

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076914.D
 Acq On : 03 Aug 2023 11:28
 Operator : KP/SY
 Sample : VSTD05061
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050161

Quant Time: Aug 04 01:42:16 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	281703	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	283059	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	151722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	353088	52.555	ug/L	0.00
7) Chloroethane-d5	2.793	69	330368	58.593	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	89829	51.302	ug/L	0.00
21) 2-Butanone-d5	6.981	46	134866	127.132	ug/L	0.00
24) Chloroform-d	7.569	84	449026	59.647	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	230219	61.927	ug/L	0.00
32) Benzene-d6	8.199	84	908996	53.662	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	270957	50.333	ug/L	0.00
41) Toluene-d8	10.269	98	861253	54.655	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	126206	55.871	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	124312	140.192	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	272866	66.635	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	289542	53.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	217424	49.976	ug/L	99
3) Chloromethane	2.146	50	289294	41.163	ug/L	98
5) Vinyl chloride	2.281	62	426017	53.732	ug/L	94
6) Bromomethane	2.687	94	319558	67.948	ug/L	97
8) Chloroethane	2.828	64	290660	58.514	ug/L	98
9) Trichlorofluoromethane	3.170	101	356005	59.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	230715	59.458	ug/L	97
12) 1,1-Dichloroethene	3.934	96	211426	56.702	ug/L	93
13) Acetone	4.022	43	147228	155.263	ug/L	71
14) Carbon disulfide	4.269	76	728572	54.088	ug/L	99
16) Methylene chloride	4.799	84	245289	48.856	ug/L	82
17) trans-1,2-Dichloroethene	5.311	96	232604	55.423	ug/L	89
18) Methyl tert-butyl Ether	5.316	73	541561	56.913	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	385651	51.426	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	263456	56.401	ug/L	89
22) 2-Butanone	7.081	43	183454	127.367	ug/L	85
23) Bromochloromethane	7.428	128	121184	59.761	ug/L	82
25) Chloroform	7.593	83	420742	56.016	ug/L	99
27) 1,2-Dichloroethane	8.322	62	261956	56.633	ug/L	97
29) Cyclohexane	7.875	56	332778	45.505	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	351778	52.966	ug/L	96
31) Carbon tetrachloride	7.987	117	303054	56.420	ug/L	97
33) Benzene	8.252	78	949954	50.854	ug/L	100
34) Trichloroethene	9.028	95	241320	50.391	ug/L	97
35) Methylcyclohexane	9.275	83	428841	54.863	ug/L	91
37) 1,2-Dichloropropane	9.304	63	240190	47.428	ug/L	98
38) Bromodichloromethane	9.587	83	322187	54.506	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	408788	52.521	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	316674	101.046	ug/L #	90
42) Toluene	10.334	91	1049251	52.212	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	347938	54.452	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	208232	57.150	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

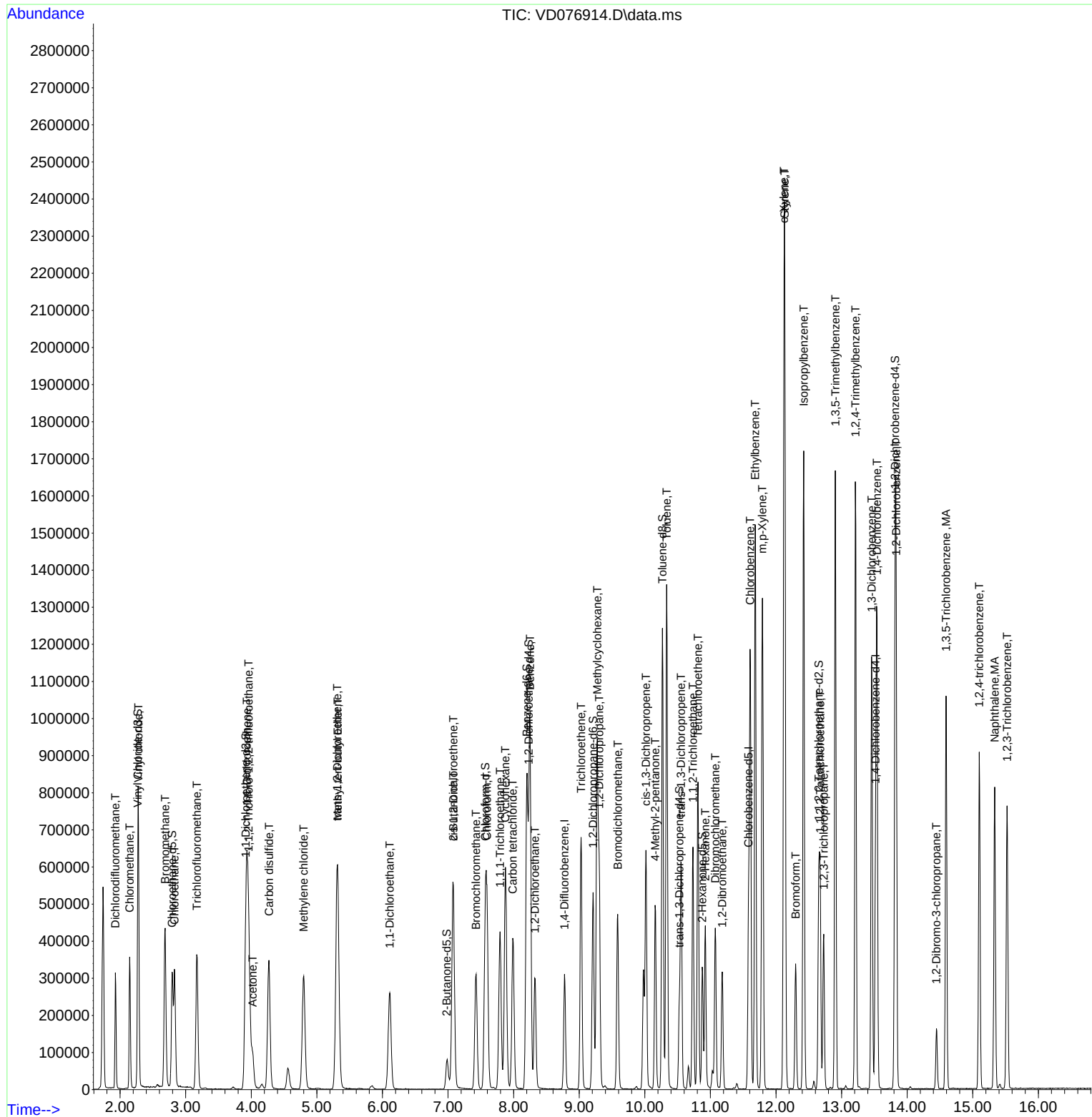
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	189025	49.870	ug/L	92
48) 2-Hexanone	10.922	43	265931	120.393	ug/L #	91
49) Dibromochloromethane	11.075	129	235797	57.706	ug/L	100
50) 1,2-Dibromoethane	11.181	107	211778	59.931	ug/L	89
51) Chlorobenzene	11.604	112	670503	53.407	ug/L	98
52) Ethylbenzene	11.681	91	1163556	53.737	ug/L	100
53) m,p-Xylene	11.793	106	448021	52.762	ug/L	97
54) o-Xylene	12.122	106	430772	53.299	ug/L	96
55) Styrene	12.134	104	780091	55.187	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	265528	62.562	ug/L	96
59) Bromoform	12.298	173	148929	53.834	ug/L #	99
60) Isopropylbenzene	12.422	105	1149419	49.877	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	173983	56.918	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	898655	49.240	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	893392	49.261	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	492928	48.246	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	503031	48.396	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	463558	50.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	36954	54.855	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	314968	46.593	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	281560	46.875	ug/L	97
71) Naphthalene	15.334	128	681501	56.876	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	255952	48.481	ug/L	98

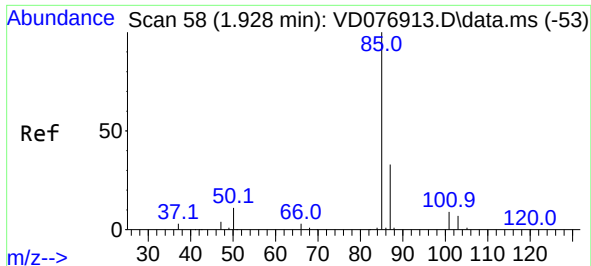
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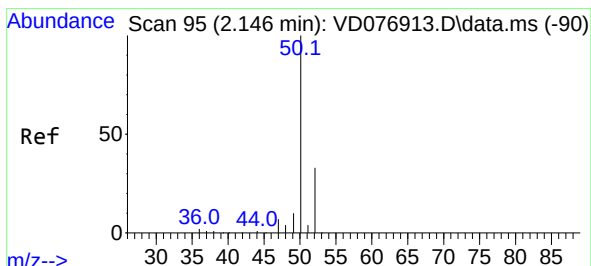
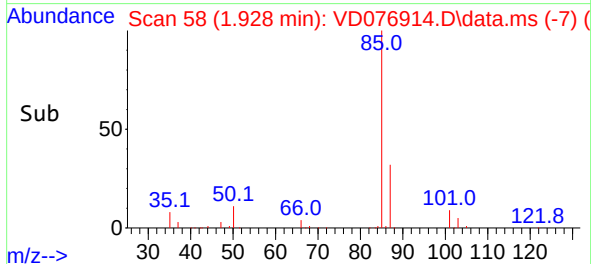
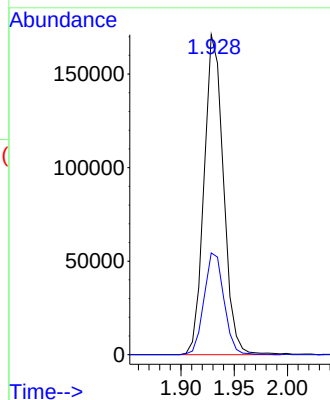
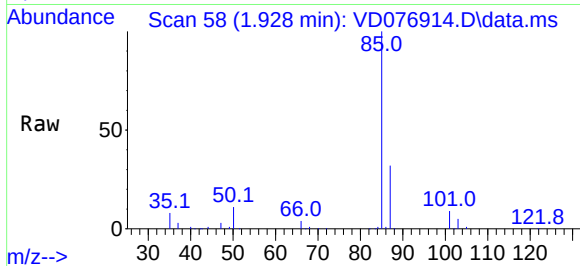




#2
Dichlorodifluoromethane
Concen: 49.976 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

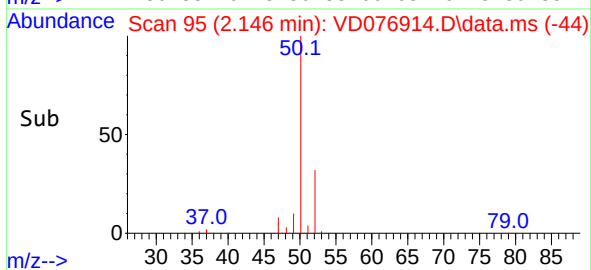
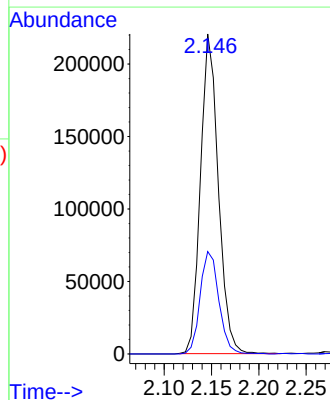
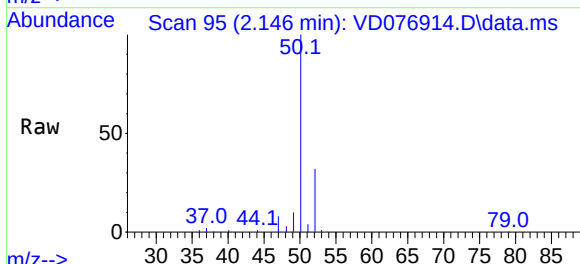
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

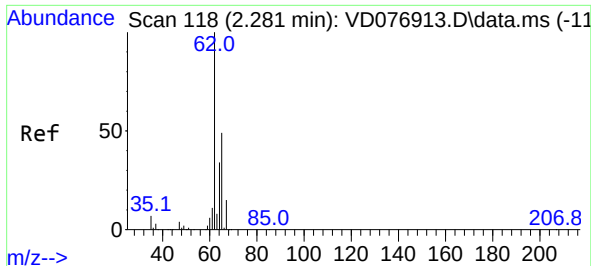
Tgt Ion: 85 Resp: 217424
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 41.163 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 50 Resp: 289294
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2

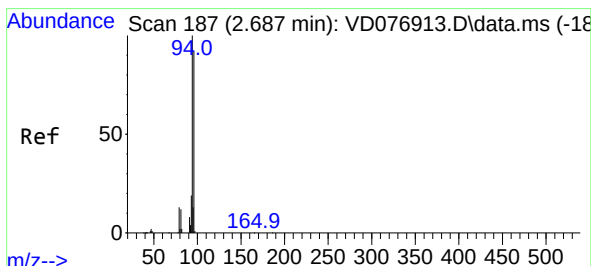
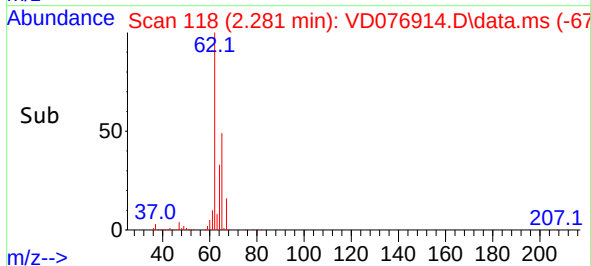
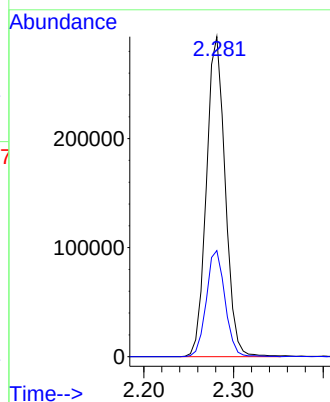
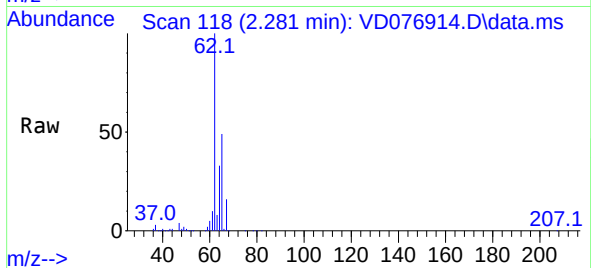




#5
 Vinyl chloride
 Concen: 53.732 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076914.D
 Acq: 03 Aug 2023 11:28

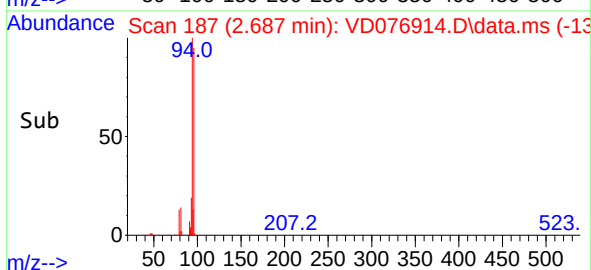
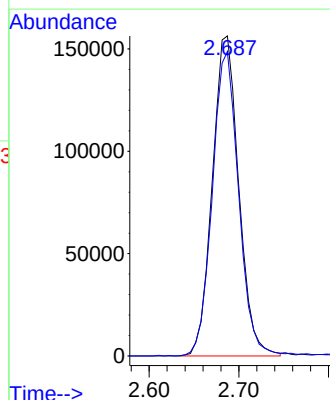
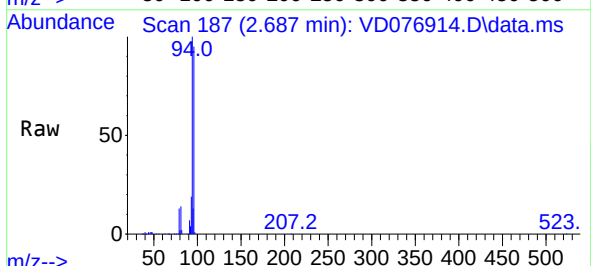
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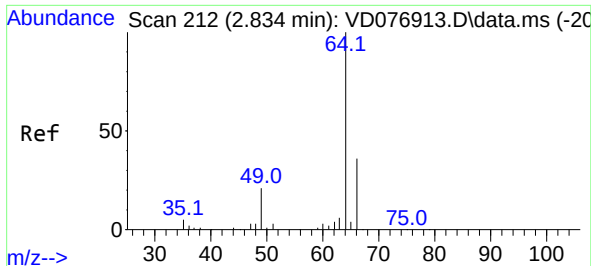
Tgt Ion: 62 Resp: 426017
 Ion Ratio Lower Upper
 62 100
 64 33.2 21.1 39.1



