

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076074.D
 Acq On : 11 May 2023 12:03
 Operator : KP/SY
 Sample : VSTD050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050149

Quant Time: May 12 01:49:25 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	432948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	385491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	197127	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	258844	39.081	ug/L	0.00
7) Chloroethane-d5	2.799	69	240037	39.476	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	69288	41.556	ug/L	0.00
21) 2-Butanone-d5	6.987	46	88140	97.759	ug/L	0.00
24) Chloroform-d	7.563	84	380885	41.992	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	166695	41.794	ug/L	0.00
32) Benzene-d6	8.199	84	760777	43.775	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	227869	42.551	ug/L	0.00
41) Toluene-d8	10.269	98	694138	44.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	88860	44.204	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	83178	106.065	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	204557	44.357	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	242142	43.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	277271	51.205	ug/L	100
3) Chloromethane	2.146	50	366354	47.593	ug/L	99
5) Vinyl chloride	2.281	62	480857	48.932	ug/L	100
6) Bromomethane	2.687	94	295436	48.463	ug/L	100
8) Chloroethane	2.834	64	303409	48.117	ug/L	100
9) Trichlorofluoromethane	3.170	101	400005	49.720	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	286482	49.988	ug/L	98
13) Acetone	4.022	43	76032	95.356	ug/L	100
14) Carbon disulfide	4.269	76	792983	49.580	ug/L	100
15) Methyl Acetate	4.564	43	80425	46.751	ug/L #	59
16) Methylene chloride	4.805	84	295503	41.975	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	277973	50.544	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	515162	52.785	ug/L	98
19) 1,1-Dichloroethane	6.111	63	450358	48.044	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	308383	50.579	ug/L	96
22) 2-Butanone	7.081	43	114875	103.177	ug/L	92
23) Bromochloromethane	7.428	128	145141	48.700	ug/L	93
25) Chloroform	7.593	83	477268	47.684	ug/L	98
27) 1,2-Dichloroethane	8.328	62	253284	48.021	ug/L	98
29) Cyclohexane	7.875	56	374408	58.552	ug/L	90
30) 1,1,1-Trichloroethane	7.793	97	386870	49.403	ug/L	99
31) Carbon tetrachloride	7.993	117	323727	52.476	ug/L	97
33) Benzene	8.252	78	1105817	51.597	ug/L	100
34) Trichloroethene	9.028	95	272301	49.224	ug/L	94
35) Methylcyclohexane	9.275	83	477836	57.012	ug/L	97
37) 1,2-Dichloropropane	9.305	63	272533	49.856	ug/L	100
38) Bromodichloromethane	9.587	83	347102	49.559	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	418946	53.207	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	243483	110.507	ug/L	98
42) Toluene	10.334	91	1211278	52.942	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	344024	52.362	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	213725	48.421	ug/L	94

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 Response via : Initial Calibration

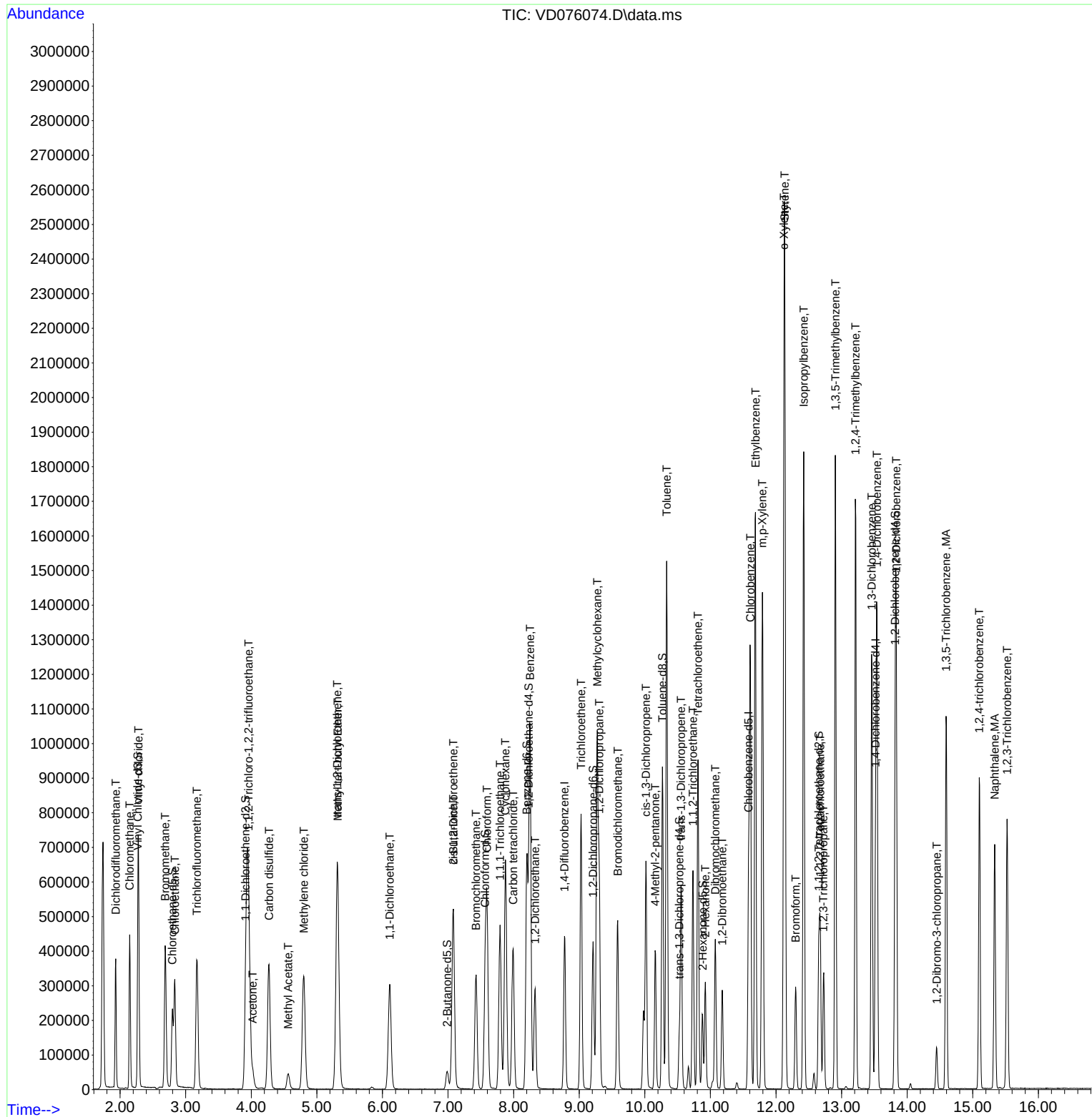
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	233592	50.544	ug/L	95
48) 2-Hexanone	10.922	43	180059	112.615	ug/L	93
49) Dibromochloromethane	11.075	129	236642	49.691	ug/L	98
50) 1,2-Dibromoethane	11.181	107	190789	48.943	ug/L	99
51) Chlorobenzene	11.610	112	753751	48.404	ug/L	98
52) Ethylbenzene	11.687	91	1250215	52.672	ug/L	99
53) m,p-Xylene	11.793	106	501464	54.178	ug/L	98
54) o-Xylene	12.122	106	478792	54.544	ug/L	96
55) Styrene	12.134	104	849106	54.599	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	239158	48.399	ug/L	98
59) Bromoform	12.298	173	138566	48.372	ug/L	99
60) Isopropylbenzene	12.422	105	1258219	56.215	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	151591	47.809	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	970624	56.523	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	922714	56.184	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	574679	49.453	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	580514	48.020	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	513035	48.402	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	29917	47.033	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	377225	51.087	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	311784	53.352	ug/L	99
71) Naphthalene	15.334	128	627669	57.156	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	294827	55.479	ug/L	97

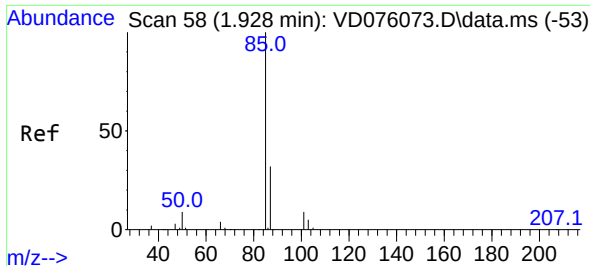
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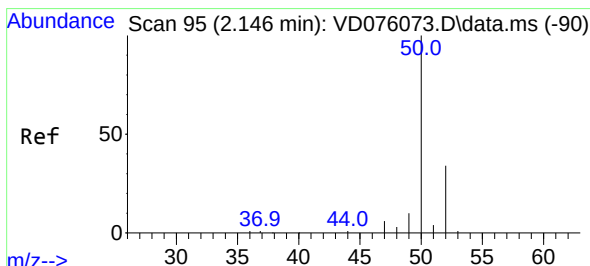
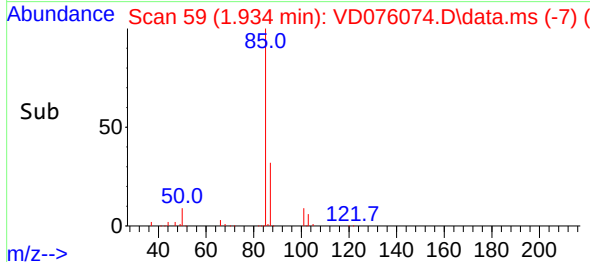
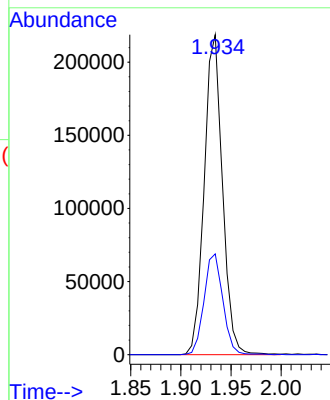
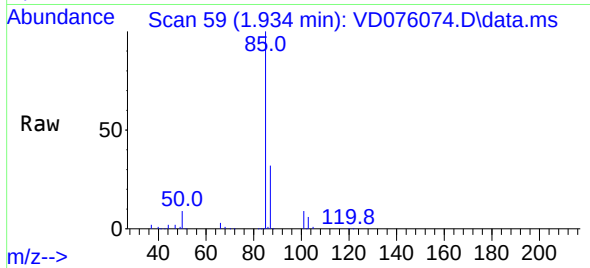




#2
Dichlorodifluoromethane
Concen: 51.205 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

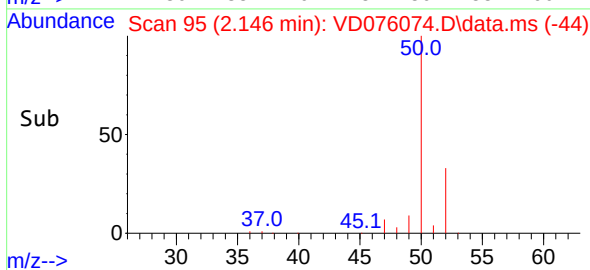
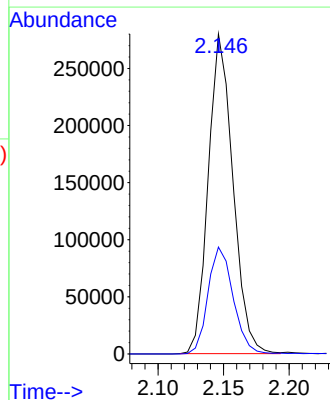
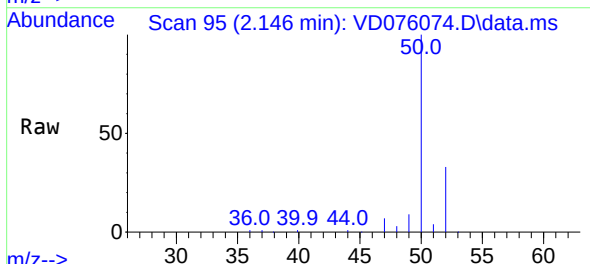
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

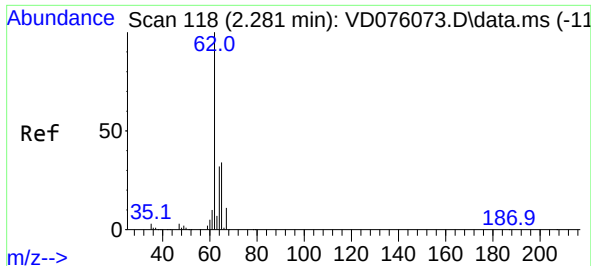
Tgt Ion: 85 Resp: 277271
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 47.593 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 50 Resp: 366354
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

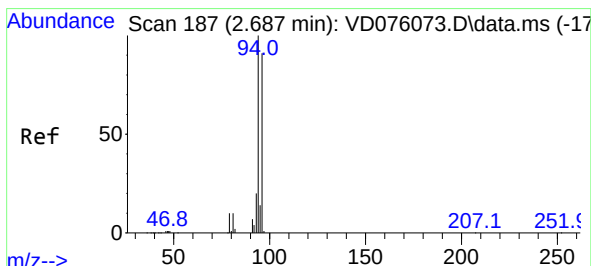
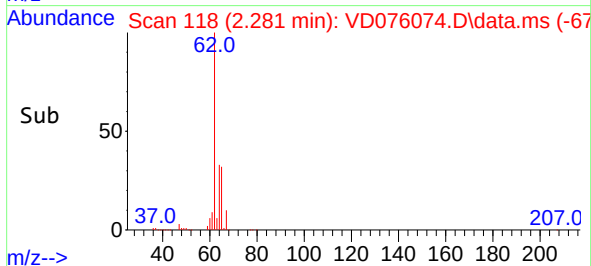
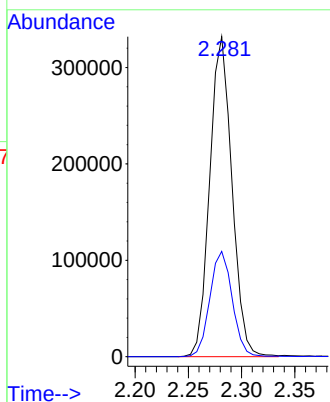
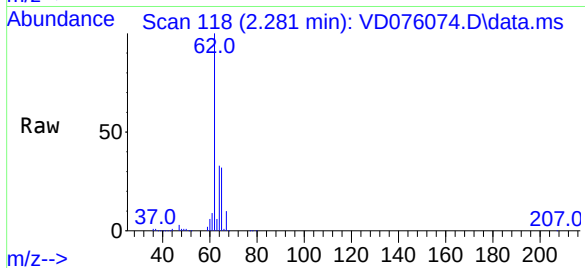




#5
 Vinyl chloride
 Concen: 48.932 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076074.D
 Acq: 11 May 2023 12:03

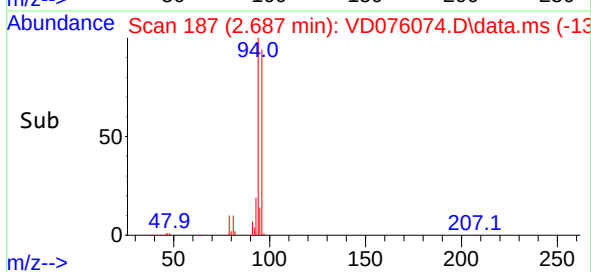
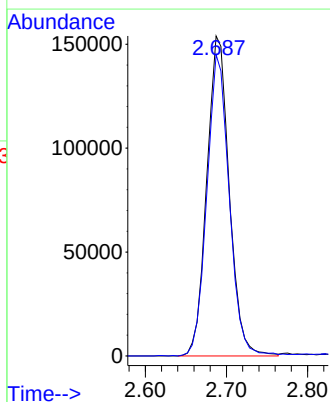
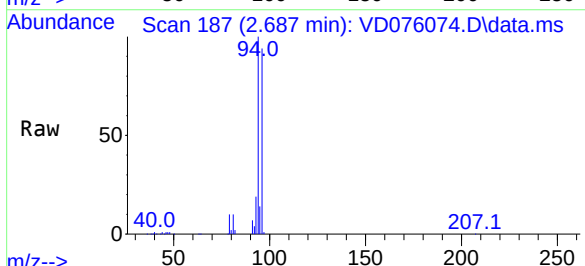
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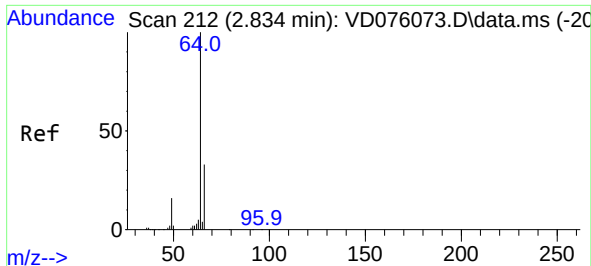
Tgt Ion: 62 Resp: 480857
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 48.463 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076074.D
 Acq: 11 May 2023 12:03

