

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076185.D
 Acq On : 22 May 2023 19:52
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:26:22 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	186607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	161940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88762	49.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.805	113	100932	45.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.269	98	392397	45.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.575	95	112822	46.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	68330	40.601	ug/l	94
3) Chloromethane	2.146	50	146942	53.471	ug/l	99
4) Vinyl Chloride	2.275	62	181116	49.899	ug/l	99
5) Bromomethane	2.681	94	110402	45.179	ug/l	95
6) Chloroethane	2.828	64	121784	49.873	ug/l	96
7) Trichlorofluoromethane	3.170	101	132396	43.035	ug/l	97
8) Diethyl Ether	3.587	74	48844	48.278	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	89422	44.127	ug/l	93
10) Methyl Iodide	4.158	142	107848	51.185	ug/l	91
11) Tert butyl alcohol	5.064	59	24797	259.920	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	86121	42.701	ug/l	91
13) Acrolein	3.799	56	44771	191.747	ug/l	100
14) Allyl chloride	4.558	41	95120	46.471	ug/l #	80
15) Acrylonitrile	5.258	53	108552	259.135	ug/l	98
16) Acetone	4.017	43	75582	210.634	ug/l #	75
17) Carbon Disulfide	4.264	76	247683	45.099	ug/l	96
18) Methyl Acetate	4.564	43	65459	51.139	ug/l #	79
19) Methyl tert-butyl Ether	5.311	73	202019	51.176	ug/l	100
20) Methylene Chloride	4.793	84	169708	62.762	ug/l #	78
21) trans-1,2-Dichloroethene	5.305	96	106993	46.030	ug/l #	75
22) Diisopropyl ether	6.216	45	250218	52.666	ug/l #	90
23) Vinyl Acetate	6.158	43	587086	314.272	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	183806	49.055	ug/l	98
25) 2-Butanone	7.087	43	113734	252.080	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	140540	45.999	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	126189	48.921	ug/l	84
28) Bromochloromethane	7.428	49	61102	48.906	ug/l #	67
29) Tetrahydrofuran	7.440	42	70265	267.192	ug/l #	68
30) Chloroform	7.593	83	196252	48.978	ug/l	99
31) Cyclohexane	7.881	56	120232	43.529	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	147679	46.247	ug/l	96
36) 1,1-Dichloropropene	8.005	75	133549	44.228	ug/l	97
37) Ethyl Acetate	7.169	43	51843	49.581	ug/l #	82
38) Carbon Tetrachloride	7.987	117	115849	42.475	ug/l	97
39) Methylcyclohexane	9.275	83	144451	41.551	ug/l	93
40) Benzene	8.252	78	441582	45.487	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23394	40.804	ug/l #	62
42) 1,2-Dichloroethane	8.322	62	108380	47.200	ug/l	92
43) Isopropyl Acetate	8.363	43	90778	46.476	ug/l #	82
44) Trichloroethene	9.028	130	113682	41.552	ug/l	93
45) 1,2-Dichloropropane	9.304	63	110882	46.306	ug/l	96
46) Dibromomethane	9.393	93	60972	45.426	ug/l	94
47) Bromodichloromethane	9.581	83	147571	45.747	ug/l	94
48) Methyl methacrylate	9.381	41	39749	45.981	ug/l #	59
49) 1,4-Dioxane	9.387	88	14163	986.757	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	253916	244.426	ug/l #	82
52) Toluene	10.334	92	281303	46.395	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	136159	46.833	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	167560	47.225	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	90390	46.961	ug/l	96
56) Ethyl methacrylate	10.599	69	94761	48.981	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	143986	47.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	232457	250.421	ug/l	94
59) 2-Hexanone	10.922	43	171868	234.598	ug/l	76
60) Dibromochloromethane	11.075	129	101534	46.915	ug/l	99
61) 1,2-Dibromoethane	11.181	107	80588	47.067	ug/l	96
64) Tetrachloroethene	10.810	164	89976	38.348	ug/l	94
65) Chlorobenzene	11.610	112	306118	44.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	105543	44.151	ug/l	95
67) Ethyl Benzene	11.687	91	510302	45.975	ug/l	96
68) m/p-Xylenes	11.793	106	423603	93.378	ug/l	90
69) o-Xylene	12.122	106	194343	46.950	ug/l	92
70) Styrene	12.134	104	348815	48.604	ug/l	94
71) Bromoform	12.298	173	59556	44.292	ug/l #	98
73) Isopropylbenzene	12.422	105	481998	44.994	ug/l	98
74) N-amyl acetate	12.234	43	85015	44.554	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	105625	45.876	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	118593	83.686	ug/l #	100
77) Bromobenzene	12.704	156	121272	42.236	ug/l	94
78) n-propylbenzene	12.763	91	610102	45.755	ug/l	98
79) 2-Chlorotoluene	12.851	91	327903	44.433	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	400153	45.059	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	29706	43.976	ug/l #	73
82) 4-Chlorotoluene	12.945	91	351593	44.791	ug/l	94
83) tert-Butylbenzene	13.169	119	335992	44.768	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	407653	46.093	ug/l	95
85) sec-Butylbenzene	13.345	105	523963	44.796	ug/l	99
86) p-Isopropyltoluene	13.463	119	438719	45.840	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	258322	44.497	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	250397	43.560	ug/l	97
89) n-Butylbenzene	13.787	91	397802	44.106	ug/l	98
90) Hexachloroethane	14.057	117	83236	42.281	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	224999	44.164	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13368	44.717	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	116794	39.412	ug/l	96
94) Hexachlorobutadiene	15.204	225	53382	35.330	ug/l	97
95) Naphthalene	15.334	128	239455	43.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	105292	39.068	ug/l	98

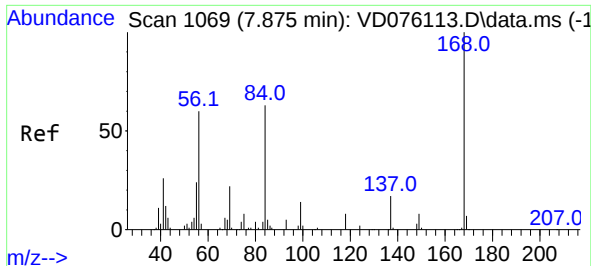
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Response via : Initial Calibration

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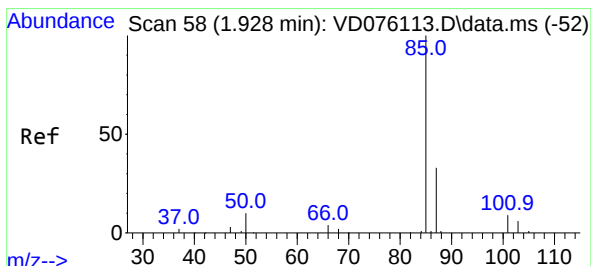
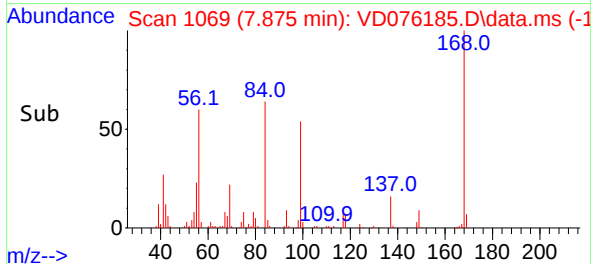
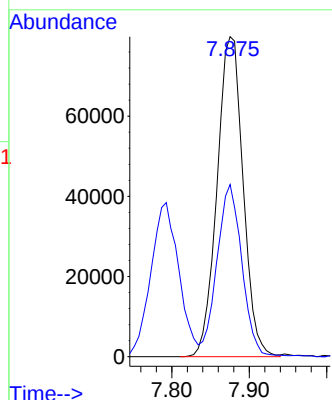
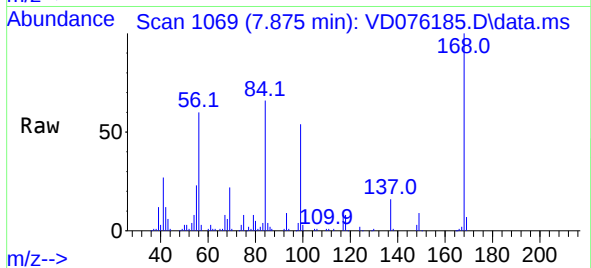
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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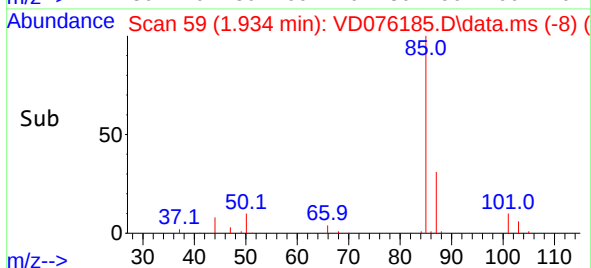
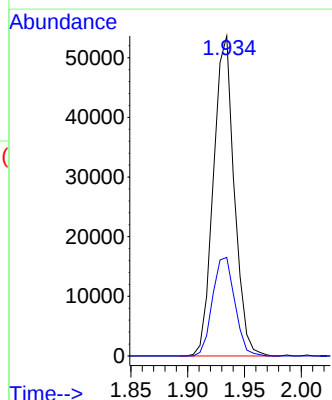
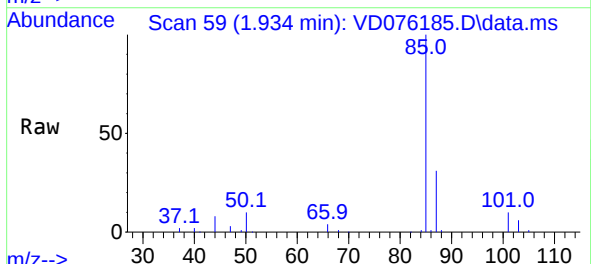
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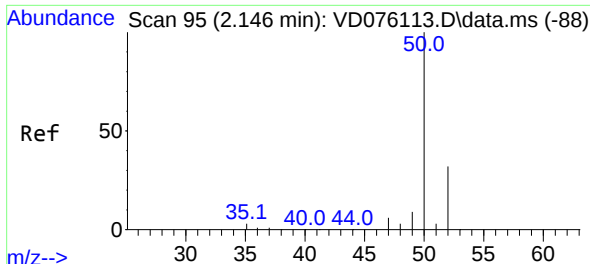
Tgt Ion:168 Resp: 186607
Ion Ratio Lower Upper
168 100
99 53.3 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 40.601 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 85 Resp: 68330
Ion Ratio Lower Upper
85 100
87 30.8 17.3 51.7

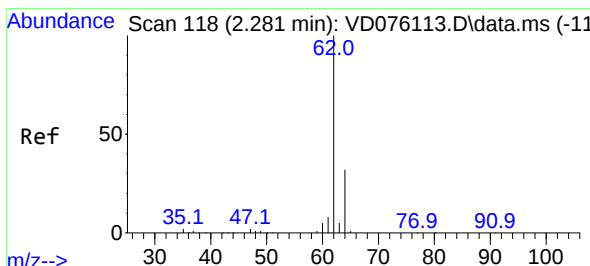
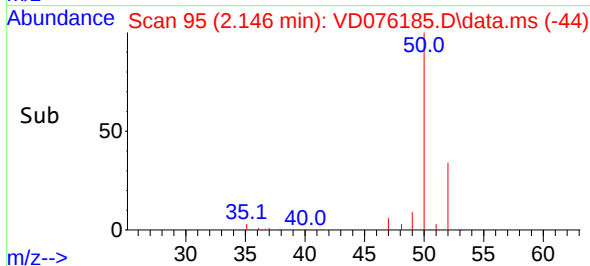
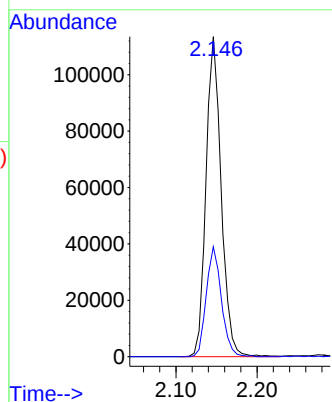
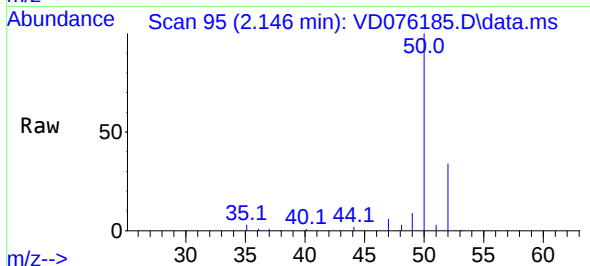




#3
Chloromethane
Concen: 53.471 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

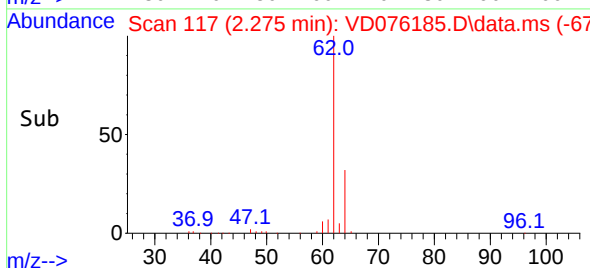
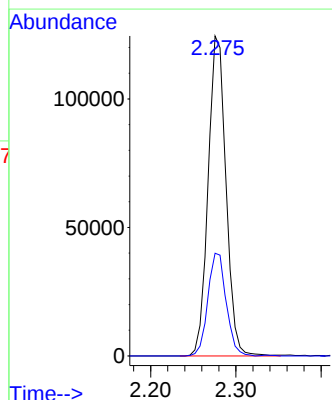
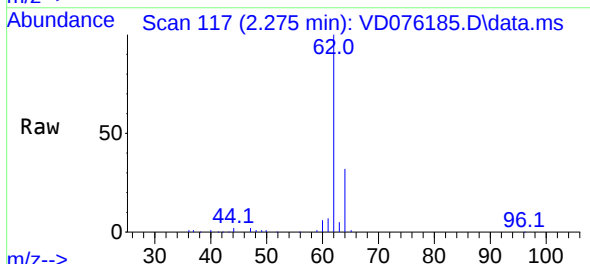
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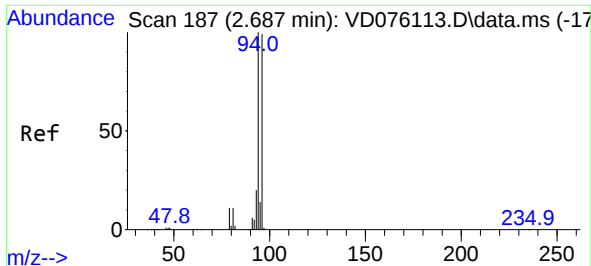
Tgt Ion: 50 Resp: 146942
Ion Ratio Lower Upper
50 100
52 34.4 27.8 41.8



#4
Vinyl Chloride
Concen: 49.899 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 62 Resp: 181116
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

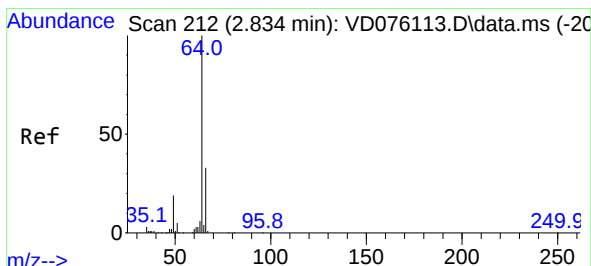
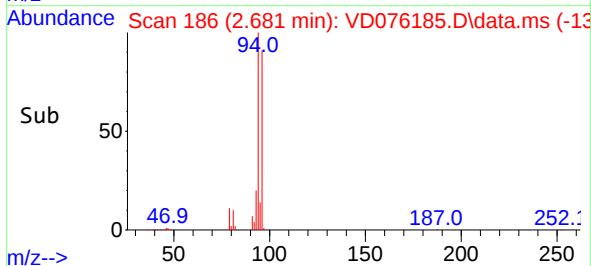
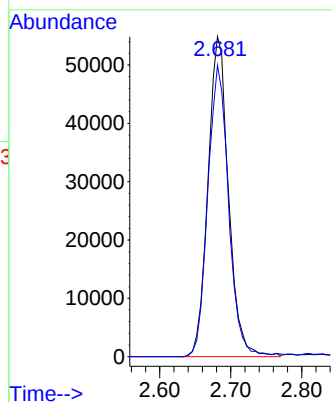
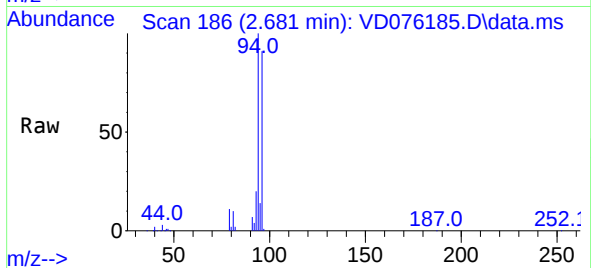




#5
Bromomethane
Concen: 45.179 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

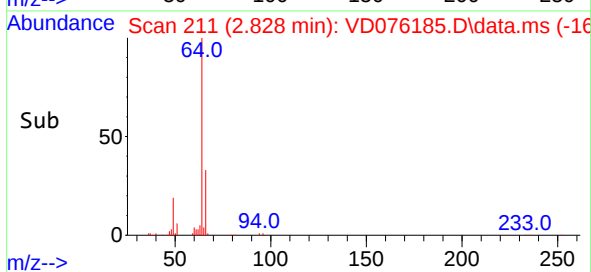
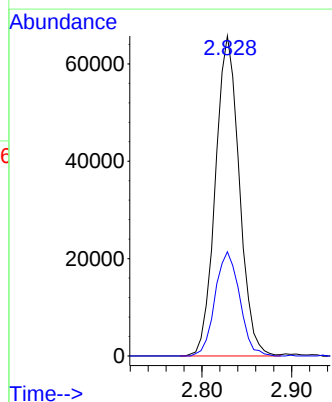
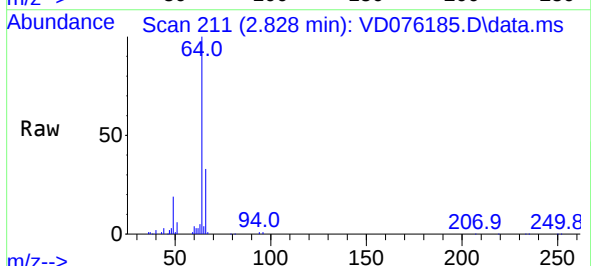
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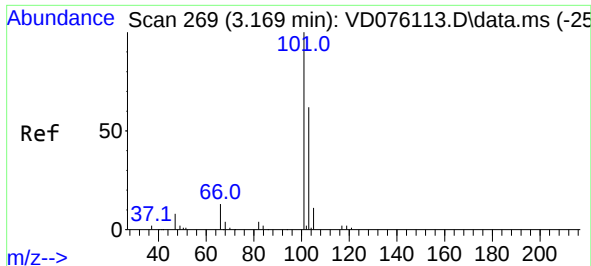
Tgt Ion: 94 Resp: 110402
Ion Ratio Lower Upper
94 100
96 91.8 77.5 116.3



#6
Chloroethane
Concen: 49.873 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 64 Resp: 121784
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

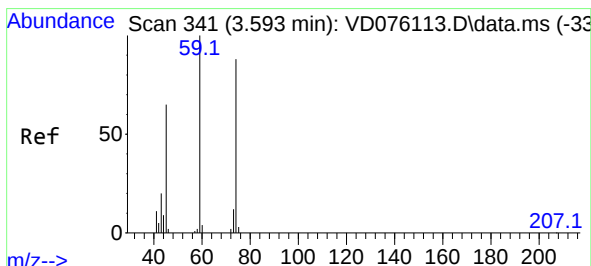
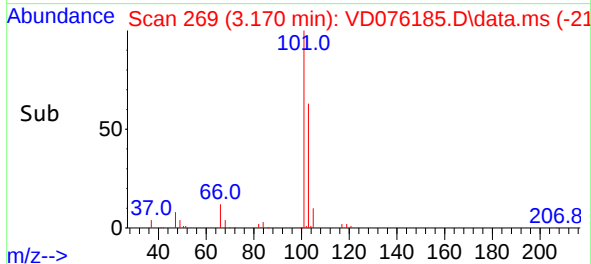
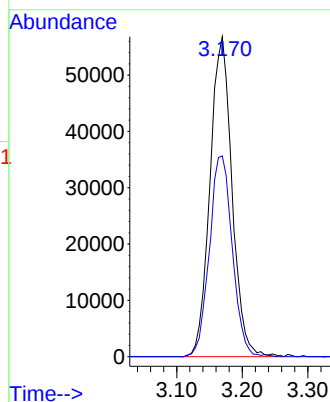
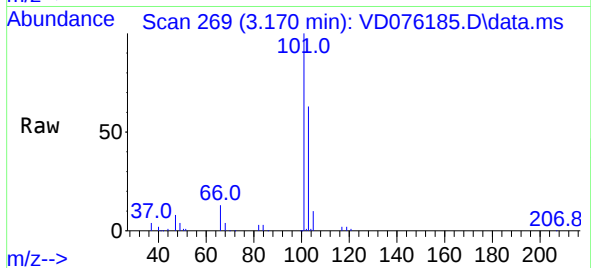




#7
Trichlorofluoromethane
Concen: 43.035 ug/l
RT: 3.170 min Scan# 206
Delta R.T. 0.001 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

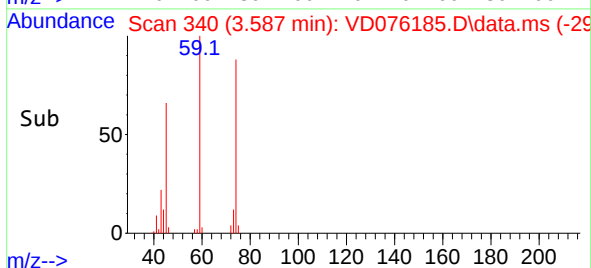
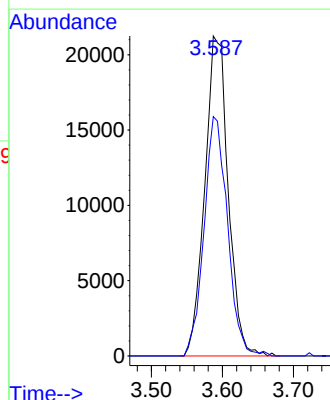
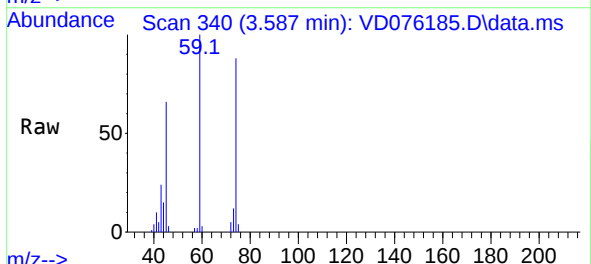
Instrument :
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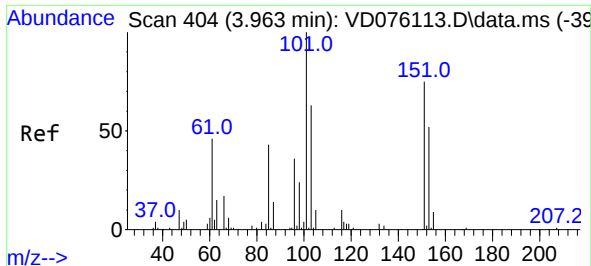
Tgt Ion:101 Resp: 132396
Ion Ratio Lower Upper
101 100
103 62.7 51.9 77.9



#8
Diethyl Ether
Concen: 48.278 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 74 Resp: 48844
Ion Ratio Lower Upper
74 100
45 75.1 50.9 152.7

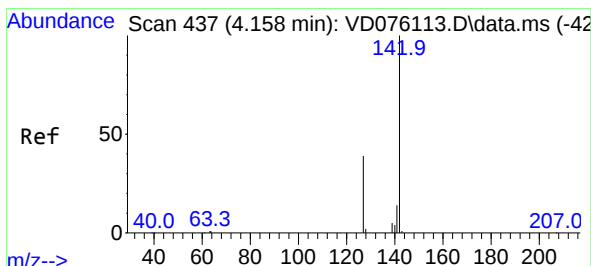
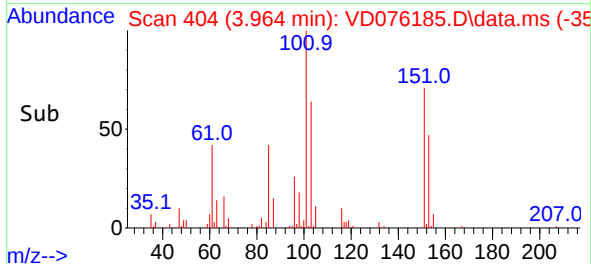
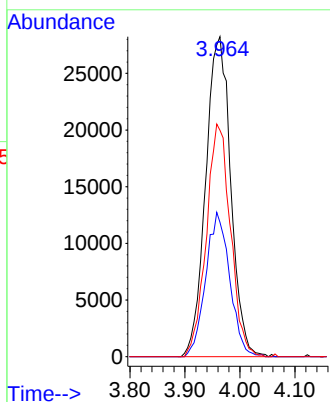
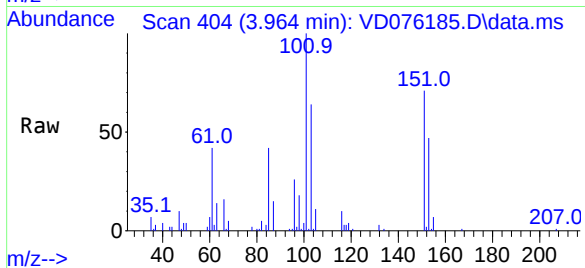




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.127 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076185.D
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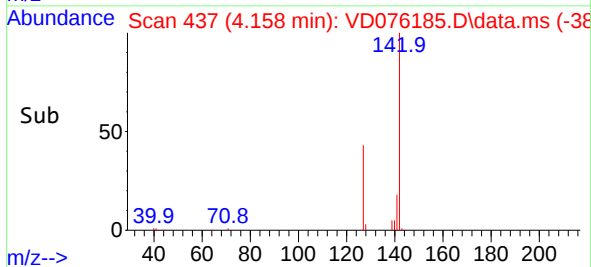
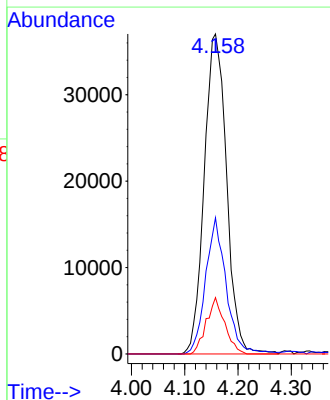
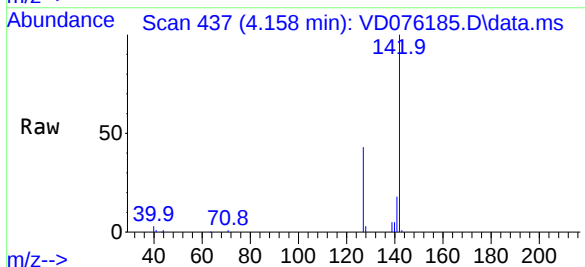
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