#6
 Bromomethane
 Concen: 67.948 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076914.D
 Acq: 03 Aug 2023 11:28

Tgt Ion: 94 Resp: 319558
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.7 120.1





#8

Chloroethane

Concen: 58.514 ug/L

RT: 2.828 min Scan# 212

Delta R.T. -0.006 min

Lab File: VD076914.D

Acq: 03 Aug 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

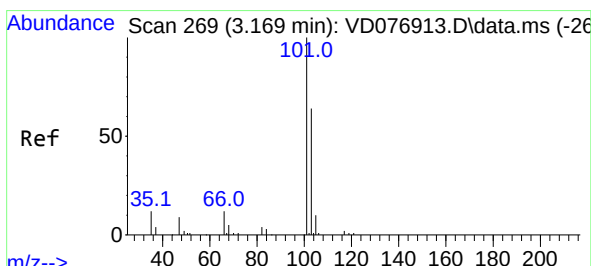
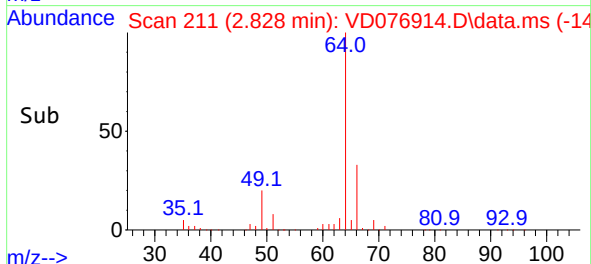
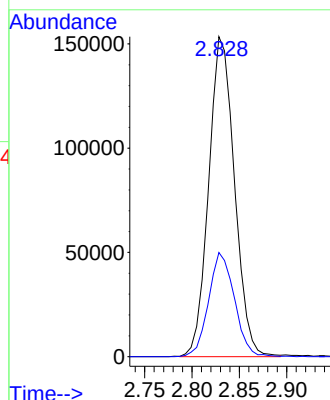
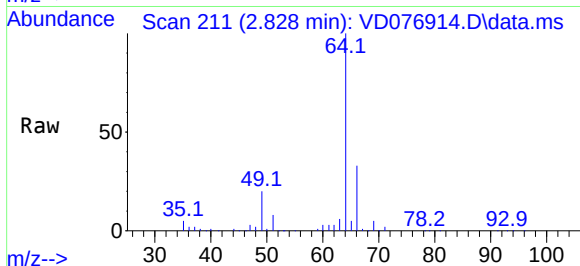
VSTD050161

Tgt Ion: 64 Resp: 290660

Ion Ratio Lower Upper

64 100

66 32.5 22.1 41.1



#9

Trichlorofluoromethane

Concen: 59.626 ug/L

RT: 3.170 min Scan# 269

Delta R.T. 0.000 min

Lab File: VD076914.D

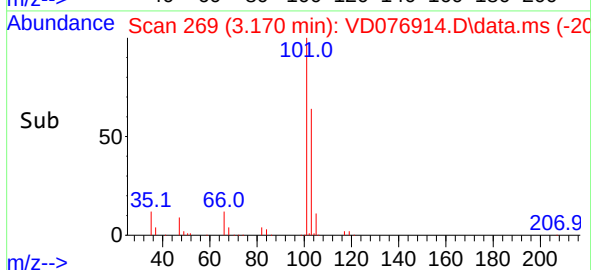
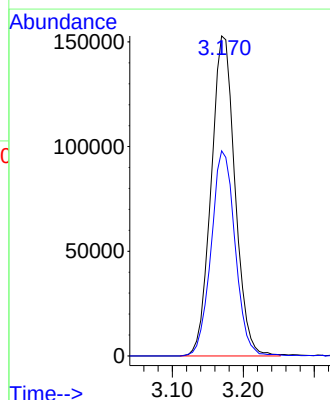
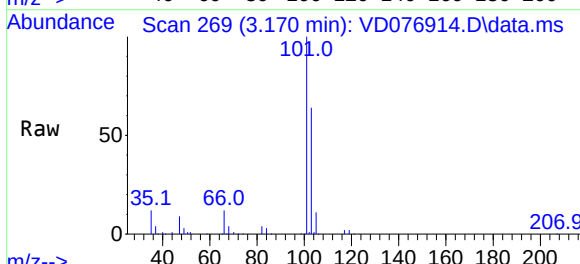
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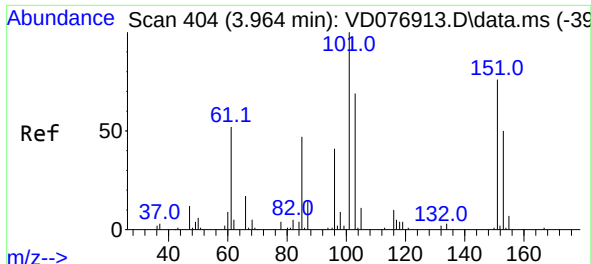
Tgt Ion:101 Resp: 356005

Ion Ratio Lower Upper

101 100

103 64.1 51.8 77.6

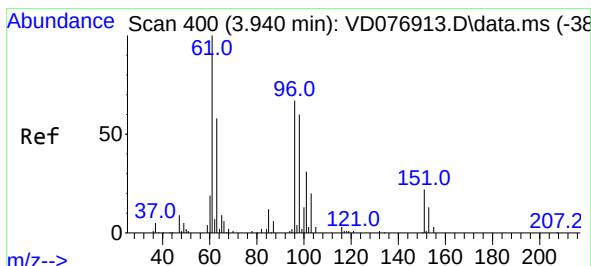
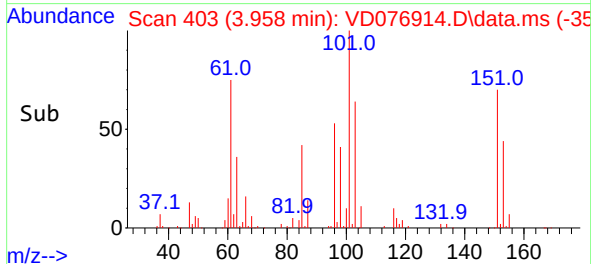
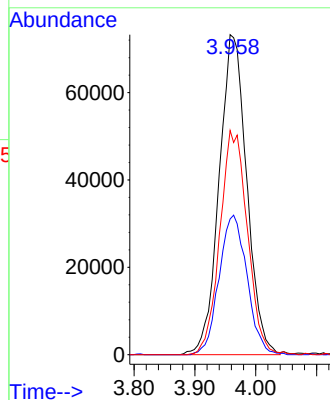
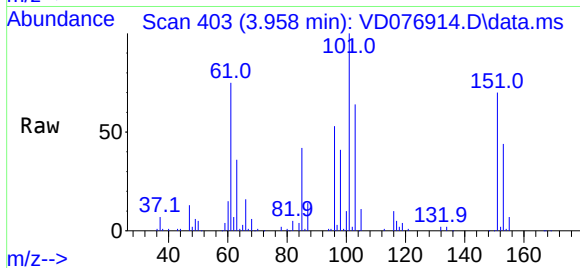




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 59.458 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

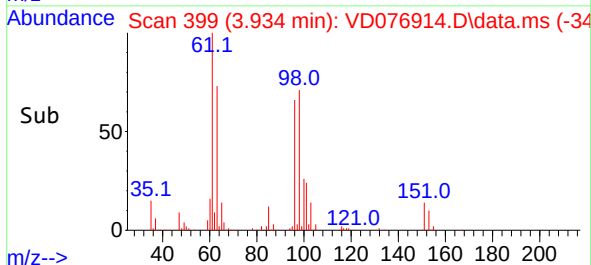
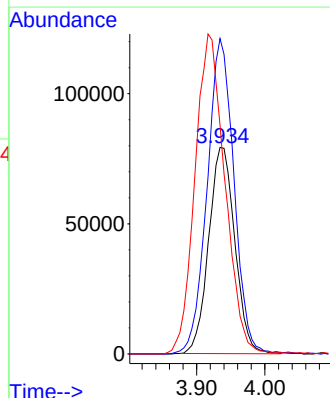
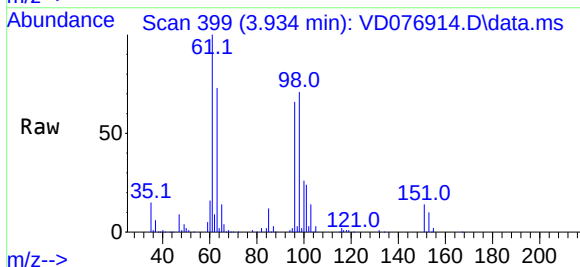
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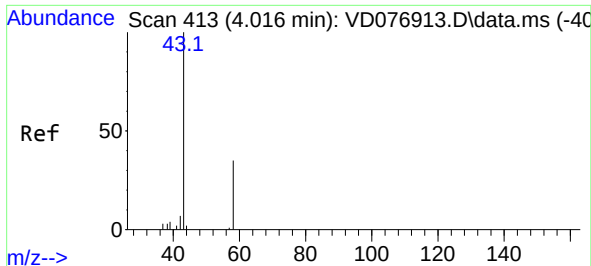
Tgt Ion:101 Resp: 230715
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 69.8 58.6 87.8



#12
1,1-Dichloroethene
Concen: 56.702 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 96 Resp: 211426
Ion Ratio Lower Upper
96 100
61 152.7 113.0 209.8
63 110.8 83.6 155.2

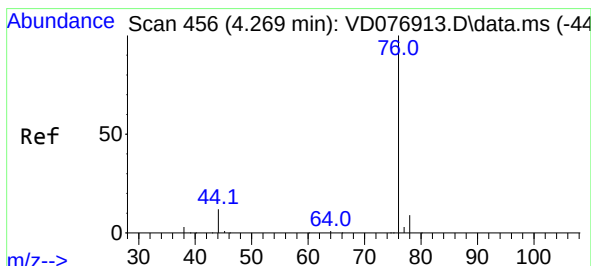
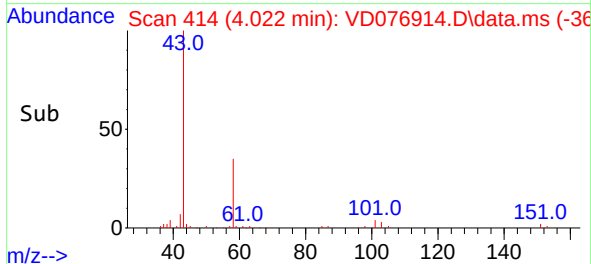
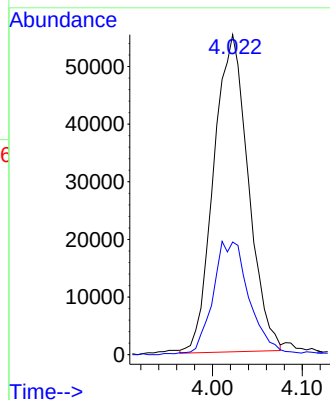
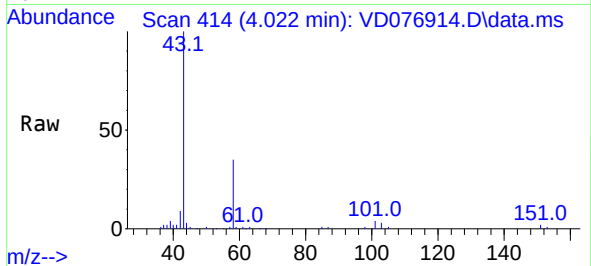




#13
Acetone
Concen: 155.263 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

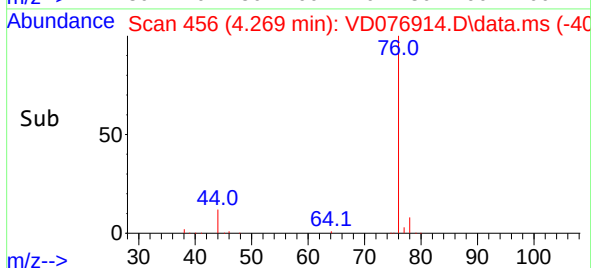
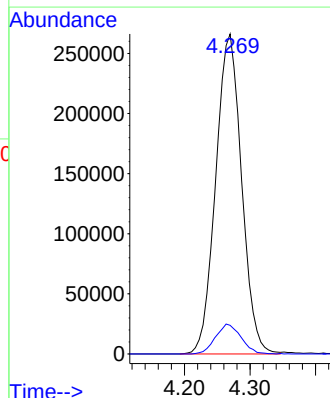
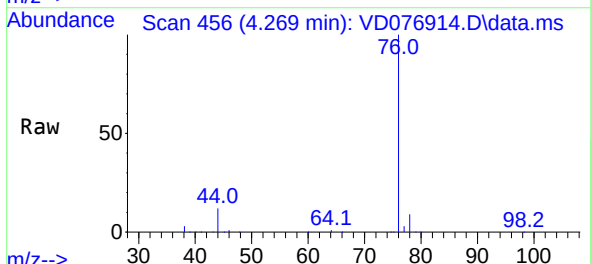
Instrument :
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ClientSampleId :
VSTD050161

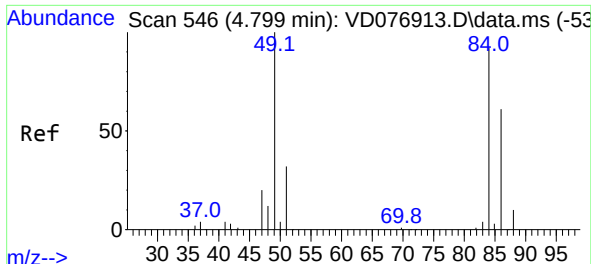
Tgt Ion: 43 Resp: 147228
Ion Ratio Lower Upper
43 100
58 16.9 0.0 67.4



#14
Carbon disulfide
Concen: 54.088 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076914.D
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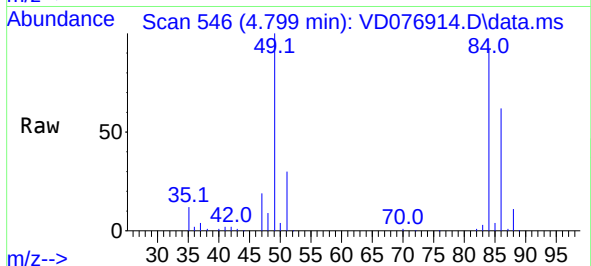
Tgt Ion: 76 Resp: 728572
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



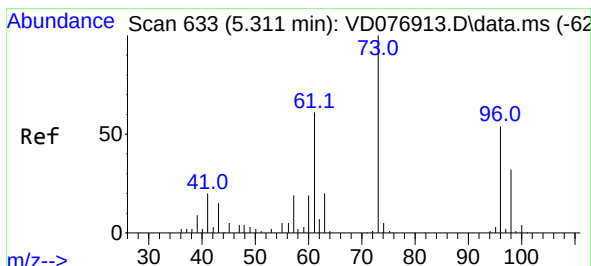
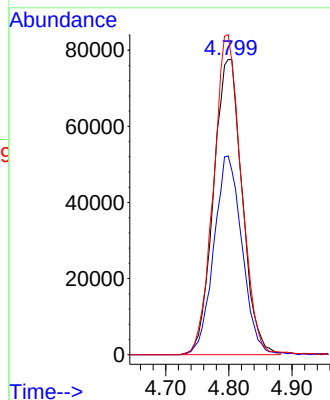
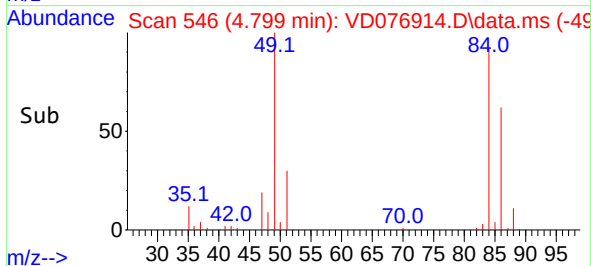