Tgt Ion: 94 Resp: 295436
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.7 121.9

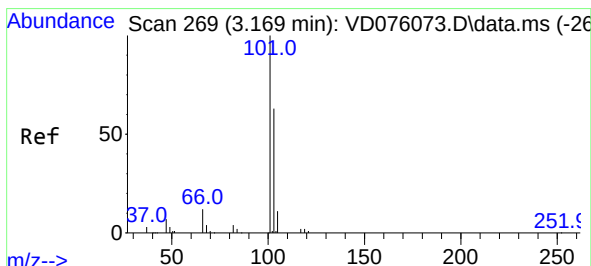
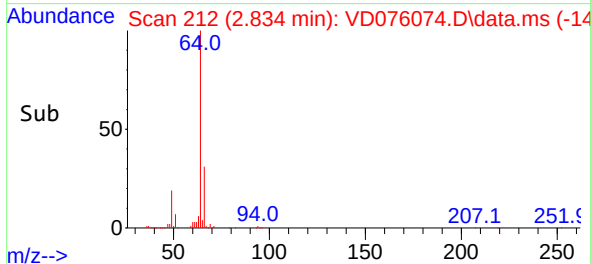
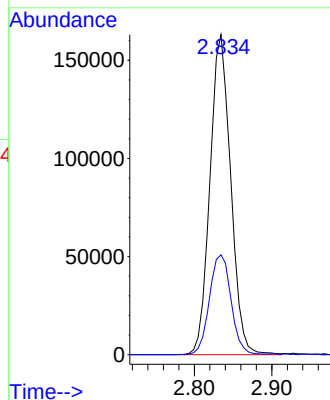
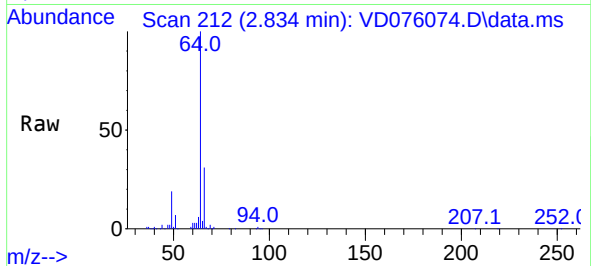




#8
Chloroethane
Concen: 48.117 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

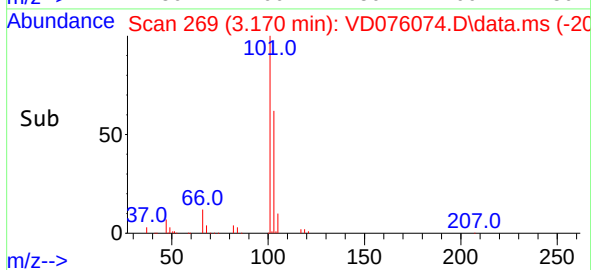
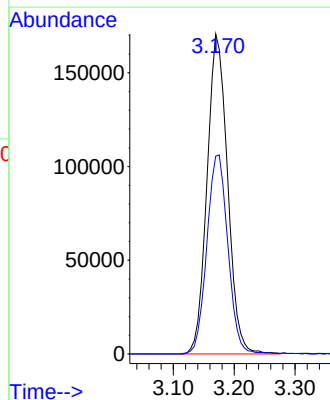
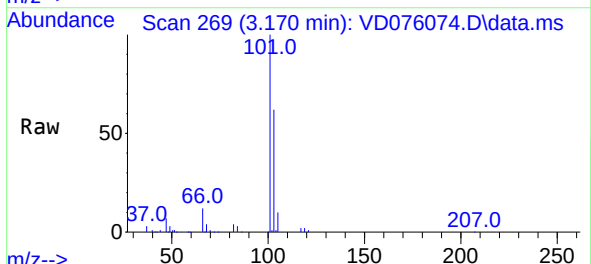
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

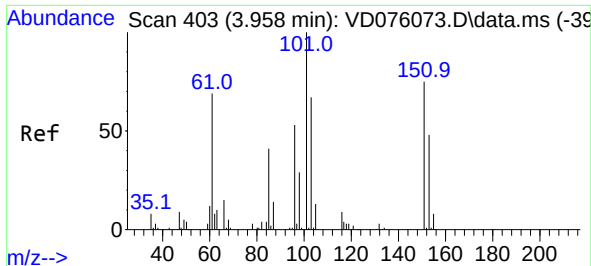
Tgt Ion: 64 Resp: 303409
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 49.720 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 101 Resp: 400005
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4

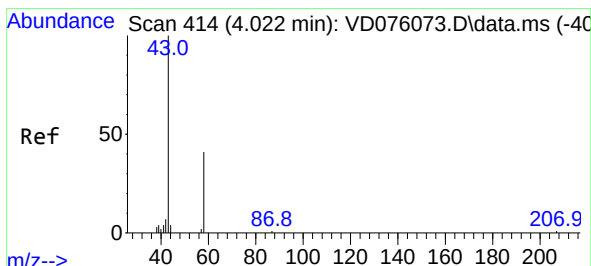
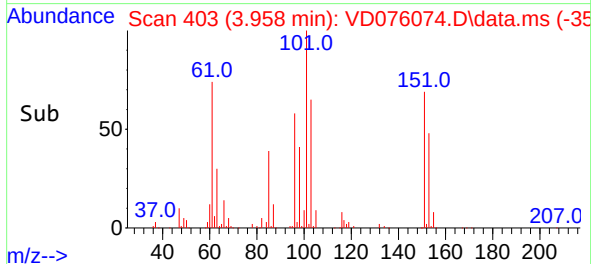
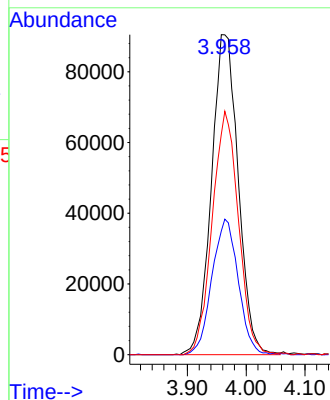
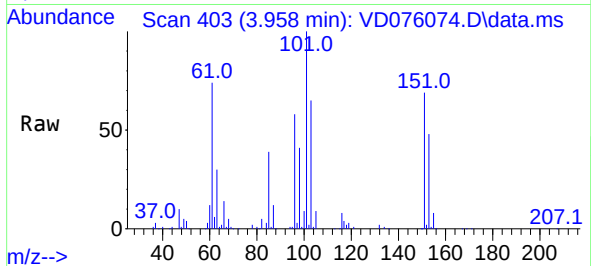




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.988 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD076074.D
 Acq: 11 May 2023 12:03

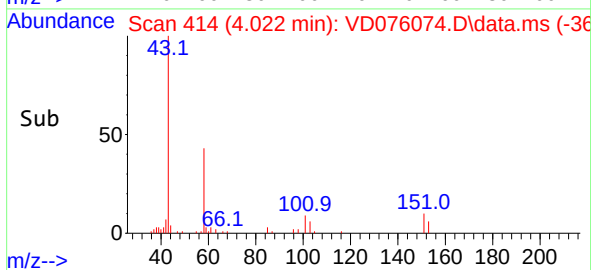
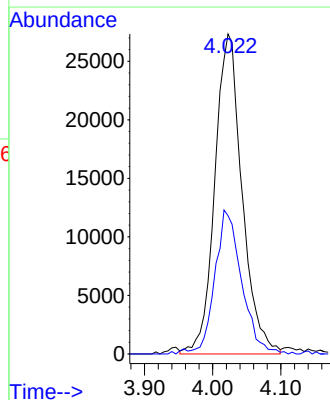
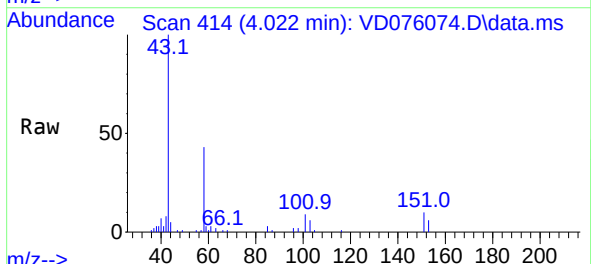
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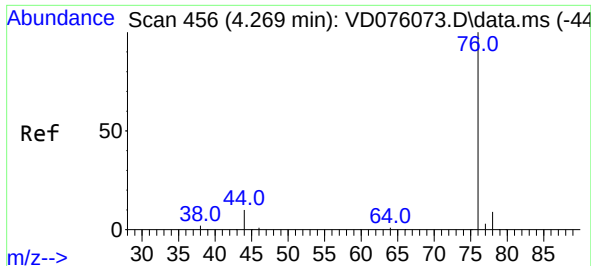
Tgt Ion:101 Resp: 286482
 Ion Ratio Lower Upper
 101 100
 85 41.5 32.9 49.3
 151 74.4 57.2 85.8



#13
 Acetone
 Concen: 95.356 ug/L
 RT: 4.022 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VD076074.D
 Acq: 11 May 2023 12:03

Tgt Ion: 43 Resp: 76032
 Ion Ratio Lower Upper
 43 100
 58 43.5 0.0 87.4

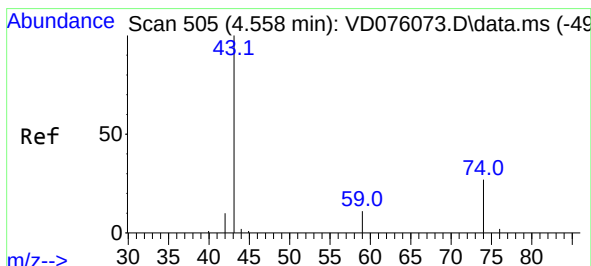
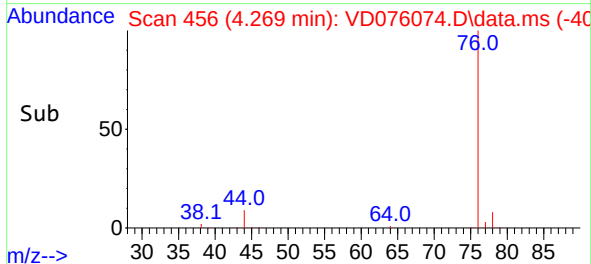
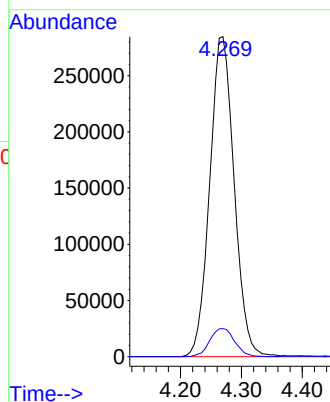
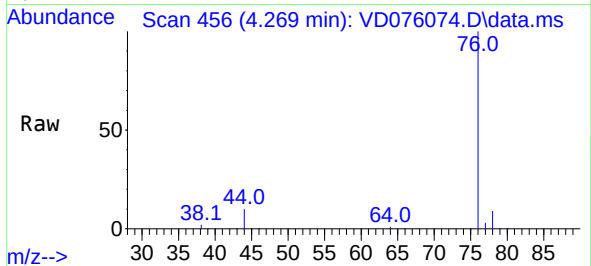




#14
Carbon disulfide
Concen: 49.580 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

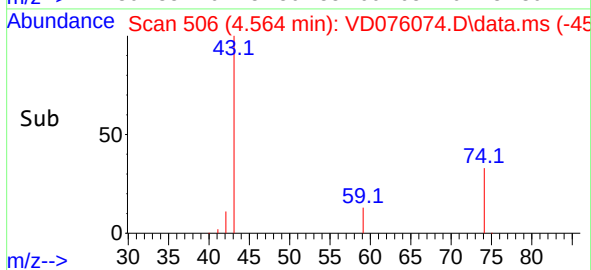
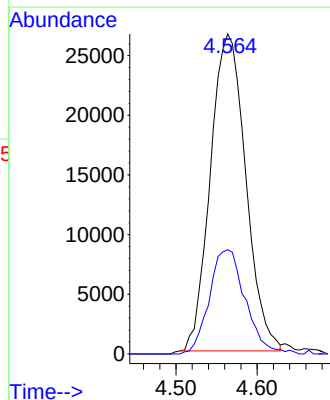
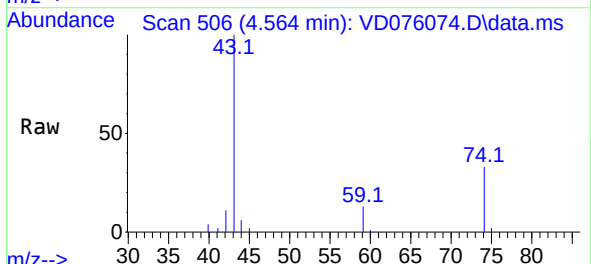
Instrument :
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ClientSampleId :
VSTD050149

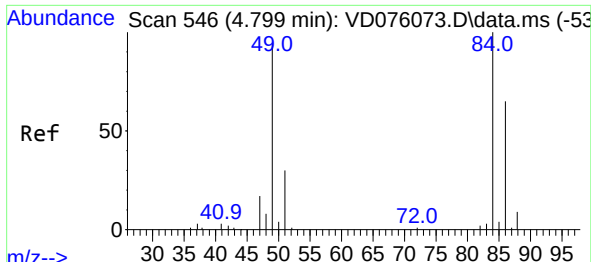
Tgt Ion: 76 Resp: 792983
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#15
Methyl Acetate
Concen: 46.751 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 43 Resp: 80425
Ion Ratio Lower Upper
43 100
74 33.2 12.8 19.2#

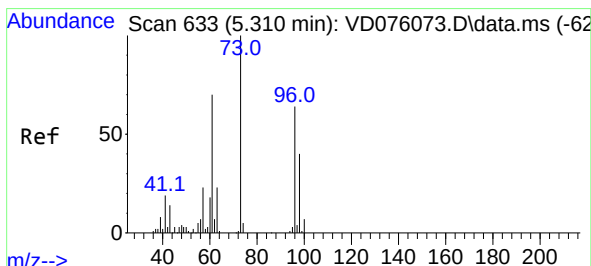
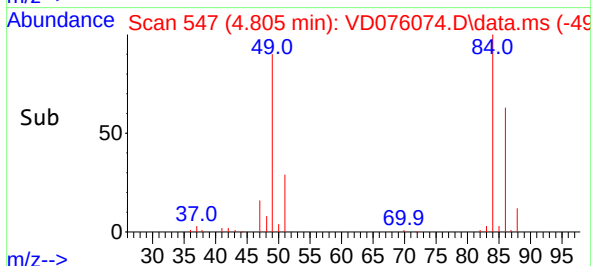
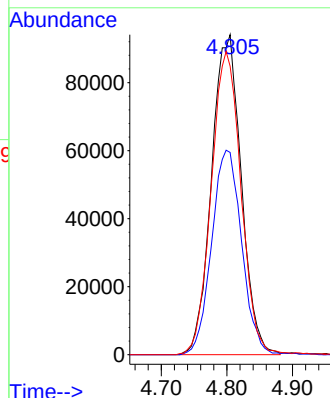
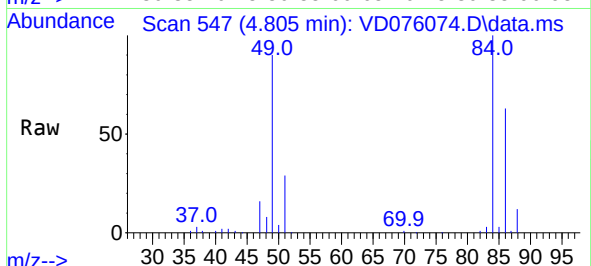




