

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076911.D
 Acq On : 03 Aug 2023 10:06
 Operator : KP/SY
 Sample : VSTD2.558
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5158

Quant Time: Aug 04 01:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	268732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270846	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	23204	3.620	ug/L	0.00
7) Chloroethane-d5	2.799	69	20744	3.857	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	2162	1.294	ug/L	0.00
21) 2-Butanone-d5	6.993	46	4944	4.885	ug/L	0.00
24) Chloroform-d	7.563	84	25332	3.527	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11780	3.322	ug/L	0.00
32) Benzene-d6	8.204	84	45064	2.780	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14691	2.852	ug/L	0.00
41) Toluene-d8	10.269	98	38826	2.575	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	6729	3.113	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	4079	4.808	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	13739	3.506	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	12090	2.615	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	12761	3.075	ug/L	97
3) Chloromethane	2.146	50	15485	2.310	ug/L	98
5) Vinyl chloride	2.281	62	22454	2.969	ug/L	90
6) Bromomethane	2.693	94	15036	3.351	ug/L	97
8) Chloroethane	2.834	64	13750	2.902	ug/L	91
9) Trichlorofluoromethane	3.175	101	17959	3.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	7097	1.917	ug/L #	81
12) 1,1-Dichloroethene	3.934	96	9688	2.724	ug/L	87
13) Acetone	4.022	43	3444	3.807	ug/L	94
14) Carbon disulfide	4.264	76	33596	2.614	ug/L	98
15) Methyl Acetate	4.558	43	5309	2.876	ug/L #	80
16) Methylene chloride	4.805	84	19229	4.015	ug/L #	73
17) trans-1,2-Dichloroethene	5.305	96	11424	2.853	ug/L	77
18) Methyl tert-butyl Ether	5.316	73	20531	2.262	ug/L #	66
19) 1,1-Dichloroethane	6.105	63	19004	2.656	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	12633	2.835	ug/L	85
22) 2-Butanone	7.069	43	4847	3.528	ug/L	85
23) Bromochloromethane	7.428	128	6444	3.331	ug/L #	71
25) Chloroform	7.587	83	11105	1.550	ug/L	92
27) 1,2-Dichloroethane	8.328	62	13541	3.069	ug/L	99
29) Cyclohexane	7.875	56	13633	1.948	ug/L #	76
30) 1,1,1-Trichloroethane	7.793	97	16686	2.626	ug/L	98
31) Carbon tetrachloride	7.993	117	13252	2.578	ug/L	98
33) Benzene	8.252	78	41199	2.305	ug/L	100
34) Trichloroethene	9.028	95	12087	2.638	ug/L	83
35) Methylcyclohexane	9.275	83	17048	2.279	ug/L	88
37) 1,2-Dichloropropane	9.310	63	11148	2.301	ug/L #	95
38) Bromodichloromethane	9.587	83	15389	2.721	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	16050	2.155	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	13301	4.436	ug/L #	83
42) Toluene	10.334	91	45512	2.367	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	14134	2.312	ug/L	87

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

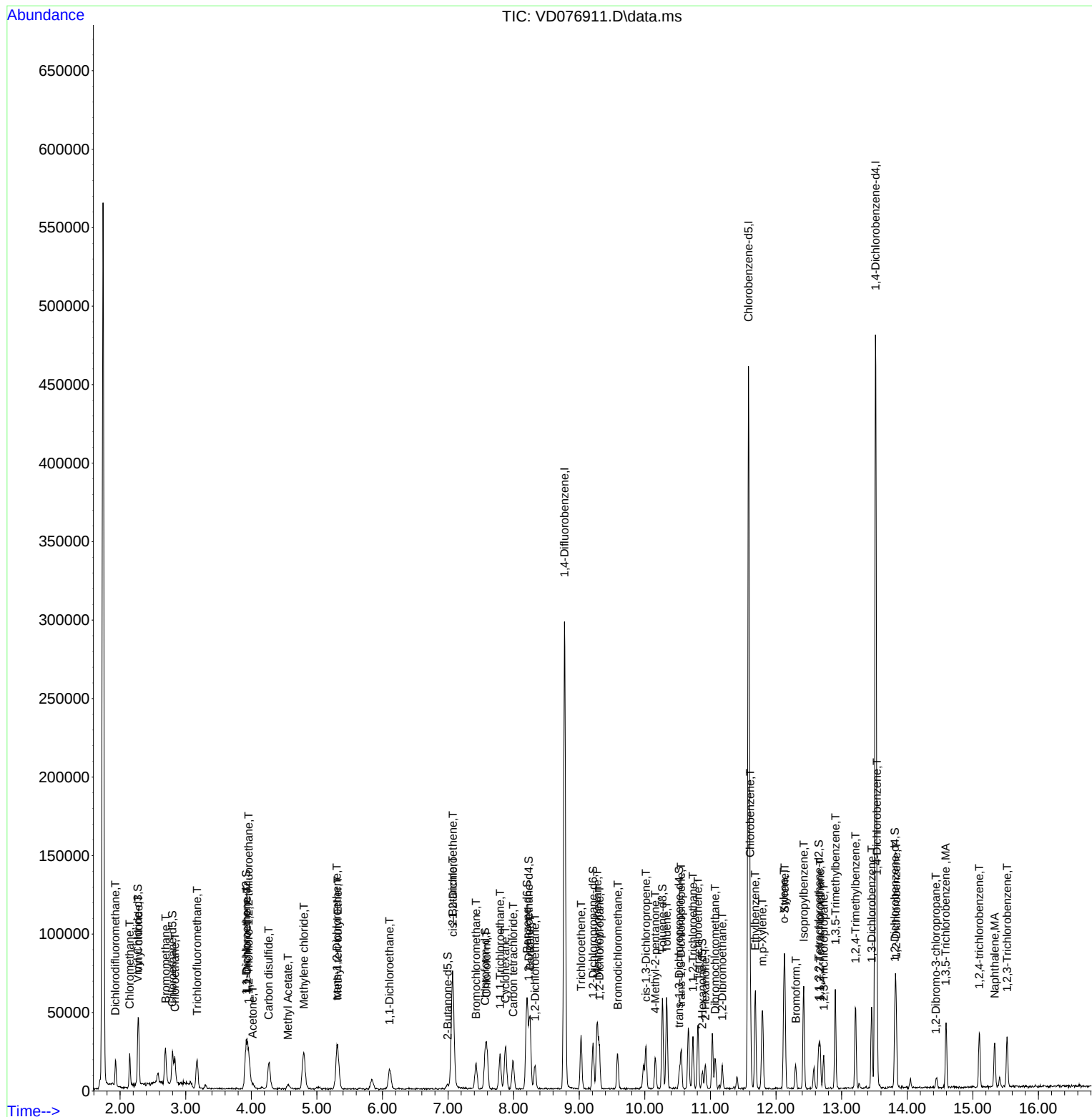
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	9804	2.812	ug/L	91
46) Tetrachloroethene	10.810	164	8401	2.316	ug/L #	82
48) 2-Hexanone	10.922	43	9166	4.337	ug/L #	92
49) Dibromochloromethane	11.069	129	11337	2.900	ug/L	85
50) 1,2-Dibromoethane	11.181	107	9589	2.836	ug/L #	71
51) Chlorobenzene	11.604	112	30962	2.577	ug/L	96
52) Ethylbenzene	11.681	91	45612	2.202	ug/L	98
53) m,p-Xylene	11.793	106	17729	2.182	ug/L	78
54) o-Xylene	12.122	106	16735	2.164	ug/L	93
55) Styrene	12.134	104	29422	2.175	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.675	83	12068	2.972	ug/L	96
59) Bromoform	12.304	173	6528	2.788	ug/L #	96
60) Isopropylbenzene	12.422	105	42428	2.175	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	7709	2.980	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	30821	1.995	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	30125	1.963	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	21428	2.478	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	22626	2.572	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	20131	2.582	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.439	75	2087	3.660	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.586	180	12967	2.266	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	11883	2.338	ug/L	89
71) Naphthalene	15.334	128	25686	2.533	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	9839	2.202	ug/L	97

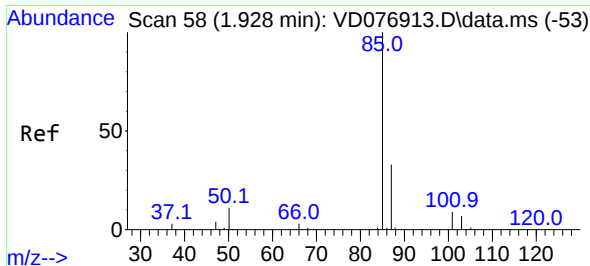
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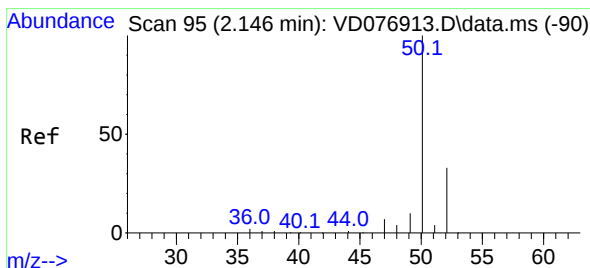
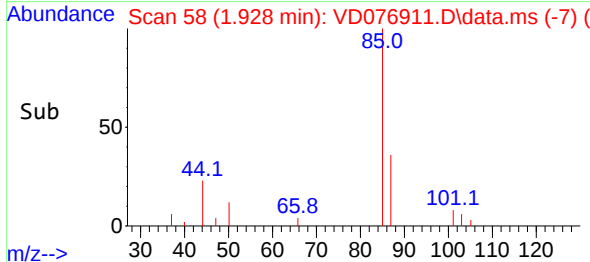
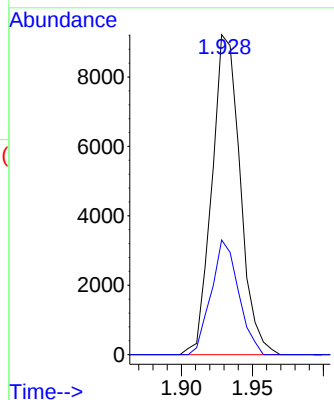
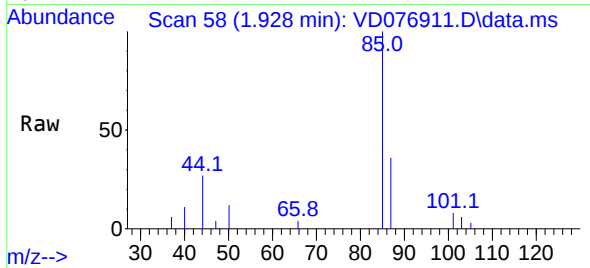




#2
 Dichlorodifluoromethane
 Concen: 3.075 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD076911.D
 Acq: 03 Aug 2023 10:06

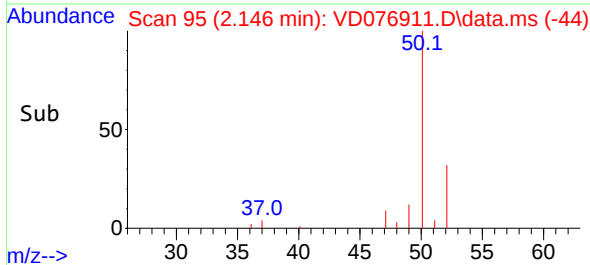
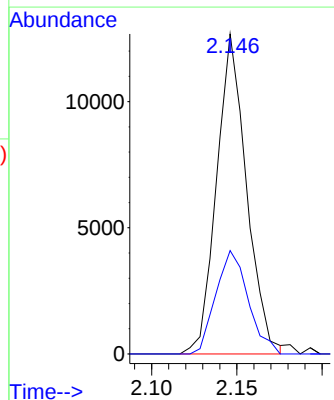
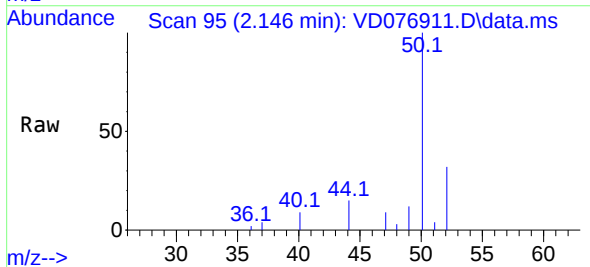
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 ClientSampleId :
 VSTD2.5158

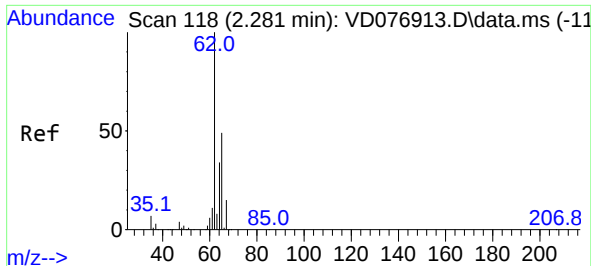
Tgt Ion: 85 Resp: 12761
 Ion Ratio Lower Upper
 85 100
 87 34.7 26.3 39.5



#3
 Chloromethane
 Concen: 2.310 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076911.D
 Acq: 03 Aug 2023 10:06

Tgt Ion: 50 Resp: 15485
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

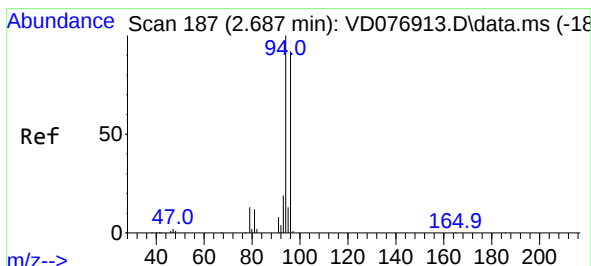
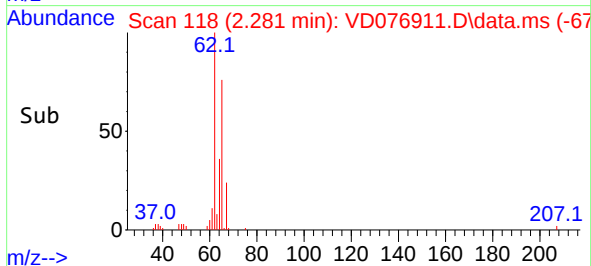
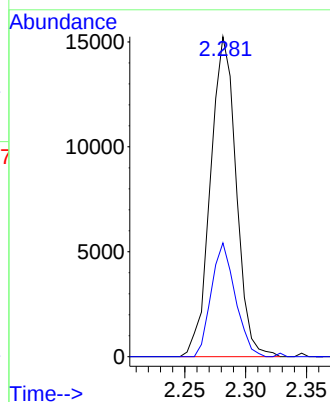
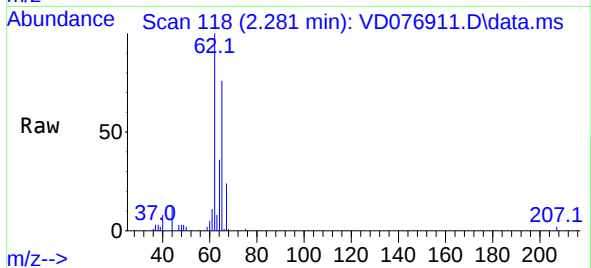




#5
 Vinyl chloride
 Concen: 2.969 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076911.D
 Acq: 03 Aug 2023 10:06

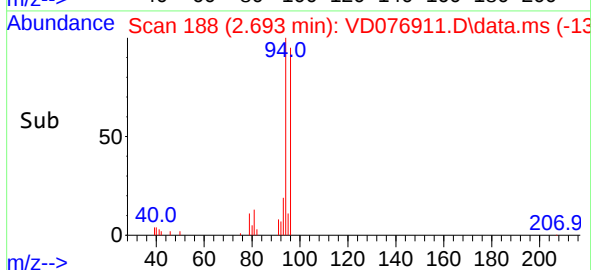
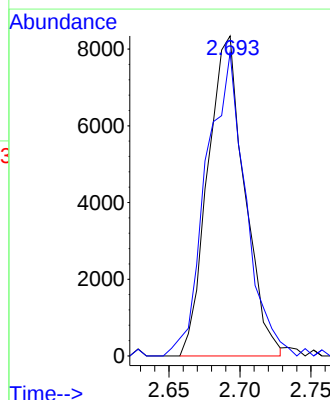
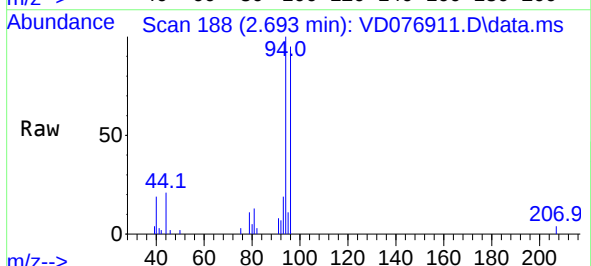
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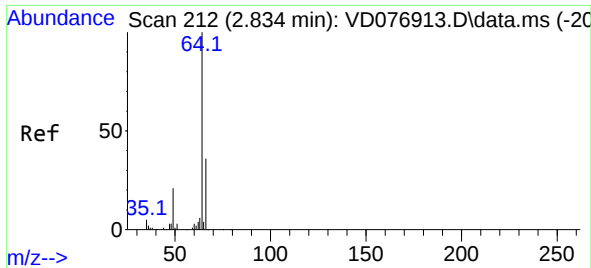
Tgt Ion: 62 Resp: 22454
 Ion Ratio Lower Upper
 62 100
 64 35.6 21.1 39.1