#16
Methylene chloride
Concen: 48.856 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

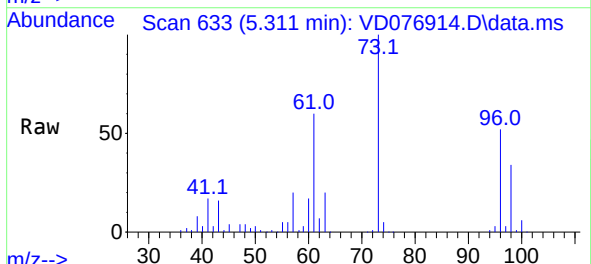
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161



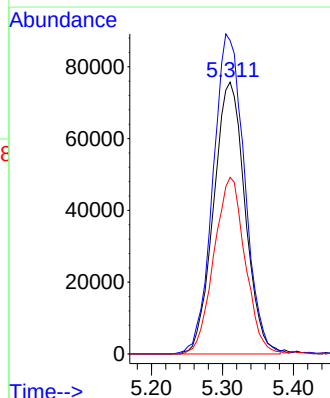
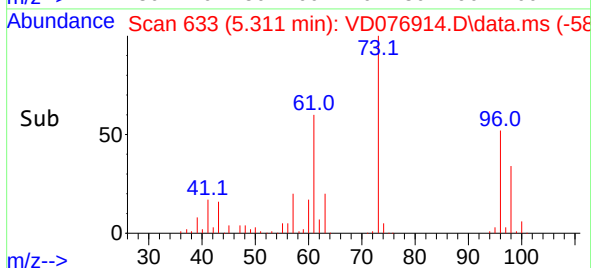
Tgt Ion: 84 Resp: 245289
Ion Ratio Lower Upper
84 100
86 67.3 45.1 83.9
49 108.4 97.2 180.6

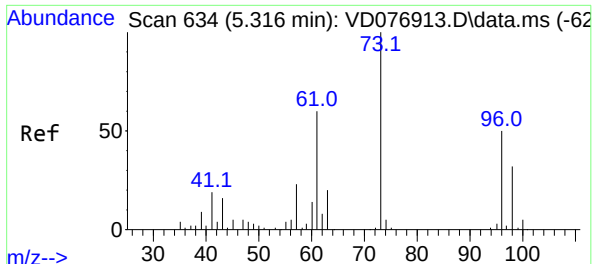


#17
trans-1,2-Dichloroethene
Concen: 55.423 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28



Tgt Ion: 96 Resp: 232604
Ion Ratio Lower Upper
96 100
61 115.3 94.5 175.5
98 65.0 46.0 85.4





#18

Methyl tert-butyl Ether

Concen: 56.913 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD076914.D

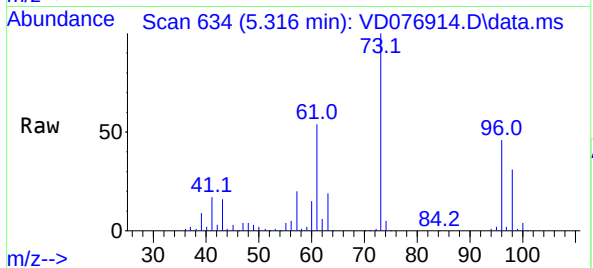
Acq: 03 Aug 2023 11:28

Instrument :

MSVOA_D

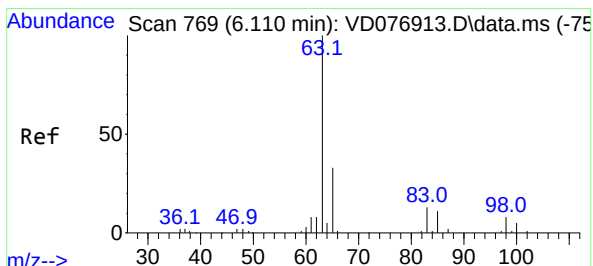
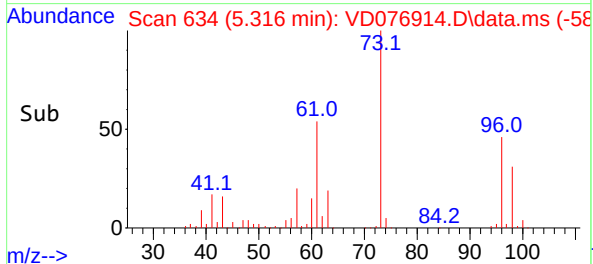
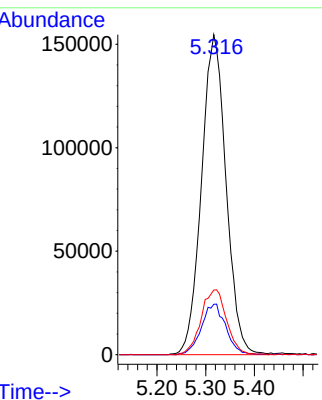
ClientSampleId :

VSTD050161



Tgt Ion: 73 Resp: 541561

Ion	Ratio	Lower	Upper
73	100		
43	15.7	7.2	10.8#
57	21.0	18.6	28.0



#19

1,1-Dichloroethane

Concen: 51.426 ug/L

RT: 6.111 min Scan# 769

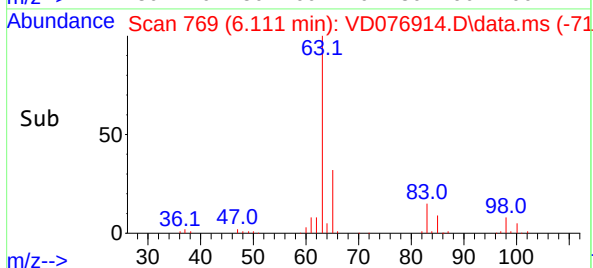
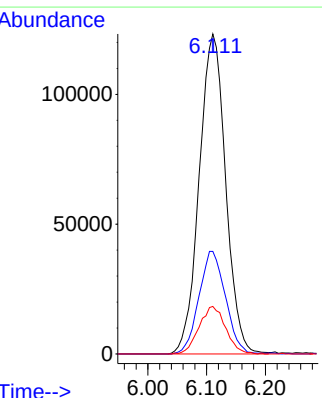
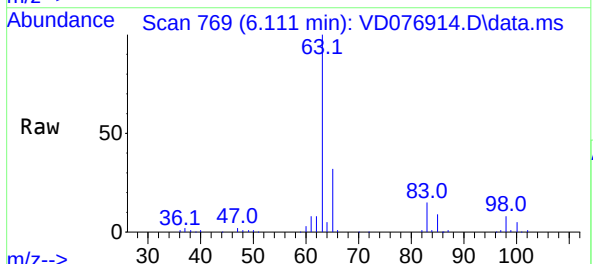
Delta R.T. 0.000 min

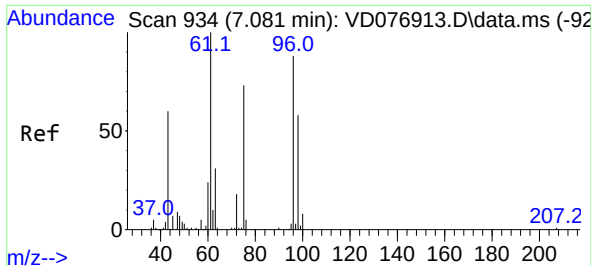
Lab File: VD076914.D

Acq: 03 Aug 2023 11:28

Tgt Ion: 63 Resp: 385651

Ion	Ratio	Lower	Upper
63	100		
65	32.0	20.8	38.6
83	14.9	8.9	16.5

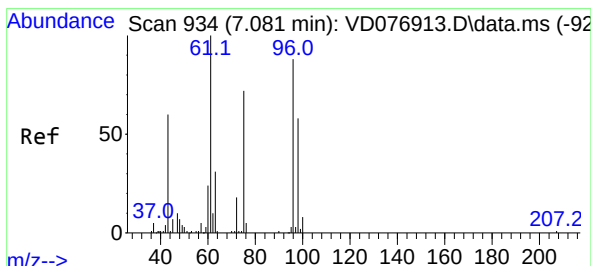
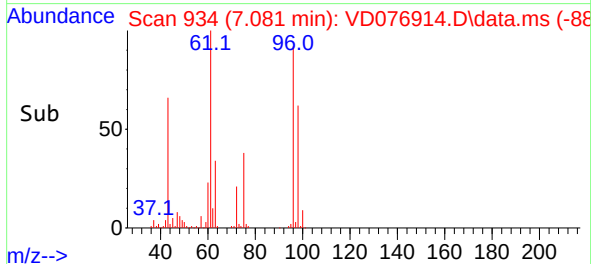
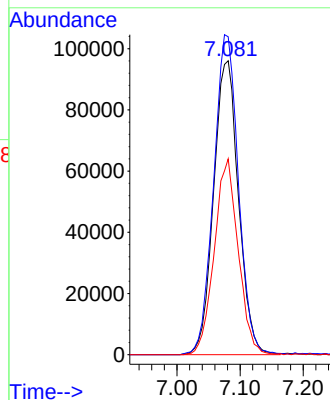
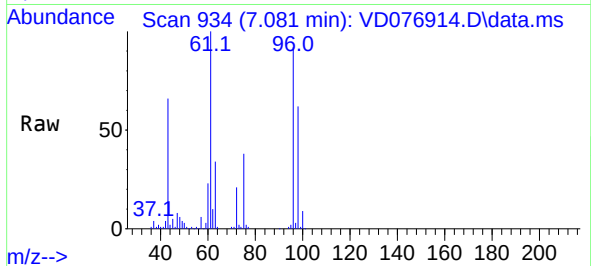




#20
cis-1,2-Dichloroethene
Concen: 56.401 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

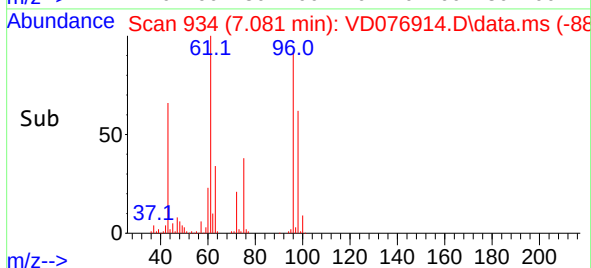
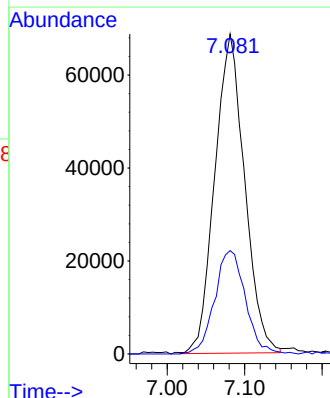
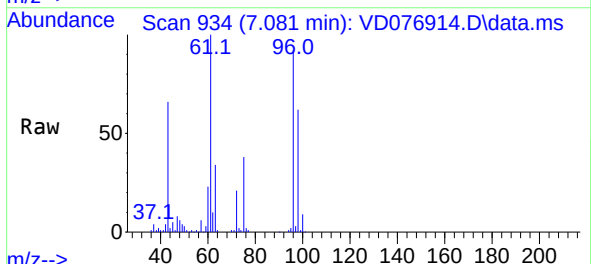
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

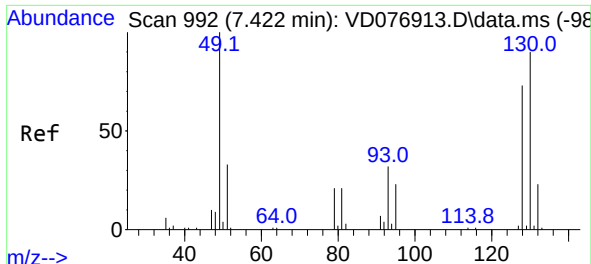
Tgt Ion: 96 Resp: 263456
Ion Ratio Lower Upper
96 100
61 108.2 86.0 159.6
98 66.6 42.2 78.4



#22
2-Butanone
Concen: 127.367 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

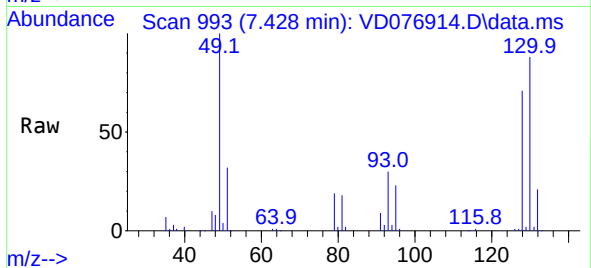
Tgt Ion: 43 Resp: 183454
Ion Ratio Lower Upper
43 100
72 33.3 12.9 38.7





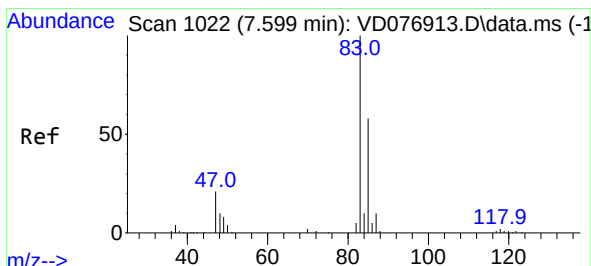
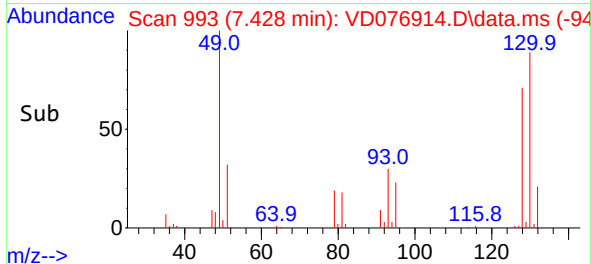
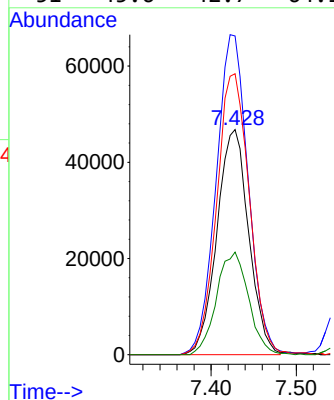
#23
Bromochloromethane
Concen: 59.761 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD050161



Tgt Ion:128 Resp: 121184

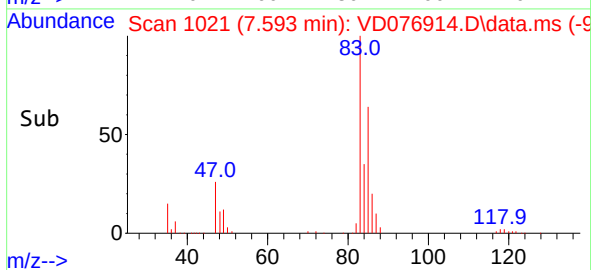
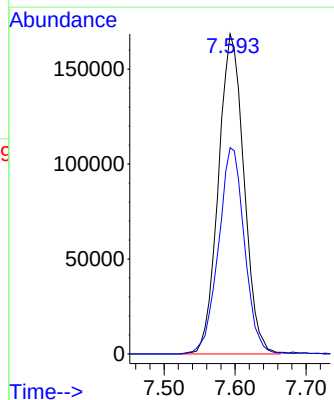
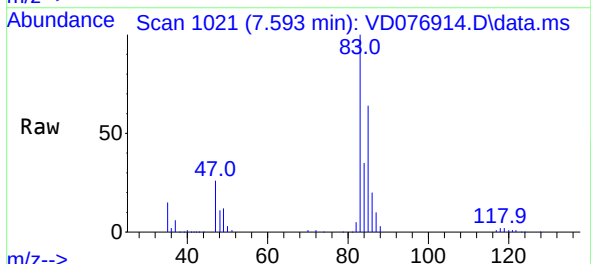
Ion	Ratio	Lower	Upper
128	100		
49	141.6	124.7	231.7
130	124.8	80.0	148.6
51	45.6	42.7	64.1

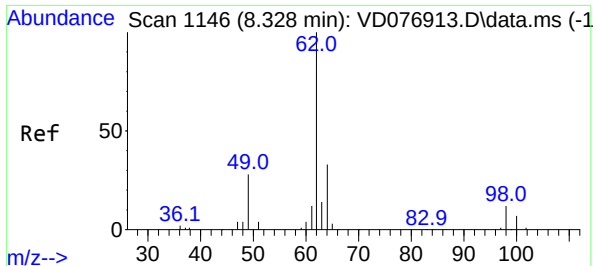


#25
Chloroform
Concen: 56.016 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 83 Resp: 420742

