

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076075.D
 Acq On : 11 May 2023 12:32
 Operator : KP/SY
 Sample : VSTD100
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100150

Quant Time: May 12 01:49:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	426509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	387336	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	210030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	514563	78.864	ug/L	0.00
7) Chloroethane-d5	2.793	69	484909	80.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	137698	83.833	ug/L	0.00
21) 2-Butanone-d5	6.987	46	186840	210.358	ug/L	0.00
24) Chloroform-d	7.569	84	768495	86.005	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	333218	84.805	ug/L	0.00
32) Benzene-d6	8.199	84	1509709	86.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	464526	86.331	ug/L	0.00
41) Toluene-d8	10.269	98	1406521	90.381	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	183502	90.850	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	176124	223.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	420252	90.695	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	528365	88.063	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	535720	100.427	ug/L	100
3) Chloromethane	2.146	50	723435	95.400	ug/L	99
5) Vinyl chloride	2.281	62	953410	98.483	ug/L	98
6) Bromomethane	2.687	94	604648	100.684	ug/L	100
8) Chloroethane	2.828	64	605648	97.498	ug/L	97
9) Trichlorofluoromethane	3.169	101	777502	98.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	554715	98.253	ug/L	96
12) 1,1-Dichloroethene	3.934	96	540603	106.836	ug/L	87
13) Acetone	4.016	43	153160	194.986	ug/L	95
14) Carbon disulfide	4.263	76	1575819	100.014	ug/L	99
15) Methyl Acetate	4.563	43	168494	99.424	ug/L #	62
16) Methylene chloride	4.799	84	572906	82.608	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	562770	103.874	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	1091747	113.551	ug/L	99
19) 1,1-Dichloroethane	6.110	63	900454	97.510	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	640954	106.711	ug/L	92
22) 2-Butanone	7.081	43	236910	215.997	ug/L	93
23) Bromochloromethane	7.422	128	284489	96.898	ug/L #	90
25) Chloroform	7.593	83	948675	96.213	ug/L	98
27) 1,2-Dichloroethane	8.328	62	508511	97.866	ug/L	99
29) Cyclohexane	7.875	56	758087	117.989	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	770676	97.945	ug/L	99
31) Carbon tetrachloride	7.993	117	639515	103.171	ug/L	97
33) Benzene	8.252	78	2188968	101.651	ug/L	100
34) Trichloroethene	9.028	95	558210	100.427	ug/L	99
35) Methylcyclohexane	9.275	83	949086	112.699	ug/L	97
37) 1,2-Dichloropropane	9.304	63	541999	98.679	ug/L	99
38) Bromodichloromethane	9.587	83	677756	96.309	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	871062	110.099	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	501524	226.538	ug/L	98
42) Toluene	10.334	91	2429146	105.665	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	703217	106.523	ug/L	100

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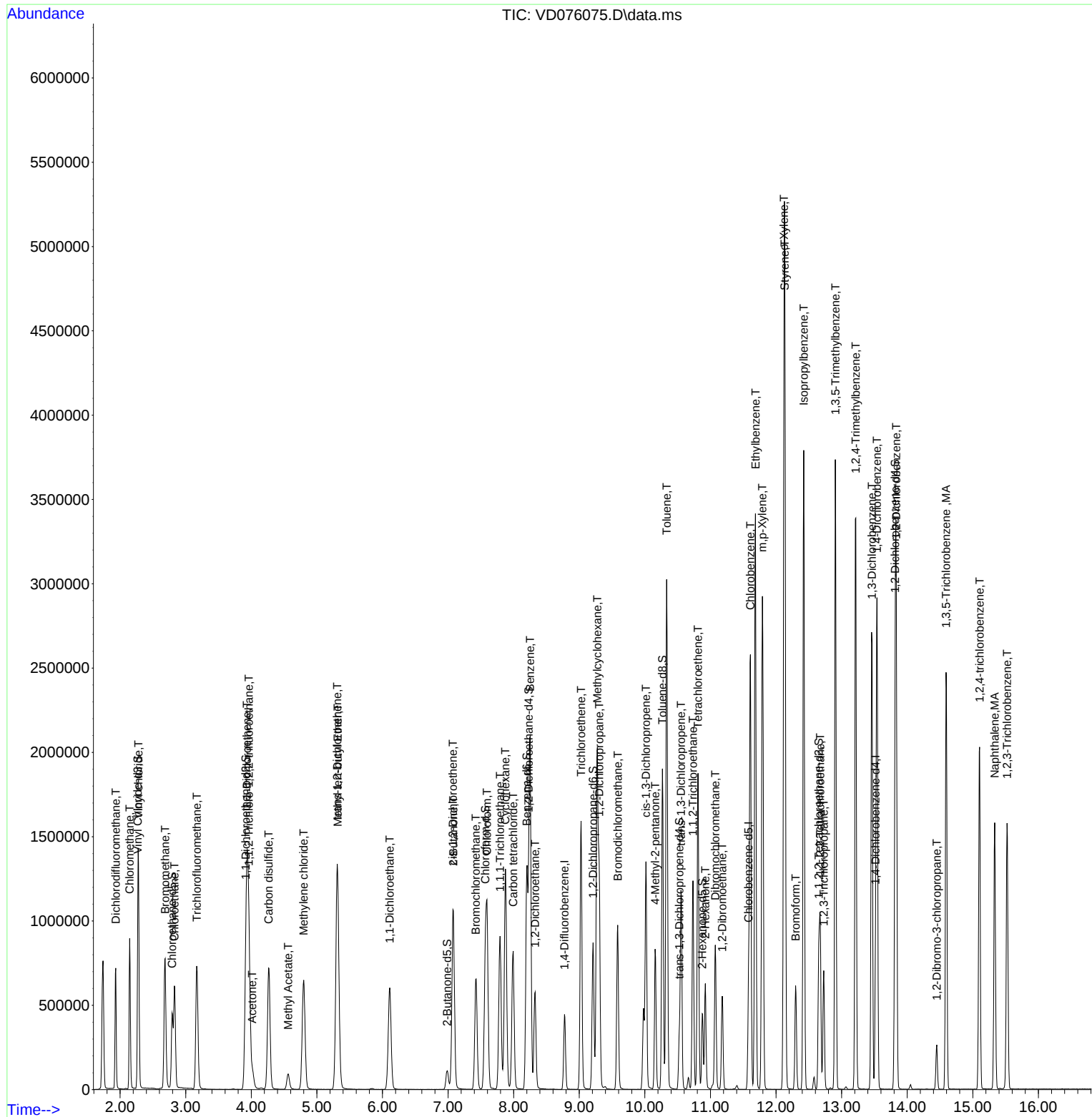
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	421551	95.050	ug/L	94
46) Tetrachloroethene	10.810	164	466158	100.386	ug/L	97
48) 2-Hexanone	10.922	43	358804	223.340	ug/L	94
49) Dibromochloromethane	11.075	129	466207	97.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	383563	97.927	ug/L	96
51) Chlorobenzene	11.610	112	1537266	98.249	ug/L	98
52) Ethylbenzene	11.687	91	2594679	108.794	ug/L	99
53) m,p-Xylene	11.793	106	1018174	109.480	ug/L	97
54) o-Xylene	12.122	106	984932	111.669	ug/L	98
55) Styrene	12.134	104	1742617	111.520	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	483388	97.359	ug/L	98
59) Bromoform	12.298	173	284106	93.086	ug/L	98
60) Isopropylbenzene	12.422	105	2542085	106.598	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	306993	90.872	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	2003728	109.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	1914673	109.422	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	1227293	99.125	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	1234422	95.838	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	1123137	99.452	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	69504	102.555	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	818417	104.028	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	710563	114.121	ug/L	99
71) Naphthalene	15.334	128	1395882	119.302	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	590047	104.210	ug/L	99

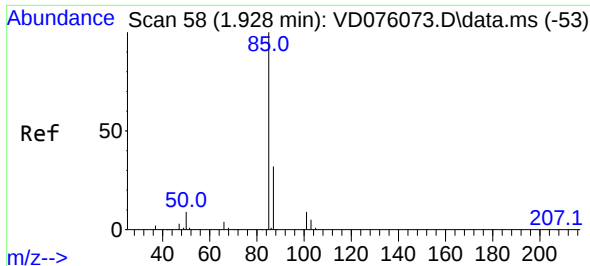
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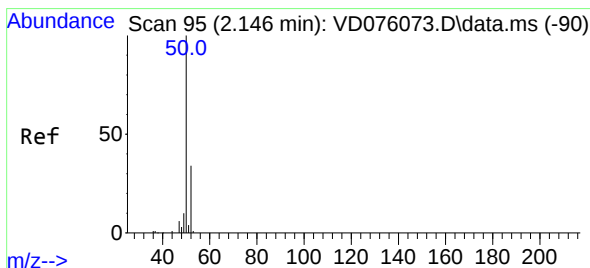
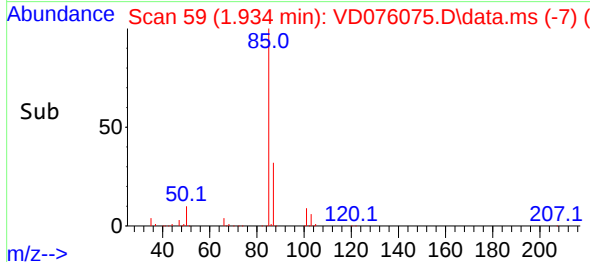
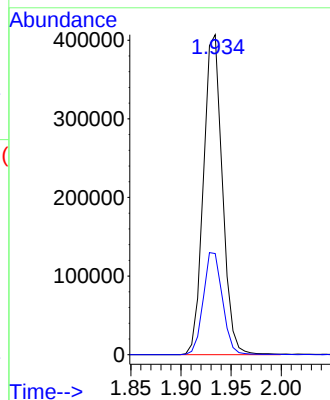
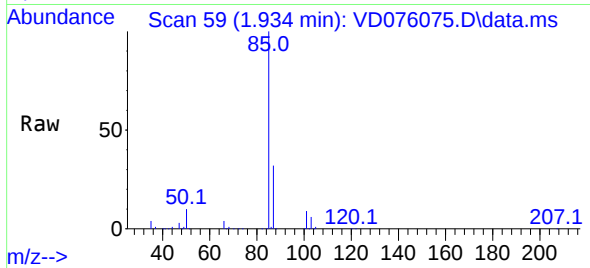




#2
Dichlorodifluoromethane
Concen: 100.427 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

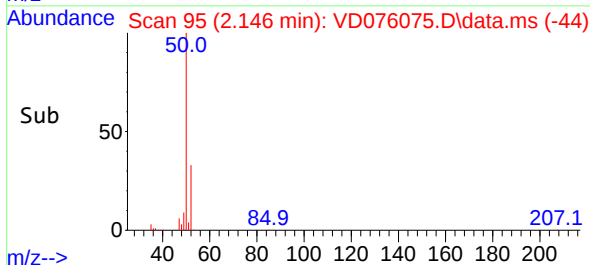
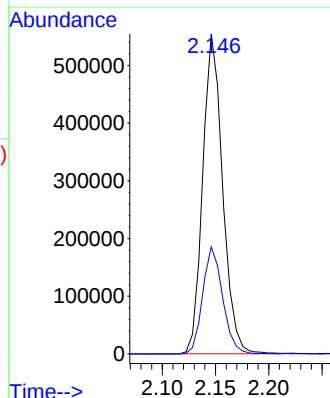
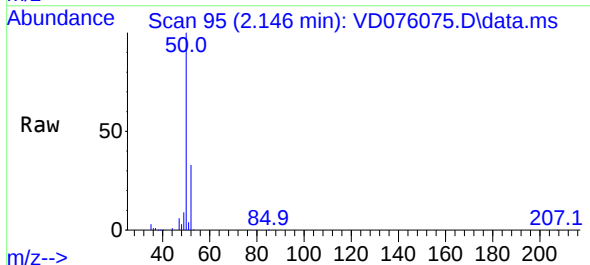
Instrument :
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ClientSampleId :
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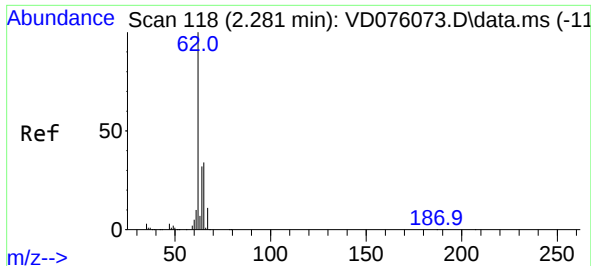
Tgt Ion: 85 Resp: 535720
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 95.400 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 50 Resp: 723435
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

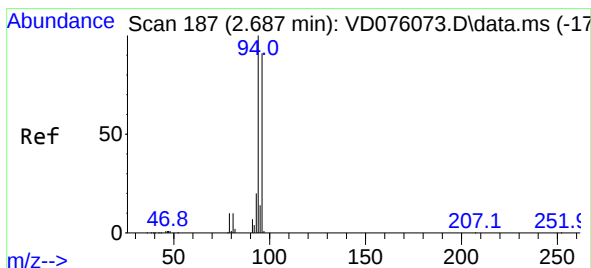
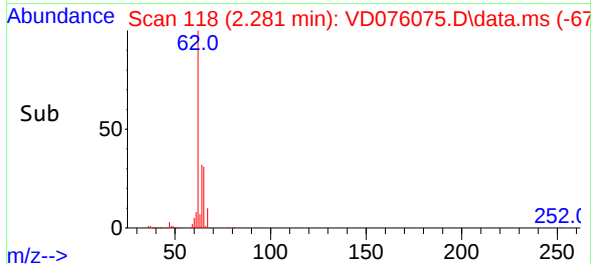
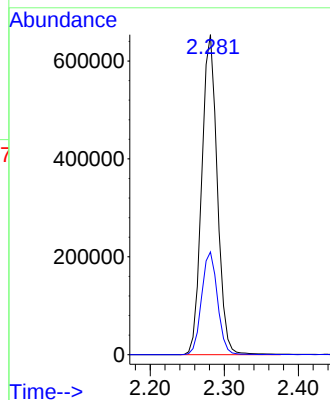
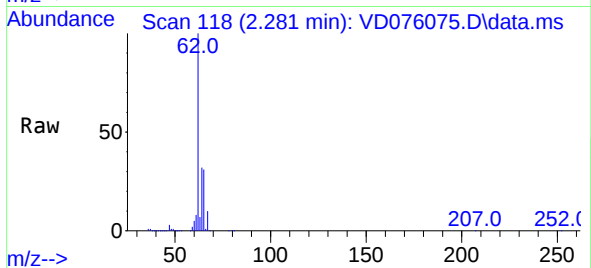




#5
Vinyl chloride
Concen: 98.483 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

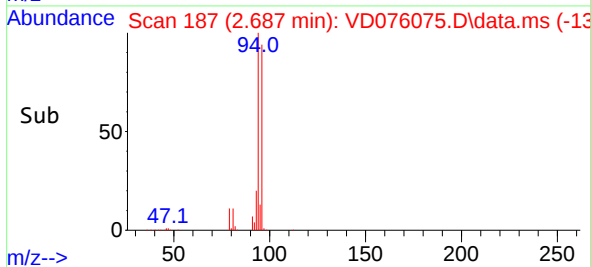
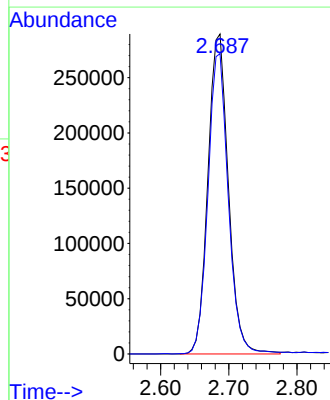
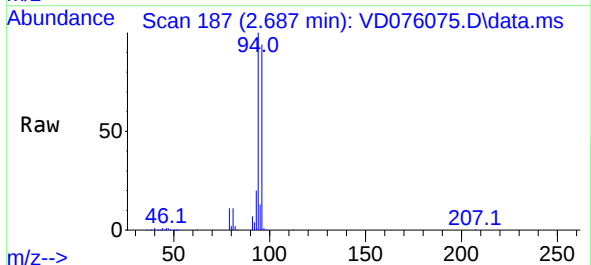
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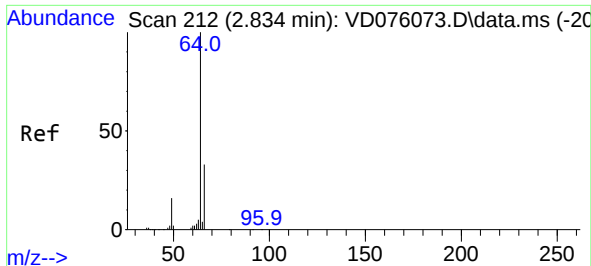
Tgt Ion: 62 Resp: 953410
Ion Ratio Lower Upper
62 100
64 32.1 23.2 43.0