#6
 Bromomethane
 Concen: 3.351 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076911.D
 Acq: 03 Aug 2023 10:06

Tgt Ion: 94 Resp: 15036
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.7 120.1

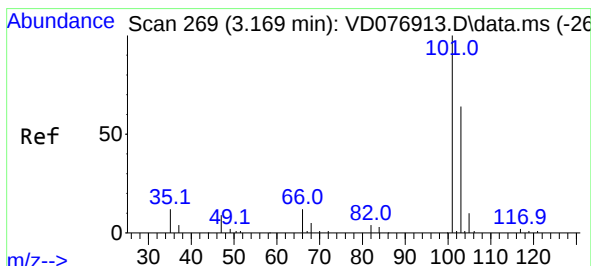
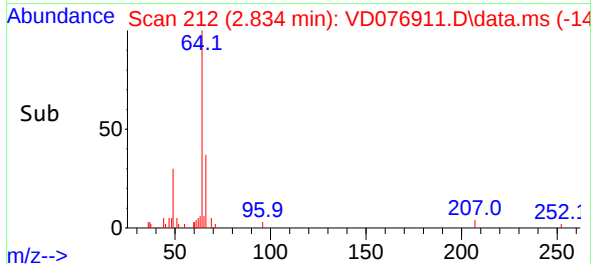
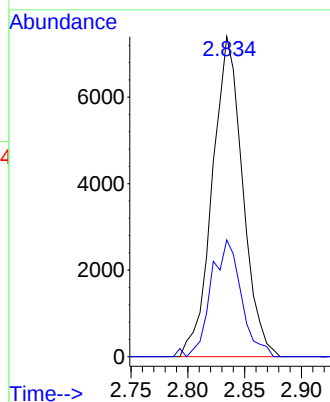
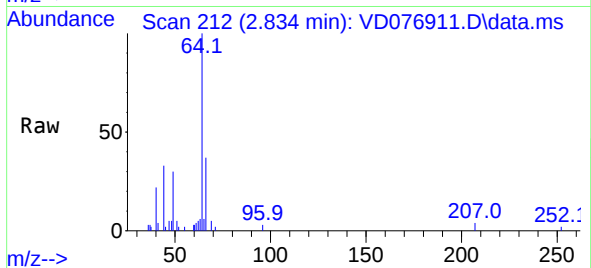




#8
Chloroethane
Concen: 2.902 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

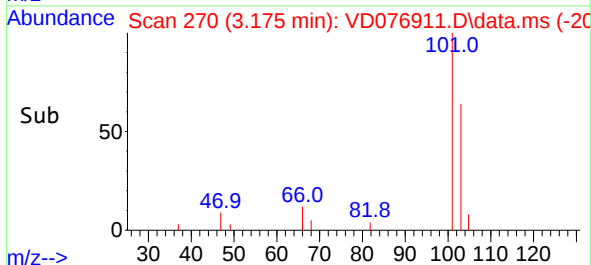
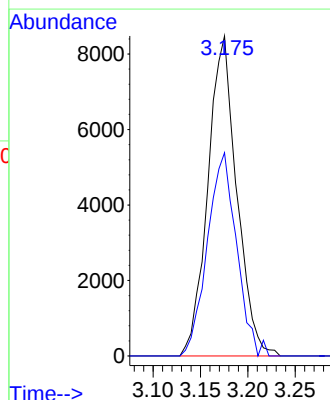
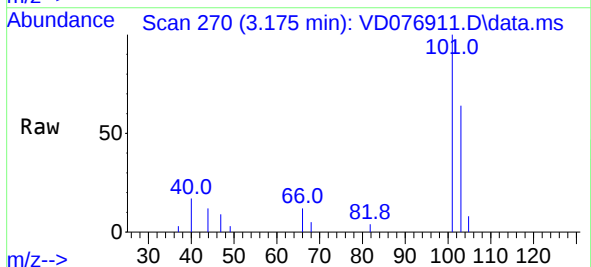
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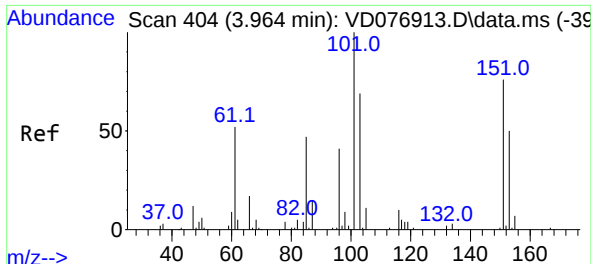
Tgt Ion: 64 Resp: 13750
Ion Ratio Lower Upper
64 100
66 36.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 3.153 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:101 Resp: 17959
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

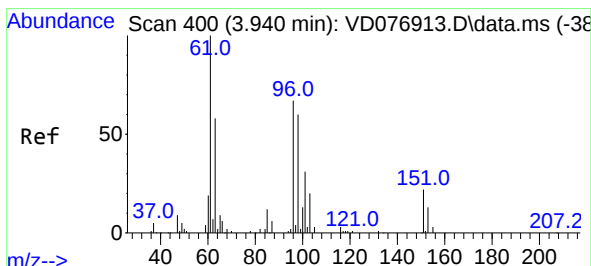
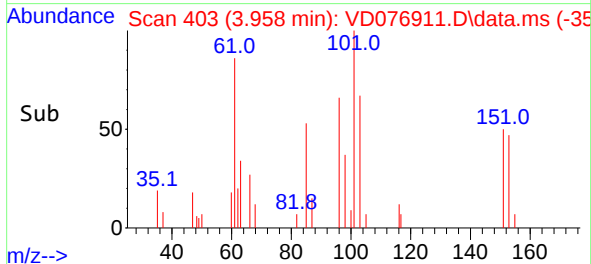
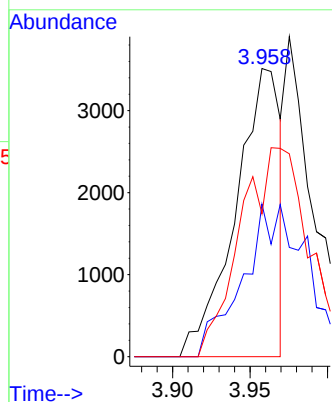
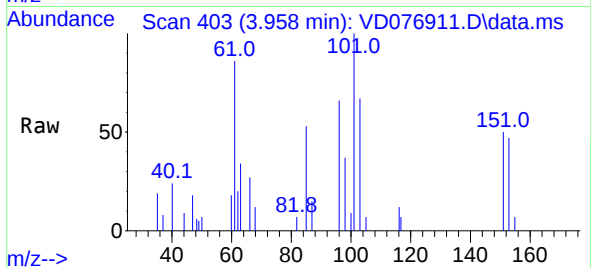




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.917 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

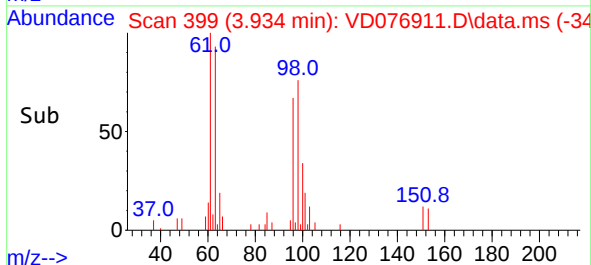
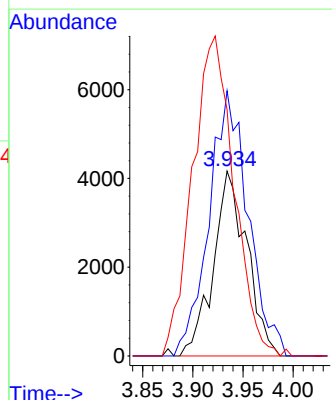
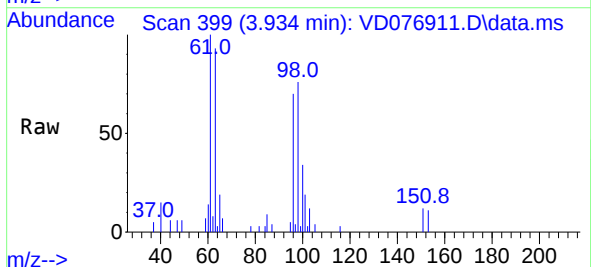
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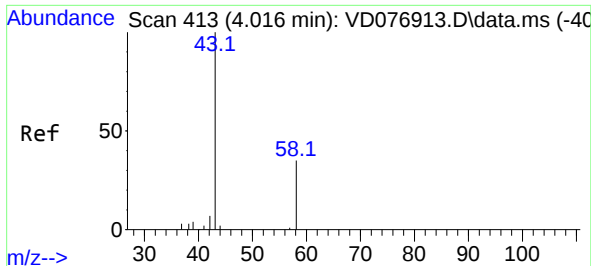
Tgt Ion:101 Resp: 7097
Ion Ratio Lower Upper
101 100
85 20.4 35.5 53.3#
151 66.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 2.724 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 96 Resp: 9688
Ion Ratio Lower Upper
96 100
61 143.4 113.0 209.8
63 133.3 83.6 155.2





#13

Acetone

Concen: 3.807 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_D

ClientSampleId :

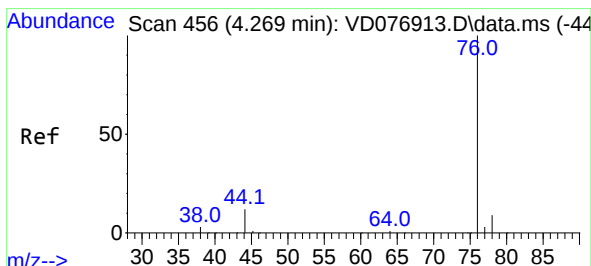
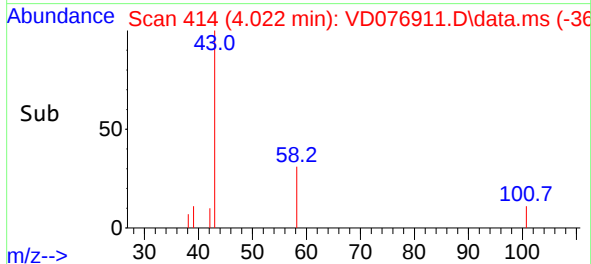
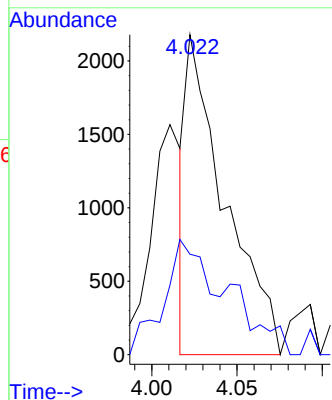
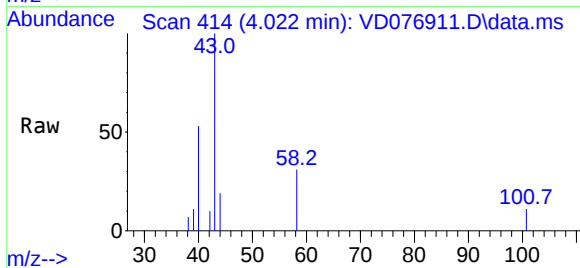
VSTD2.5158

Tgt Ion: 43 Resp: 3444

Ion Ratio Lower Upper

43 100

58 30.0 0.0 67.4



#14

Carbon disulfide

Concen: 2.614 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076911.D

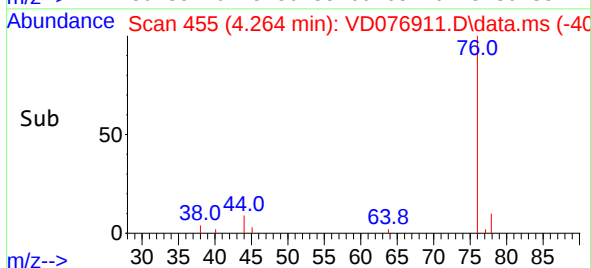
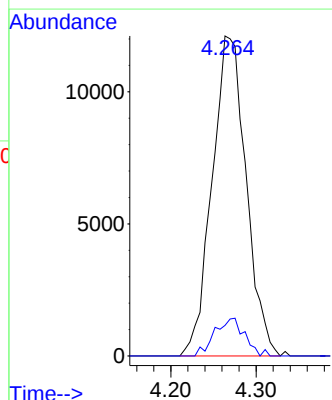
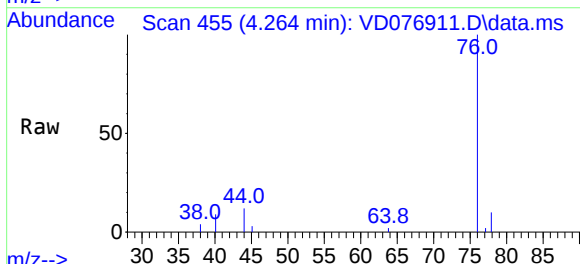
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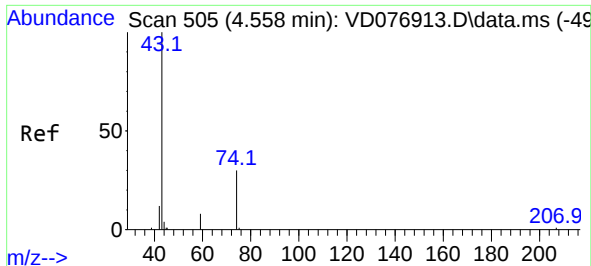
Tgt Ion: 76 Resp: 33596

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

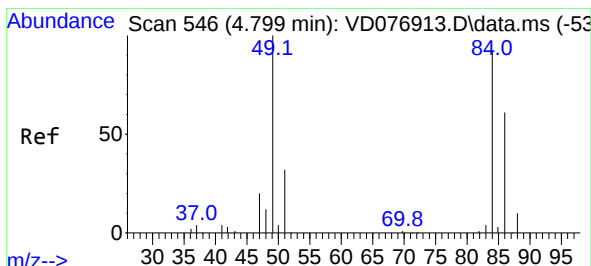
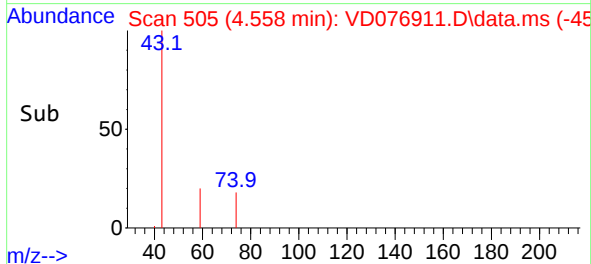
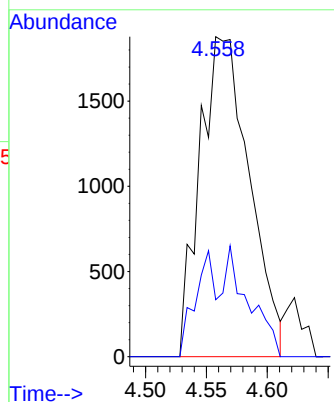
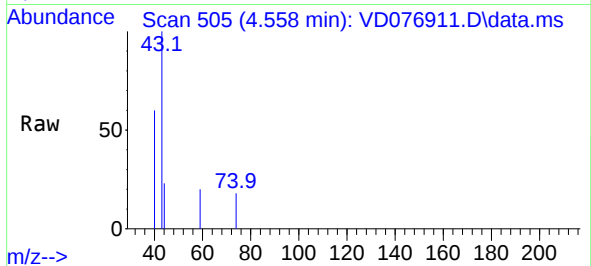




