

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022106.D
 Acq On : 07 Sep 2021 16:36
 Operator : SY/MD
 Sample : M3651-08MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKM3MS

Quant Time: Sep 08 01:18:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	353916	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	331531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	171639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84838	34.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.220%
7) Chloroethane-d5	1.564	69	72929	38.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.105	63	163475	40.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
21) 2-Butanone-d5	3.899	46	171138	101.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.810%
24) Chloroform-d	4.352	84	189798	42.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.940%
26) 1,2-Dichloroethane-d4	5.034	65	114996	43.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.380%
32) Benzene-d6	5.050	84	371976	41.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.740%
36) 1,2-Dichloropropane-d6	6.072	67	119992	42.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.860%
41) Toluene-d8	7.317	98	339091	39.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.900%#
43) trans-1,3-Dichloroprop...	7.622	79	54325	40.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.720%
47) 2-Hexanone-d5	8.091	63	115434	106.384	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	174368	48.144	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	11.625	152	140062	41.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	77104	31.694	ug/L	100
3) Chloromethane	1.240	50	81303	31.561	ug/L	97
5) Vinyl chloride	1.307	62	88385	34.041	ug/L	98
6) Bromomethane	1.519	94	56552	36.227	ug/L	98
8) Chloroethane	1.584	64	56787	34.962	ug/L	99
9) Trichlorofluoromethane	1.751	101	132418	35.814	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	82062	37.840	ug/L	100
12) 1,1-Dichloroethene	2.114	96	77479	37.953	ug/L	97
13) Acetone	2.191	43	98382	69.856	ug/L #	73
14) Carbon disulfide	2.291	76	197039	31.987	ug/L	98
15) Methyl Acetate	2.436	43	107840	39.319	ug/L	100
16) Methylene chloride	2.506	84	99379	36.334	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	88520	35.862	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	306092	39.024	ug/L	99
19) 1,1-Dichloroethane	3.191	63	169404	38.534	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	104397	38.001	ug/L	96
22) 2-Butanone	3.982	43	143476	72.475	ug/L	97
23) Bromochloromethane	4.252	128	55615	38.013	ug/L	96
25) Chloroform	4.378	83	178528	38.362	ug/L	98

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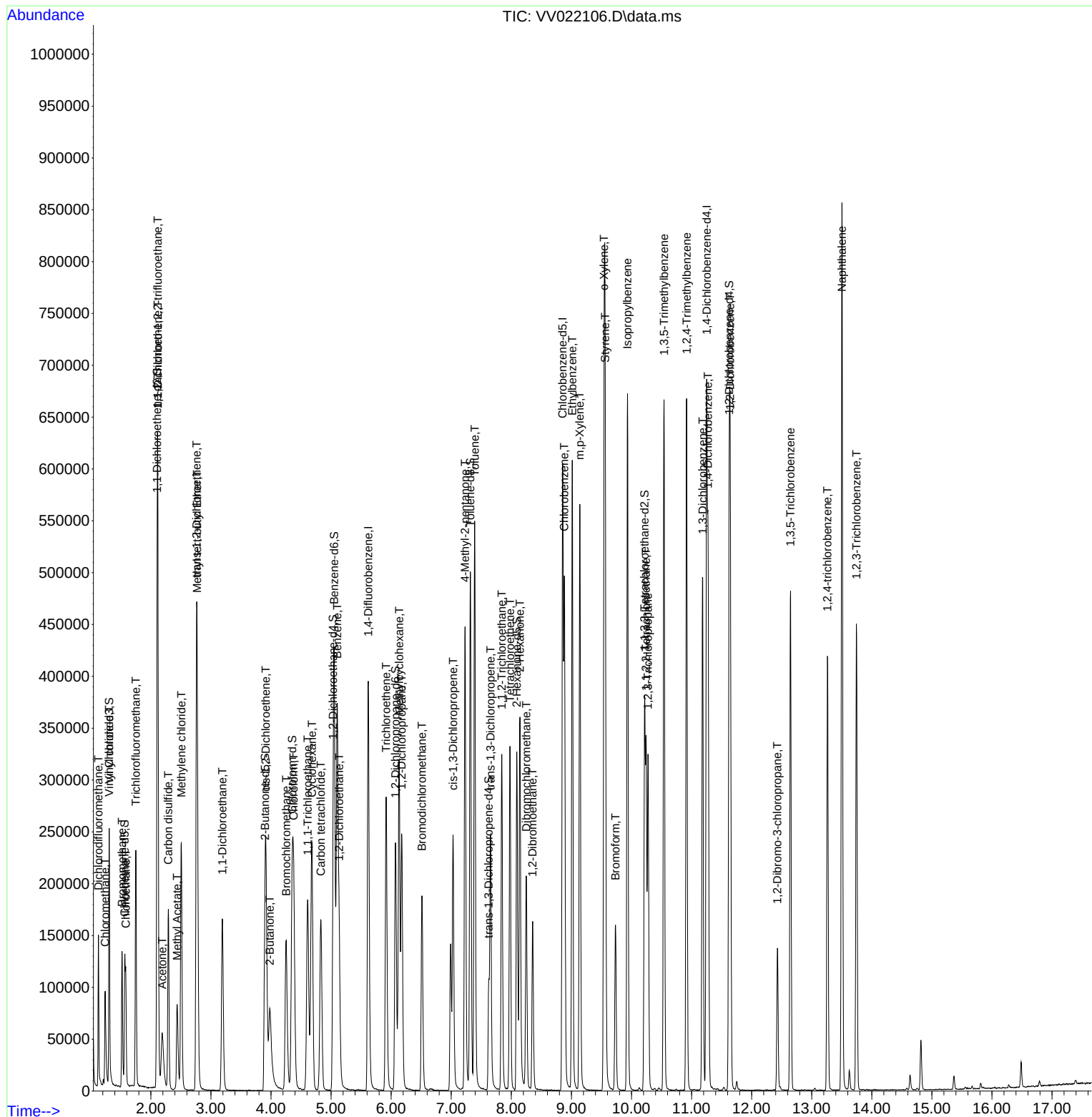
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	125281	40.160	ug/L	100
29) Cyclohexane	4.680	56	133293	35.966	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	152364	38.669	ug/L	99
31) Carbon tetrachloride	4.831	117	126347	37.322	ug/L	99
33) Benzene	5.101	78	375303	38.909	ug/L	100
34) Trichloroethene	5.915	95	99685	36.485	ug/L	99
35) Methylcyclohexane	6.133	83	138981	34.796	ug/L	98
37) 1,2-Dichloropropane	6.175	63	99987	39.990	ug/L	100
38) Bromodichloromethane	6.513	83	124498	38.936	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	150912	39.093	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	293605	86.617	ug/L	99
42) Toluene	7.391	91	405222	38.925	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	139663	38.873	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	101022	39.709	ug/L	98
46) Tetrachloroethene	7.979	164	75998	35.773	ug/L	100
48) 2-Hexanone	8.143	43	225336	85.678	ug/L	97
49) Dibromochloromethane	8.249	129	107003	39.293	ug/L	99
50) 1,2-Dibromoethane	8.355	107	107006	39.191	ug/L	100
51) Chlorobenzene	8.882	112	263684	37.673	ug/L	99
52) Ethylbenzene	9.014	91	422604	37.500	ug/L	100
53) m,p-Xylene	9.140	106	163286	37.278	ug/L	98
54) o-Xylene	9.545	106	165554	38.199	ug/L	99
55) Styrene	9.564	104	283753	38.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	156676	42.505	ug/L	97
59) Bromoform	9.734	173	72350	39.688	ug/L	99
60) Isopropylbenzene	9.934	105	429854	39.857	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	126976	42.685	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	357918	39.530	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	360784	39.203	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	203390	37.143	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	206162	36.793	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	213126	39.198	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	30170	42.082	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	145925	35.639	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	127839	35.492	ug/L	99
71) Naphthalene	13.503	128	660166	63.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	137567	39.157	ug/L	99

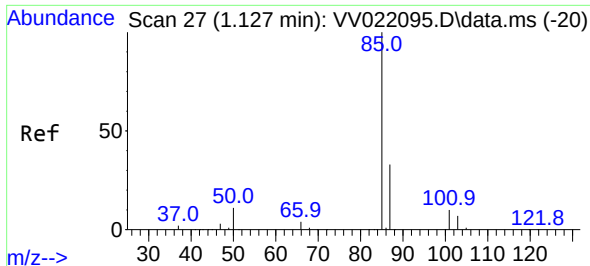
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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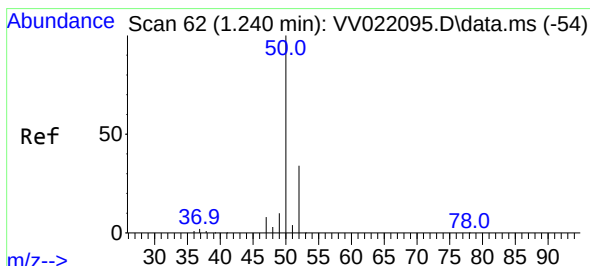
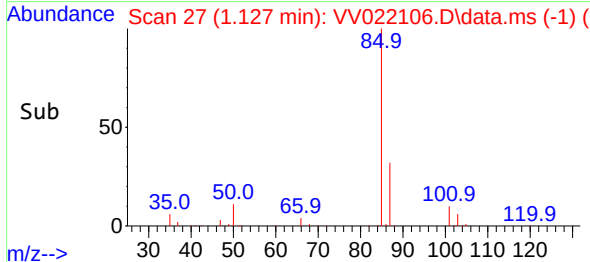
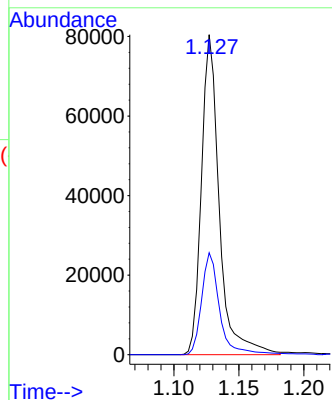
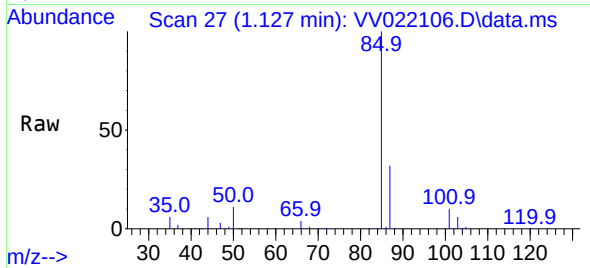




#2
Dichlorodifluoromethane
Concen: 31.694 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

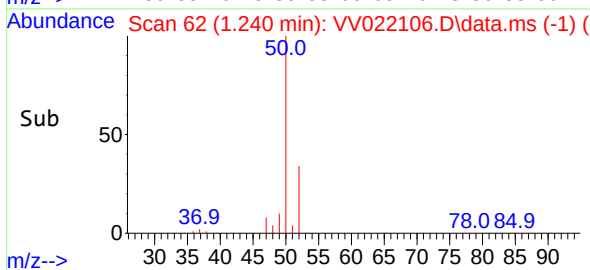
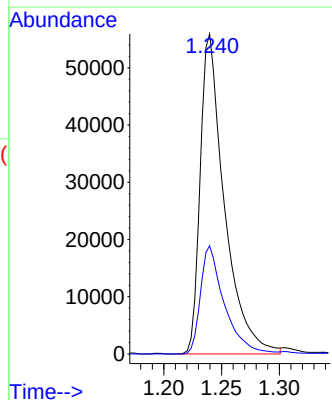
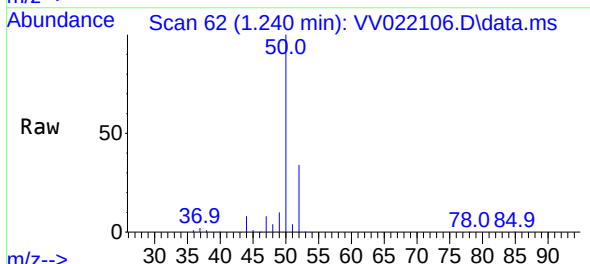
Instrument :
MSVOA_V
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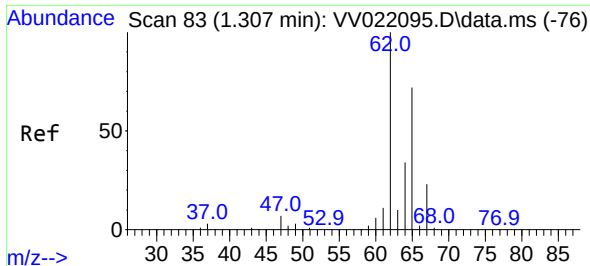
Tgt Ion: 85 Resp: 77104
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0



#3
Chloromethane
Concen: 31.561 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 50 Resp: 81303
Ion Ratio Lower Upper
50 100
52 33.8 22.5 41.9

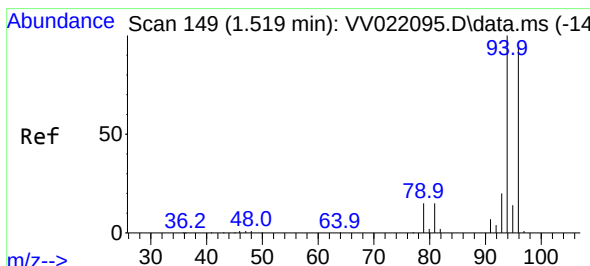
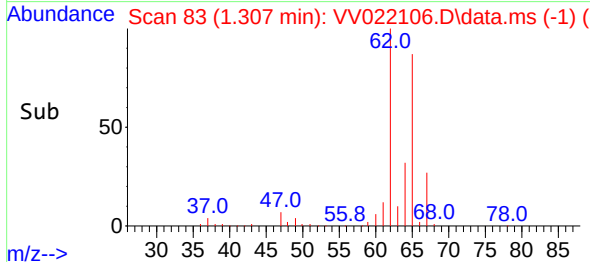
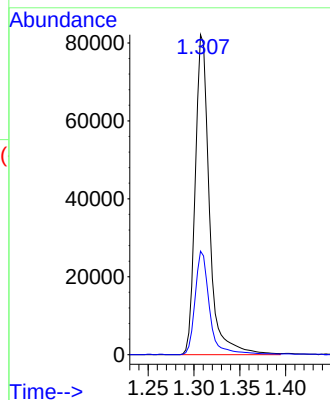
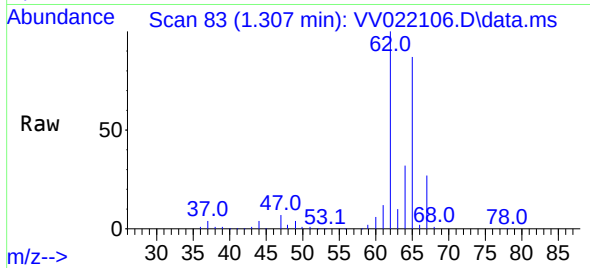




#5
 Vinyl chloride
 Concen: 34.041 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022106.D
 Acq: 07 Sep 2021 16:36

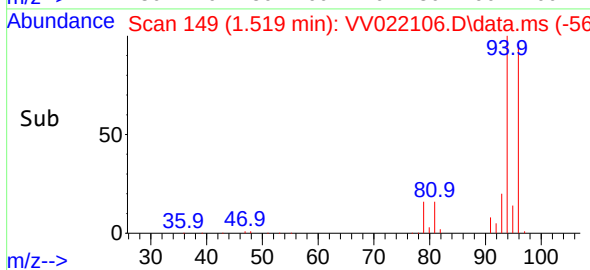
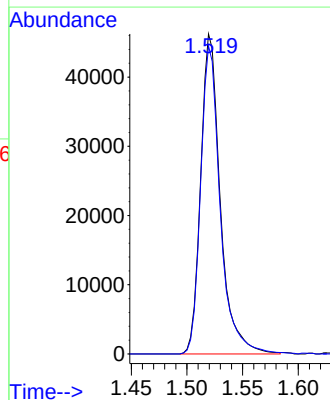
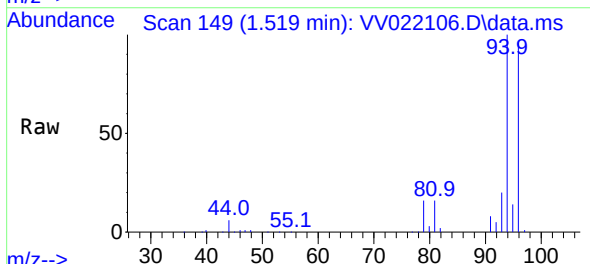
Instrument :
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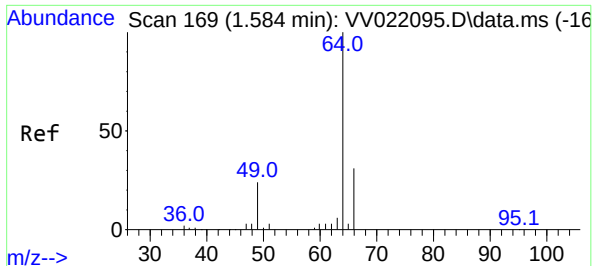
Tgt Ion: 62 Resp: 88385
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.6