#16
Methylene chloride
Concen: 41.975 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

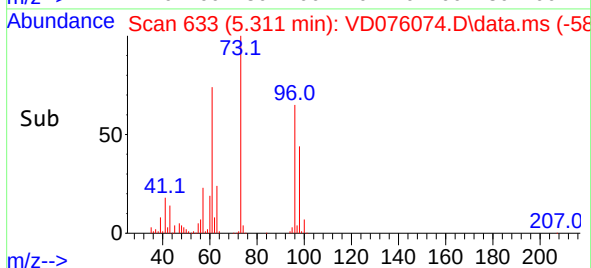
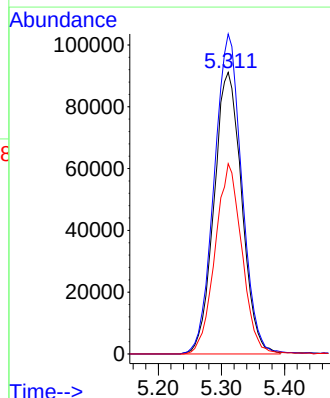
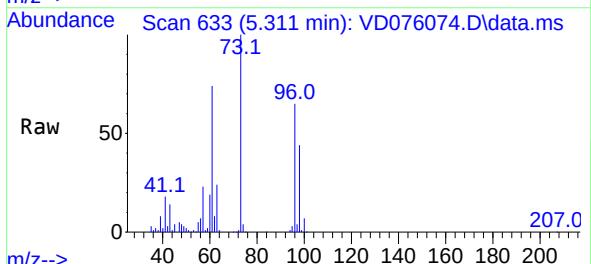
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

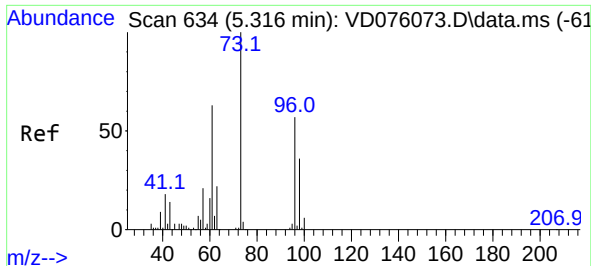
Tgt Ion: 84 Resp: 295503
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.2
49 90.1 60.8 112.8



#17
trans-1,2-Dichloroethene
Concen: 50.544 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 96 Resp: 277973
Ion Ratio Lower Upper
96 100
61 113.6 72.9 135.5
98 67.5 43.0 79.8

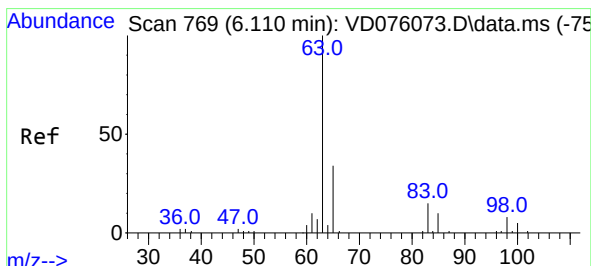
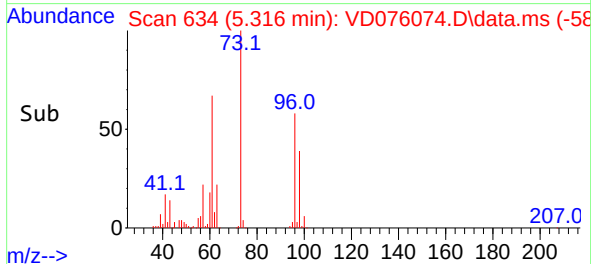
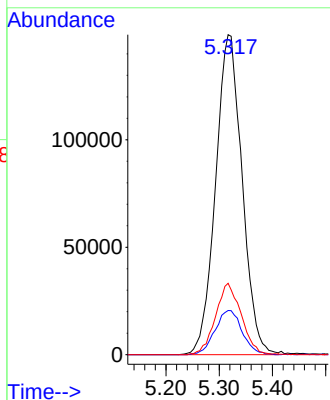
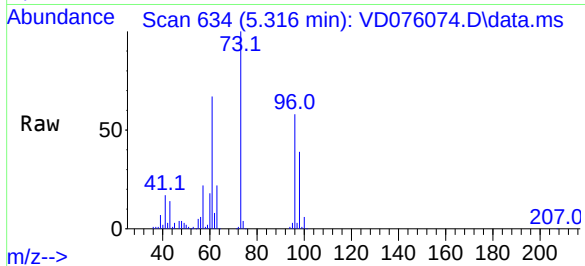




#18
Methyl tert-butyl Ether
Concen: 52.785 ug/L
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

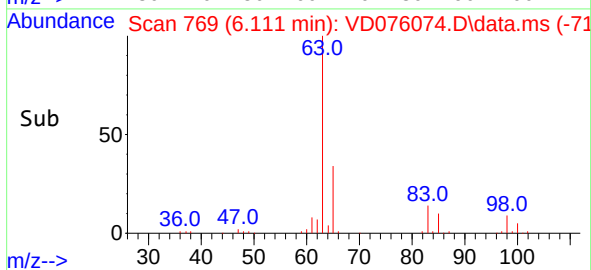
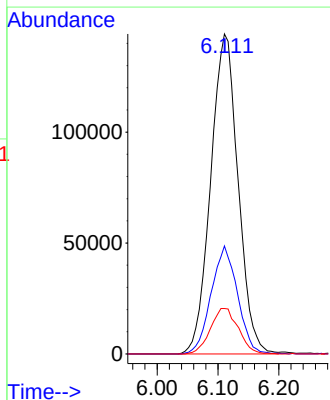
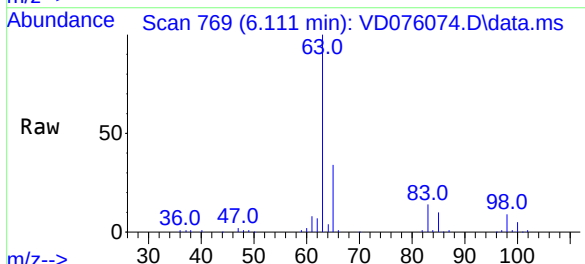
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

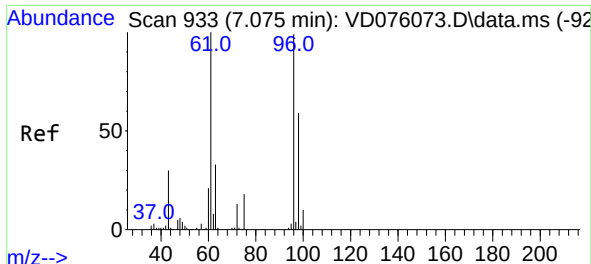
Tgt Ion: 73 Resp: 515162
Ion Ratio Lower Upper
73 100
43 14.1 11.3 16.9
57 21.7 16.3 24.5



#19
1,1-Dichloroethane
Concen: 48.044 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 63 Resp: 450358
Ion Ratio Lower Upper
63 100
65 33.8 22.8 42.4
83 14.2 11.2 20.8

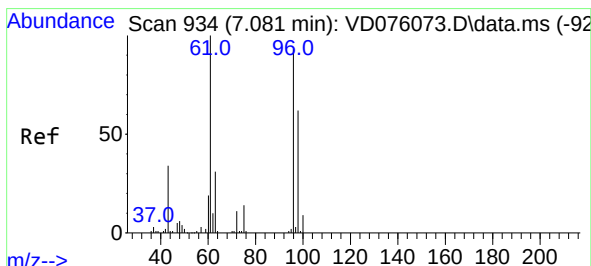
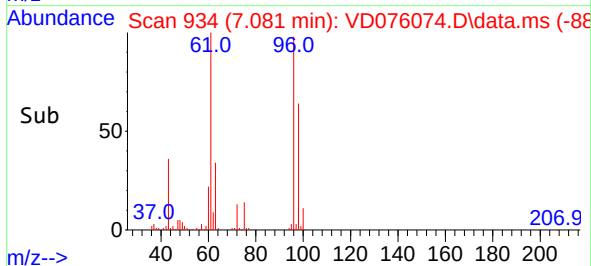
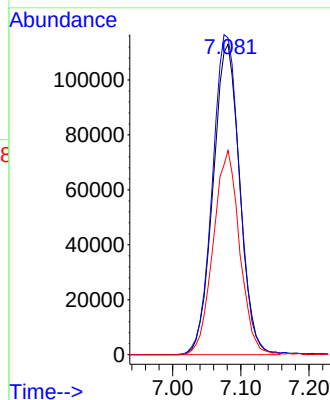
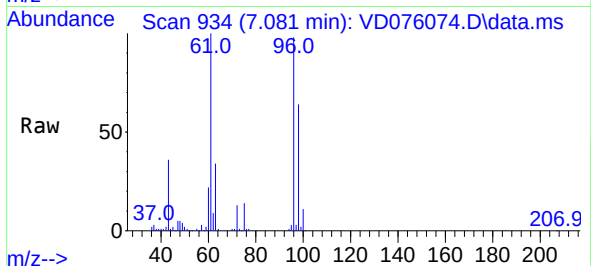




#20
cis-1,2-Dichloroethene
Concen: 50.579 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

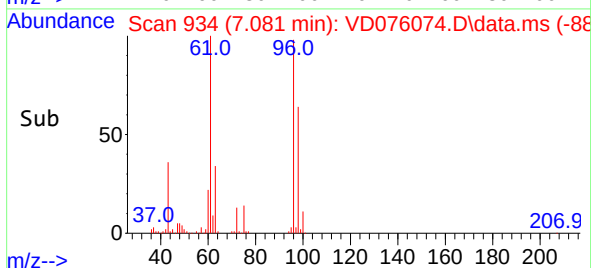
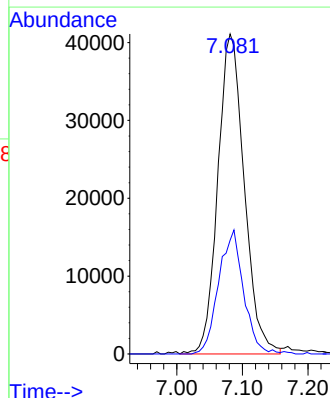
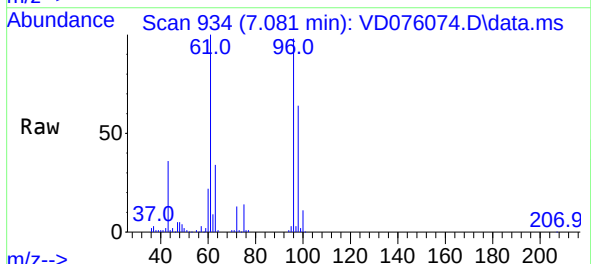
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

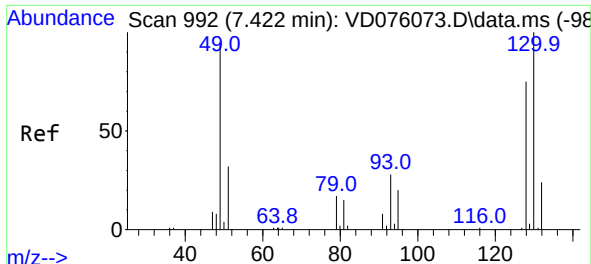
Tgt Ion: 96 Resp: 308383
Ion Ratio Lower Upper
96 100
61 102.1 67.5 125.3
98 65.8 47.5 88.1



#22
2-Butanone
Concen: 103.177 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

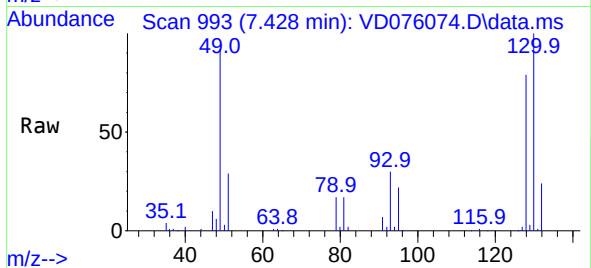
Tgt Ion: 43 Resp: 114875
Ion Ratio Lower Upper
43 100
72 36.3 20.5 61.5



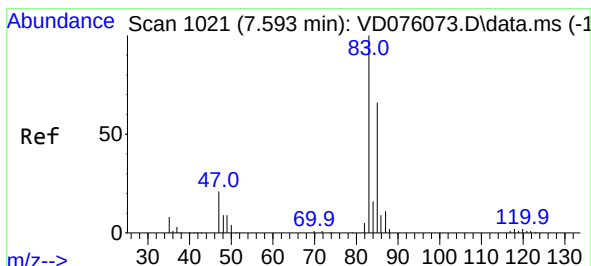
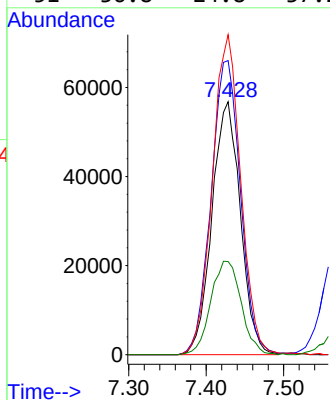
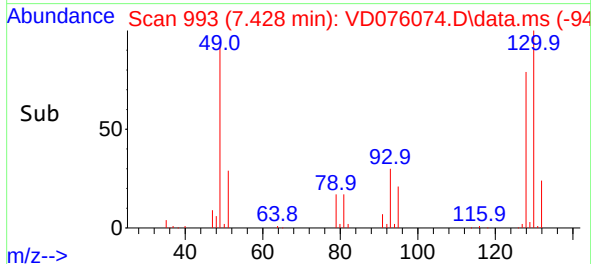


#23
Bromochloromethane
Concen: 48.700 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

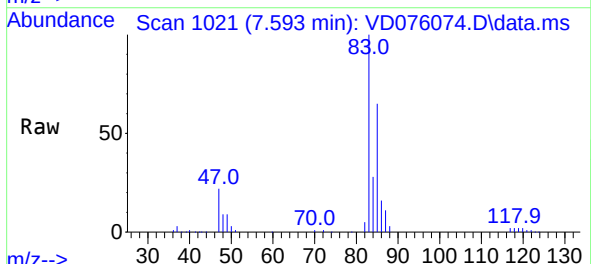
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149



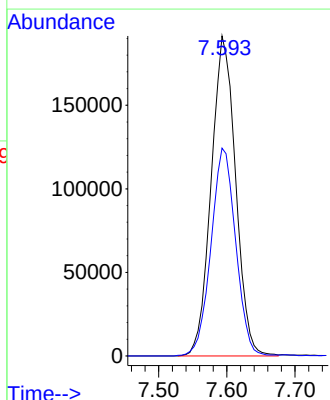
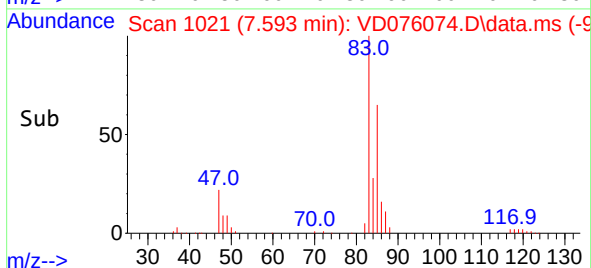
Tgt Ion:128 Resp: 145141
Ion Ratio Lower Upper
128 100
49 116.2 76.4 142.0
130 126.5 93.5 173.7
51 36.8 24.8 37.2

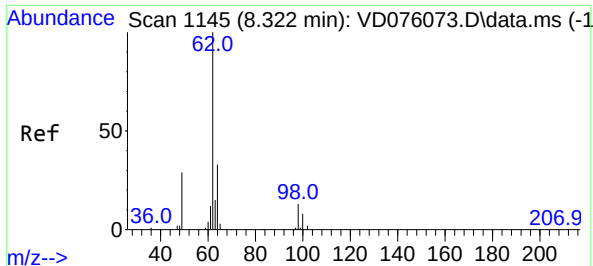


#25
Chloroform
Concen: 47.684 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03