#6
Bromomethane
Concen: 100.684 ug/L
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 94 Resp: 604648
Ion Ratio Lower Upper
94 100
96 93.9 65.7 121.9

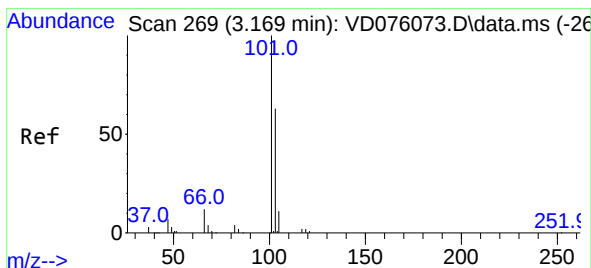
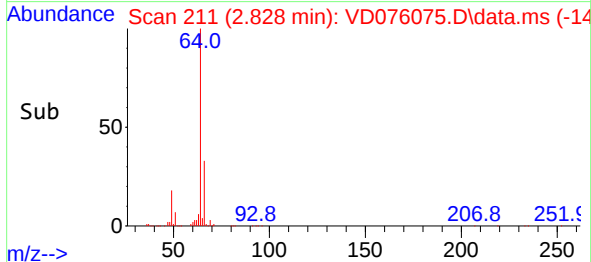
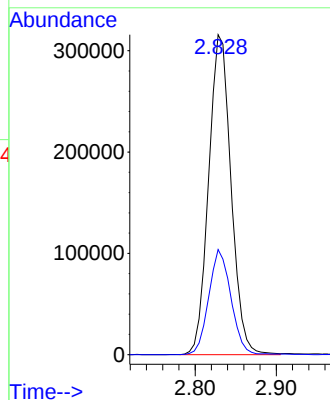
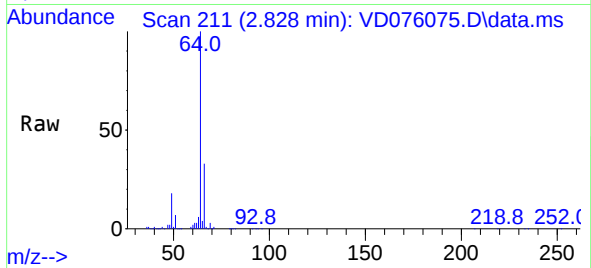




#8
Chloroethane
Concen: 97.498 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

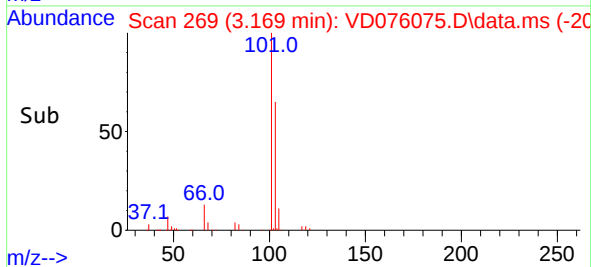
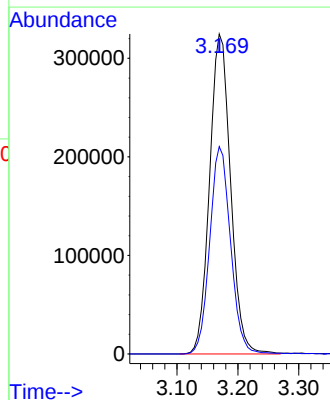
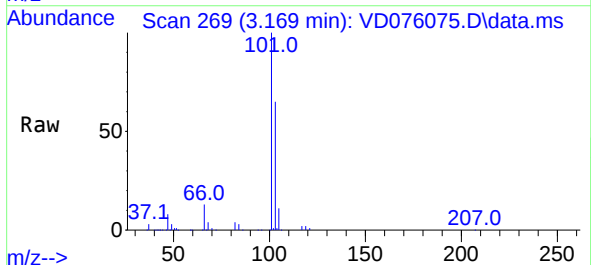
Instrument :
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VSTD100150

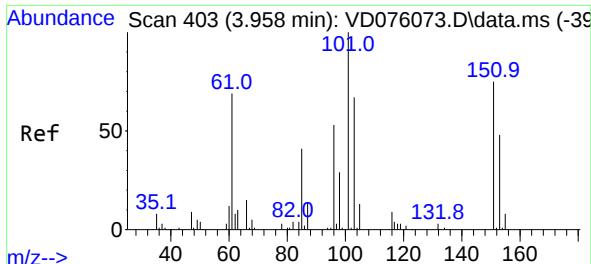
Tgt Ion: 64 Resp: 605648
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 98.101 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 101 Resp: 777502
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

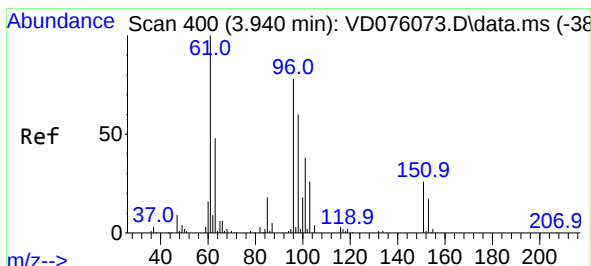
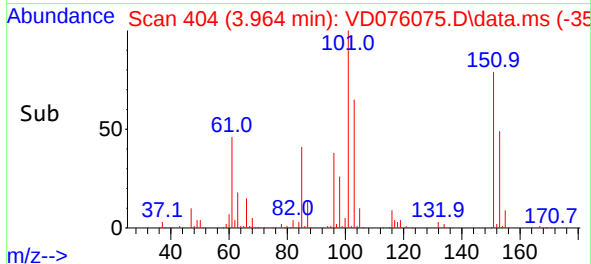
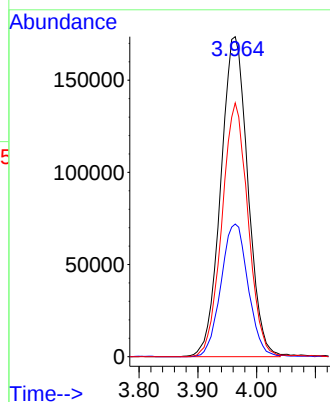
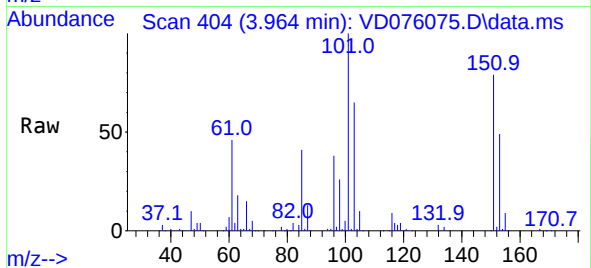




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 98.253 ug/L
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

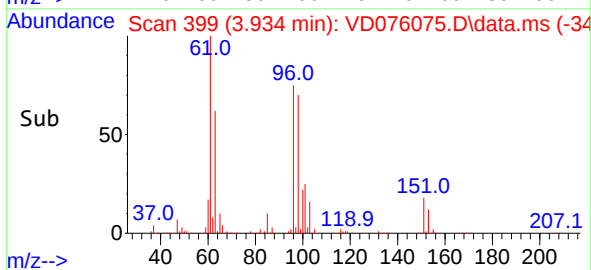
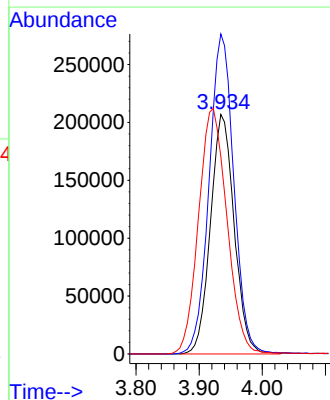
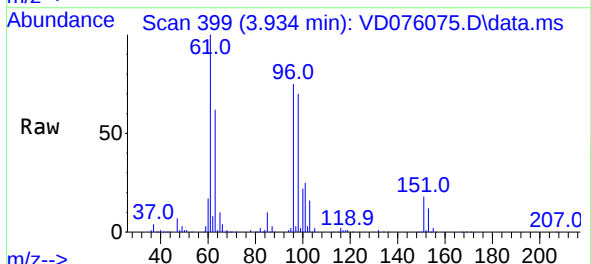
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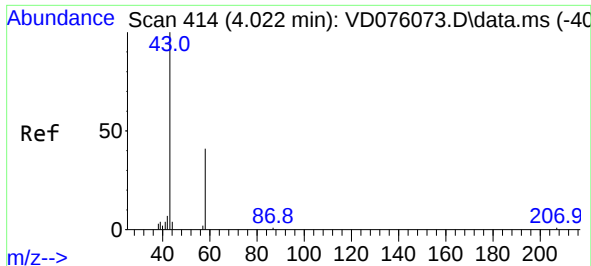
Tgt Ion:101 Resp: 554715
Ion Ratio Lower Upper
101 100
85 41.5 32.9 49.3
151 76.5 57.2 85.8



#12
1,1-Dichloroethene
Concen: 106.836 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 96 Resp: 540603
Ion Ratio Lower Upper
96 100
61 133.6 92.6 172.0
63 82.3 77.4 143.8

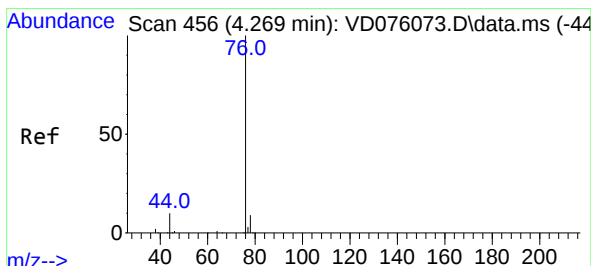
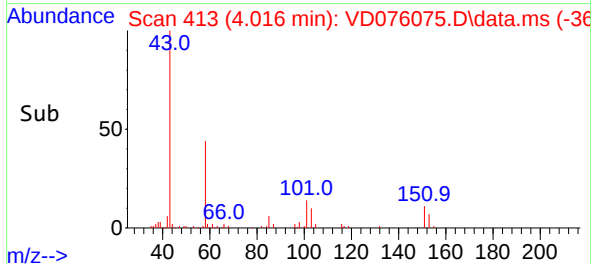
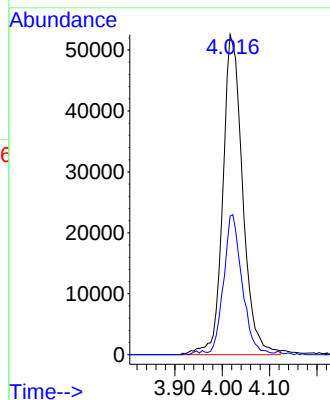
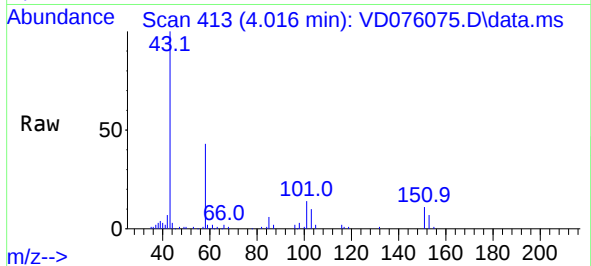




#13
Acetone
Concen: 194.986 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

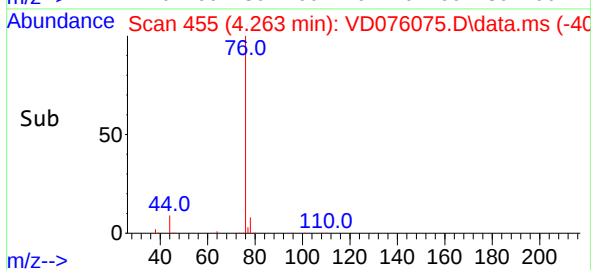
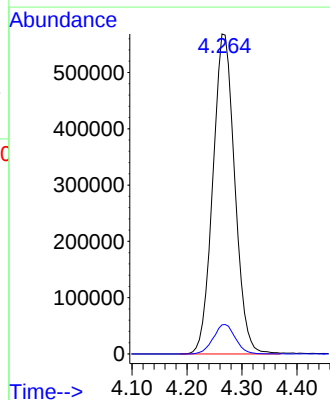
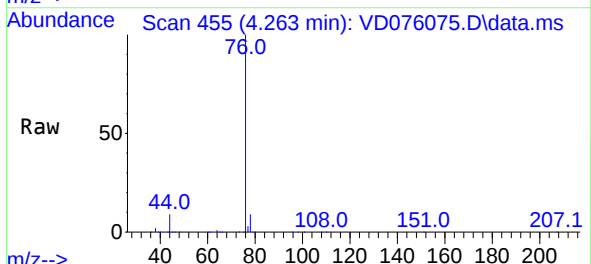
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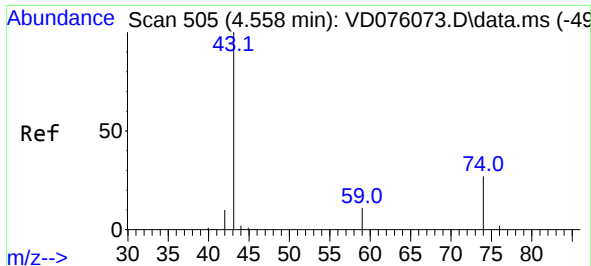
Tgt Ion: 43 Resp: 153160
Ion Ratio Lower Upper
43 100
58 40.5 0.0 87.4



#14
Carbon disulfide
Concen: 100.014 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 76 Resp: 1575819
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

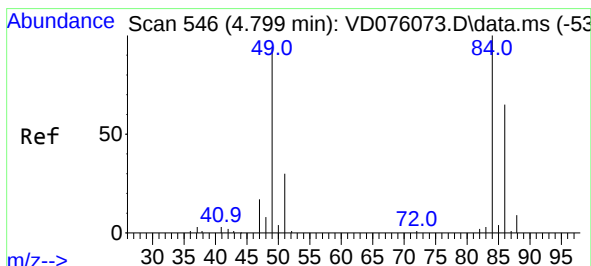
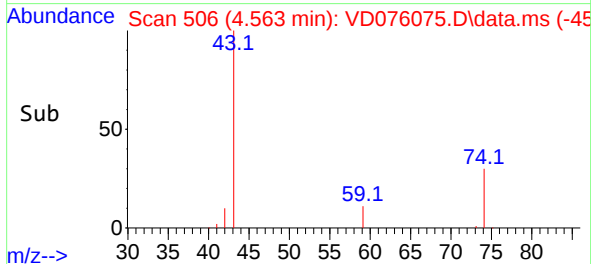
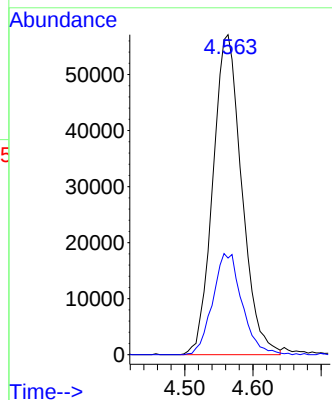
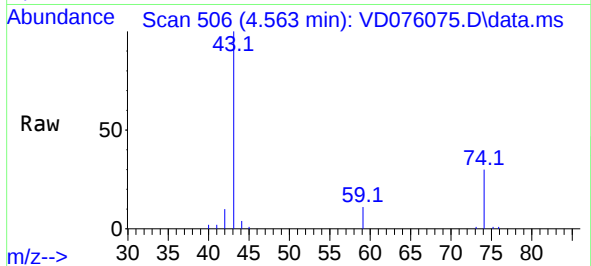




#15
Methyl Acetate
Concen: 99.424 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