#6
 Bromomethane
 Concen: 36.227 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022106.D
 Acq: 07 Sep 2021 16:36

Tgt Ion: 94 Resp: 56552
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.8 122.2

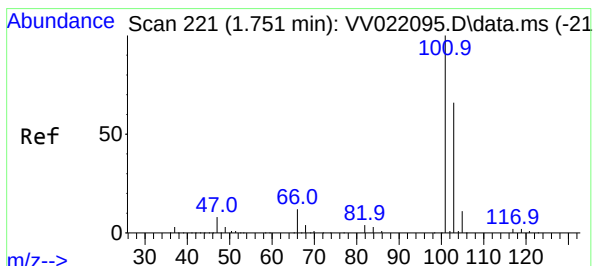
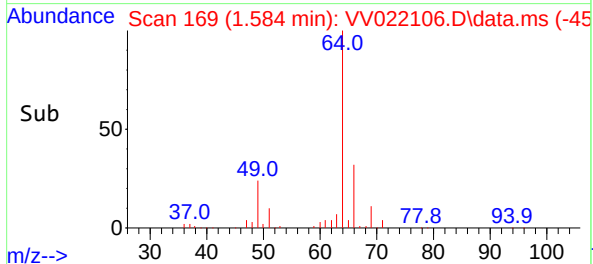
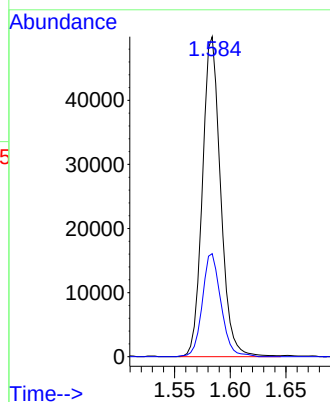
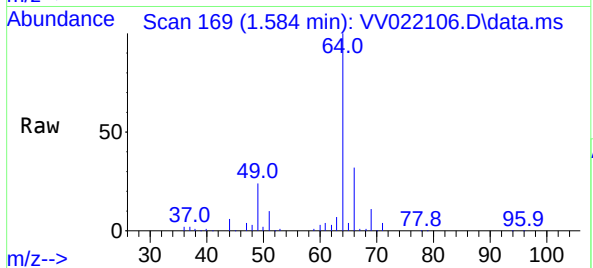




#8
Chloroethane
Concen: 34.962 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

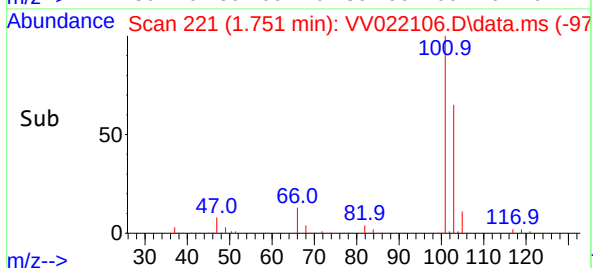
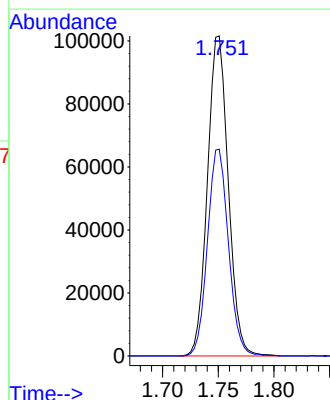
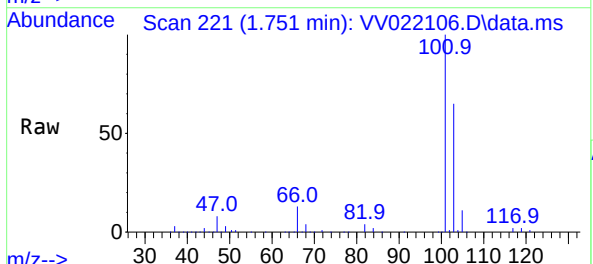
Instrument :
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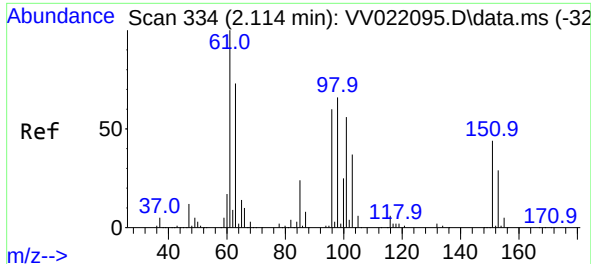
Tgt Ion: 64 Resp: 56787
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 35.814 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:101 Resp: 132418
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

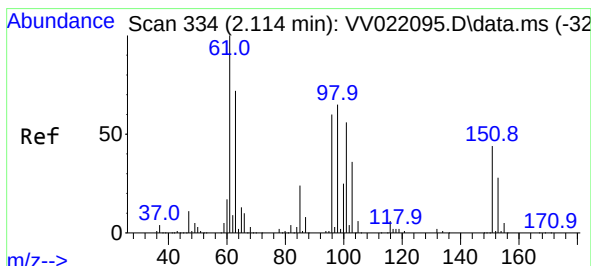
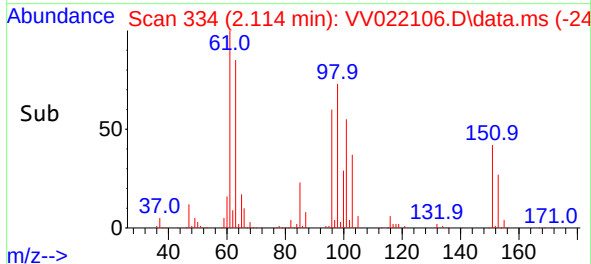
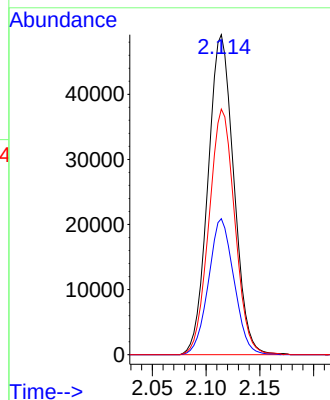
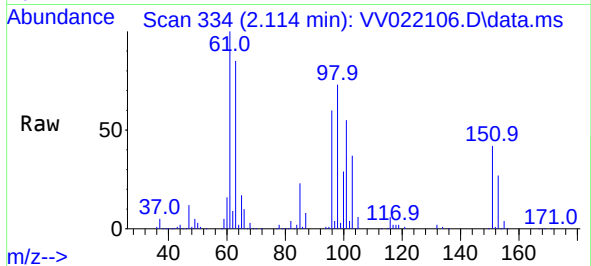




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 37.840 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

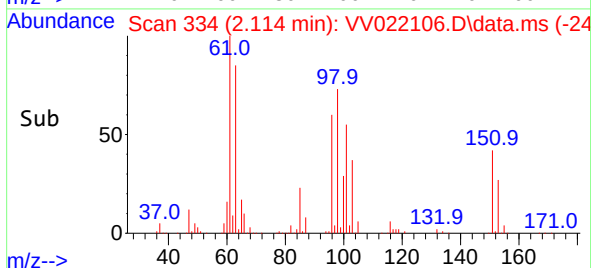
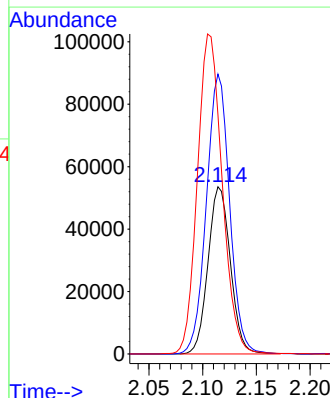
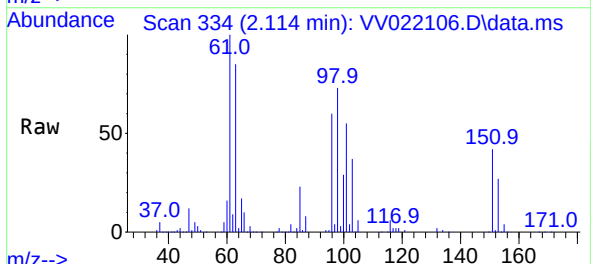
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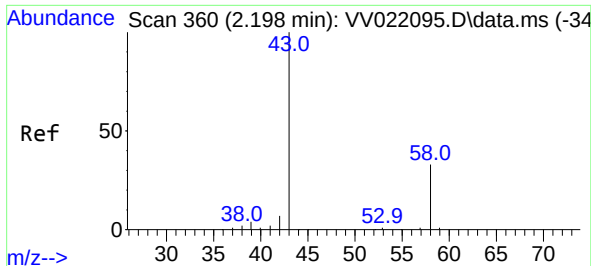
Tgt Ion:101 Resp: 82062
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.0
151 76.8 61.7 92.5



#12
1,1-Dichloroethene
Concen: 37.953 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 96 Resp: 77479
Ion Ratio Lower Upper
96 100
61 167.4 113.2 210.2
63 143.0 102.3 189.9

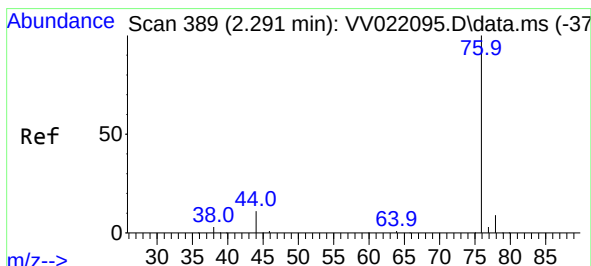
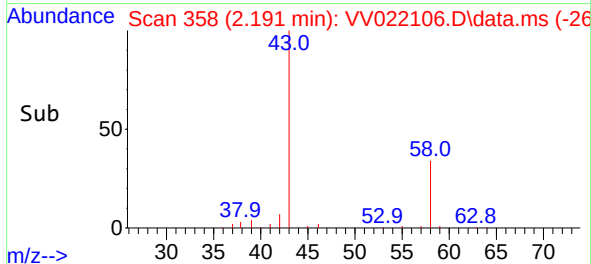
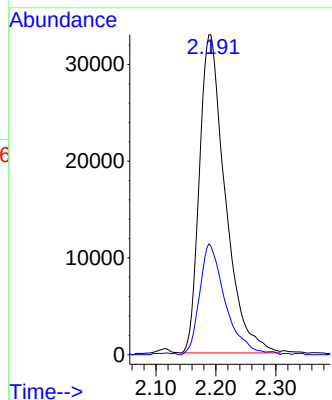
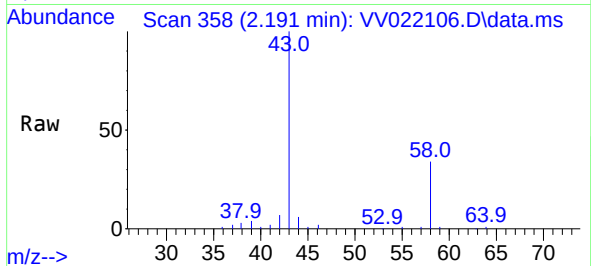




#13
Acetone
Concen: 69.856 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.006 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

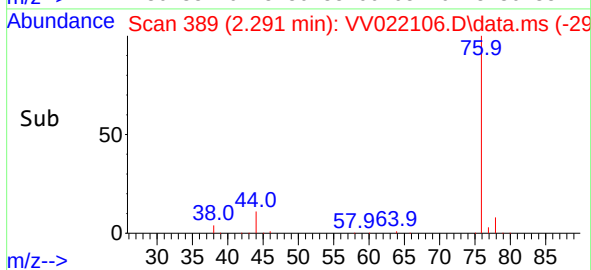
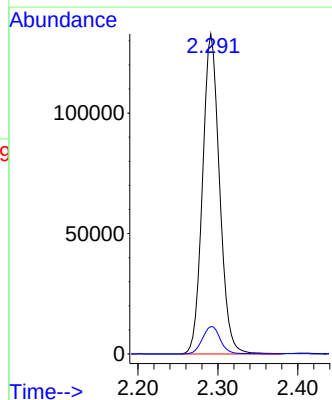
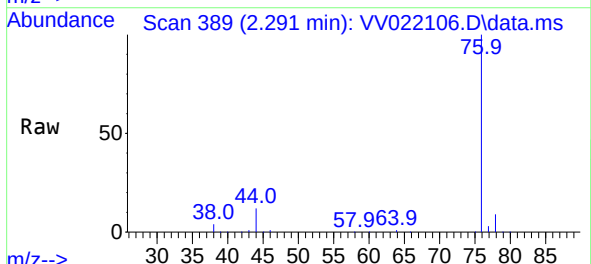
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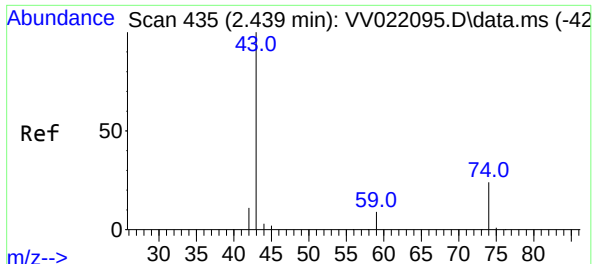
Tgt Ion: 43 Resp: 98382
Ion Ratio Lower Upper
43 100
58 34.5 0.0 0.4#



#14
Carbon disulfide
Concen: 31.987 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 197039
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

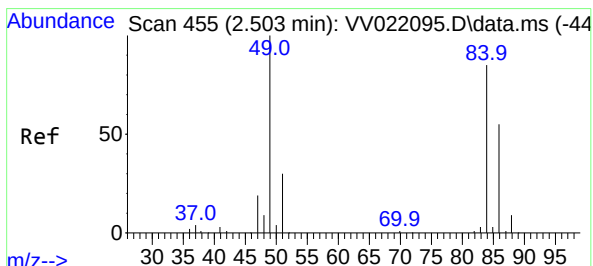
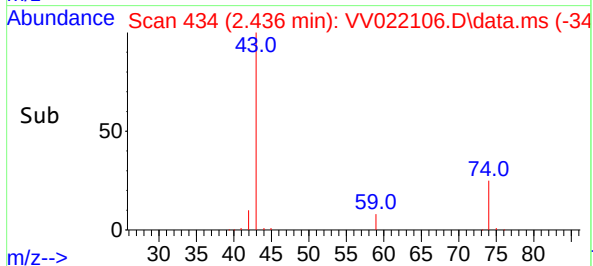
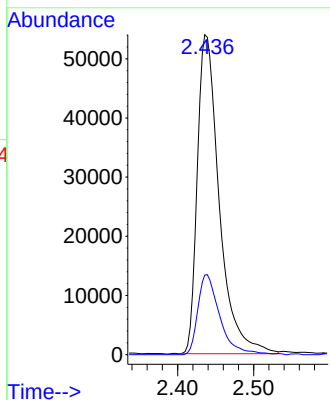
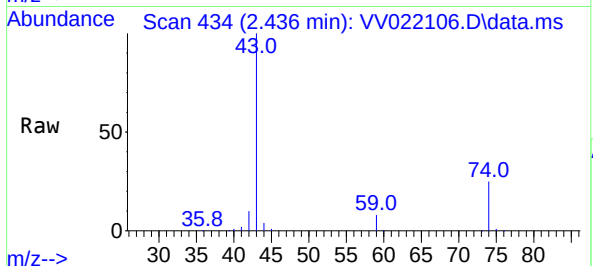




#15
Methyl Acetate
Concen: 39.319 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