Tgt Ion: 83 Resp: 477268
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5

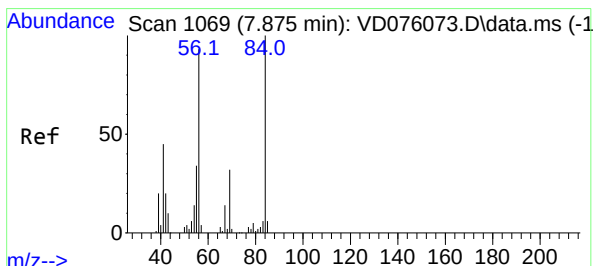
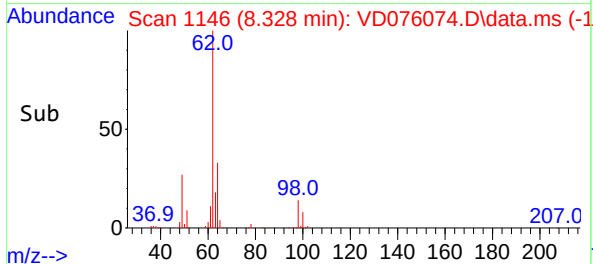
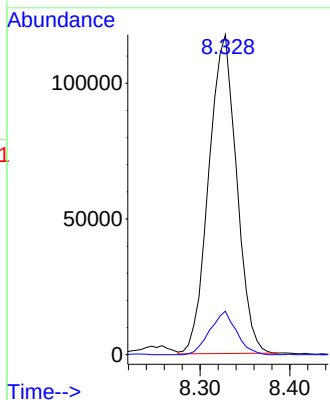
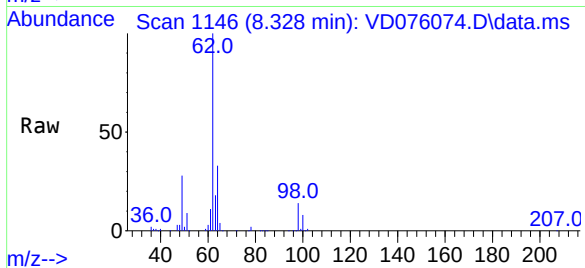




#27
1,2-Dichloroethane
Concen: 48.021 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

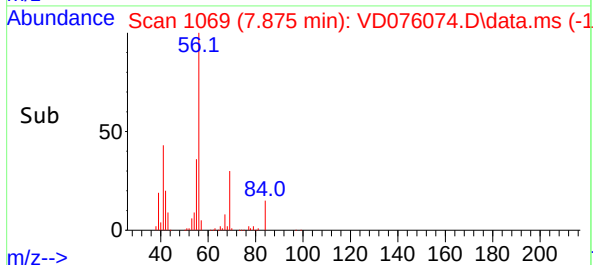
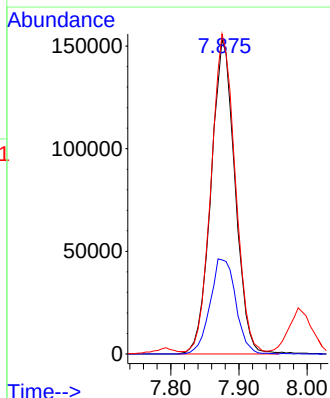
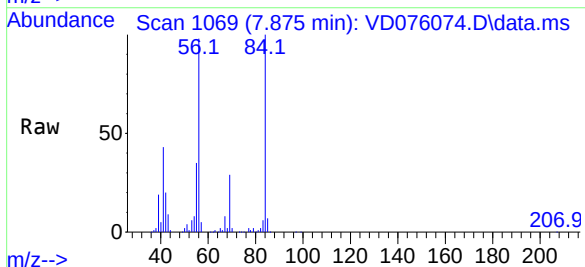
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

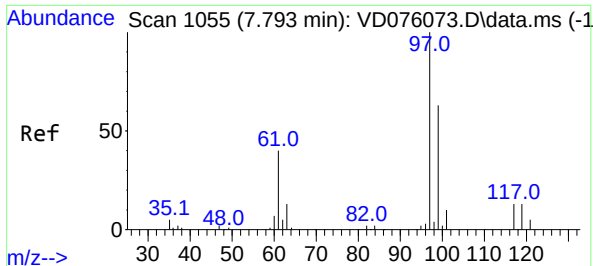
Tgt Ion: 62 Resp: 253284
Ion Ratio Lower Upper
62 100
98 13.6 10.2 15.2



#29
Cyclohexane
Concen: 58.552 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 56 Resp: 374408
Ion Ratio Lower Upper
56 100
69 32.3 28.2 42.2
84 102.6 92.4 138.6

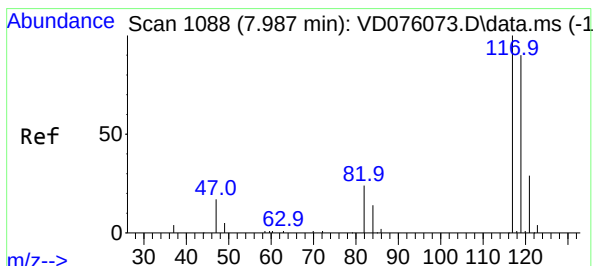
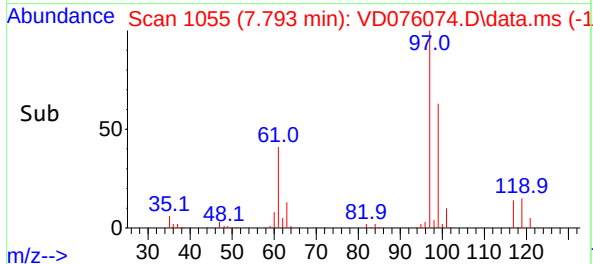
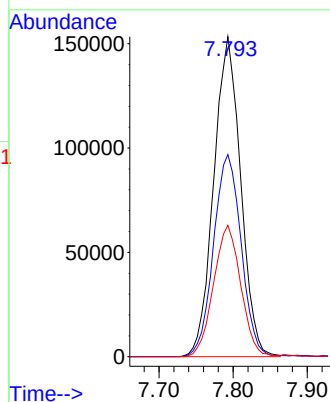
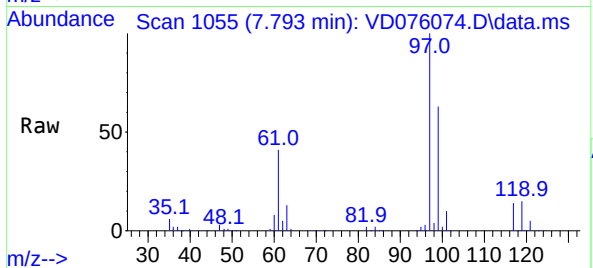




#30
1,1,1-Trichloroethane
Concen: 49.403 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

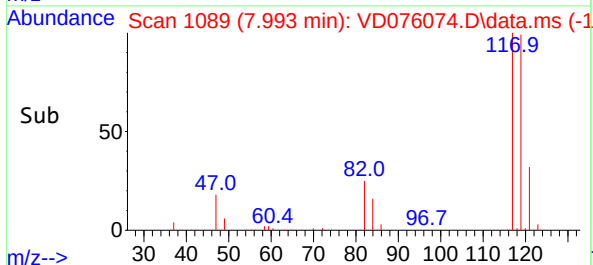
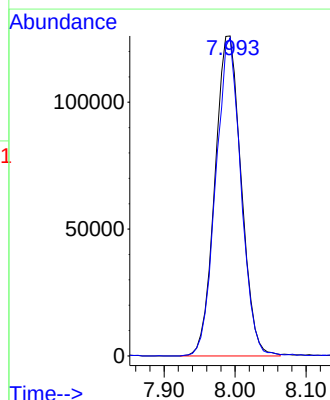
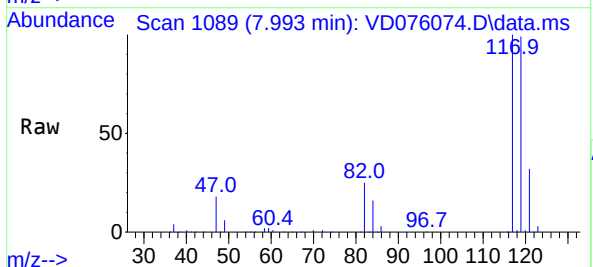
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

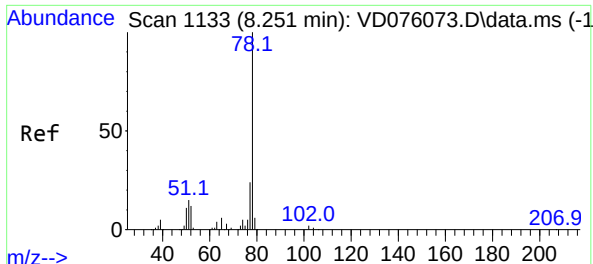
Tgt Ion: 97 Resp: 386870
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 41.5 32.1 48.1



#31
Carbon tetrachloride
Concen: 52.476 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 117 Resp: 323727
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4

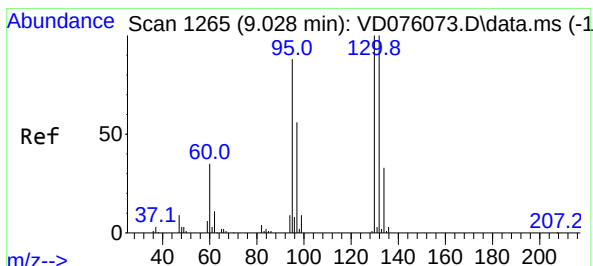
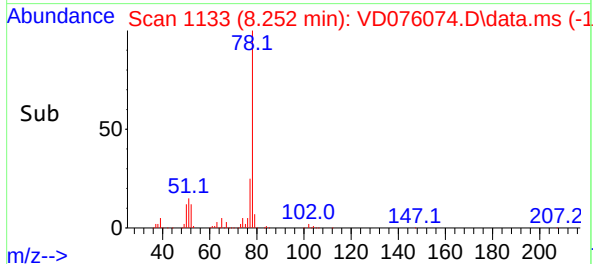
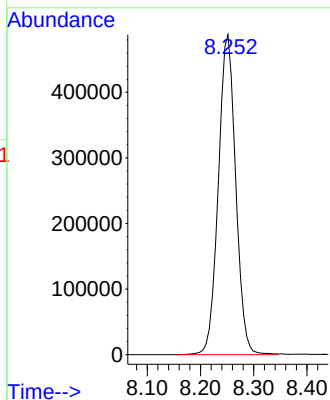
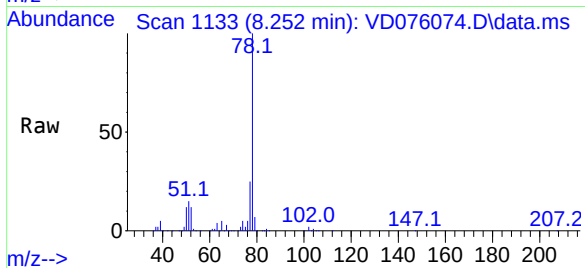




#33
Benzene
Concen: 51.597 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

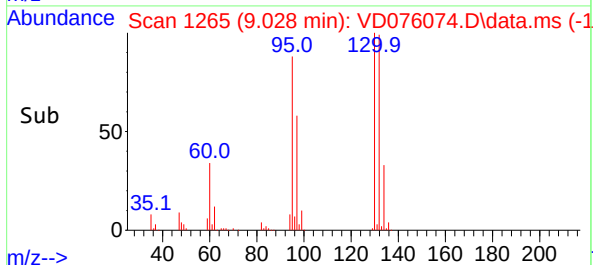
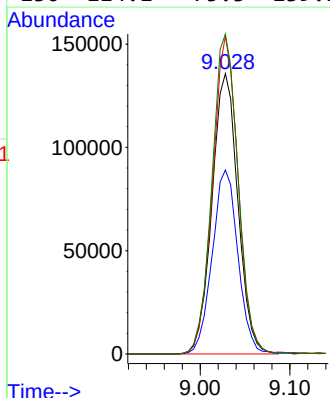
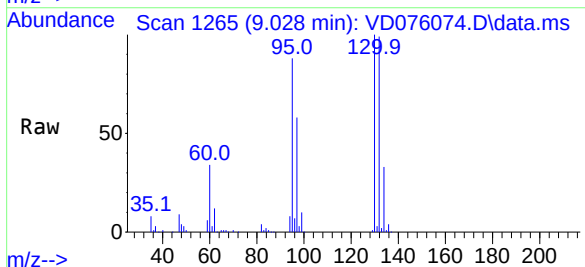
Tgt Ion: 78 Resp: 1105817

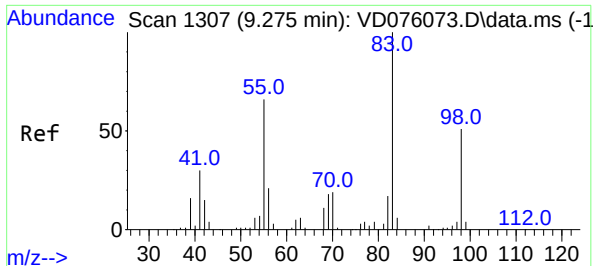


#34
Trichloroethene
Concen: 49.224 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 95 Resp: 272301

Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.0	85.4
132	113.4	73.3	136.1
130	114.1	75.3	139.9

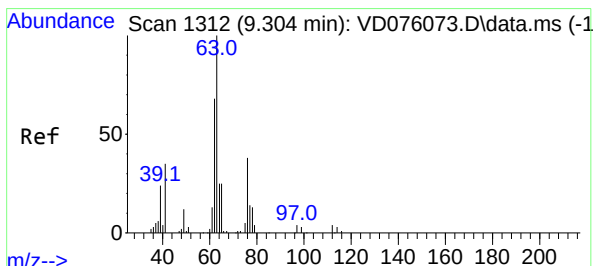
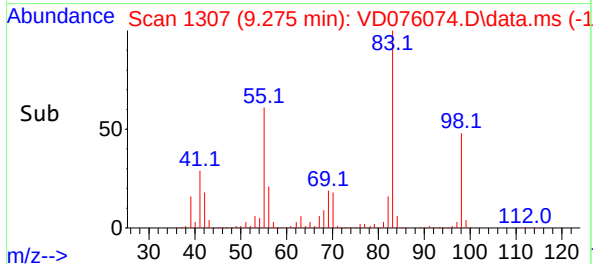
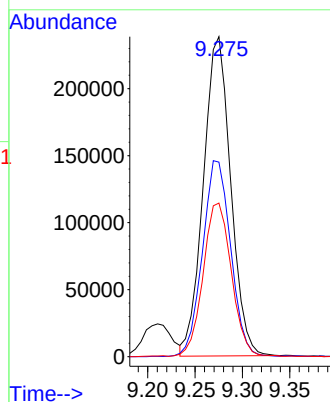
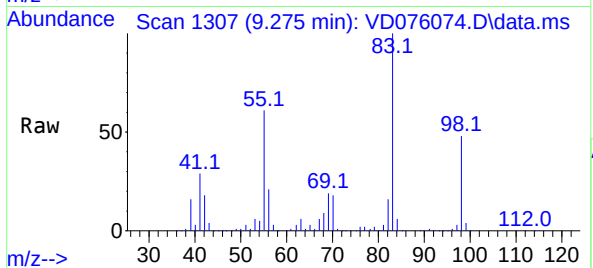




#35
Methylcyclohexane
Concen: 57.012 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

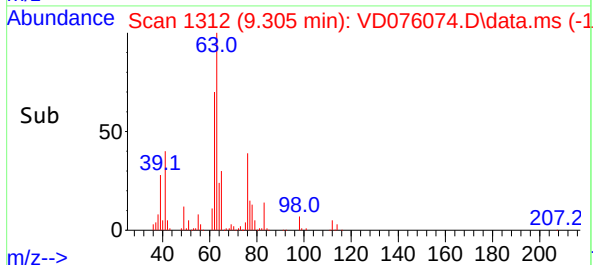
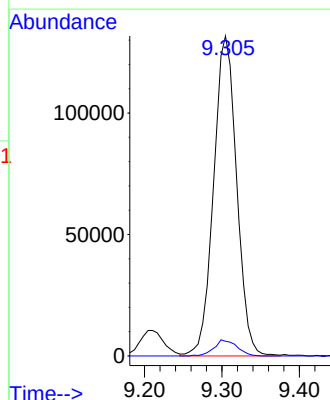
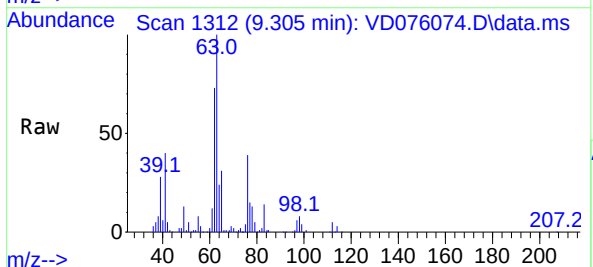
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