#15
Methyl Acetate
Concen: 2.876 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

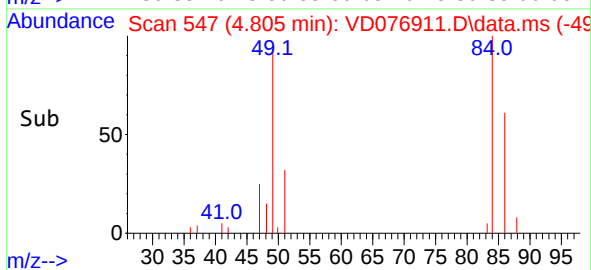
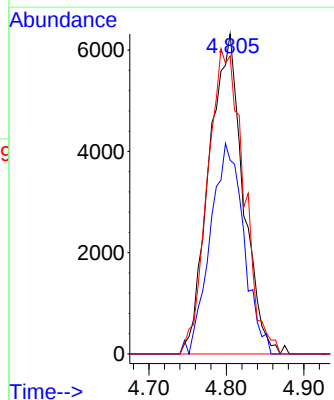
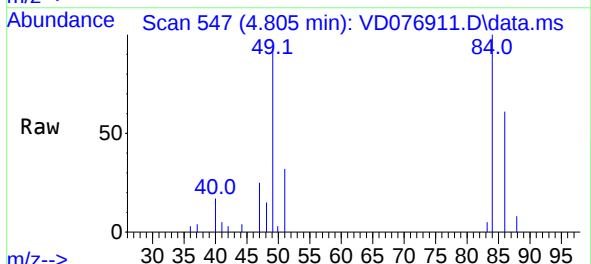
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

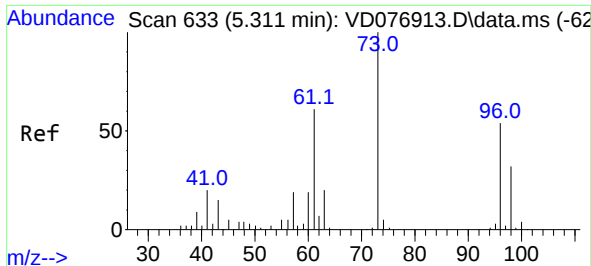
Tgt Ion: 43 Resp: 5309
Ion Ratio Lower Upper
43 100
74 13.3 18.2 27.2#



#16
Methylene chloride
Concen: 4.015 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 84 Resp: 19229
Ion Ratio Lower Upper
84 100
86 60.6 45.1 83.9
49 93.2 97.2 180.6#

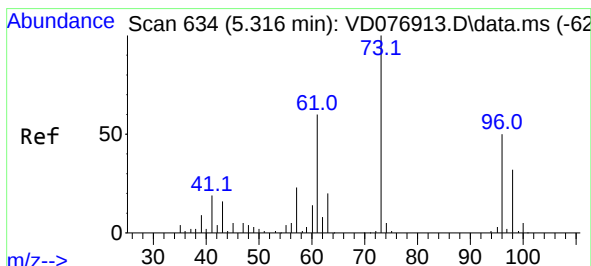
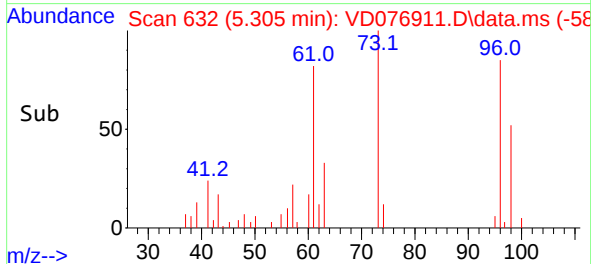
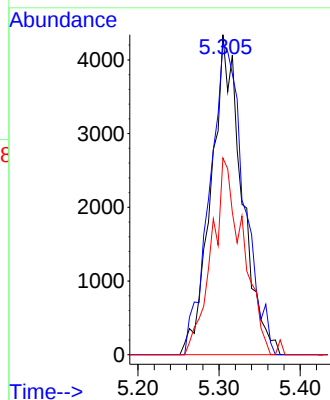
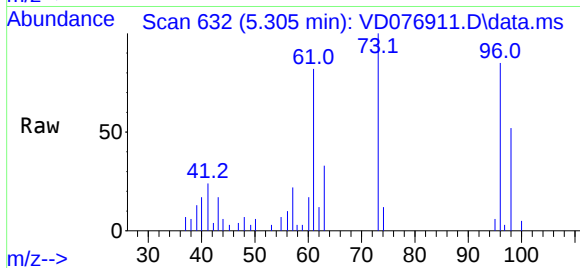




#17
trans-1,2-Dichloroethene
Concen: 2.853 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

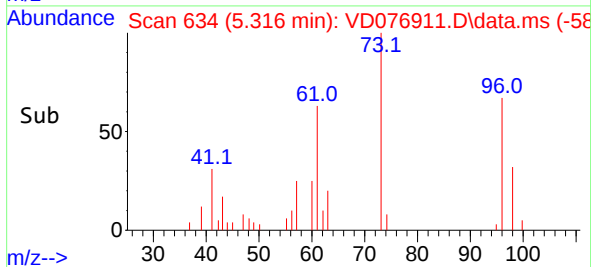
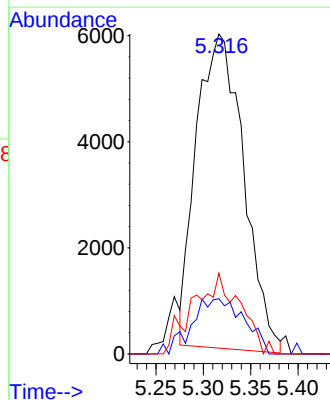
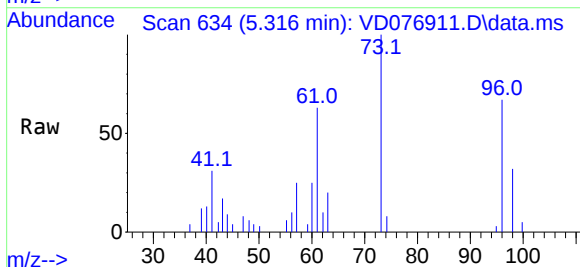
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

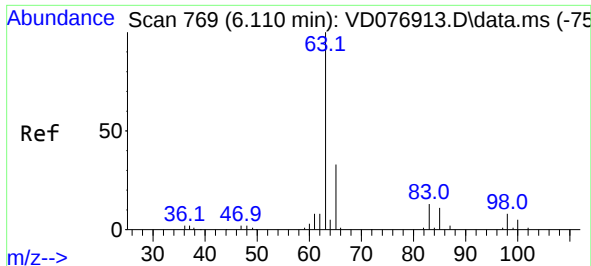
Tgt Ion: 96 Resp: 11424
Ion Ratio Lower Upper
96 100
61 97.3 94.5 175.5
98 61.4 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 2.262 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 73 Resp: 20531
Ion Ratio Lower Upper
73 100
43 12.3 7.2 10.8#
57 1.8 18.6 28.0#





#19

1,1-Dichloroethane

Concen: 2.656 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5158

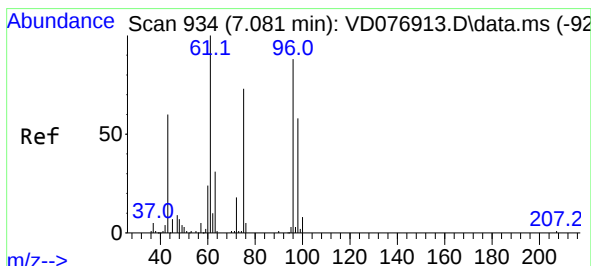
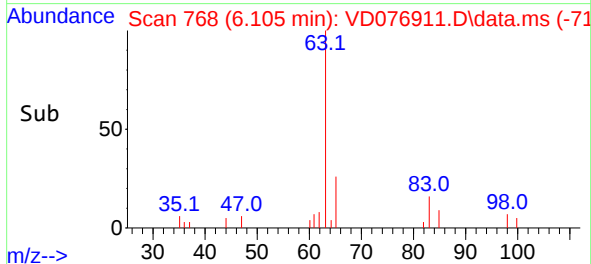
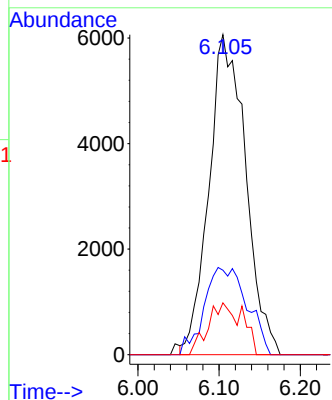
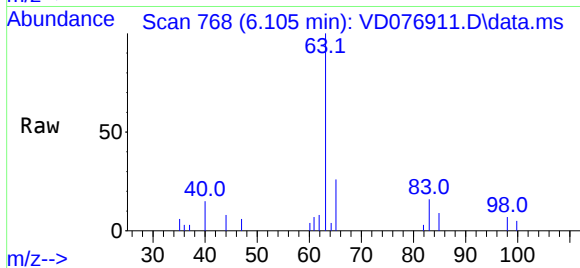
Tgt Ion: 63 Resp: 19004

Ion Ratio Lower Upper

63 100

65 26.4 20.8 38.6

83 16.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 2.835 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

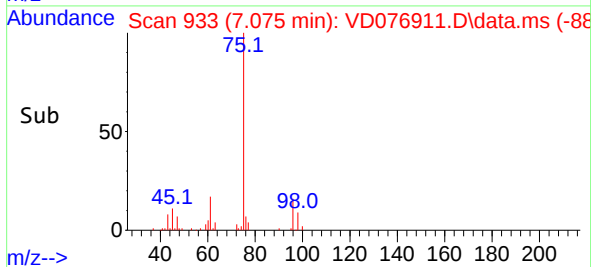
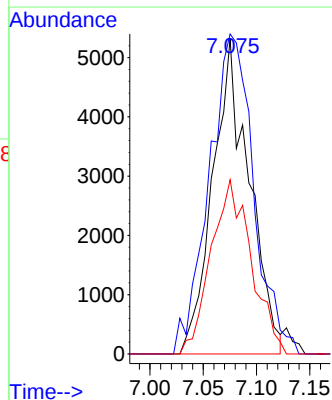
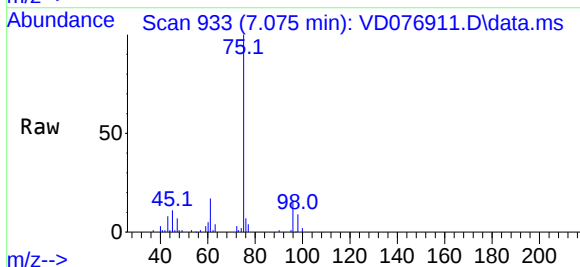
Tgt Ion: 96 Resp: 12633

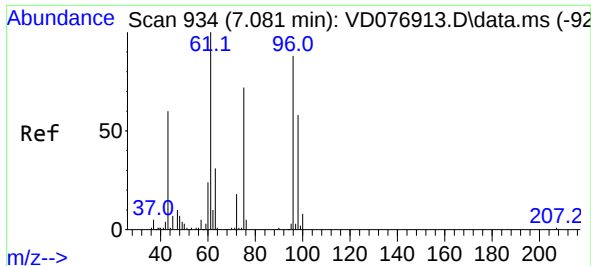
Ion Ratio Lower Upper

96 100

61 101.3 86.0 159.6

98 55.2 42.2 78.4

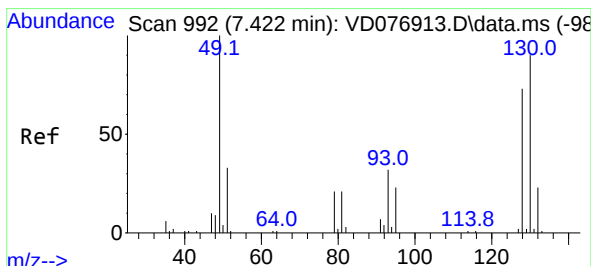
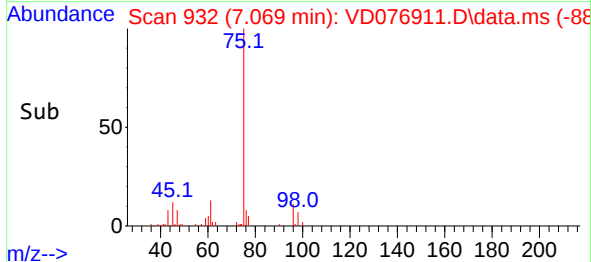
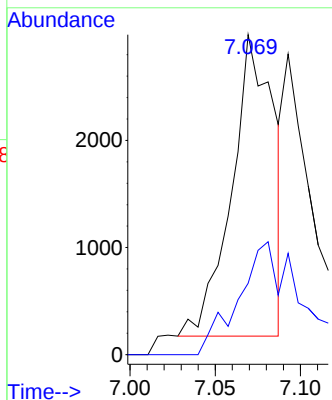
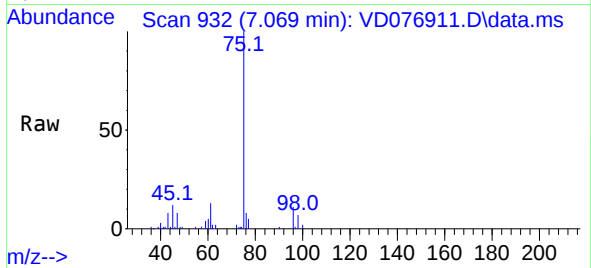




#22
2-Butanone
Concen: 3.528 ug/L
RT: 7.069 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

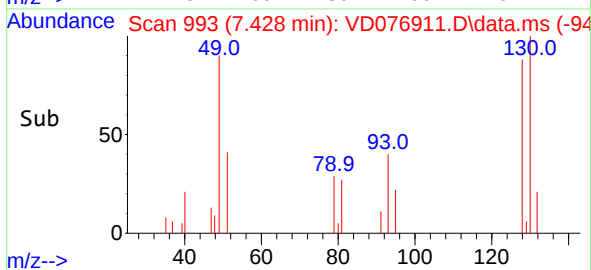
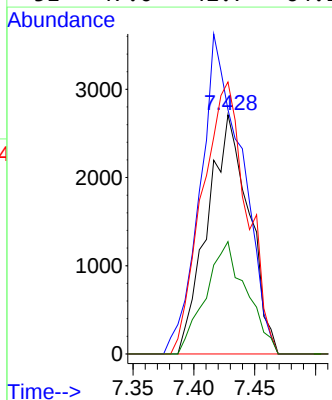
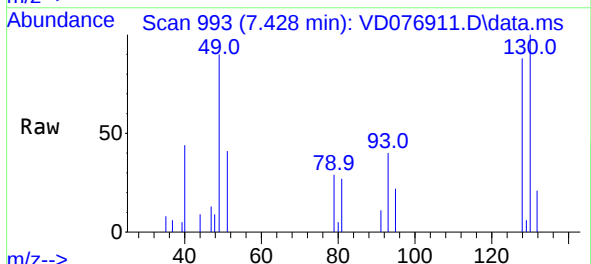
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

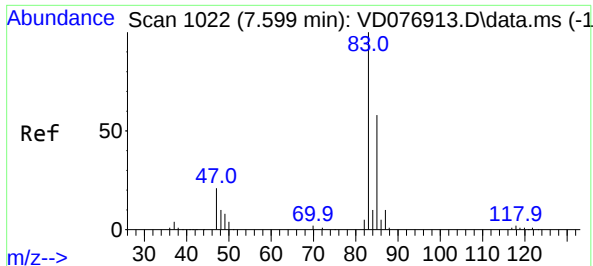
Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
72 33.5 12.9 38.7



#23
Bromochloromethane
Concen: 3.331 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 128 Resp: 6444
Ion Ratio Lower Upper
128 100
49 102.1 124.7 231.7#
130 113.7 80.0 148.6
51 47.0 42.7 64.1