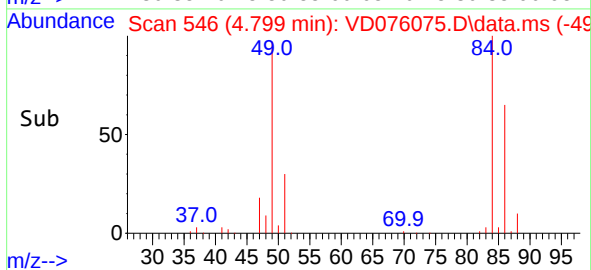
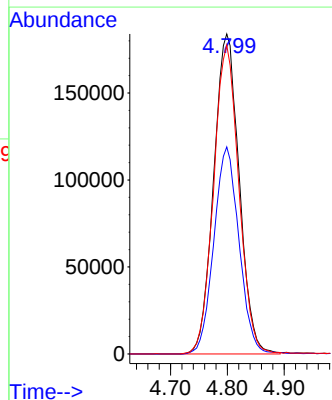
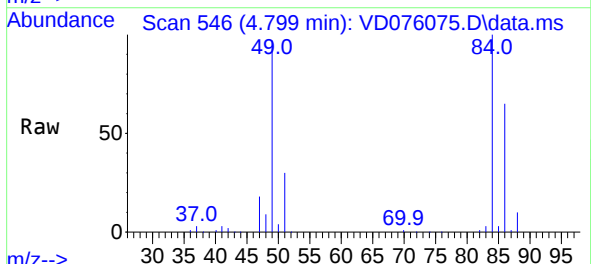
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

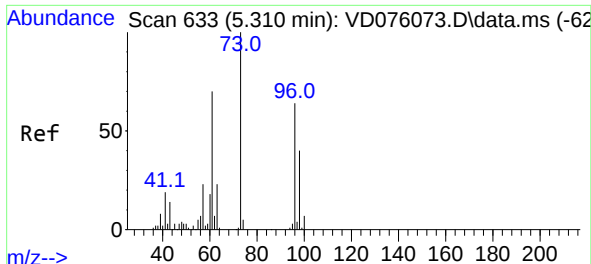
Tgt Ion: 43 Resp: 168494
Ion Ratio Lower Upper
43 100
74 32.1 12.8 19.2#



#16
Methylene chloride
Concen: 82.608 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 84 Resp: 572906
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.2
49 96.5 60.8 112.8

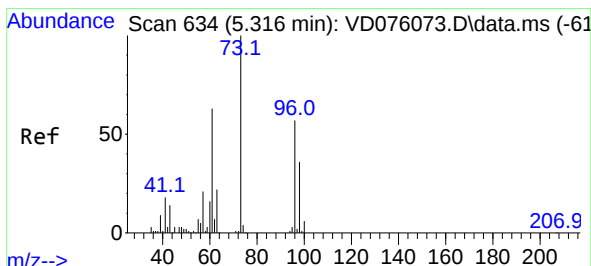
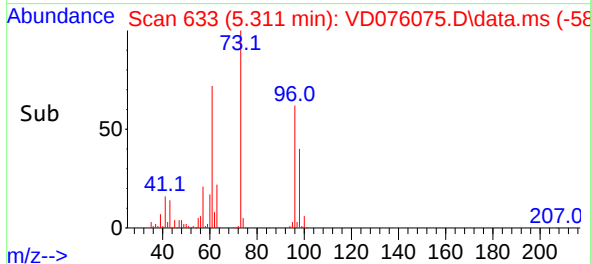
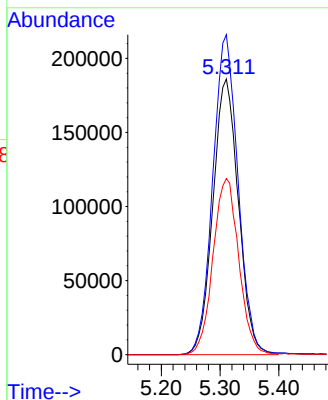
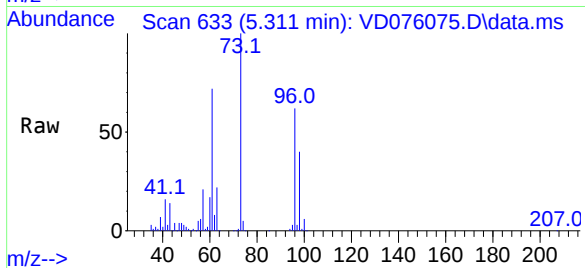




#17
trans-1,2-Dichloroethene
Concen: 103.874 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

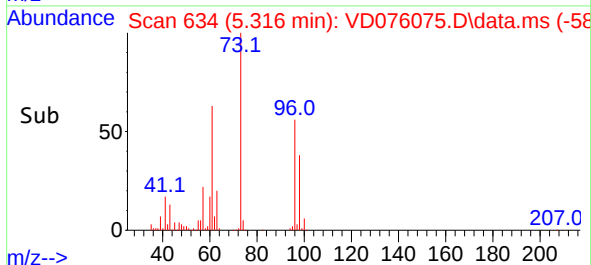
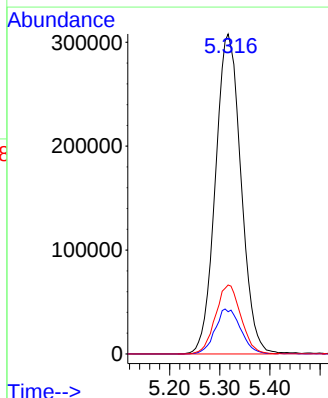
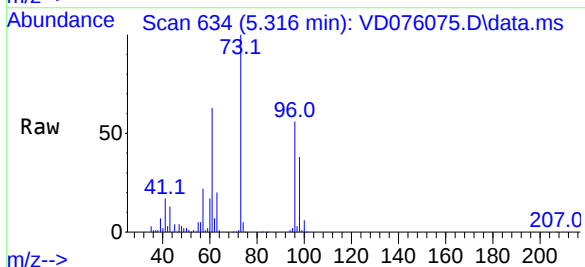
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

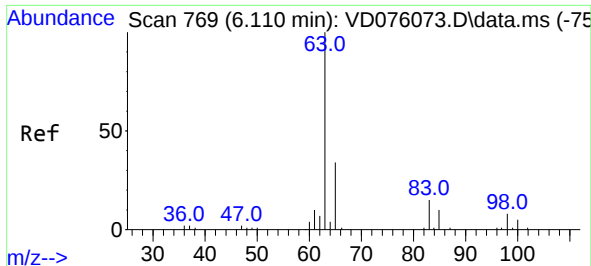
Tgt Ion: 96 Resp: 562770
Ion Ratio Lower Upper
96 100
61 116.1 72.9 135.5
98 63.9 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 113.551 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 73 Resp: 1091747
Ion Ratio Lower Upper
73 100
43 14.0 11.3 16.9
57 21.5 16.3 24.5

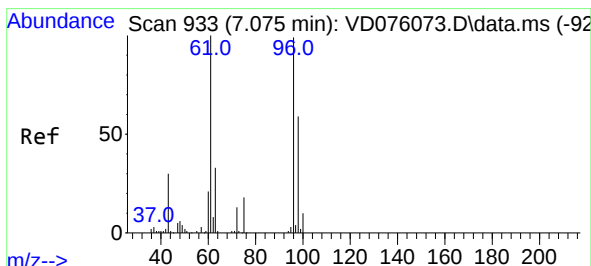
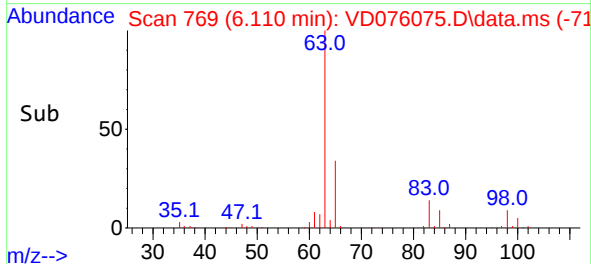
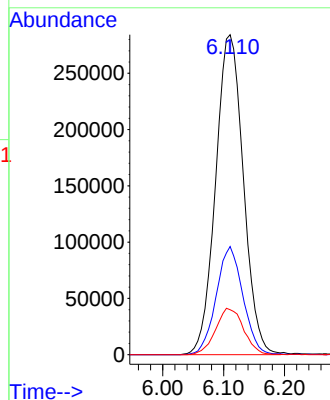
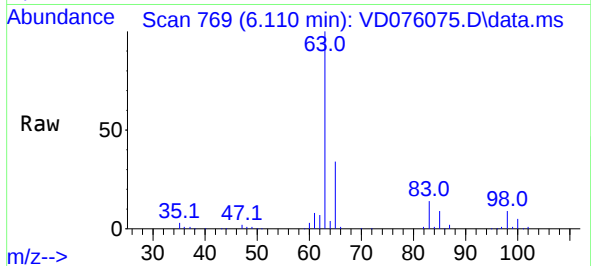




#19
1,1-Dichloroethane
Concen: 97.510 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

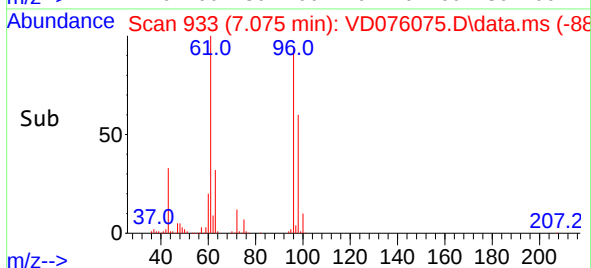
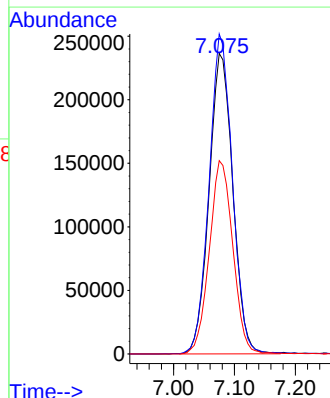
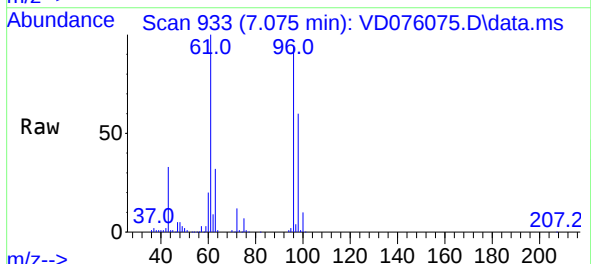
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

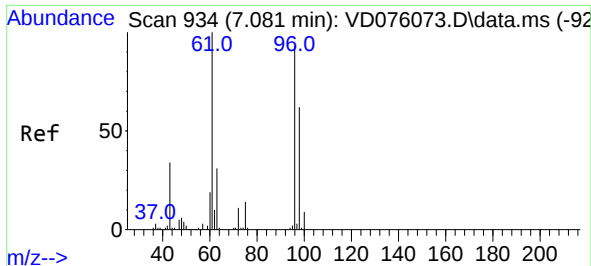
Tgt Ion: 63 Resp: 900454
Ion Ratio Lower Upper
63 100
65 33.8 22.8 42.4
83 14.1 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 106.711 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 96 Resp: 640954
Ion Ratio Lower Upper
96 100
61 106.5 67.5 125.3
98 64.3 47.5 88.1

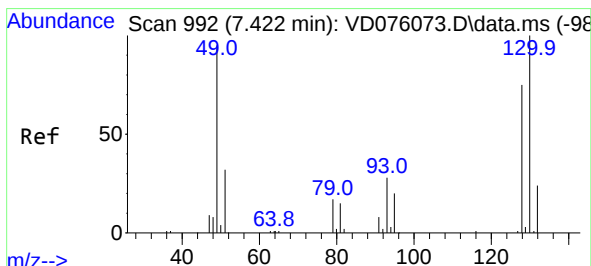
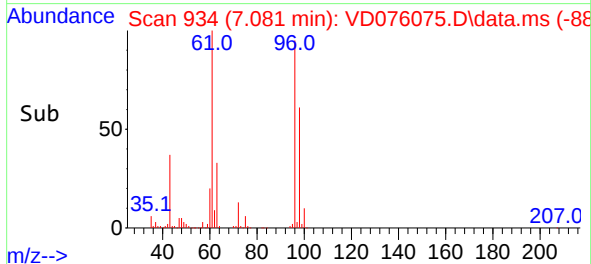
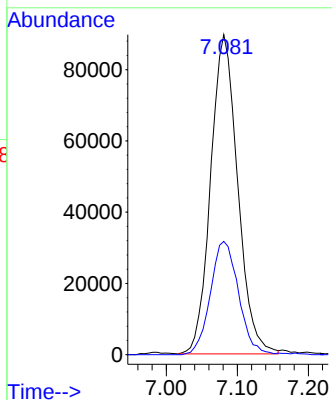
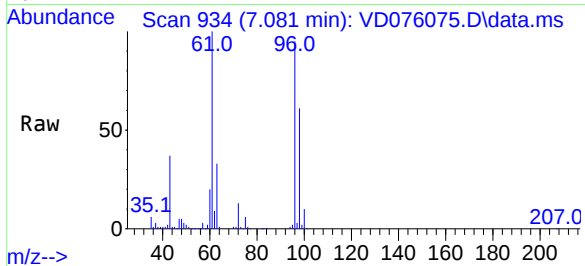




#22
2-Butanone
Concen: 215.997 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

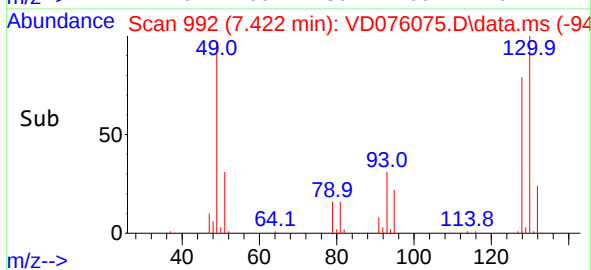
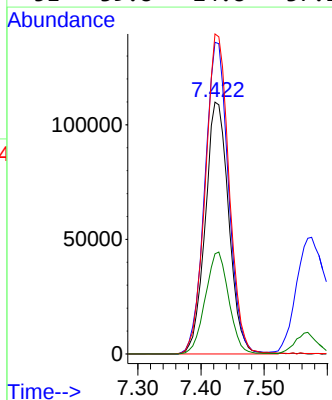
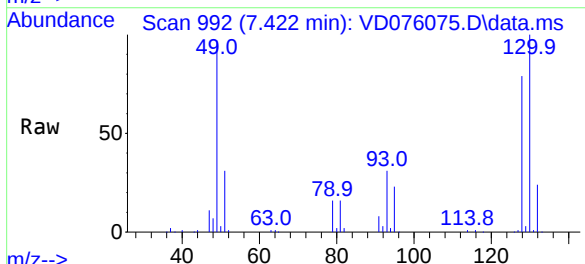
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

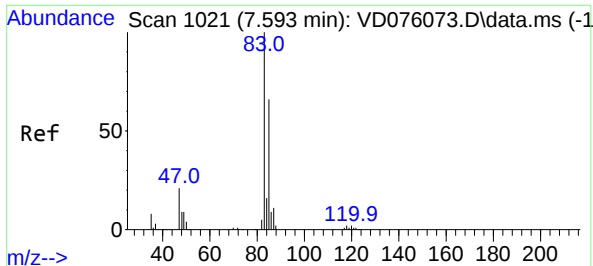
Tgt Ion: 43 Resp: 236910
Ion Ratio Lower Upper
43 100
72 36.9 20.5 61.5



#23
Bromochloromethane
Concen: 96.898 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 128 Resp: 284489
Ion Ratio Lower Upper
128 100
49 123.8 76.4 142.0
130 127.1 93.5 173.7
51 39.8 24.8 37.2#