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.4	84.4

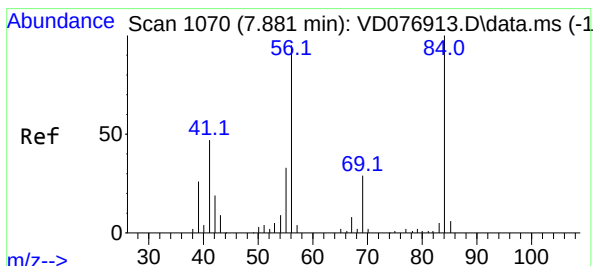
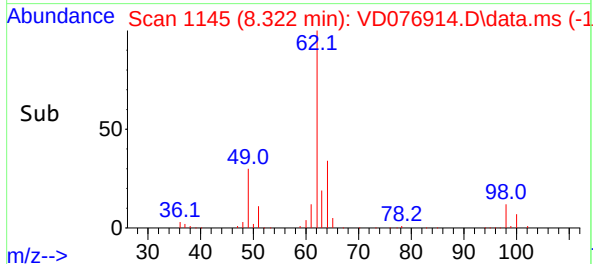
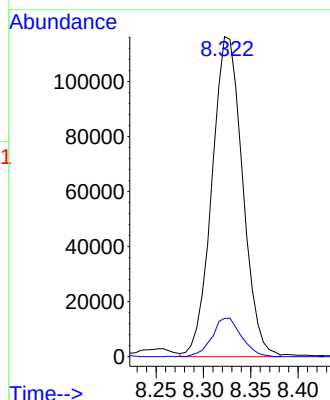
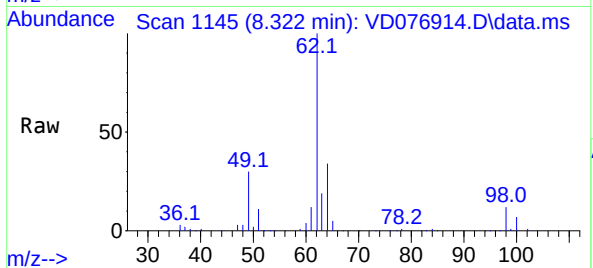




#27
1,2-Dichloroethane
Concen: 56.633 ug/L
RT: 8.322 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

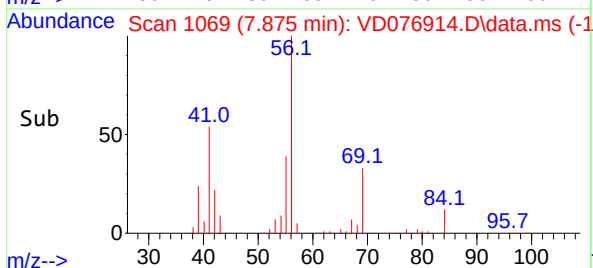
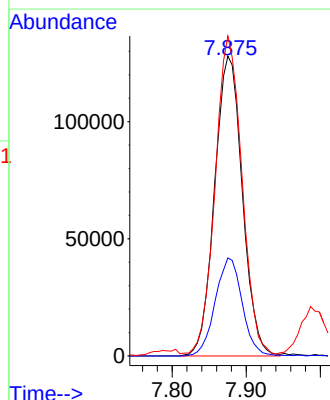
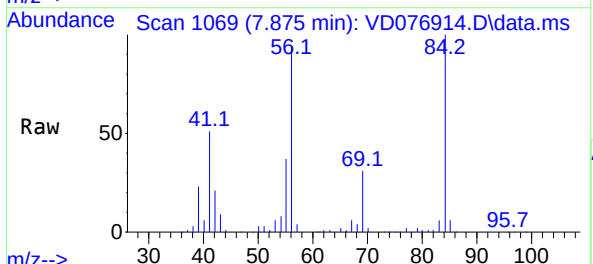
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

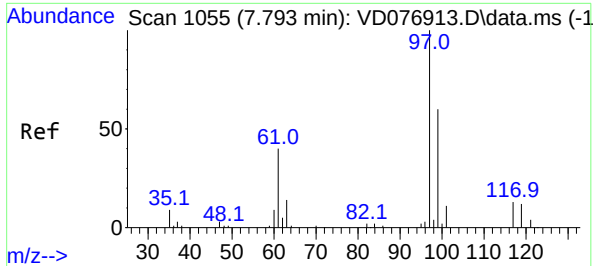
Tgt Ion: 62 Resp: 261956
Ion Ratio Lower Upper
62 100
98 11.9 8.7 13.1



#29
Cyclohexane
Concen: 45.505 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 56 Resp: 332778
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.0
84 103.2 66.3 99.5#



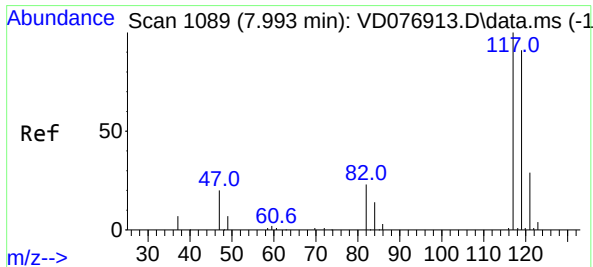
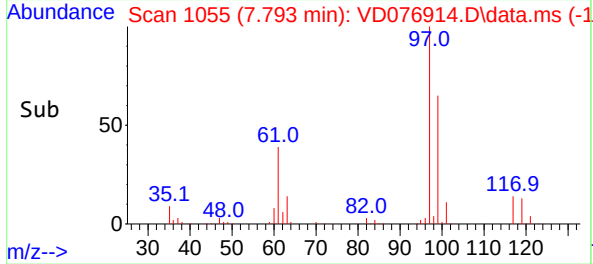
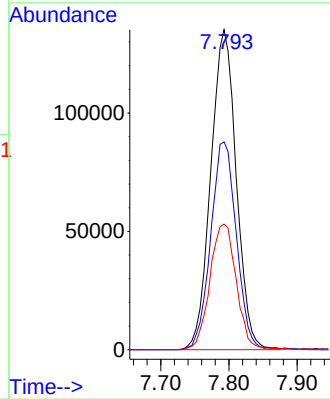
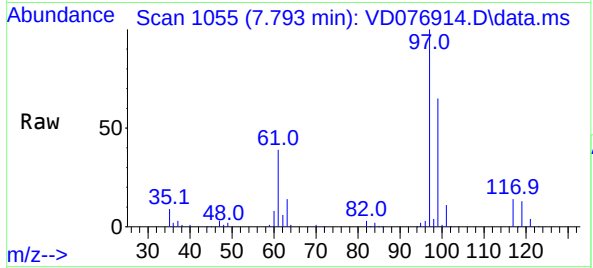


#30
1,1,1-Trichloroethane
Concen: 52.966 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

Tgt Ion: 97 Resp: 351778

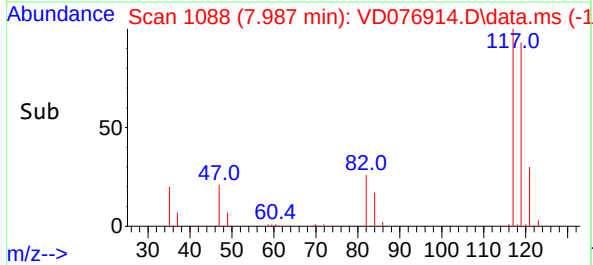
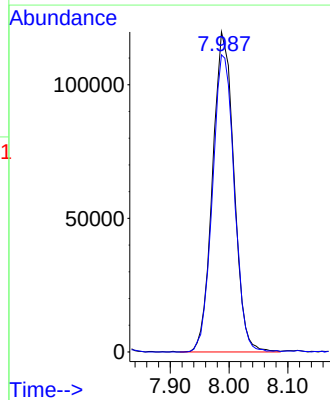
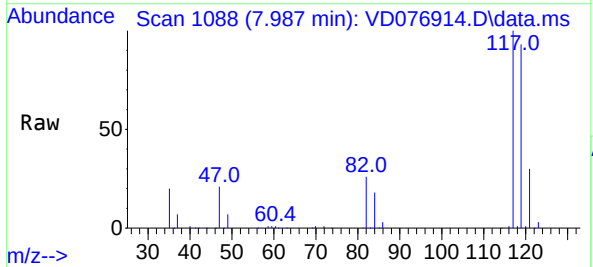
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.0	76.6
61	40.6	36.4	54.6

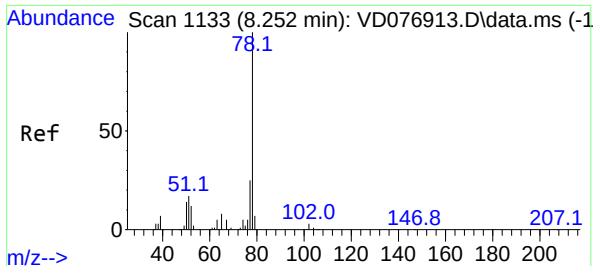


#31
Carbon tetrachloride
Concen: 56.420 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 117 Resp: 303054

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.8	116.6

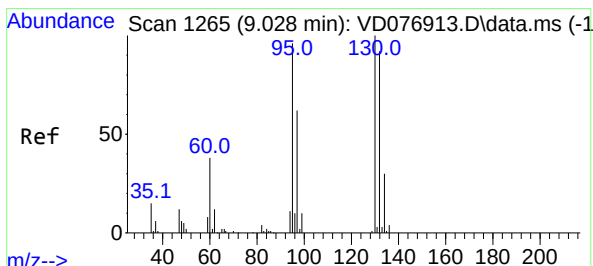
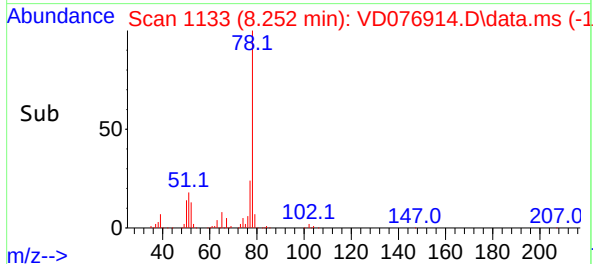
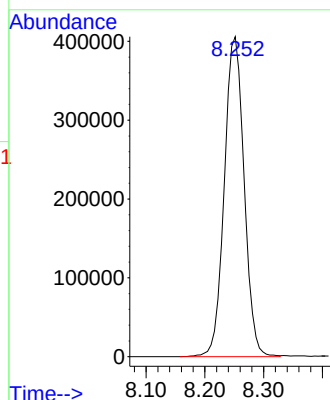
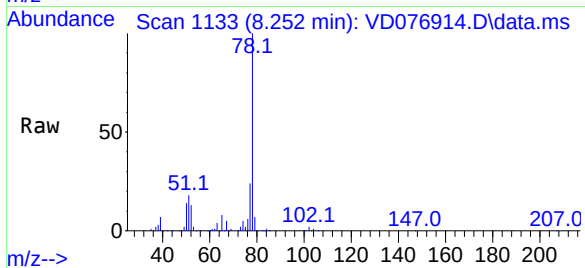




#33
Benzene
Concen: 50.854 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

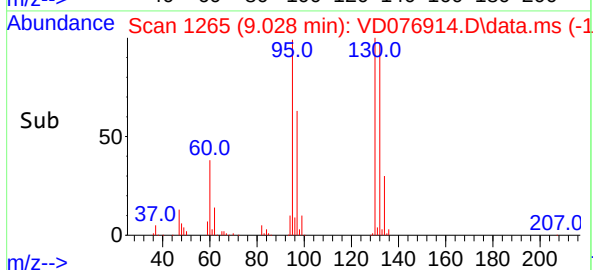
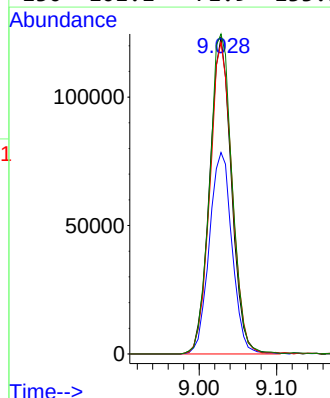
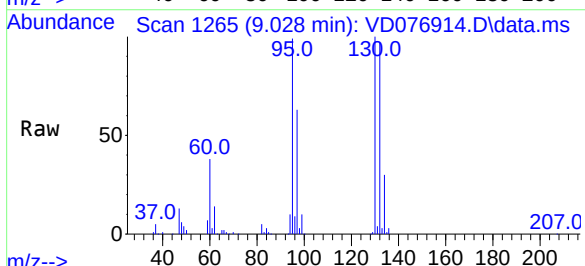
Tgt Ion: 78 Resp: 949954

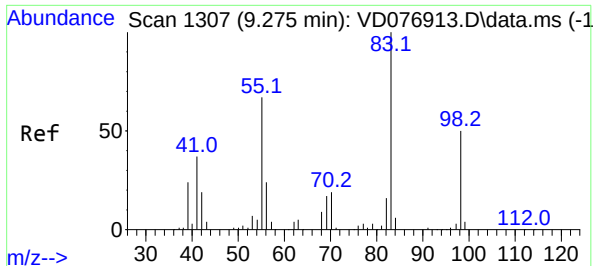


#34
Trichloroethene
Concen: 50.391 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 95 Resp: 241320

Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.1	80.1
132	98.3	71.8	133.4
130	101.1	71.9	133.5





#35

Methylcyclohexane

Concen: 54.863 ug/L

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076914.D

Acq: 03 Aug 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTD050161

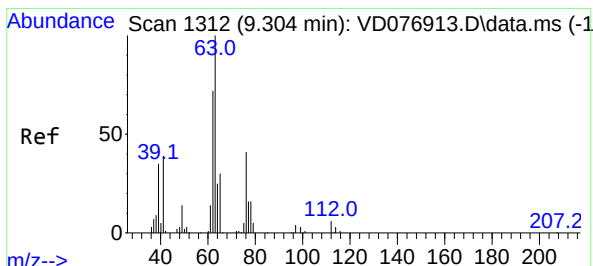
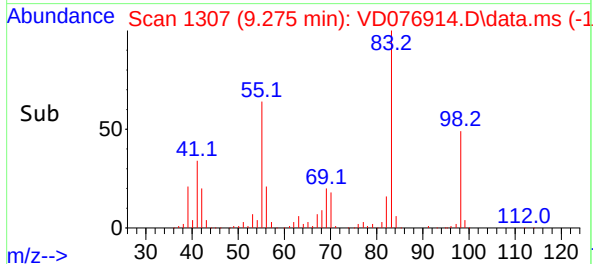
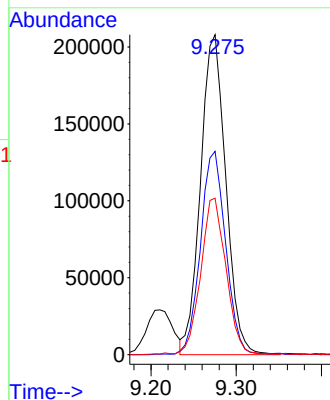
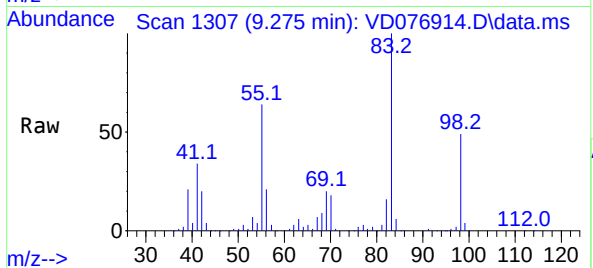
Tgt Ion: 83 Resp: 428841