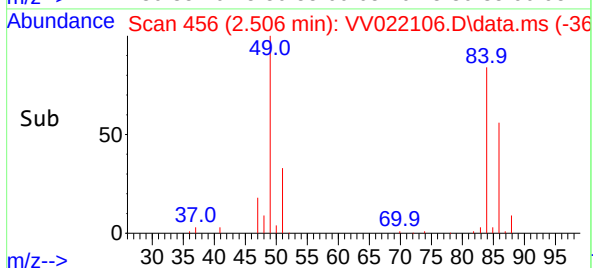
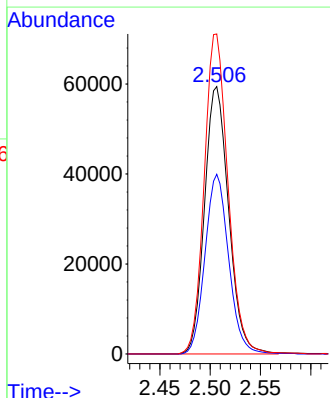
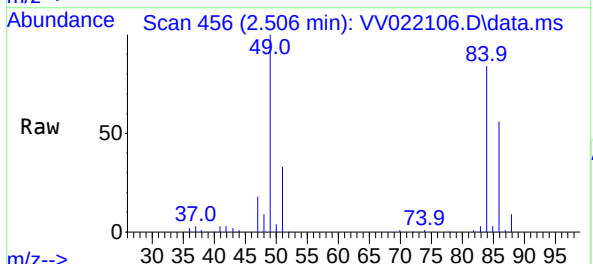
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

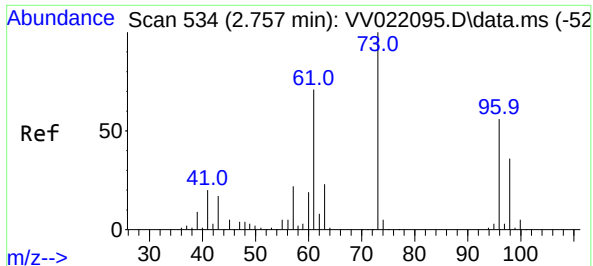
Tgt Ion: 43 Resp: 107840
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2



#16
Methylene chloride
Concen: 36.334 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 84 Resp: 99379
Ion Ratio Lower Upper
84 100
86 67.2 44.8 83.2
49 119.7 80.2 149.0

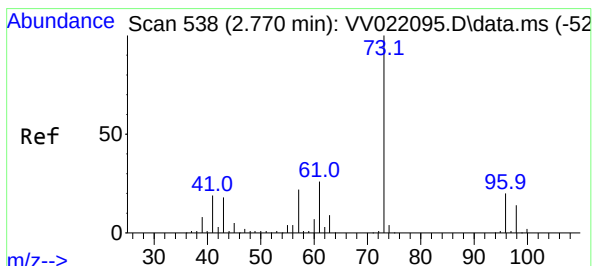
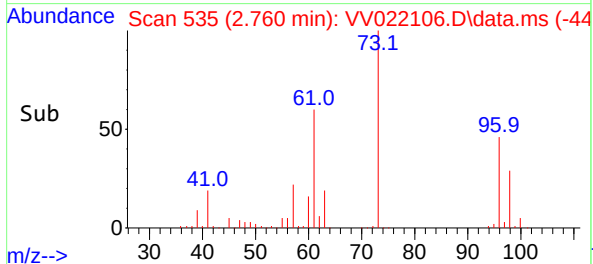
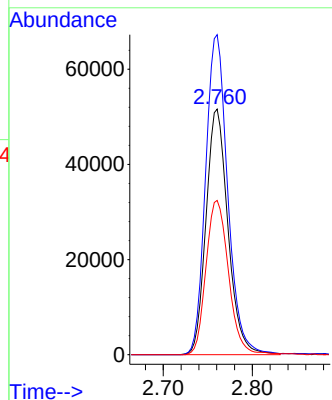
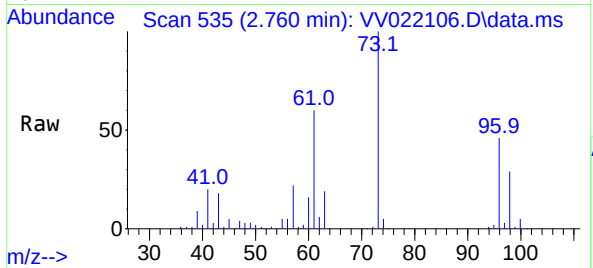




#17
trans-1,2-Dichloroethene
Concen: 35.862 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

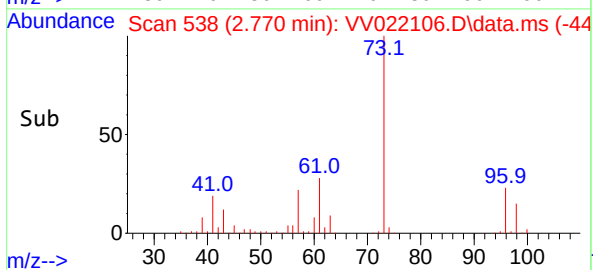
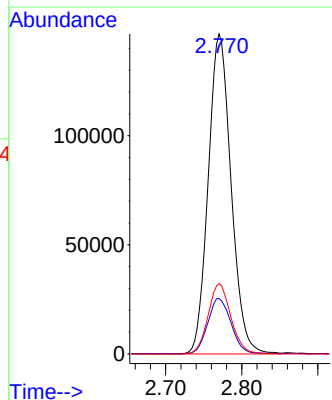
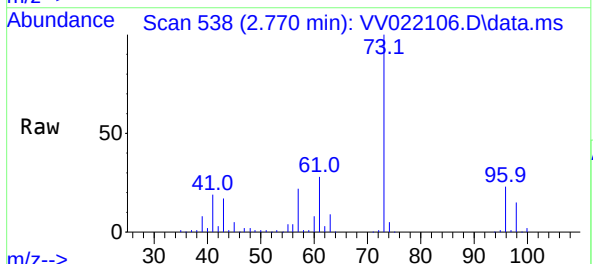
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

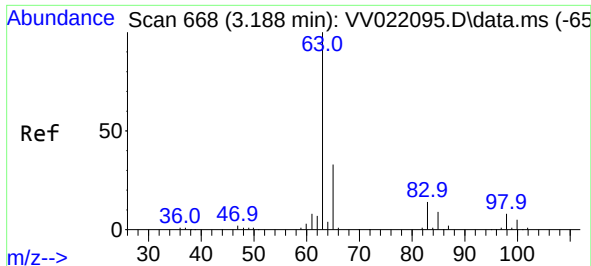
Tgt Ion: 96 Resp: 88520
Ion Ratio Lower Upper
96 100
61 130.3 89.1 165.5
98 62.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 39.024 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 73 Resp: 306092
Ion Ratio Lower Upper
73 100
43 17.6 13.8 20.6
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 38.534 ug/L

RT: 3.191 min Scan# 669

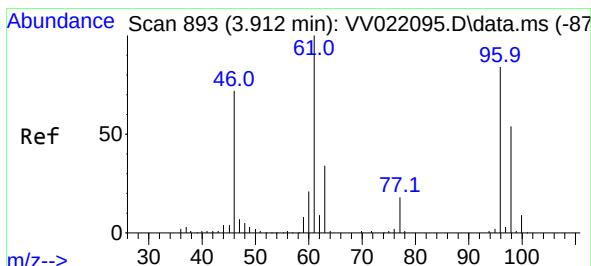
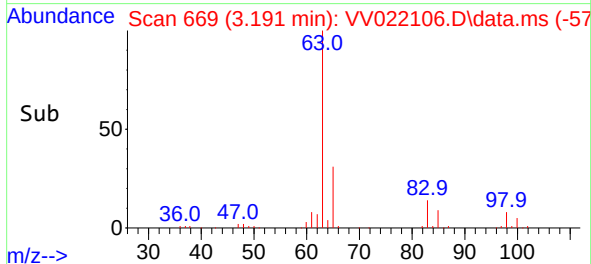
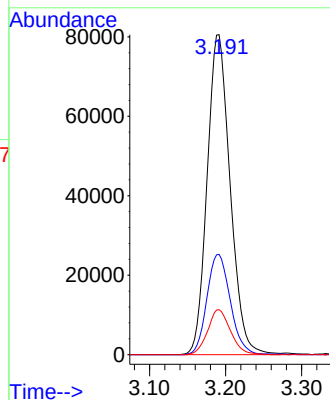
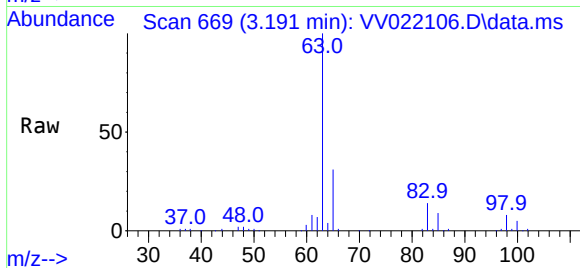
Delta R.T. 0.003 min

Lab File: VV022106.D

Acq: 07 Sep 2021 16:36

Tgt Ion: 63 Resp: 169404

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.2	41.2
83	14.1	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 38.001 ug/L

RT: 3.912 min Scan# 893

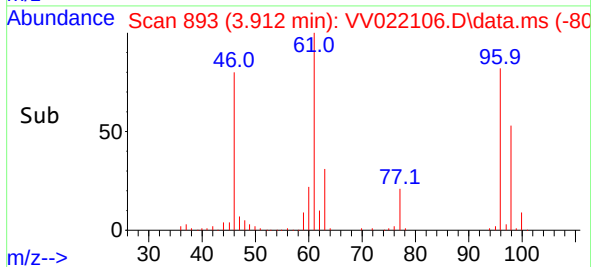
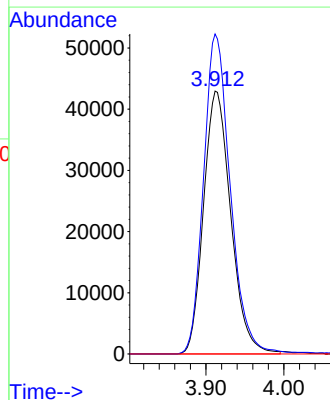
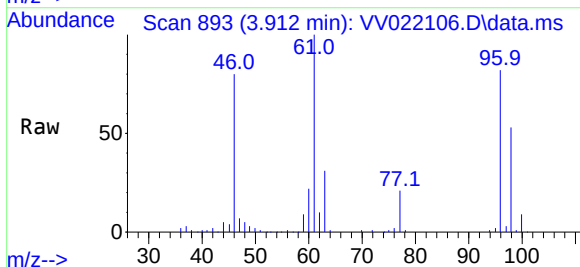
Delta R.T. 0.000 min

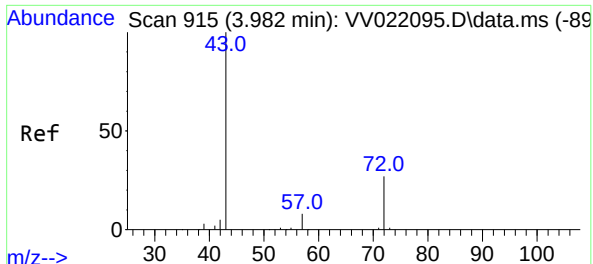
Lab File: VV022106.D

Acq: 07 Sep 2021 16:36

Tgt Ion: 96 Resp: 104397

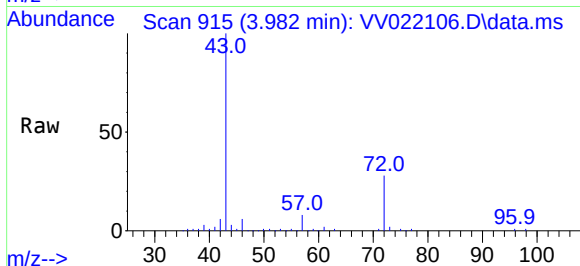
Ion	Ratio	Lower	Upper
96	100		
61	121.7	81.8	152.0
68	0.0	0.0	0.0



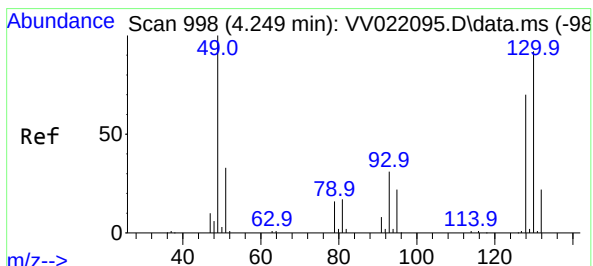
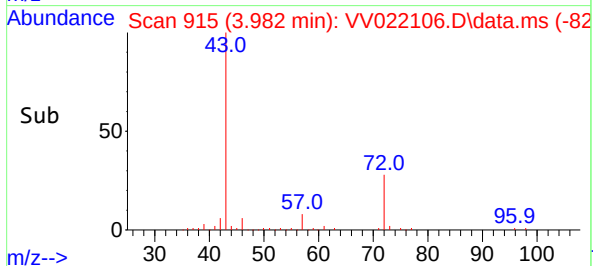
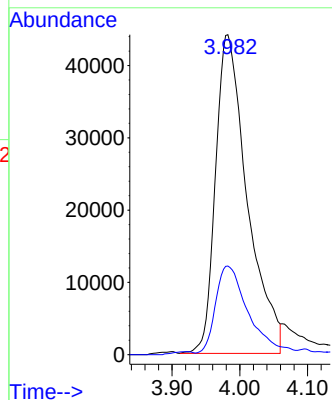


#22
2-Butanone
Concen: 72.475 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampled :
DBKM3MS

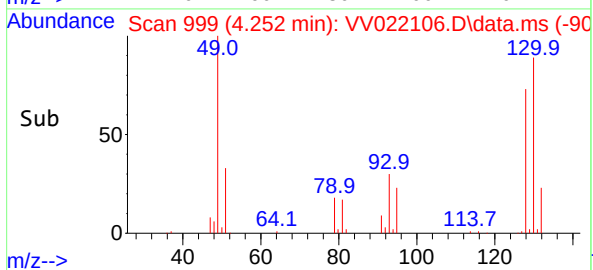
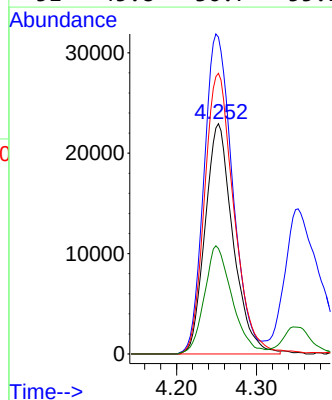
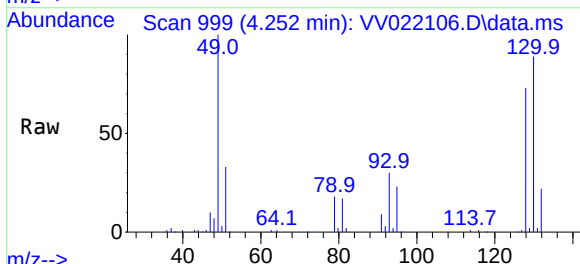


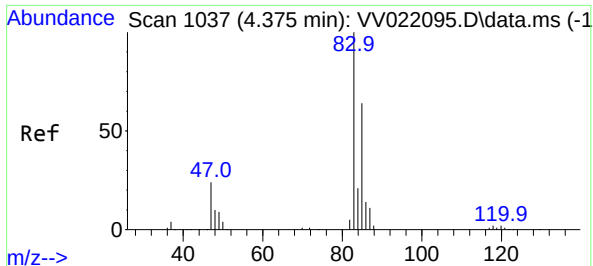
Tgt Ion: 43 Resp: 143476
Ion Ratio Lower Upper
43 100
72 28.2 13.3 39.8



#23
Bromochloromethane
Concen: 38.013 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:128 Resp: 55615
Ion Ratio Lower Upper
128 100
49 137.6 101.6 188.8
130 121.9 88.5 164.3
51 45.8 36.7 55.1



