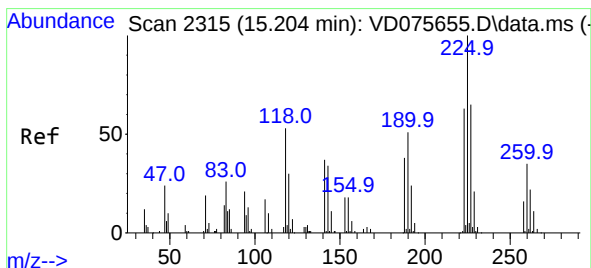
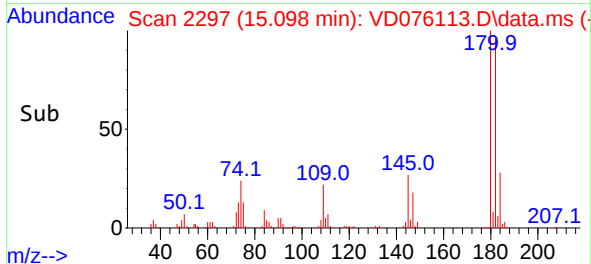
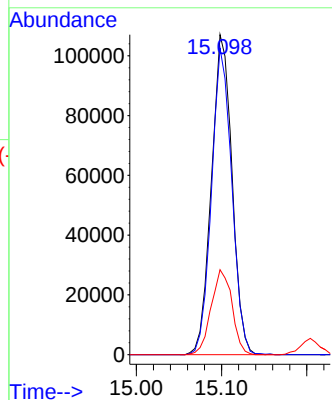
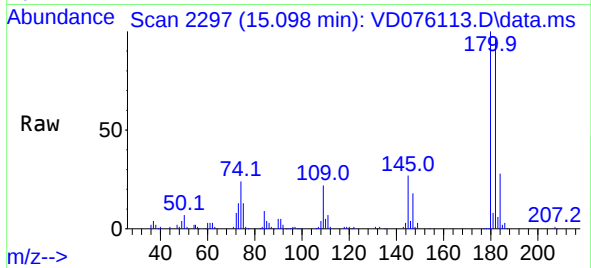




#93
1,2,4-Trichlorobenzene
Concen: 52.681 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

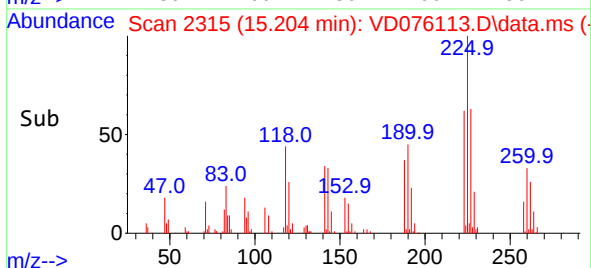
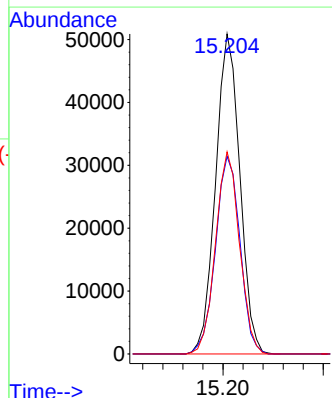
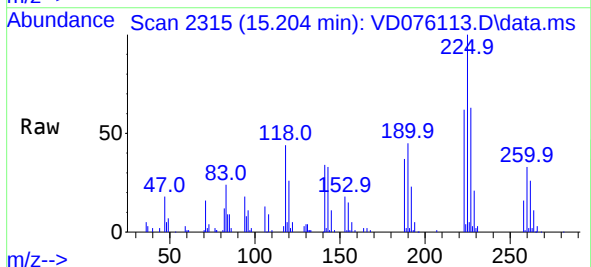
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

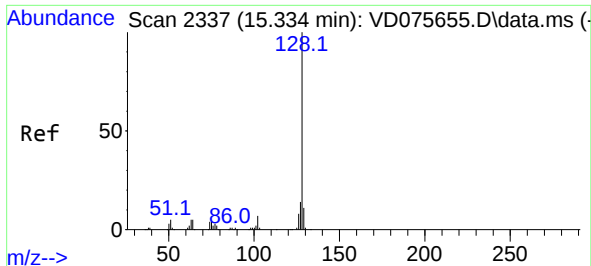
Tgt Ion:180 Resp: 179531
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 26.9 15.9 47.7



#94
Hexachlorobutadiene
Concen: 49.090 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:225 Resp: 85298
Ion Ratio Lower Upper
225 100
223 62.3 33.1 99.2
227 62.4 31.9 95.9

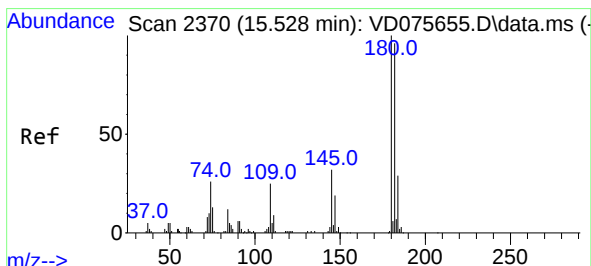
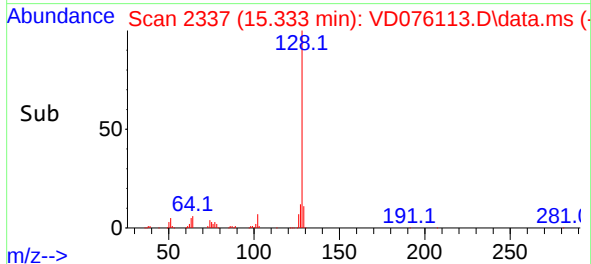
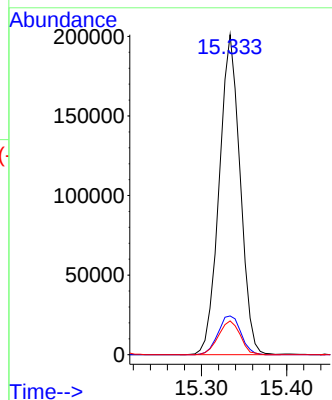
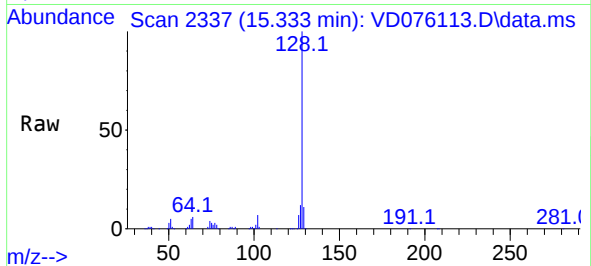




#95
Naphthalene
Concen: 54.100 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 342571
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.387 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076113.D
Acq: 15 May 2023 13:20

Tgt Ion:180 Resp: 165466
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 29.1 16.4 49.4