Ion Ratio Lower Upper

83 100

55 63.1 59.8 89.6

98 48.7 37.8 56.6



#37

1,2-Dichloropropane

Concen: 47.428 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076914.D

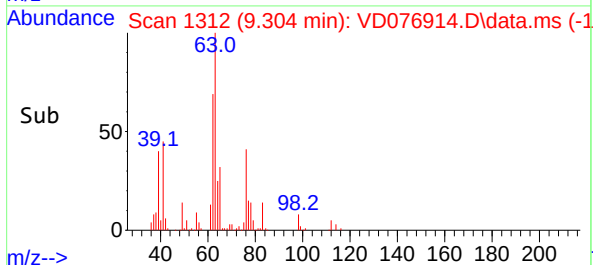
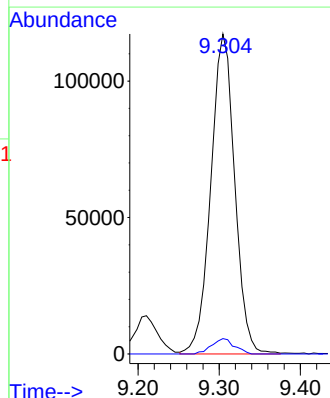
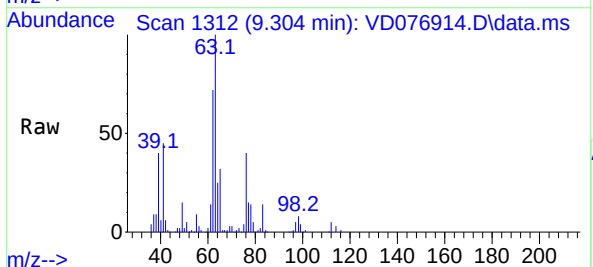
Acq: 03 Aug 2023 11:28

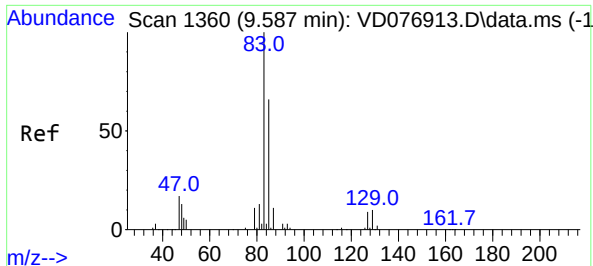
Tgt Ion: 63 Resp: 240190

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7

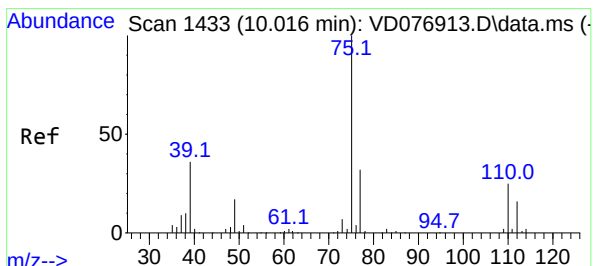
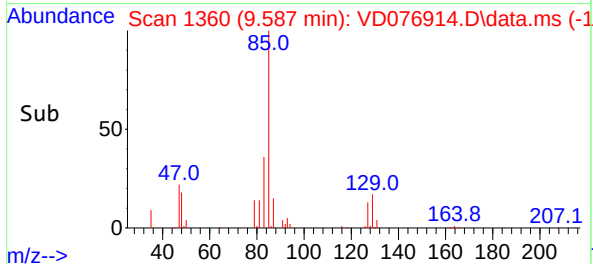
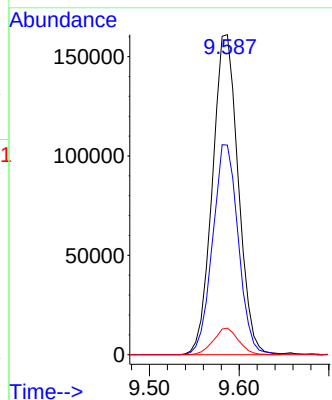
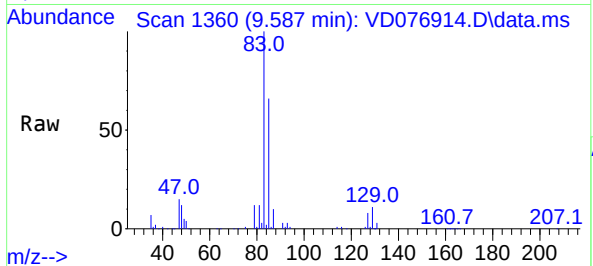




#38
Bromodichloromethane
Concen: 54.506 ug/L
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

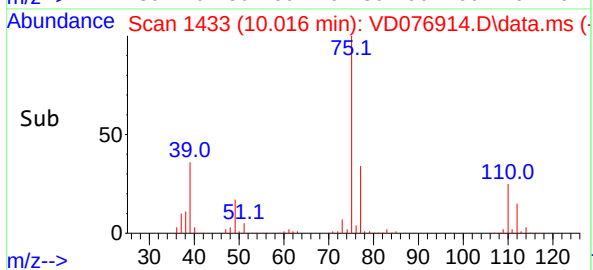
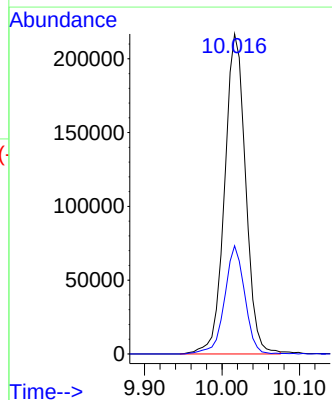
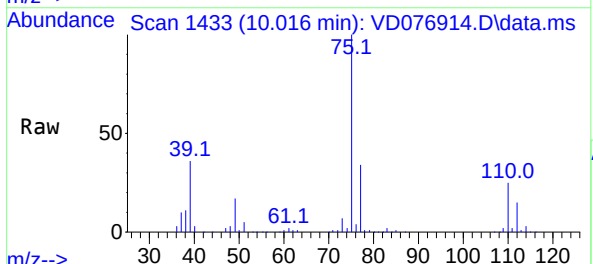
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

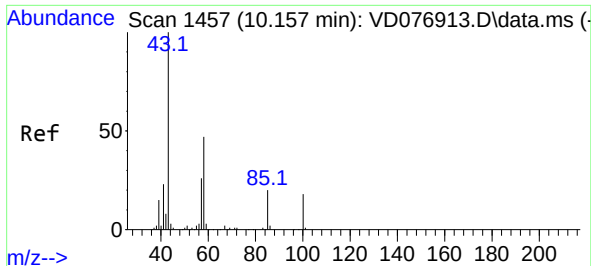
Tgt Ion: 83 Resp: 322187
Ion Ratio Lower Upper
83 100
85 65.5 43.9 81.5
127 8.3 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 52.521 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 75 Resp: 408788
Ion Ratio Lower Upper
75 100
77 33.8 22.7 42.3

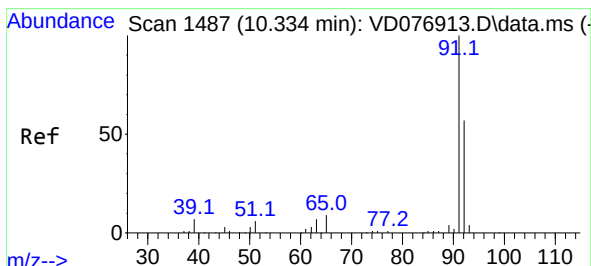
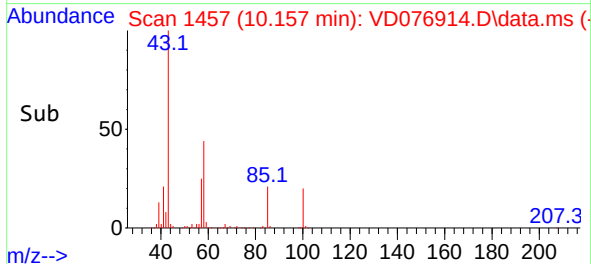
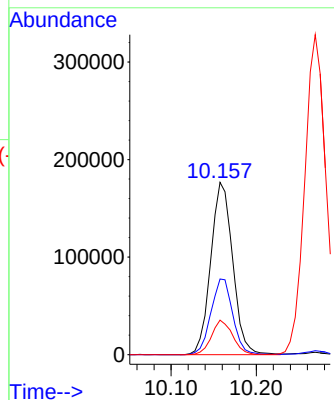
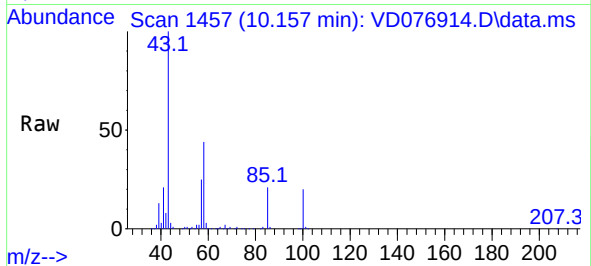




#40
4-Methyl-2-pentanone
Concen: 101.046 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

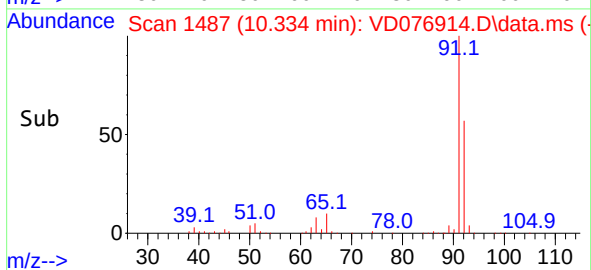
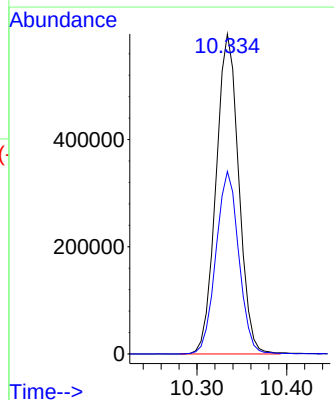
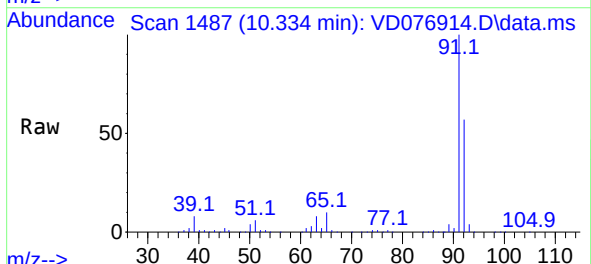
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

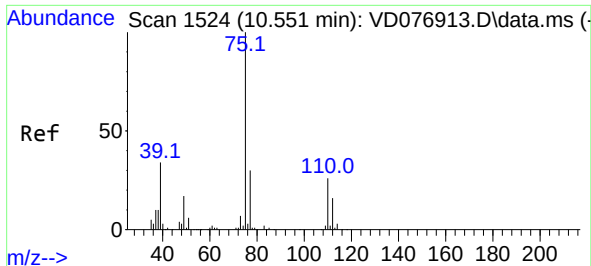
Tgt Ion: 43 Resp: 316674
Ion Ratio Lower Upper
43 100
58 43.6 30.7 46.1
100 19.3 11.0 16.4#



#42
Toluene
Concen: 52.212 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 91 Resp: 1049251
Ion Ratio Lower Upper
91 100
92 57.1 39.3 73.1

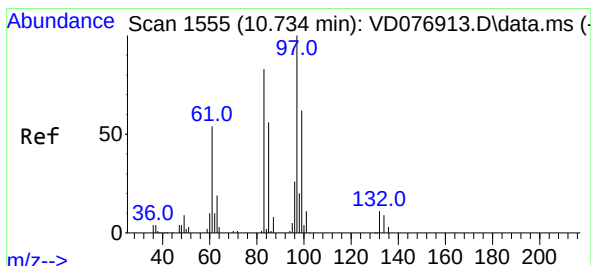
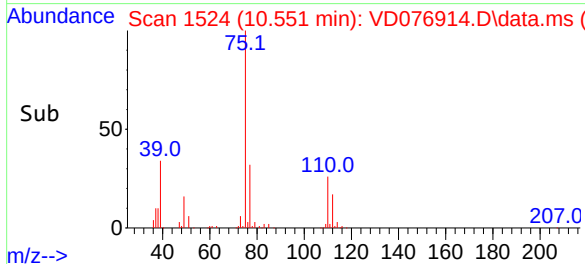
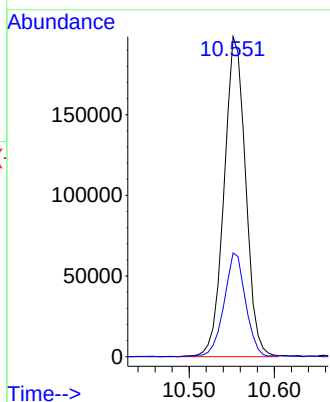
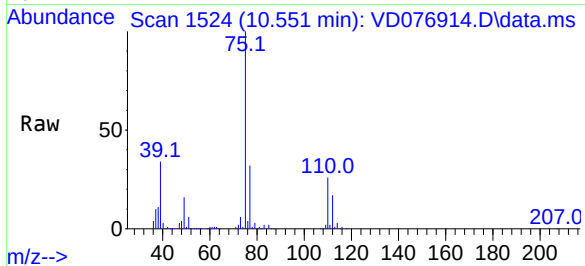




#44
trans-1,3-Dichloropropene
Concen: 54.452 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

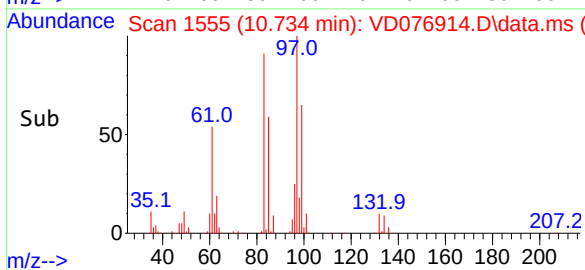
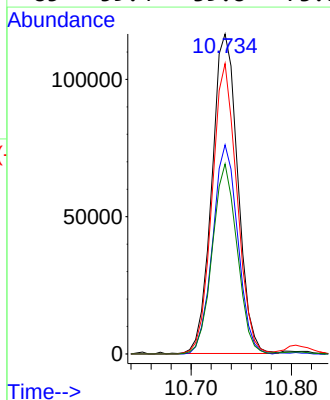
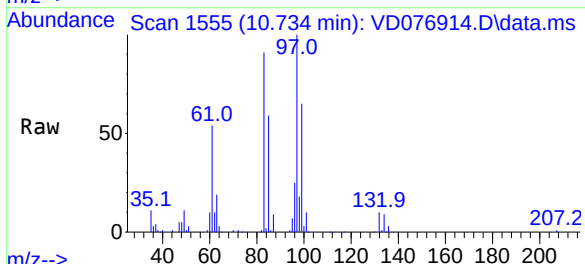
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

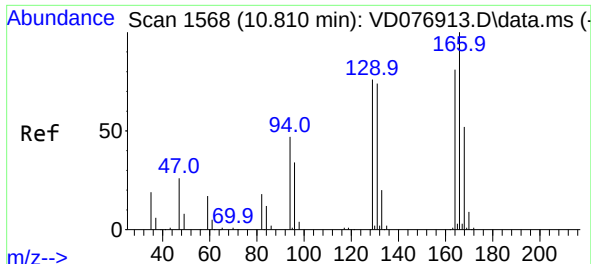
Tgt Ion: 75 Resp: 347938
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 57.150 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 97 Resp: 208232
Ion Ratio Lower Upper
97 100
99 65.4 41.9 77.9
83 90.7 59.2 110.0
85 59.4 39.8 73.8

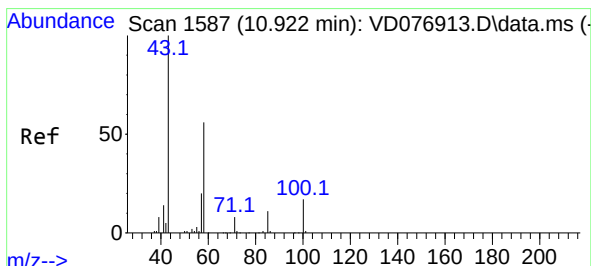
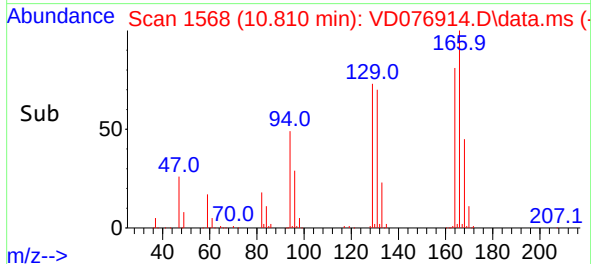
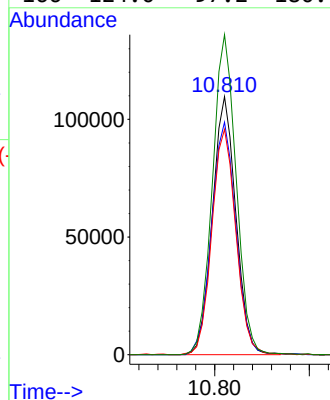
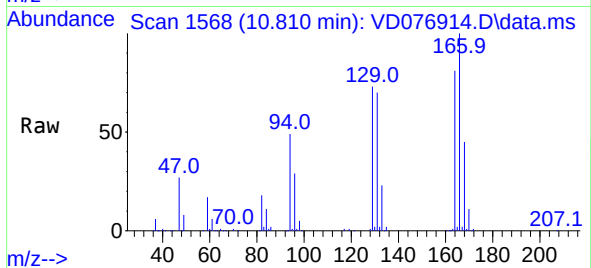