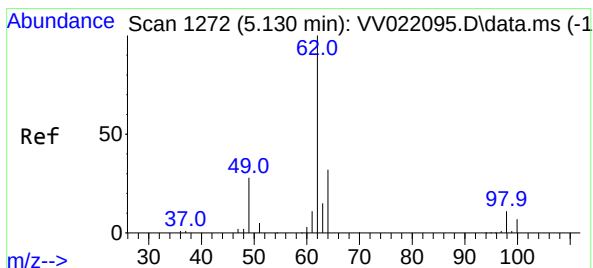
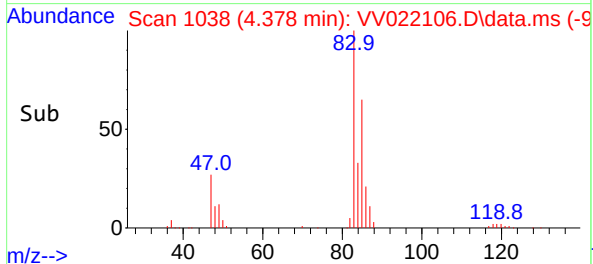
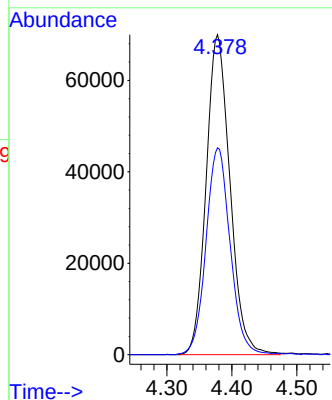
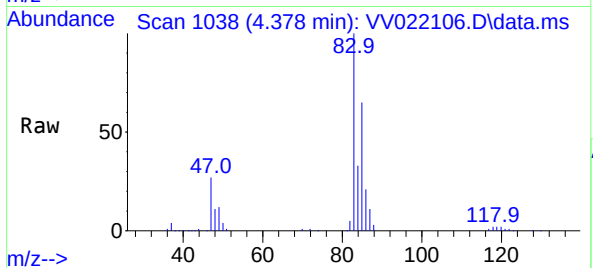


#25

Chloroform
Concen: 38.362 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

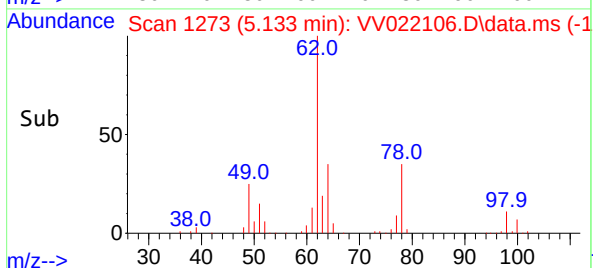
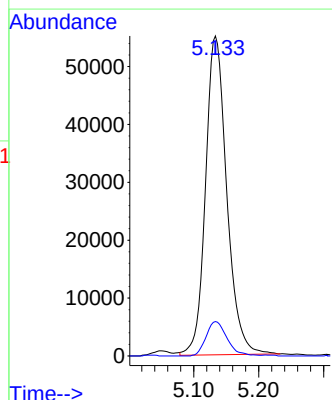
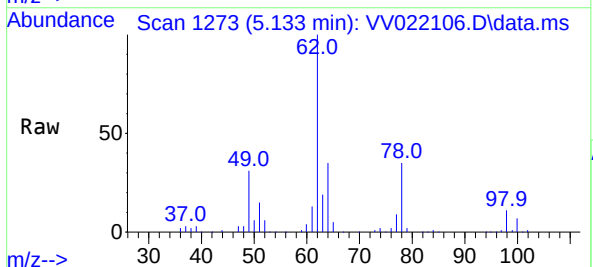
Tgt Ion: 83 Resp: 178528
Ion Ratio Lower Upper
83 100
85 64.7 46.3 85.9

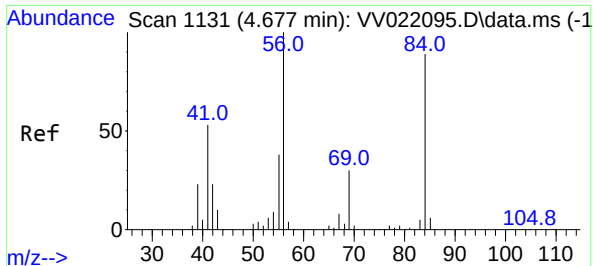


#27

1,2-Dichloroethane
Concen: 40.160 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 62 Resp: 125281
Ion Ratio Lower Upper
62 100
98 10.8 8.5 12.7





#29

Cyclohexane

Concen: 35.966 ug/L

RT: 4.680 min Scan# 1132

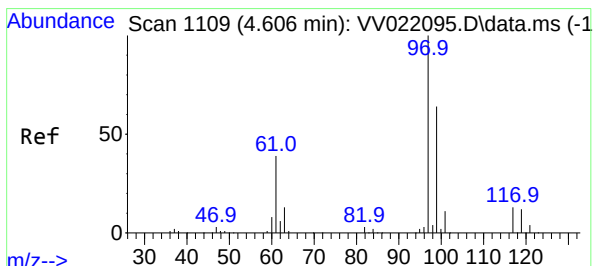
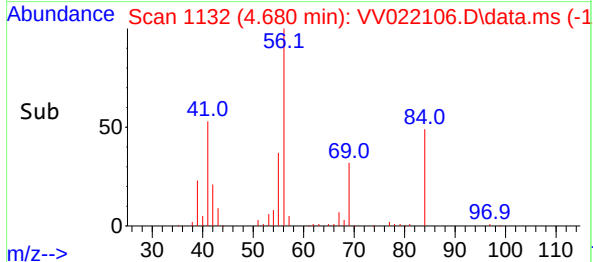
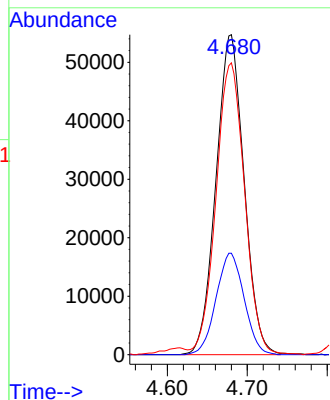
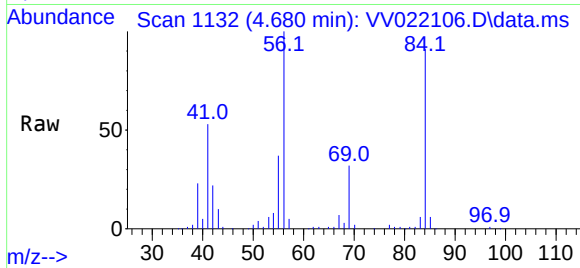
Delta R.T. 0.003 min

Lab File: VV022106.D

Acq: 07 Sep 2021 16:36

Tgt Ion: 56 Resp: 133293

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.2	37.8
84	92.9	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 38.669 ug/L

RT: 4.609 min Scan# 1110

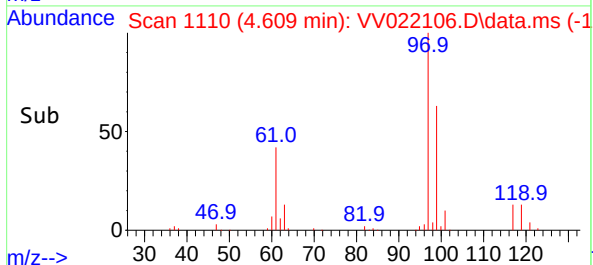
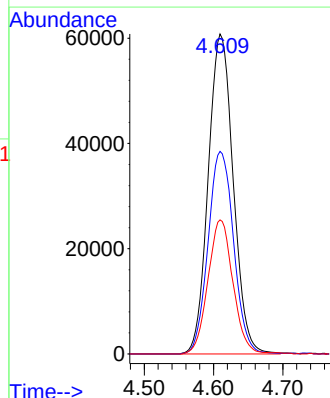
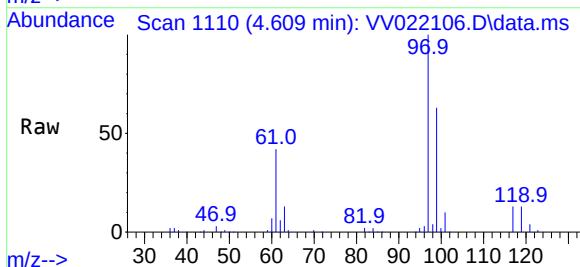
Delta R.T. 0.003 min

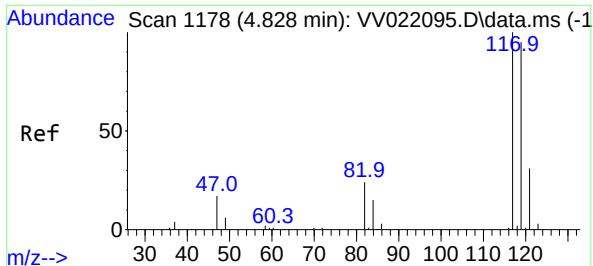
Lab File: VV022106.D

Acq: 07 Sep 2021 16:36

Tgt Ion: 97 Resp: 152364

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.0	78.0
61	41.9	31.8	47.8

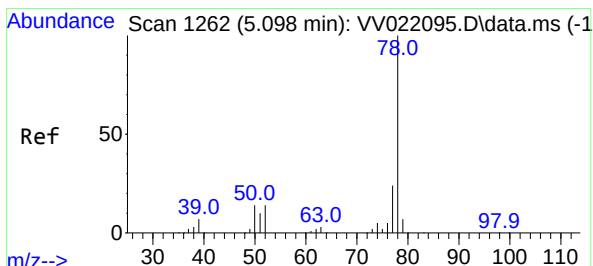
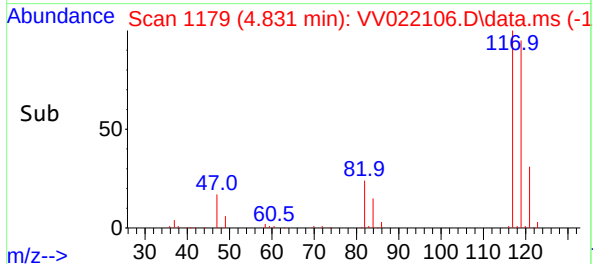
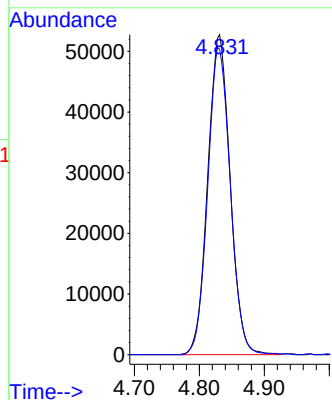
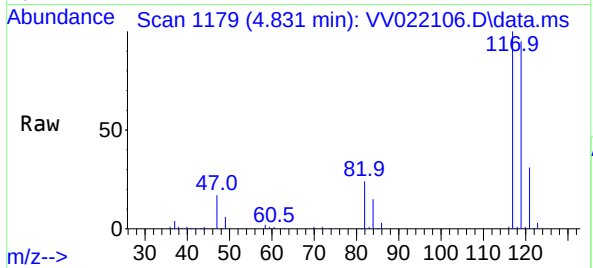




#31
Carbon tetrachloride
Concen: 37.322 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

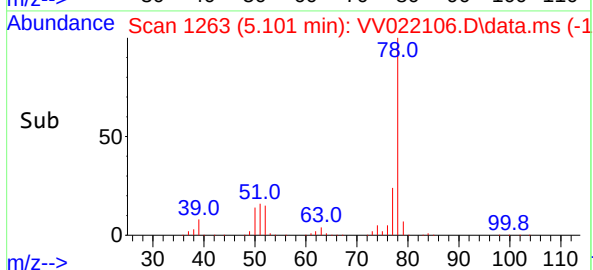
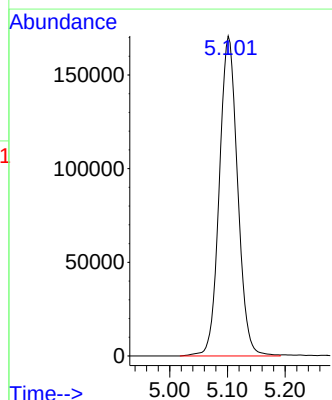
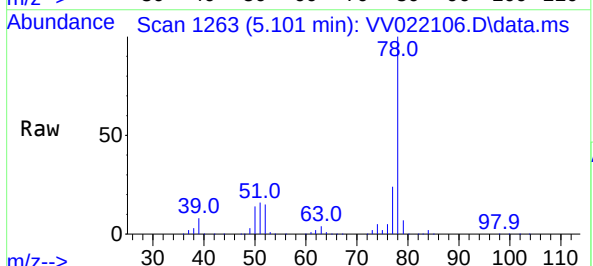
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

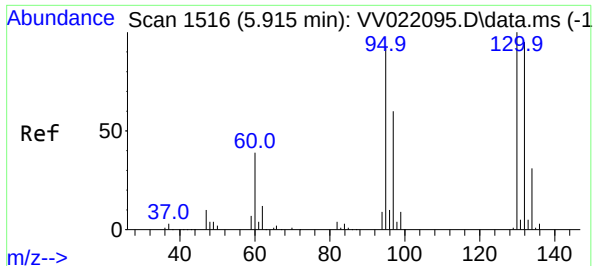
Tgt Ion:117 Resp: 126347
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#33
Benzene
Concen: 38.909 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 78 Resp: 375303

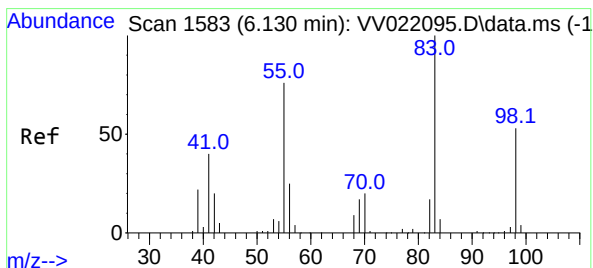
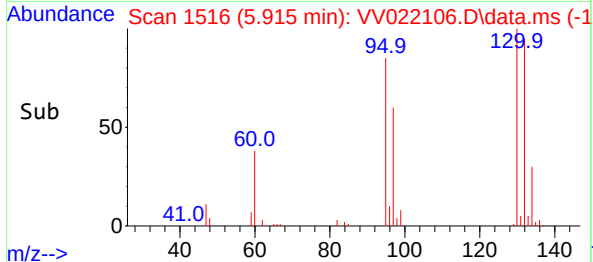
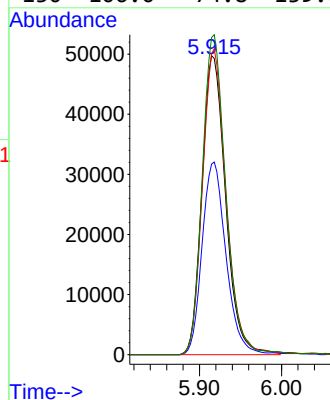
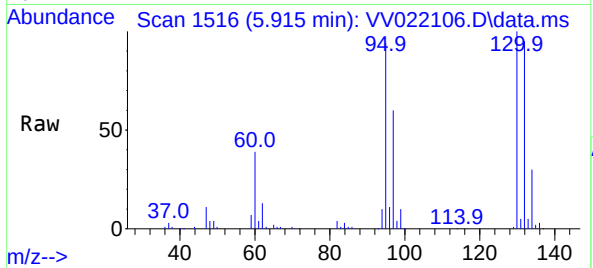




#34
Trichloroethene
Concen: 36.485 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

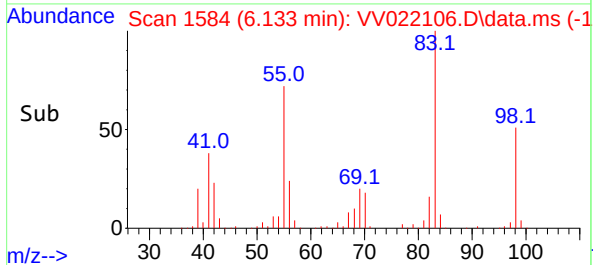
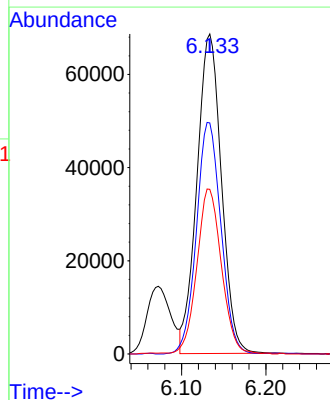
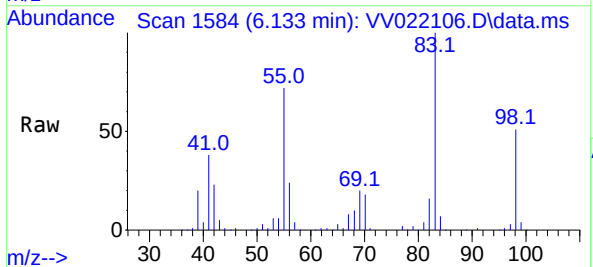
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