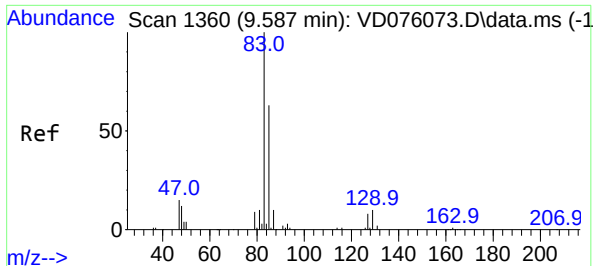
Tgt Ion: 83 Resp: 477836
Ion Ratio Lower Upper
83 100
55 63.4 48.2 72.2
98 49.9 40.8 61.2



#37
1,2-Dichloropropane
Concen: 49.856 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 63 Resp: 272533
Ion Ratio Lower Upper
63 100
112 5.0 4.0 6.0

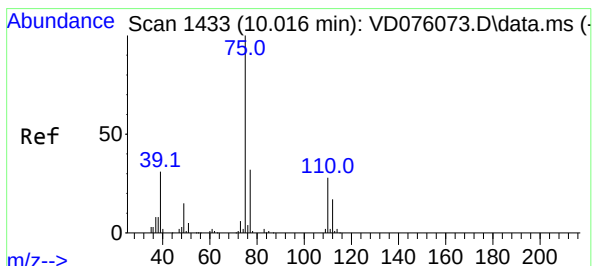
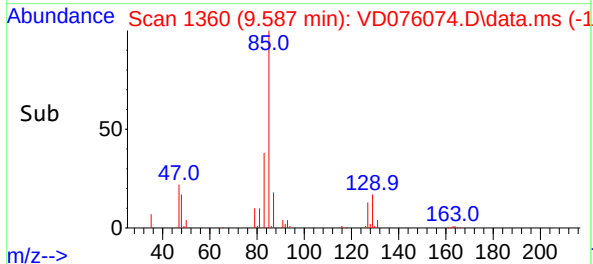
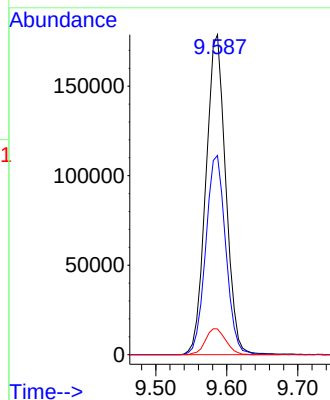
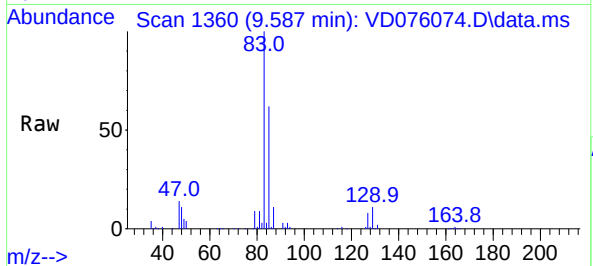




#38
Bromodichloromethane
Concen: 49.559 ug/L
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

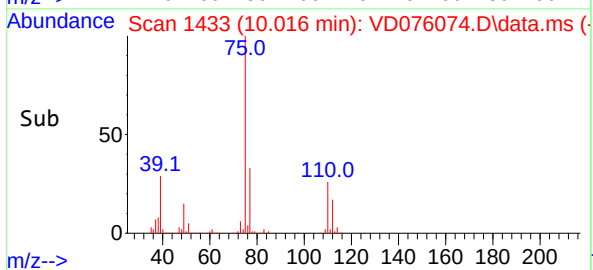
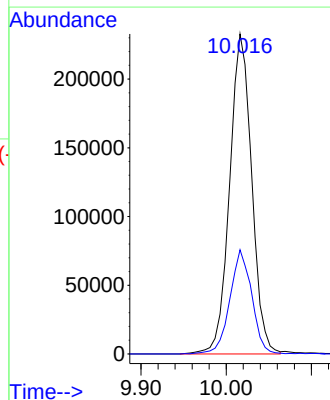
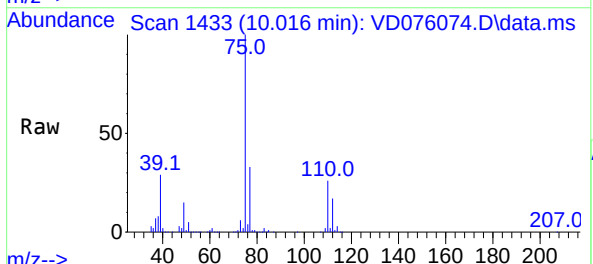
Instrument :
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ClientSampleId :
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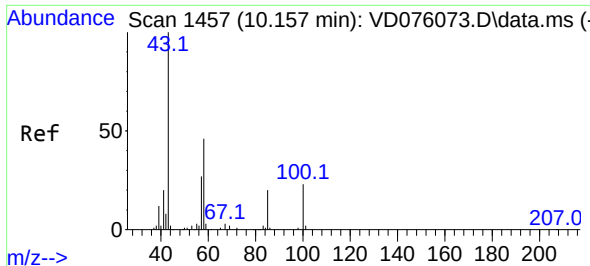
Tgt Ion: 83 Resp: 347102
Ion Ratio Lower Upper
83 100
85 62.2 44.2 82.2
127 8.0 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 53.207 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 75 Resp: 418946
Ion Ratio Lower Upper
75 100
77 32.5 23.4 43.6

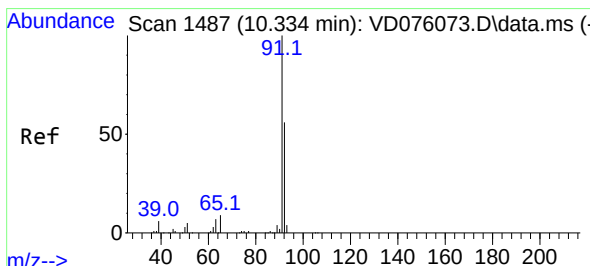
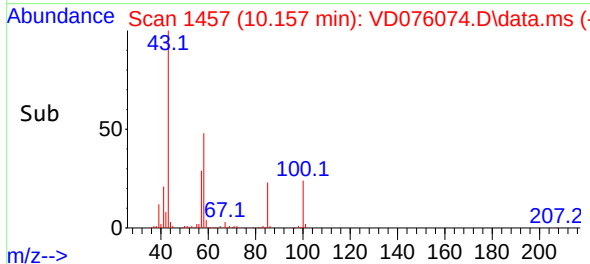
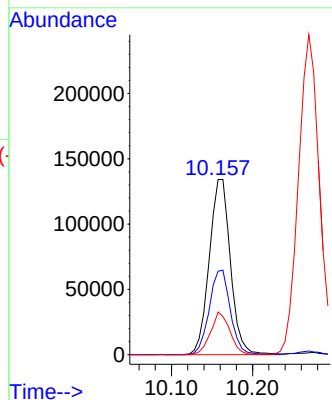
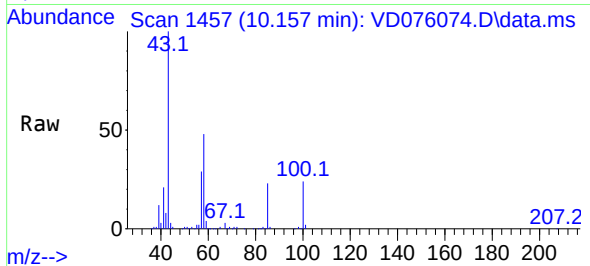




#40
4-Methyl-2-pentanone
Concen: 110.507 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

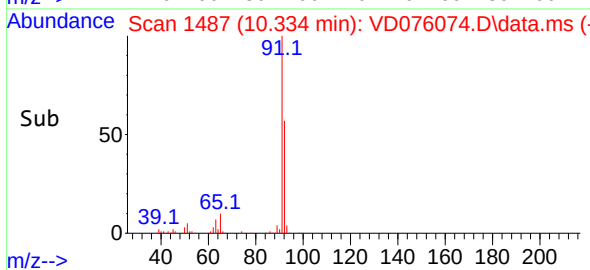
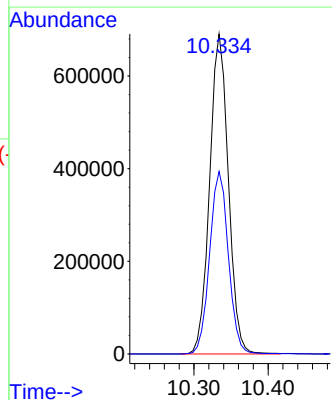
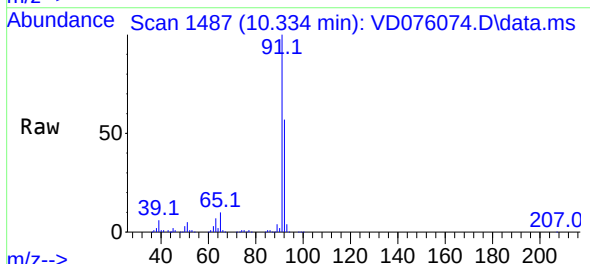
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

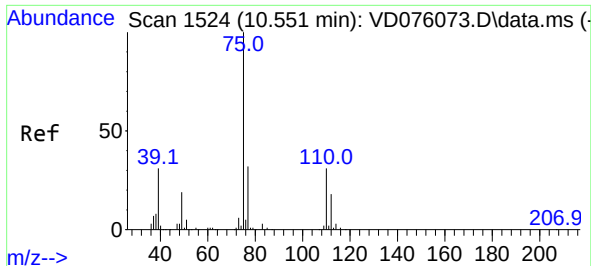
Tgt Ion: 43 Resp: 243483
Ion Ratio Lower Upper
43 100
58 48.0 39.1 58.7
100 22.1 19.4 29.0



#42
Toluene
Concen: 52.942 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 91 Resp: 1211278
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9

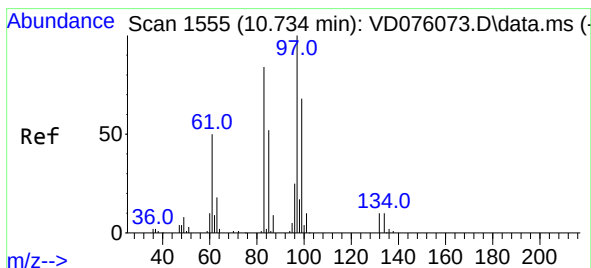
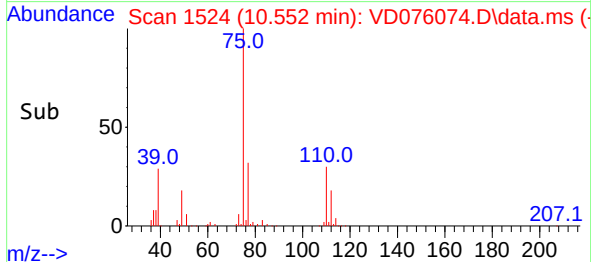
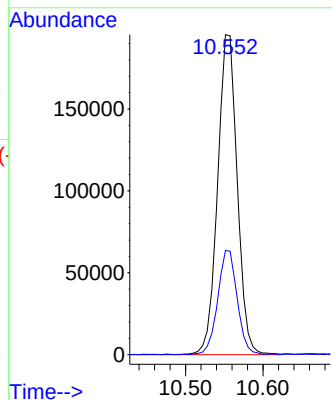
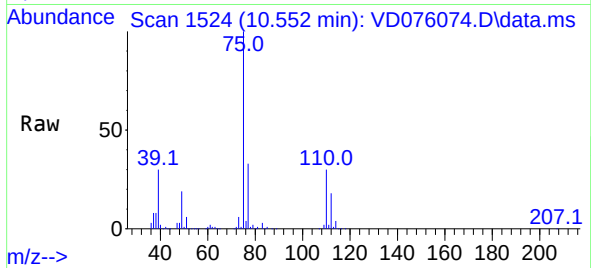




#44
trans-1,3-Dichloropropene
Concen: 52.362 ug/L
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

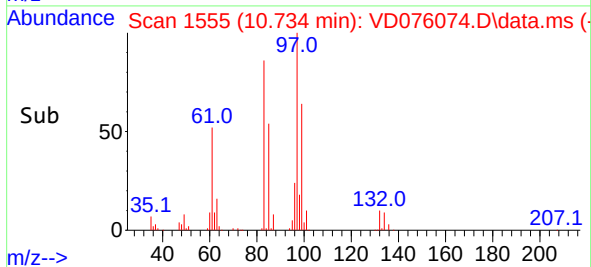
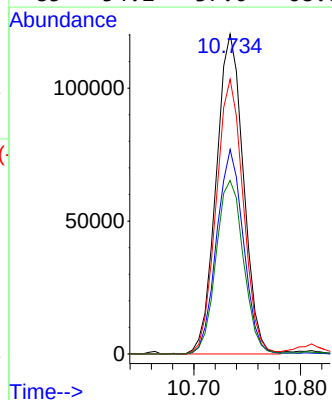
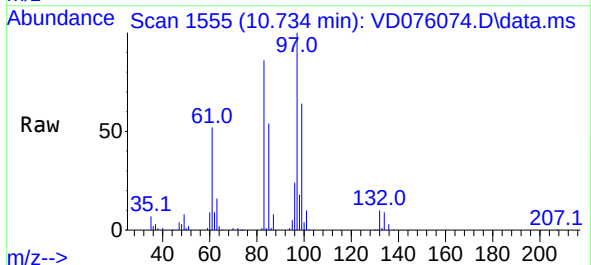
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

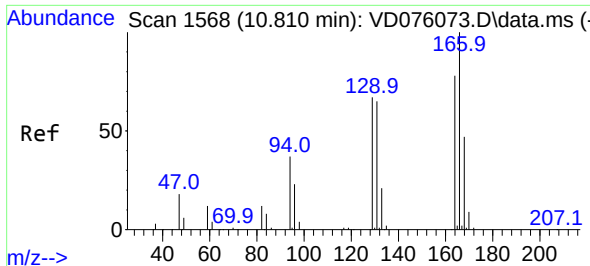
Tgt Ion: 75 Resp: 344024
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 48.421 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 97 Resp: 213725
Ion Ratio Lower Upper
97 100
99 63.9 42.2 78.4
83 85.8 54.8 101.8
85 54.2 37.0 68.8



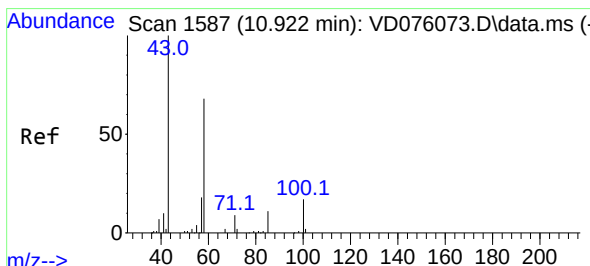
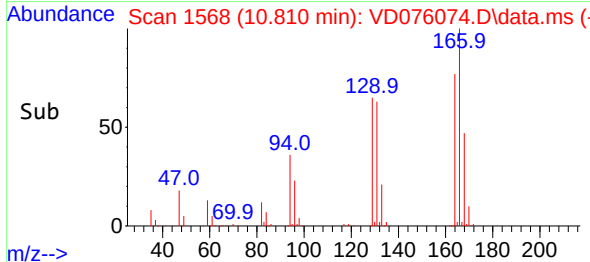
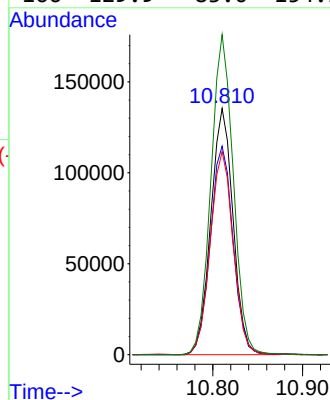
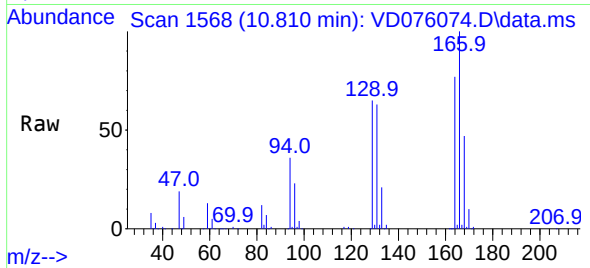