#46
Tetrachloroethene
Concen: 49.870 ug/L
RT: 10.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

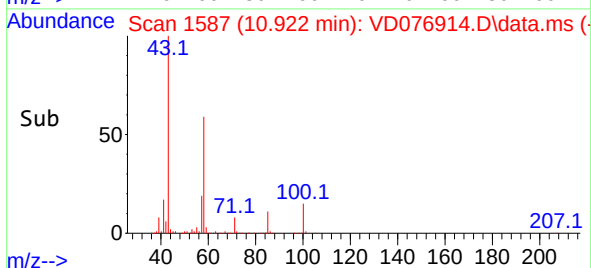
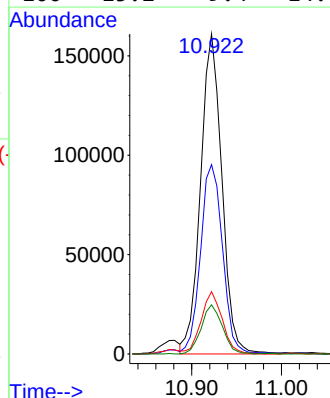
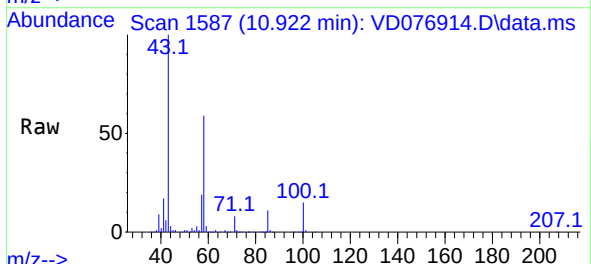
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

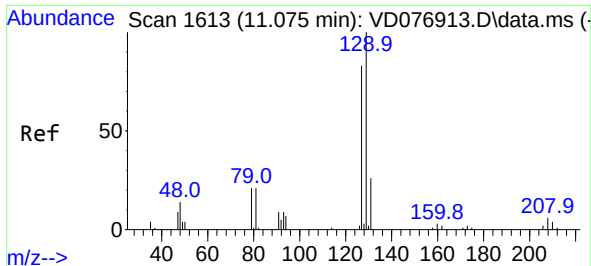
Tgt Ion:164 Resp: 189025
Ion Ratio Lower Upper
164 100
129 90.1 65.5 121.6
131 87.3 64.8 120.3
166 124.0 97.2 180.4



#48
2-Hexanone
Concen: 120.393 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 43 Resp: 265931
Ion Ratio Lower Upper
43 100
58 60.9 42.9 64.3
57 19.4 13.7 20.5
100 15.2 9.4 14.0#

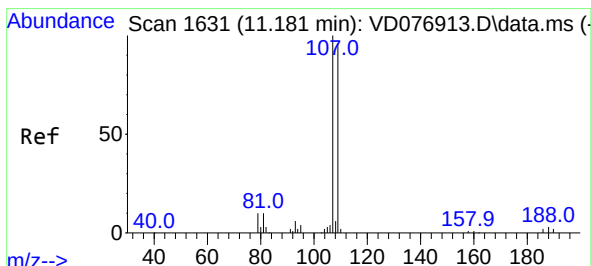
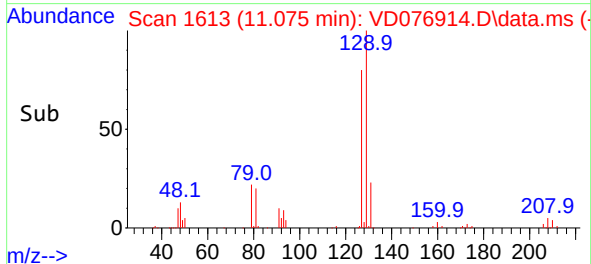
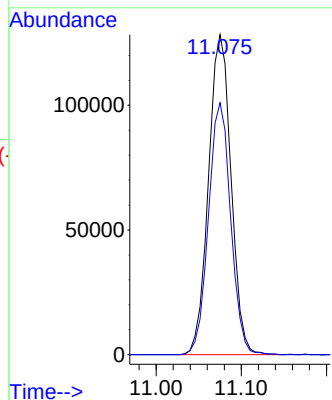
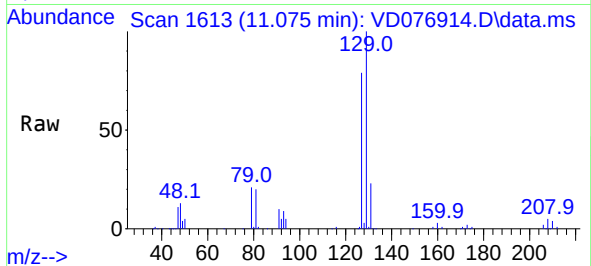




#49
Dibromochloromethane
Concen: 57.706 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

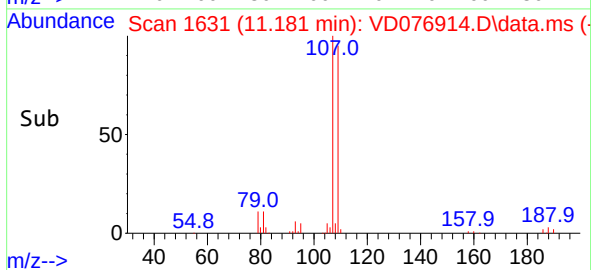
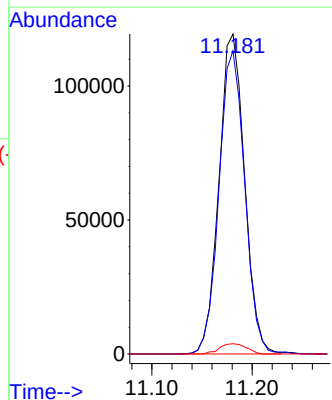
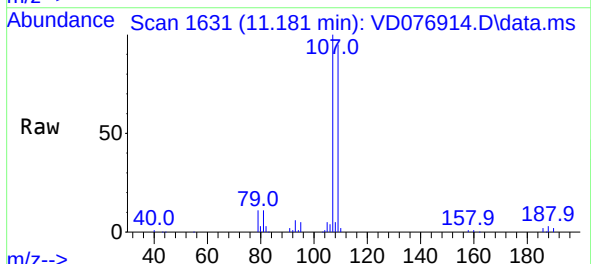
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

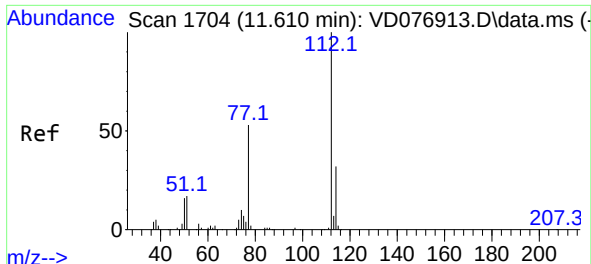
Tgt Ion:129 Resp: 235797
Ion Ratio Lower Upper
129 100
127 78.7 55.2 102.6



#50
1,2-Dibromoethane
Concen: 59.931 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion:107 Resp: 211778
Ion Ratio Lower Upper
107 100
109 94.7 58.8 109.2
188 3.2 2.9 4.3

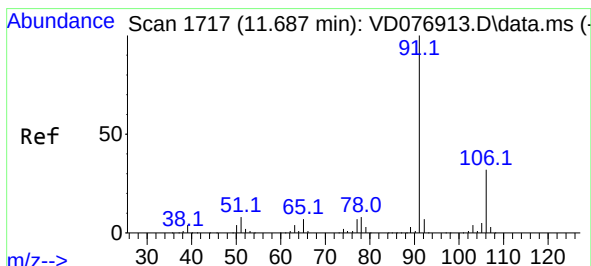
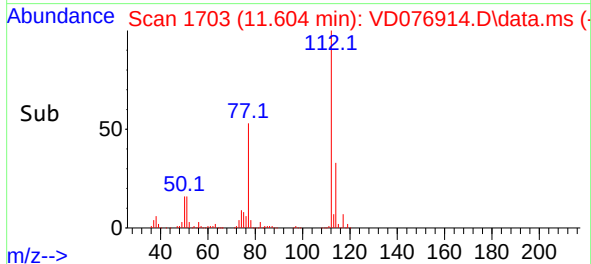
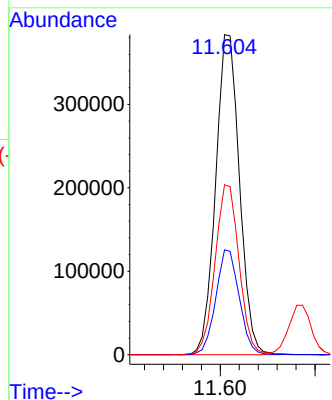
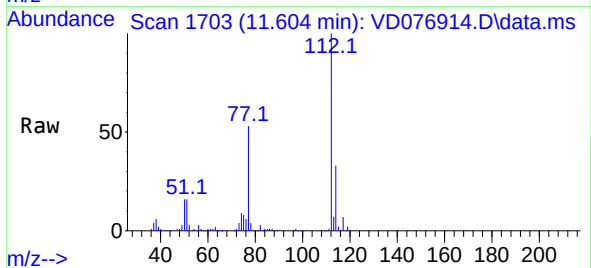




#51
Chlorobenzene
Concen: 53.407 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

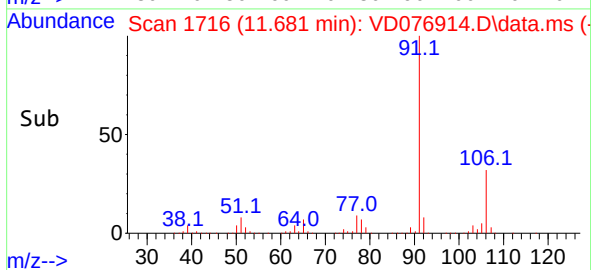
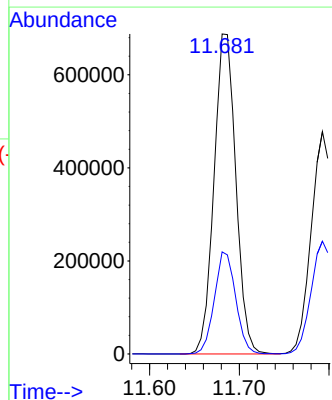
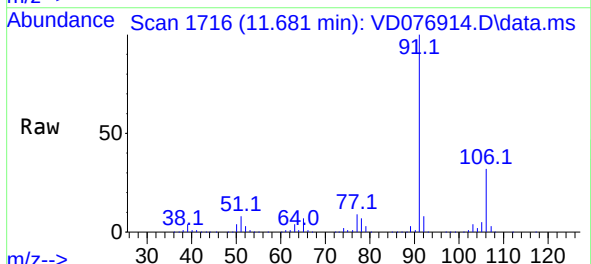
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

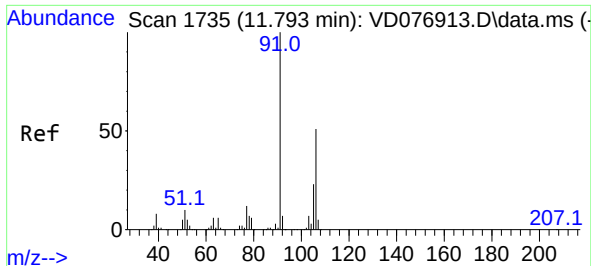
Tgt Ion:112 Resp: 670503
Ion Ratio Lower Upper
112 100
114 32.8 21.5 39.9
77 53.1 43.4 65.2



#52
Ethylbenzene
Concen: 53.737 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 91 Resp: 1163556
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6

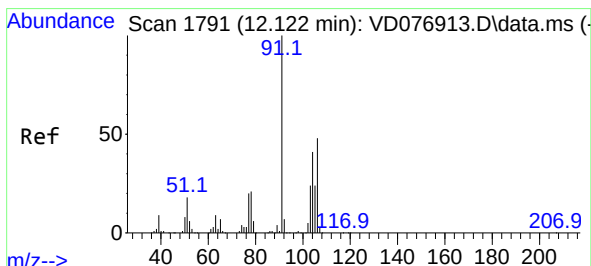
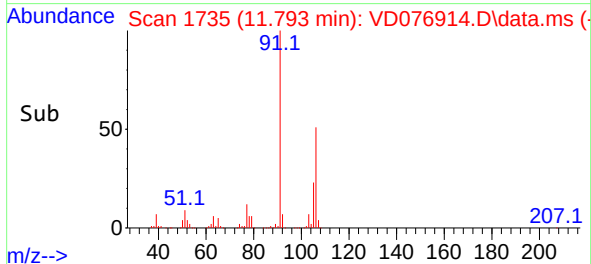
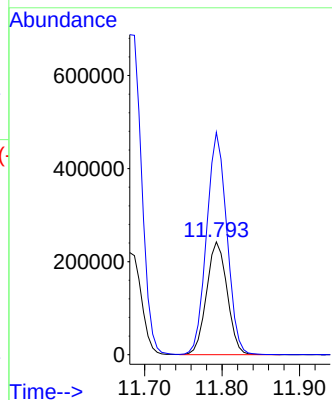
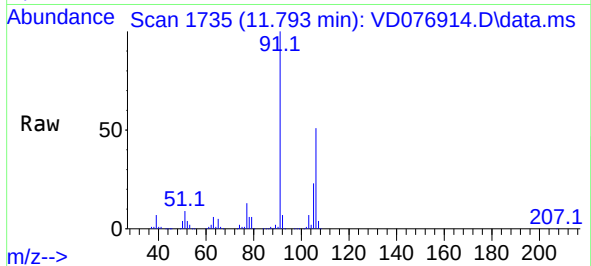




#53
m,p-Xylene
Concen: 52.762 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

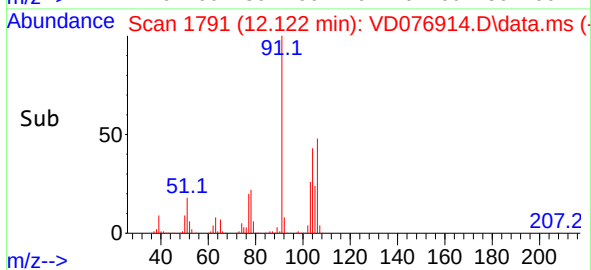
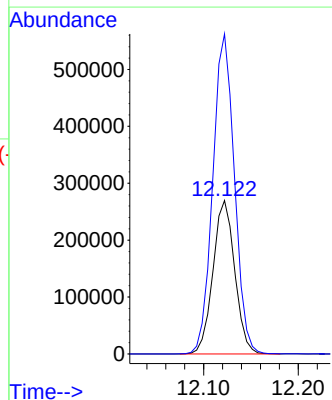
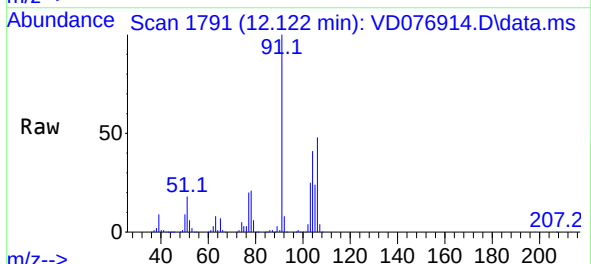
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

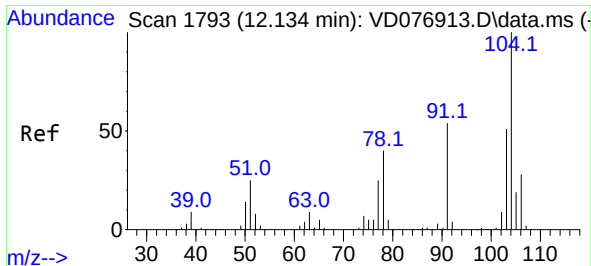
Tgt Ion:106 Resp: 448021
Ion Ratio Lower Upper
106 100
91 197.1 141.5 262.9