#25

Chloroform

Concen: 96.213 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076075.D

Acq: 11 May 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

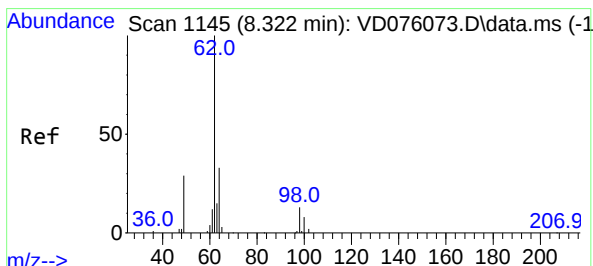
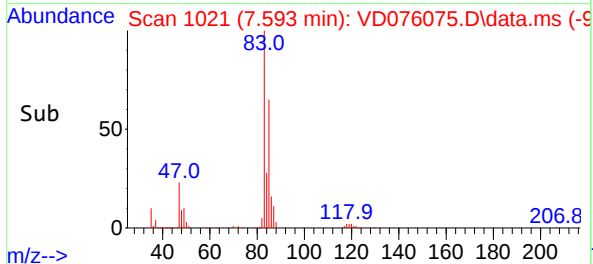
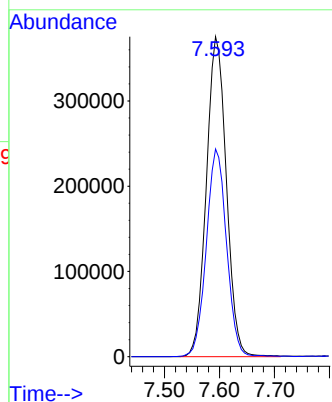
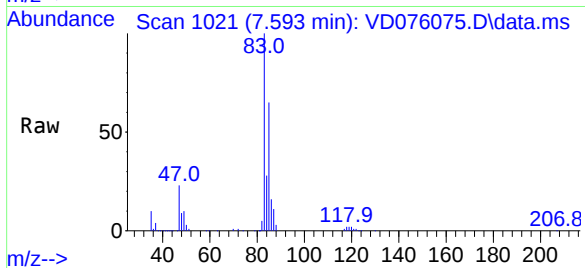
VSTD100150

Tgt Ion: 83 Resp: 948675

Ion Ratio Lower Upper

83 100

85 64.9 44.4 82.5



#27

1,2-Dichloroethane

Concen: 97.866 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD076075.D

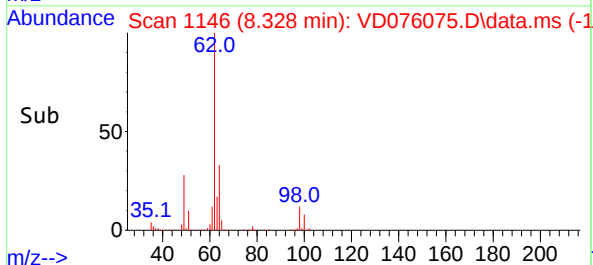
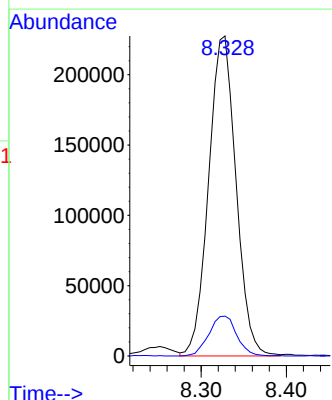
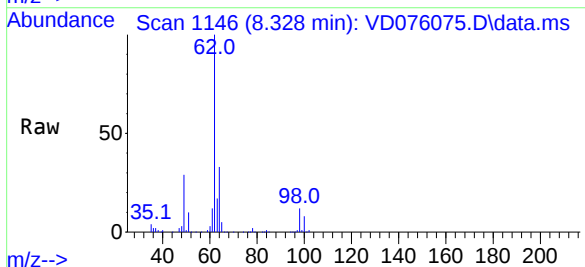
Acq: 11 May 2023 12:32

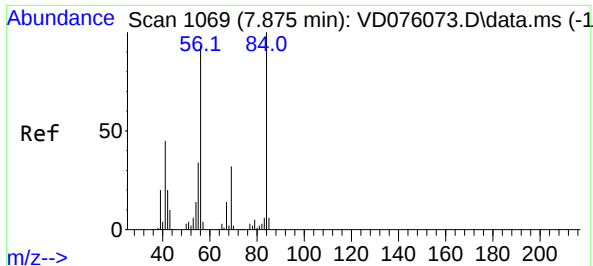
Tgt Ion: 62 Resp: 508511

Ion Ratio Lower Upper

62 100

98 12.4 10.2 15.2





#29

Cyclohexane

Concen: 117.989 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076075.D

Acq: 11 May 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTD100150

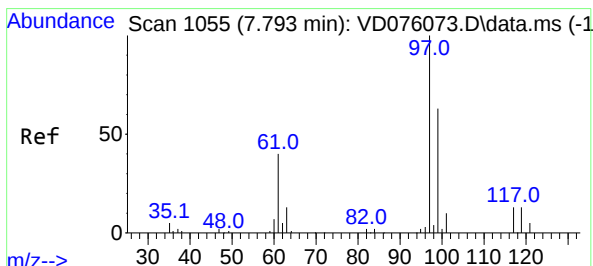
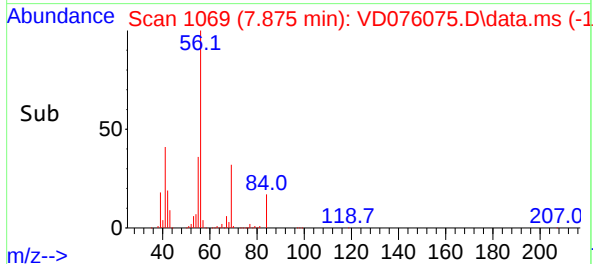
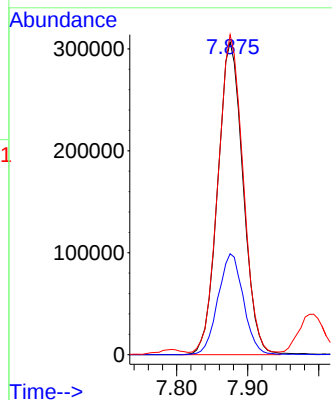
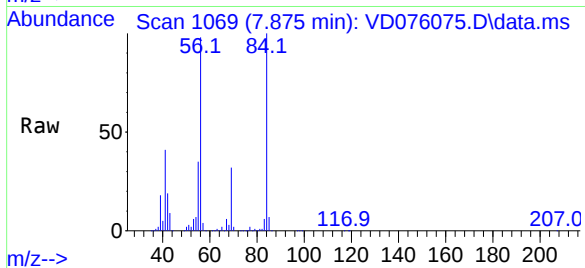
Tgt Ion: 56 Resp: 758087

Ion Ratio Lower Upper

56 100

69 32.4 28.2 42.2

84 101.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 97.945 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076075.D

Acq: 11 May 2023 12:32

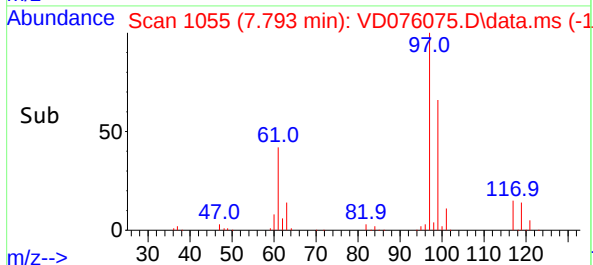
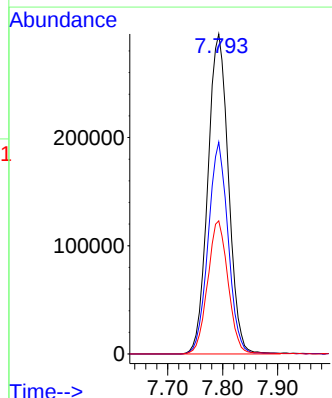
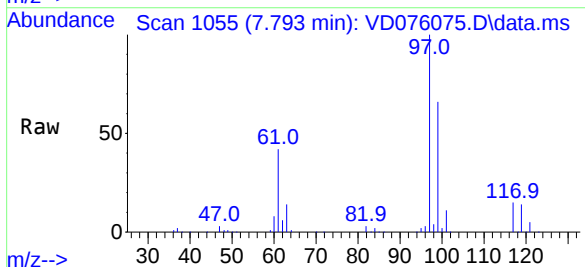
Tgt Ion: 97 Resp: 770676

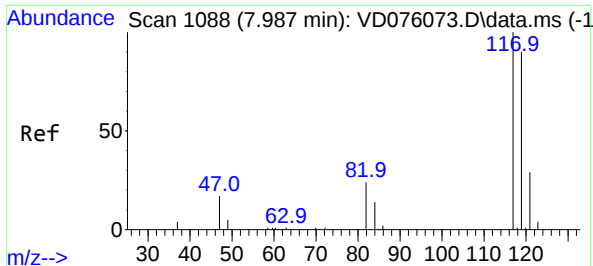
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 41.4 32.1 48.1

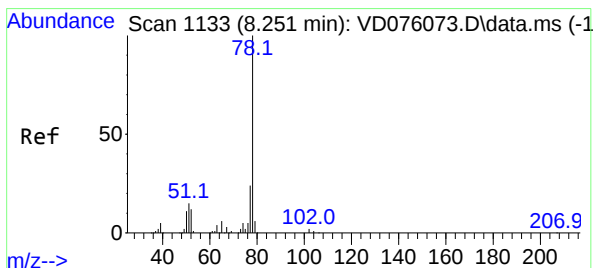
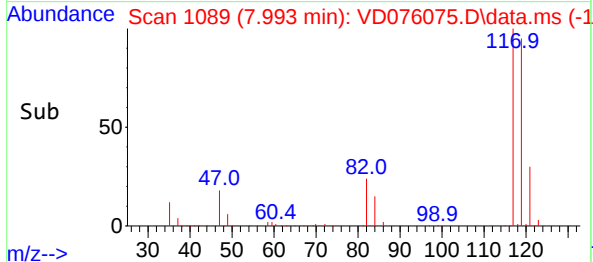
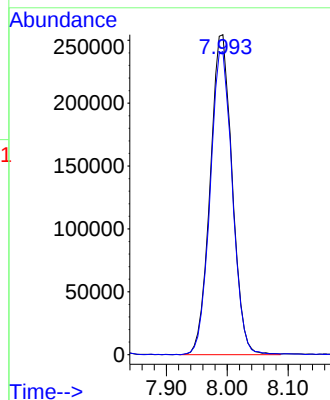
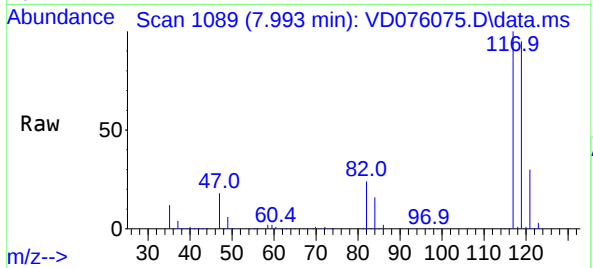




#31
Carbon tetrachloride
Concen: 103.171 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

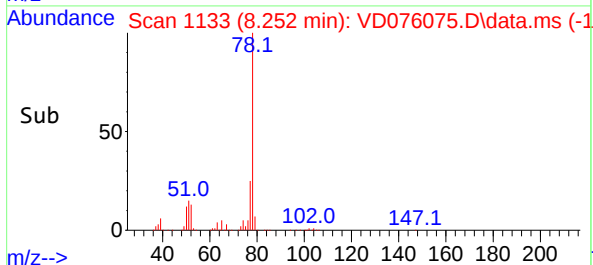
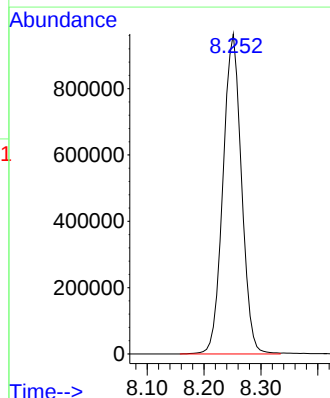
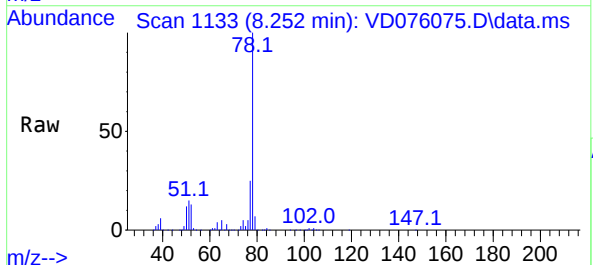
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

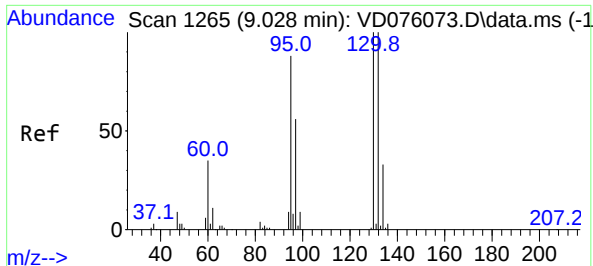
Tgt Ion:117 Resp: 639515
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4



#33
Benzene
Concen: 101.651 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

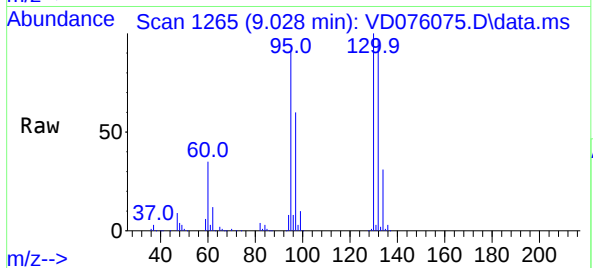
Tgt Ion: 78 Resp: 2188968



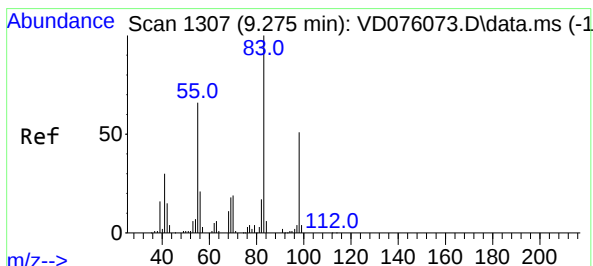
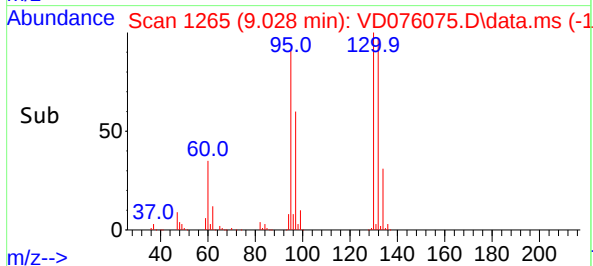
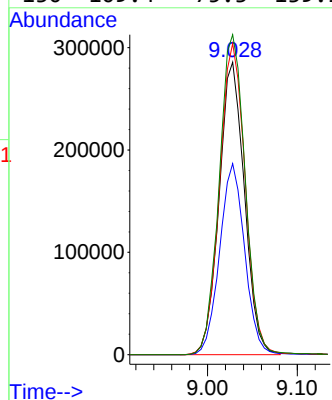


#34
Trichloroethene
Concen: 100.427 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

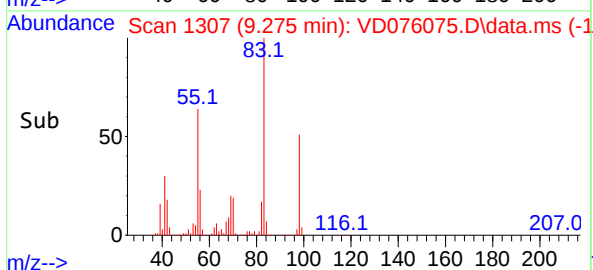
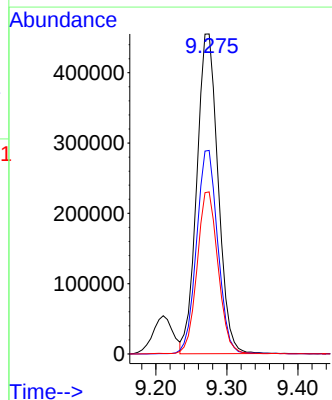
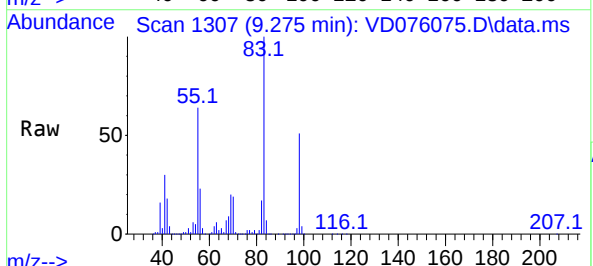