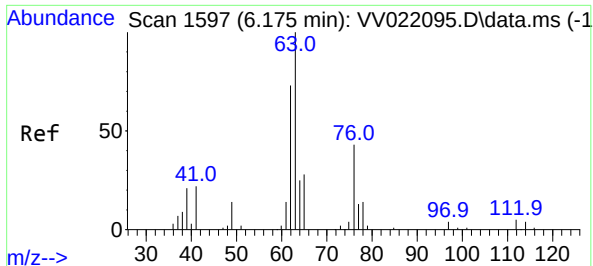
Tgt Ion: 95 Resp: 99685
Ion Ratio Lower Upper
95 100
97 63.7 44.1 81.9
132 100.7 70.7 131.3
130 106.0 74.8 139.0



#35
Methylcyclohexane
Concen: 34.796 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 83 Resp: 138981
Ion Ratio Lower Upper
83 100
55 72.4 56.8 85.2
98 51.4 39.9 59.9

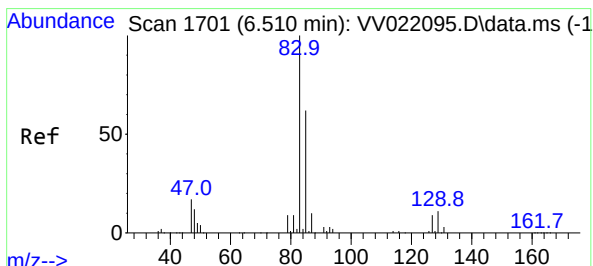
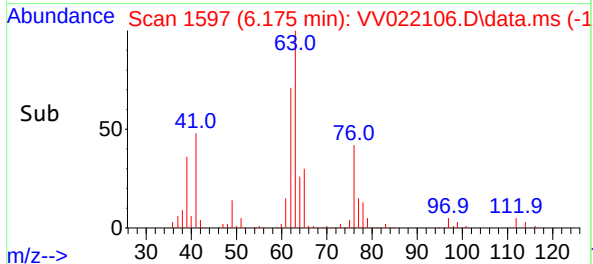
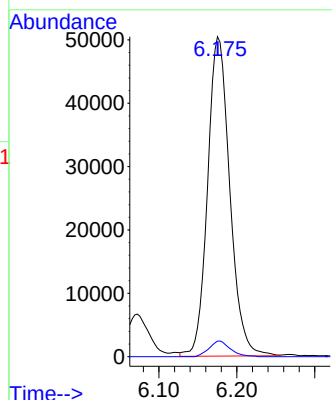
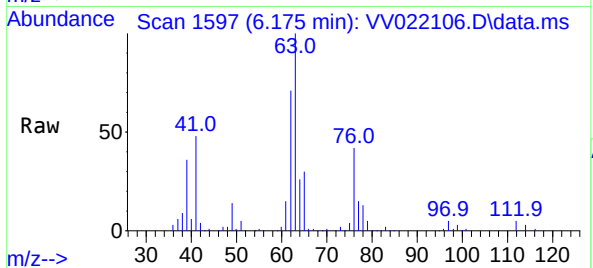




#37
1,2-Dichloropropane
Concen: 39.990 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

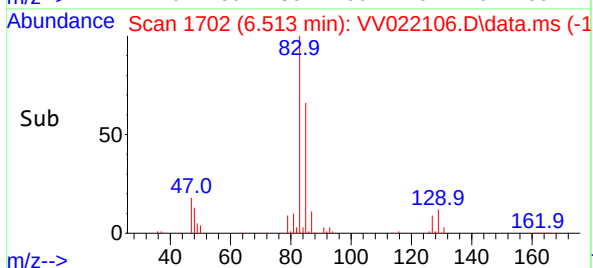
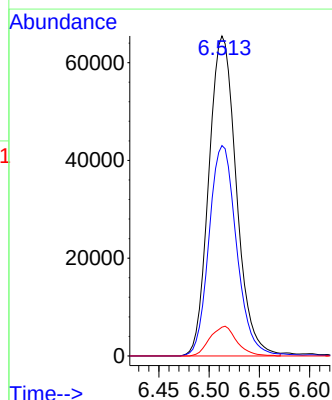
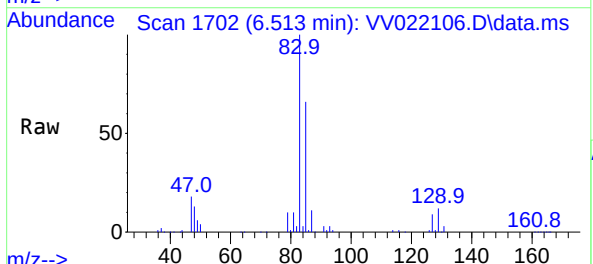
Instrument :
MSVOA_V
ClientSampled :
DBKM3MS

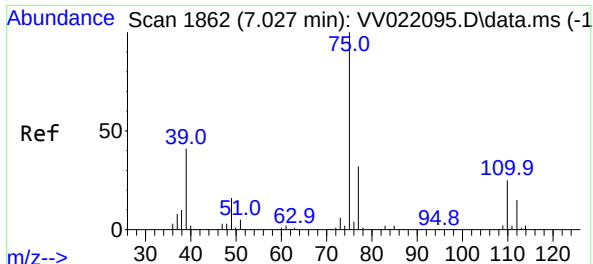
Tgt Ion: 63 Resp: 99987
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 38.936 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 83 Resp: 124498
Ion Ratio Lower Upper
83 100
85 65.8 44.8 83.2
127 9.0 7.3 10.9

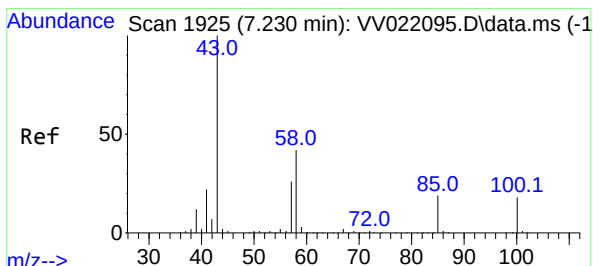
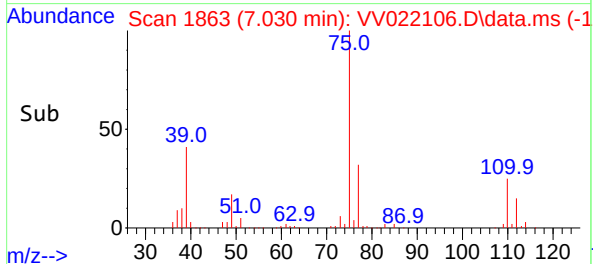
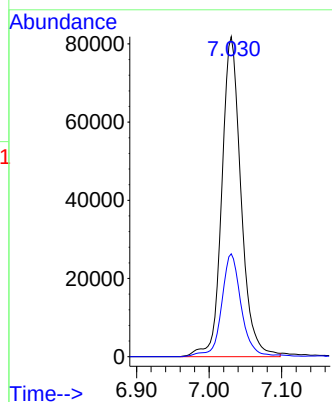
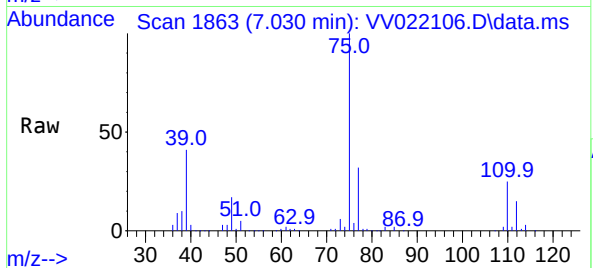




#39
 cis-1,3-Dichloropropene
 Concen: 39.093 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022106.D
 Acq: 07 Sep 2021 16:36

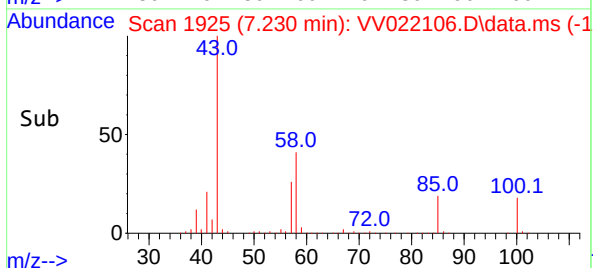
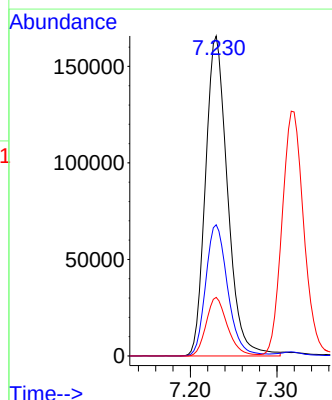
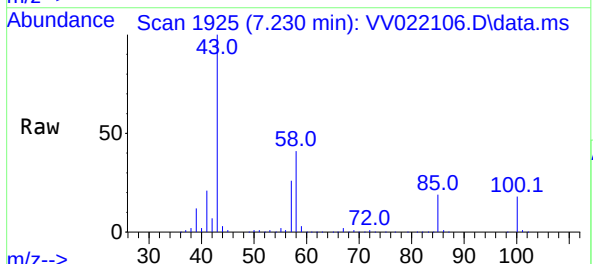
Instrument :
 MSVOA_V
 ClientSampleId :
 DBKM3MS

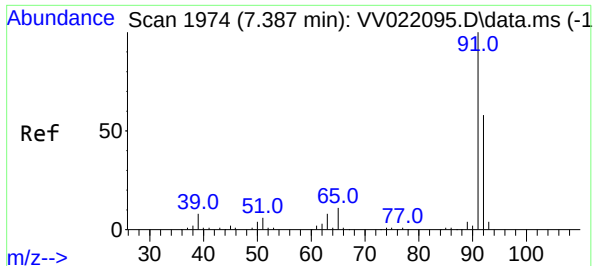
Tgt Ion: 75 Resp: 150912
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 86.617 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV022106.D
 Acq: 07 Sep 2021 16:36

Tgt Ion: 43 Resp: 293605
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.3 49.9
 100 17.7 14.5 21.7





#42

Toluene

Concen: 38.925 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022106.D

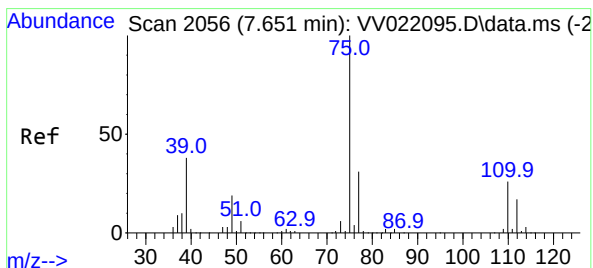
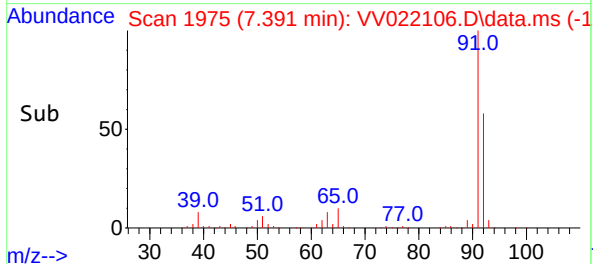
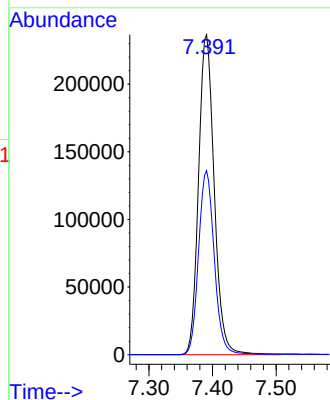
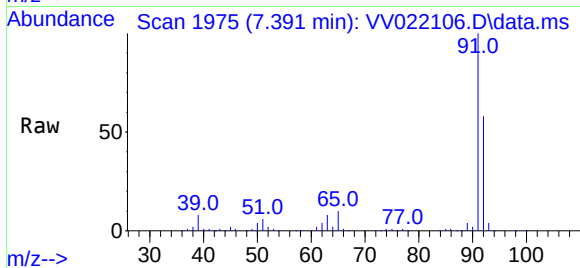
Acq: 07 Sep 2021 16:36

Tgt Ion: 91 Resp: 405222

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 38.873 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022106.D

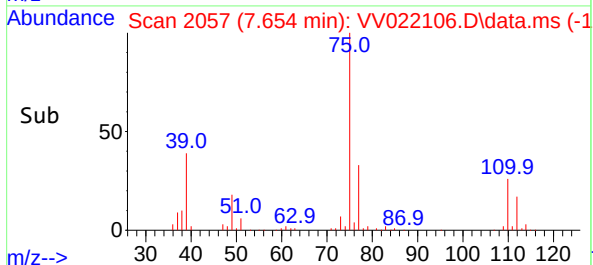
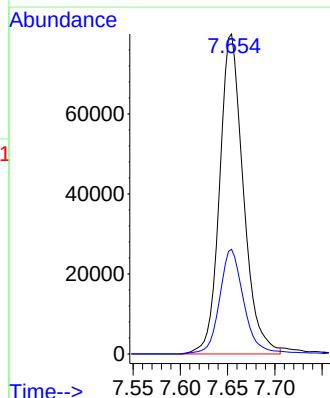
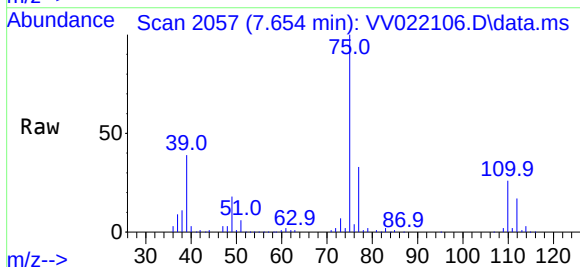
Acq: 07 Sep 2021 16:36

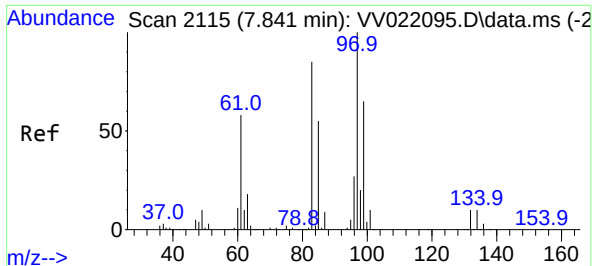
Tgt Ion: 75 Resp: 139663

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



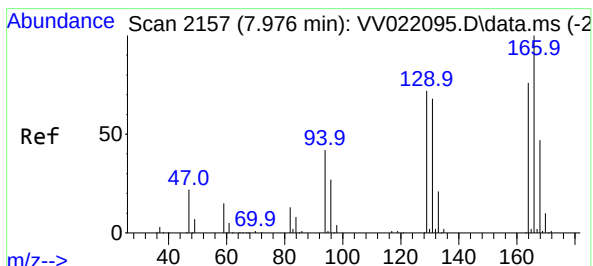
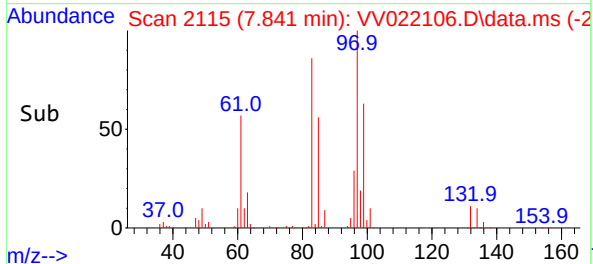
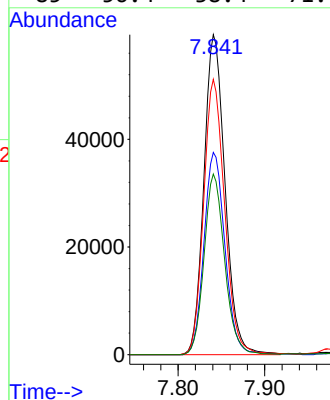
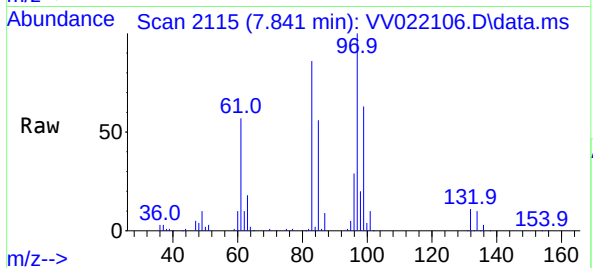