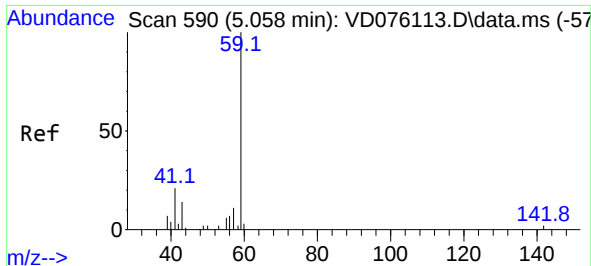
Tgt Ion:101 Resp: 89422
Ion Ratio Lower Upper
101 100
85 43.2 38.3 57.5
151 70.1 60.4 90.6



#10
Methyl Iodide
Concen: 51.185 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:142 Resp: 107848
Ion Ratio Lower Upper
142 100
127 39.2 37.1 55.7
141 14.6 11.3 16.9

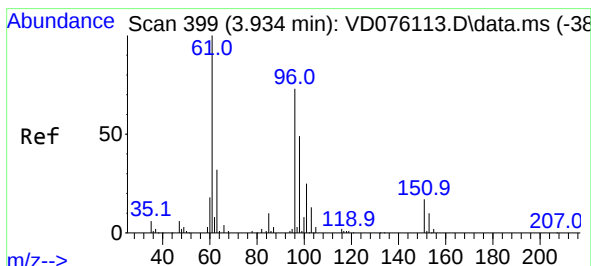
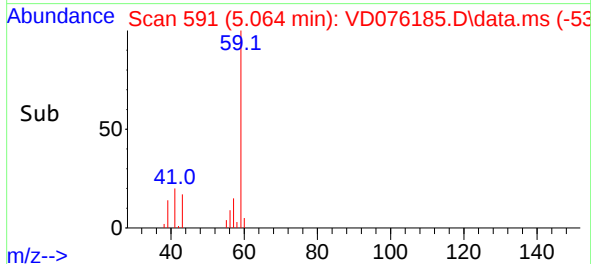
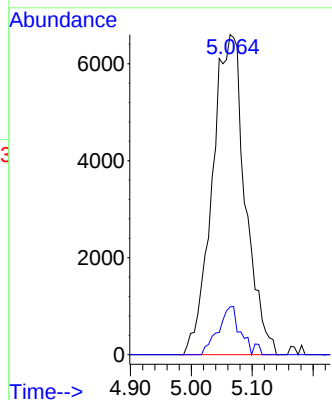
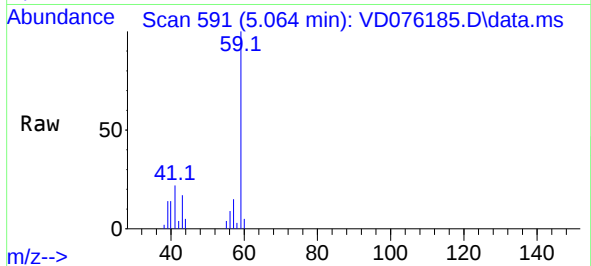




#11
Tert butyl alcohol
Concen: 259.920 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

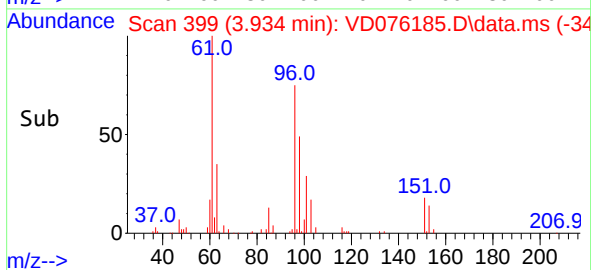
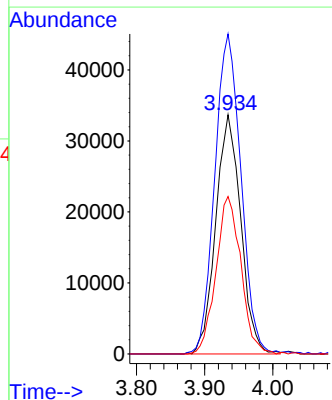
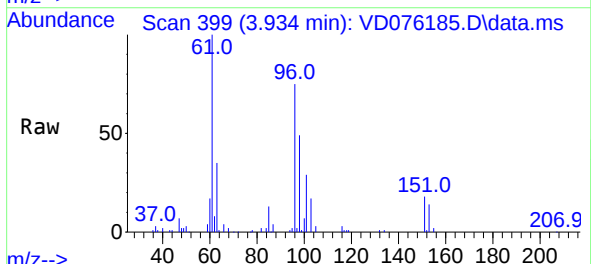
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

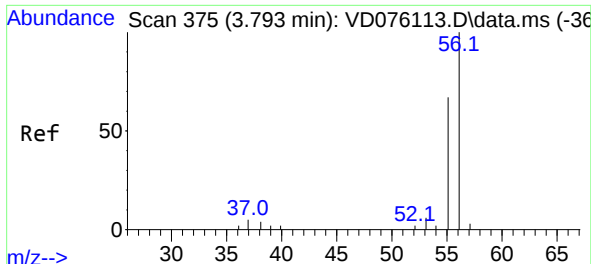
Tgt Ion: 59 Resp: 24797
Ion Ratio Lower Upper
59 100
57 9.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 42.701 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 96 Resp: 86121
Ion Ratio Lower Upper
96 100
61 133.8 118.6 177.8
98 65.8 49.7 74.5

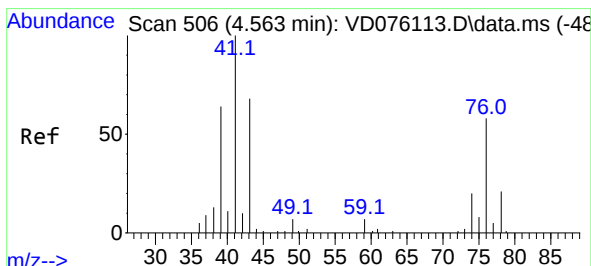
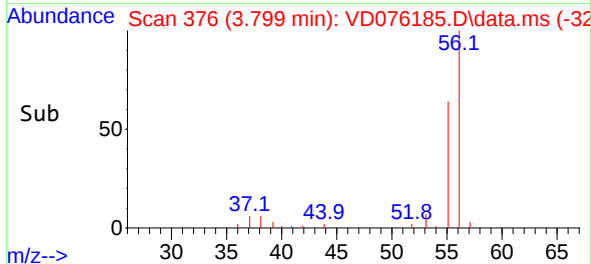
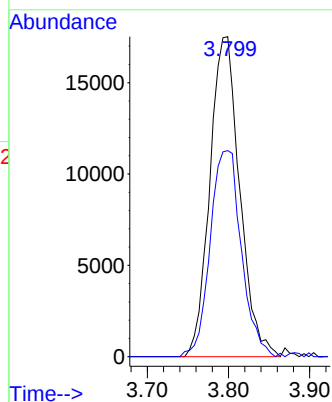
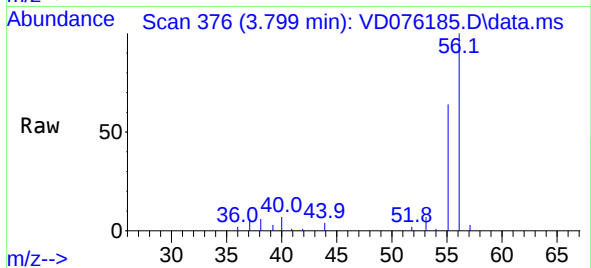




#13
Acrolein
Concen: 191.747 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

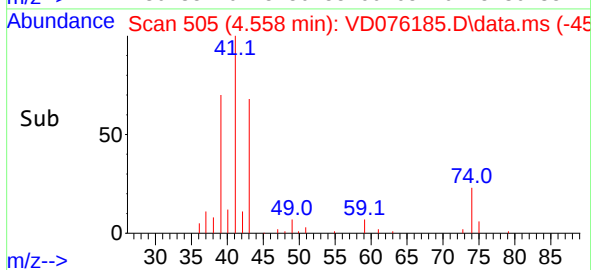
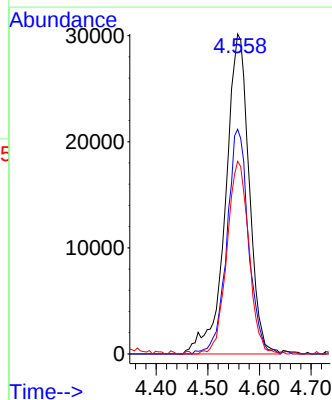
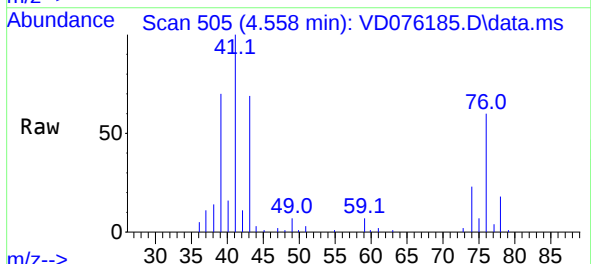
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

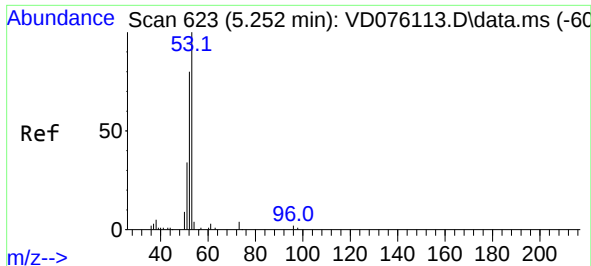
Tgt Ion: 56 Resp: 44771
Ion Ratio Lower Upper
56 100
55 67.0 53.9 80.9



#14
Allyl chloride
Concen: 46.471 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 41 Resp: 95120
Ion Ratio Lower Upper
41 100
39 64.8 60.6 90.8
76 56.3 28.6 43.0#

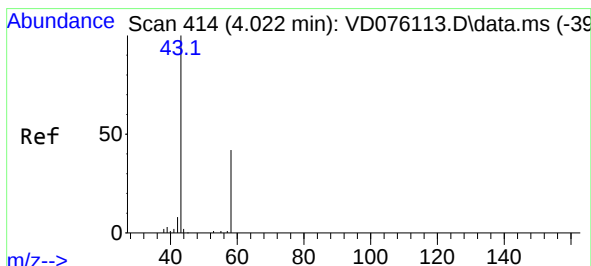
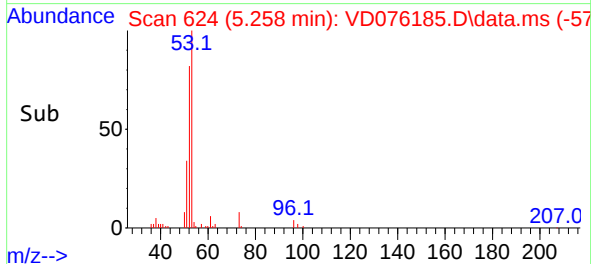
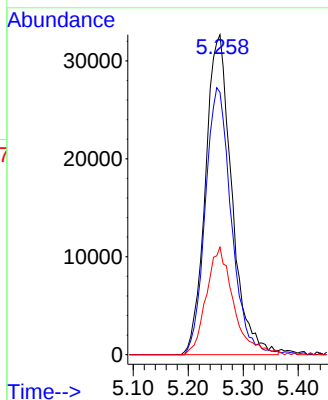
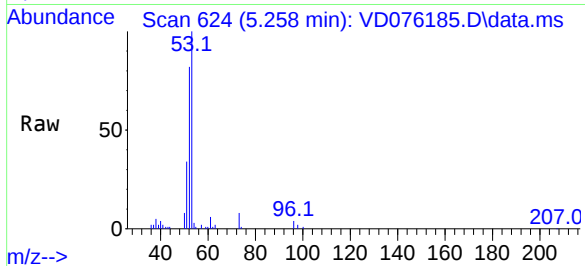




#15
Acrylonitrile
Concen: 259.135 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

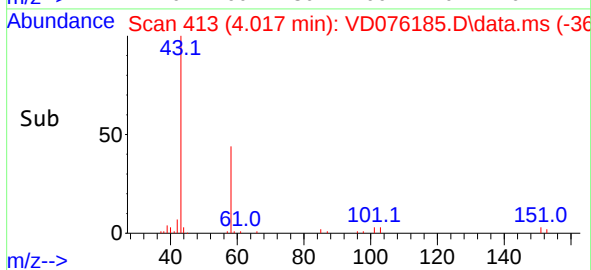
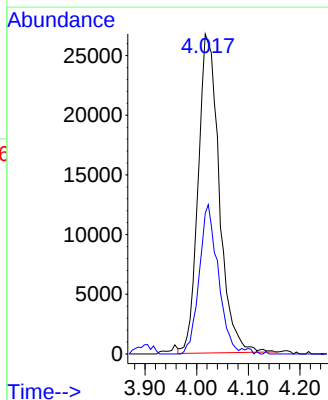
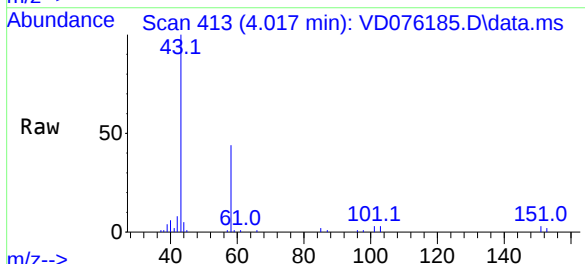
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

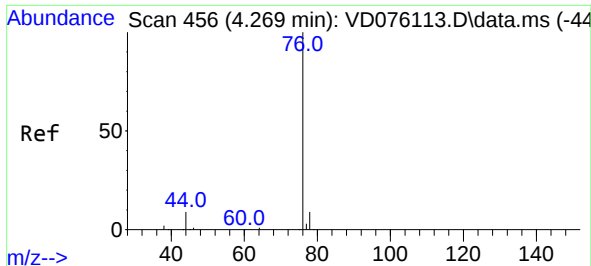
Tgt Ion: 53 Resp: 108552
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.4
51 34.8 30.7 46.1



#16
Acetone
Concen: 210.634 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 43 Resp: 75582
Ion Ratio Lower Upper
43 100
58 44.2 24.4 36.6#

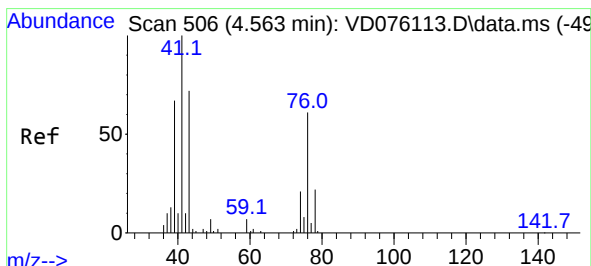
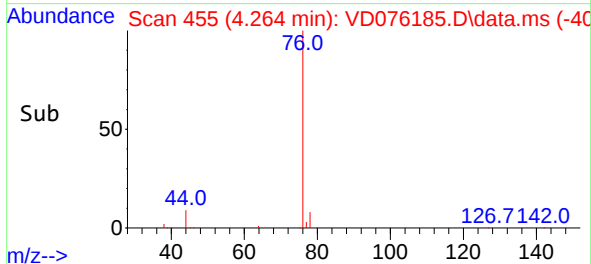
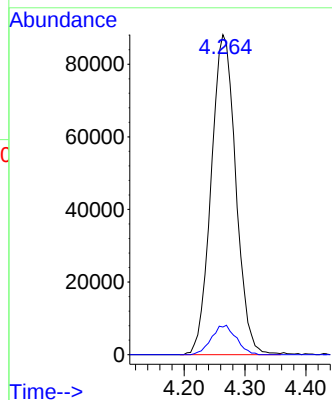
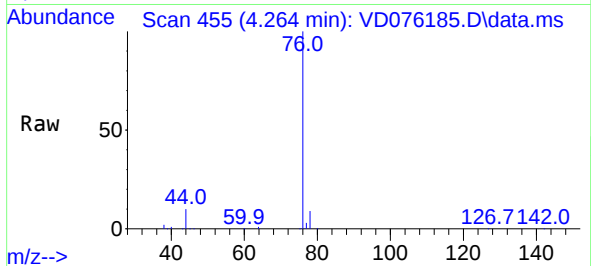




#17
Carbon Disulfide
Concen: 45.099 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

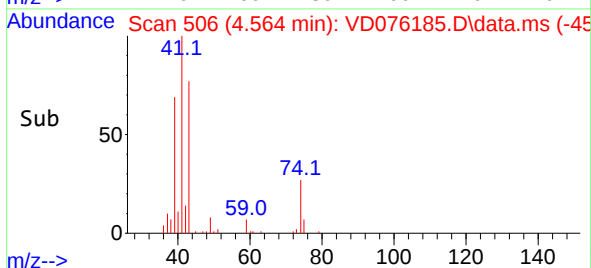
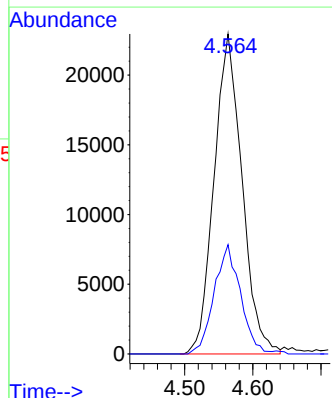
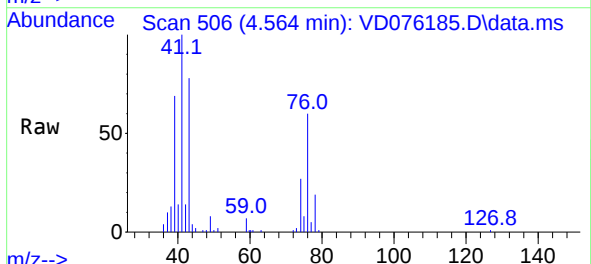
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

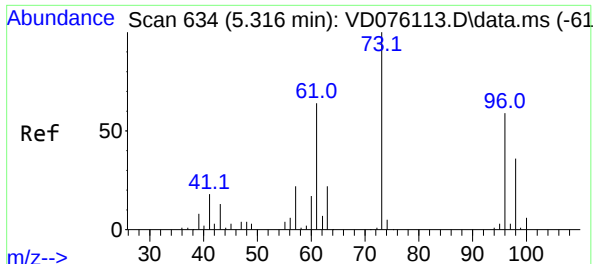
Tgt Ion: 76 Resp: 247683
Ion Ratio Lower Upper
76 100
78 8.6 8.0 12.0



#18
Methyl Acetate
Concen: 51.139 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 43 Resp: 65459
Ion Ratio Lower Upper
43 100
74 32.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 51.176 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

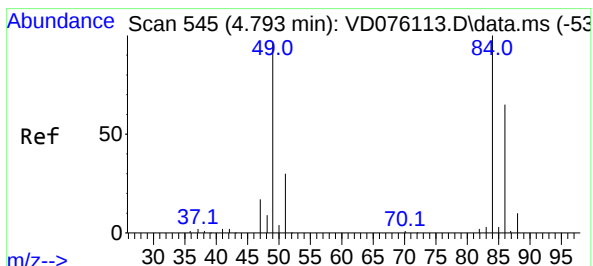
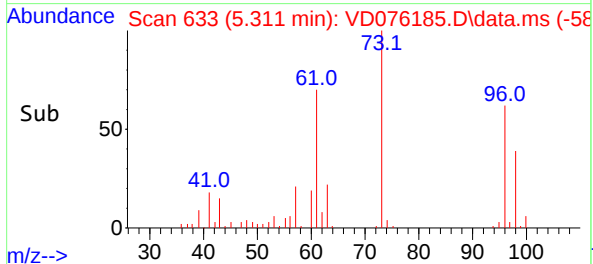
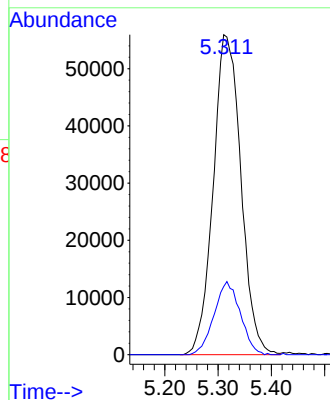
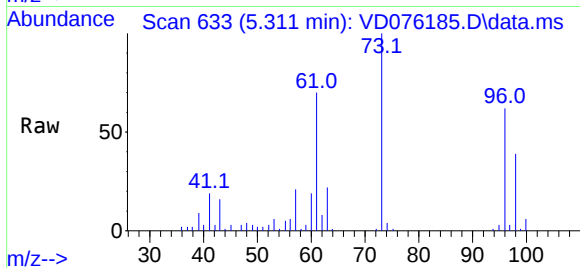
VSTDCCC050EC

Tgt Ion: 73 Resp: 202019

Ion Ratio Lower Upper

73 100

57 21.3 17.2 25.8



#20

Methylene Chloride

Concen: 62.762 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Tgt Ion: 84 Resp: 169708

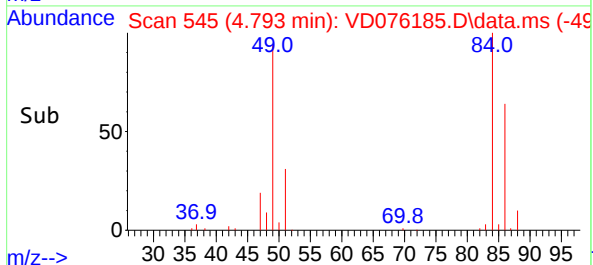
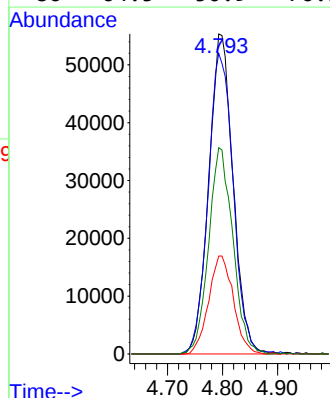
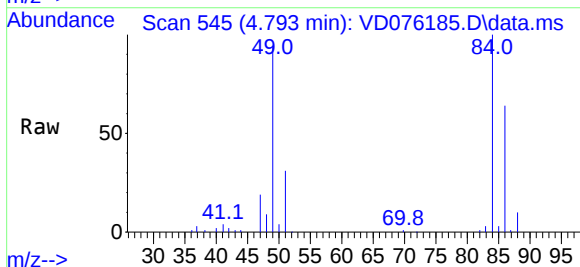
Ion Ratio Lower Upper

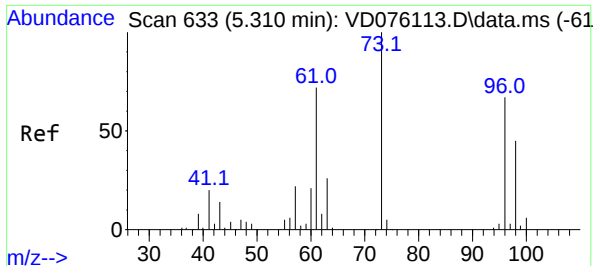
84 100

49 93.9 106.4 159.6#

51 30.6 32.4 48.6#

86 64.5 50.9 76.3

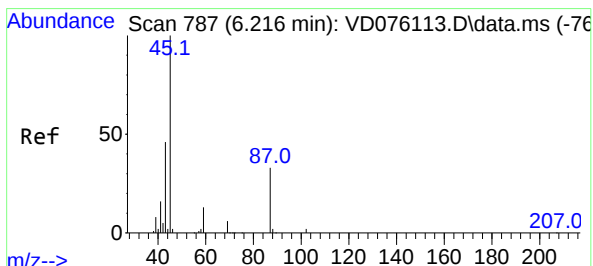
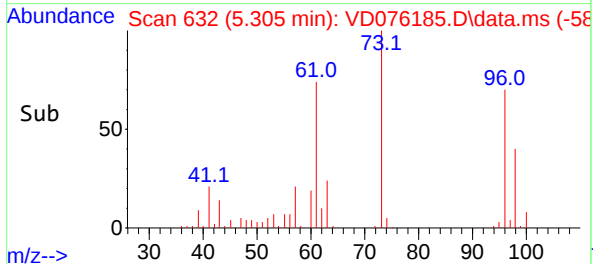
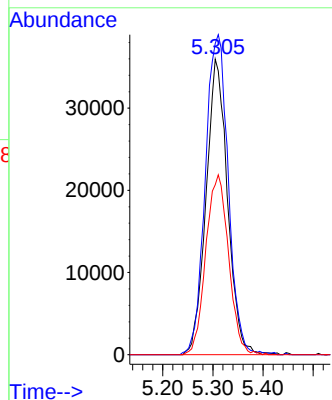
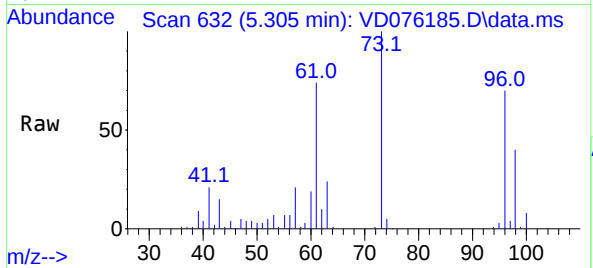




#21
trans-1,2-Dichloroethene
Concen: 46.030 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

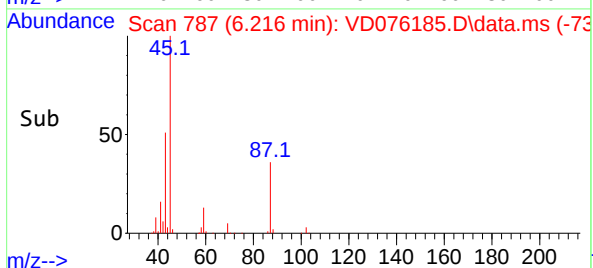
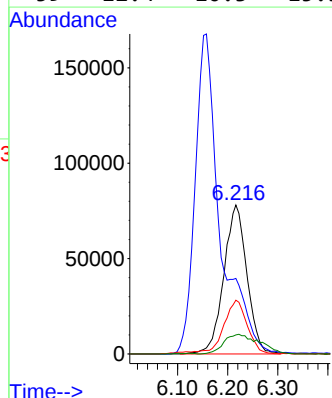
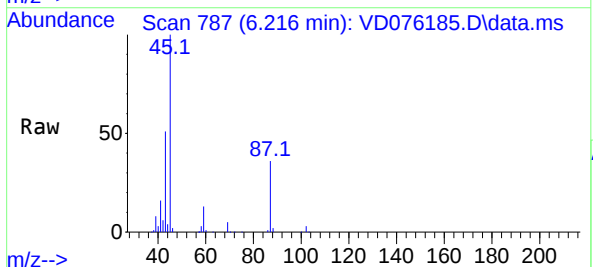
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