#46
Tetrachloroethene
Concen: 50.544 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

Tgt Ion:164 Resp: 233592

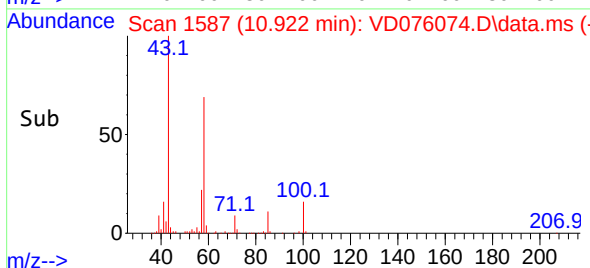
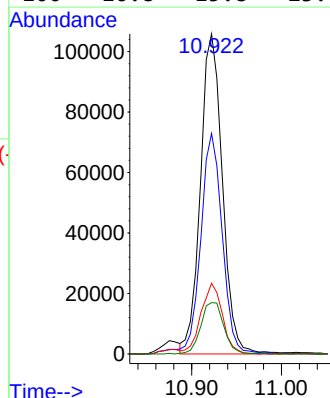
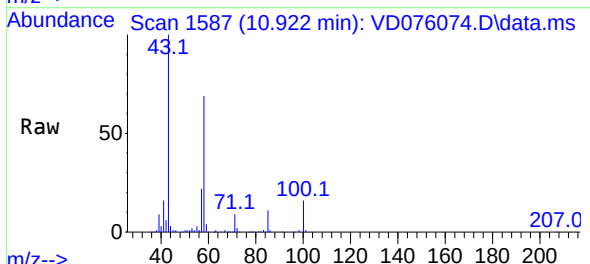
Ion	Ratio	Lower	Upper
164	100		
129	84.6	60.3	112.1
131	82.4	58.9	109.3
166	129.9	83.0	154.1

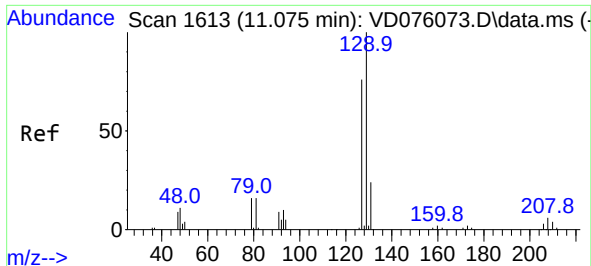


#48
2-Hexanone
Concen: 112.615 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 43 Resp: 180059

Ion	Ratio	Lower	Upper
43	100		
58	66.8	59.7	89.5
57	21.6	17.9	26.9
100	16.8	15.8	23.6





#49

Dibromochloromethane

Concen: 49.691 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

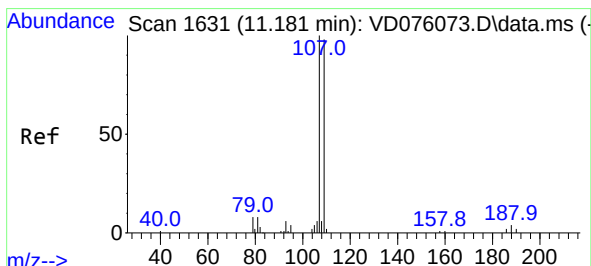
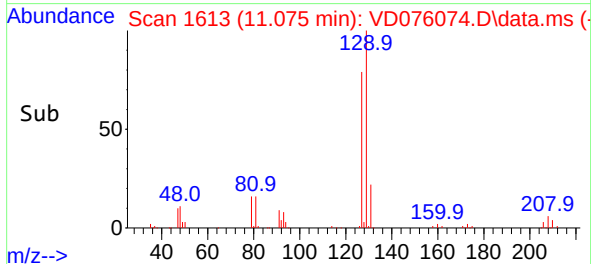
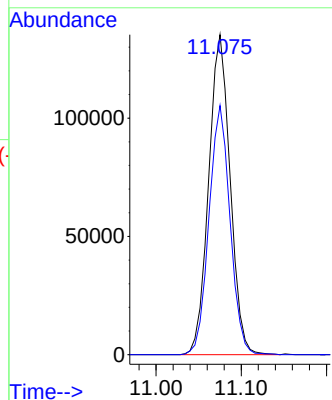
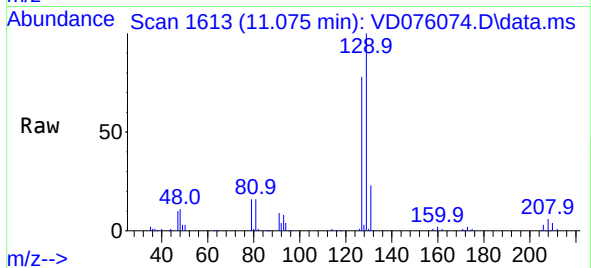
VSTD050149

Tgt Ion:129 Resp: 236642

Ion Ratio Lower Upper

129 100

127 77.9 55.6 103.4



#50

1,2-Dibromoethane

Concen: 48.943 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

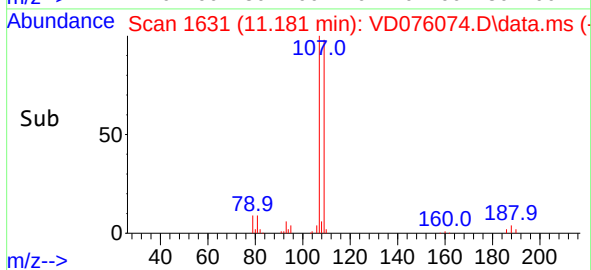
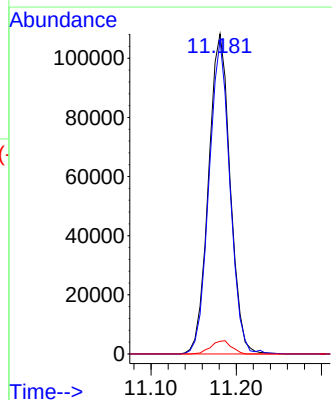
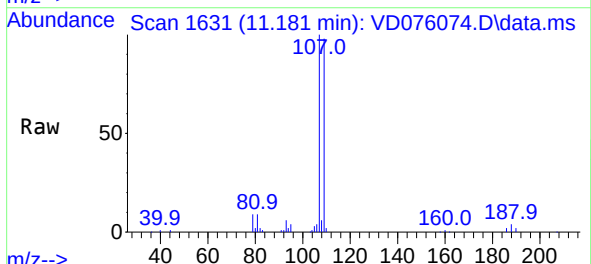
Tgt Ion:107 Resp: 190789

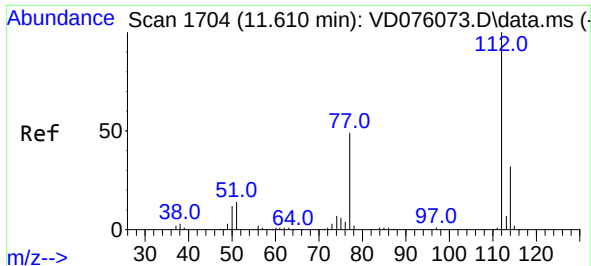
Ion Ratio Lower Upper

107 100

109 98.1 67.6 125.6

188 3.9 3.0 4.6

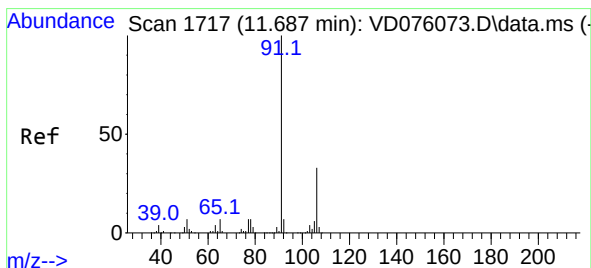
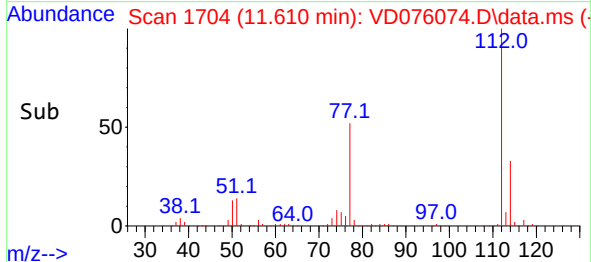
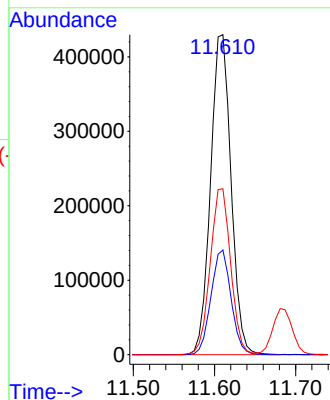
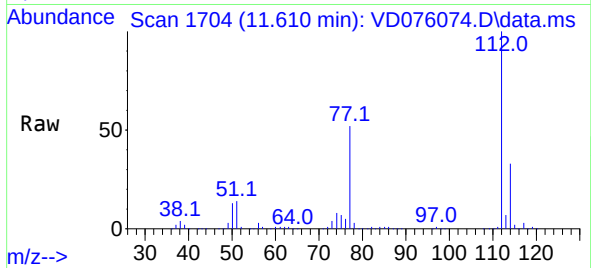




#51
Chlorobenzene
Concen: 48.404 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

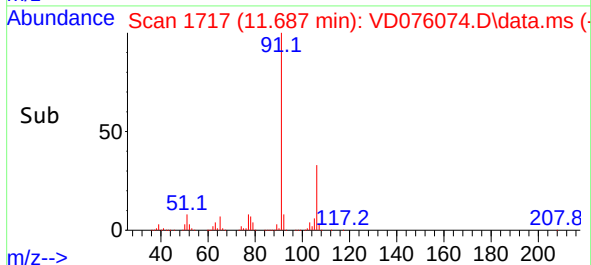
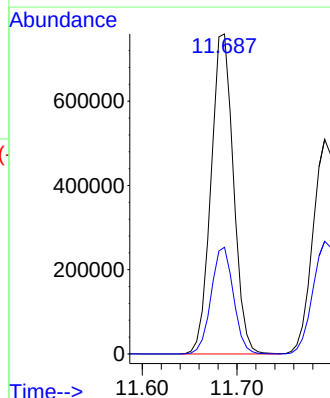
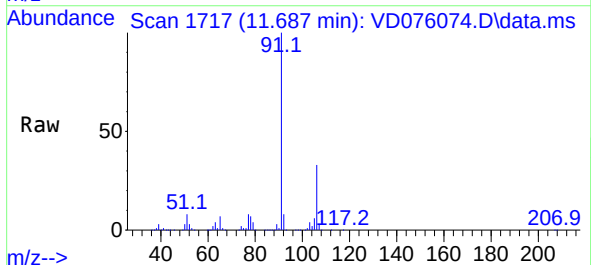
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

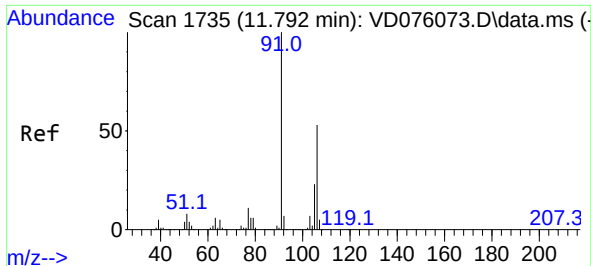
Tgt Ion:112 Resp: 753751
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.8
77 51.8 39.7 59.5



#52
Ethylbenzene
Concen: 52.672 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 91 Resp: 1250215
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9

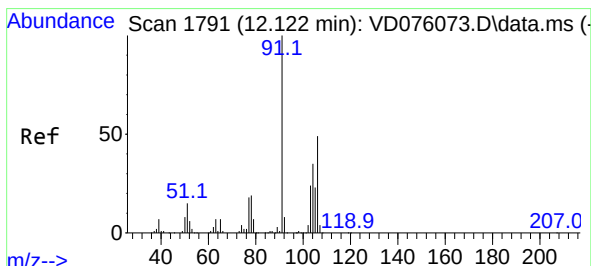
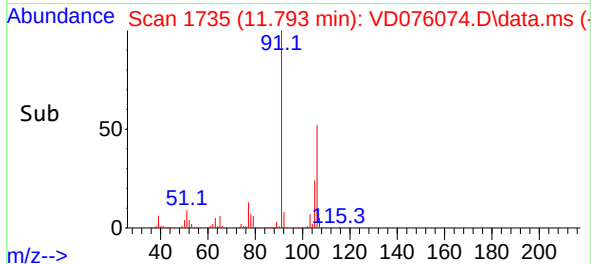
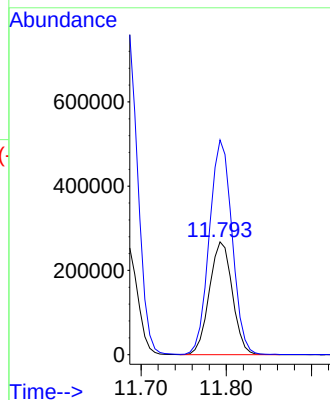
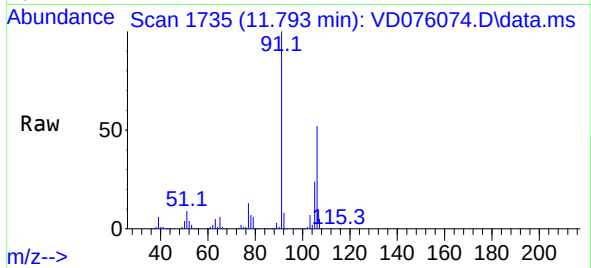




#53
m,p-Xylene
Concen: 54.178 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

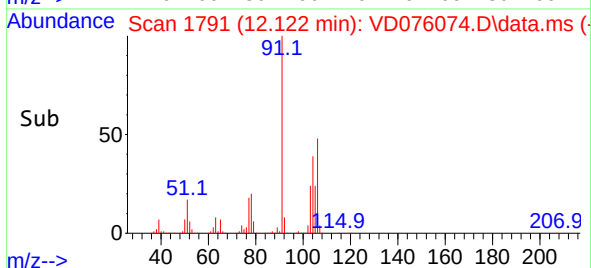
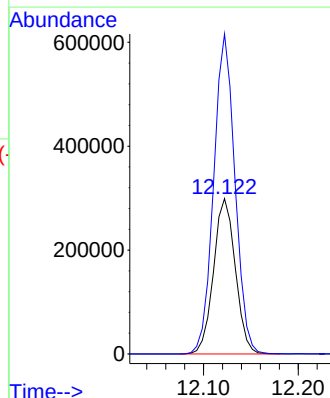
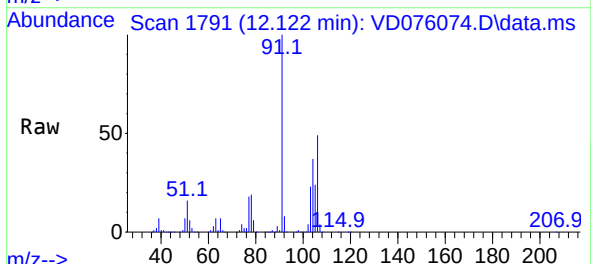
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