#45
1,1,2-Trichloroethane
Concen: 39.709 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

Tgt Ion: 97 Resp: 101022

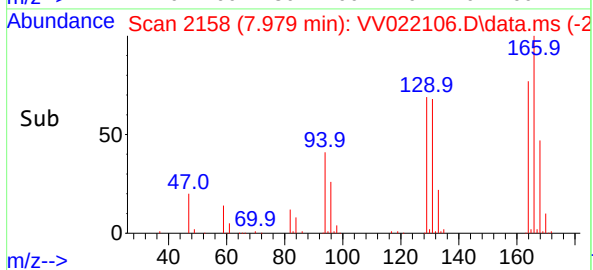
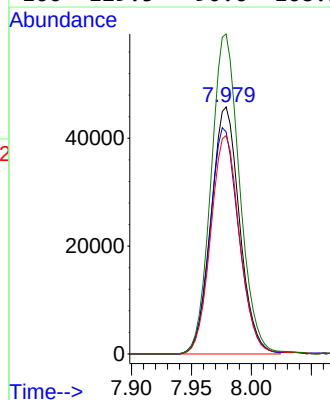
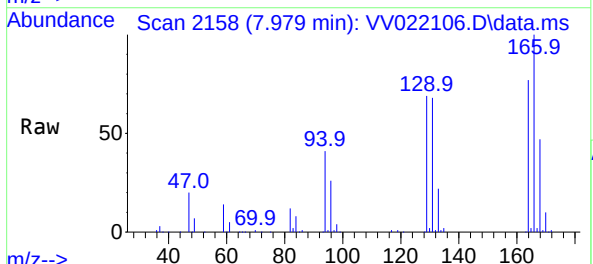
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.4
83	86.0	58.8	109.2
85	56.4	38.4	71.4

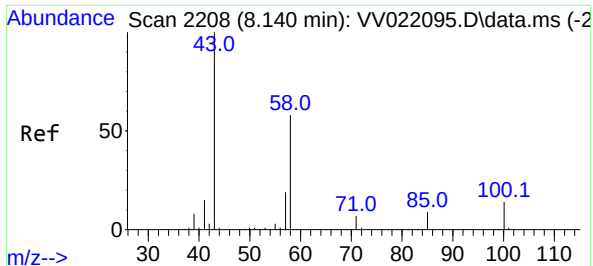


#46
Tetrachloroethene
Concen: 35.773 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 164 Resp: 75998

Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.9	116.9
131	88.4	61.0	113.4
166	129.5	90.6	168.3



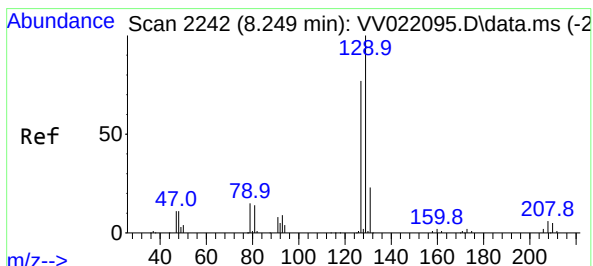
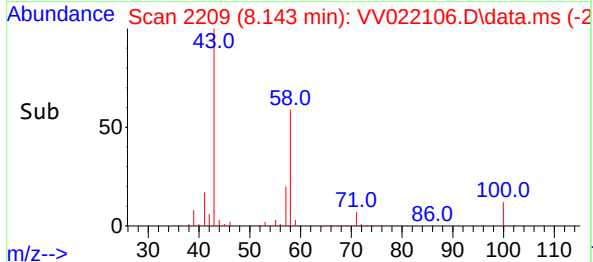
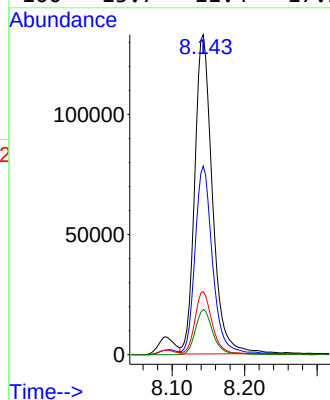
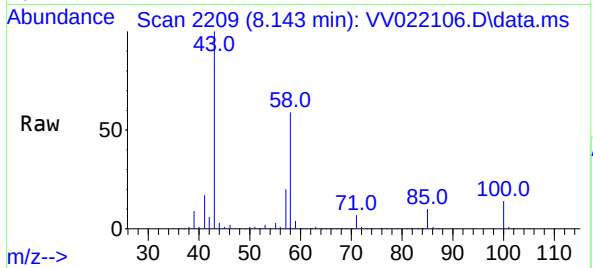


#48
2-Hexanone
Concen: 85.678 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

Tgt Ion: 43 Resp: 225336

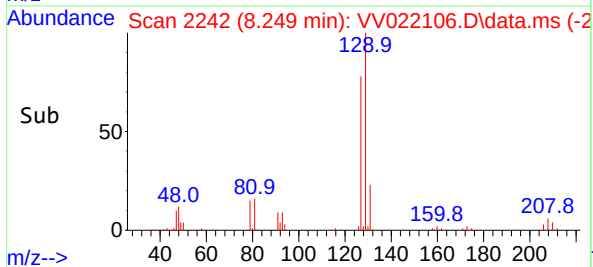
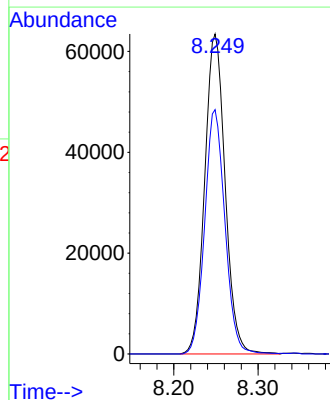
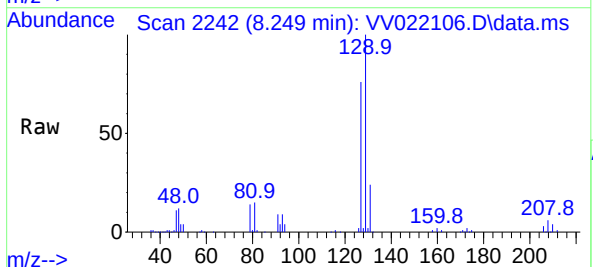
Ion	Ratio	Lower	Upper
43	100		
58	56.8	47.5	71.3
57	18.9	15.9	23.9
100	13.7	11.4	17.2

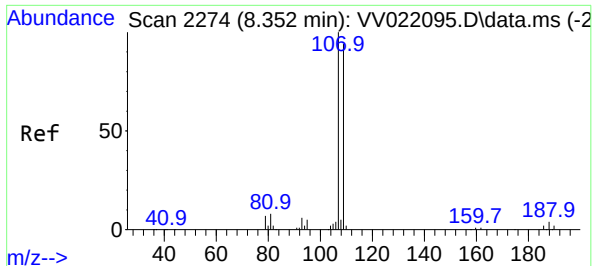


#49
Dibromochloromethane
Concen: 39.293 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 129 Resp: 107003

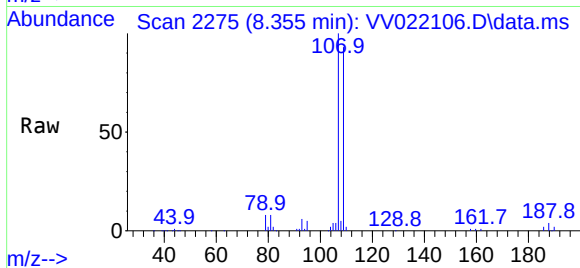
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.1	100.5



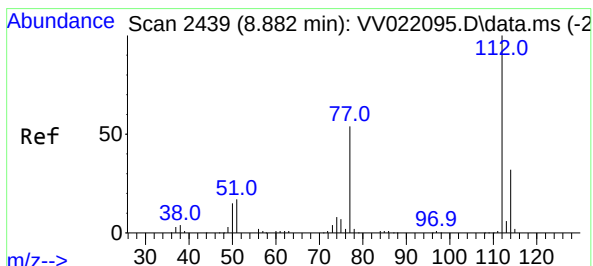
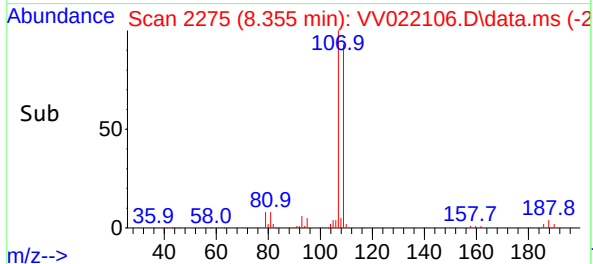
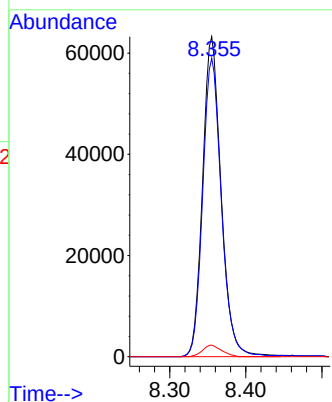


#50
1,2-Dibromoethane
Concen: 39.191 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

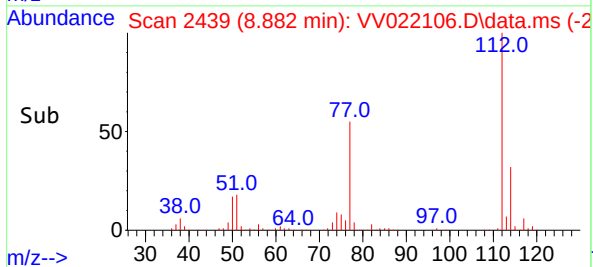
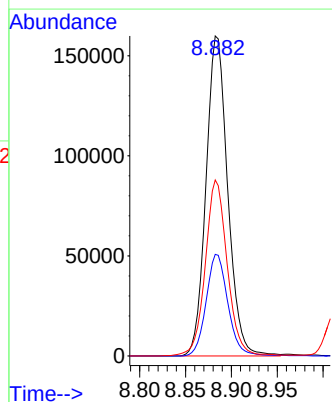
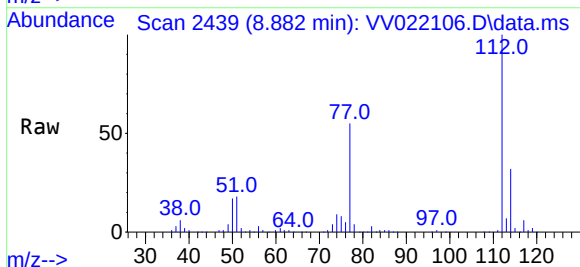


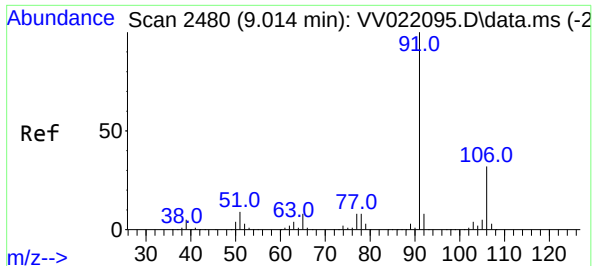
Tgt Ion:107 Resp: 107006
Ion Ratio Lower Upper
107 100
109 93.2 65.5 121.6
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 37.673 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:112 Resp: 263684
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 55.0 43.2 64.8





#52

Ethylbenzene

Concen: 37.500 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022106.D

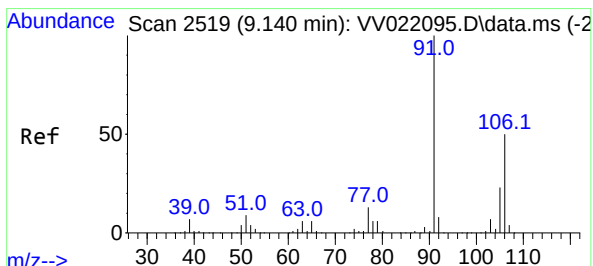
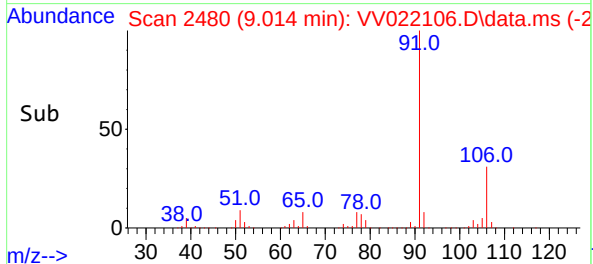
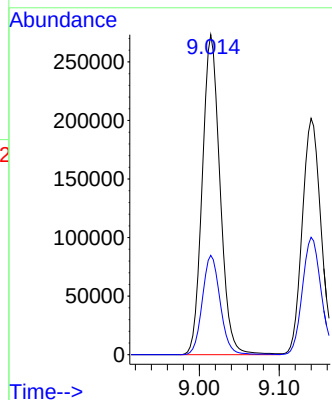
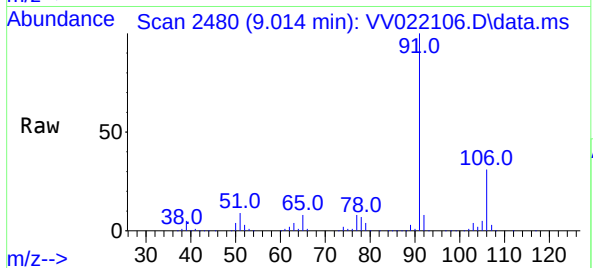
Acq: 07 Sep 2021 16:36

Tgt Ion: 91 Resp: 422604

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 37.278 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022106.D

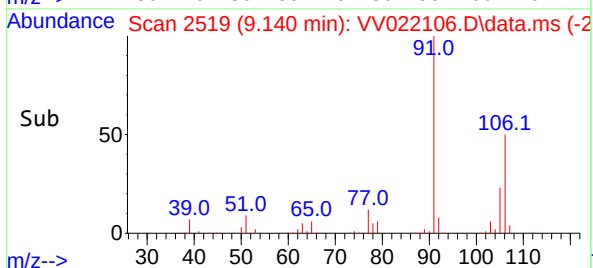
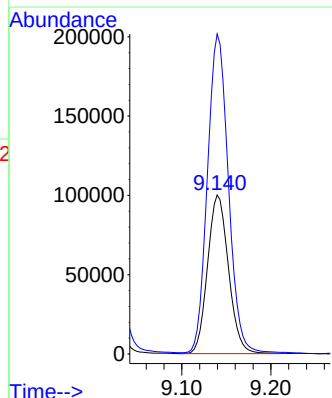
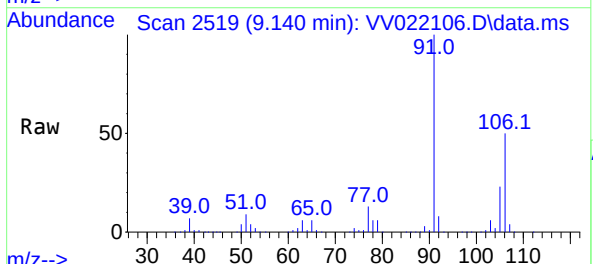
Acq: 07 Sep 2021 16:36