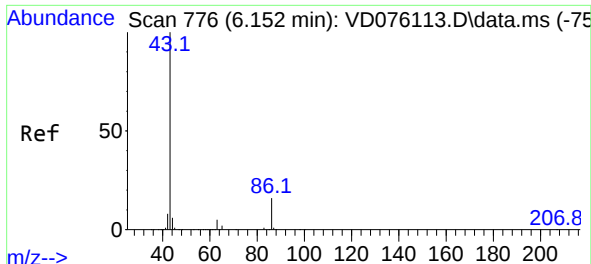
Tgt Ion: 96 Resp: 106993
Ion Ratio Lower Upper
96 100
61 105.3 117.2 175.8#
98 57.5 50.6 76.0



#22
Diisopropyl ether
Concen: 52.666 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 45 Resp: 250218
Ion Ratio Lower Upper
45 100
43 49.7 44.4 66.6
87 36.1 20.9 31.3#
59 12.4 10.3 15.5

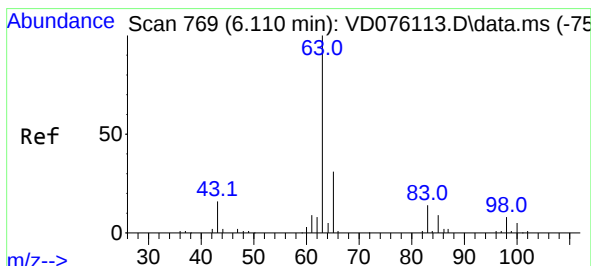
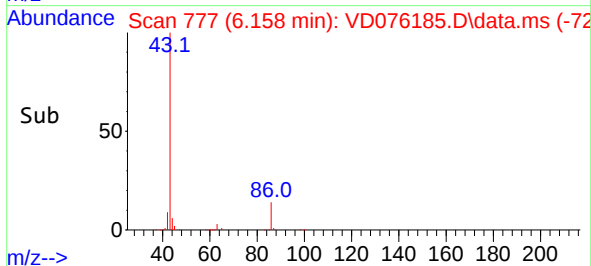
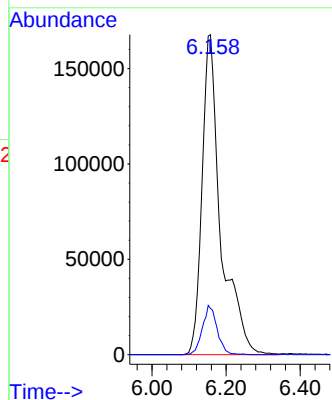
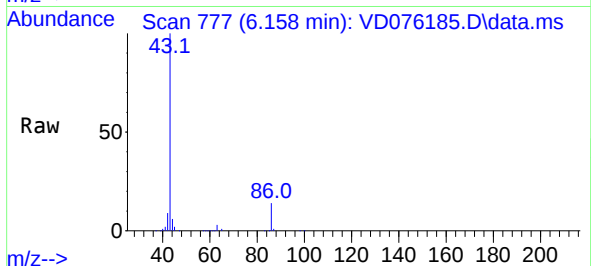




#23
 Vinyl Acetate
 Concen: 314.272 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

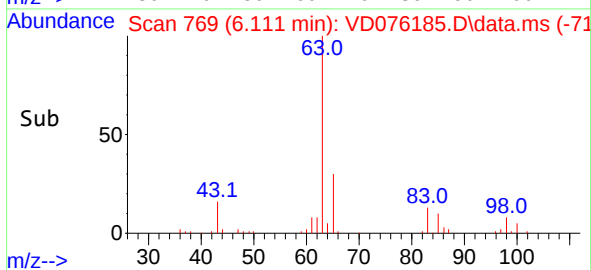
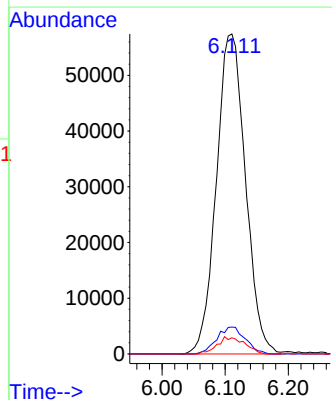
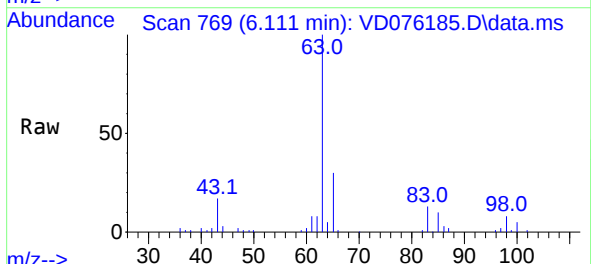
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

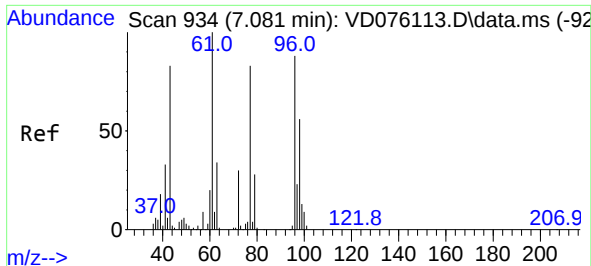
Tgt Ion: 43 Resp: 587086
 Ion Ratio Lower Upper
 43 100
 86 14.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 49.055 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

Tgt Ion: 63 Resp: 183806
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.1 2.0 6.0

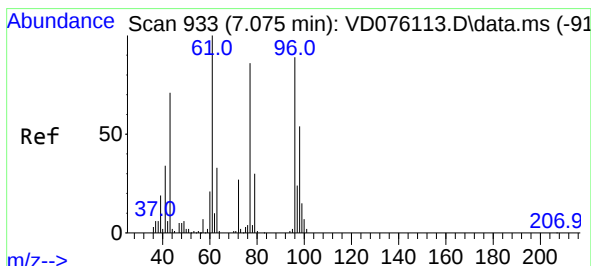
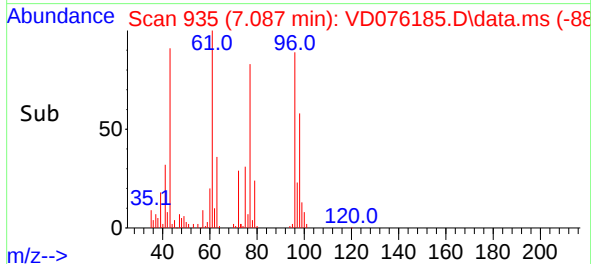
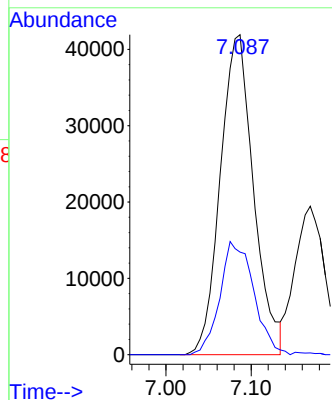
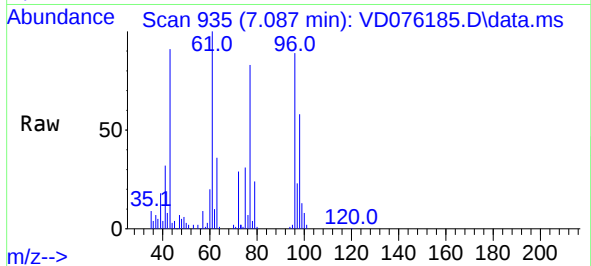




#25
2-Butanone
Concen: 252.080 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

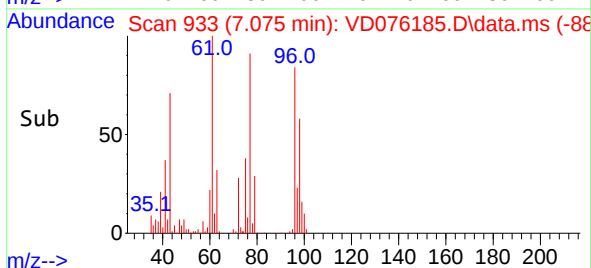
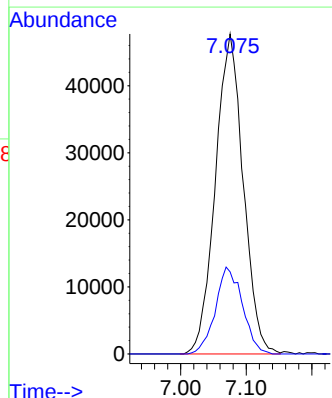
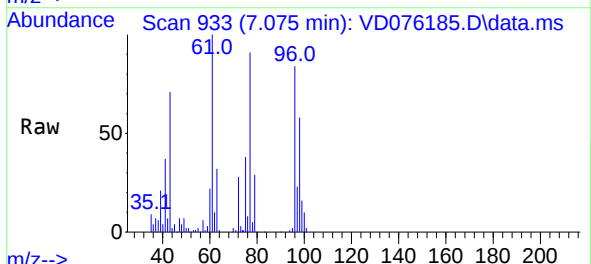
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

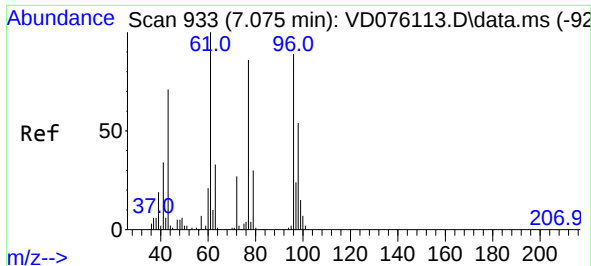
Tgt Ion: 43 Resp: 113734
Ion Ratio Lower Upper
43 100
72 32.0 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 45.999 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 77 Resp: 140540
Ion Ratio Lower Upper
77 100
97 26.3 11.1 33.1



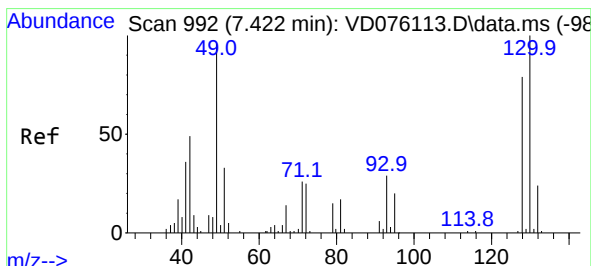
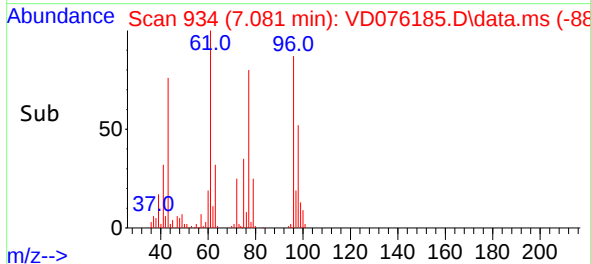
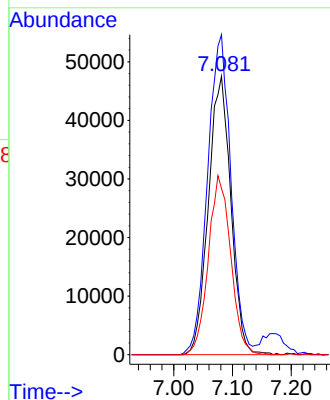
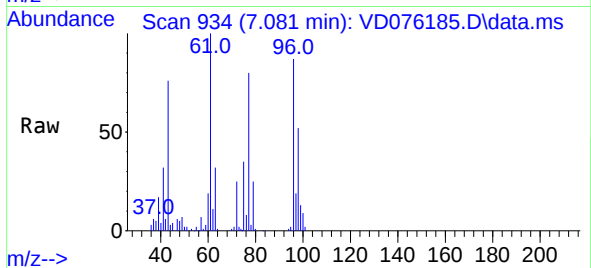


#27
 cis-1,2-Dichloroethene
 Concen: 48.921 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 126189

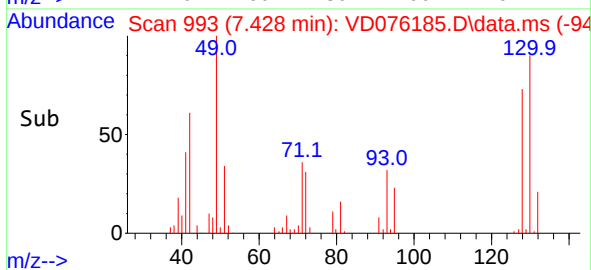
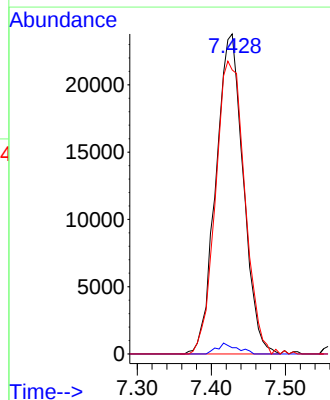
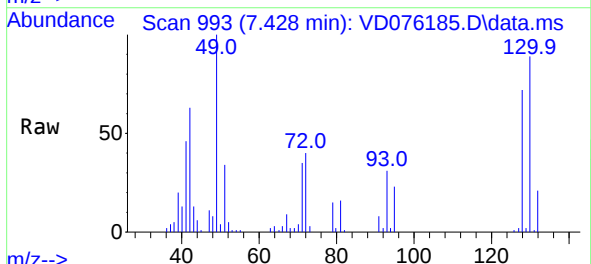
Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	295.2
98	64.2	0.0	129.2

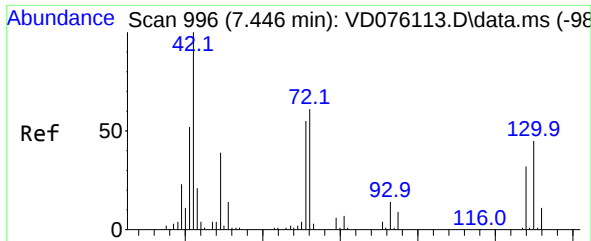


#28
 Bromochloromethane
 Concen: 48.906 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

Tgt Ion: 49 Resp: 61102

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	97.6	56.0	84.0#





#29

Tetrahydrofuran

Concen: 267.192 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076185.D

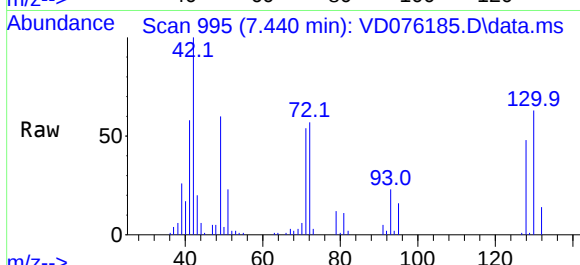
Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



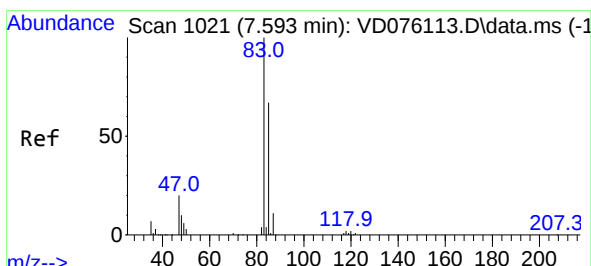
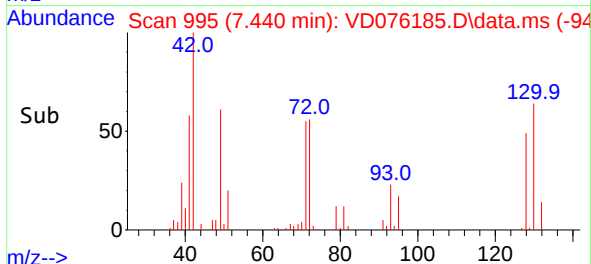
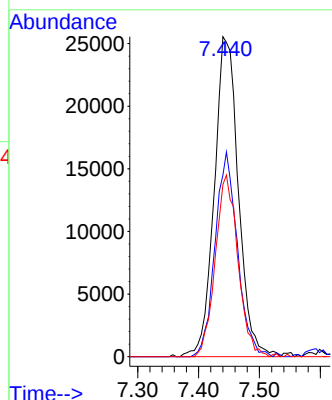
Tgt Ion: 42 Resp: 70265

Ion Ratio Lower Upper

42 100

72 59.3 31.8 47.6#

71 53.1 27.6 41.4#



#30

Chloroform

Concen: 48.978 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076185.D

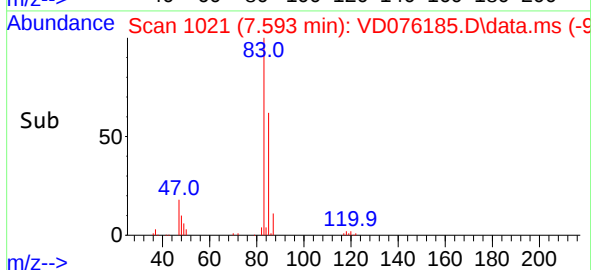
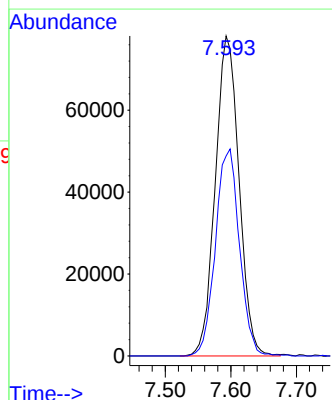
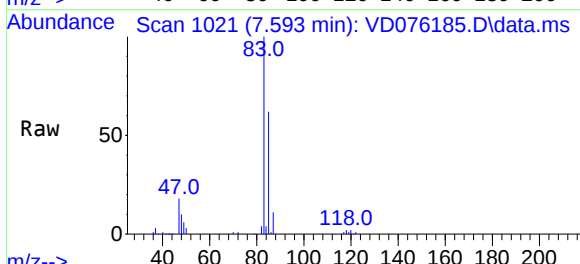
Acq: 22 May 2023 19:52

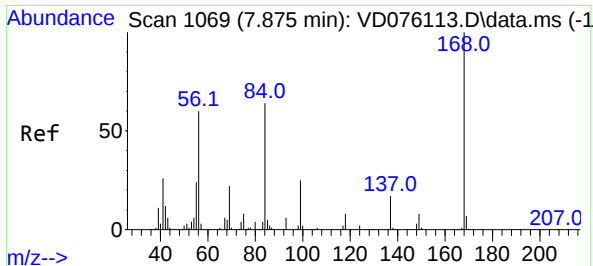
Tgt Ion: 83 Resp: 196252

Ion Ratio Lower Upper

83 100

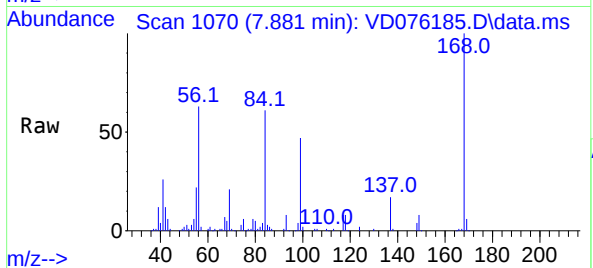
85 62.5 49.4 74.2



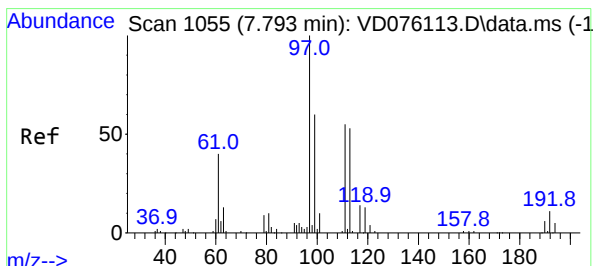
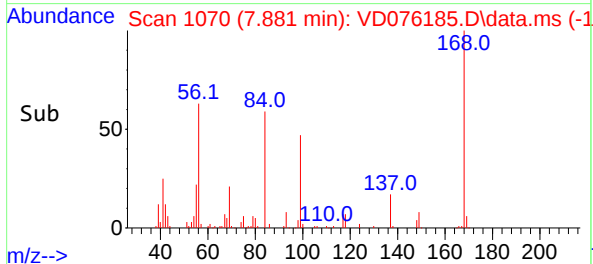
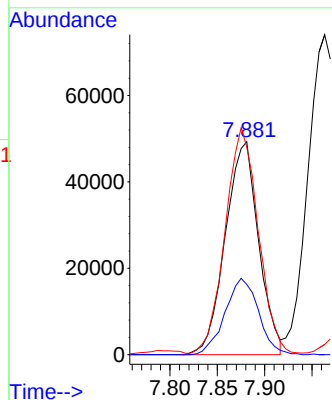


#31
Cyclohexane
Concen: 43.529 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

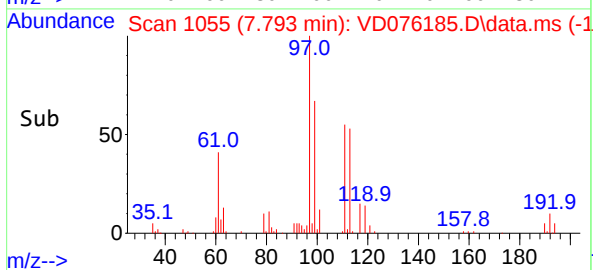
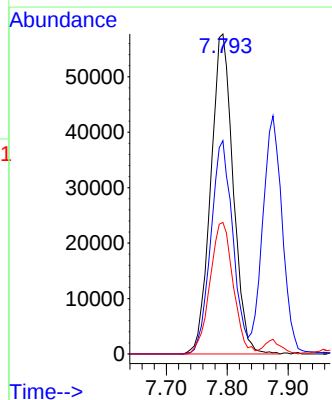
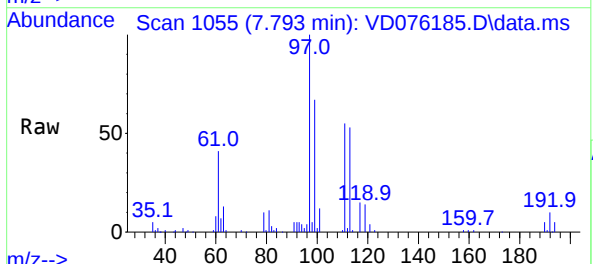


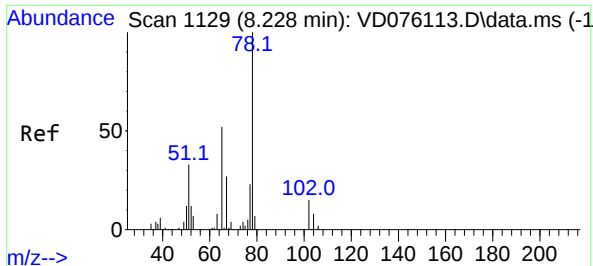
Tgt Ion: 56 Resp: 120232
Ion Ratio Lower Upper
56 100
69 32.9 25.5 38.3
84 95.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 46.247 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 97 Resp: 147679
Ion Ratio Lower Upper
97 100
99 65.5 50.5 75.7
61 42.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.216 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

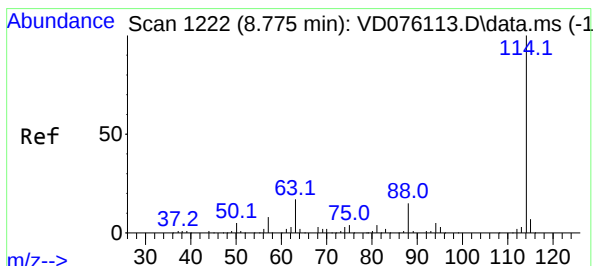
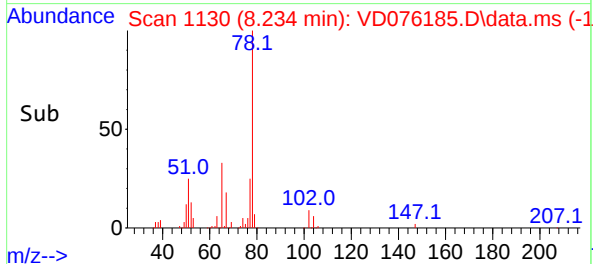
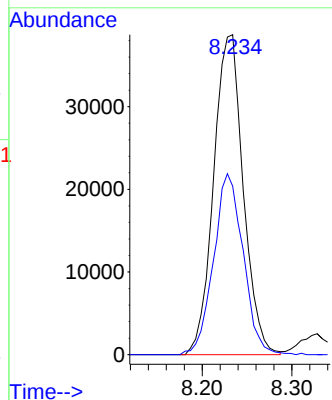
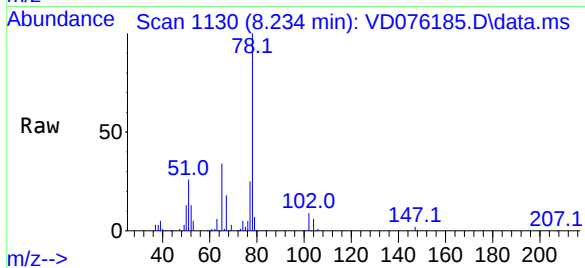
VSTDCCC050EC

Tgt Ion: 65 Resp: 88762

Ion Ratio Lower Upper

65 100

67 56.5 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: VD076185.D

Acq: 22 May 2023 19:52

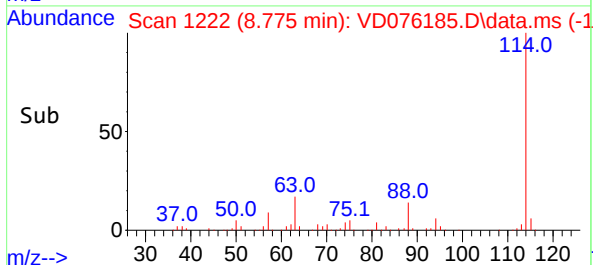
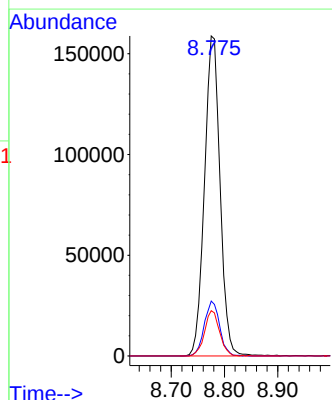
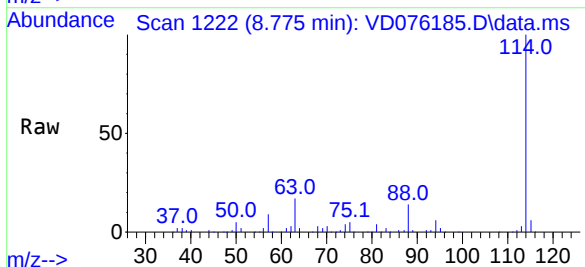
Tgt Ion: 114 Resp: 323457

Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.144 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

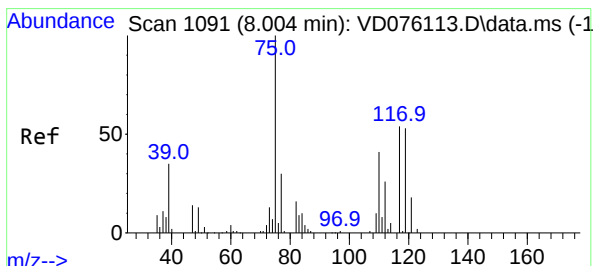
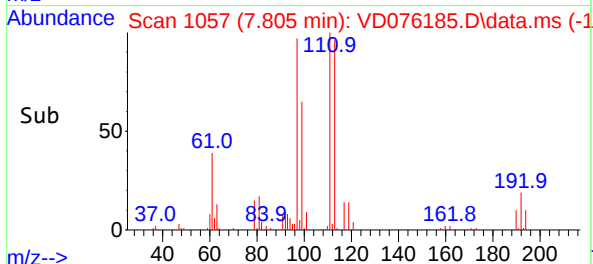
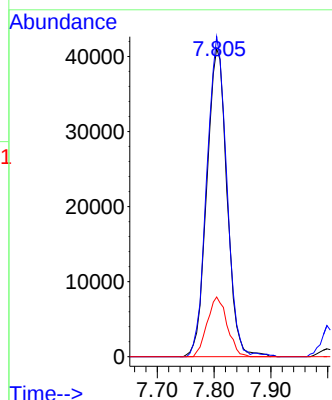
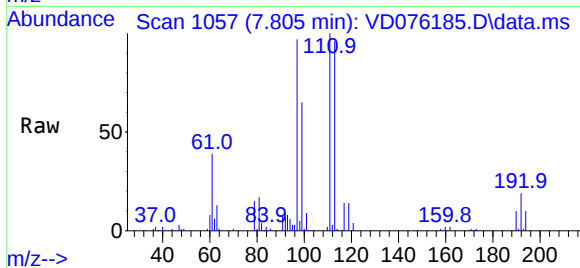
Tgt Ion:113 Resp: 100932

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 44.228 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

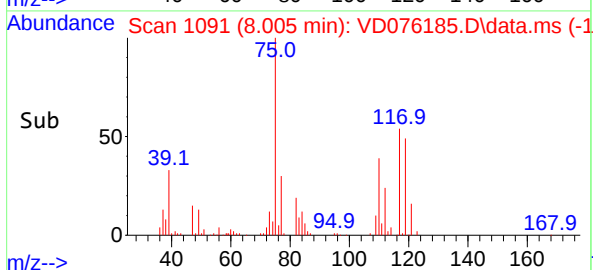
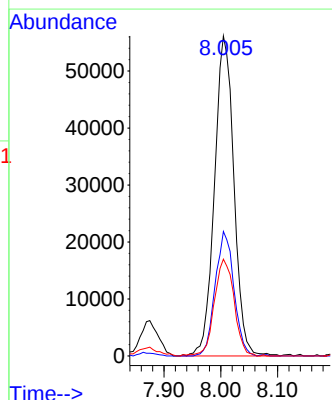
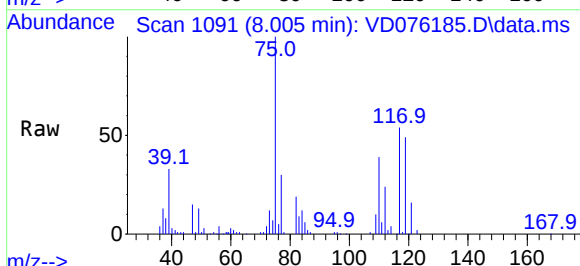
Tgt Ion: 75 Resp: 133549

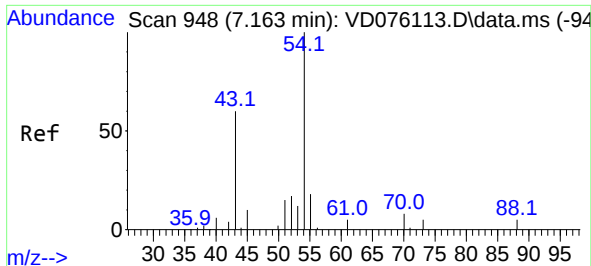
Ion Ratio Lower Upper

75 100

110 37.4 17.1 51.2

77 30.8 24.6 36.8



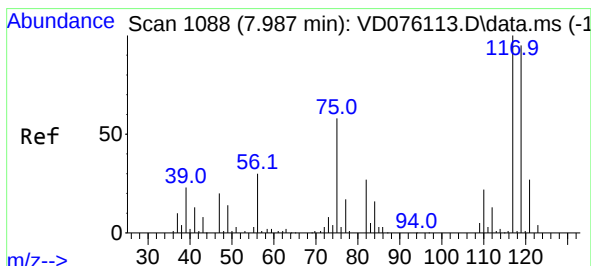
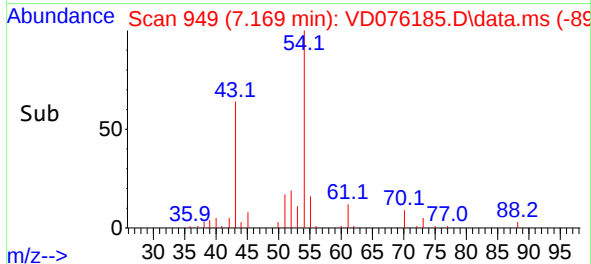
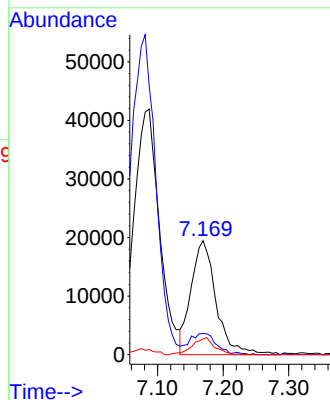
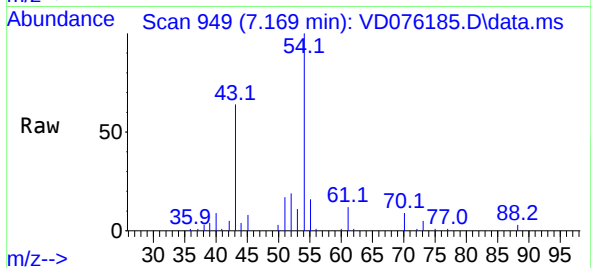


#37
Ethyl Acetate
Concen: 49.581 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 51843

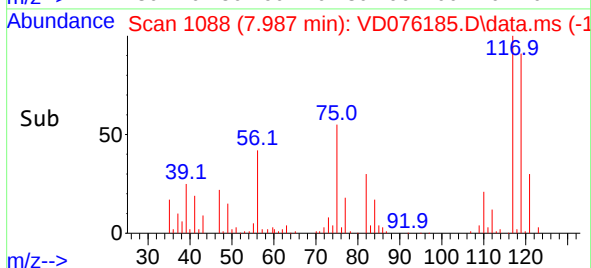
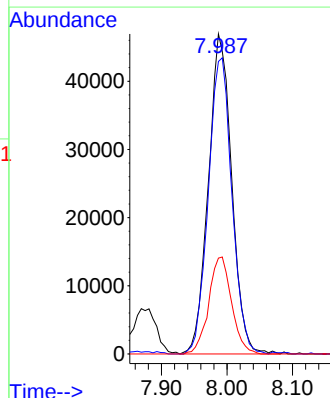
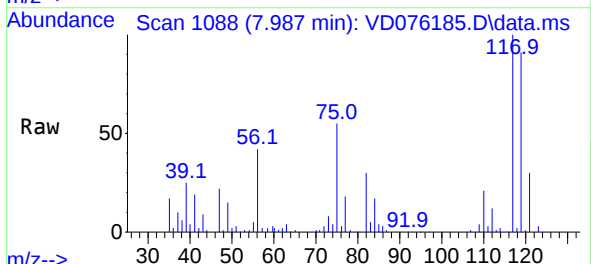
Ion	Ratio	Lower	Upper
43	100		
61	17.6	0.0	0.0#
70	13.2	5.6	8.4#

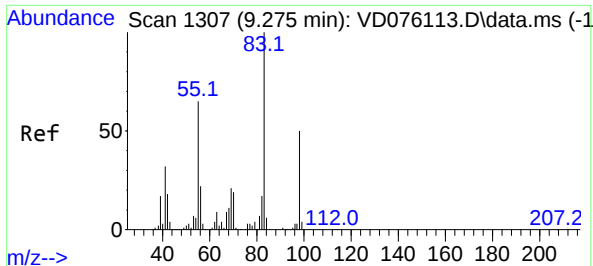


#38
Carbon Tetrachloride
Concen: 42.475 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 117 Resp: 115849

Ion	Ratio	Lower	Upper
117	100		
119	91.4	74.7	112.1
121	30.0	25.9	38.9

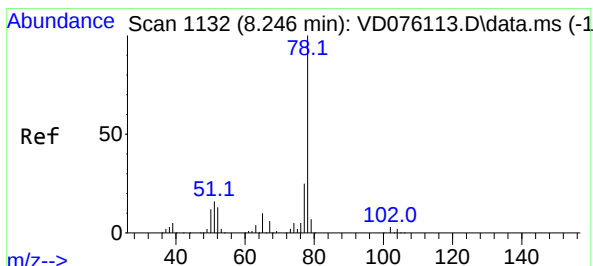
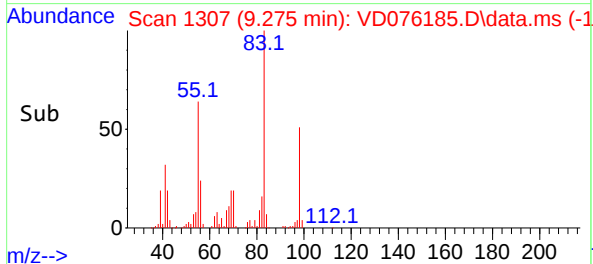
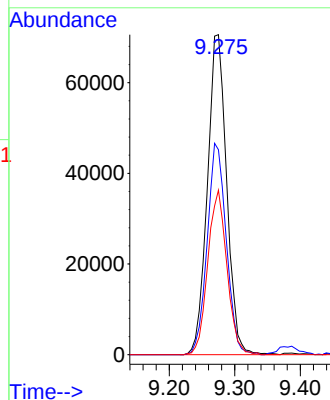
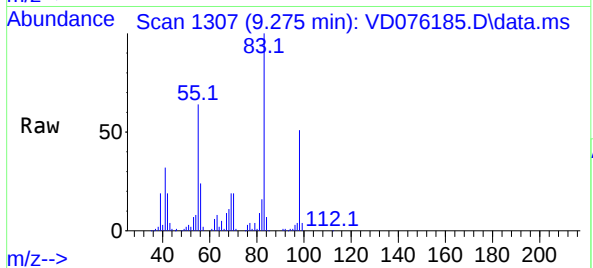




#39
Methylcyclohexane
Concen: 41.551 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

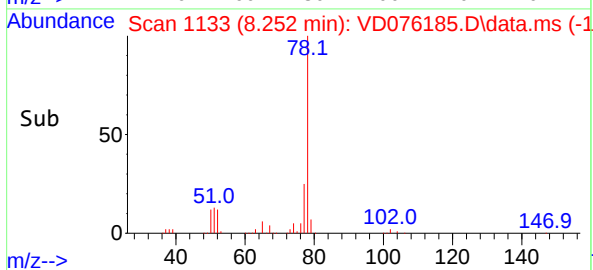
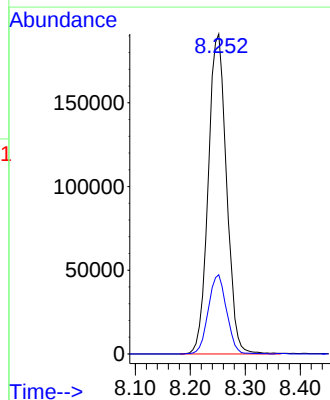
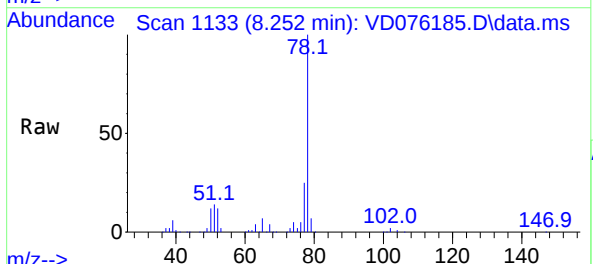
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

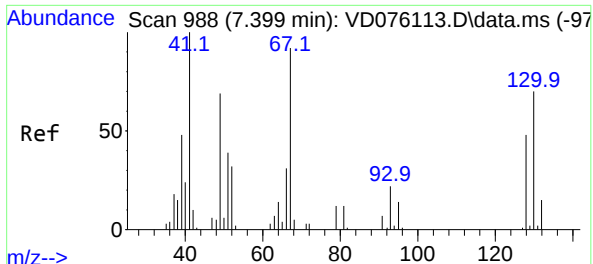
Tgt Ion: 83 Resp: 144451
Ion Ratio Lower Upper
83 100
55 64.1 56.8 85.2
98 51.4 38.9 58.3



#40
Benzene
Concen: 45.487 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 78 Resp: 441582
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

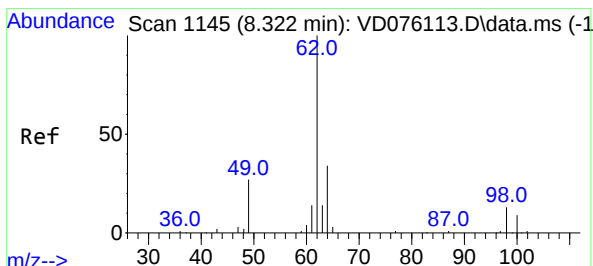
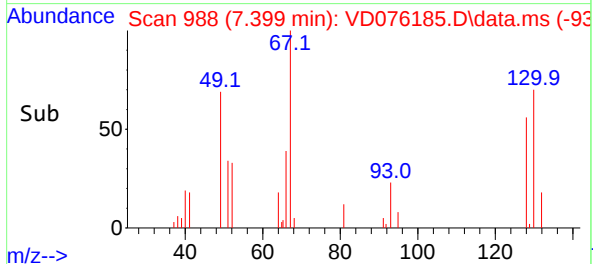
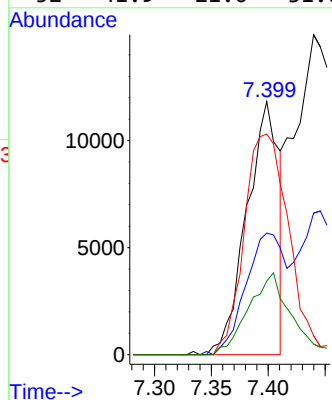
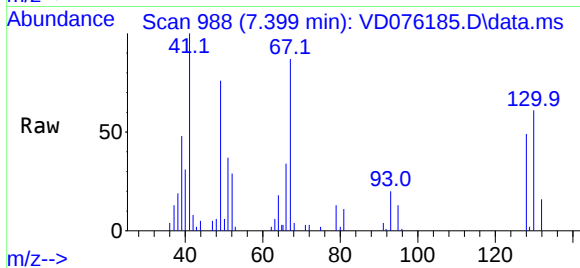




#41
Methacrylonitrile
Concen: 40.804 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

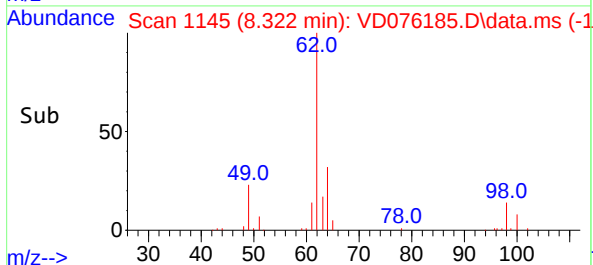
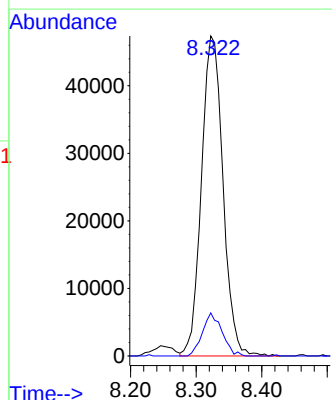
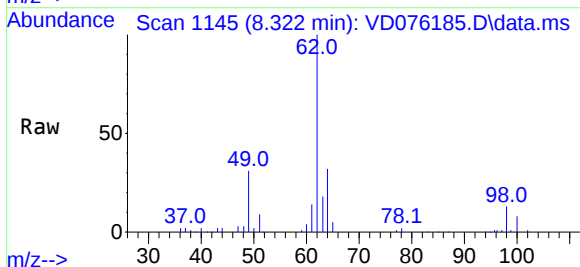
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

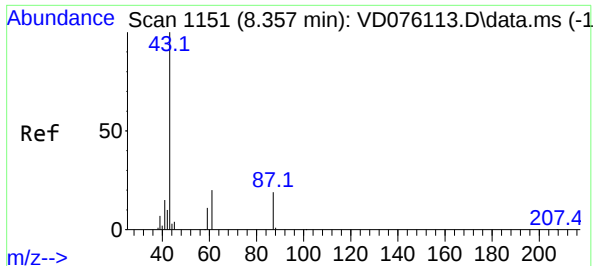
Tgt Ion: 41 Resp: 23394
Ion Ratio Lower Upper
41 100
39 57.6 45.3 67.9
67 120.1 50.5 75.7#
52 41.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 47.200 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 62 Resp: 108380
Ion Ratio Lower Upper
62 100
98 12.3 0.0 18.8

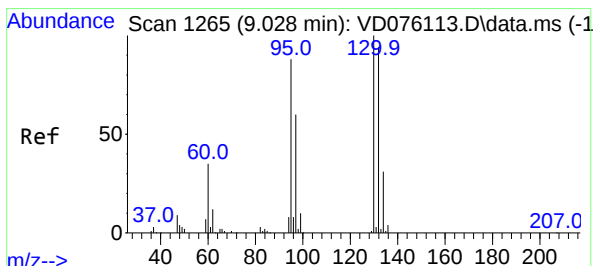
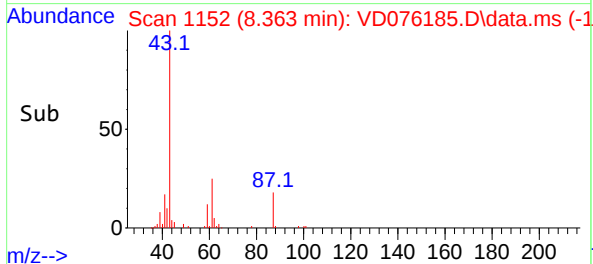
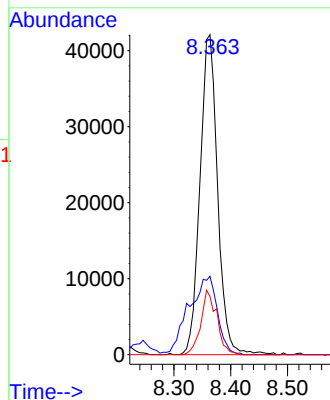
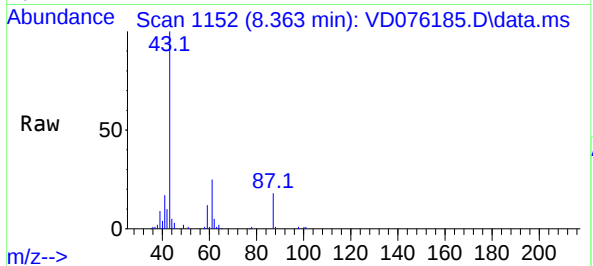




#43
Isopropyl Acetate
Concen: 46.476 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

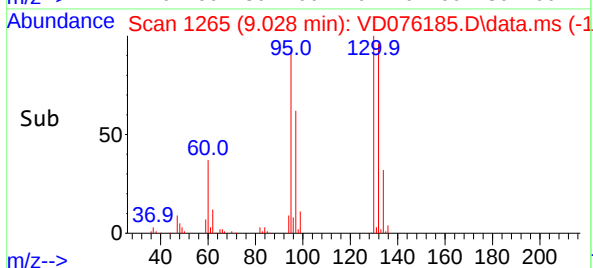
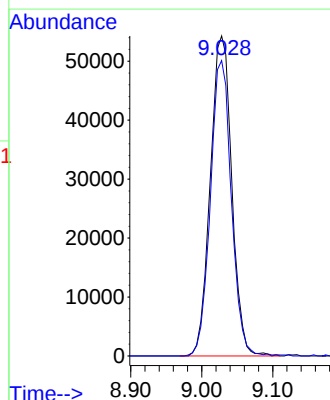
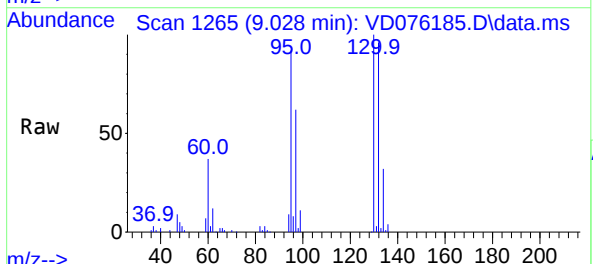
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

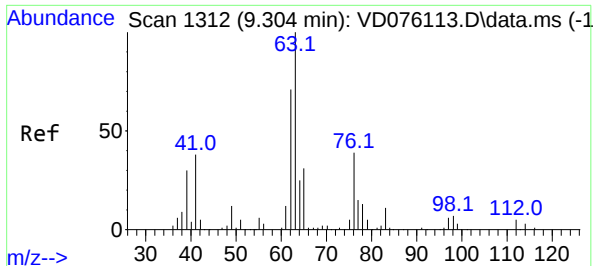
Tgt Ion: 43 Resp: 90778
Ion Ratio Lower Upper
43 100
61 39.3 23.4 35.0#
87 18.3 9.5 14.3#



#44
Trichloroethene
Concen: 41.552 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:130 Resp: 113682
Ion Ratio Lower Upper
130 100
95 92.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 46.306 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

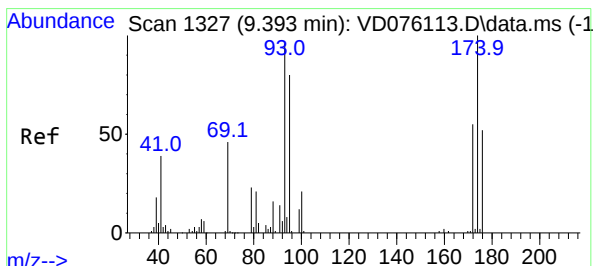
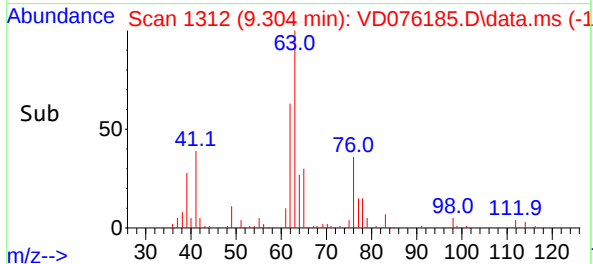
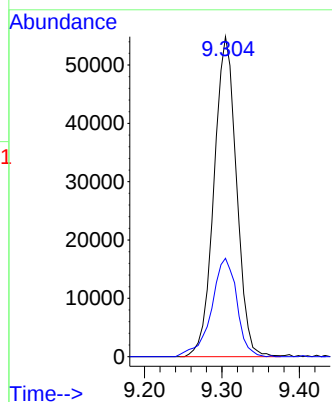
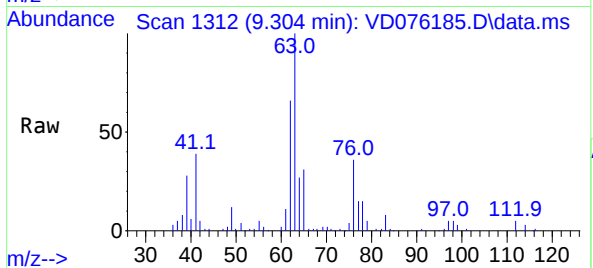
VSTDCCC050EC

Tgt Ion: 63 Resp: 110882

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.4



#46

Dibromomethane

Concen: 45.426 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

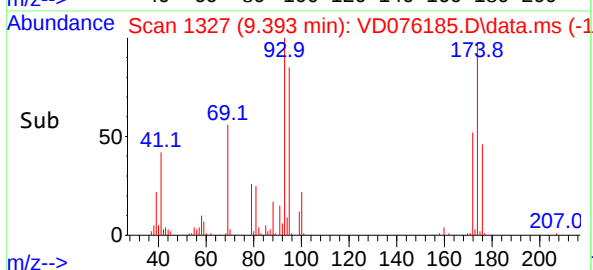
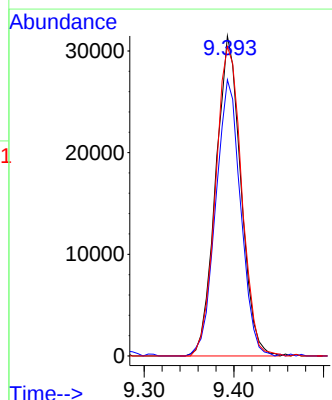
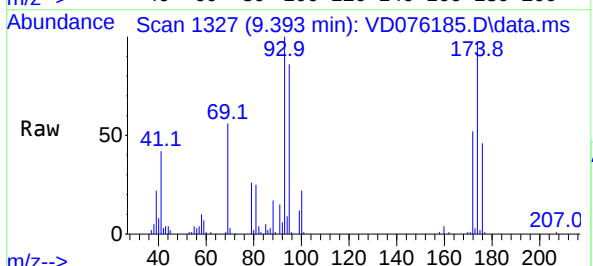
Tgt Ion: 93 Resp: 60972