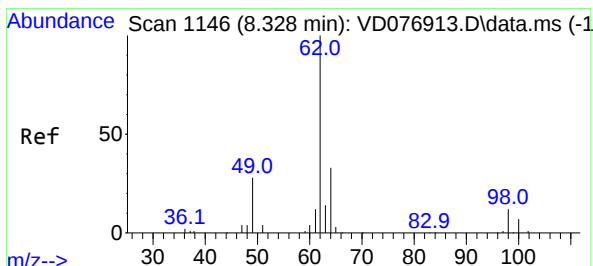
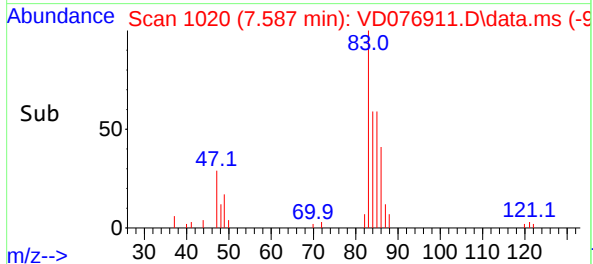
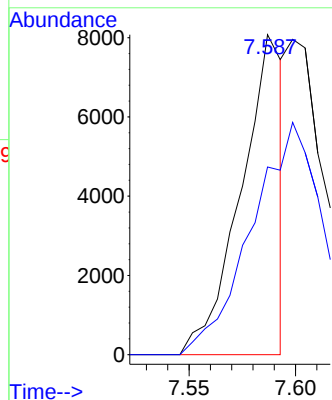
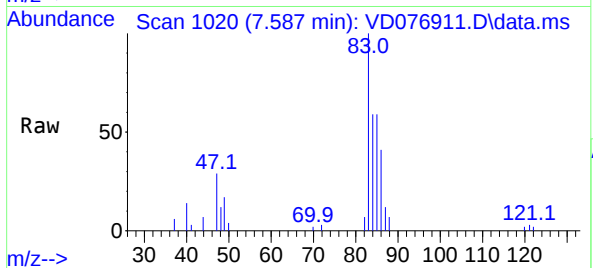




#25
Chloroform
Concen: 1.550 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

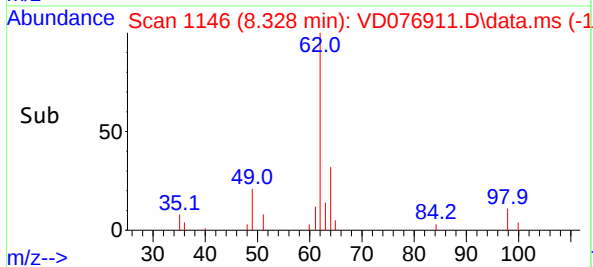
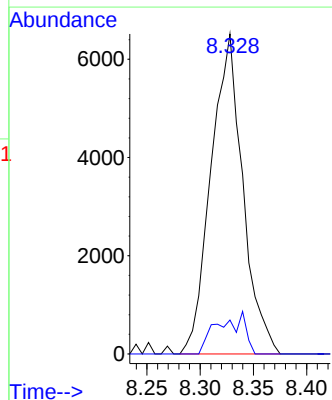
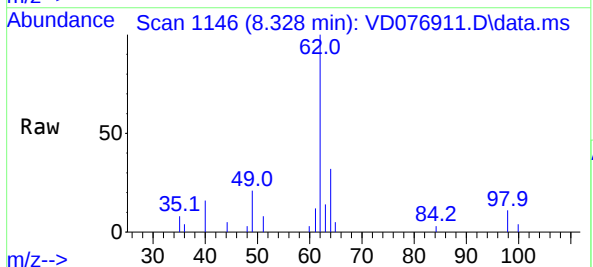
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

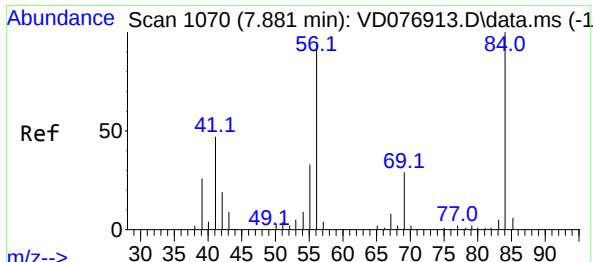
Tgt Ion: 83 Resp: 11105
Ion Ratio Lower Upper
83 100
85 58.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 3.069 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 62 Resp: 13541
Ion Ratio Lower Upper
62 100
98 10.6 8.7 13.1





#29

Cyclohexane

Concen: 1.948 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5158

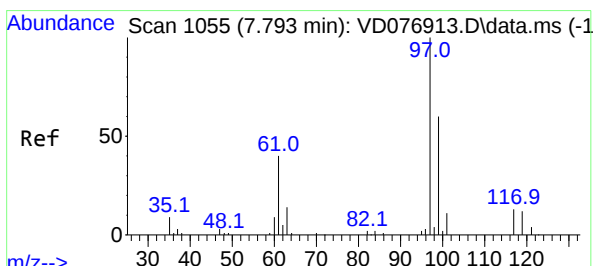
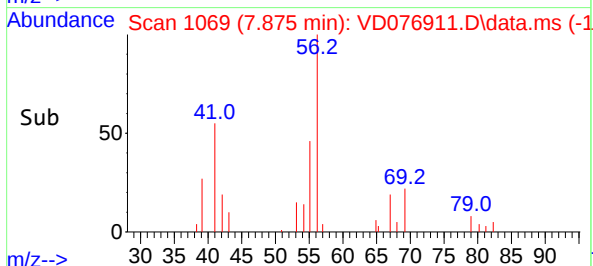
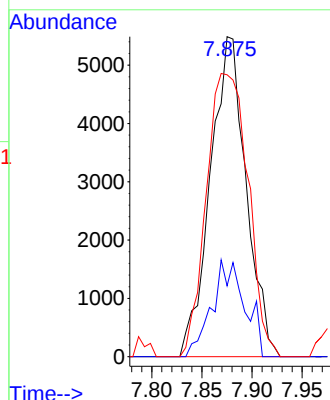
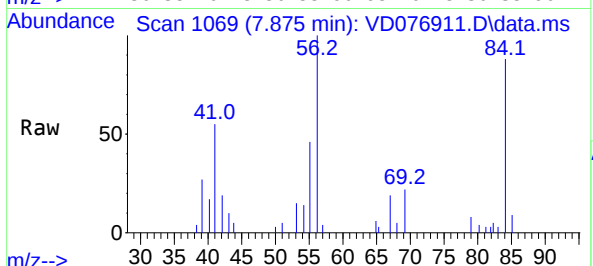
Tgt Ion: 56 Resp: 13633

Ion Ratio Lower Upper

56 100

69 14.3 23.4 35.0#

84 102.9 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 2.626 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

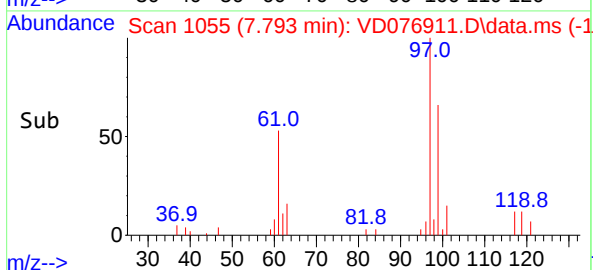
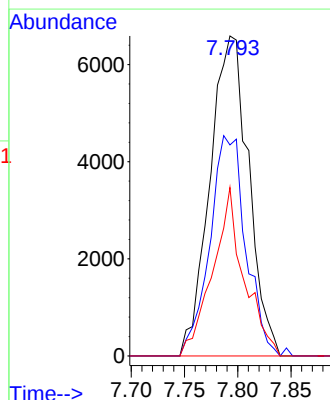
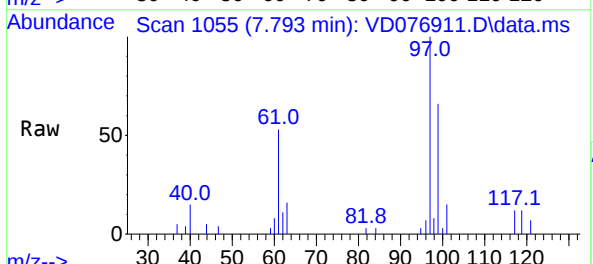
Tgt Ion: 97 Resp: 16686

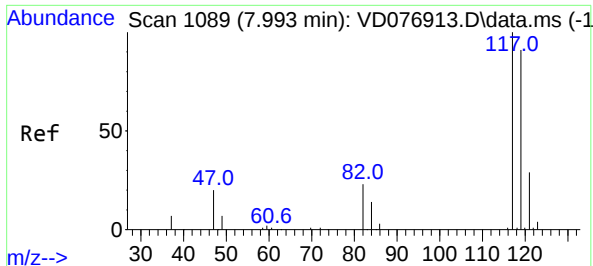
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 42.6 36.4 54.6

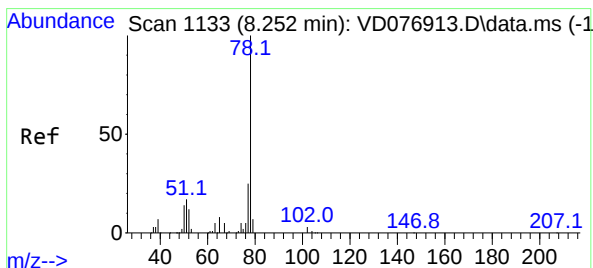
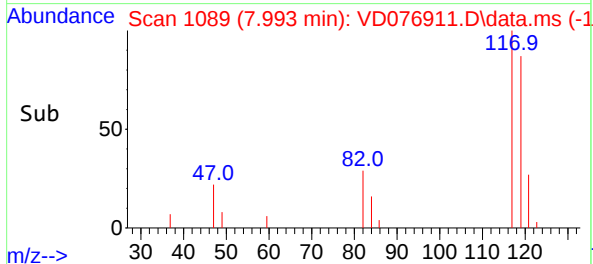
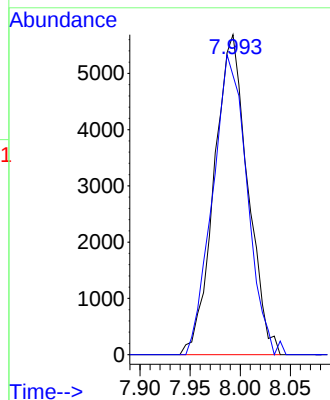
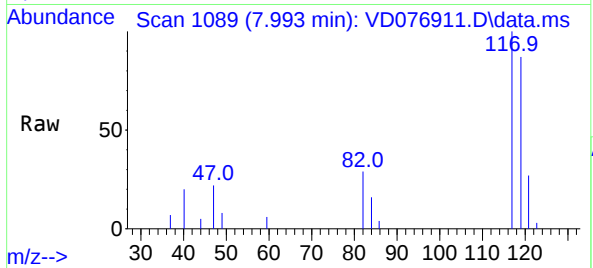




#31
Carbon tetrachloride
Concen: 2.578 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

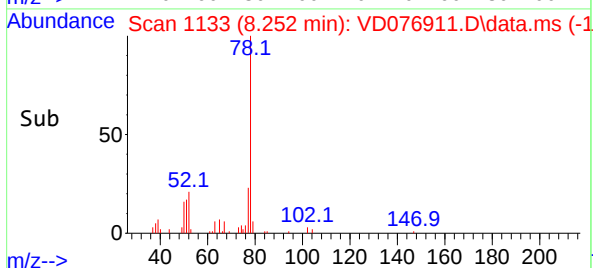
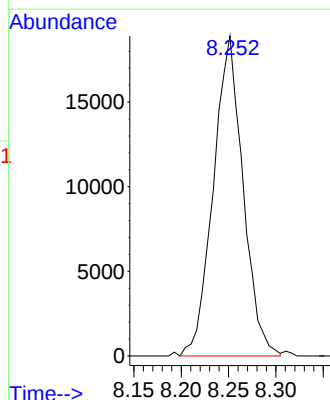
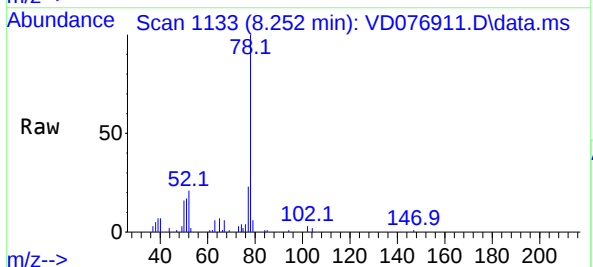
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

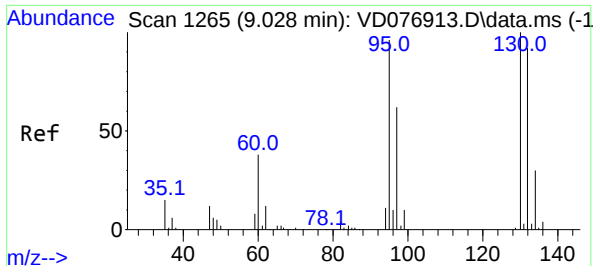
Tgt Ion:117 Resp: 13252
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6



#33
Benzene
Concen: 2.305 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 78 Resp: 41199



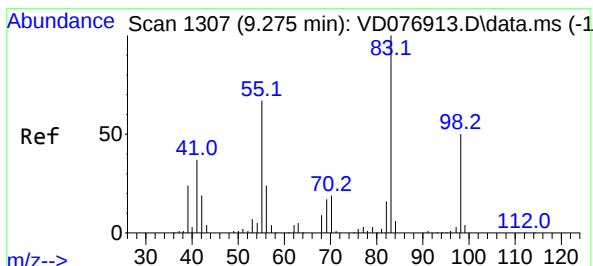
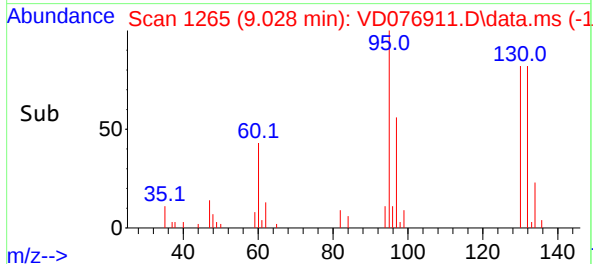
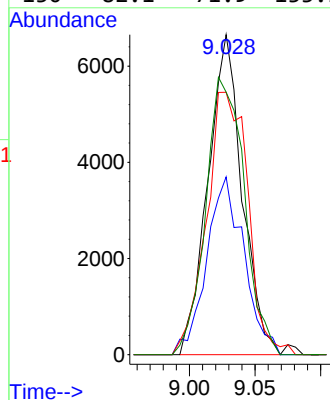
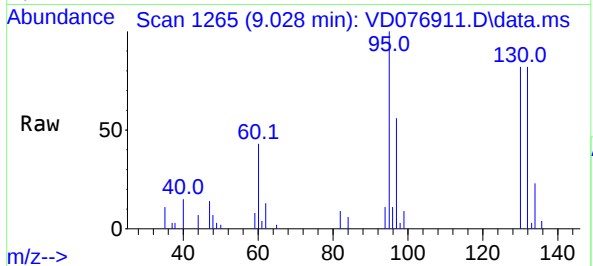


#34
Trichloroethene
Concen: 2.638 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

Tgt Ion: 95 Resp: 12087

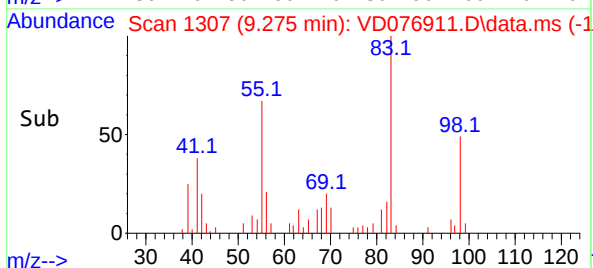
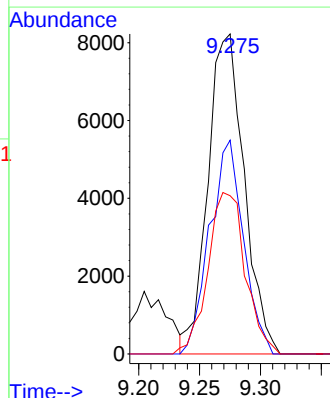
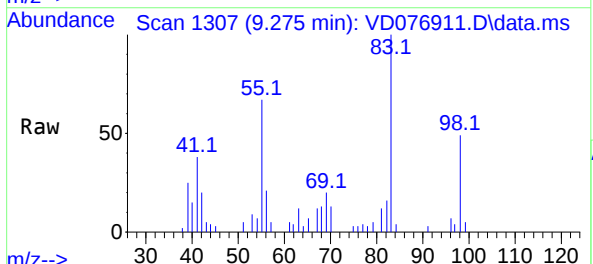
Ion	Ratio	Lower	Upper
95	100		
97	55.5	43.1	80.1
132	82.0	71.8	133.4
130	82.1	71.9	133.5