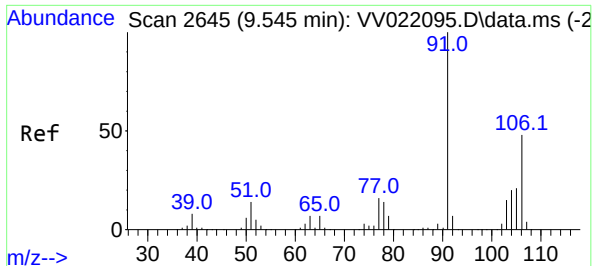
Tgt Ion: 106 Resp: 163286

Ion Ratio Lower Upper

106 100

91 201.2 139.1 258.3

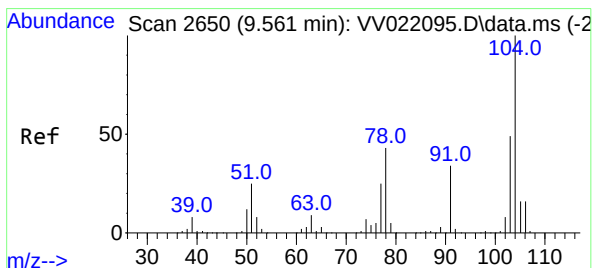
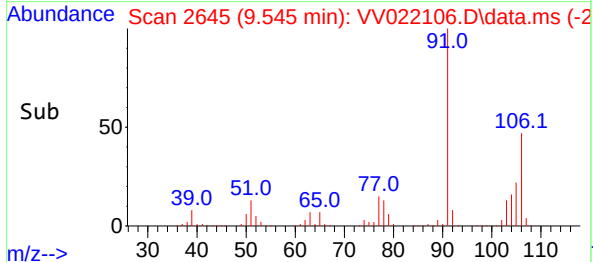
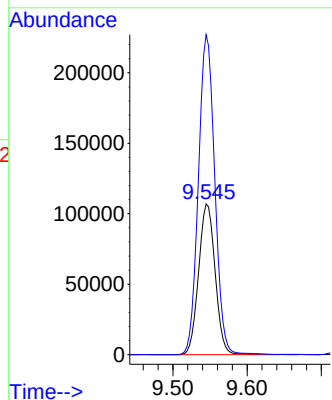
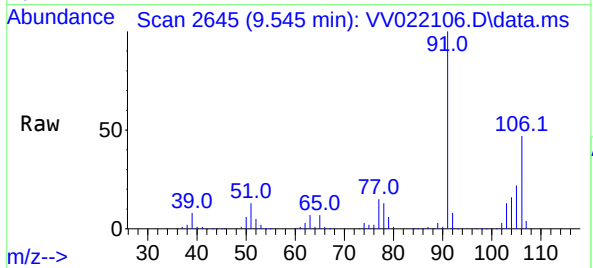




#54
o-Xylene
Concen: 38.199 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

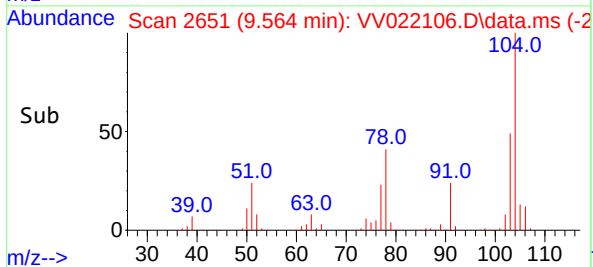
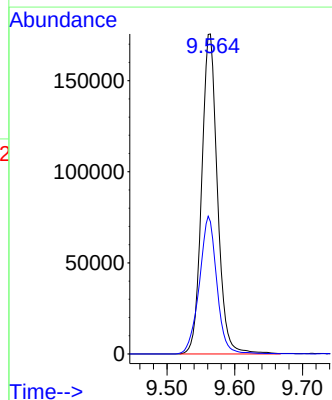
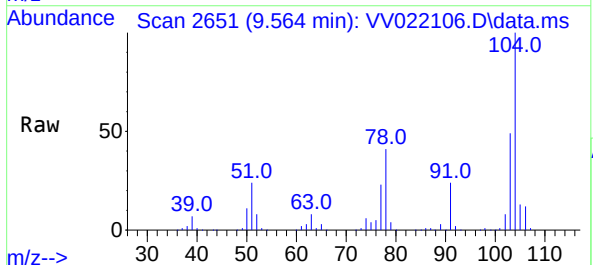
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

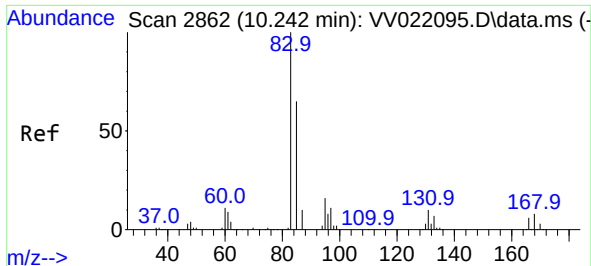
Tgt Ion:106 Resp: 165554
Ion Ratio Lower Upper
106 100
91 212.4 150.1 278.9



#55
Styrene
Concen: 38.364 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:104 Resp: 283753
Ion Ratio Lower Upper
104 100
78 41.3 28.6 53.2

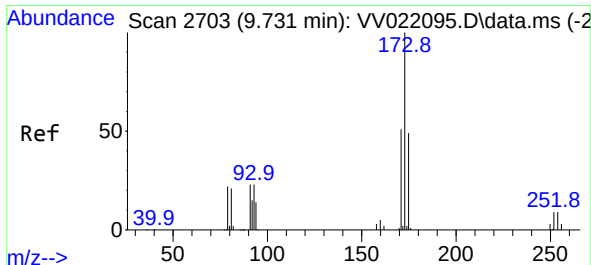
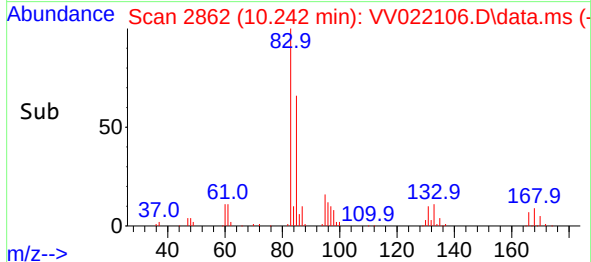
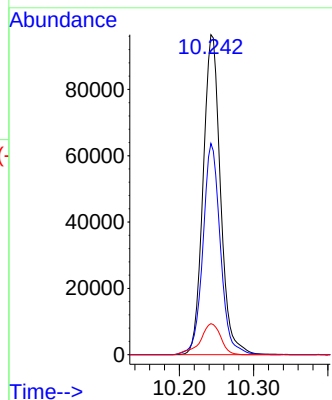
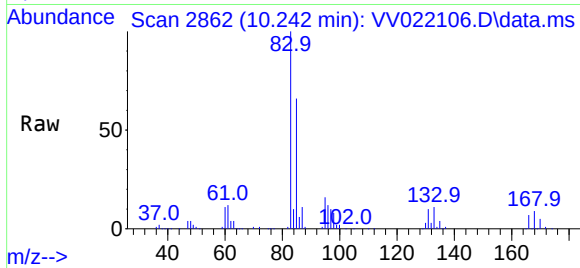




#57
1,1,2,2-Tetrachloroethane
Concen: 42.505 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

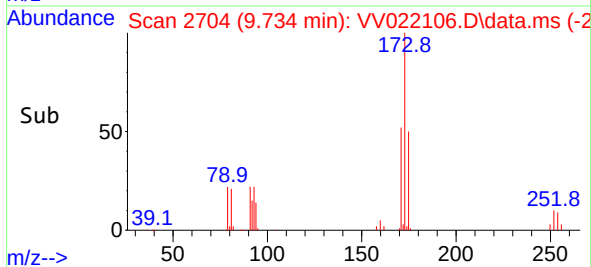
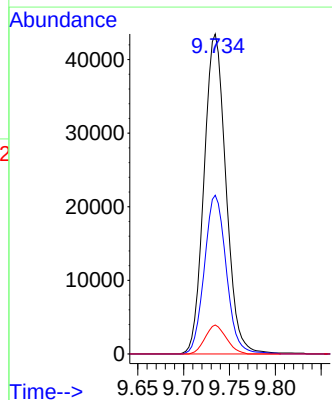
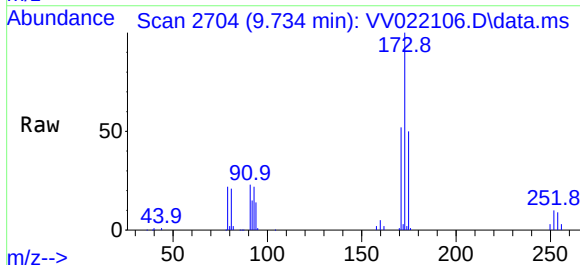
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

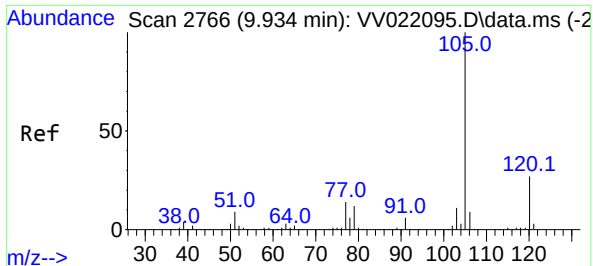
Tgt Ion: 83 Resp: 156676
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1
131 9.7 8.2 12.2



#59
Bromoform
Concen: 39.688 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion: 173 Resp: 72350
Ion Ratio Lower Upper
173 100
175 49.5 38.8 58.2
254 8.7 7.0 10.4

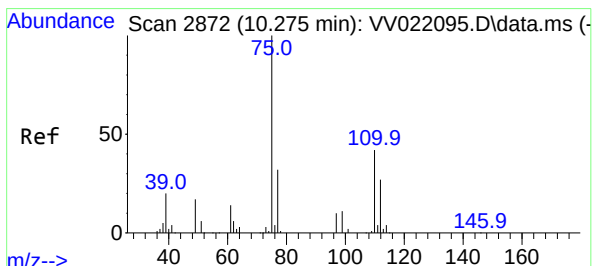
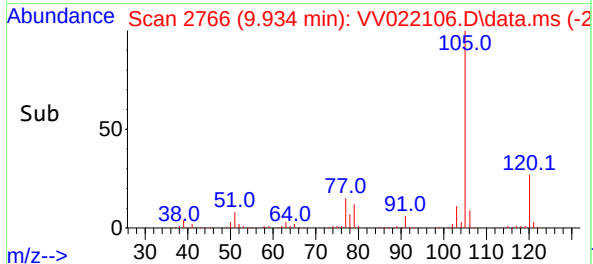
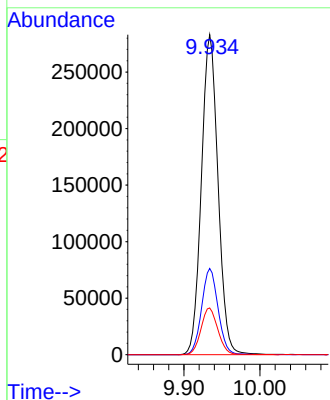
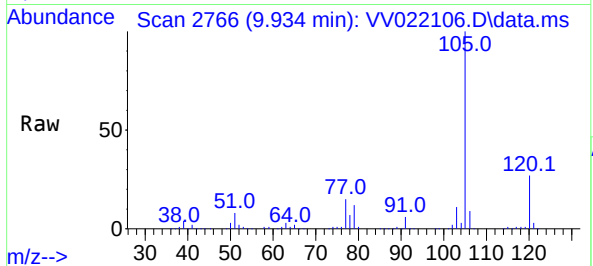




#60
Isopropylbenzene
Concen: 39.857 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

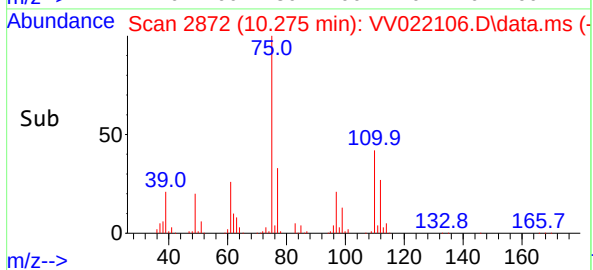
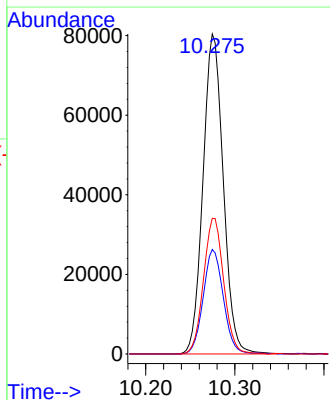
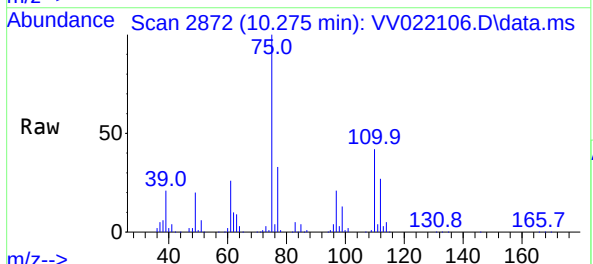
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

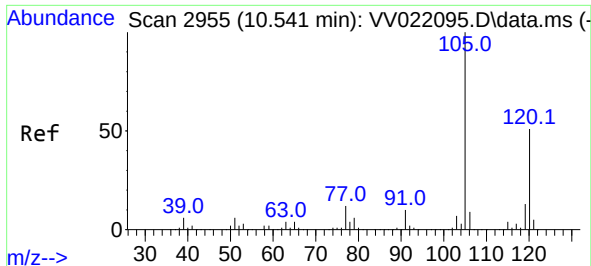
Tgt Ion:	105	Resp:	429854
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.5	32.3
77	14.8	11.8	17.6



#61
1,2,3-Trichloropropane
Concen: 42.685 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:	75	Resp:	126976
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.2
110	42.2	33.8	50.6

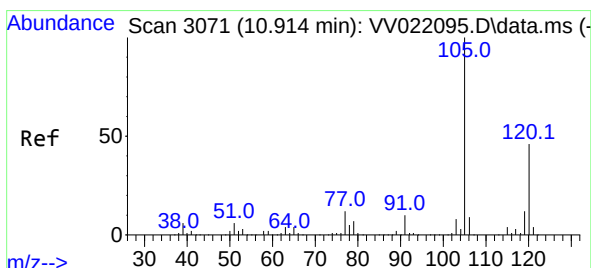
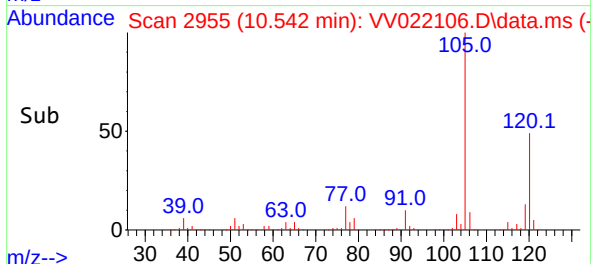
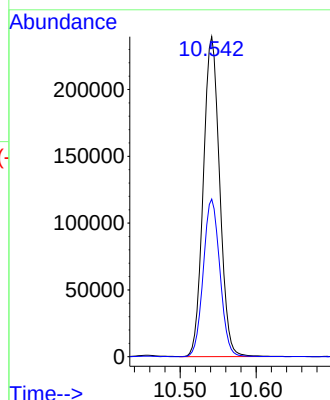
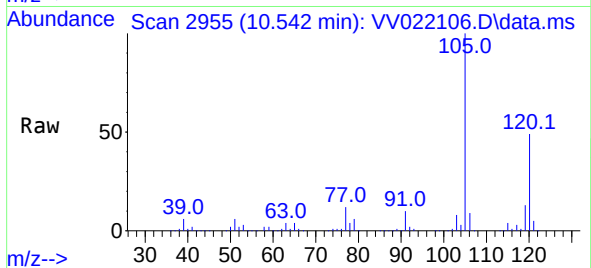




#62
1,3,5-Trimethylbenzene
Concen: 39.530 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

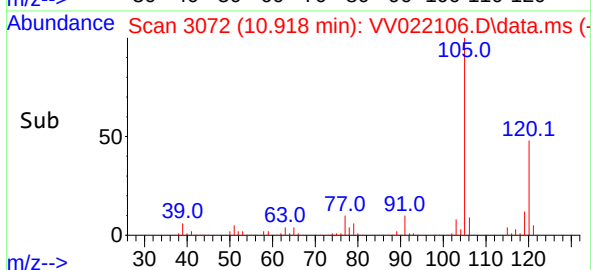
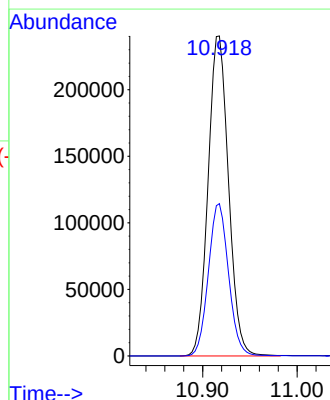
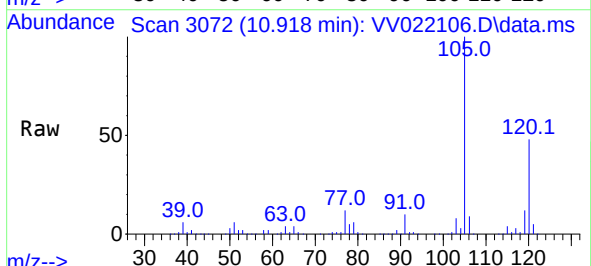
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