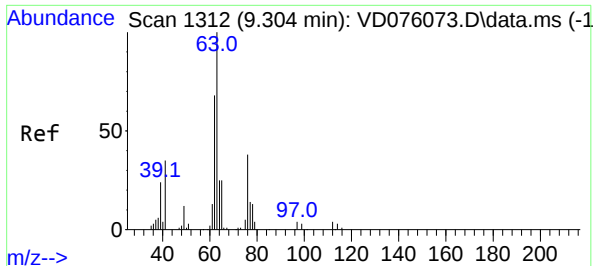
Tgt Ion: 95 Resp: 558210
Ion Ratio Lower Upper
95 100
97 65.3 46.0 85.4
132 106.4 73.3 136.1
130 109.4 75.3 139.9



#35
Methylcyclohexane
Concen: 112.699 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 83 Resp: 949086
Ion Ratio Lower Upper
83 100
55 64.0 48.2 72.2
98 50.2 40.8 61.2

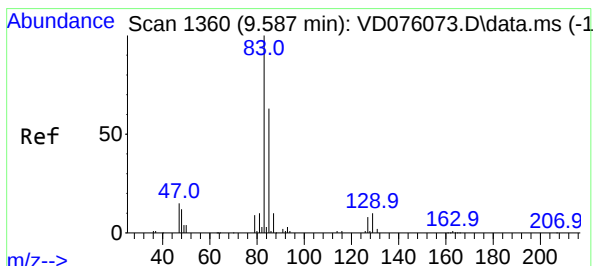
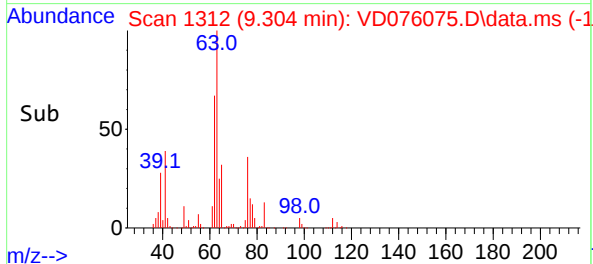
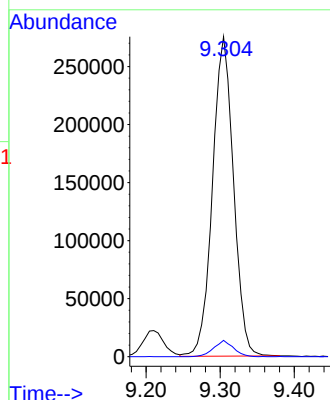
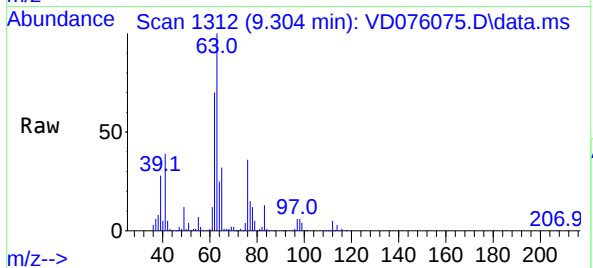




#37
1,2-Dichloropropane
Concen: 98.679 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

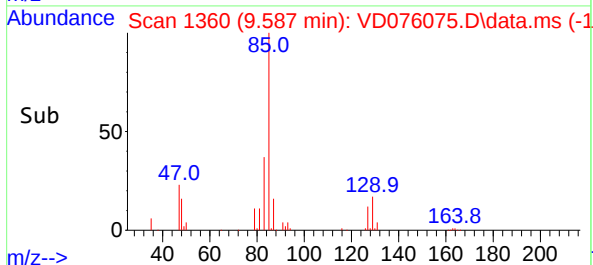
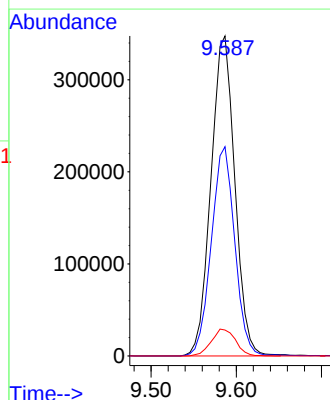
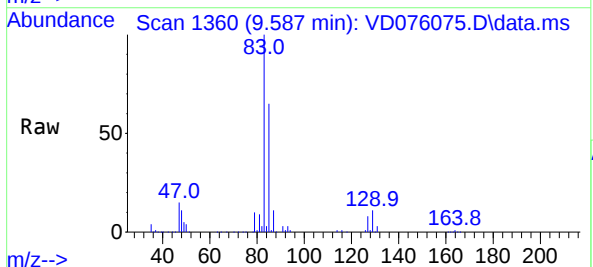
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

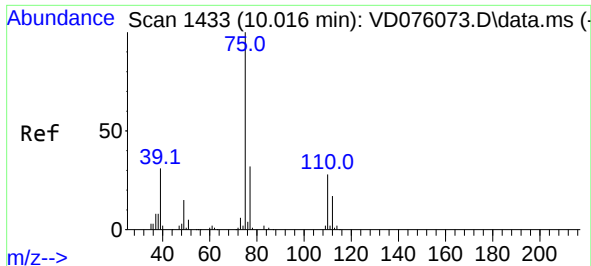
Tgt Ion: 63 Resp: 541999
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 96.309 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 83 Resp: 677756
Ion Ratio Lower Upper
83 100
85 65.4 44.2 82.2
127 8.1 6.3 9.5

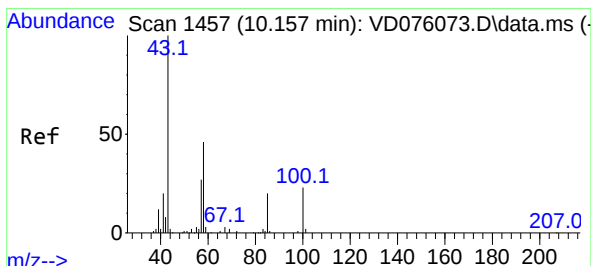
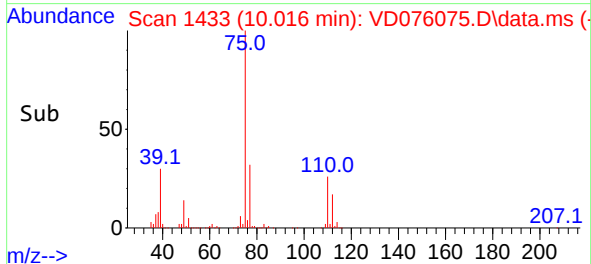
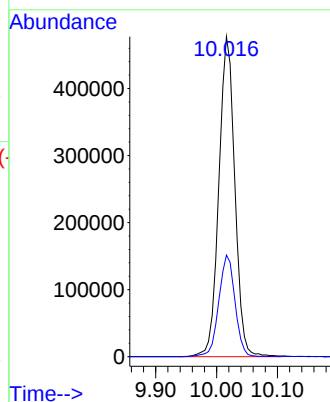
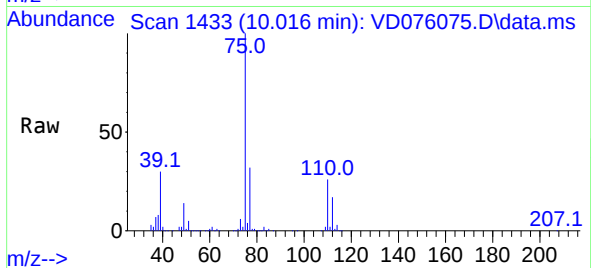




#39
cis-1,3-Dichloropropene
Concen: 110.099 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

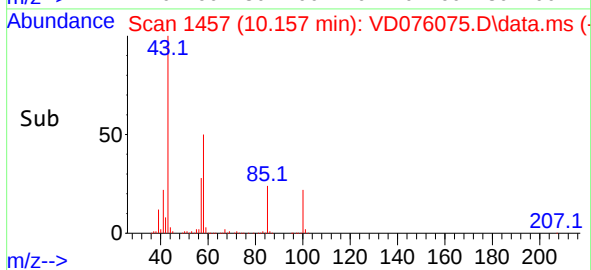
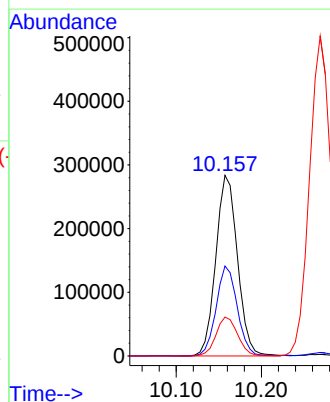
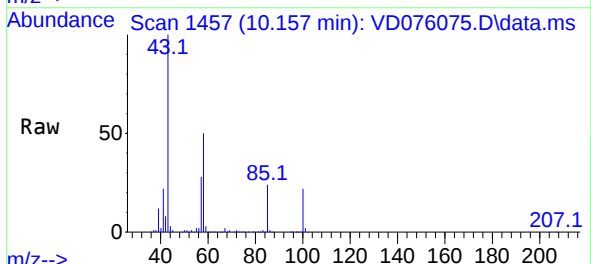
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

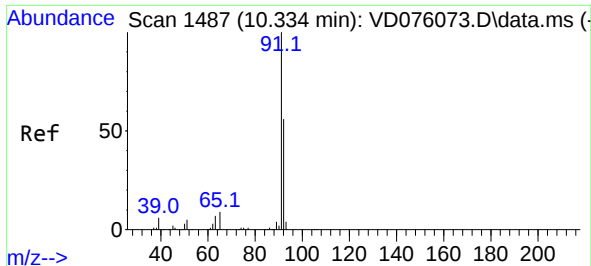
Tgt Ion: 75 Resp: 871062
Ion Ratio Lower Upper
75 100
77 31.8 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 226.538 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 43 Resp: 501524
Ion Ratio Lower Upper
43 100
58 48.5 39.1 58.7
100 21.6 19.4 29.0

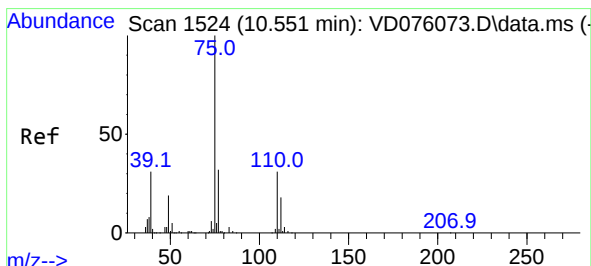
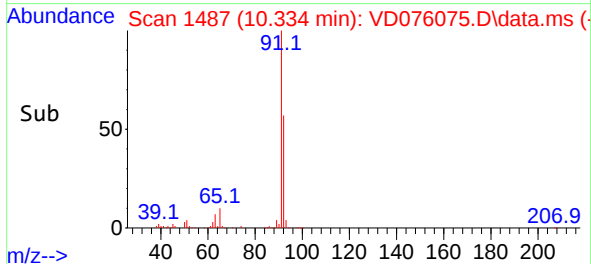
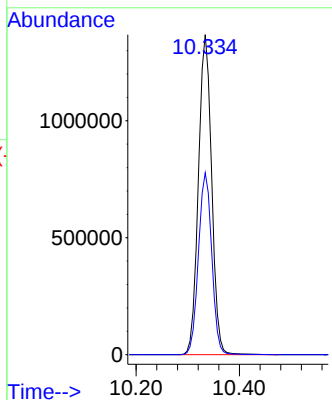
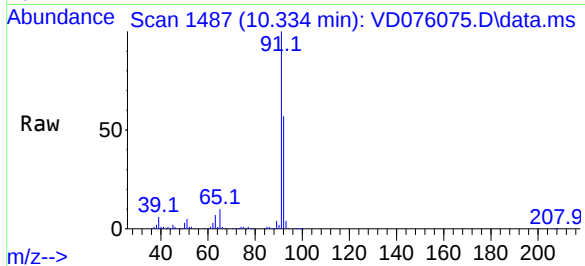




#42
Toluene
Concen: 105.665 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

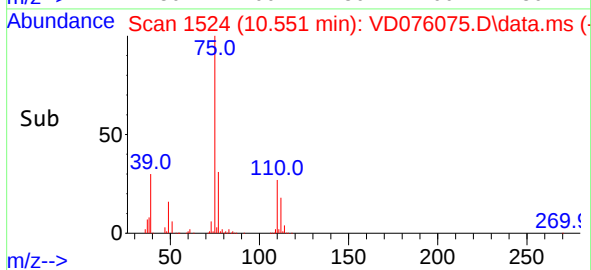
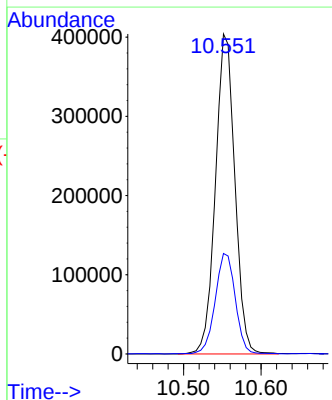
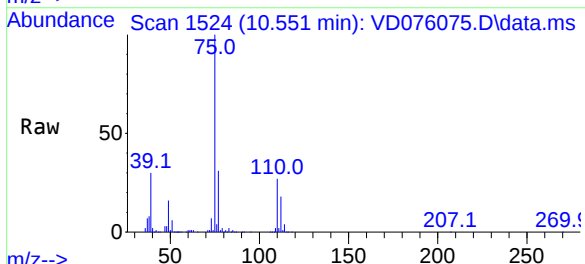
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

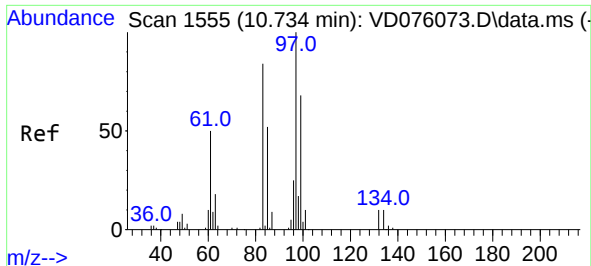
Tgt Ion: 91 Resp: 2429146
Ion Ratio Lower Upper
91 100
92 56.8 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 106.523 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 75 Resp: 703217
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



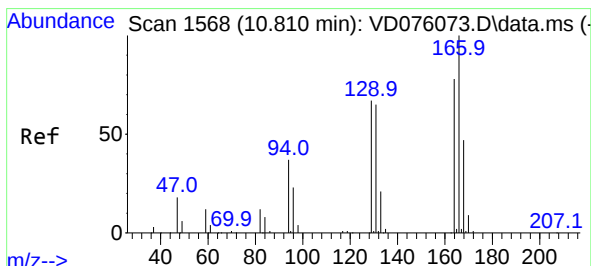
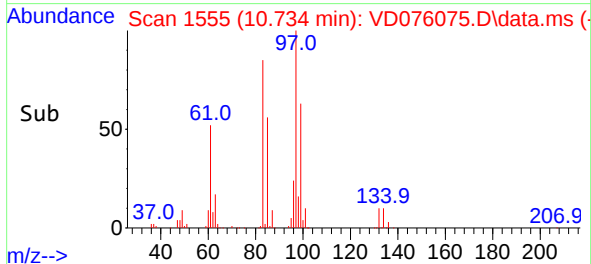
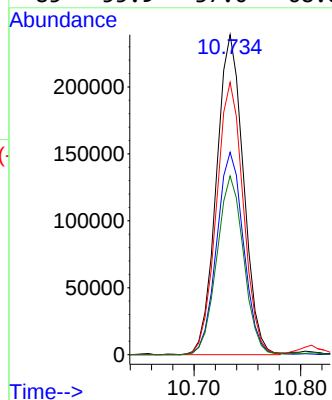
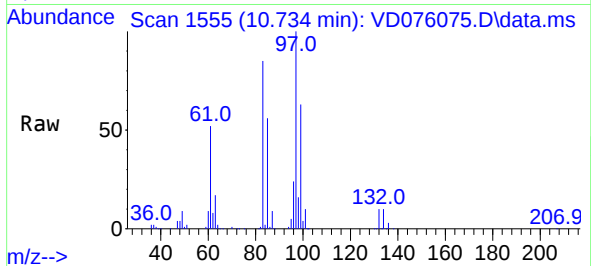


#45
1,1,2-Trichloroethane
Concen: 95.050 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