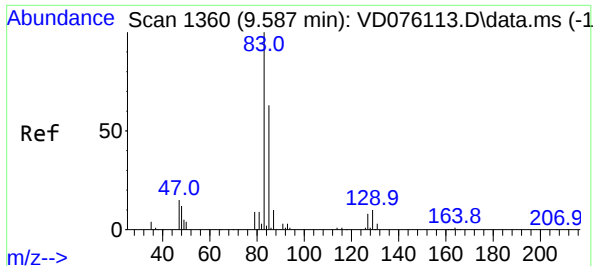
Ion Ratio Lower Upper

93 100

95 85.8 64.5 96.7

174 100.6 76.2 114.4

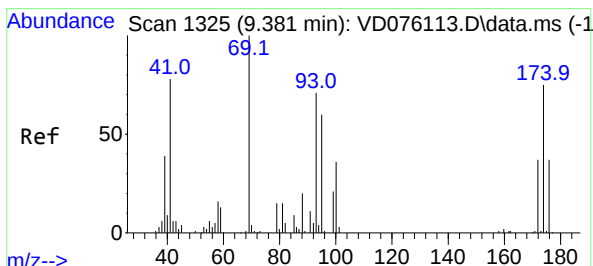
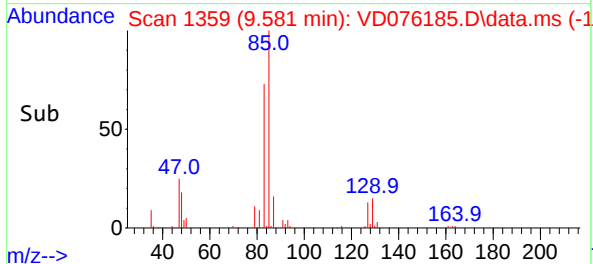
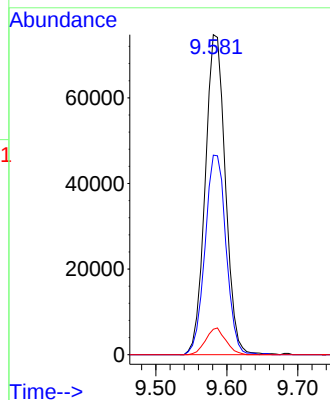
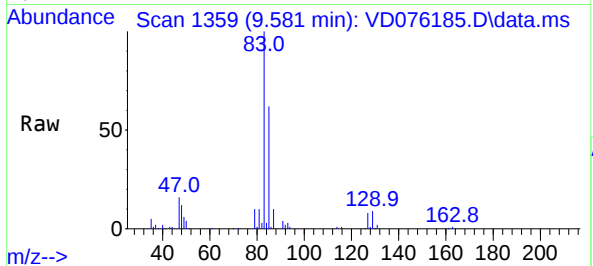




#47
Bromodichloromethane
Concen: 45.747 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

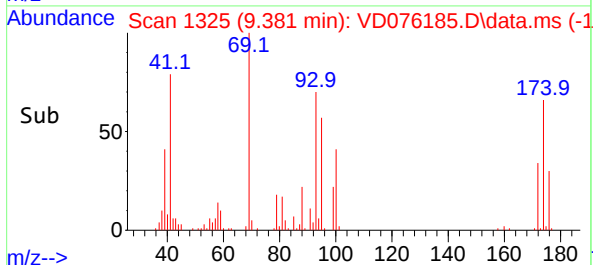
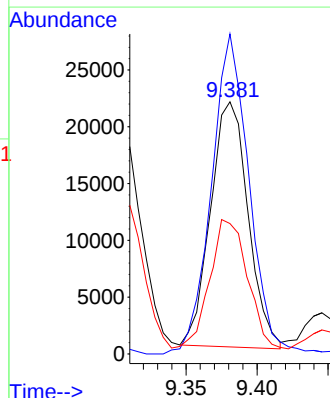
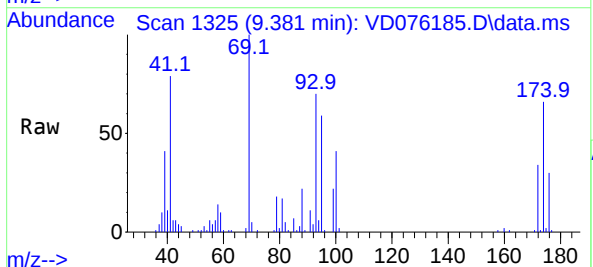
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

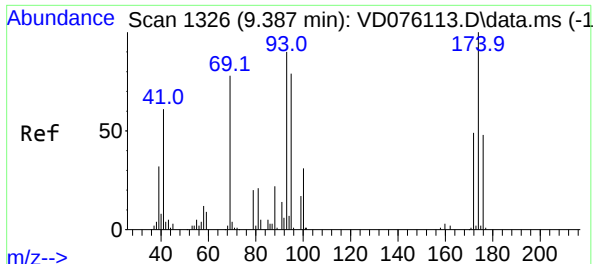
Tgt Ion: 83 Resp: 147571
Ion Ratio Lower Upper
83 100
85 62.3 53.7 80.5
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 45.981 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 41 Resp: 39749
Ion Ratio Lower Upper
41 100
69 131.3 58.6 88.0#
39 58.4 53.4 80.0

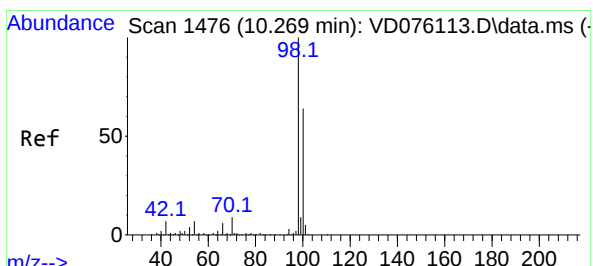
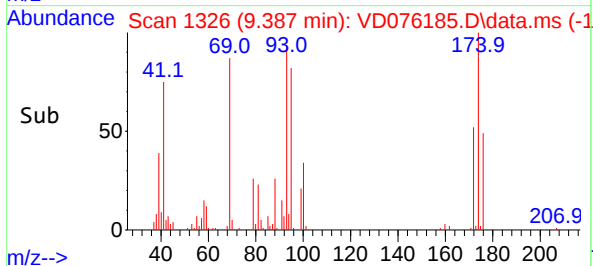
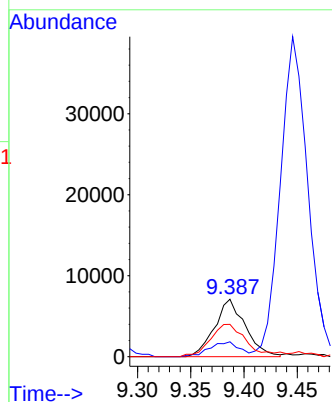
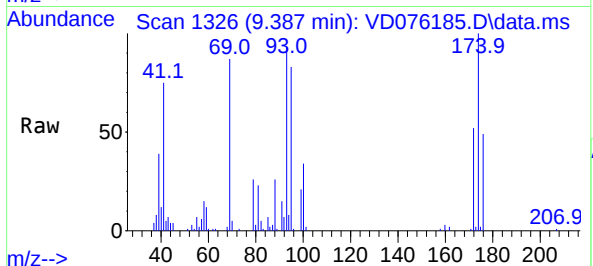




#49
1,4-Dioxane
Concen: 986.757 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

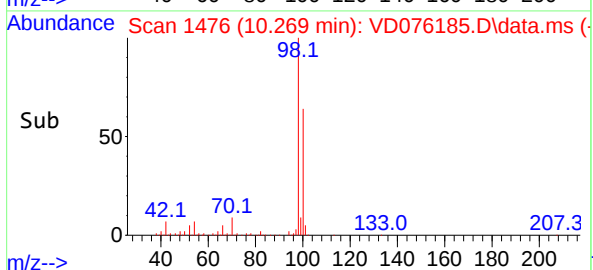
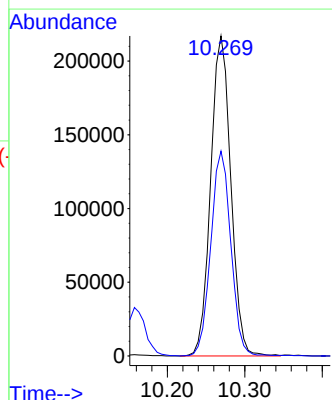
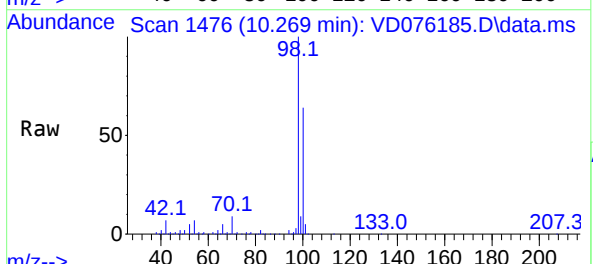
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

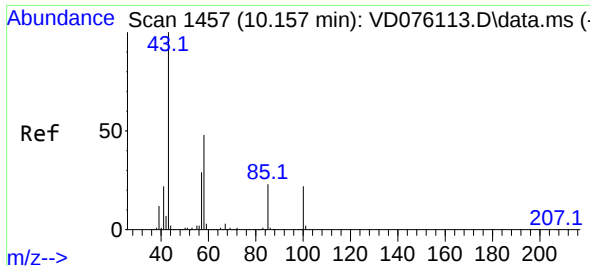
Tgt Ion: 88 Resp: 14163
Ion Ratio Lower Upper
88 100
43 25.5 34.6 51.8#
58 66.7 58.0 87.0



#50
Toluene-d8
Concen: 45.022 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 98 Resp: 392397
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

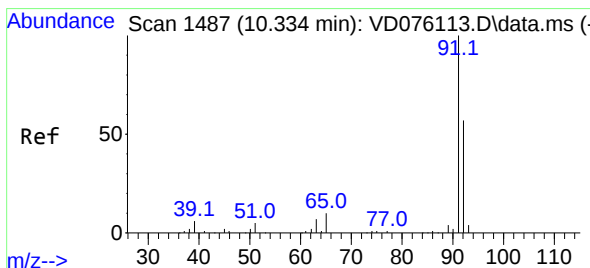
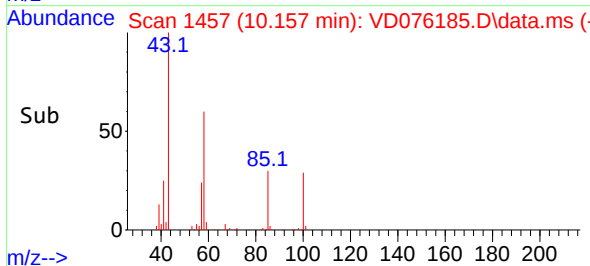
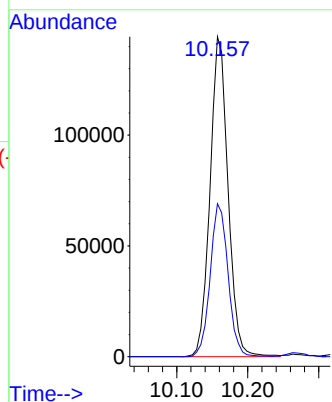
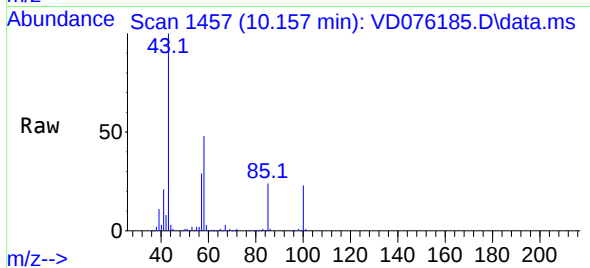




#51
4-Methyl-2-Pentanone
Concen: 244.426 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

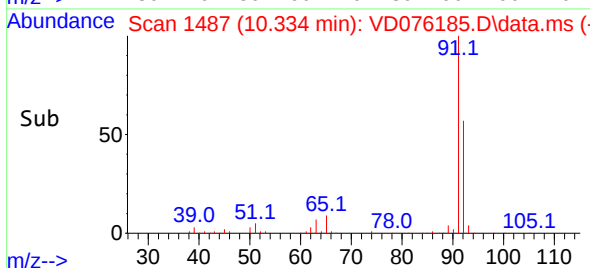
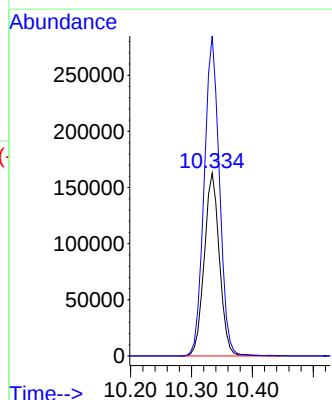
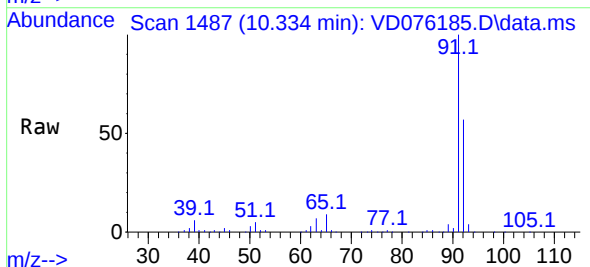
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

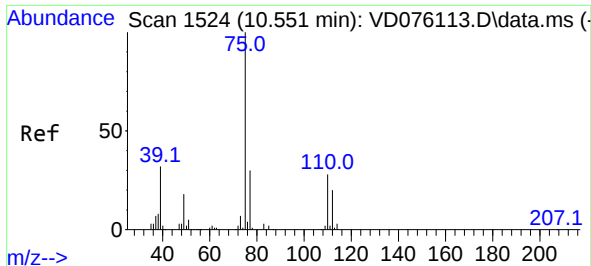
Tgt Ion: 43 Resp: 253916
Ion Ratio Lower Upper
43 100
58 47.5 29.5 44.3#



#52
Toluene
Concen: 46.395 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 92 Resp: 281303
Ion Ratio Lower Upper
92 100
91 176.1 136.5 204.7

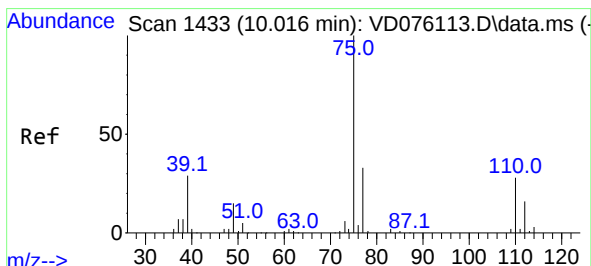
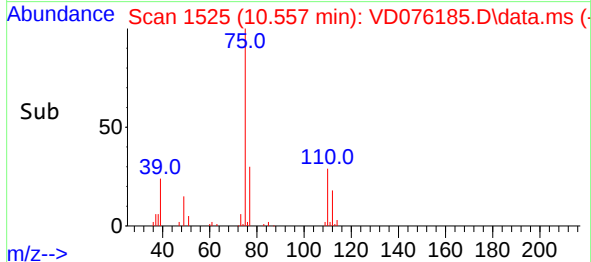
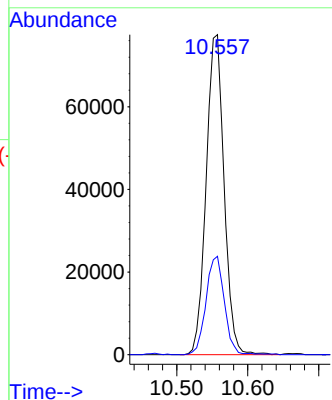
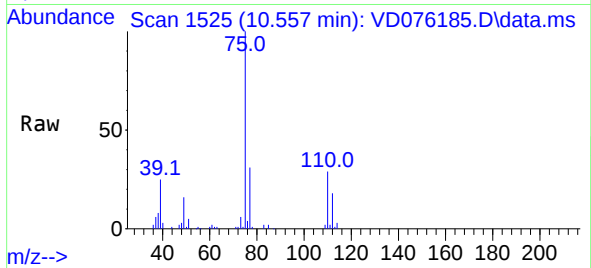




#53
t-1,3-Dichloropropene
Concen: 46.833 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

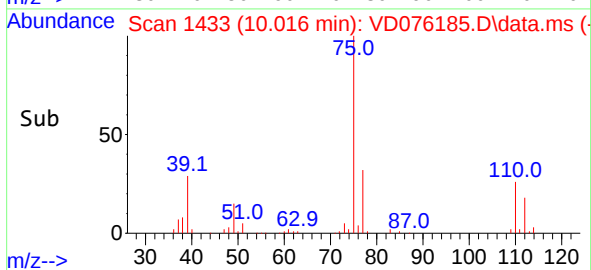
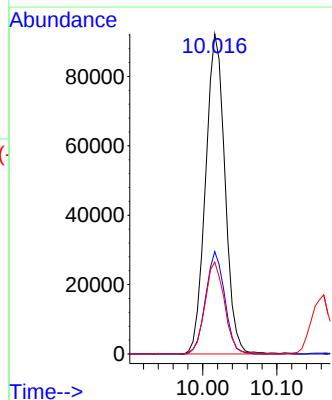
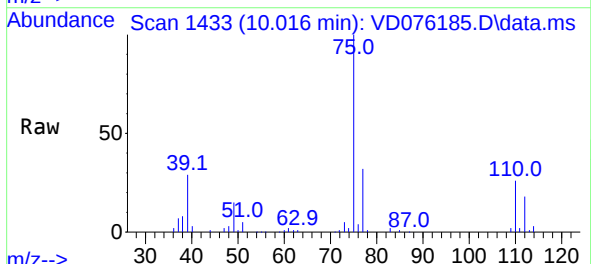
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

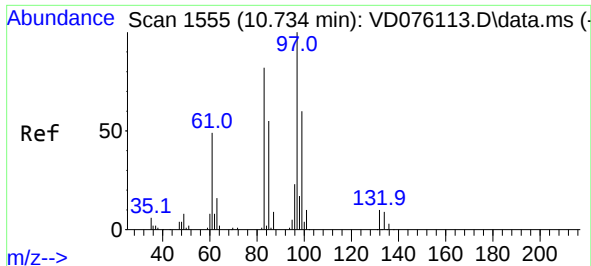
Tgt Ion: 75 Resp: 136159
Ion Ratio Lower Upper
75 100
77 30.7 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 47.225 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 75 Resp: 167560
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 28.7 44.8 67.2#

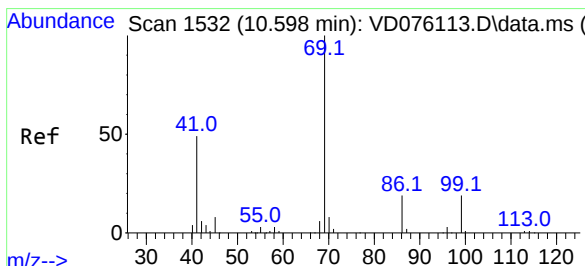
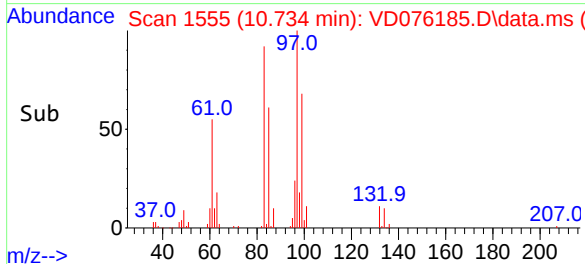
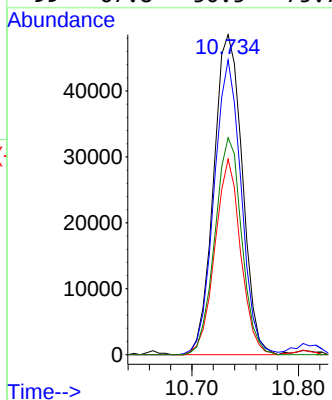
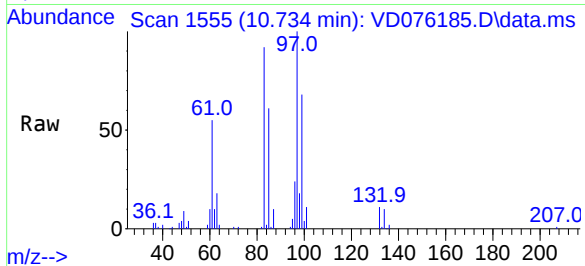




#55
1,1,2-Trichloroethane
Concen: 46.961 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

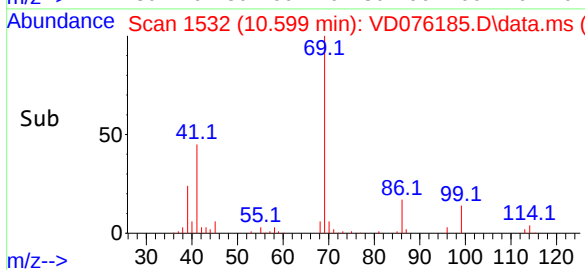
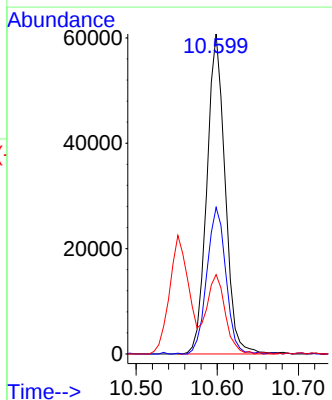
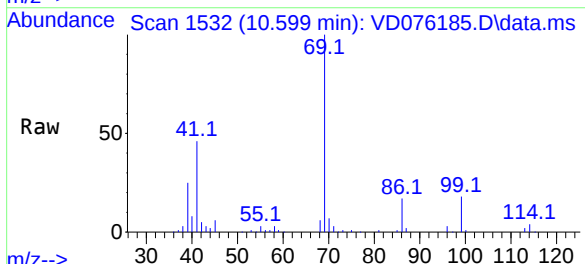
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

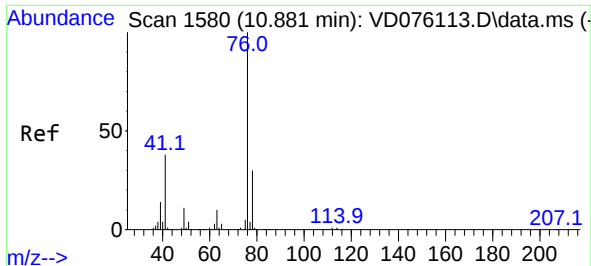
Tgt Ion:	97	Resp:	90390
Ion	Ratio	Lower	Upper
97	100		
83	92.1	74.2	111.4
85	61.1	45.4	68.0
99	67.8	50.5	75.7



#56
Ethyl methacrylate
Concen: 48.981 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:	69	Resp:	94761
Ion	Ratio	Lower	Upper
69	100		
41	47.8	59.3	88.9#
39	25.7	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 47.682 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

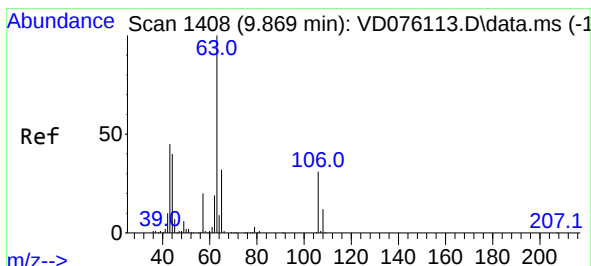
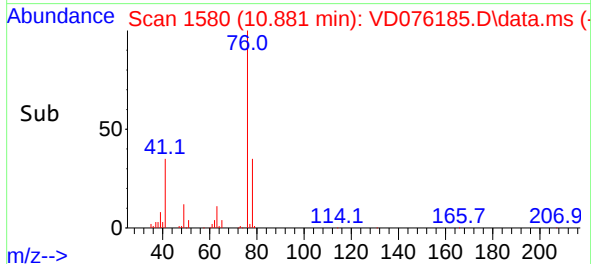
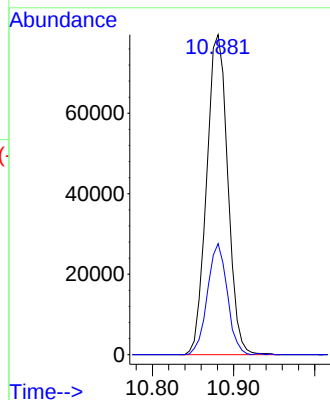
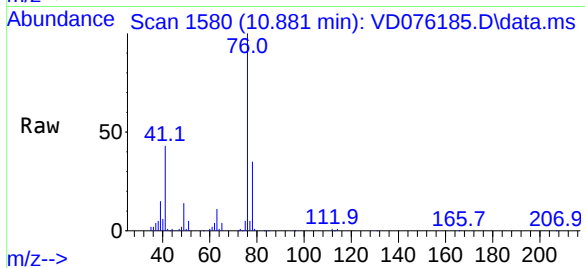
VSTDCCC050EC

Tgt Ion: 76 Resp: 143986

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 250.421 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076185.D

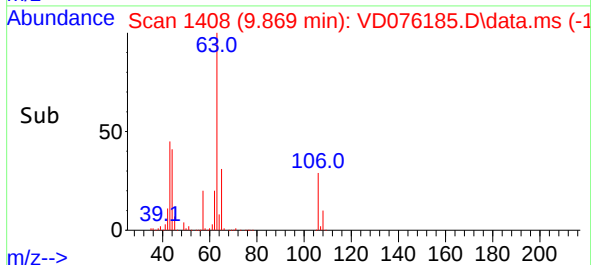
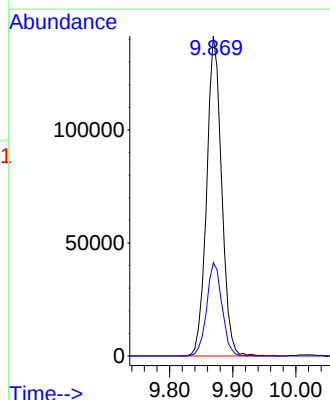
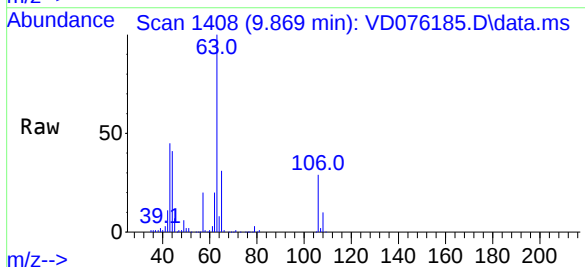
Acq: 22 May 2023 19:52