#54
o-Xylene
Concen: 53.299 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion:106 Resp: 430772
Ion Ratio Lower Upper
106 100
91 208.6 142.2 264.2

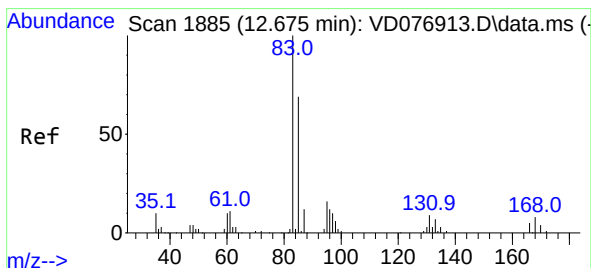
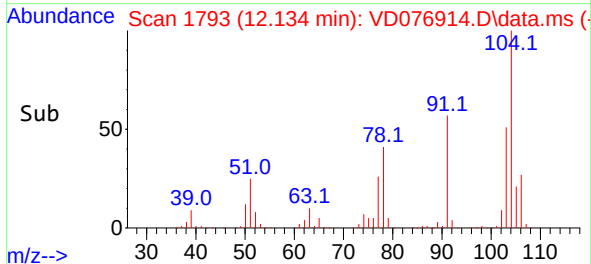
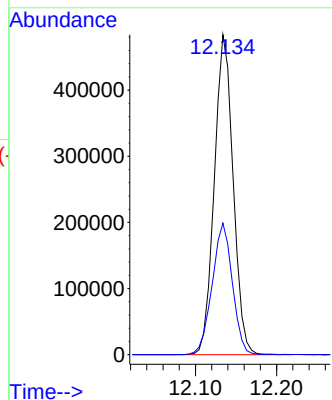
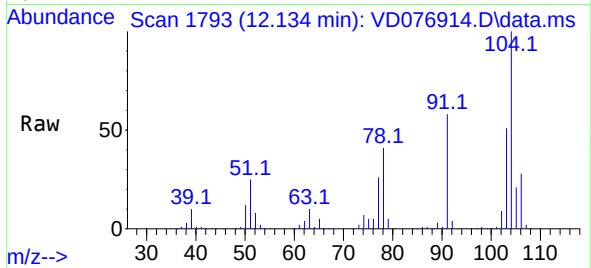




#55
Styrene
Concen: 55.187 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

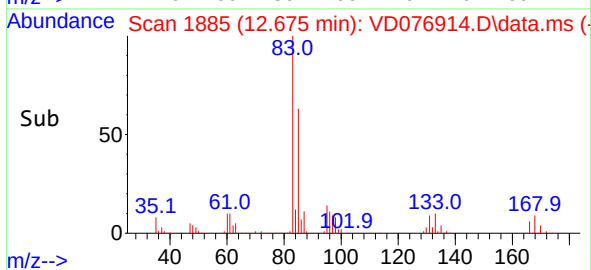
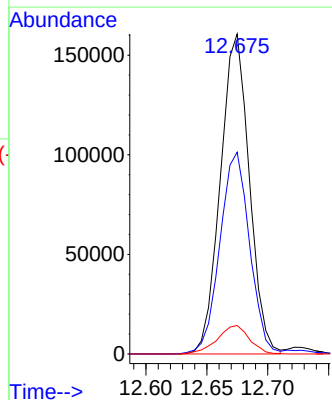
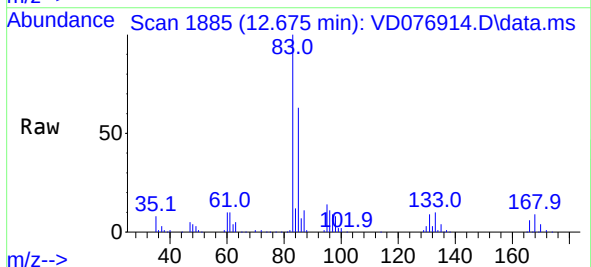
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

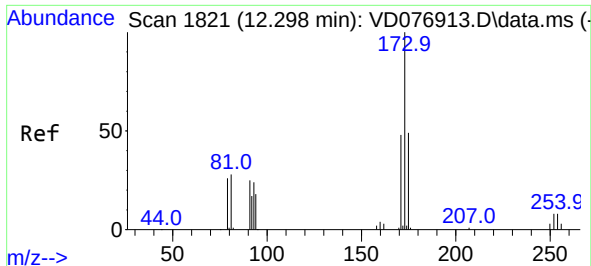
Tgt Ion:104 Resp: 780091
Ion Ratio Lower Upper
104 100
78 41.1 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 62.562 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 83 Resp: 265528
Ion Ratio Lower Upper
83 100
85 63.1 46.3 86.1
131 8.9 7.0 10.4

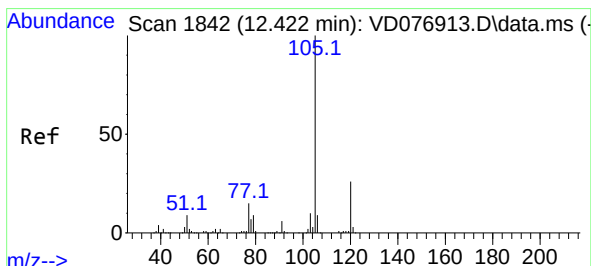
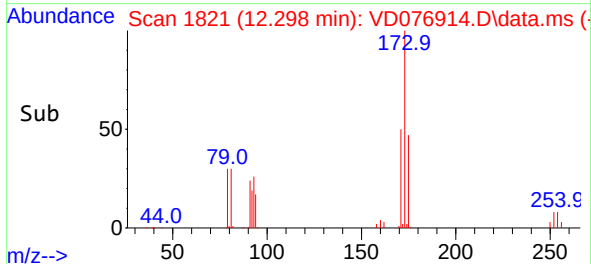
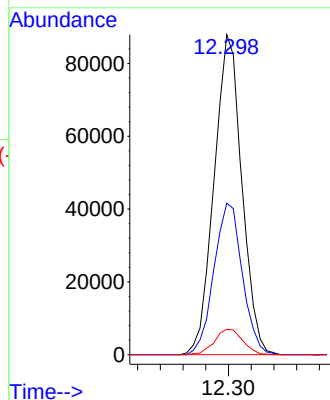
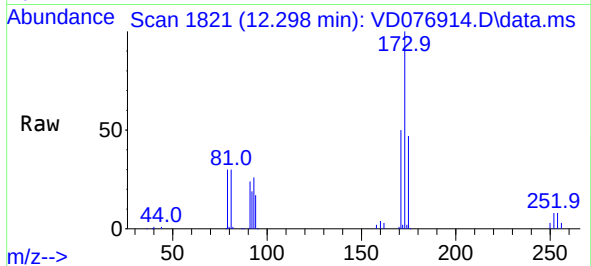




#59
Bromoform
Concen: 53.834 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

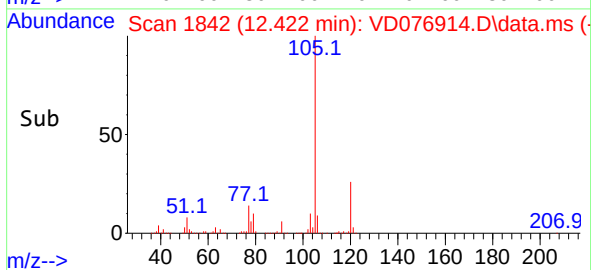
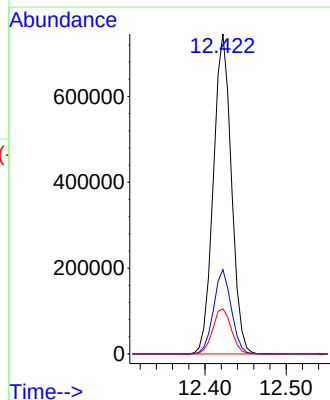
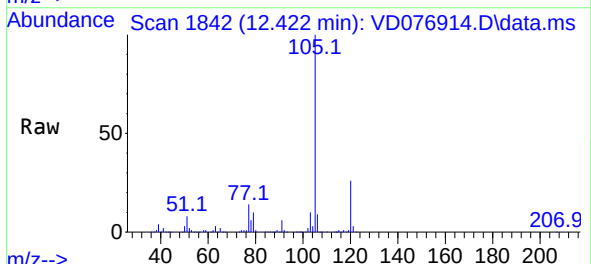
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

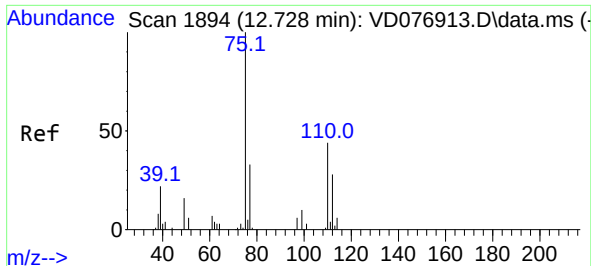
Tgt Ion:173 Resp: 148929
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 8.1 5.3 7.9#



#60
Isopropylbenzene
Concen: 49.877 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion:105 Resp: 1149419
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 14.5 12.2 18.4

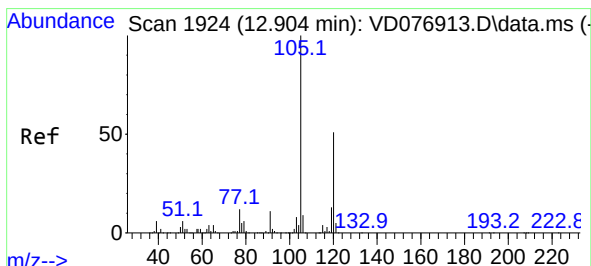
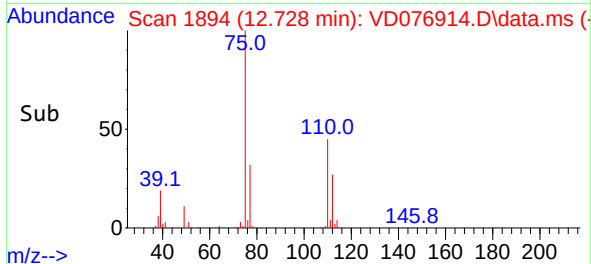
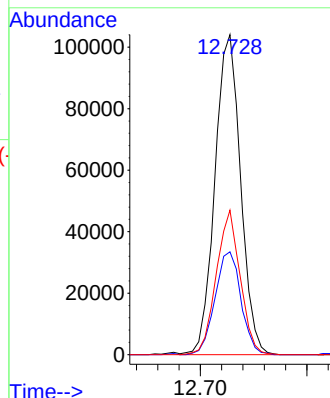
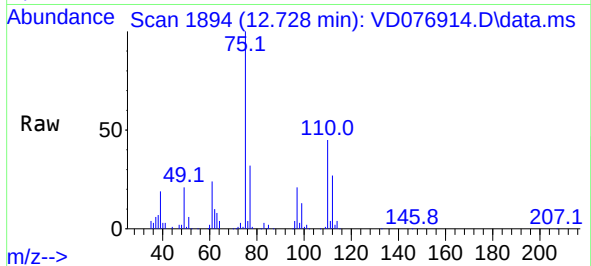




#61
1,2,3-Trichloropropane
Concen: 56.918 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

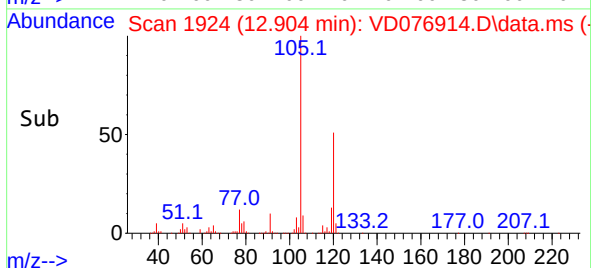
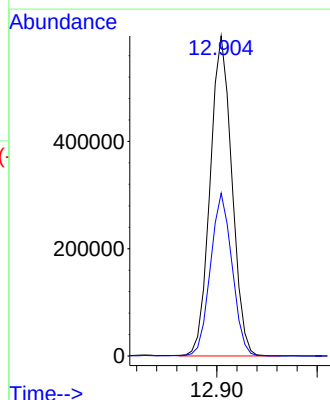
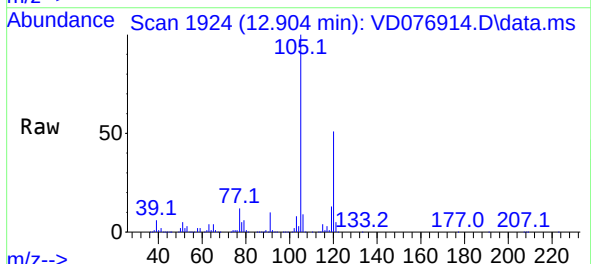
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

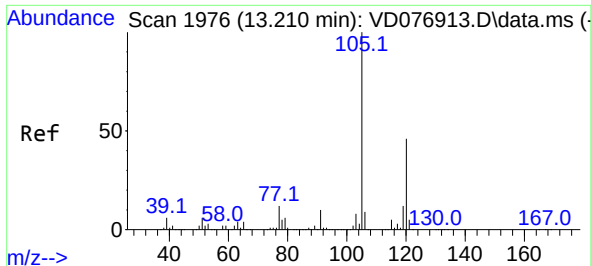
Tgt Ion: 75 Resp: 173983
Ion Ratio Lower Upper
75 100
77 32.5 27.2 40.8
110 42.0 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 49.240 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion: 105 Resp: 898655
Ion Ratio Lower Upper
105 100
120 50.4 39.8 59.6

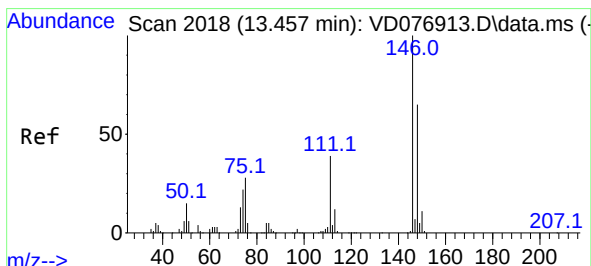
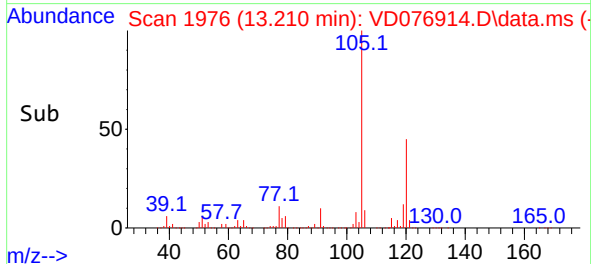
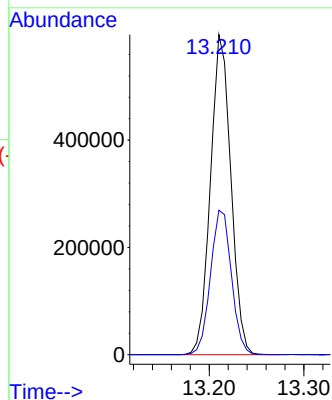
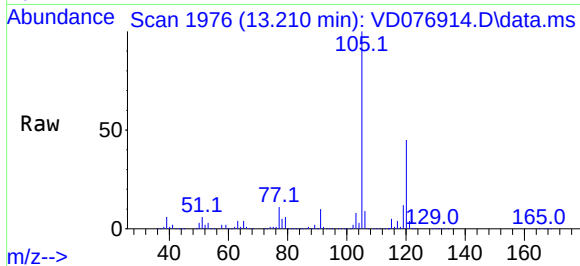




#63
1,2,4-Trimethylbenzene
Concen: 49.261 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