Tgt Ion: 97 Resp: 421551

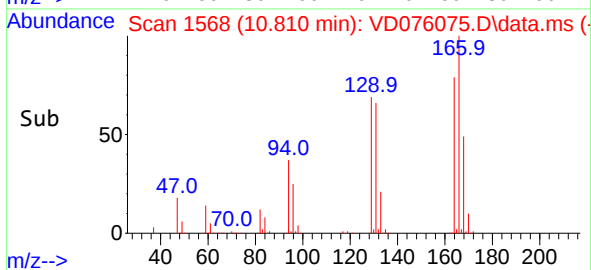
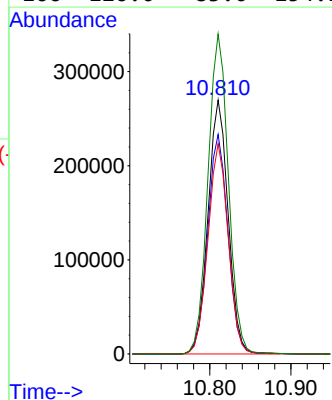
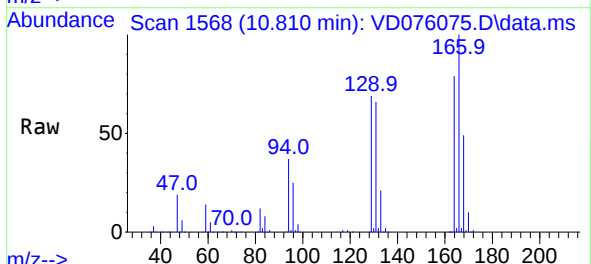
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.2	78.4
83	85.1	54.8	101.8
85	55.9	37.0	68.8

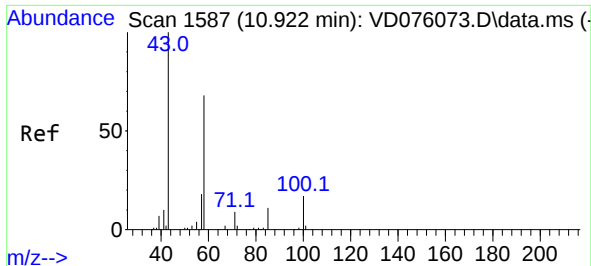


#46
Tetrachloroethene
Concen: 100.386 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 164 Resp: 466158

Ion	Ratio	Lower	Upper
164	100		
129	86.5	60.3	112.1
131	82.9	58.9	109.3
166	126.0	83.0	154.1



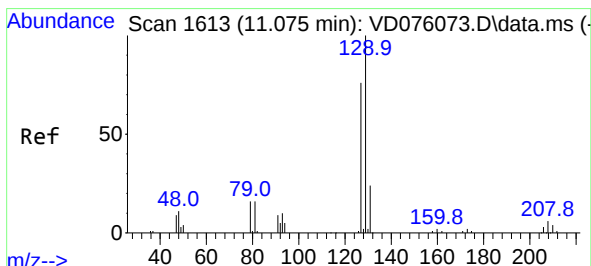
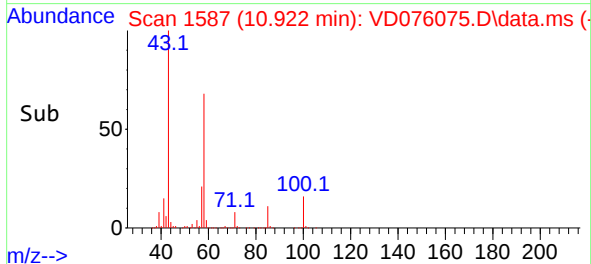
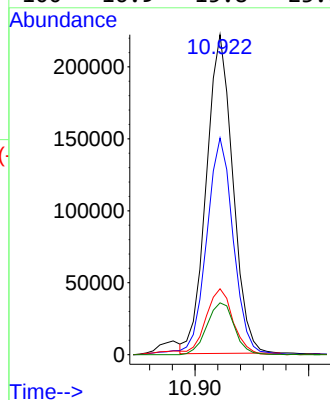
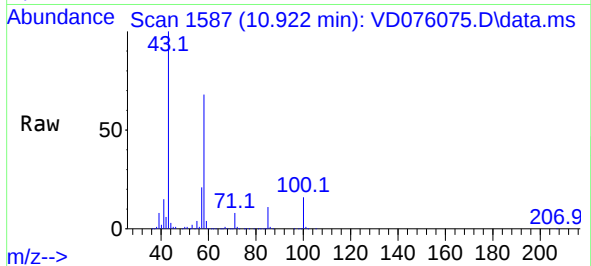


#48
2-Hexanone
Concen: 223.340 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

Tgt Ion: 43 Resp: 358804

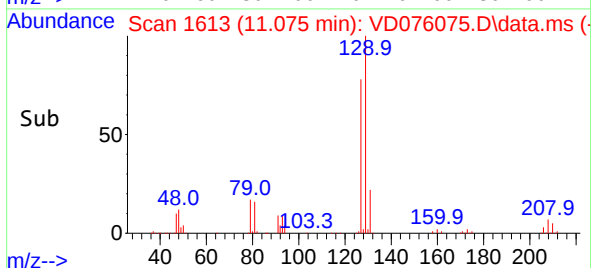
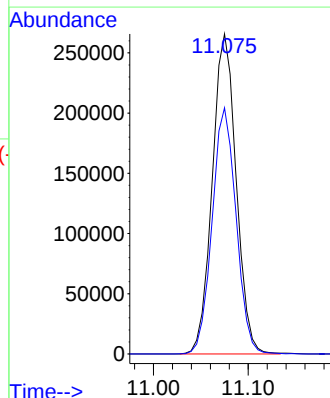
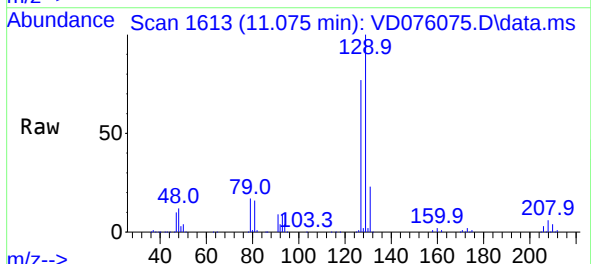
Ion	Ratio	Lower	Upper
43	100		
58	69.3	59.7	89.5
57	21.0	17.9	26.9
100	16.9	15.8	23.6

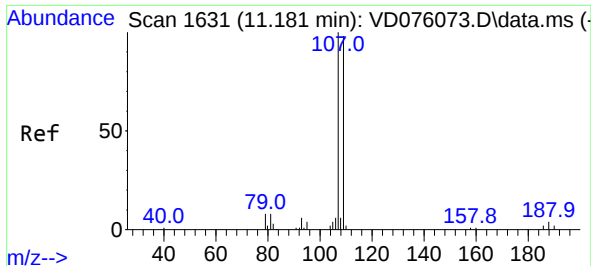


#49
Dibromochloromethane
Concen: 97.429 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 129 Resp: 466207

Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.6	103.4

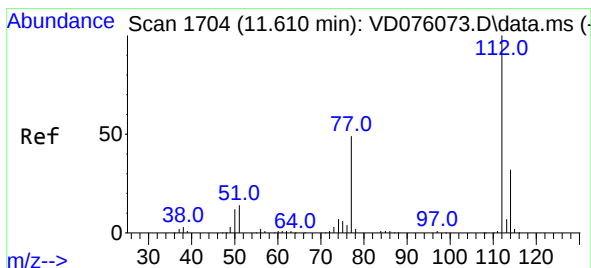
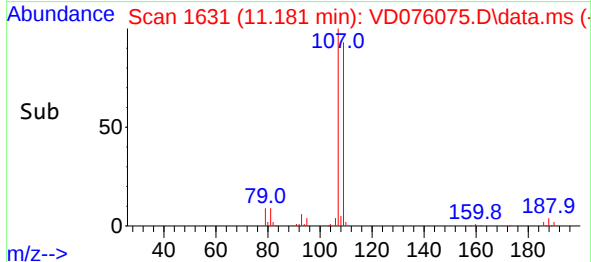
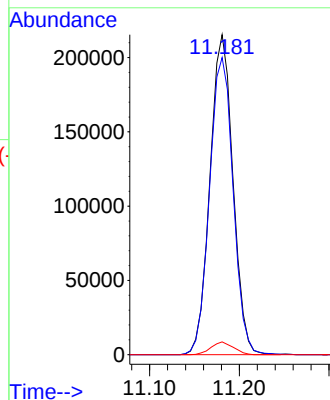
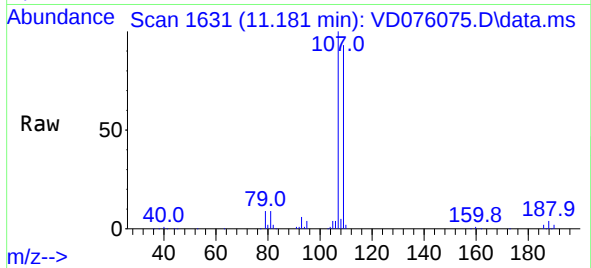




#50
1,2-Dibromoethane
Concen: 97.927 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

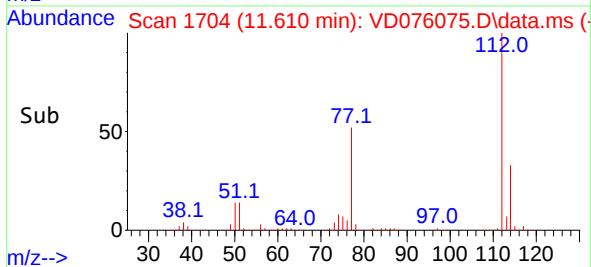
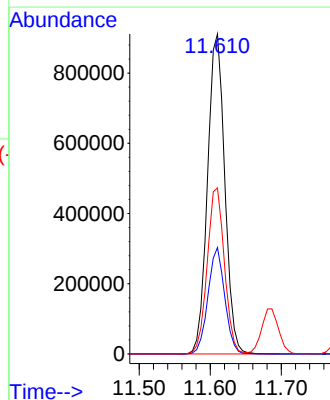
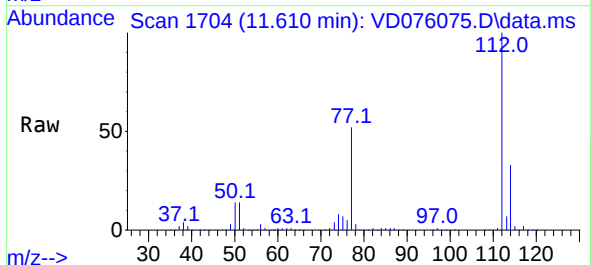
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

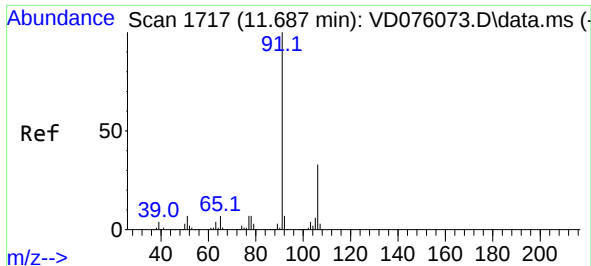
Tgt Ion:107 Resp: 383563
Ion Ratio Lower Upper
107 100
109 92.8 67.6 125.6
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 98.249 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:112 Resp: 1537266
Ion Ratio Lower Upper
112 100
114 33.3 23.0 42.8
77 51.9 39.7 59.5

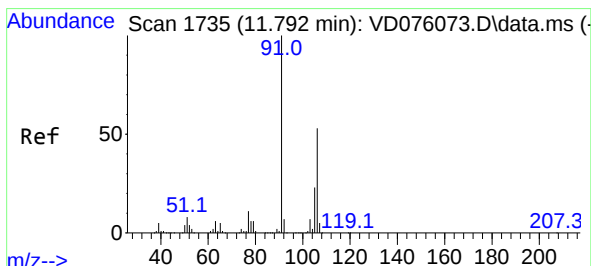
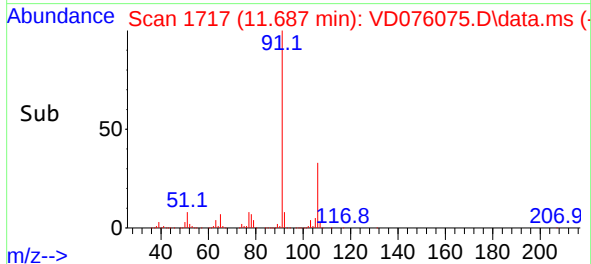
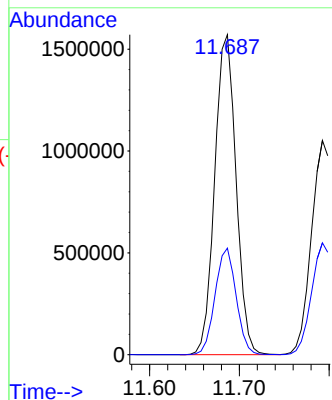
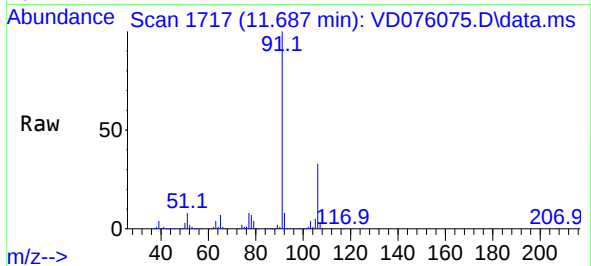




#52
Ethylbenzene
Concen: 108.794 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

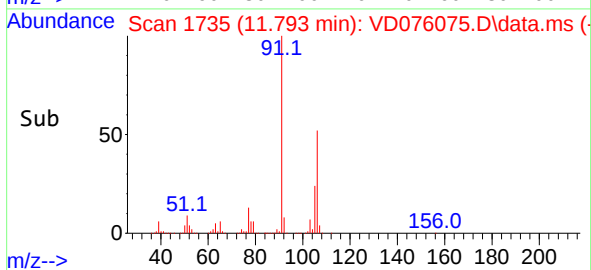
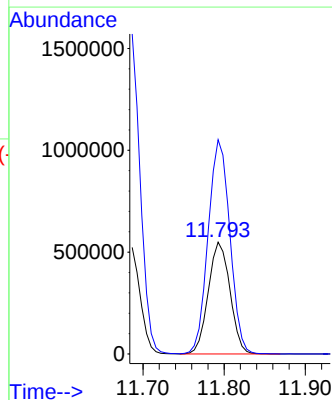
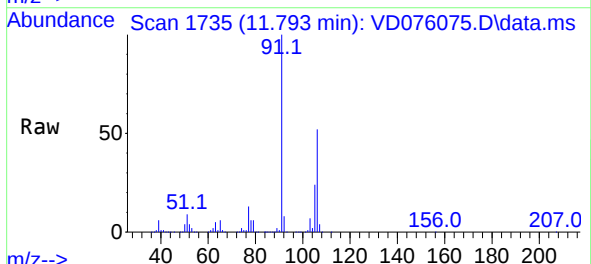
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

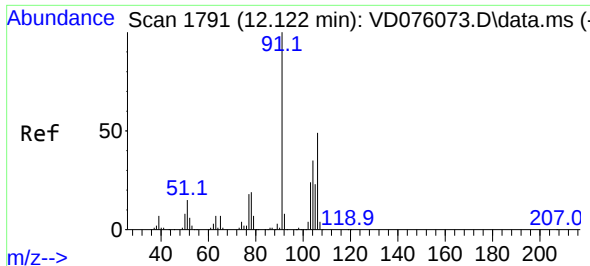
Tgt Ion: 91 Resp: 2594679
Ion Ratio Lower Upper
91 100
106 33.3 23.7 43.9



#53
m,p-Xylene
Concen: 109.480 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:106 Resp: 1018174
Ion Ratio Lower Upper
106 100
91 191.5 130.9 243.1