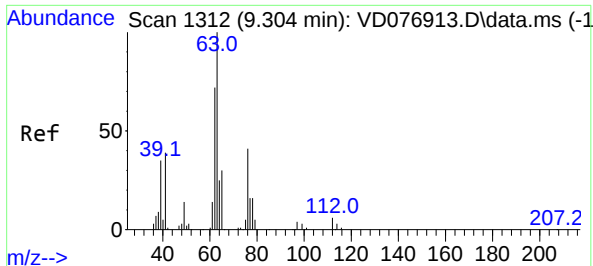


#35
Methylcyclohexane
Concen: 2.279 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 83 Resp: 17048

Ion	Ratio	Lower	Upper
83	100		
55	62.1	59.8	89.6
98	52.0	37.8	56.6

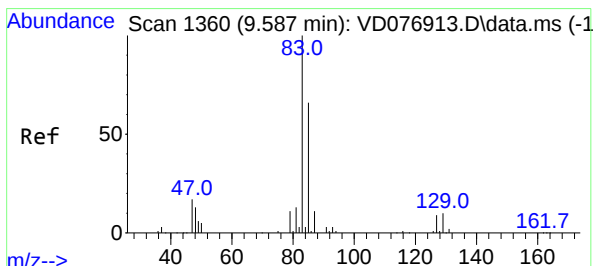
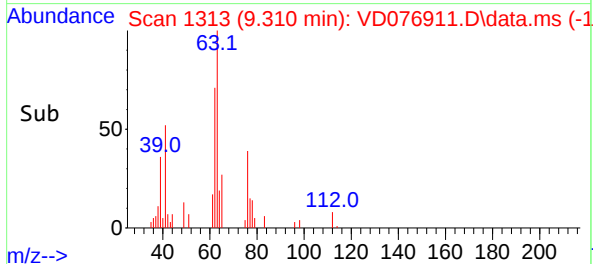
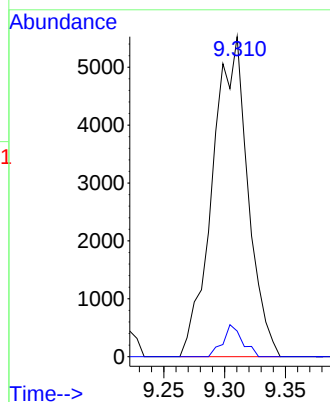
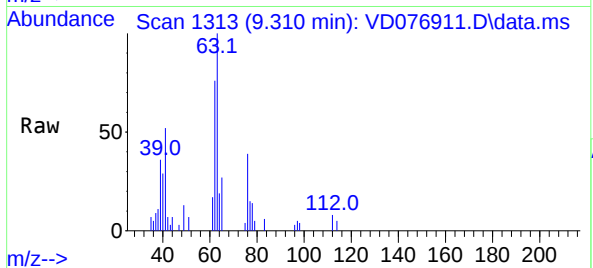




#37
1,2-Dichloropropane
Concen: 2.301 ug/L
RT: 9.310 min Scan# 11148
Delta R.T. 0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

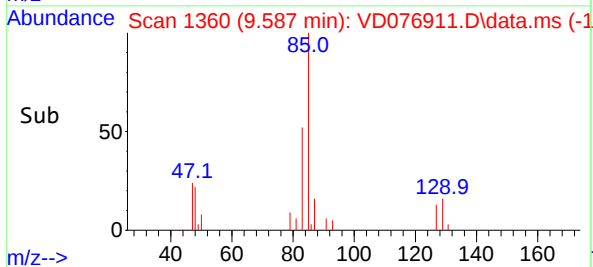
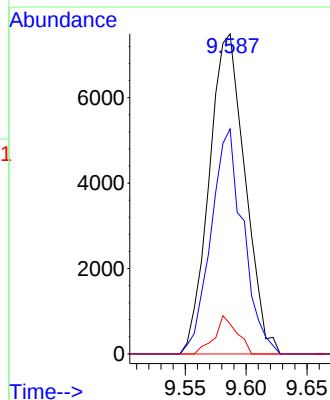
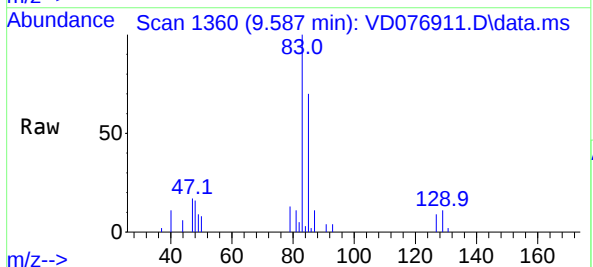
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

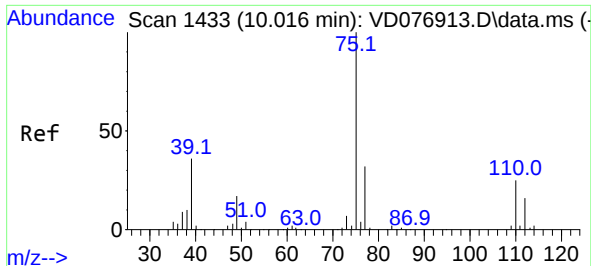
Tgt Ion: 63 Resp: 11148
Ion Ratio Lower Upper
63 100
112 5.5 3.1 4.7#



#38
Bromodichloromethane
Concen: 2.721 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 83 Resp: 15389
Ion Ratio Lower Upper
83 100
85 70.3 43.9 81.5
127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 2.155 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_D

ClientSampleId :

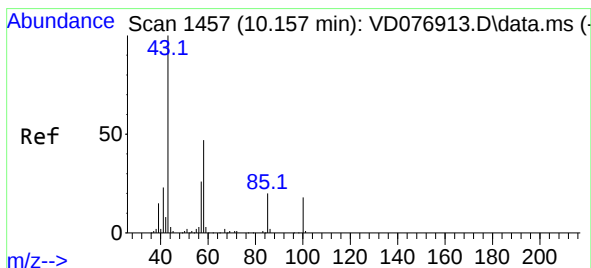
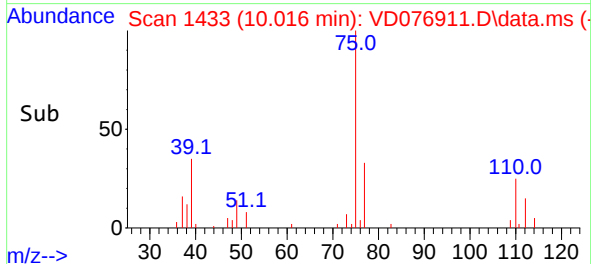
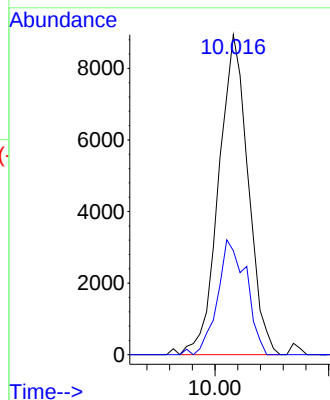
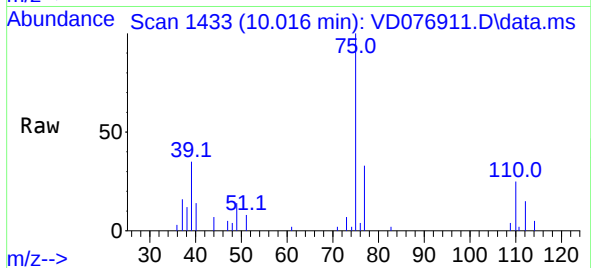
VSTD2.5158

Tgt Ion: 75 Resp: 16050

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 4.436 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

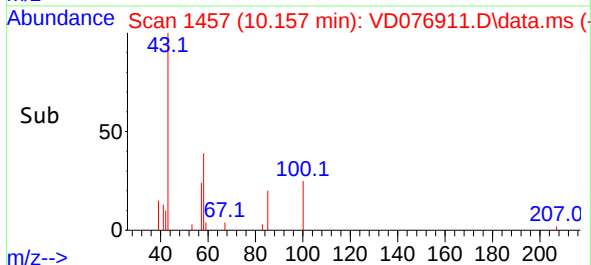
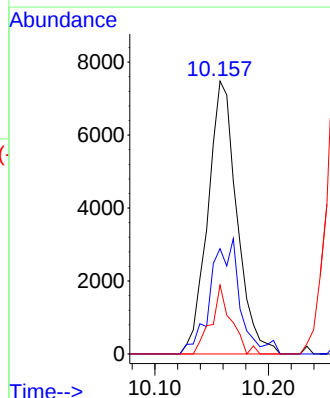
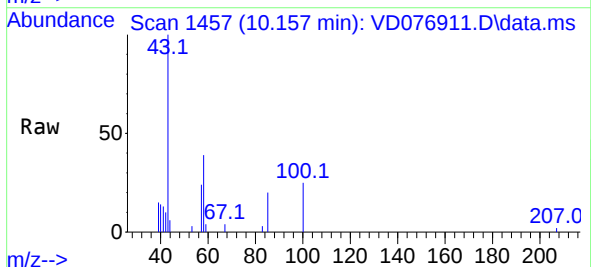
Tgt Ion: 43 Resp: 13301

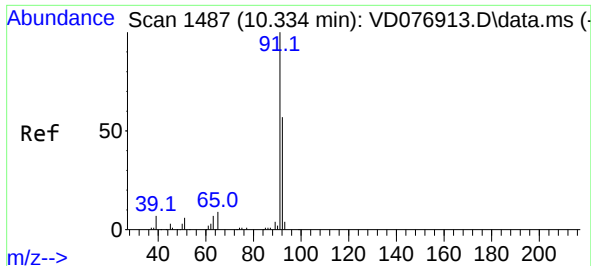
Ion Ratio Lower Upper

43 100

58 26.3 30.7 46.1#

100 16.6 11.0 16.4#

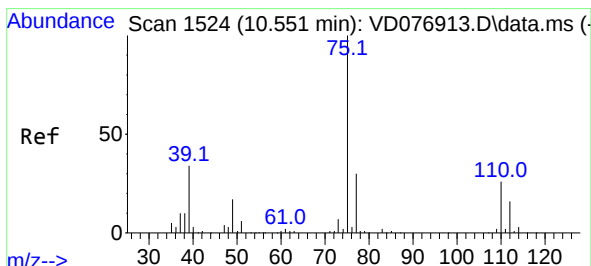
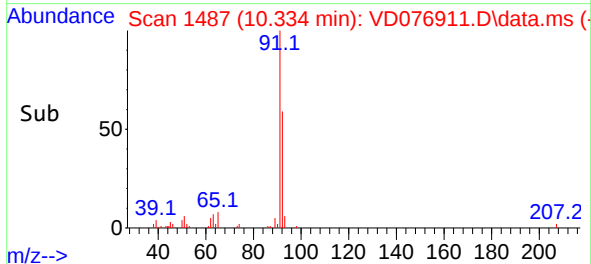
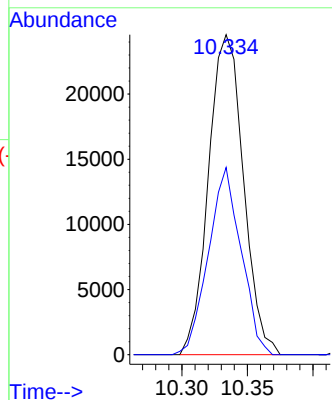
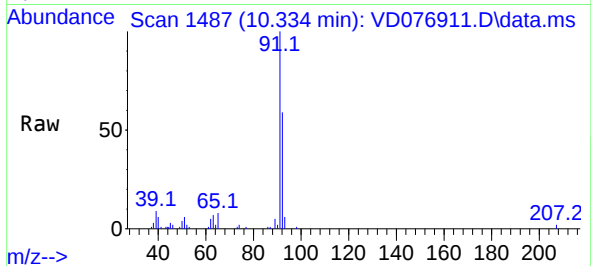




#42
Toluene
Concen: 2.367 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

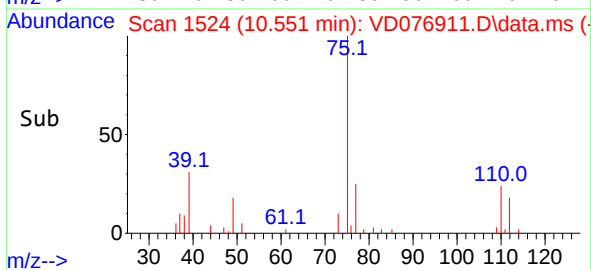
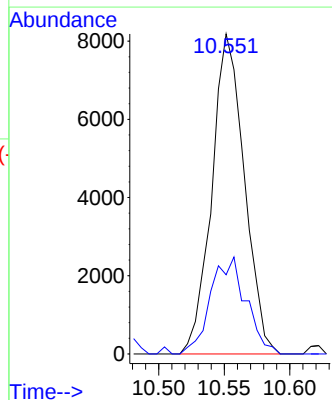
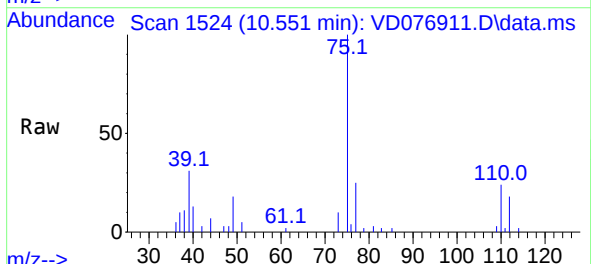
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

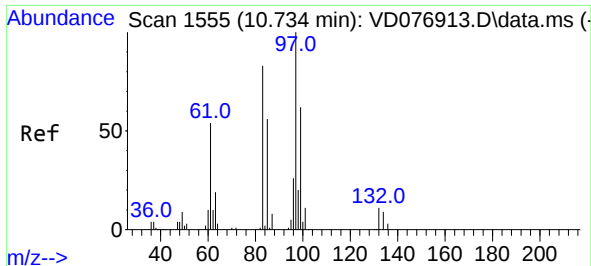
Tgt Ion: 91 Resp: 45512
Ion Ratio Lower Upper
91 100
92 58.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 2.312 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

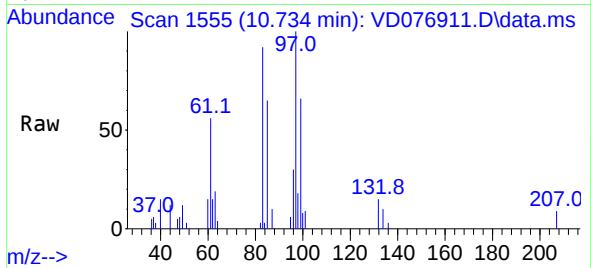
Tgt Ion: 75 Resp: 14134
Ion Ratio Lower Upper
75 100
77 24.8 22.5 41.7





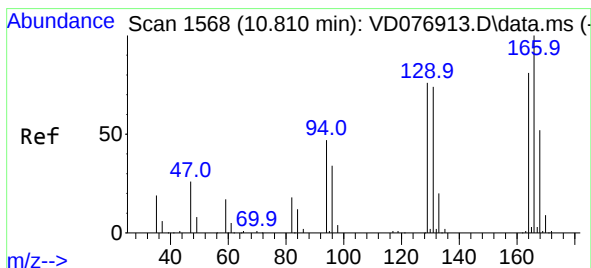
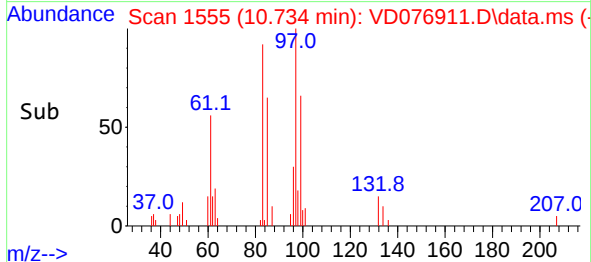
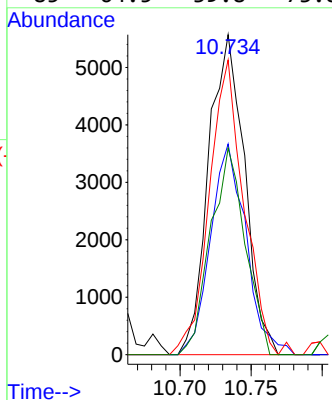
#45
1,1,2-Trichloroethane
Concen: 2.812 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158