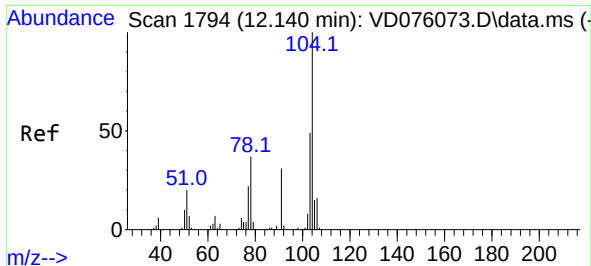
Tgt Ion:106 Resp: 501464
Ion Ratio Lower Upper
106 100
91 190.5 130.9 243.1



#54
o-Xylene
Concen: 54.544 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion:106 Resp: 478792
Ion Ratio Lower Upper
106 100
91 206.0 139.8 259.6

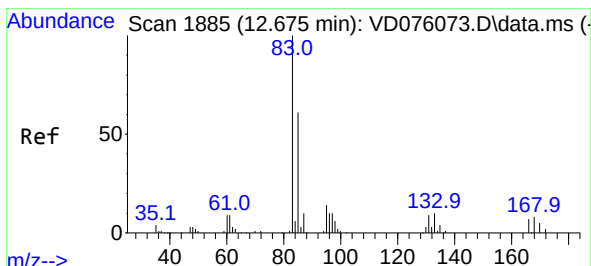
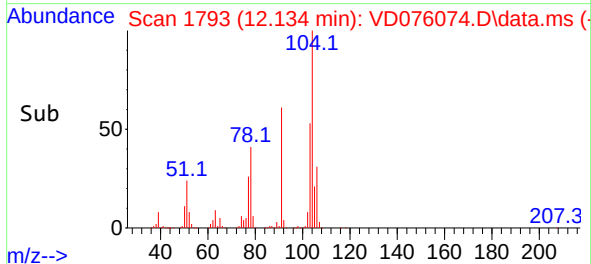
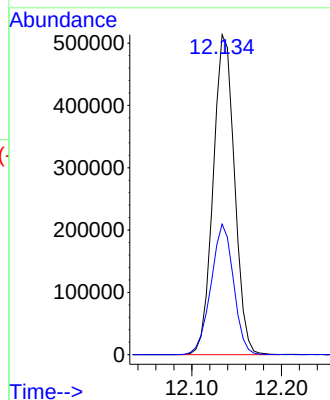
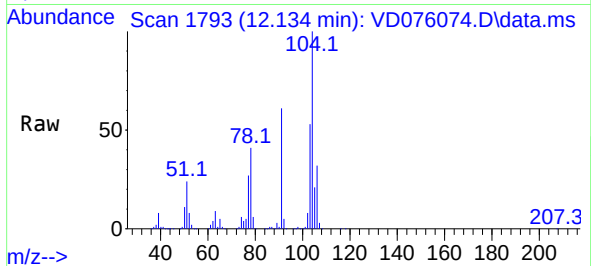




#55
Styrene
Concen: 54.599 ug/L
RT: 12.134 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

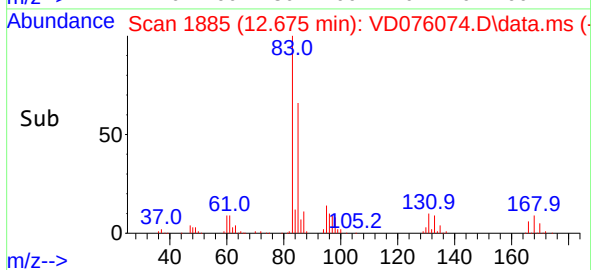
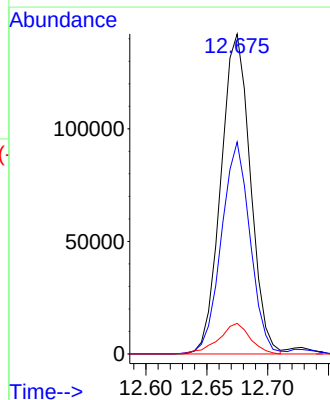
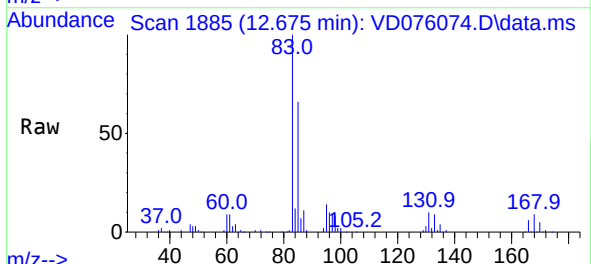
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

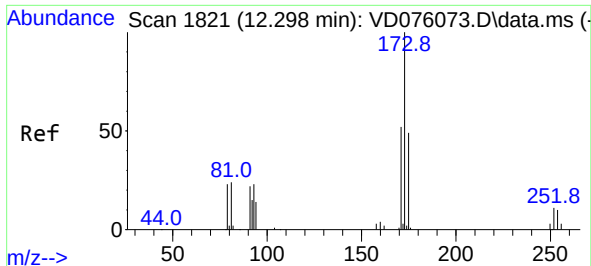
Tgt Ion:104 Resp: 849106
Ion Ratio Lower Upper
104 100
78 40.8 26.2 48.6



#57
1,1,2,2-Tetrachloroethane
Concen: 48.399 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion: 83 Resp: 239158
Ion Ratio Lower Upper
83 100
85 66.3 45.1 83.7
131 9.5 7.0 10.6

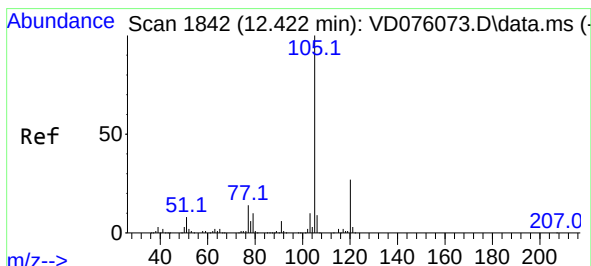
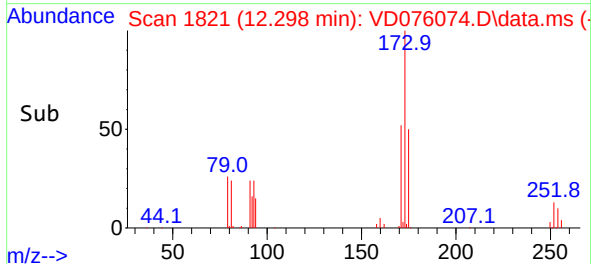
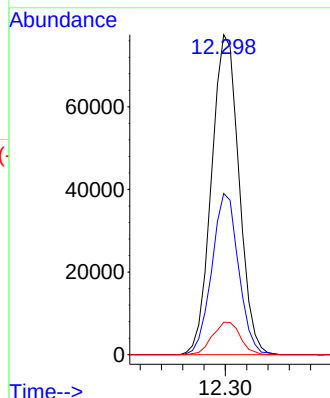
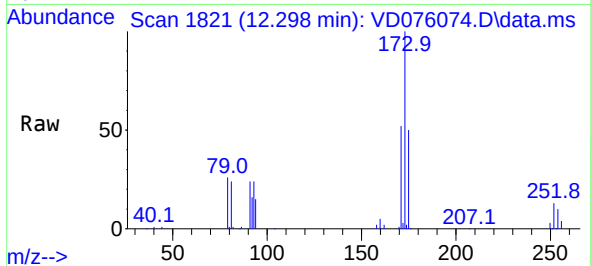




#59
Bromoform
Concen: 48.372 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

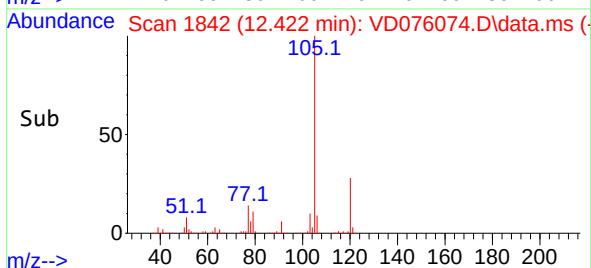
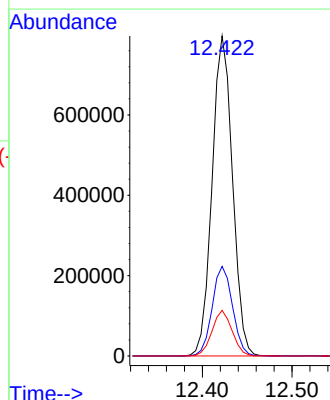
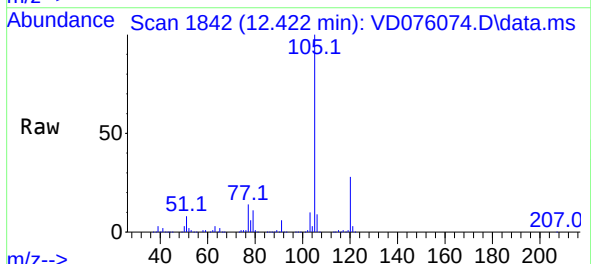
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

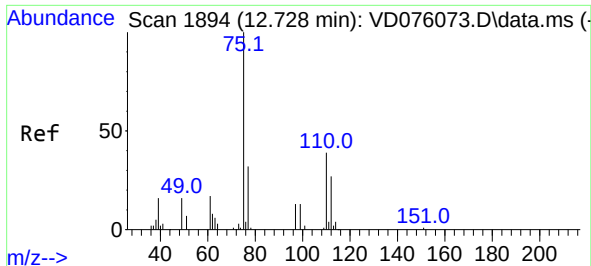
Tgt Ion:173 Resp: 138566
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 10.3 7.4 11.2



#60
Isopropylbenzene
Concen: 56.215 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion:105 Resp: 1258219
Ion Ratio Lower Upper
105 100
120 27.9 22.7 34.1
77 14.0 10.9 16.3

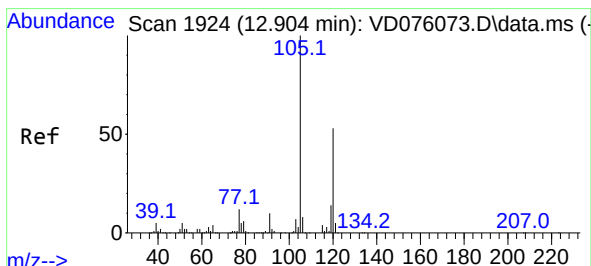
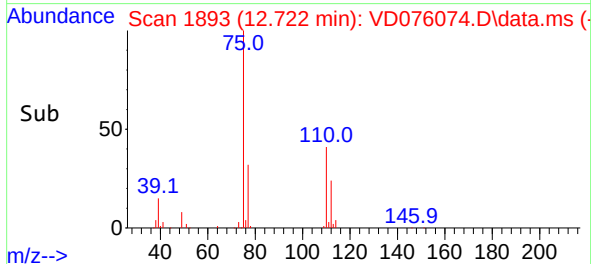
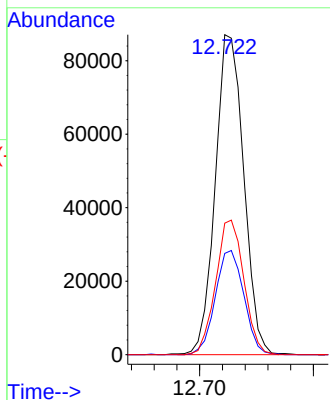
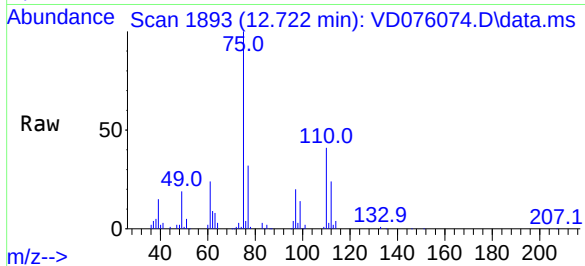




#61
1,2,3-Trichloropropane
Concen: 47.809 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

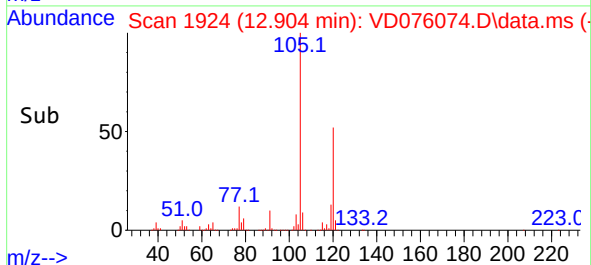
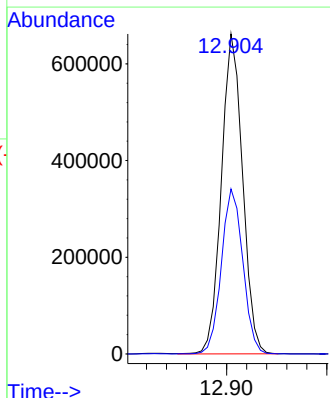
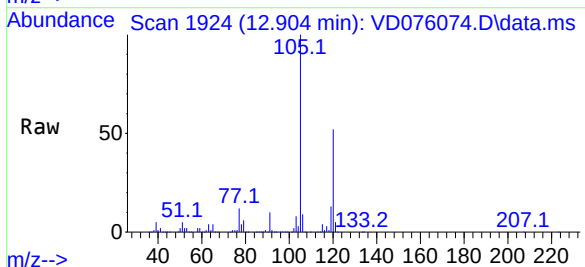
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

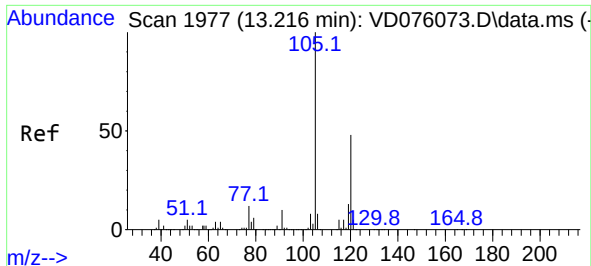
Tgt Ion: 75 Resp: 151591
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 41.6 33.5 50.3



#62
1,3,5-Trimethylbenzene
Concen: 56.523 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion:105 Resp: 970624
Ion Ratio Lower Upper
105 100
120 52.2 42.0 63.0

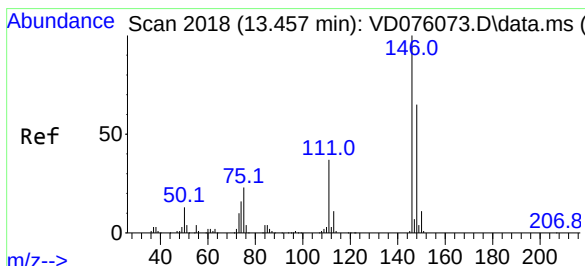
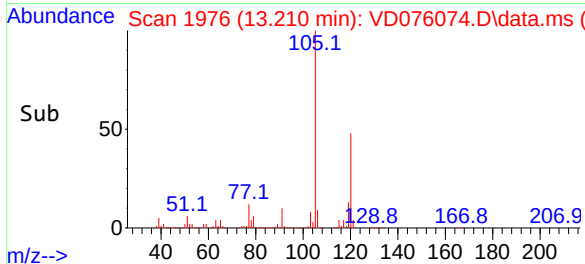
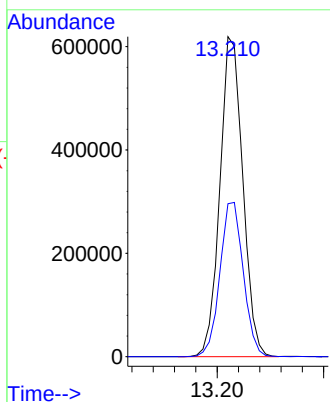
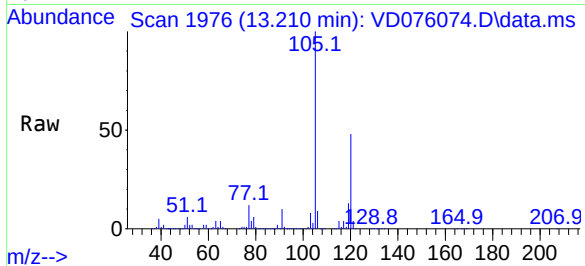