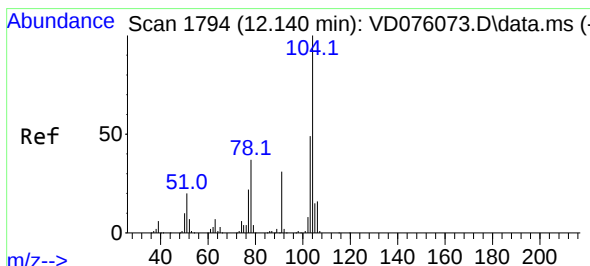
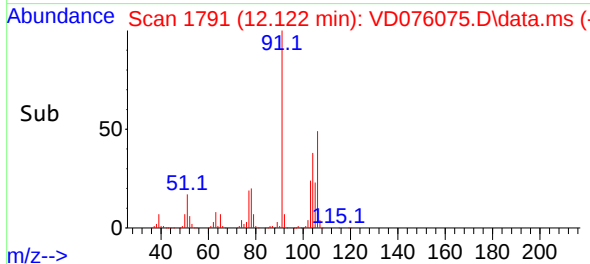
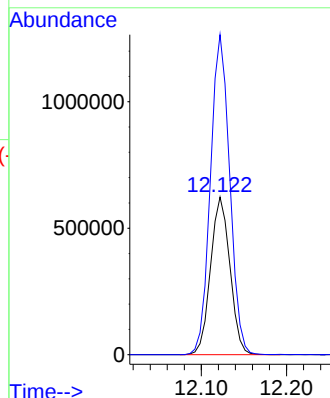
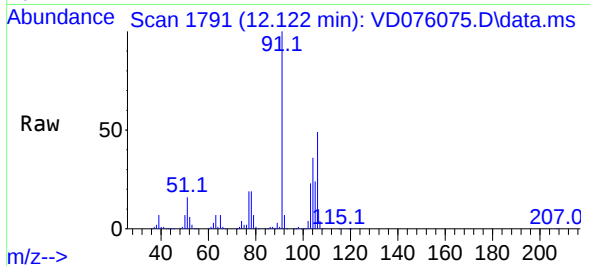




#54
o-Xylene
Concen: 111.669 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

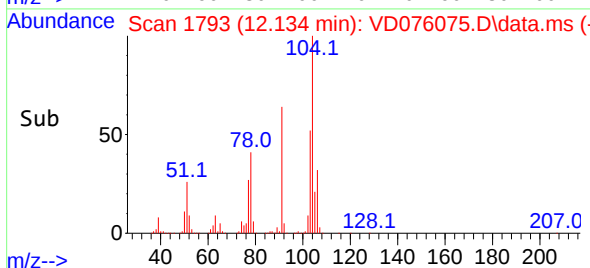
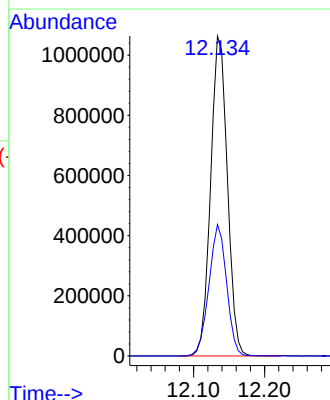
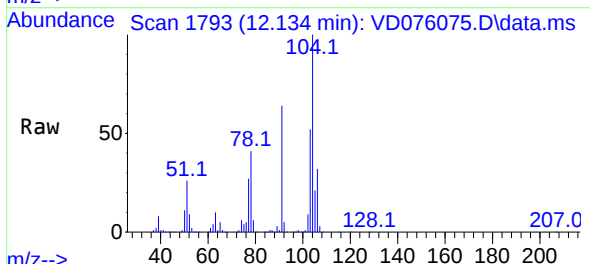
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

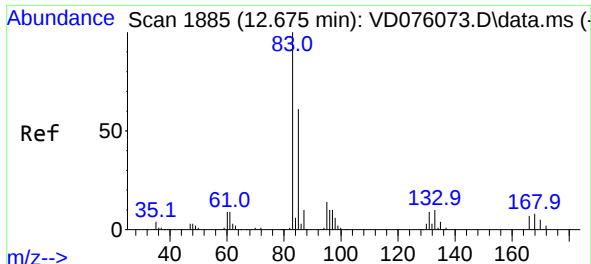
Tgt Ion:106 Resp: 984932
Ion Ratio Lower Upper
106 100
91 203.0 139.8 259.6



#55
Styrene
Concen: 111.520 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:104 Resp: 1742617
Ion Ratio Lower Upper
104 100
78 41.0 26.2 48.6

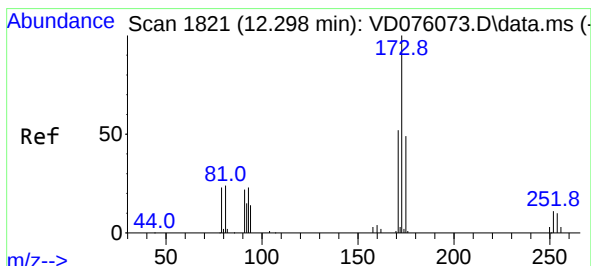
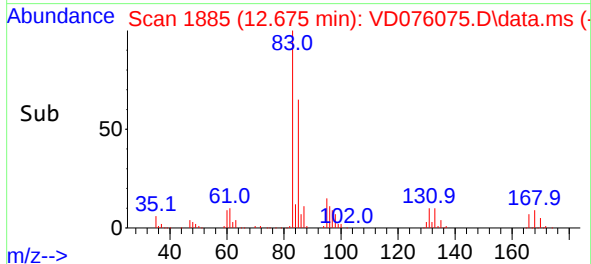
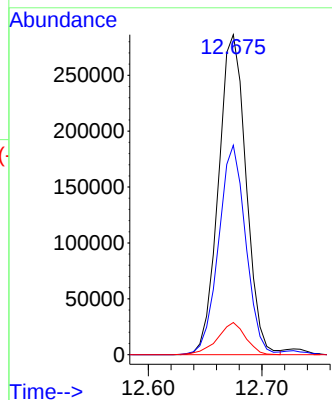
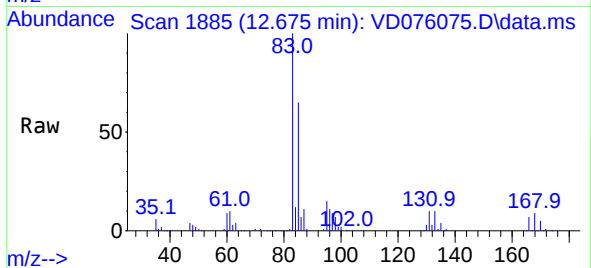




#57
1,1,2,2-Tetrachloroethane
Concen: 97.359 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

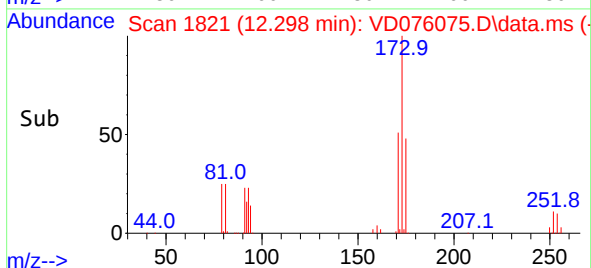
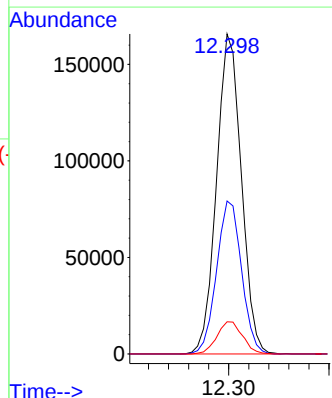
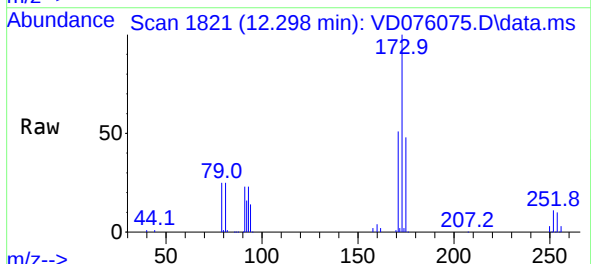
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

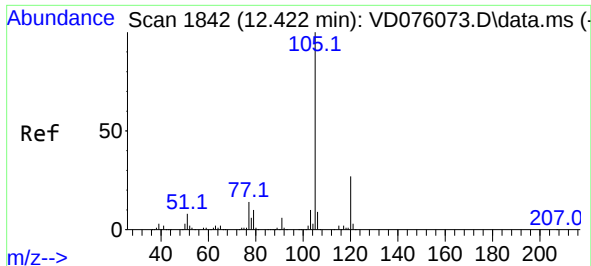
Tgt Ion: 83 Resp: 483388
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7
131 10.0 7.0 10.6



#59
Bromoform
Concen: 93.086 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:173 Resp: 284106
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
254 10.4 7.4 11.2

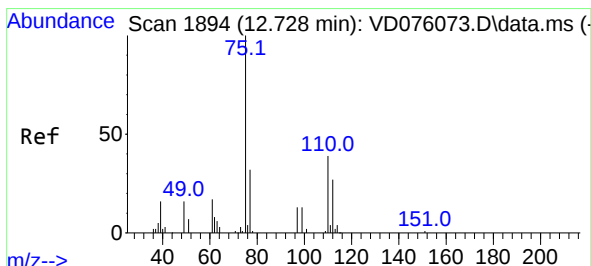
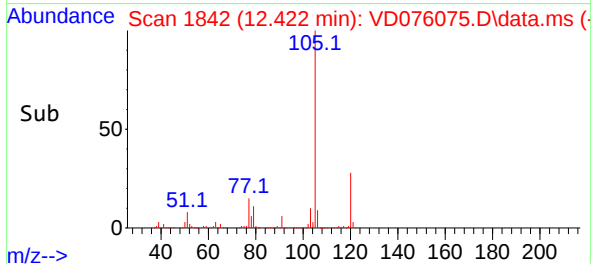
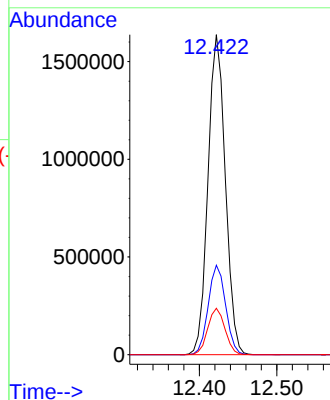
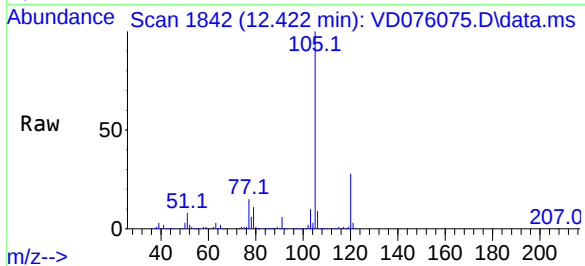




#60
Isopropylbenzene
Concen: 106.598 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

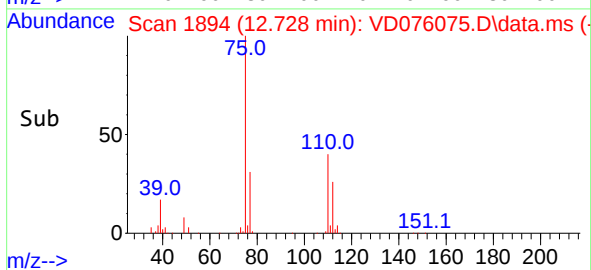
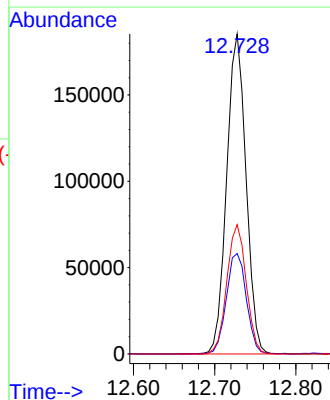
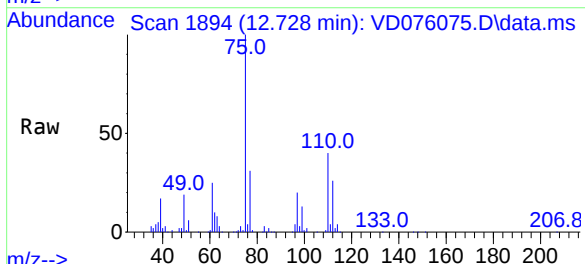
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

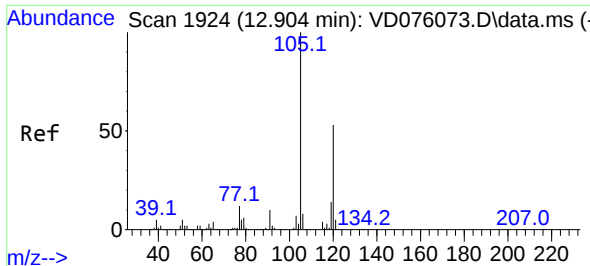
Tgt Ion:105 Resp: 2542085
Ion Ratio Lower Upper
105 100
120 28.0 22.7 34.1
77 14.5 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 90.872 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion: 75 Resp: 306993
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 40.4 33.5 50.3

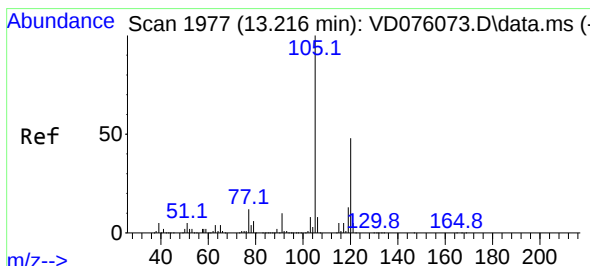
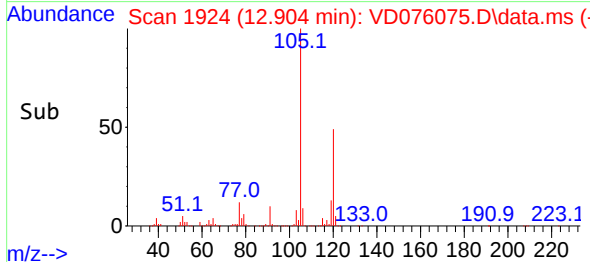
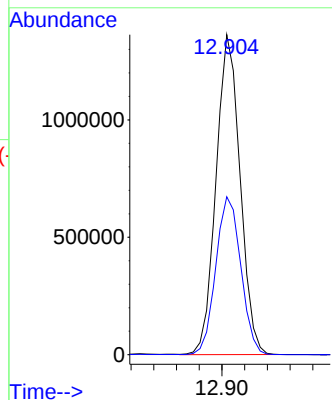
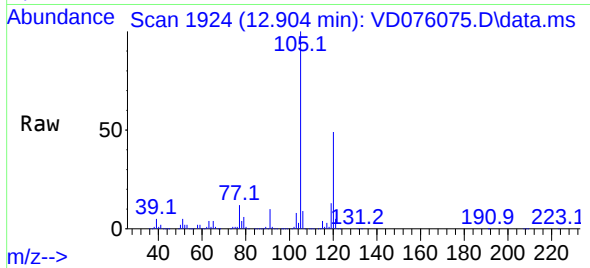




#62
1,3,5-Trimethylbenzene
Concen: 109.516 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

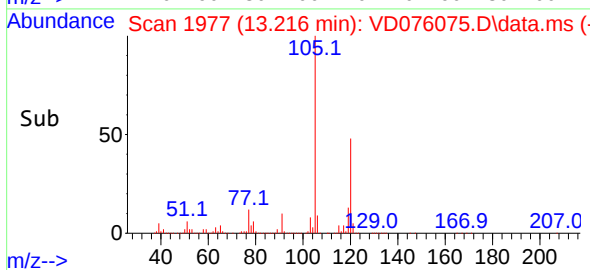
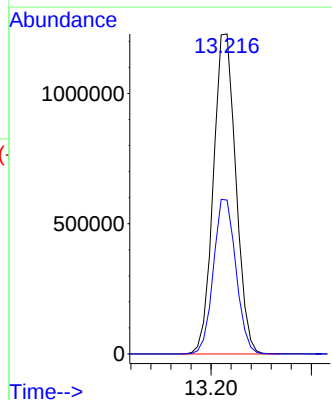
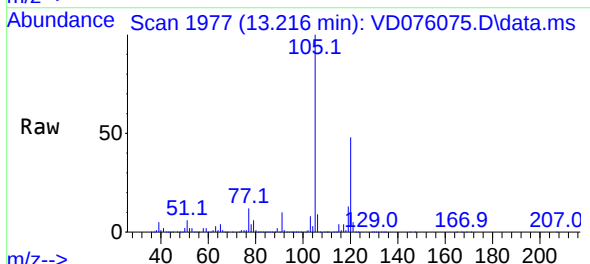
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