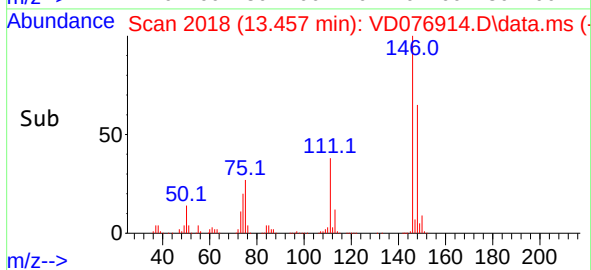
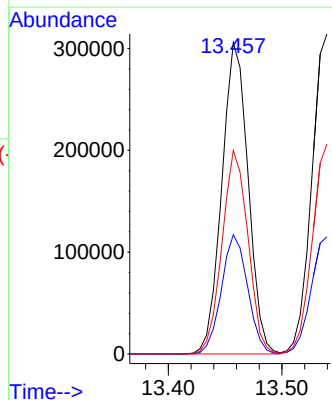
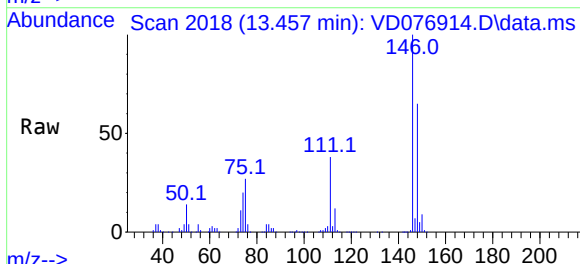
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

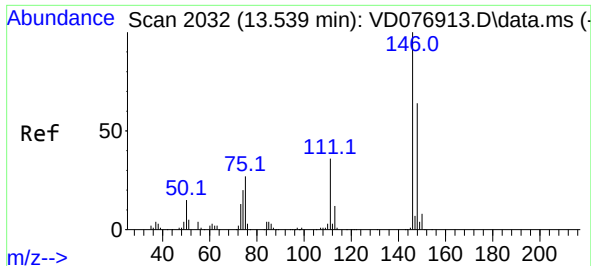
Tgt Ion:105 Resp: 893392
Ion Ratio Lower Upper
105 100
120 46.3 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 48.246 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion:146 Resp: 492928
Ion Ratio Lower Upper
146 100
111 38.3 25.6 47.4
148 65.4 44.3 82.3

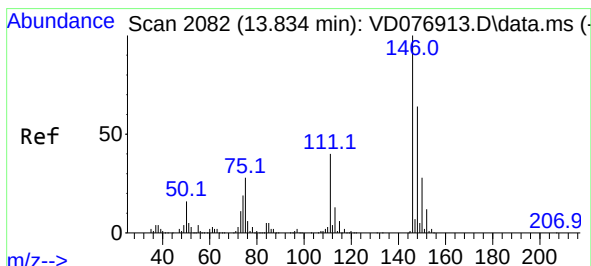
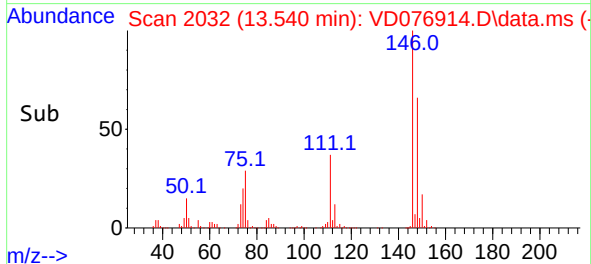
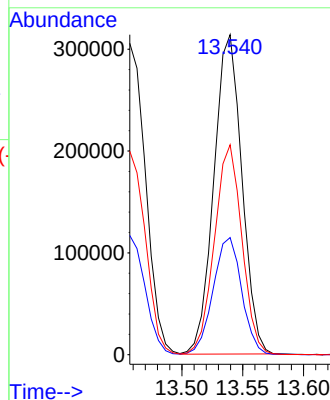
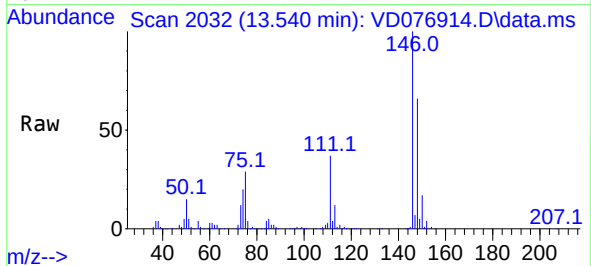




#65
1,4-Dichlorobenzene
Concen: 48.396 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

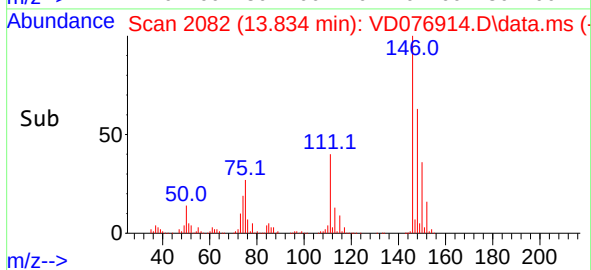
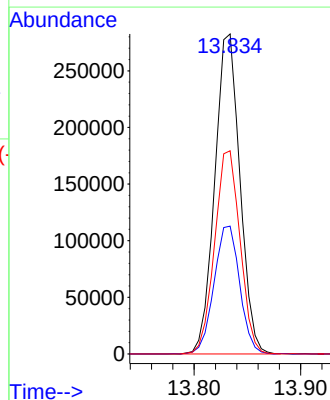
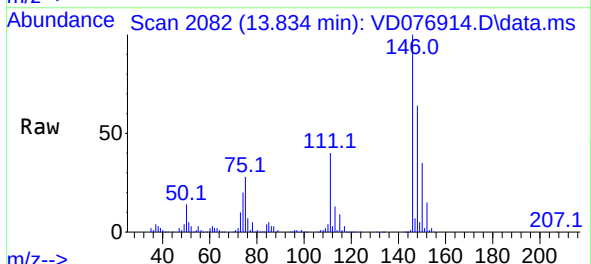
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

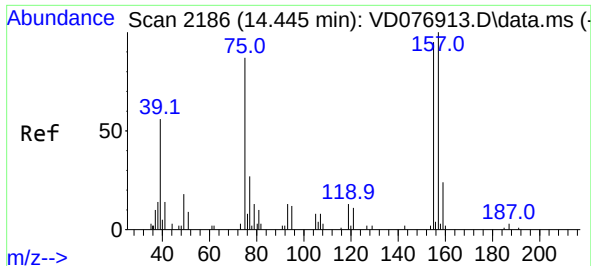
Tgt Ion:146 Resp: 503031
Ion Ratio Lower Upper
146 100
111 36.6 25.7 47.7
148 65.6 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 50.319 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

Tgt Ion:146 Resp: 463558
Ion Ratio Lower Upper
146 100
111 40.0 31.3 46.9
148 63.5 51.7 77.5

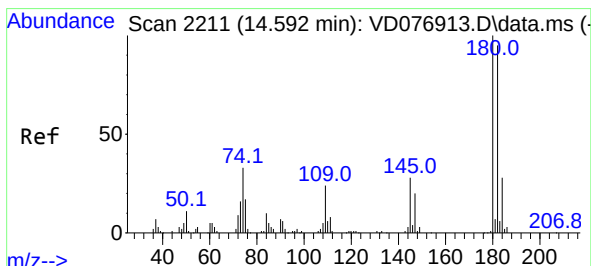
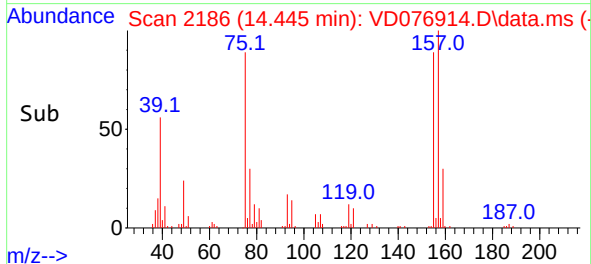
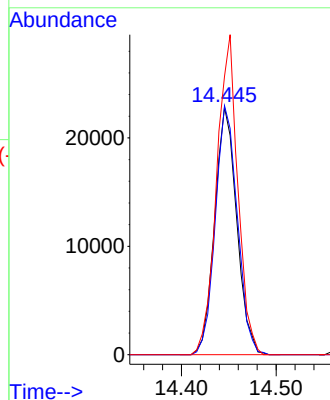
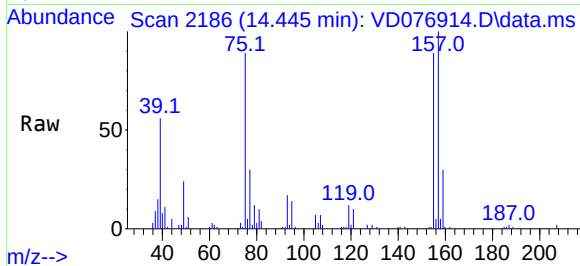




#68
 1,2-Dibromo-3-chloropropane
 Concen: 54.855 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076914.D
 Acq: 03 Aug 2023 11:28

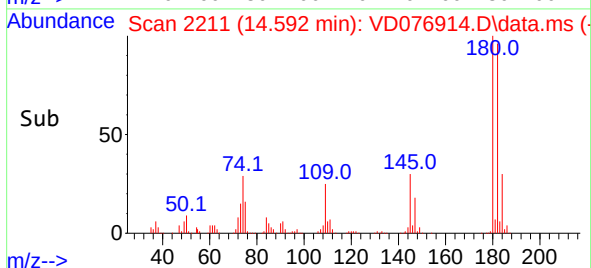
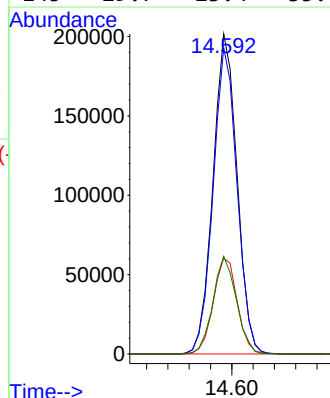
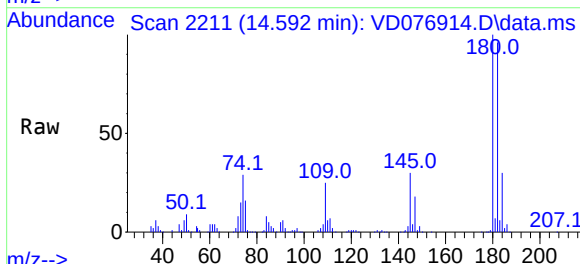
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050161

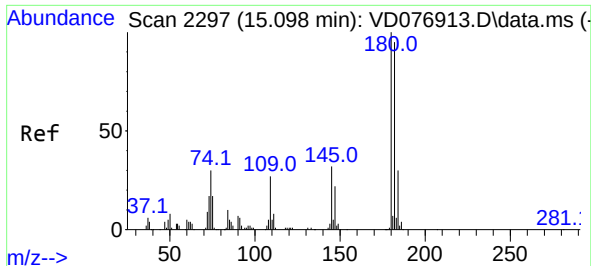
Tgt Ion:	75	Resp:	36954
Ion	Ratio	Lower	Upper
75	100		
155	100.6	76.2	114.4
157	112.5	89.4	134.2



#69
 1,3,5-Trichlorobenzene
 Concen: 46.593 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD076914.D
 Acq: 03 Aug 2023 11:28

Tgt Ion:	180	Resp:	314968
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
184	29.9	25.0	37.4
145	29.7	23.4	35.0

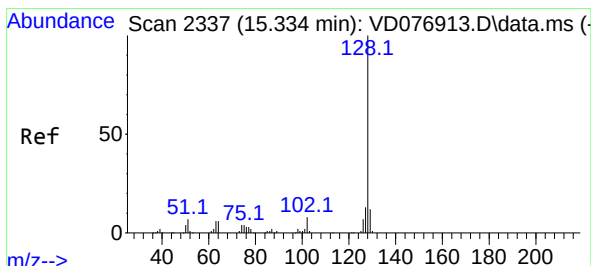
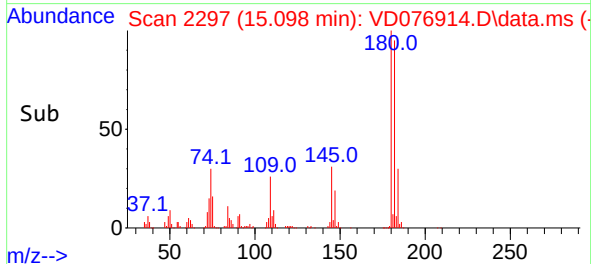
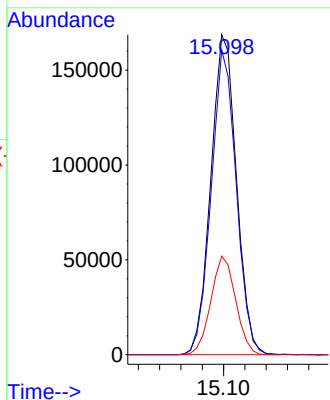
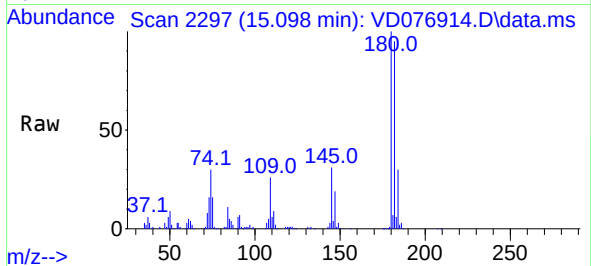




#70
1,2,4-trichlorobenzene
Concen: 46.875 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

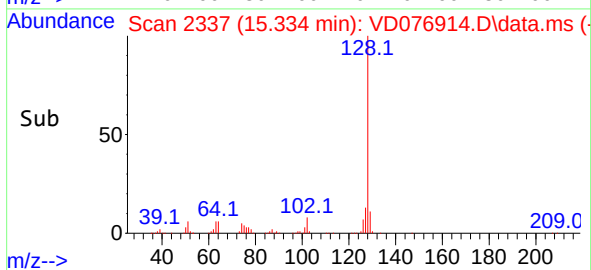
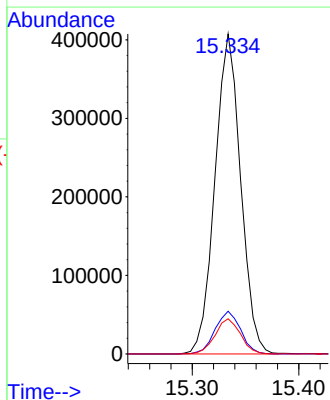
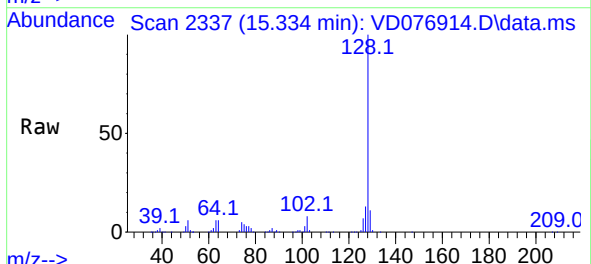
Instrument :
MSVOA_D
ClientSampleId :
VSTD050161

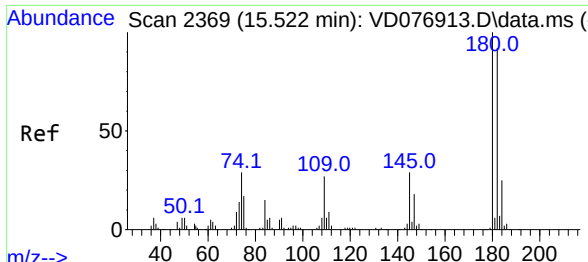
Tgt Ion:180	Resp:	281560	
Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.9	115.3
145	29.7	23.5	35.3



#71
Naphthalene
Concen: 56.876 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076914.D
Acq: 03 Aug 2023 11:28

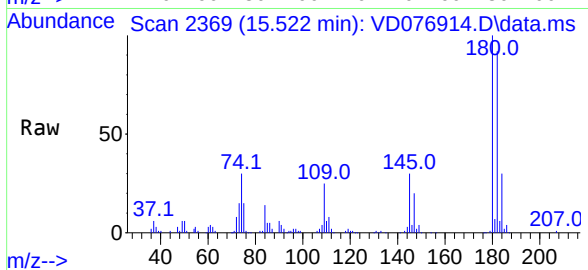
Tgt	Ion:128	Resp:	681501
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.9	8.6	12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 48.481 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076914.D
 Acq: 03 Aug 2023 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050161



Tgt Ion:	180	Resp:	255952
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.3	111.5
145	30.9	25.0	37.6