#63
1,2,4-Trimethylbenzene
Concen: 56.184 ug/L
RT: 13.210 min Scan# 1977
Delta R.T. -0.006 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

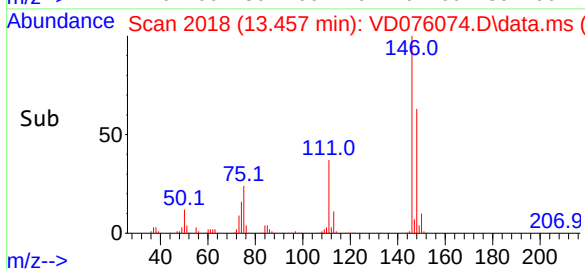
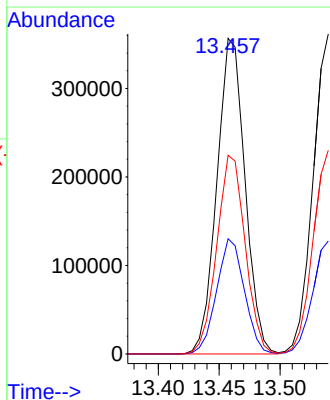
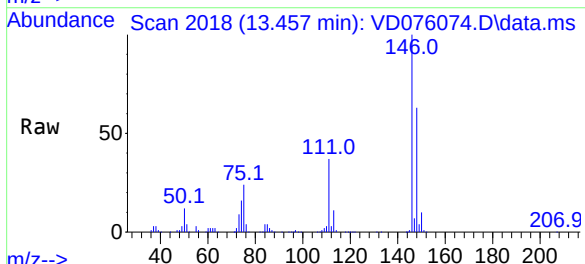
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

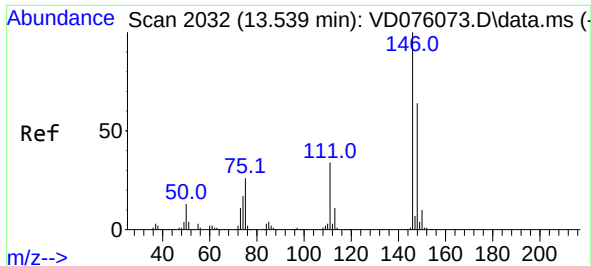
Tgt Ion:105 Resp: 922714
Ion Ratio Lower Upper
105 100
120 49.3 39.0 58.6



#64
1,3-Dichlorobenzene
Concen: 49.453 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion:146 Resp: 574679
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 63.0 43.8 81.3

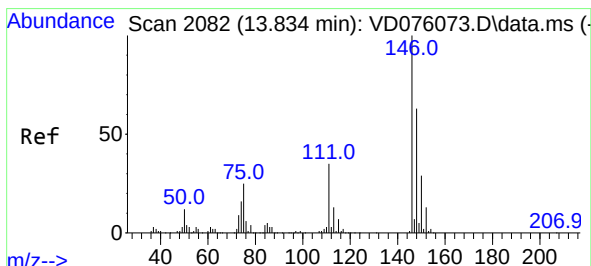
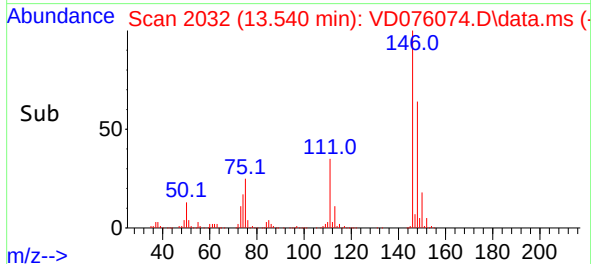
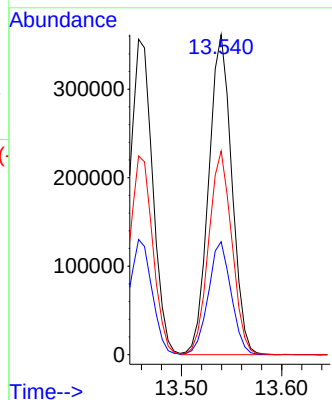
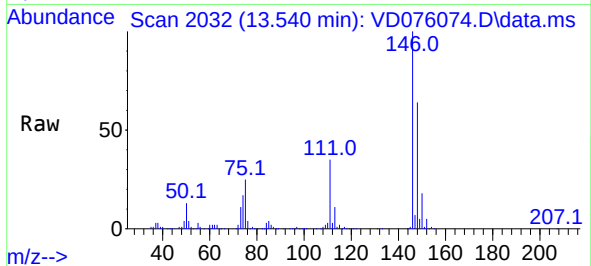




#65
1,4-Dichlorobenzene
Concen: 48.020 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

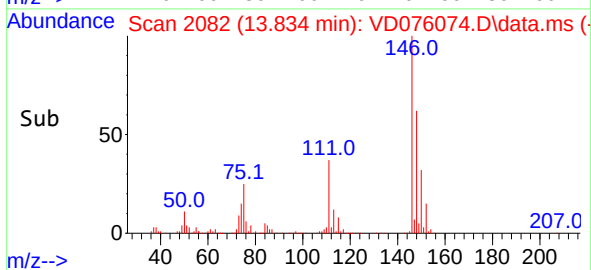
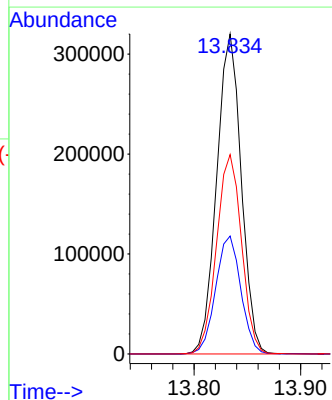
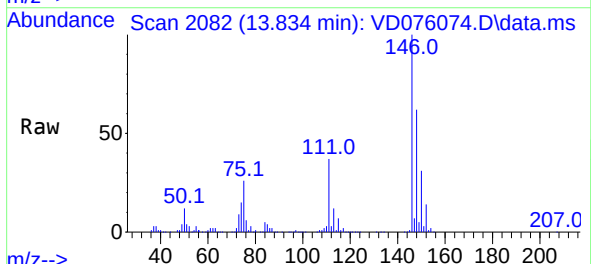
Instrument :
MSVOA_D
ClientSampleId :
VSTD050149

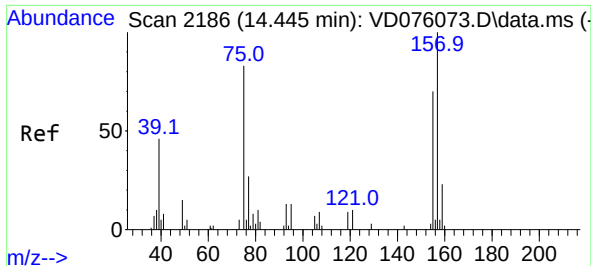
Tgt Ion:146 Resp: 580514
Ion Ratio Lower Upper
146 100
111 35.3 24.6 45.8
148 63.6 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 48.402 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076074.D
Acq: 11 May 2023 12:03

Tgt Ion:146 Resp: 513035
Ion Ratio Lower Upper
146 100
111 36.8 30.6 46.0
148 62.3 51.4 77.0





#68

1,2-Dibromo-3-chloropropane

Concen: 47.033 ug/L

RT: 14.451 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VSTD050149

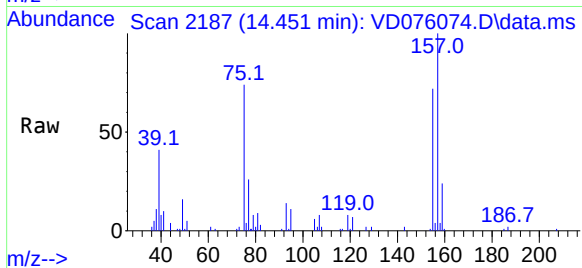
Tgt Ion: 75 Resp: 29917

Ion Ratio Lower Upper

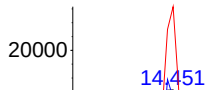
75 100

155 96.7 74.6 111.8

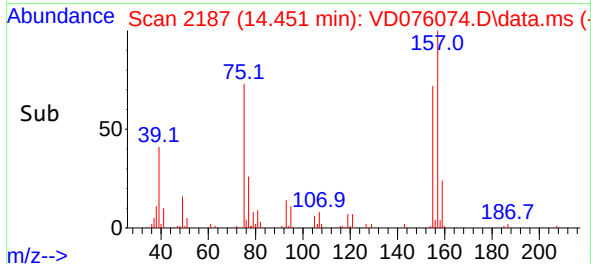
157 135.2 109.4 164.2



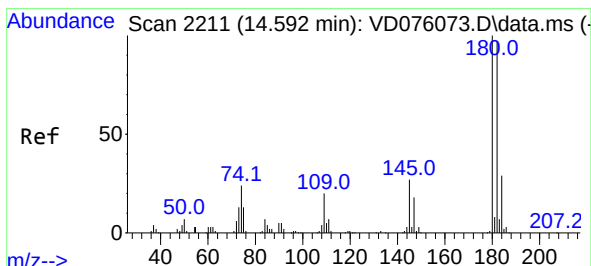
Abundance



m/z-->



Time-->



#69

1,3,5-Trichlorobenzene

Concen: 51.087 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

Tgt Ion:180 Resp: 377225

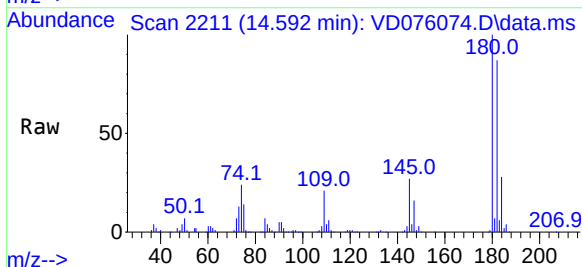
Ion Ratio Lower Upper

180 100

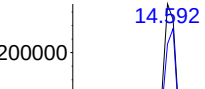
182 93.5 74.9 112.3

184 30.1 25.0 37.4

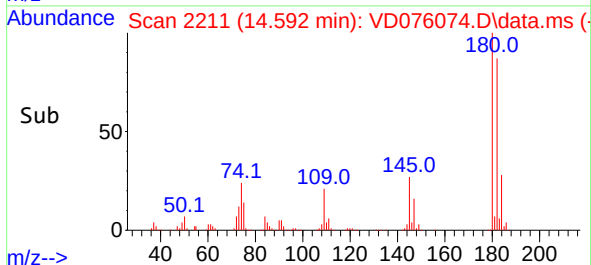
145 27.0 22.8 34.2



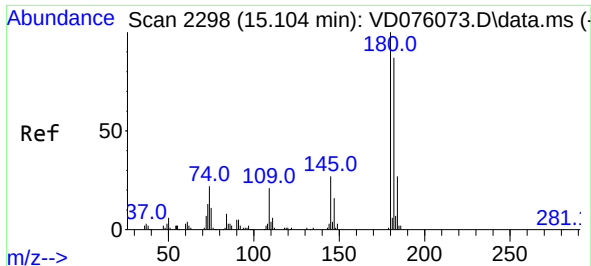
Abundance



m/z-->



Time-->



#70

1,2,4-trichlorobenzene

Concen: 53.352 ug/L

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VSTD050149

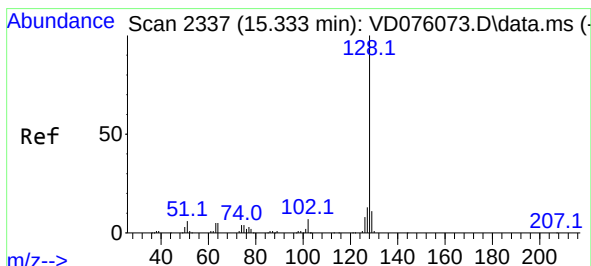
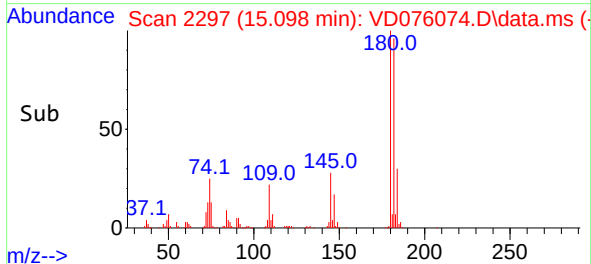
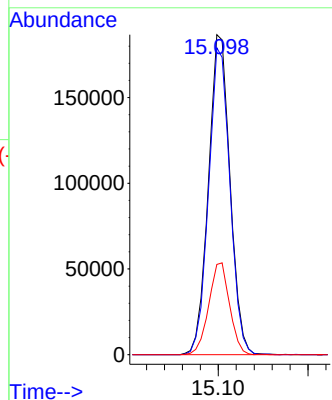
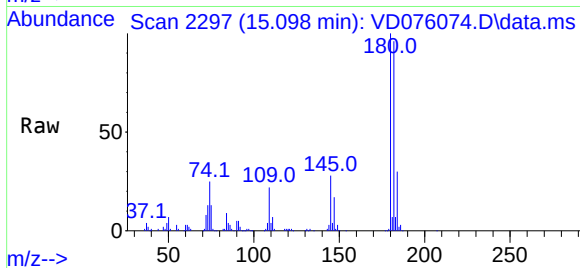
Tgt Ion:180 Resp: 311784

Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.2

145 27.7 23.6 35.4



#71

Napthalene

Concen: 57.156 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076074.D

Acq: 11 May 2023 12:03

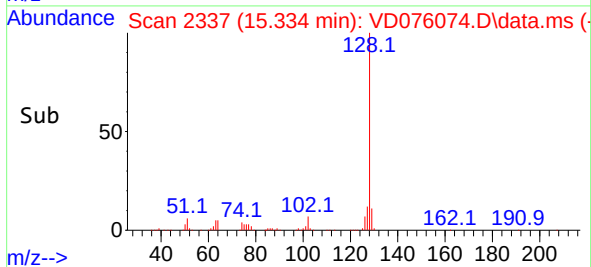
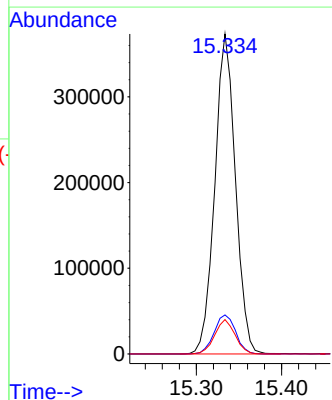
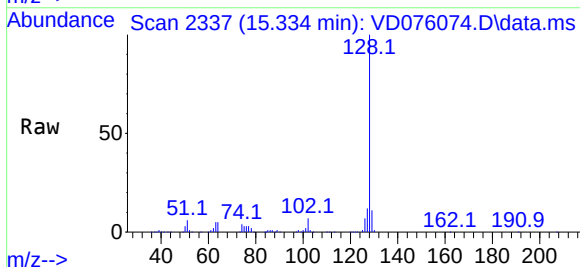
Tgt Ion:128 Resp: 627669

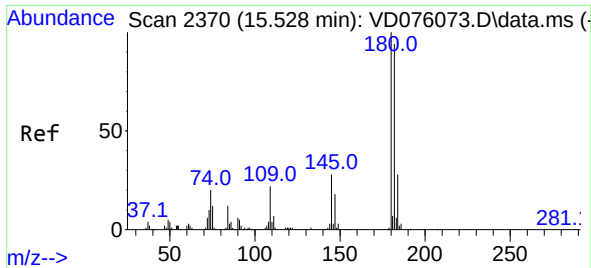
Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

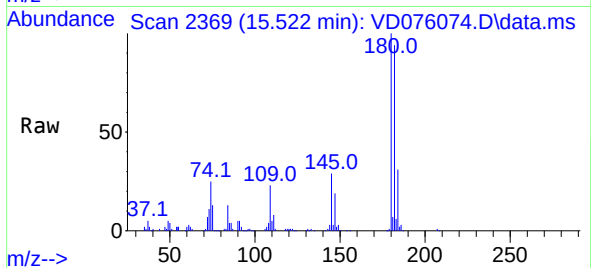
129 10.6 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 55.479 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076074.D
 Acq: 11 May 2023 12:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050149



Tgt Ion:	180	Resp:	294827
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.3	114.5
145	28.6	25.0	37.6