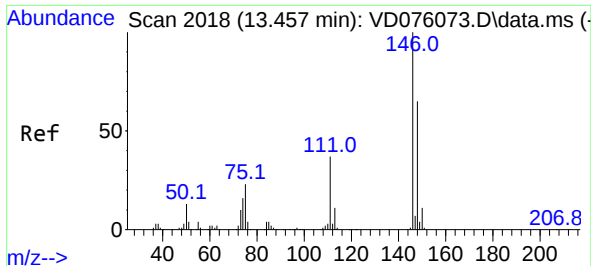
Tgt Ion:105 Resp: 2003728
Ion Ratio Lower Upper
105 100
120 51.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 109.422 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:105 Resp: 1914673
Ion Ratio Lower Upper
105 100
120 48.4 39.0 58.6

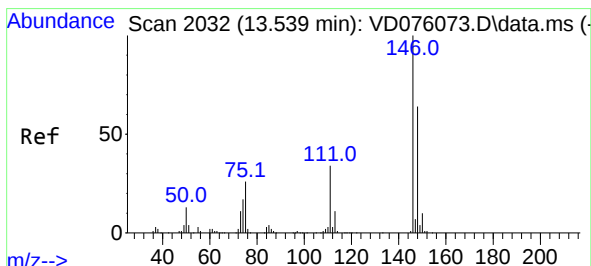
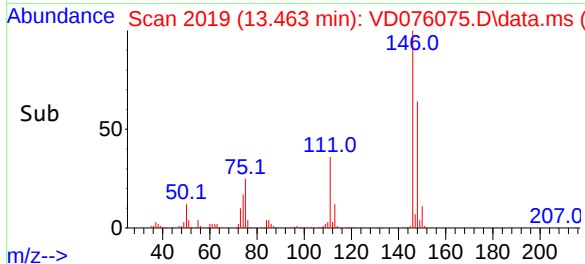
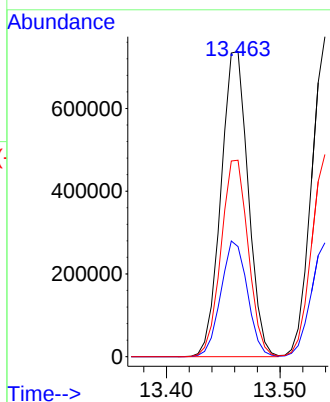
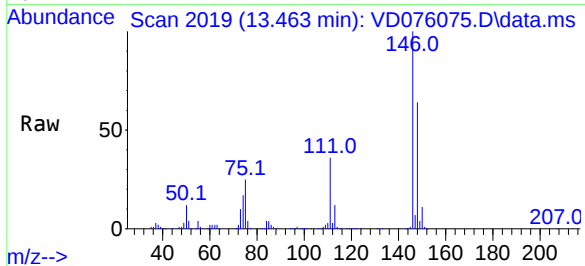




#64
1,3-Dichlorobenzene
Concen: 99.125 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

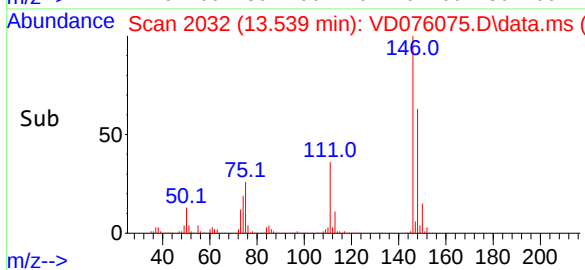
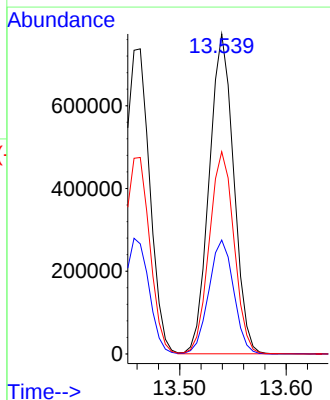
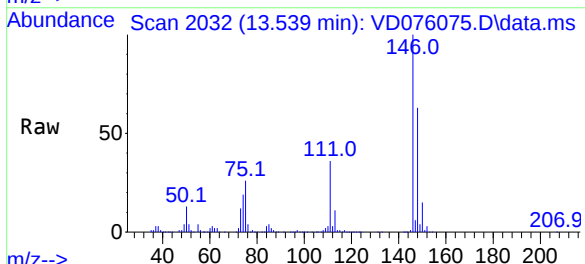
Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

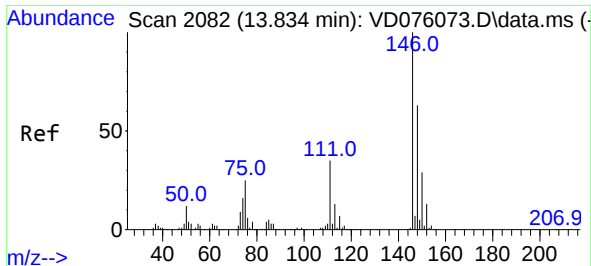
Tgt Ion:146 Resp: 1227293
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.1
148 64.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 95.838 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:146 Resp: 1234422
Ion Ratio Lower Upper
146 100
111 35.6 24.6 45.8
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 99.452 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076075.D

Acq: 11 May 2023 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTD100150

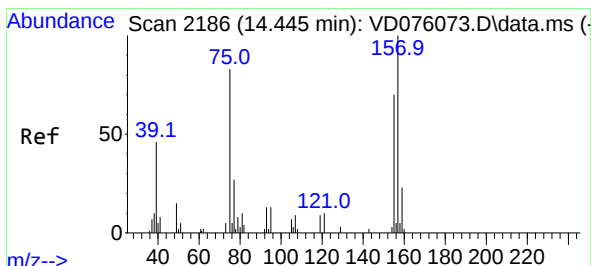
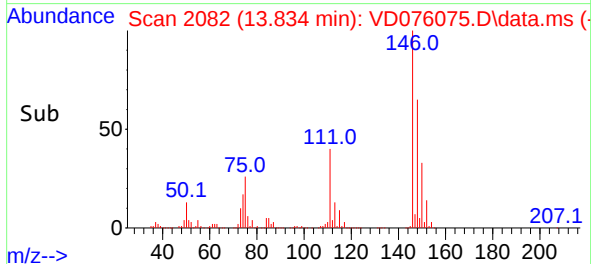
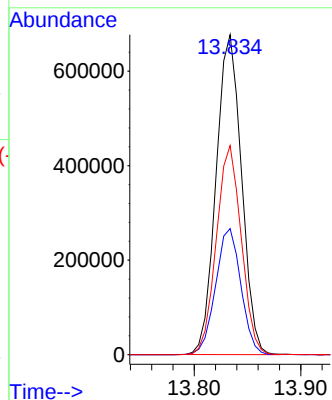
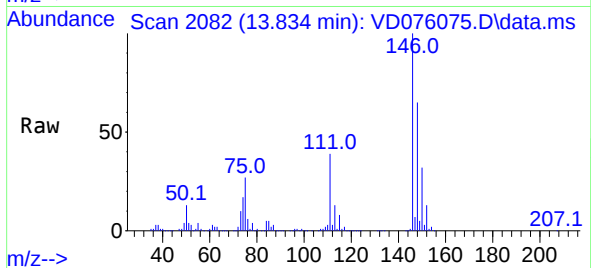
Tgt Ion:146 Resp: 1123137

Ion Ratio Lower Upper

146 100

111 39.4 30.6 46.0

148 65.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 102.555 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076075.D

Acq: 11 May 2023 12:32

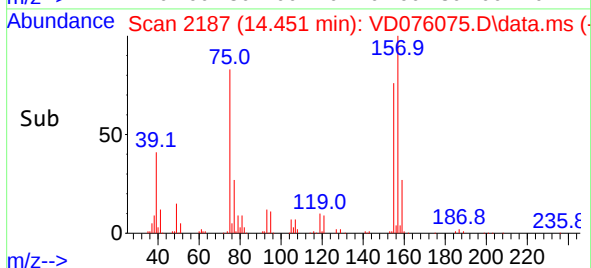
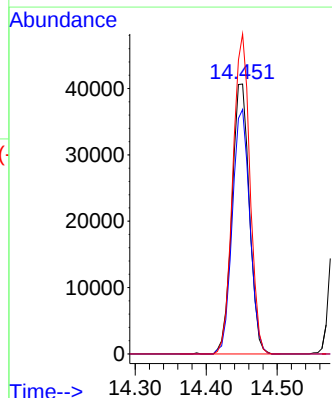
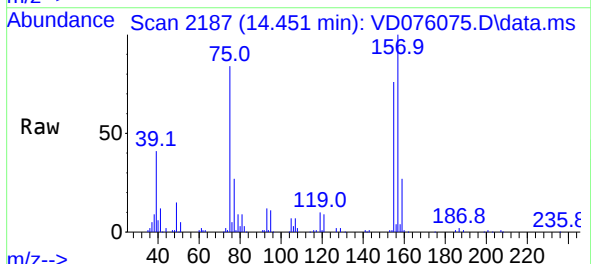
Tgt Ion: 75 Resp: 69504

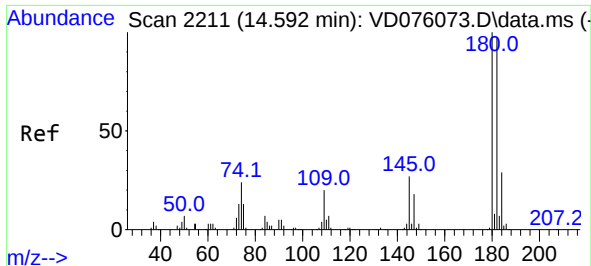
Ion Ratio Lower Upper

75 100

155 90.6 74.6 111.8

157 118.5 109.4 164.2



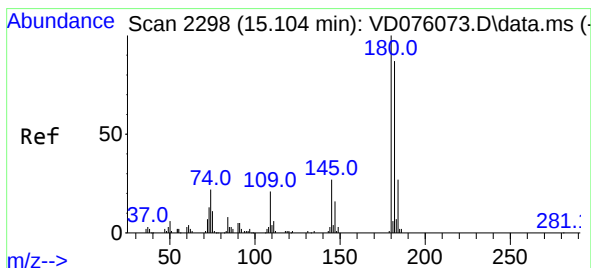
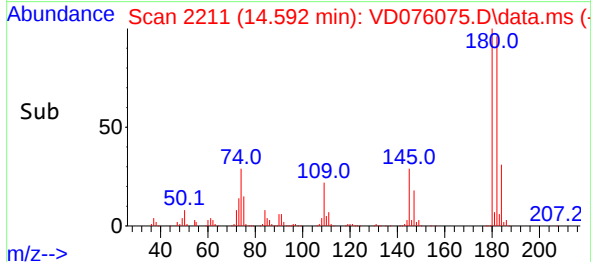
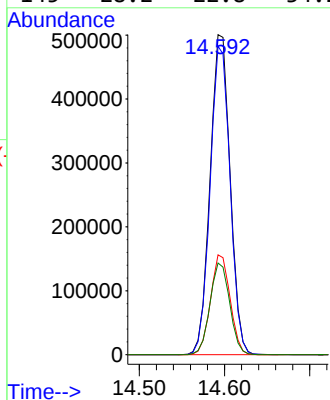
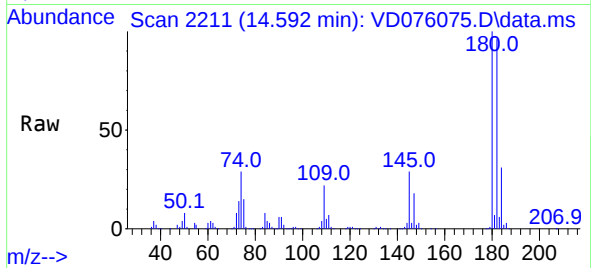


#69
1,3,5-Trichlorobenzene
Concen: 104.028 ug/L
RT: 14.592 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

Tgt Ion:180 Resp: 818417

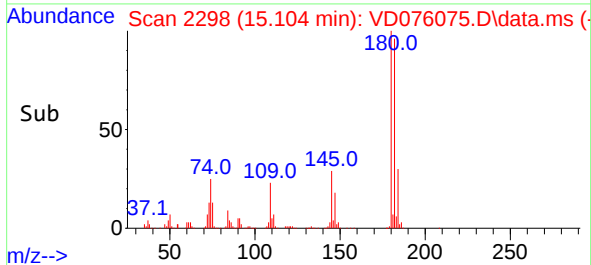
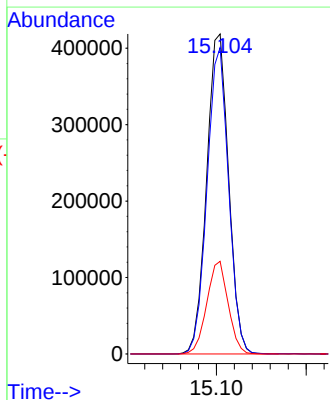
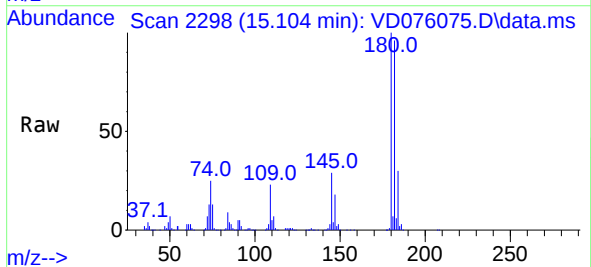
Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.9	112.3
184	30.5	25.0	37.4
145	28.2	22.8	34.2

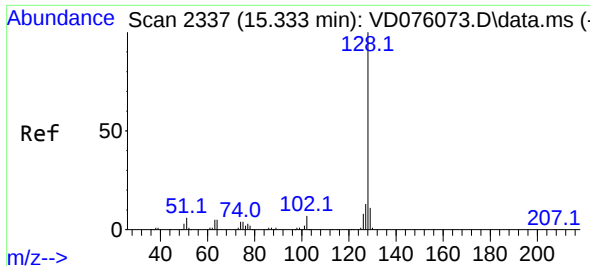


#70
1,2,4-trichlorobenzene
Concen: 114.121 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:180 Resp: 710563

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.2
145	28.2	23.6	35.4



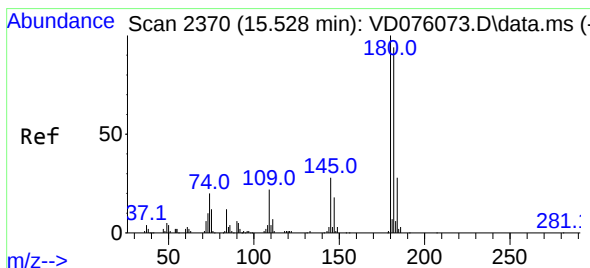
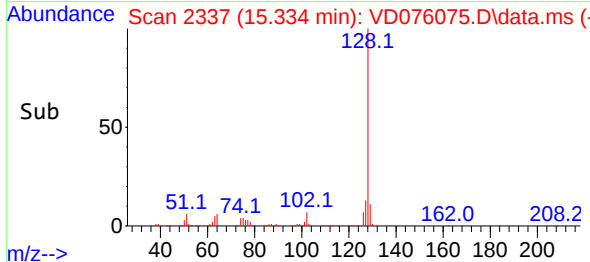
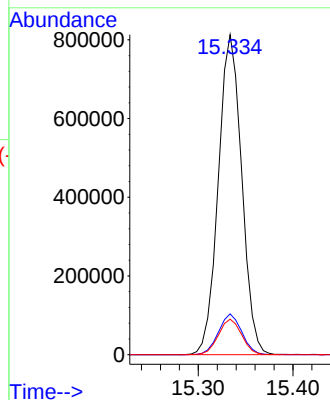
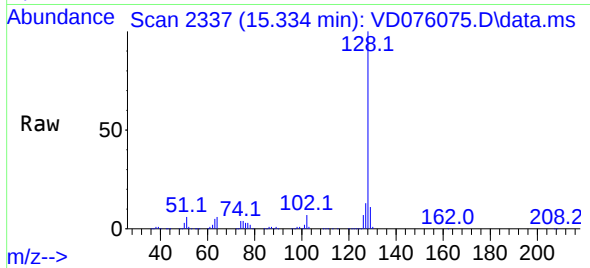


#71
Naphthalene
Concen: 119.302 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD100150

Tgt Ion:128 Resp: 1395882

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 104.210 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076075.D
Acq: 11 May 2023 12:32

Tgt Ion:180 Resp: 590047

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.3	114.5
145	29.5	25.0	37.6