Tgt Ion: 97 Resp: 9804

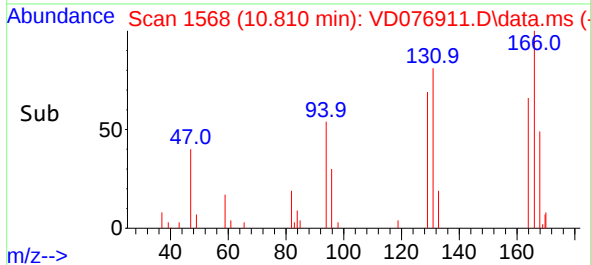
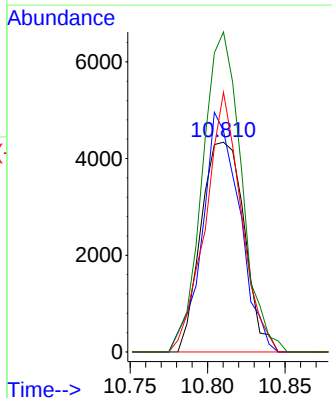
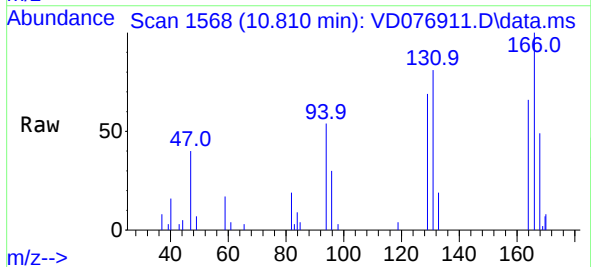
Ion	Ratio	Lower	Upper
97	100		
99	65.8	41.9	77.9
83	92.1	59.2	110.0
85	64.5	39.8	73.8

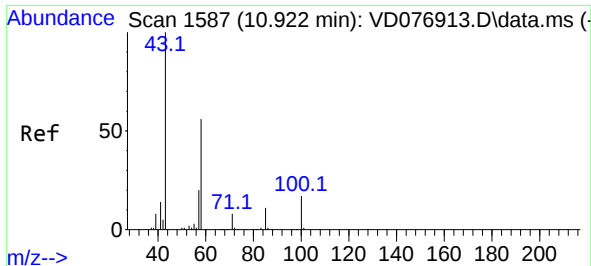


#46
Tetrachloroethene
Concen: 2.316 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 164 Resp: 8401

Ion	Ratio	Lower	Upper
164	100		
129	105.5	65.5	121.6
131	123.8	64.8	120.3#
166	152.6	97.2	180.4

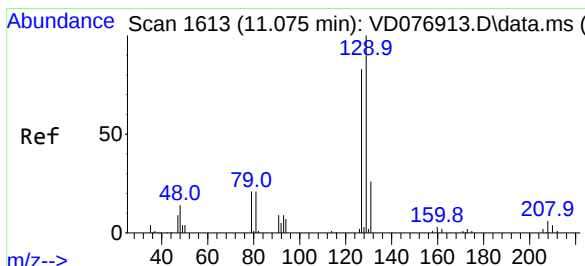
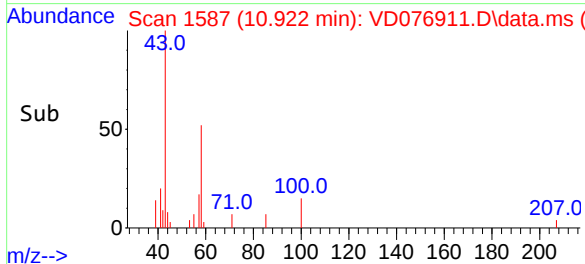
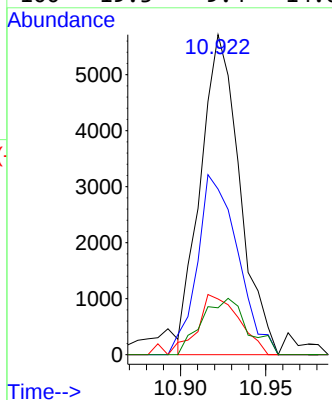
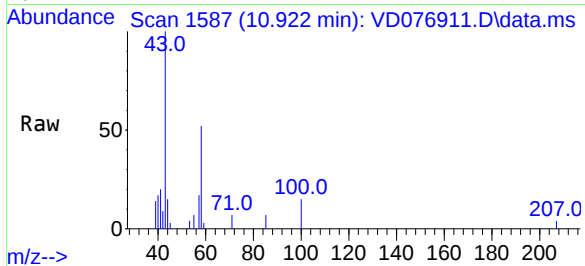




#48
2-Hexanone
Concen: 4.337 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

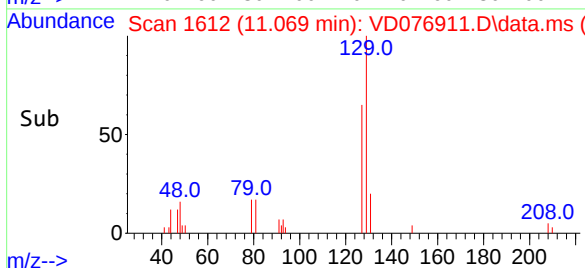
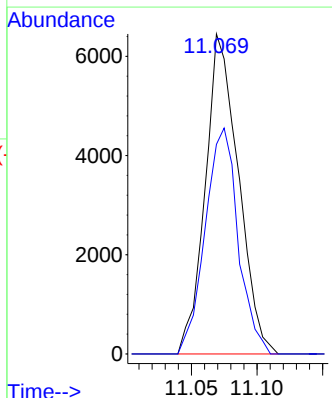
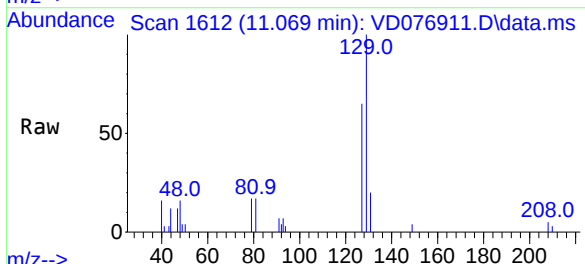
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

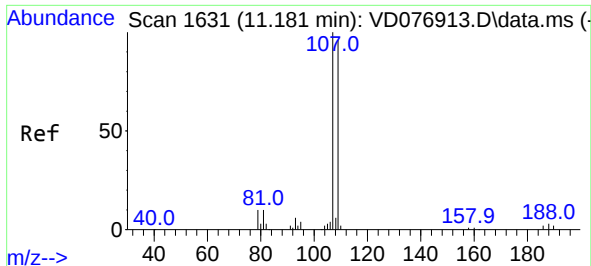
Tgt Ion: 43	Resp:	9166
Ion	Ratio	Lower Upper
43	100	
58	57.9	42.9 64.3
57	19.8	13.7 20.5
100	19.3	9.4 14.0



#49
Dibromochloromethane
Concen: 2.900 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 129	Resp:	11337
Ion	Ratio	Lower Upper
129	100	
127	65.5	55.2 102.6

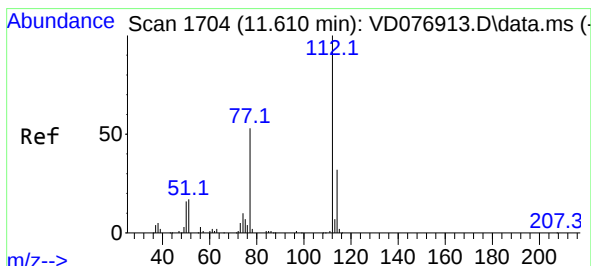
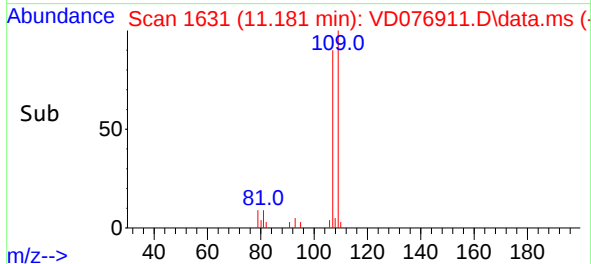
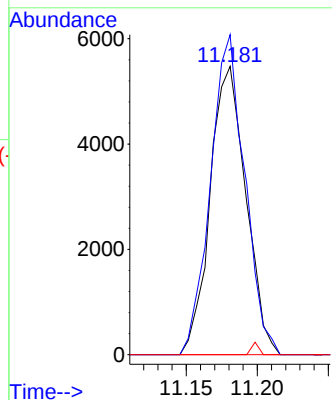
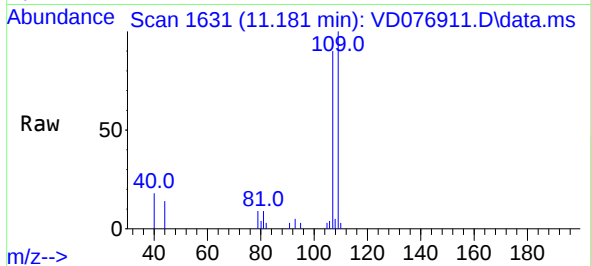




#50
1,2-Dibromoethane
Concen: 2.836 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

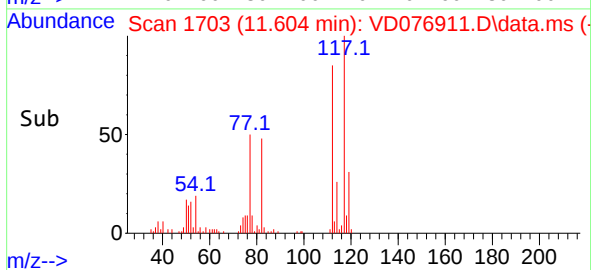
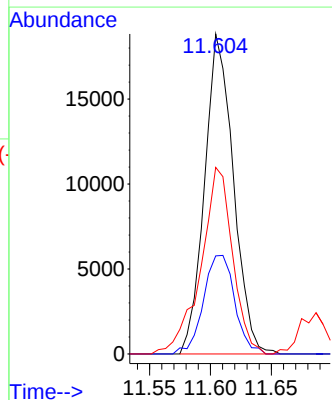
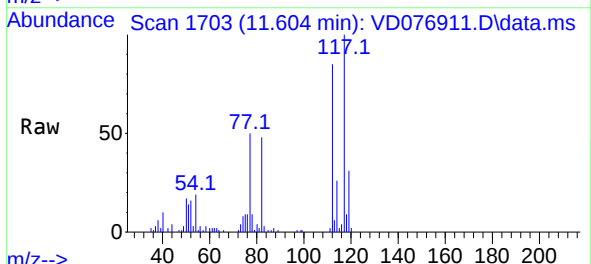
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

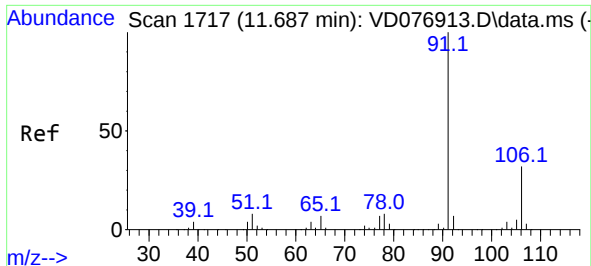
Tgt Ion:107 Resp: 9589
Ion Ratio Lower Upper
107 100
109 111.0 58.8 109.2#
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 2.577 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:112 Resp: 30962
Ion Ratio Lower Upper
112 100
114 30.6 21.5 39.9
77 58.3 43.4 65.2

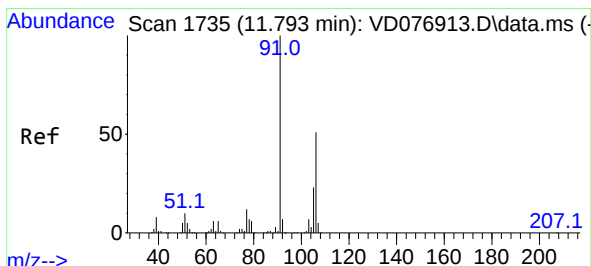
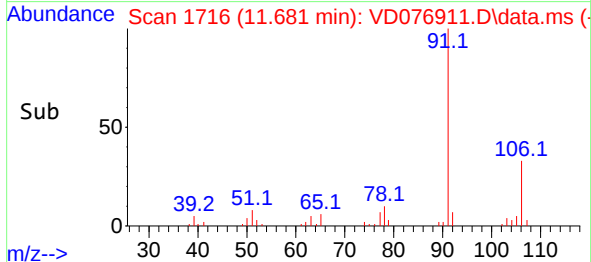
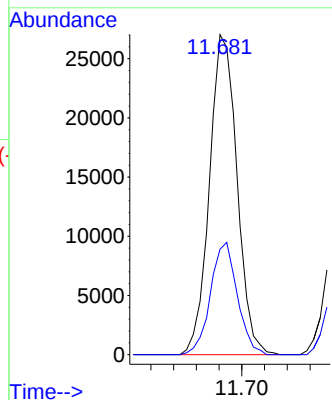
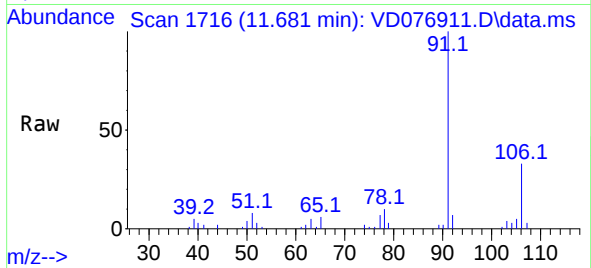




#52
Ethylbenzene
Concen: 2.202 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

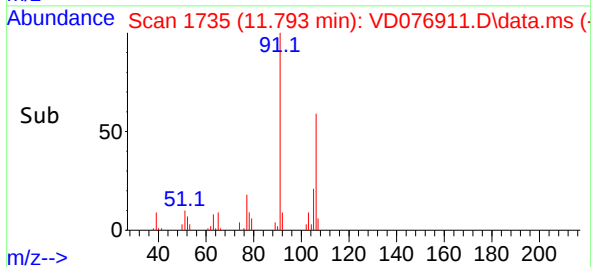
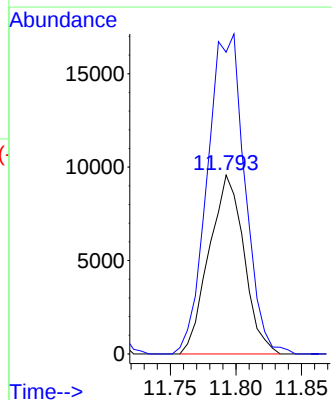
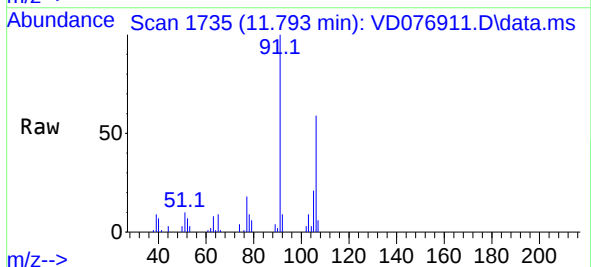
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

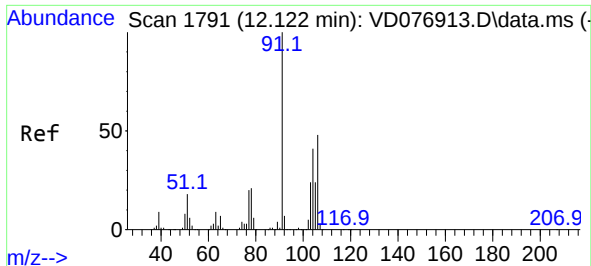
Tgt Ion: 91 Resp: 45612
Ion Ratio Lower Upper
91 100
106 32.9 22.4 41.6



#53
m,p-Xylene
Concen: 2.182 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 106 Resp: 17729
Ion Ratio Lower Upper
106 100
91 168.7 141.5 262.9