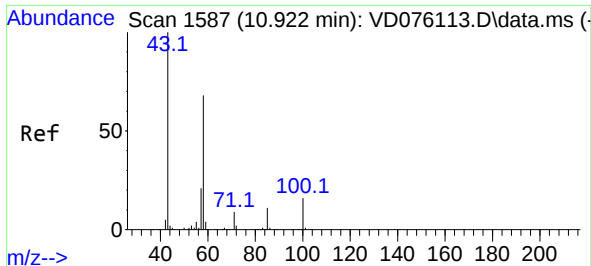
Tgt Ion: 63 Resp: 232457

Ion Ratio Lower Upper

63 100

106 29.8 21.4 32.2

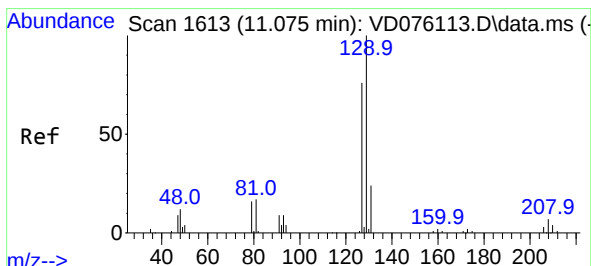
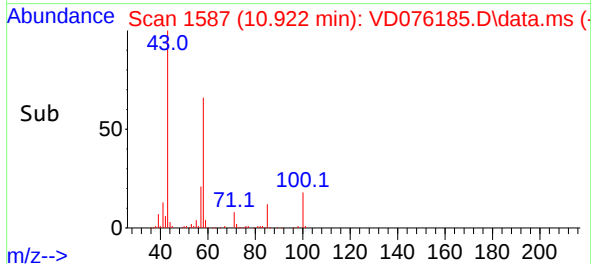
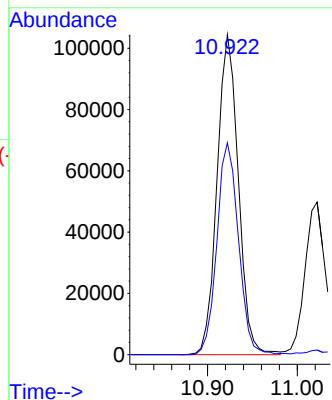
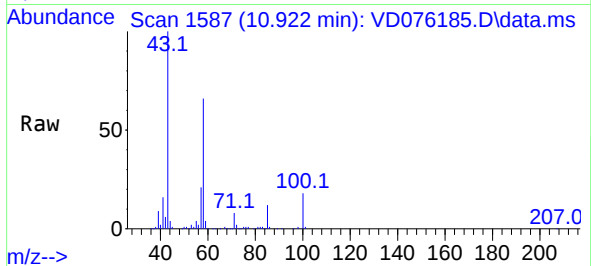




#59
2-Hexanone
Concen: 234.598 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

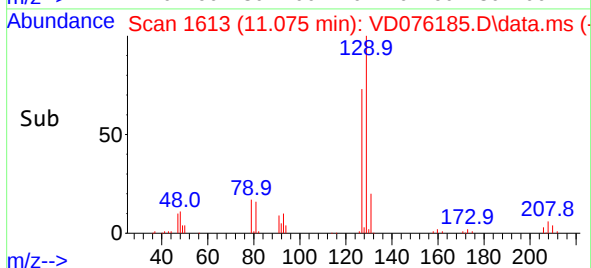
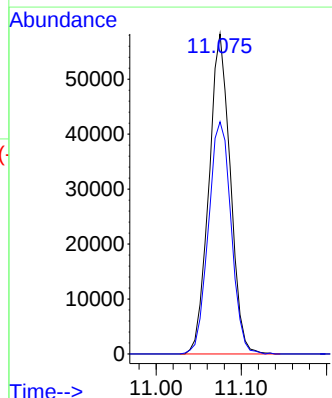
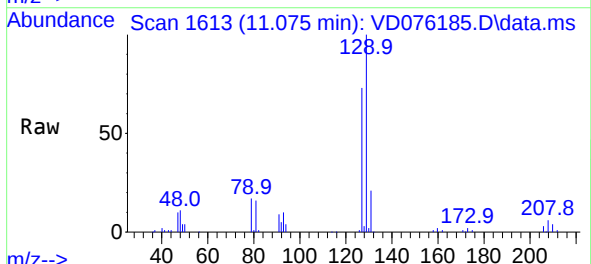
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

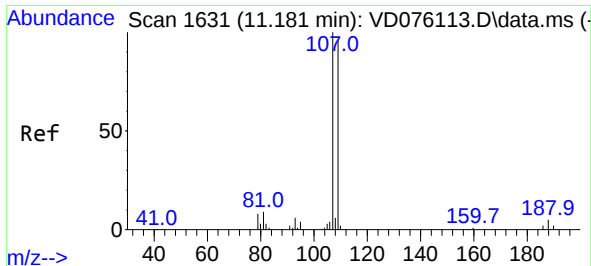
Tgt Ion: 43 Resp: 171868
Ion Ratio Lower Upper
43 100
58 67.1 25.3 75.8



#60
Dibromochloromethane
Concen: 46.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:129 Resp: 101534
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

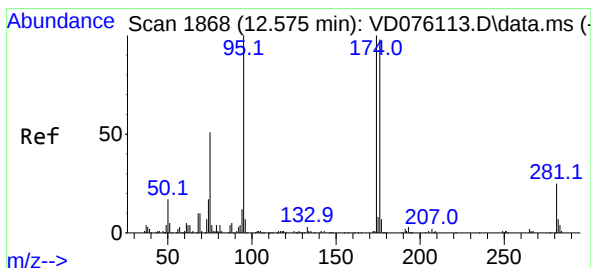
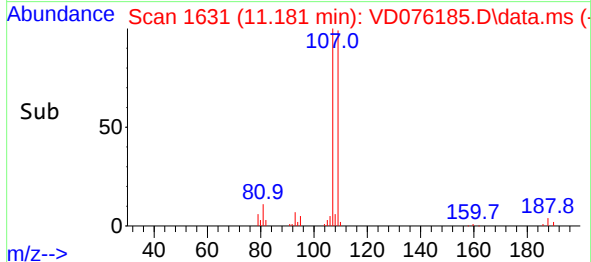
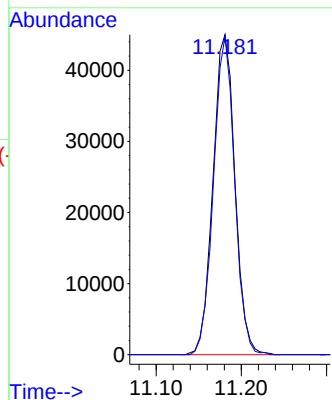
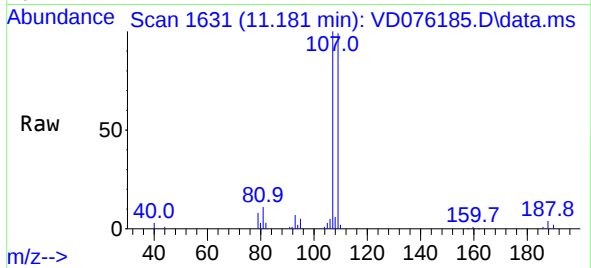




#61
1,2-Dibromoethane
Concen: 47.067 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

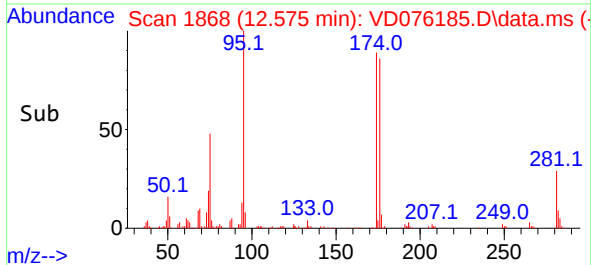
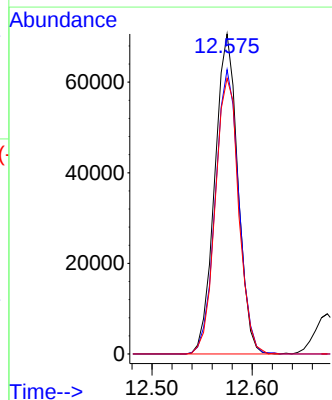
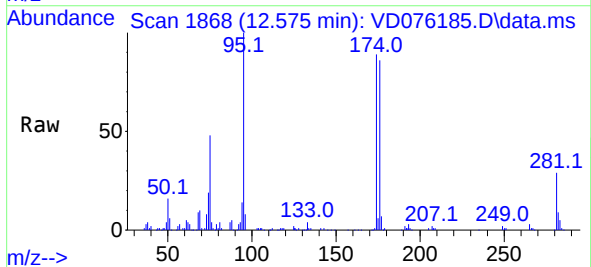
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

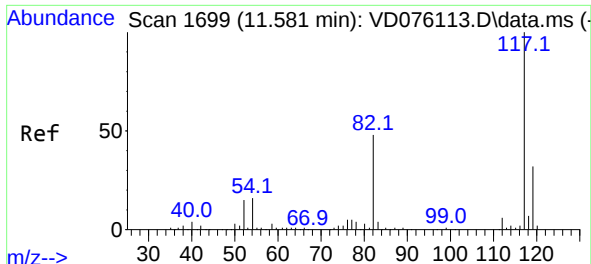
Tgt Ion:107 Resp: 80588
Ion Ratio Lower Upper
107 100
109 95.4 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 95 Resp: 112822
Ion Ratio Lower Upper
95 100
174 90.3 0.0 164.0
176 87.7 0.0 156.8

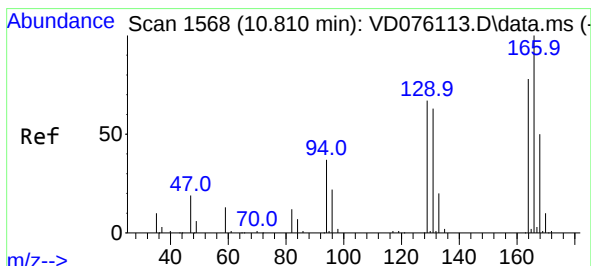
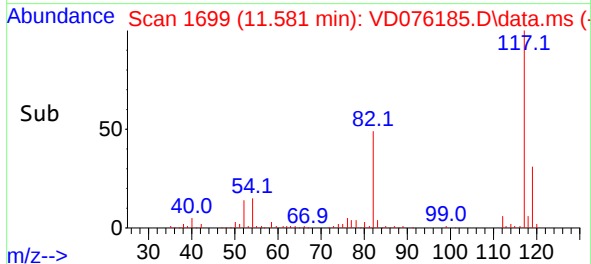
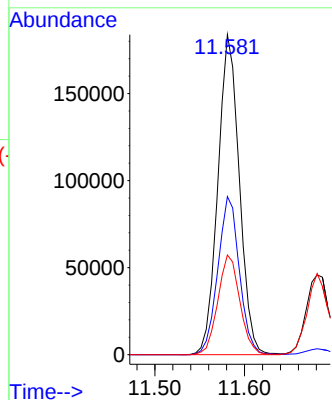
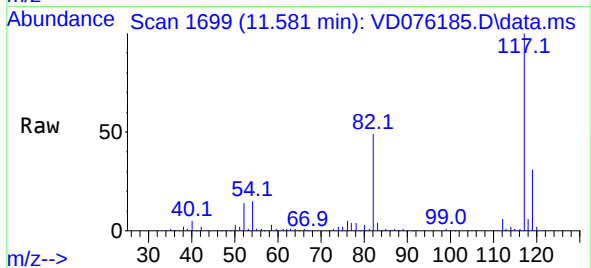




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

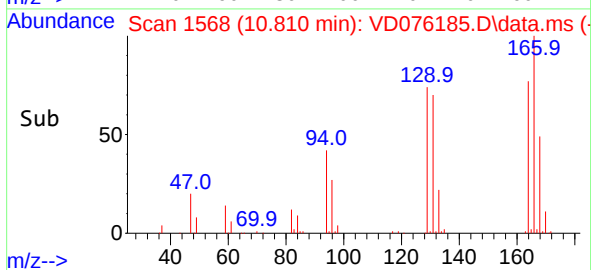
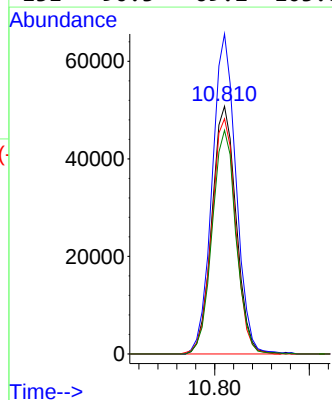
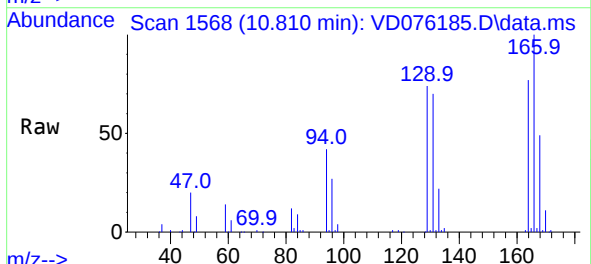
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

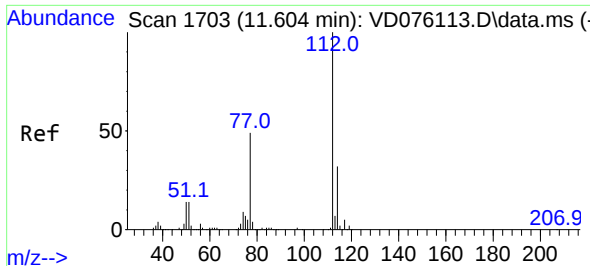
Tgt Ion:117 Resp: 305122
Ion Ratio Lower Upper
117 100
82 49.4 44.0 66.0
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 38.348 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:164 Resp: 89976
Ion Ratio Lower Upper
164 100
166 129.2 94.9 142.3
129 95.0 73.0 109.6
131 90.3 69.2 103.8

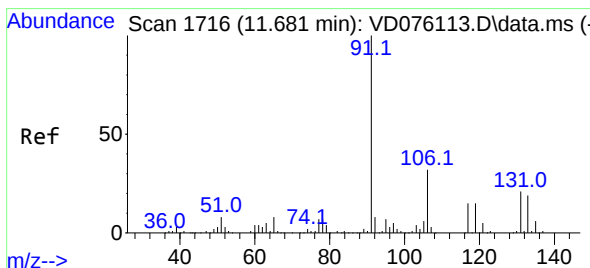
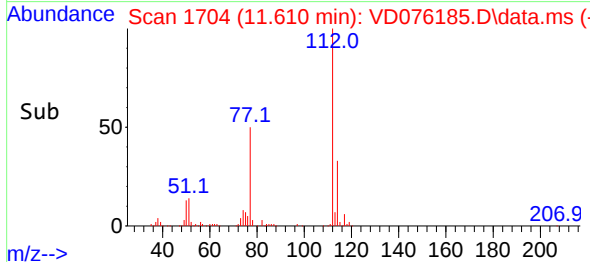
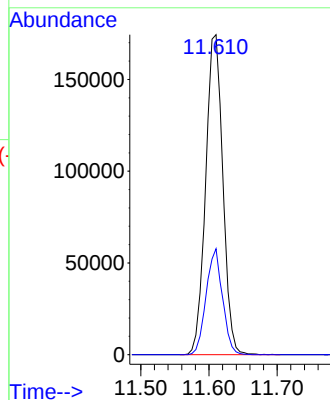
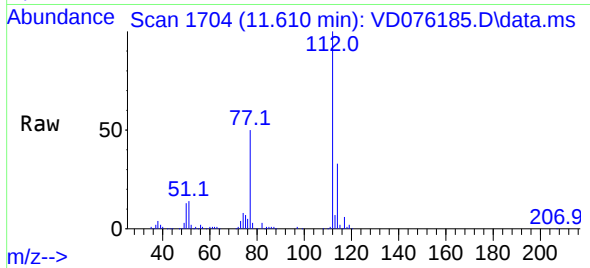




#65
Chlorobenzene
Concen: 44.069 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

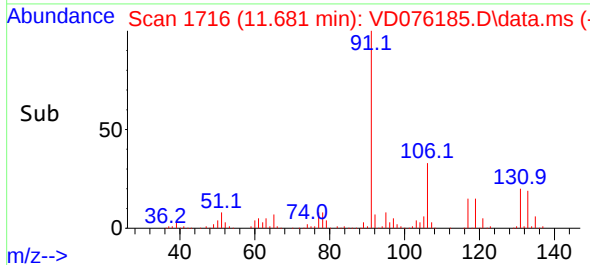
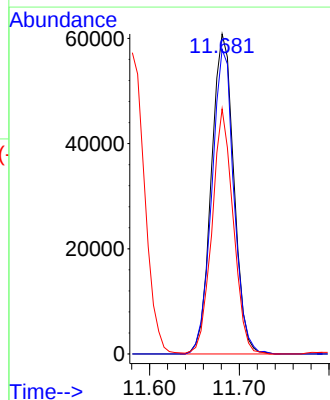
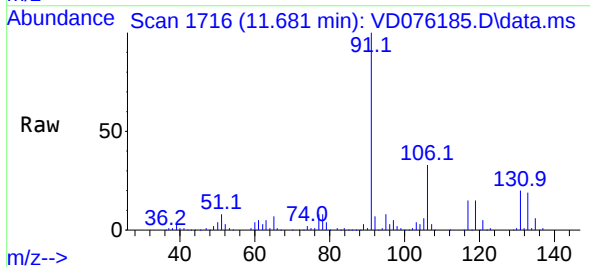
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

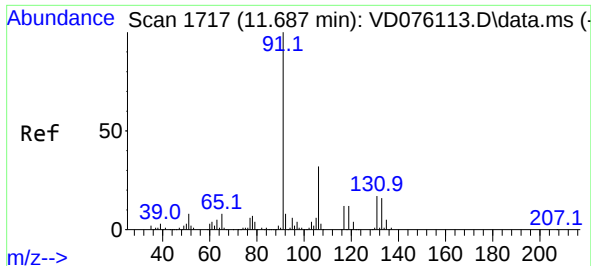
Tgt Ion:112 Resp: 306118
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 44.151 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:131 Resp: 105543
Ion Ratio Lower Upper
131 100
133 93.8 46.7 140.0
119 72.5 31.9 95.9

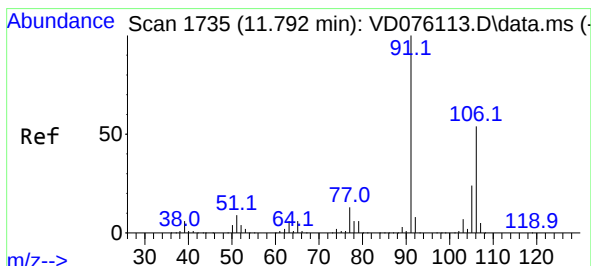
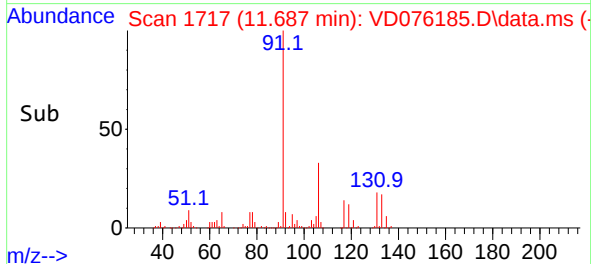
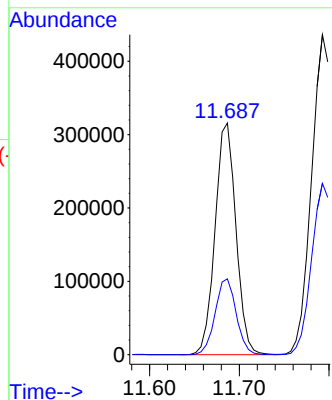
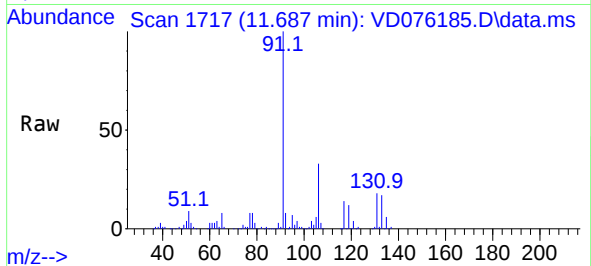




#67
Ethyl Benzene
Concen: 45.975 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

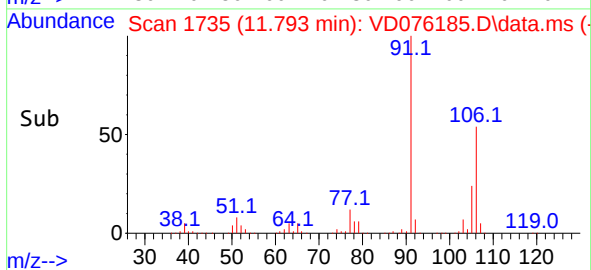
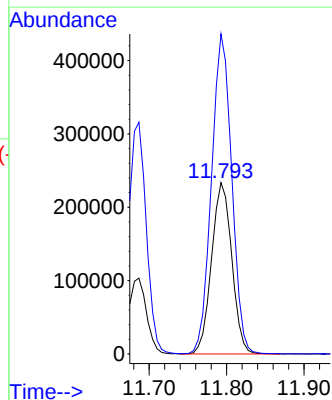
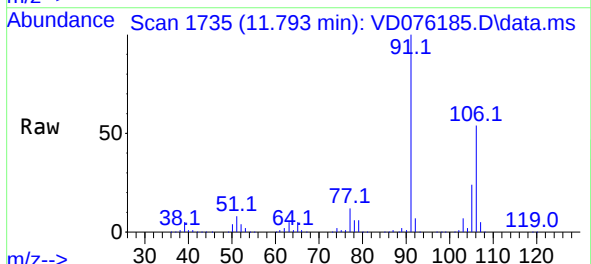
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

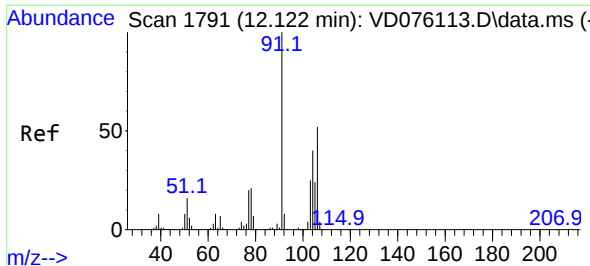
Tgt Ion: 91 Resp: 510302
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 93.378 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 106 Resp: 423603
Ion Ratio Lower Upper
106 100
91 187.1 161.5 242.3

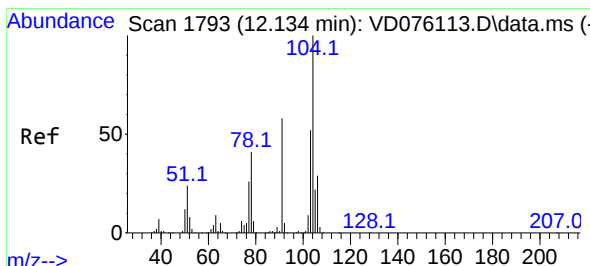
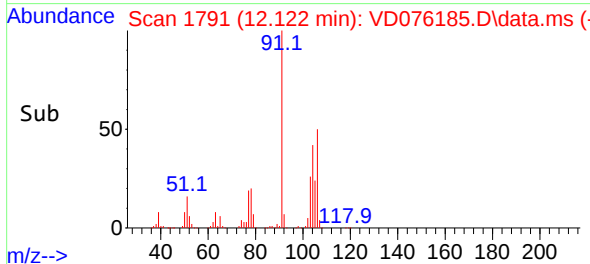
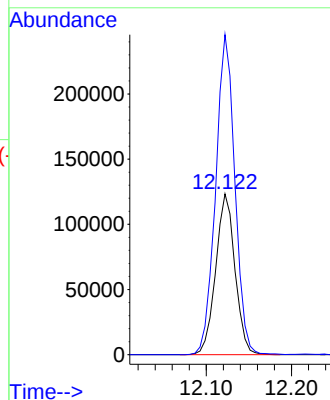
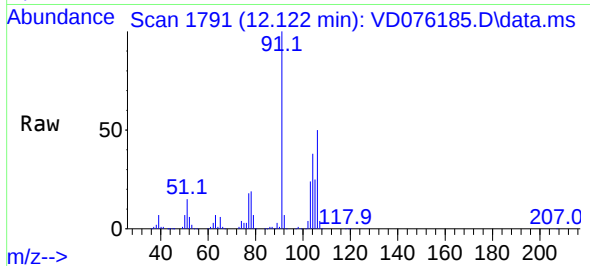




#69
o-Xylene
Concen: 46.950 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

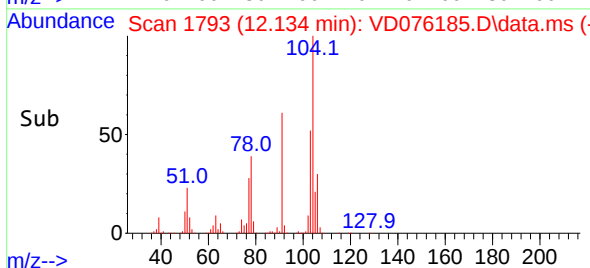
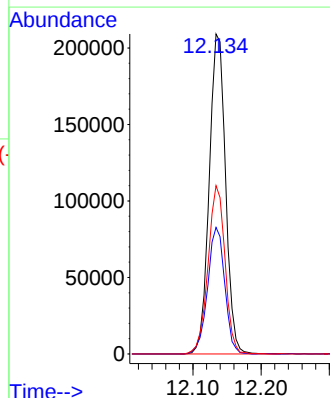
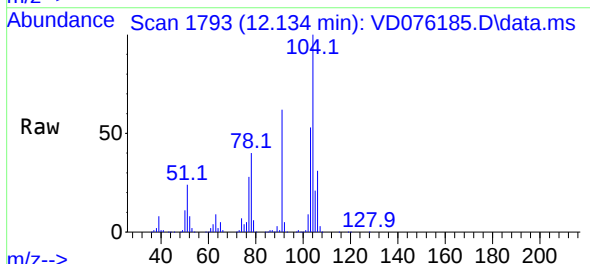
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

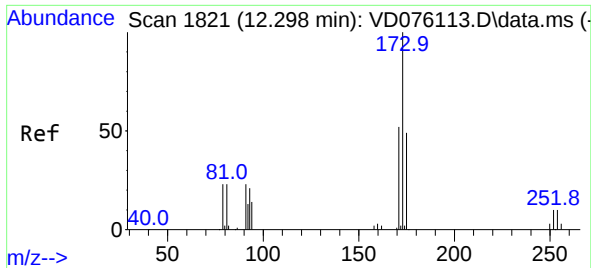
Tgt Ion:106 Resp: 194343
Ion Ratio Lower Upper
106 100
91 198.8 105.7 317.1



#70
Styrene
Concen: 48.604 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:104 Resp: 348815
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 54.7 44.2 66.2