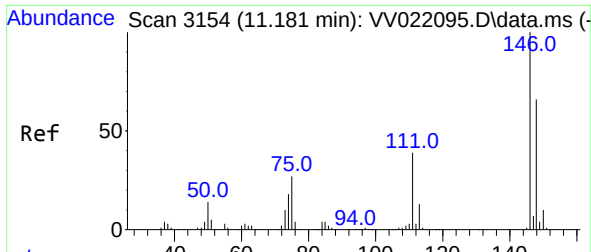
Tgt Ion:105 Resp: 357918
Ion Ratio Lower Upper
105 100
120 49.9 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 39.203 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:105 Resp: 360784
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.0

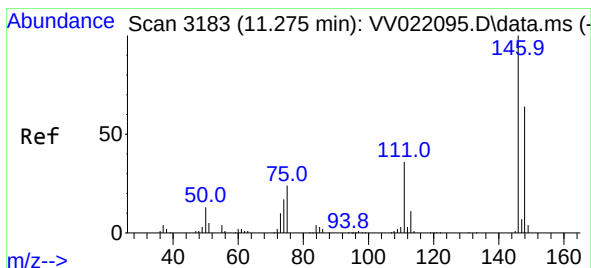
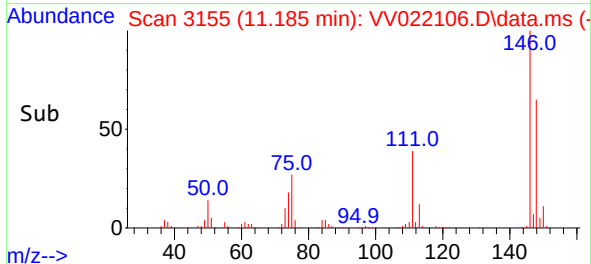
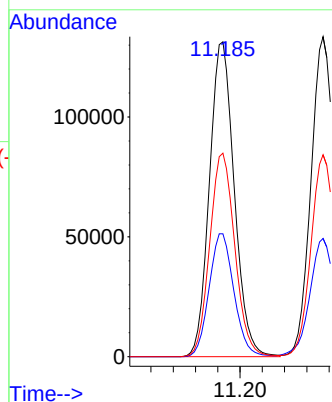
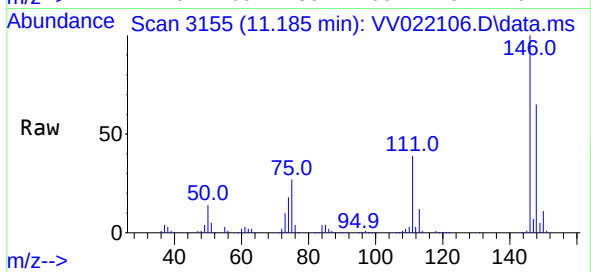




#64
1,3-Dichlorobenzene
Concen: 37.143 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

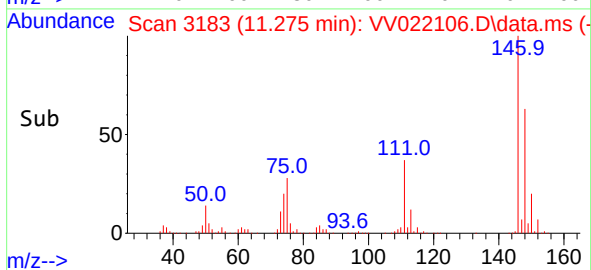
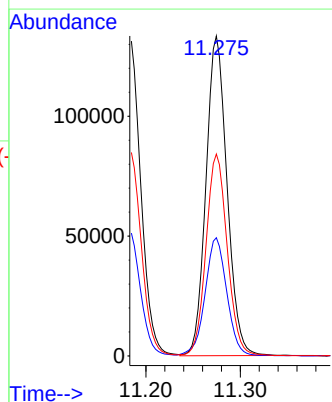
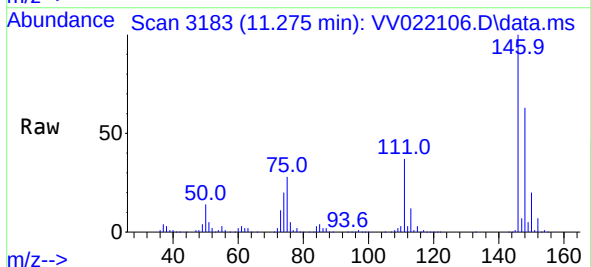
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

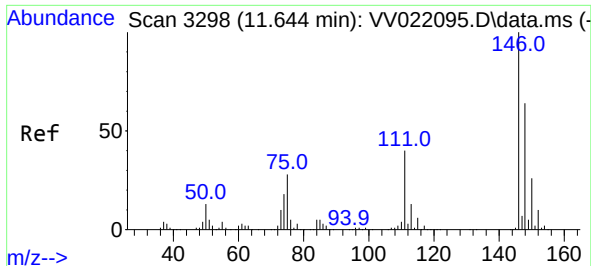
Tgt Ion:146 Resp: 203390
Ion Ratio Lower Upper
146 100
111 39.0 26.9 50.1
148 64.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 36.793 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:146 Resp: 206162
Ion Ratio Lower Upper
146 100
111 37.0 25.3 46.9
148 63.1 44.4 82.5

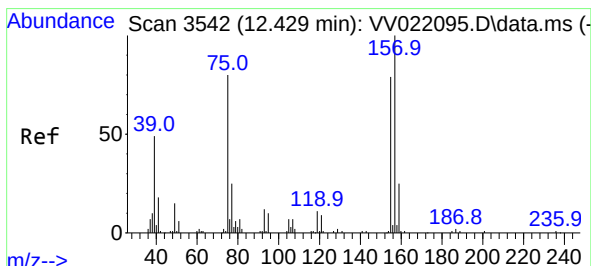
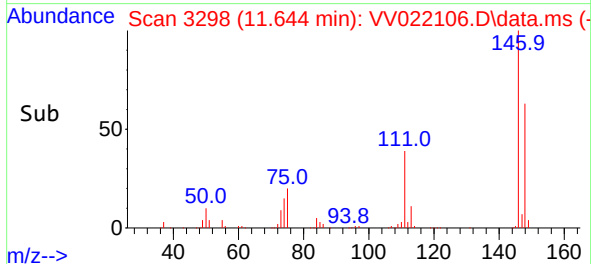
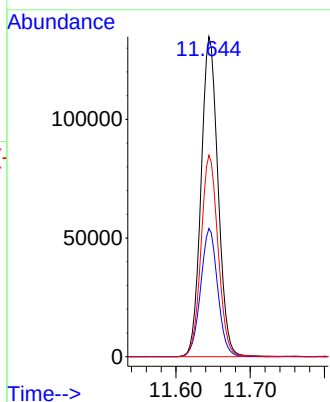
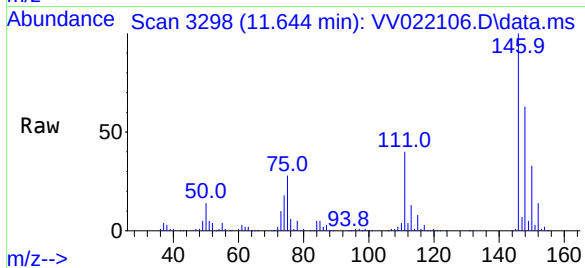




#67
1,2-Dichlorobenzene
Concen: 39.198 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

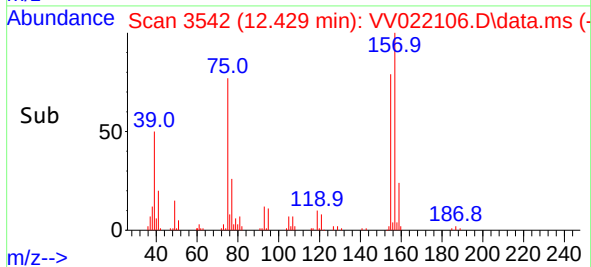
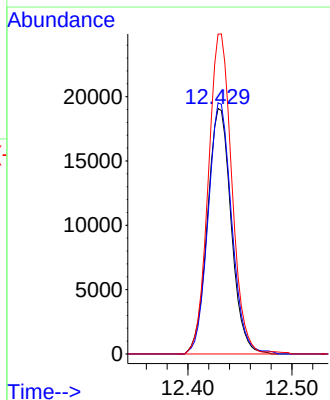
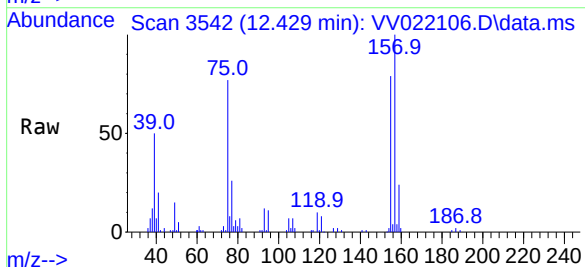
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

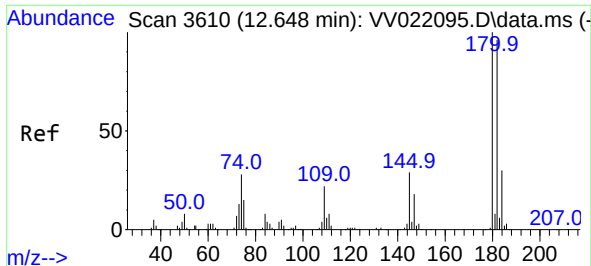
Tgt Ion:146 Resp: 213126
Ion Ratio Lower Upper
146 100
111 40.0 31.6 47.4
148 62.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 42.082 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

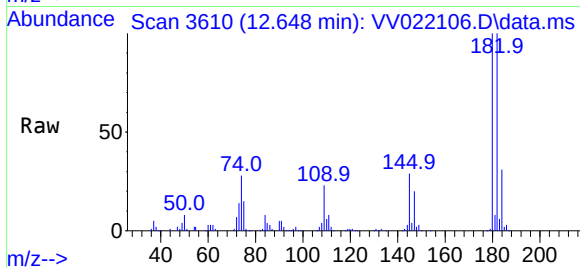
Tgt Ion: 75 Resp: 30170
Ion Ratio Lower Upper
75 100
155 102.3 79.8 119.6
157 130.3 98.3 147.5



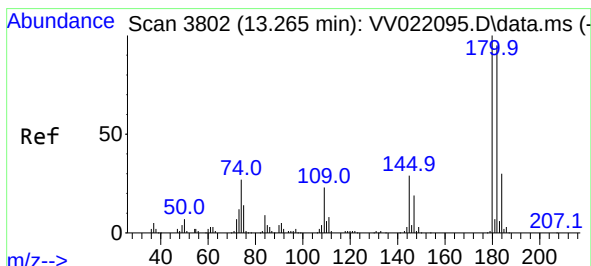
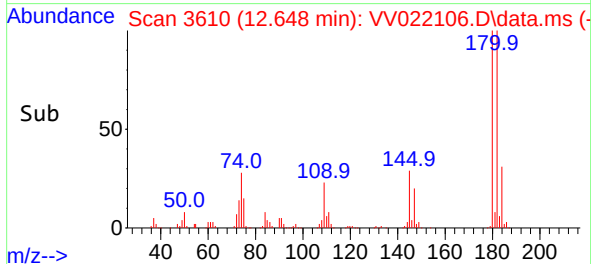
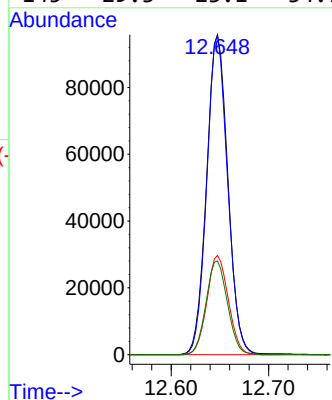


#69
1,3,5-Trichlorobenzene
Concen: 35.639 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

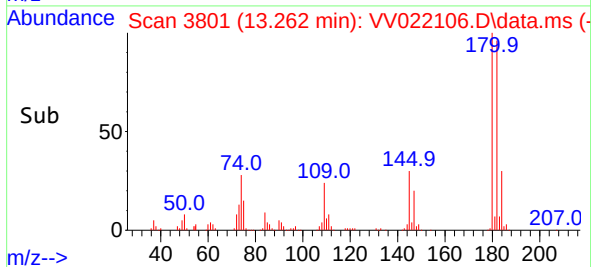
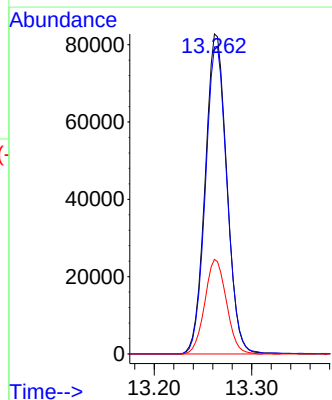
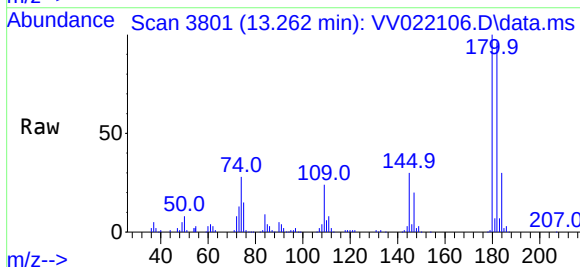


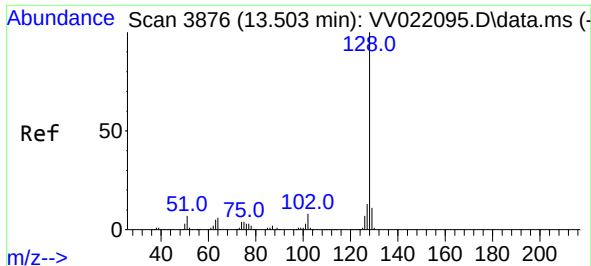
Tgt Ion:	180	Resp:	145925
Ion Ratio	Lower	Upper	
180	100		
182	97.5	76.4	114.6
184	31.1	24.0	36.0
145	29.3	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 35.492 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:	180	Resp:	127839
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.9	113.9
145	29.5	23.8	35.6

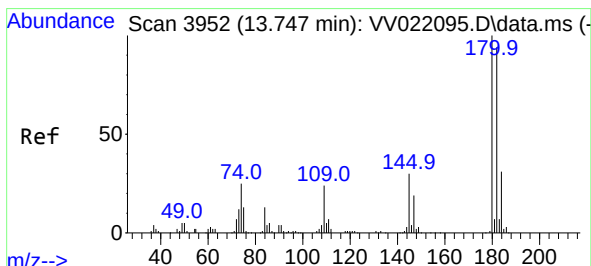
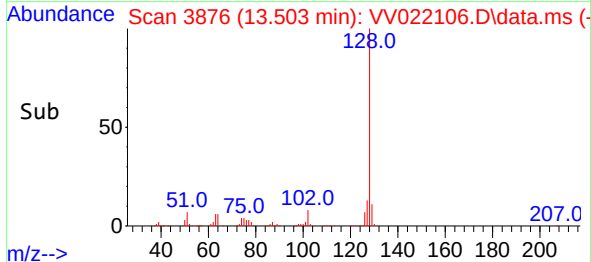
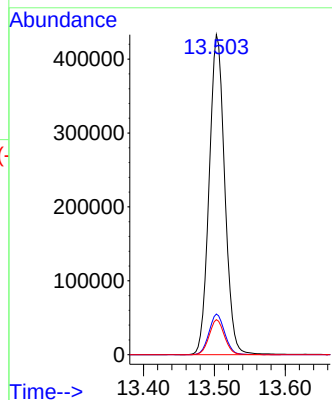
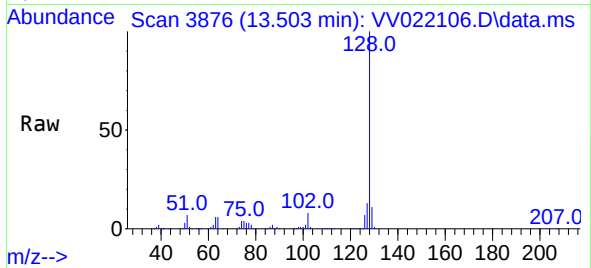




#71
Naphthalene
Concen: 63.715 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MS

Tgt Ion:128 Resp: 660166
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 39.157 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV022106.D
Acq: 07 Sep 2021 16:36

Tgt Ion:180 Resp: 137567
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 31.8 25.4 38.0