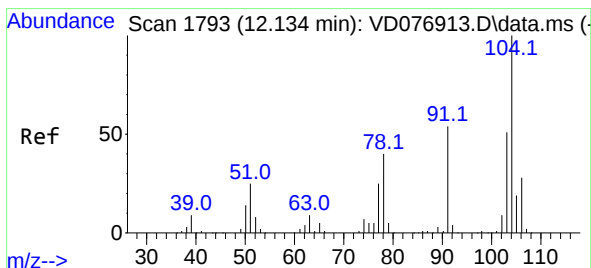
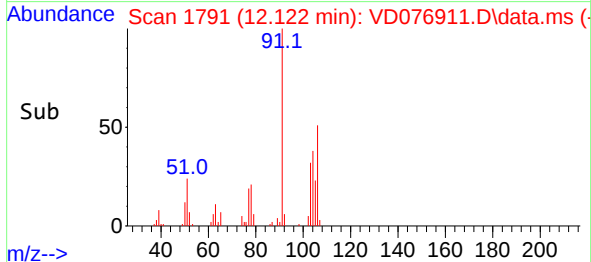
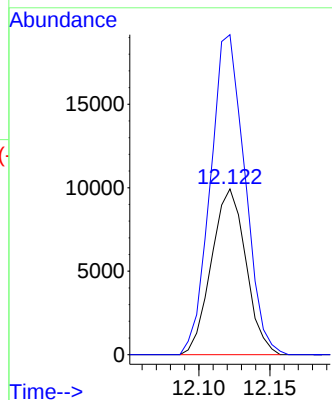
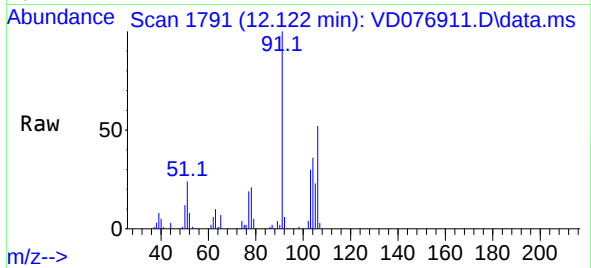




#54
o-Xylene
Concen: 2.164 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

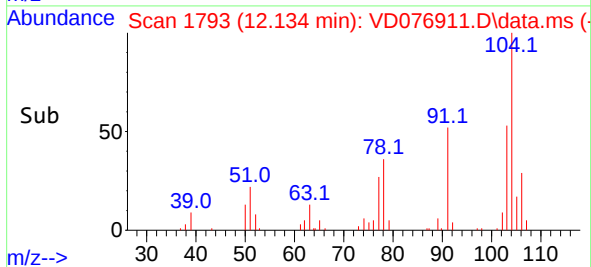
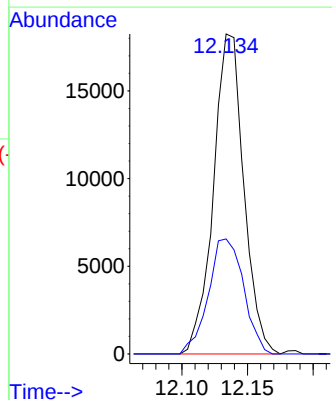
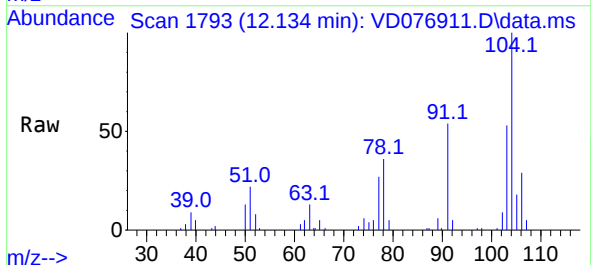
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

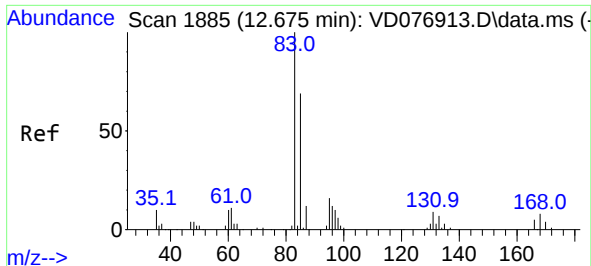
Tgt Ion:106 Resp: 16735
Ion Ratio Lower Upper
106 100
91 193.1 142.2 264.2



#55
Styrene
Concen: 2.175 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:104 Resp: 29422
Ion Ratio Lower Upper
104 100
78 35.9 31.3 58.1

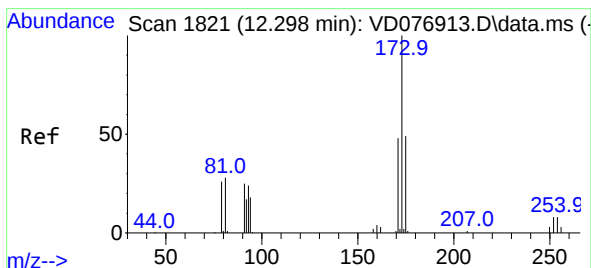
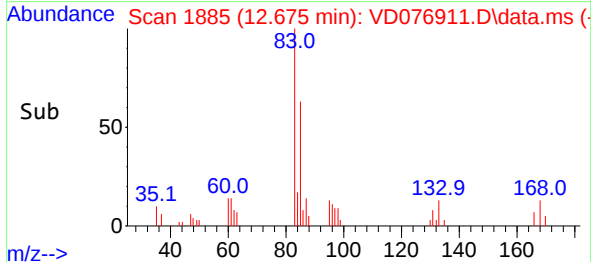
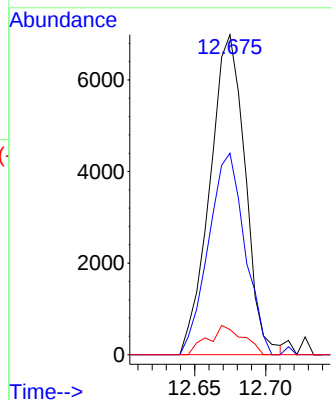
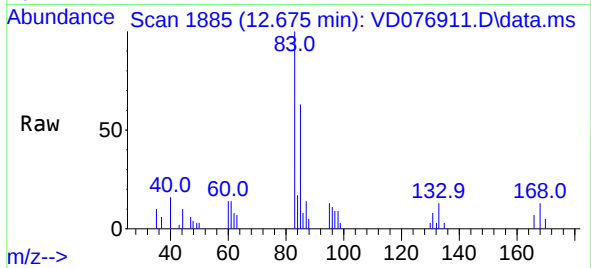




#57
1,1,2,2-Tetrachloroethane
Concen: 2.972 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

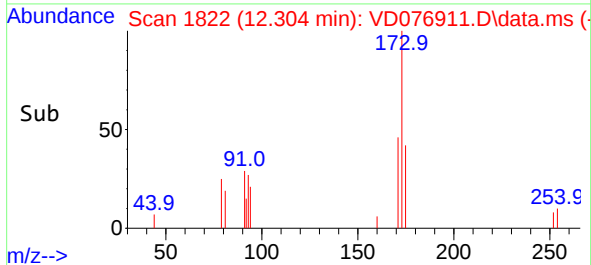
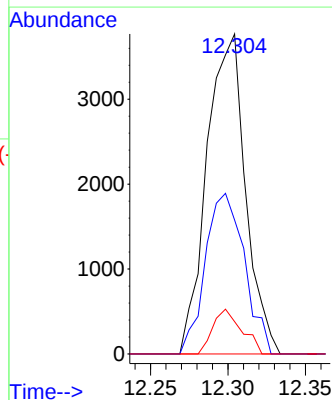
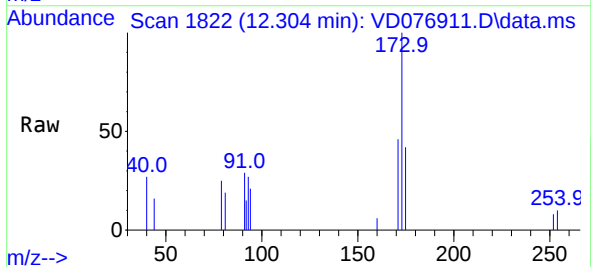
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

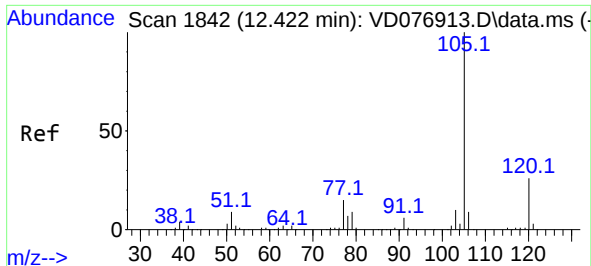
Tgt Ion: 83 Resp: 12068
Ion Ratio Lower Upper
83 100
85 63.0 46.3 86.1
131 7.8 7.0 10.4



#59
Bromoform
Concen: 2.788 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion: 173 Resp: 6528
Ion Ratio Lower Upper
173 100
175 50.8 39.0 58.4
254 10.5 5.3 7.9#

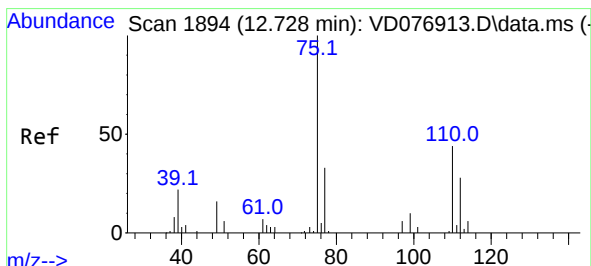
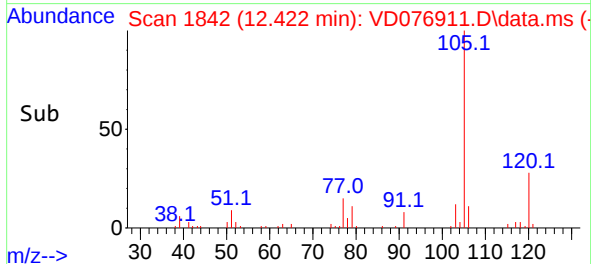
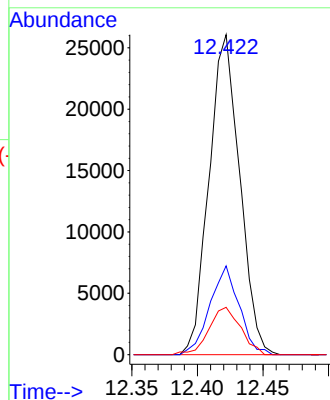
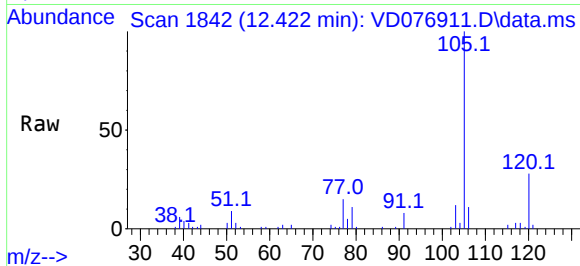




#60
Isopropylbenzene
Concen: 2.175 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

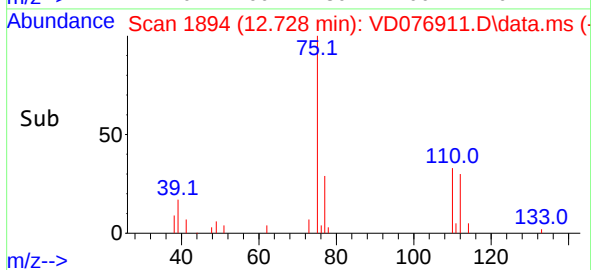
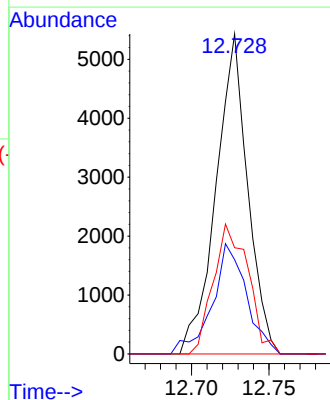
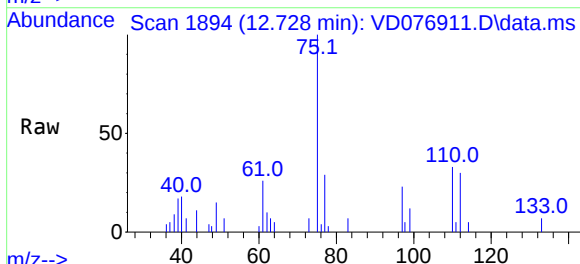
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

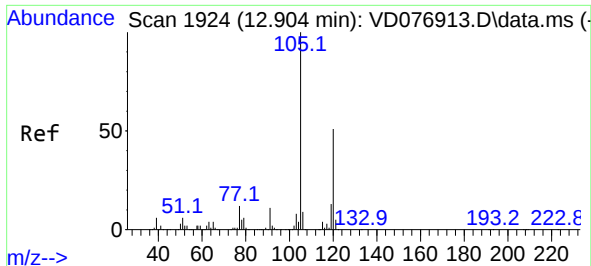
Tgt Ion:	105	Resp:	42428
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.3	31.9
77	15.3	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 2.980 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:	75	Resp:	7709
Ion	Ratio	Lower	Upper
75	100		
77	35.2	27.2	40.8
110	44.7	31.8	47.6

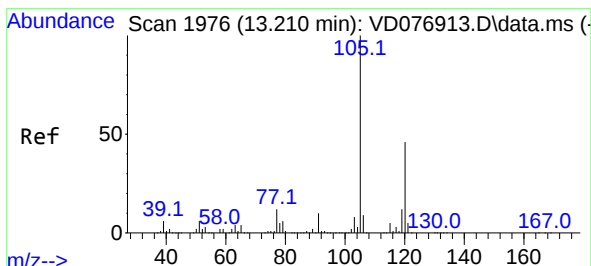
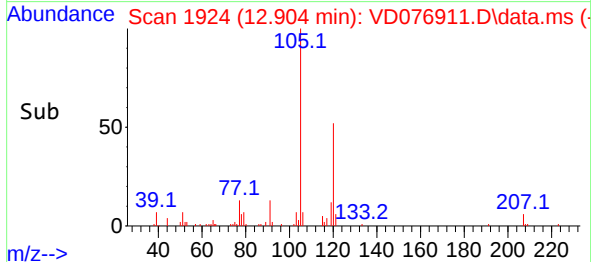
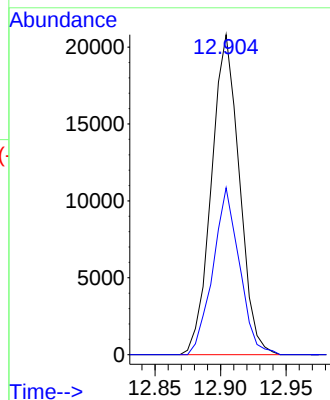
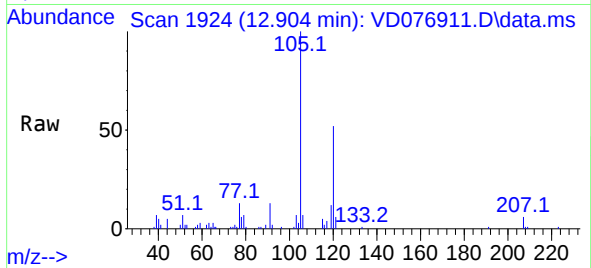




#62
1,3,5-Trimethylbenzene
Concen: 1.995 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

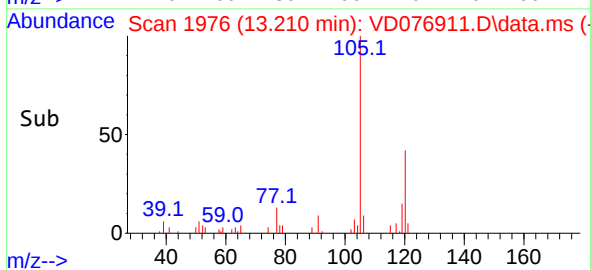
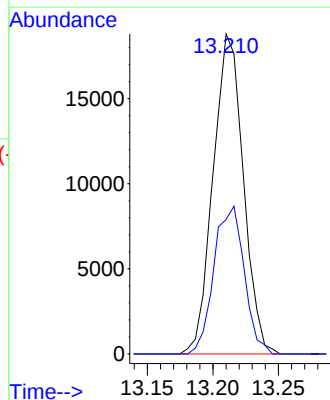
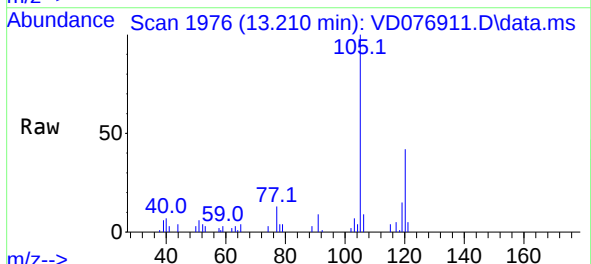
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