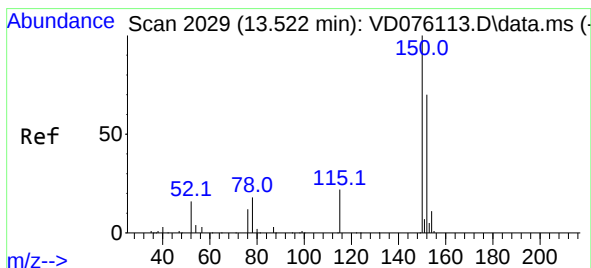
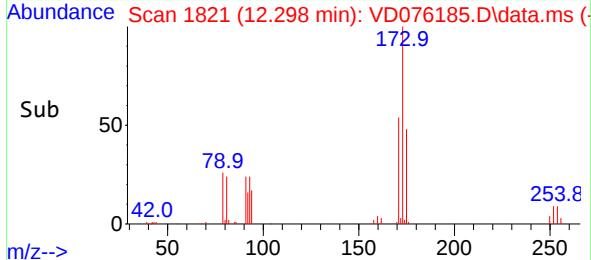
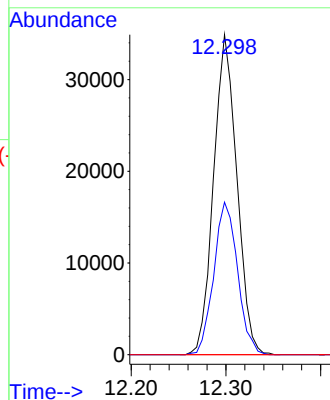
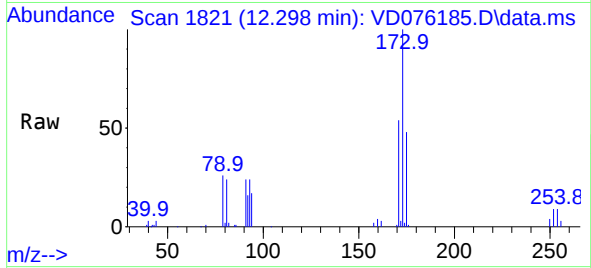




#71
Bromoform
Concen: 44.292 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

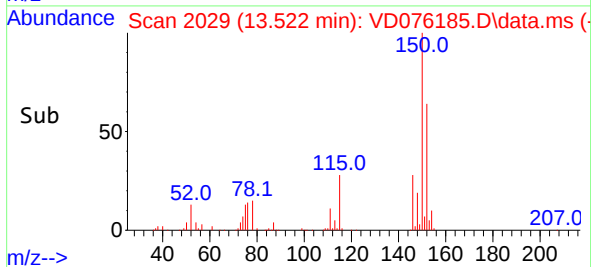
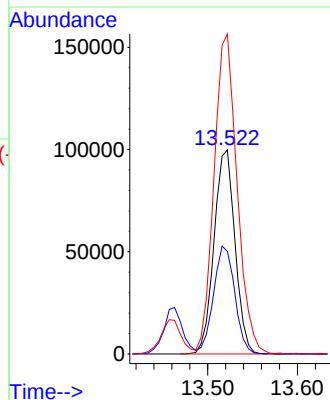
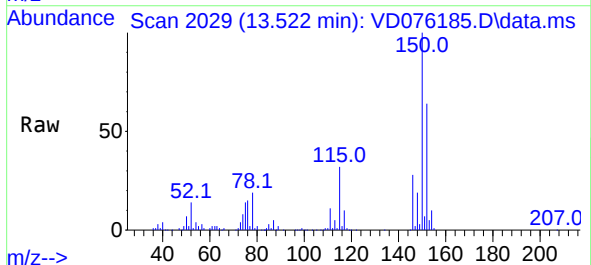
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

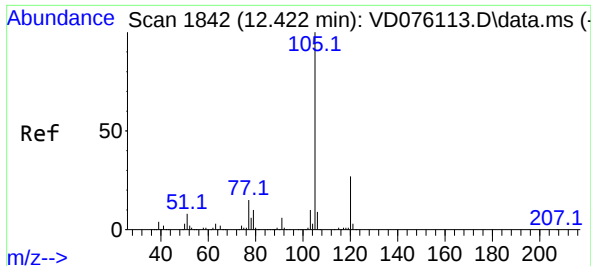
Tgt Ion:173 Resp: 59556
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:152 Resp: 161940
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 172.5 0.0 364.8

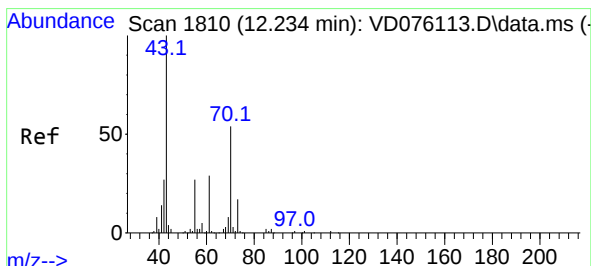
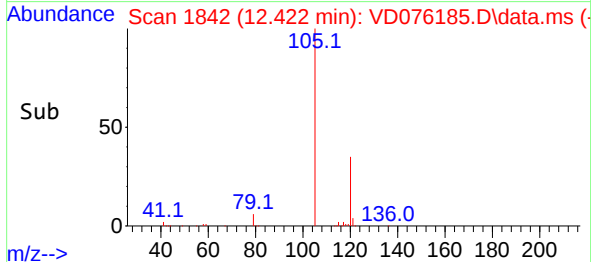
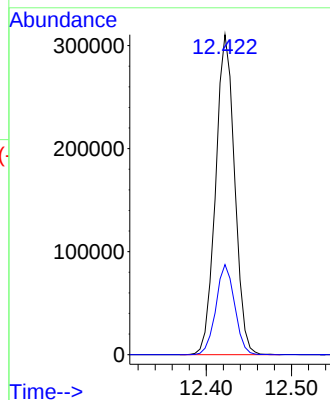
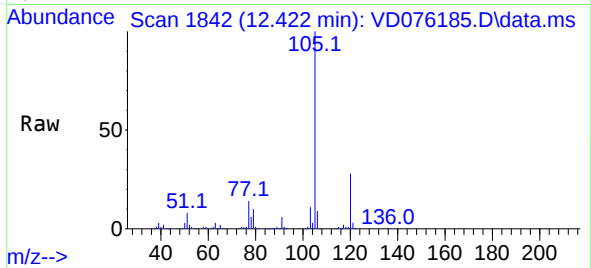




#73
Isopropylbenzene
Concen: 44.994 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

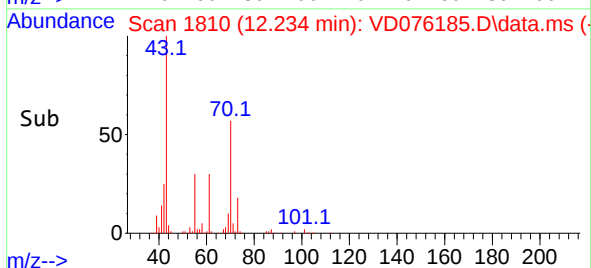
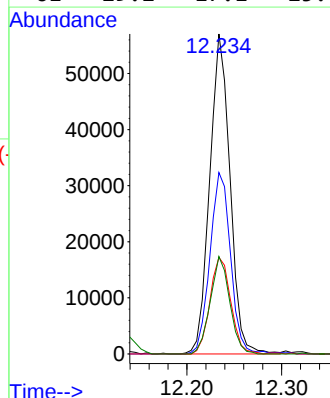
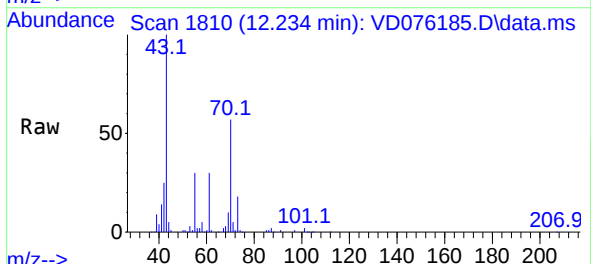
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

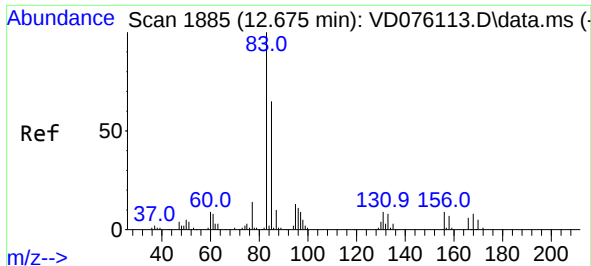
Tgt Ion:105 Resp: 481998
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 44.554 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 43 Resp: 85015
Ion Ratio Lower Upper
43 100
70 57.9 31.0 46.4#
55 30.9 18.6 28.0#
61 29.2 17.1 25.7#

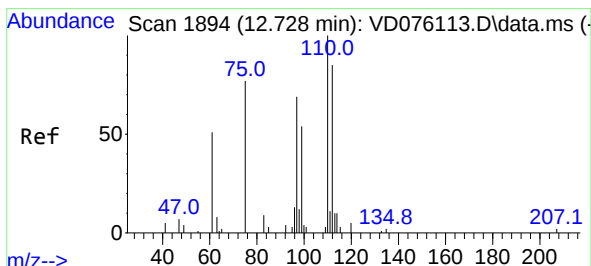
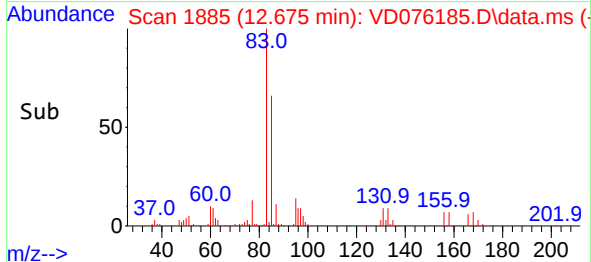
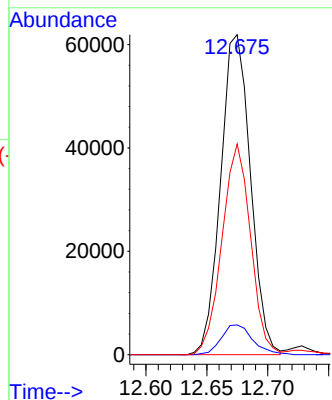
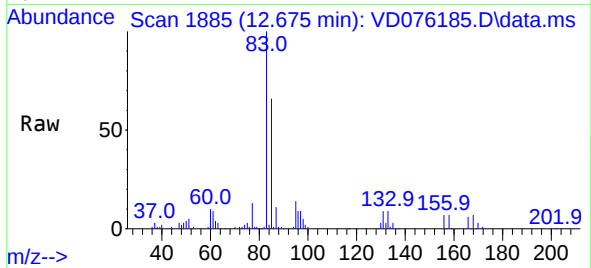




#75
1,1,2,2-Tetrachloroethane
Concen: 45.876 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

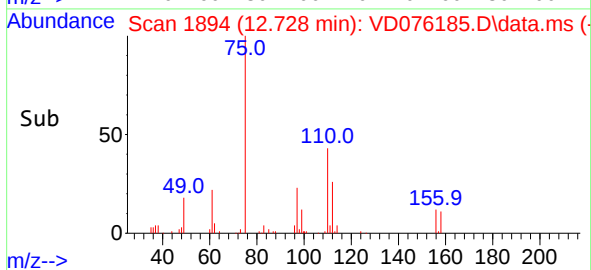
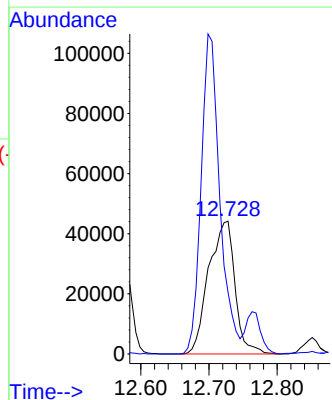
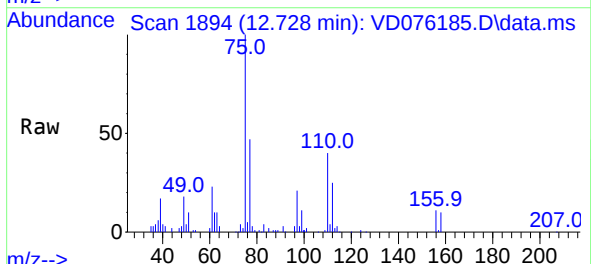
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

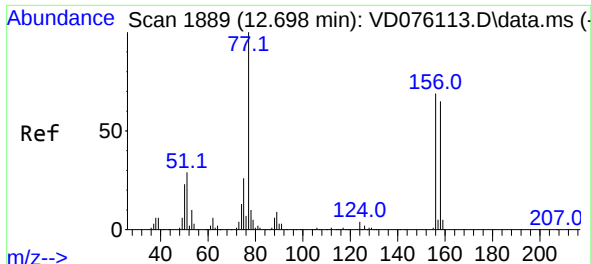
Tgt Ion: 83 Resp: 105625
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 63.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 83.686 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 75 Resp: 118593
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

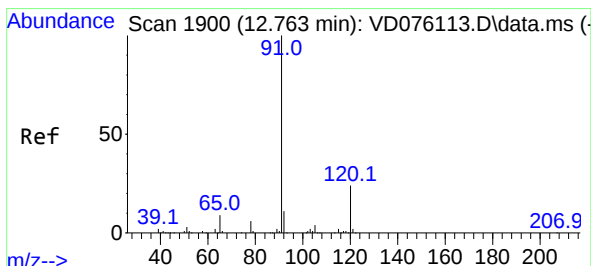
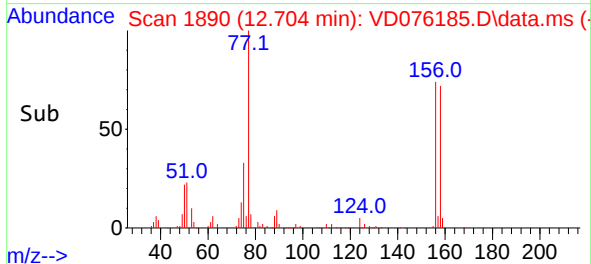
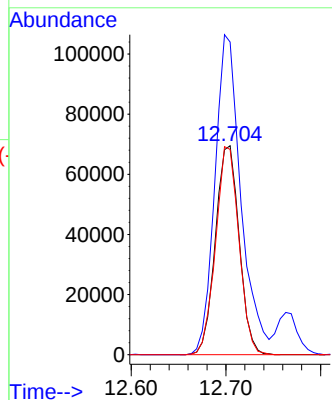
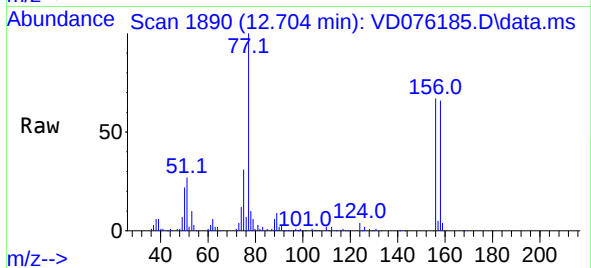




#77
Bromobenzene
Concen: 42.236 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

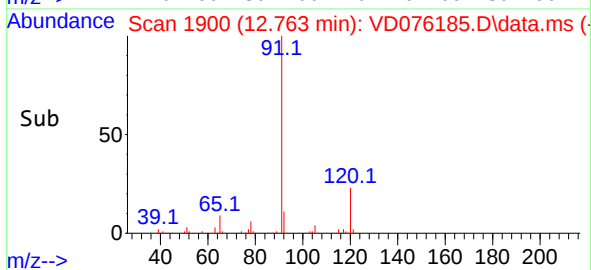
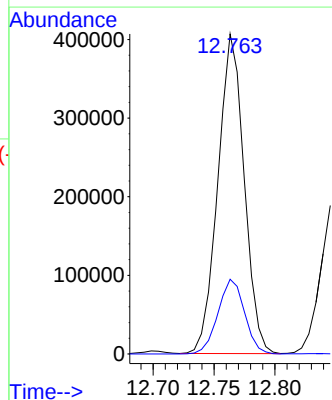
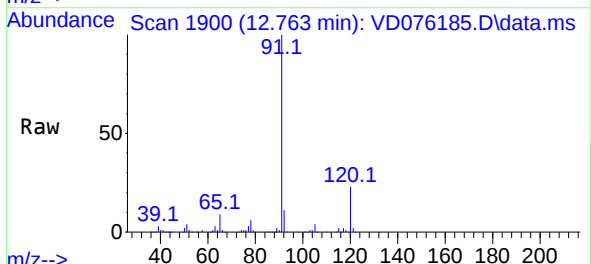
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

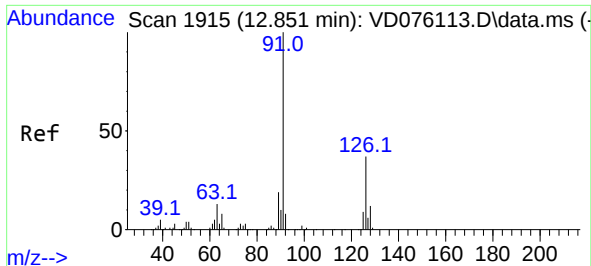
Tgt Ion:156 Resp: 121272
Ion Ratio Lower Upper
156 100
77 167.9 89.5 268.6
158 97.5 47.8 143.4



#78
n-propylbenzene
Concen: 45.755 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 91 Resp: 610102
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2

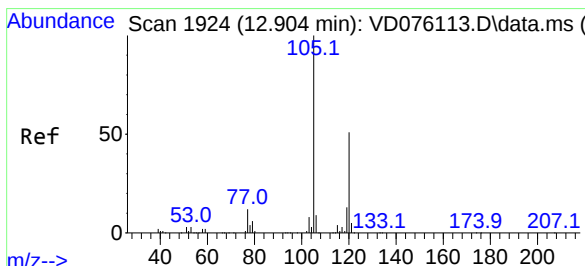
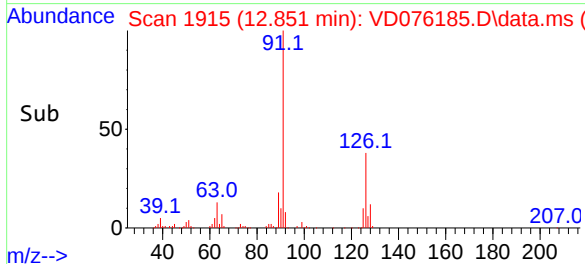
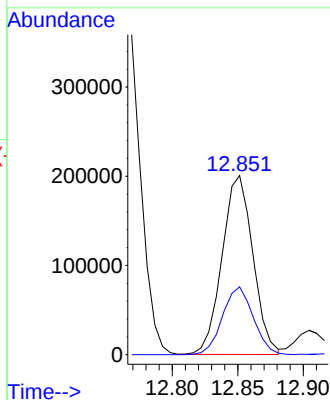
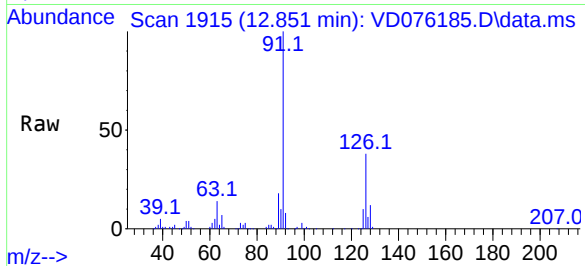




#79
2-Chlorotoluene
Concen: 44.433 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

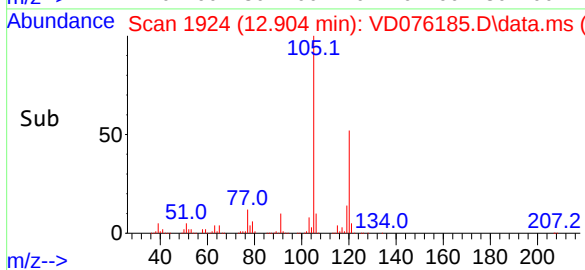
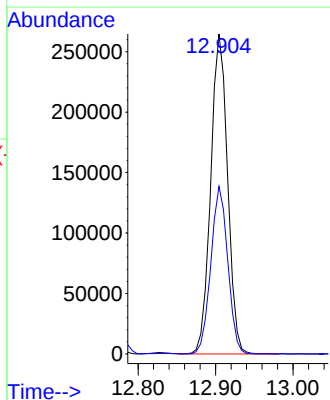
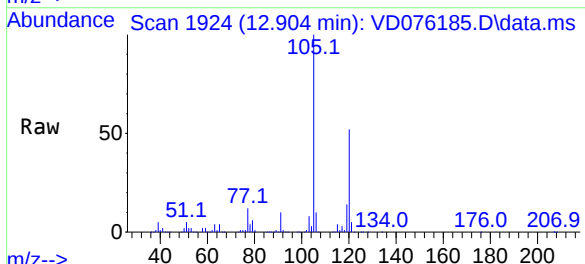
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

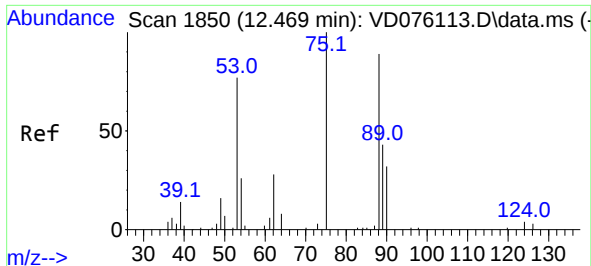
Tgt Ion: 91 Resp: 327903
Ion Ratio Lower Upper
91 100
126 37.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 45.059 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 105 Resp: 400153
Ion Ratio Lower Upper
105 100
120 52.4 24.3 72.8

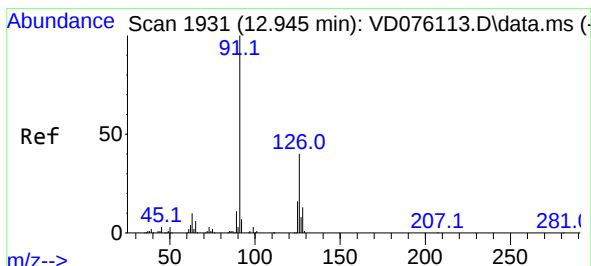
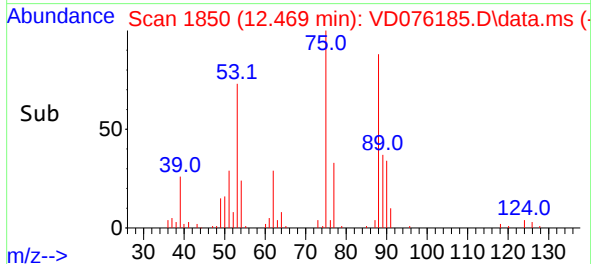
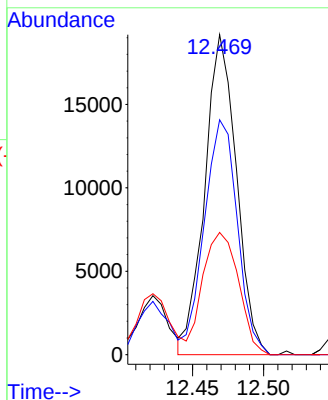
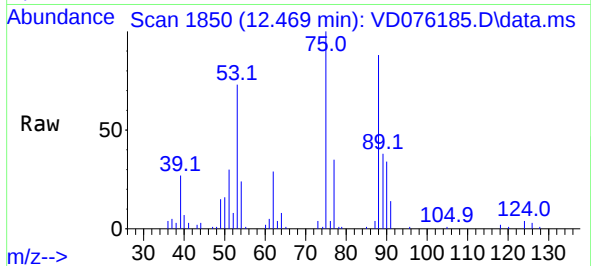




#81
trans-1,4-Dichloro-2-butene
Concen: 43.976 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

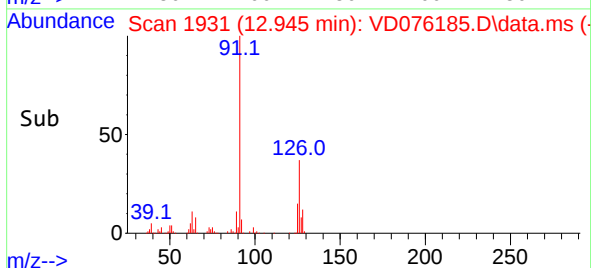
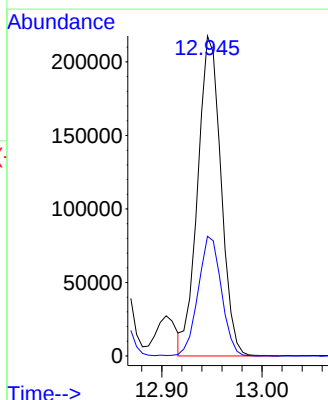
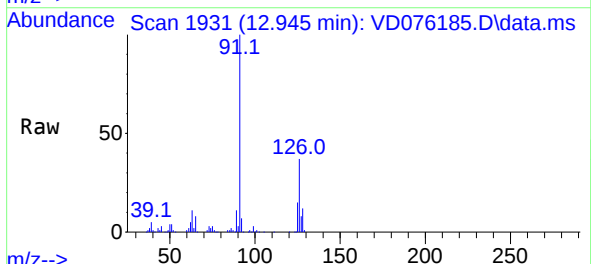
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

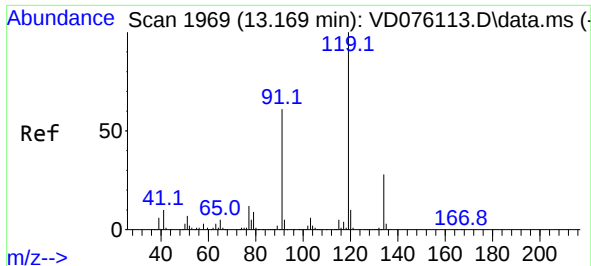
Tgt Ion: 75 Resp: 29706
Ion Ratio Lower Upper
75 100
53 76.9 90.5 135.7#
89 43.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 44.791 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 91 Resp: 351593
Ion Ratio Lower Upper
91 100
126 37.3 17.1 51.2

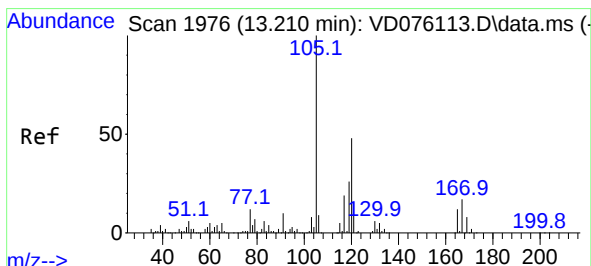
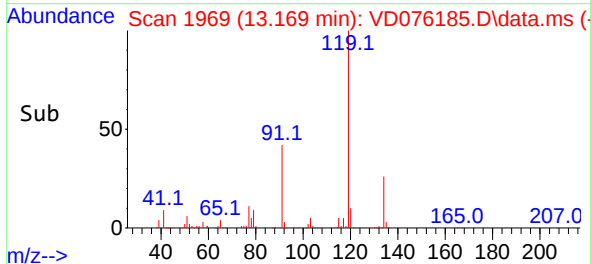
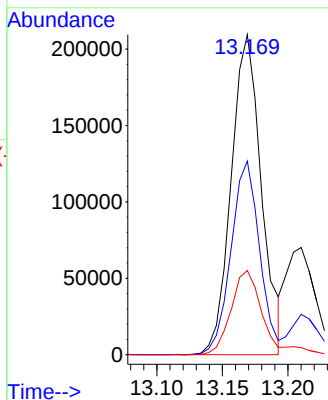
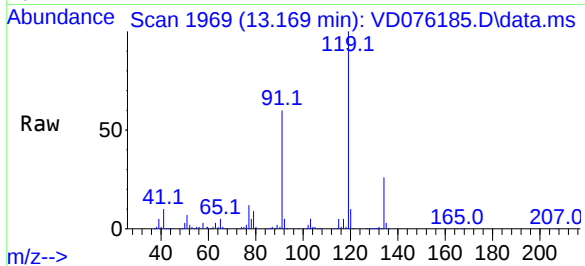




#83
tert-Butylbenzene
Concen: 44.768 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

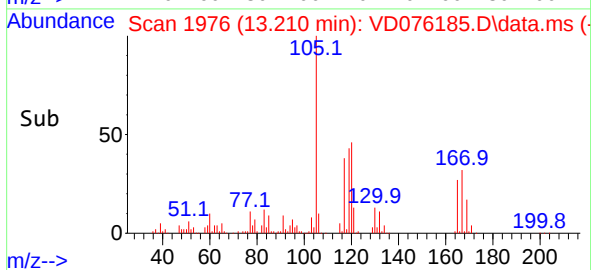
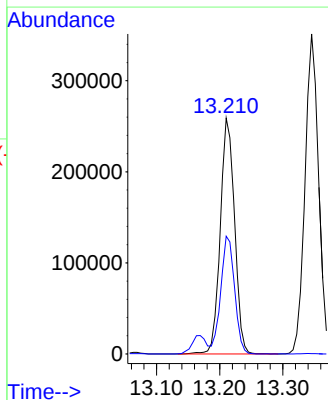
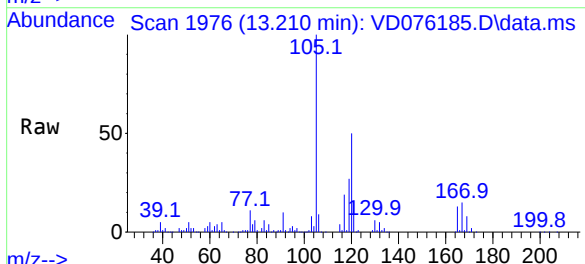
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

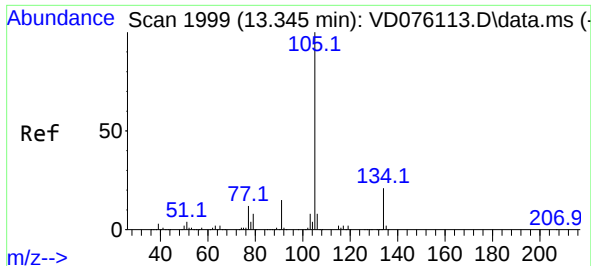
Tgt Ion:119 Resp: 335992
Ion Ratio Lower Upper
119 100
91 57.2 32.4 97.0
134 27.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 46.093 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:105 Resp: 407653
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9

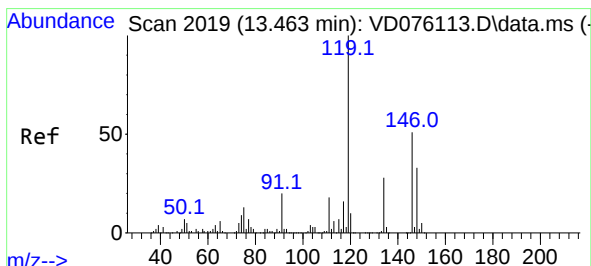
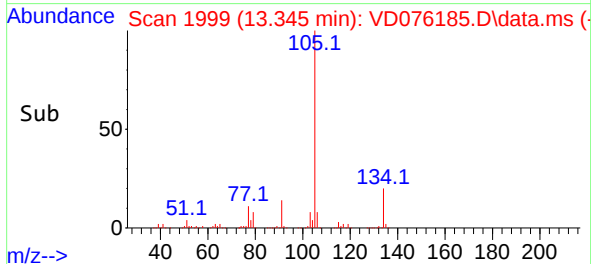
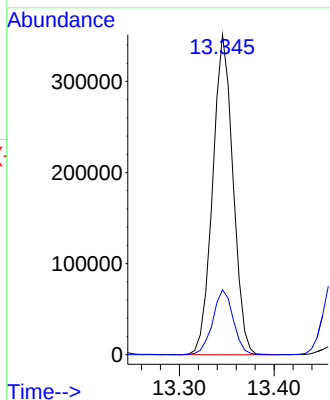
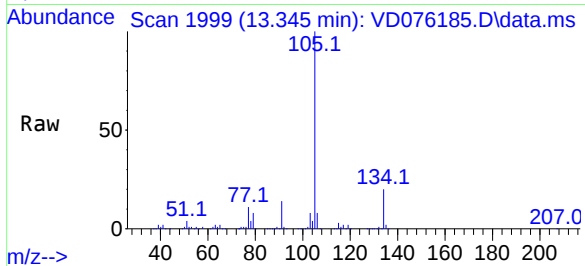




#85
 sec-Butylbenzene
 Concen: 44.796 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

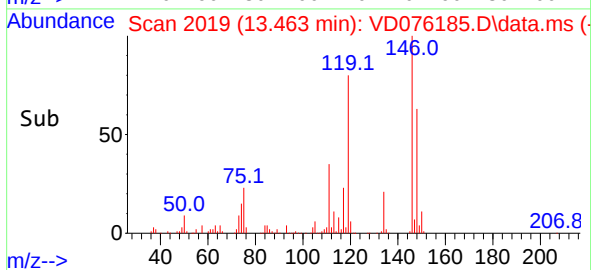
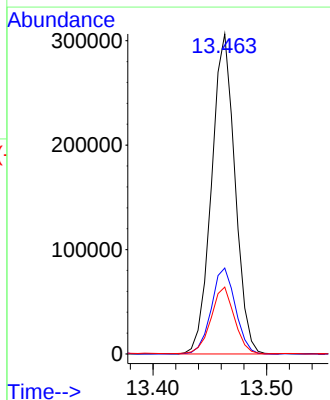
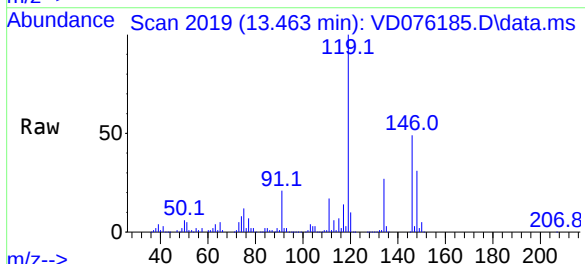
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

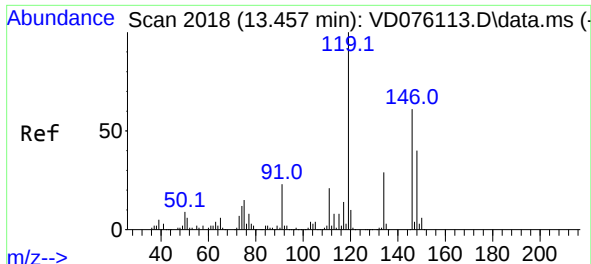
Tgt Ion:105 Resp: 523963
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 45.840 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076185.D
 Acq: 22 May 2023 19:52

Tgt Ion:119 Resp: 438719
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 20.8 12.4 37.4

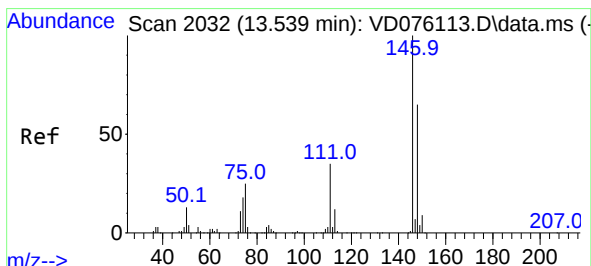
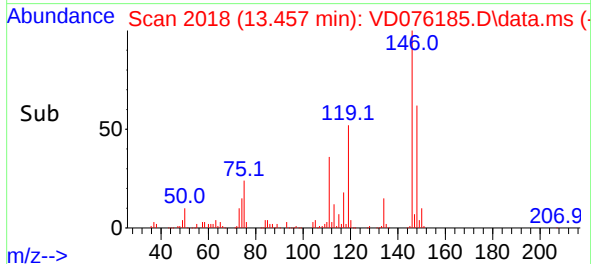
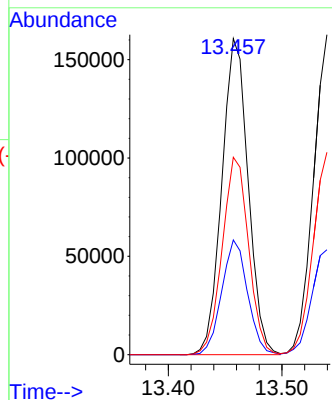
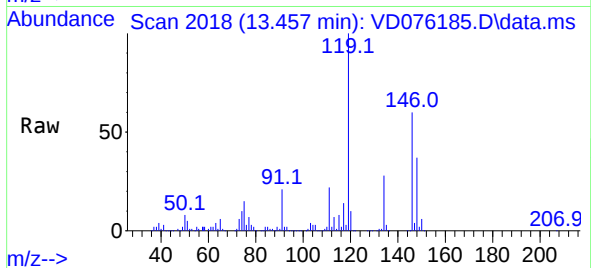




#87
1,3-Dichlorobenzene
Concen: 44.497 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

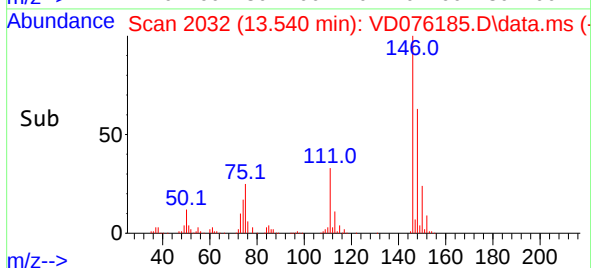
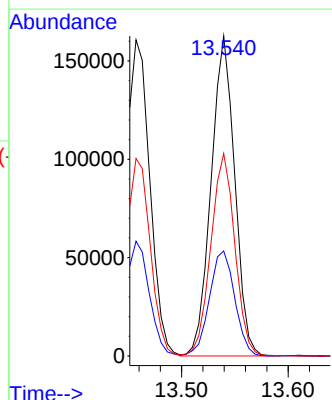
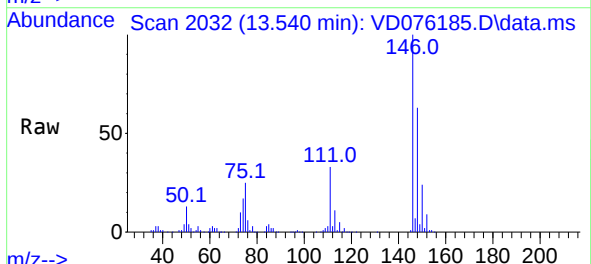
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

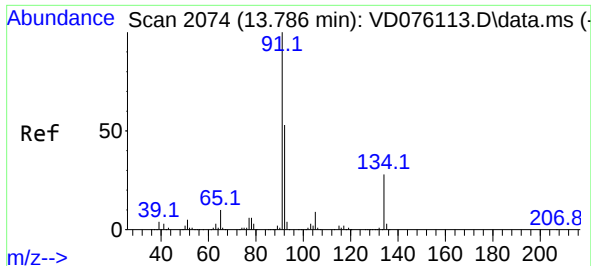
Tgt Ion:146 Resp: 258322
Ion Ratio Lower Upper
146 100
111 35.8 19.8 59.3
148 62.8 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 43.560 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:146 Resp: 250397
Ion Ratio Lower Upper
146 100
111 35.2 19.6 58.8
148 64.4 31.7 95.1

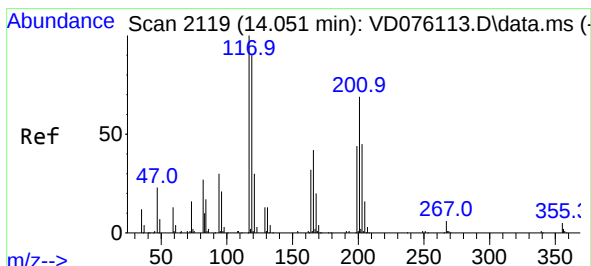
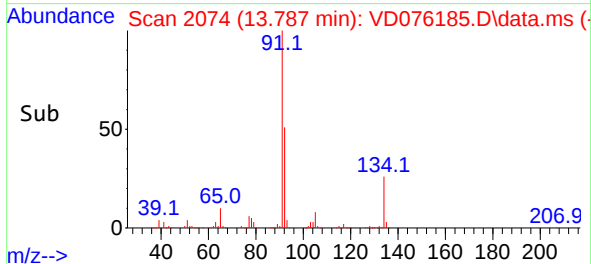
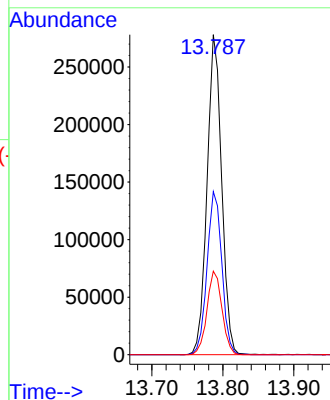
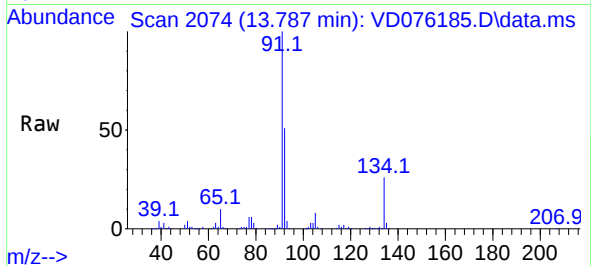




#89
n-Butylbenzene
Concen: 44.106 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

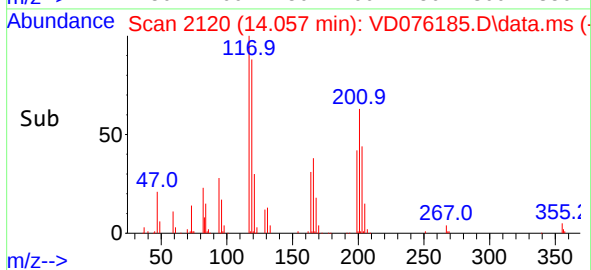
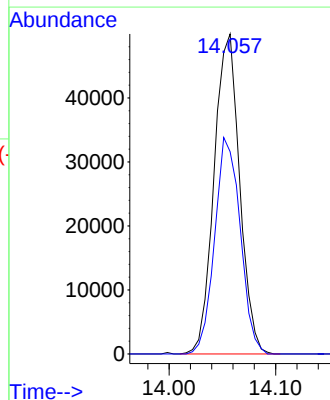
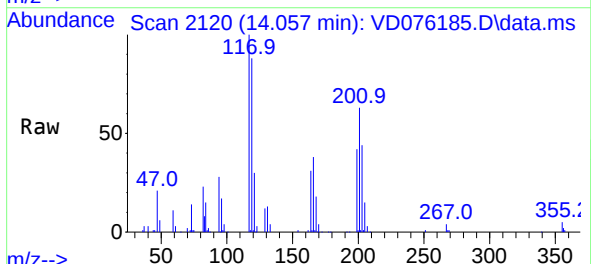
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

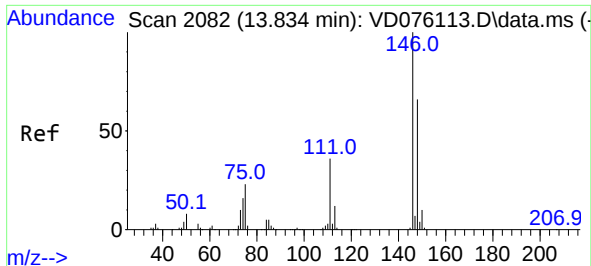
Tgt Ion: 91 Resp: 397802
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 42.281 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion: 117 Resp: 83236
Ion Ratio Lower Upper
117 100
201 67.6 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 44.164 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

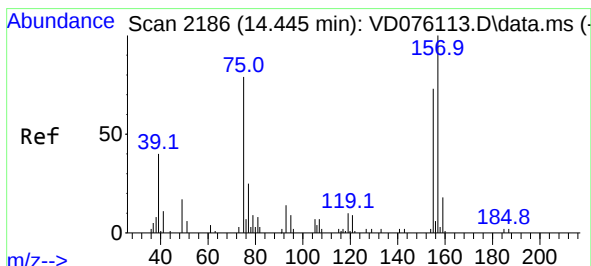
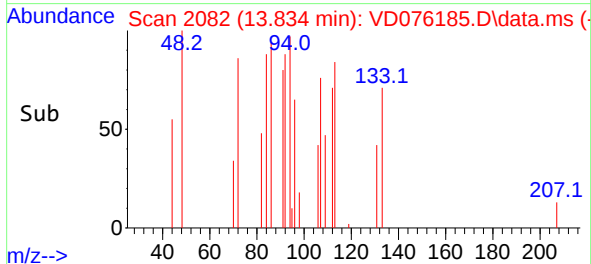
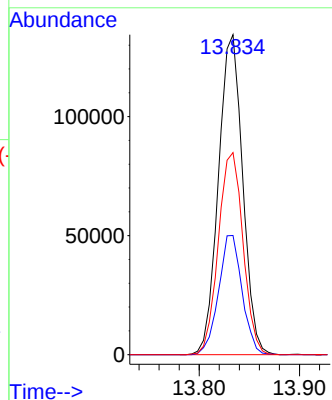
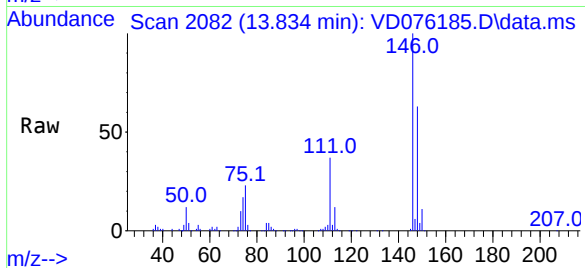
Tgt Ion:146 Resp: 224999

Ion Ratio Lower Upper

146 100

111 36.2 20.6 61.8

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.717 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076185.D

Acq: 22 May 2023 19:52

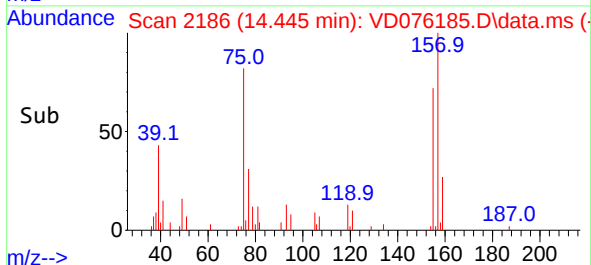
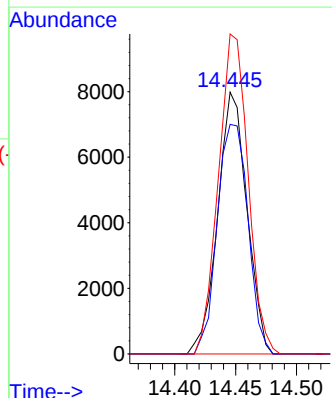
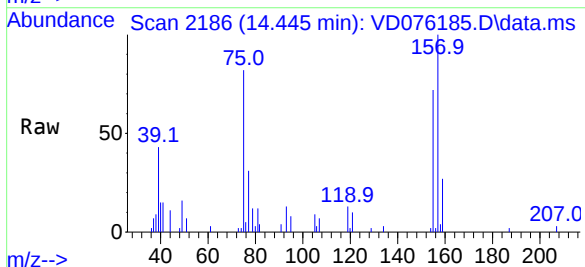
Tgt Ion: 75 Resp: 13368

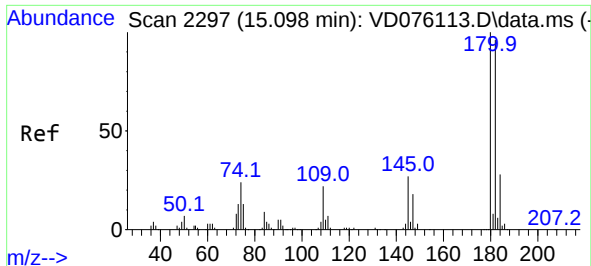
Ion Ratio Lower Upper

75 100

155 92.2 39.5 118.5

157 123.9 53.5 160.7

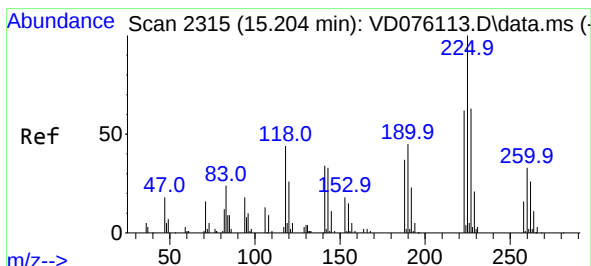
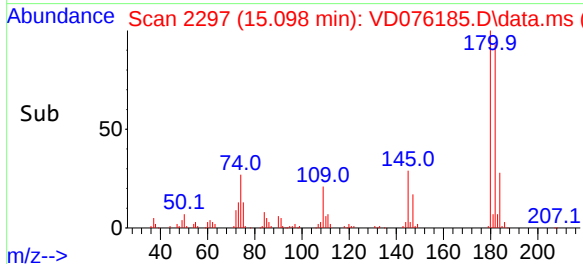
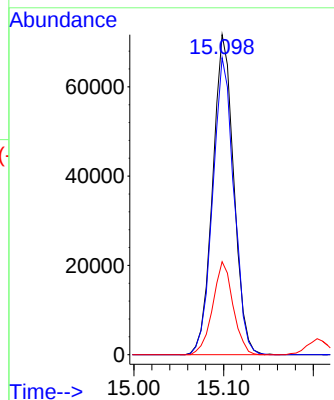
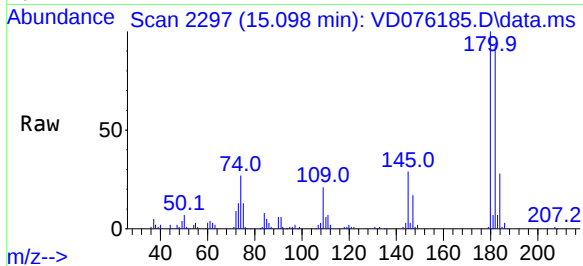




#93
1,2,4-Trichlorobenzene
Concen: 39.412 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

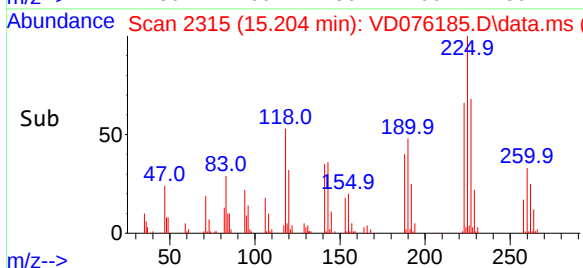
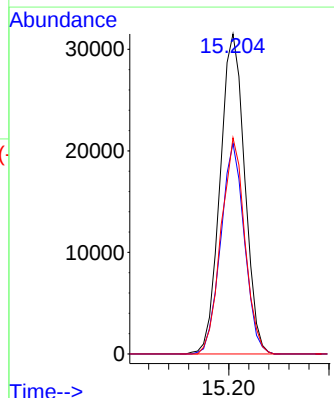
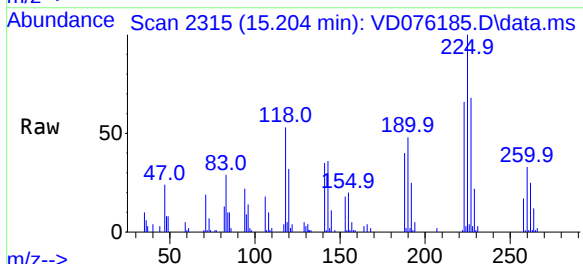
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

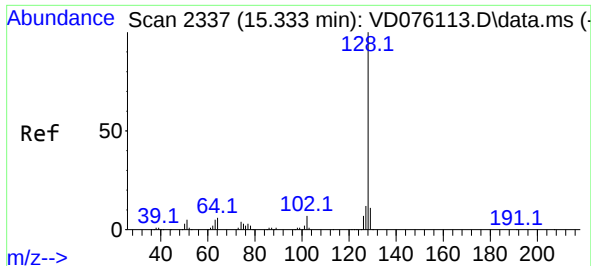
Tgt Ion:180 Resp: 116794
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.7
145 28.1 15.9 47.7



#94
Hexachlorobutadiene
Concen: 35.330 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:225 Resp: 53382
Ion Ratio Lower Upper
225 100
223 63.3 33.1 99.2
227 65.1 31.9 95.9

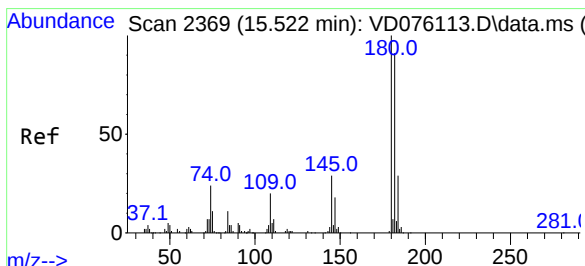
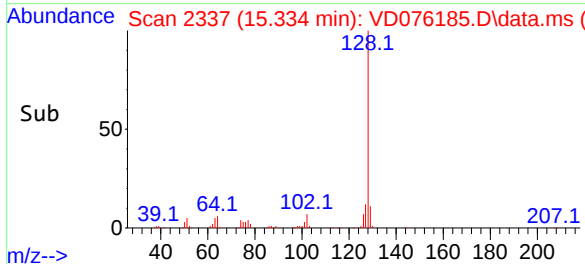
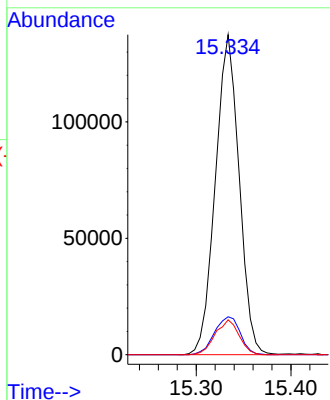
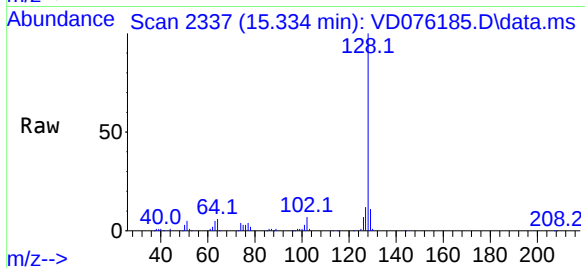




#95
Naphthalene
Concen: 43.488 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	239455
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 39.068 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076185.D
Acq: 22 May 2023 19:52

Tgt Ion:	180	Resp:	105292
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.7	143.1
145	30.8	16.4	49.4