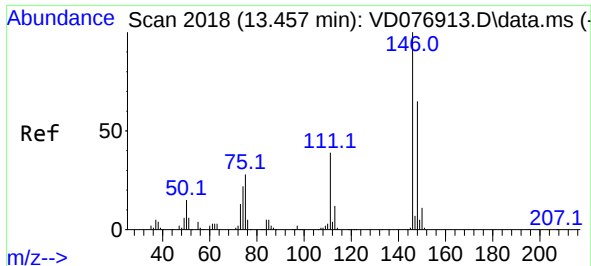
Tgt Ion:105 Resp: 30821
Ion Ratio Lower Upper
105 100
120 49.6 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 1.963 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:105 Resp: 30125
Ion Ratio Lower Upper
105 100
120 46.2 37.5 56.3

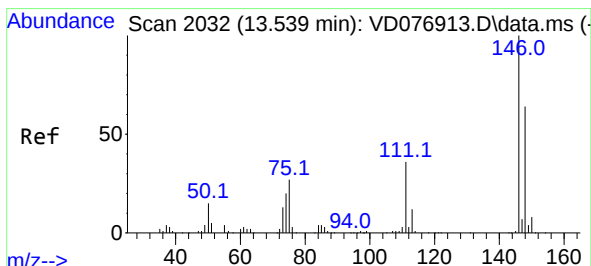
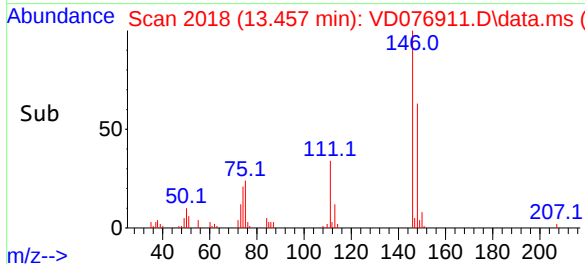
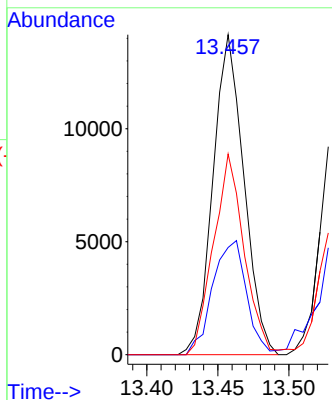
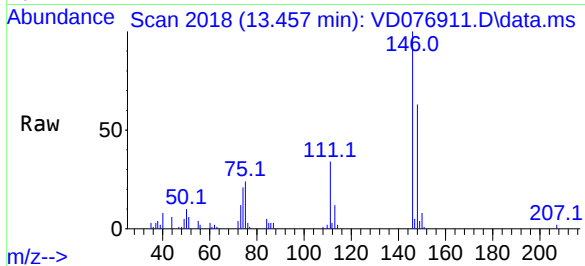




#64
1,3-Dichlorobenzene
Concen: 2.478 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

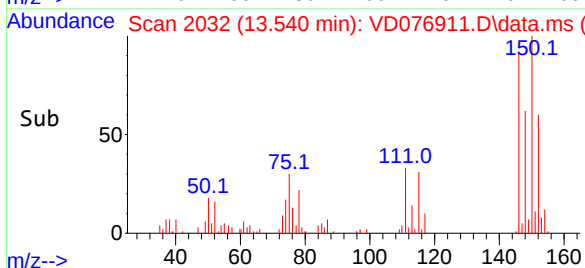
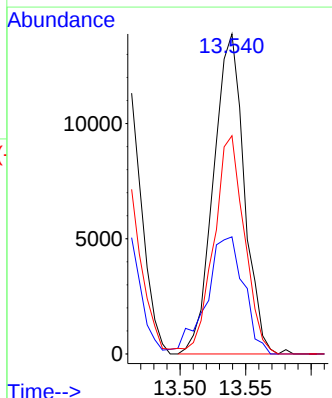
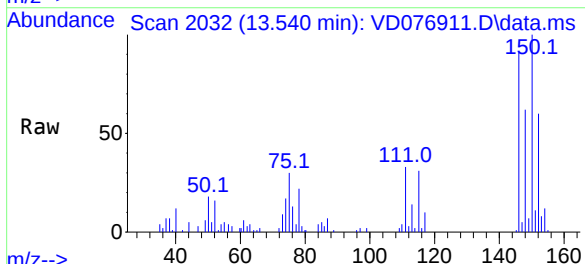
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

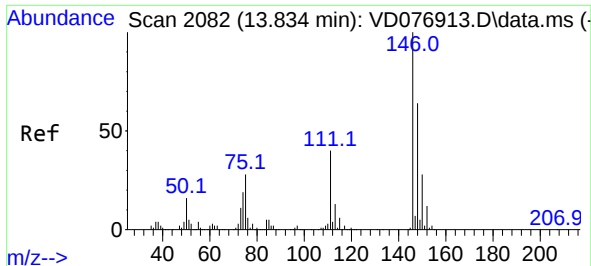
Tgt Ion:146 Resp: 21428
Ion Ratio Lower Upper
146 100
111 33.5 25.6 47.4
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 2.572 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:146 Resp: 22626
Ion Ratio Lower Upper
146 100
111 36.6 25.7 47.7
148 68.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 2.582 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5158

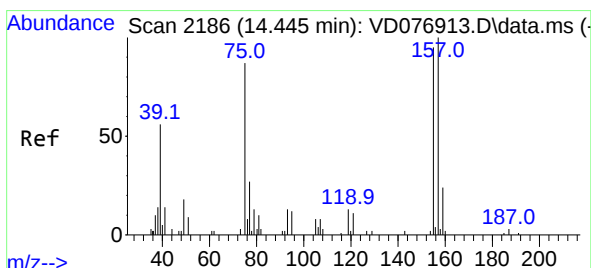
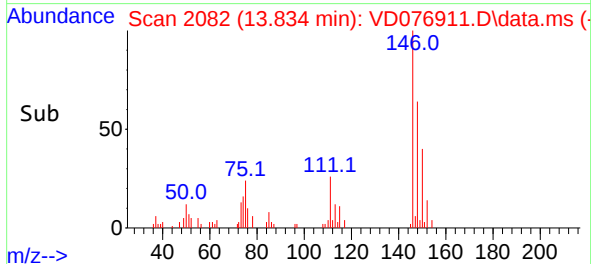
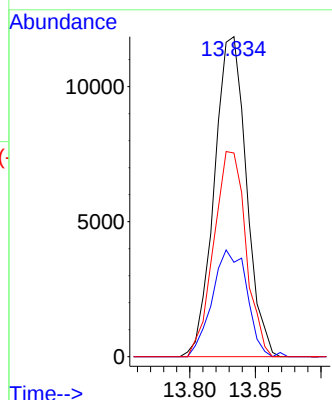
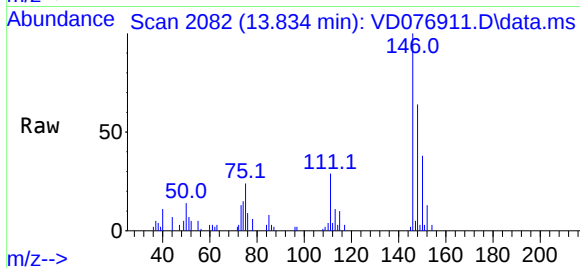
Tgt Ion:146 Resp: 20131

Ion Ratio Lower Upper

146 100

111 29.5 31.3 46.9#

148 63.7 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 3.660 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD076911.D

Acq: 03 Aug 2023 10:06

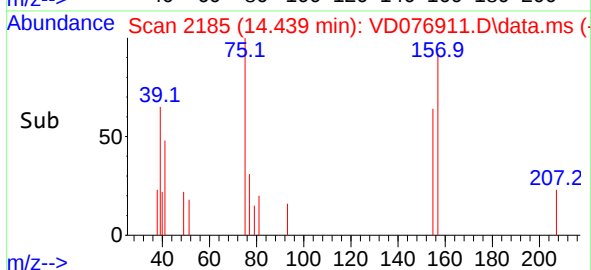
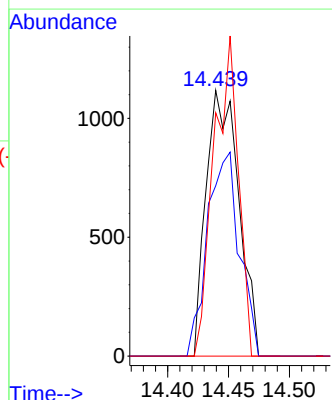
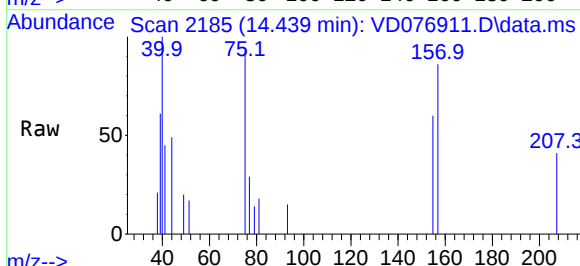
Tgt Ion: 75 Resp: 2087

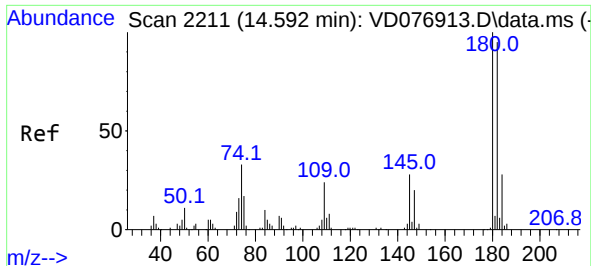
Ion Ratio Lower Upper

75 100

155 64.1 76.2 114.4#

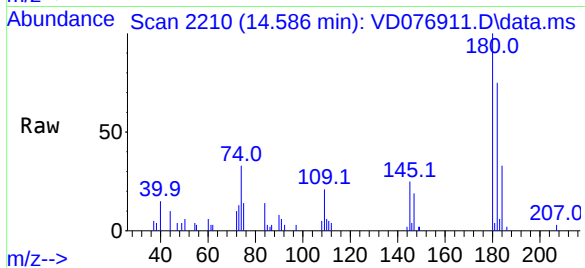
157 91.6 89.4 134.2



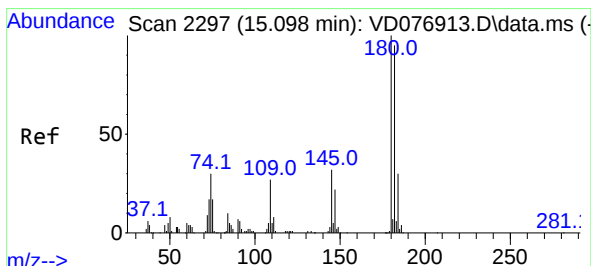
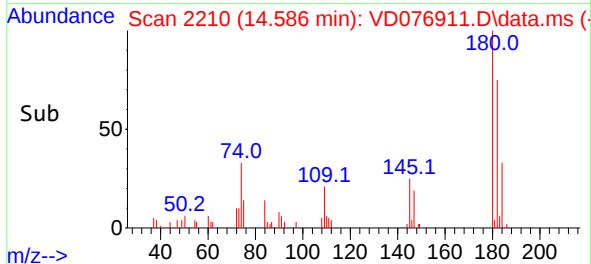
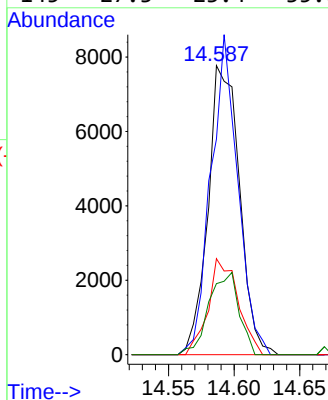


#69
1,3,5-Trichlorobenzene
Concen: 2.266 ug/L
RT: 14.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

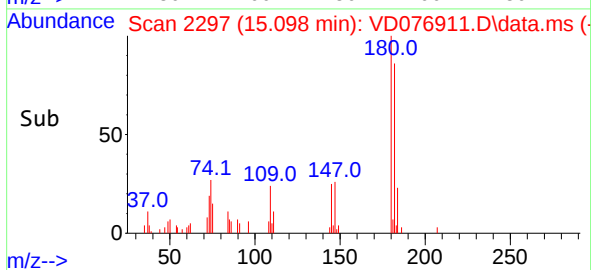
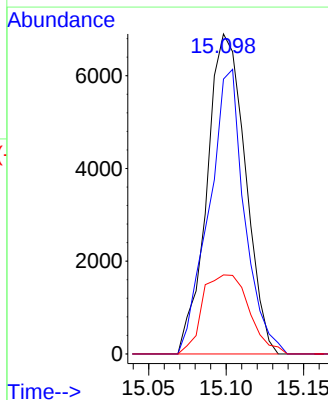
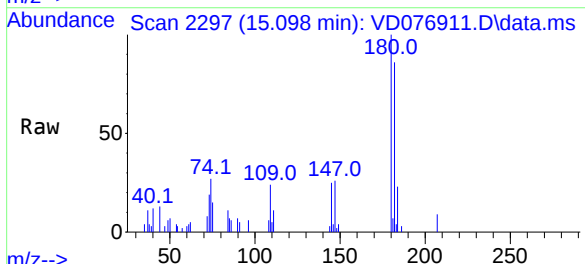


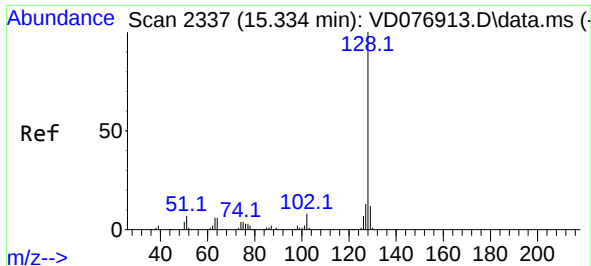
Tgt Ion:180 Resp: 12967
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
184 31.7 25.0 37.4
145 27.3 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 2.338 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:180 Resp: 11883
Ion Ratio Lower Upper
180 100
182 82.2 76.9 115.3
145 29.9 23.5 35.3

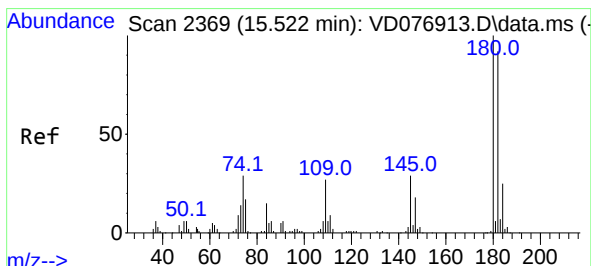
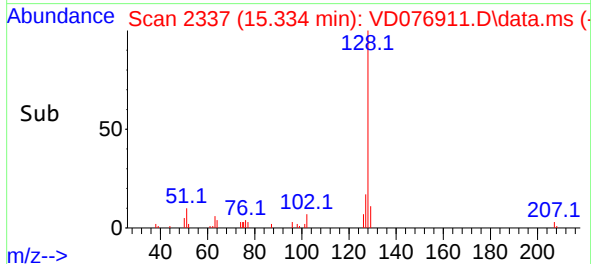
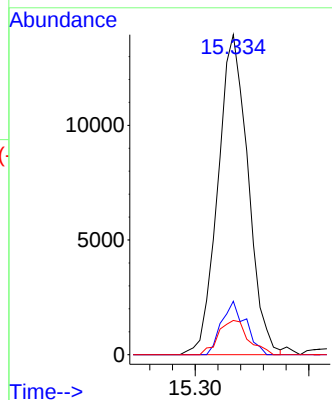
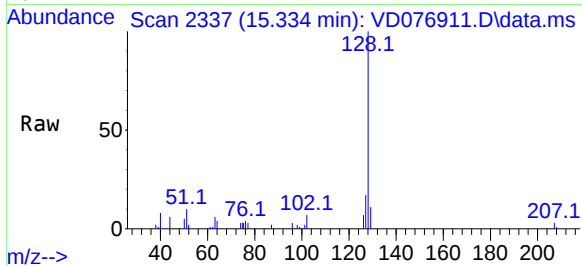




#71
Naphthalene
Concen: 2.533 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5158

Tgt Ion:	128	Resp:	25686
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.202 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076911.D
Acq: 03 Aug 2023 10:06

Tgt Ion:	180	Resp:	9839
Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.3	111.5
145	33.2	25.0	37.6

