

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031940.D
 Acq On : 28 Aug 2023 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 13:49:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 26 00:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	270214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	259522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	140518	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78799	46.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.200%
7) Chloroethane-d5	1.532	69	67491	45.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.060	65	34365	43.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.800%
21) 2-Butanone-d5	3.796	46	127736	96.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.040%
24) Chloroform-d	4.252	84	164827	44.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
26) 1,2-Dichloroethane-d4	4.944	65	102706	41.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
32) Benzene-d6	4.963	84	317258	44.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.992	67	106669	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.246	98	276846	42.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.860%
43) trans-1,3-Dichloroprop...	7.555	79	52925	44.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
47) 2-Hexanone-d5	8.030	63	68140	97.537	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	142939	48.529	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	11.564	152	110543	43.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	79335	48.228	ug/L	98
3) Chloromethane	1.217	50	83926	50.033	ug/L	99
5) Vinyl chloride	1.285	62	88070	49.163	ug/L	100
6) Bromomethane	1.490	94	47054	44.611	ug/L	99
8) Chloroethane	1.548	64	56664	47.596	ug/L	98
9) Trichlorofluoromethane	1.716	101	119542	45.778	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74693	47.373	ug/L	100
12) 1,1-Dichloroethene	2.072	96	64746	45.718	ug/L	87
13) Acetone	2.124	43	142103	120.039	ug/L	99
14) Carbon disulfide	2.243	76	161166	49.944	ug/L	100
15) Methyl Acetate	2.378	43	100407	47.557	ug/L	100
16) Methylene chloride	2.449	84	87724	48.203	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	73445	47.304	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	303852	46.306	ug/L	98
19) 1,1-Dichloroethane	3.114	63	167752	48.211	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	90813	46.621	ug/L	99
22) 2-Butanone	3.876	43	174400	111.334	ug/L	95
23) Bromochloromethane	4.150	128	44654	47.251	ug/L	97
25) Chloroform	4.278	83	164107	45.362	ug/L	98

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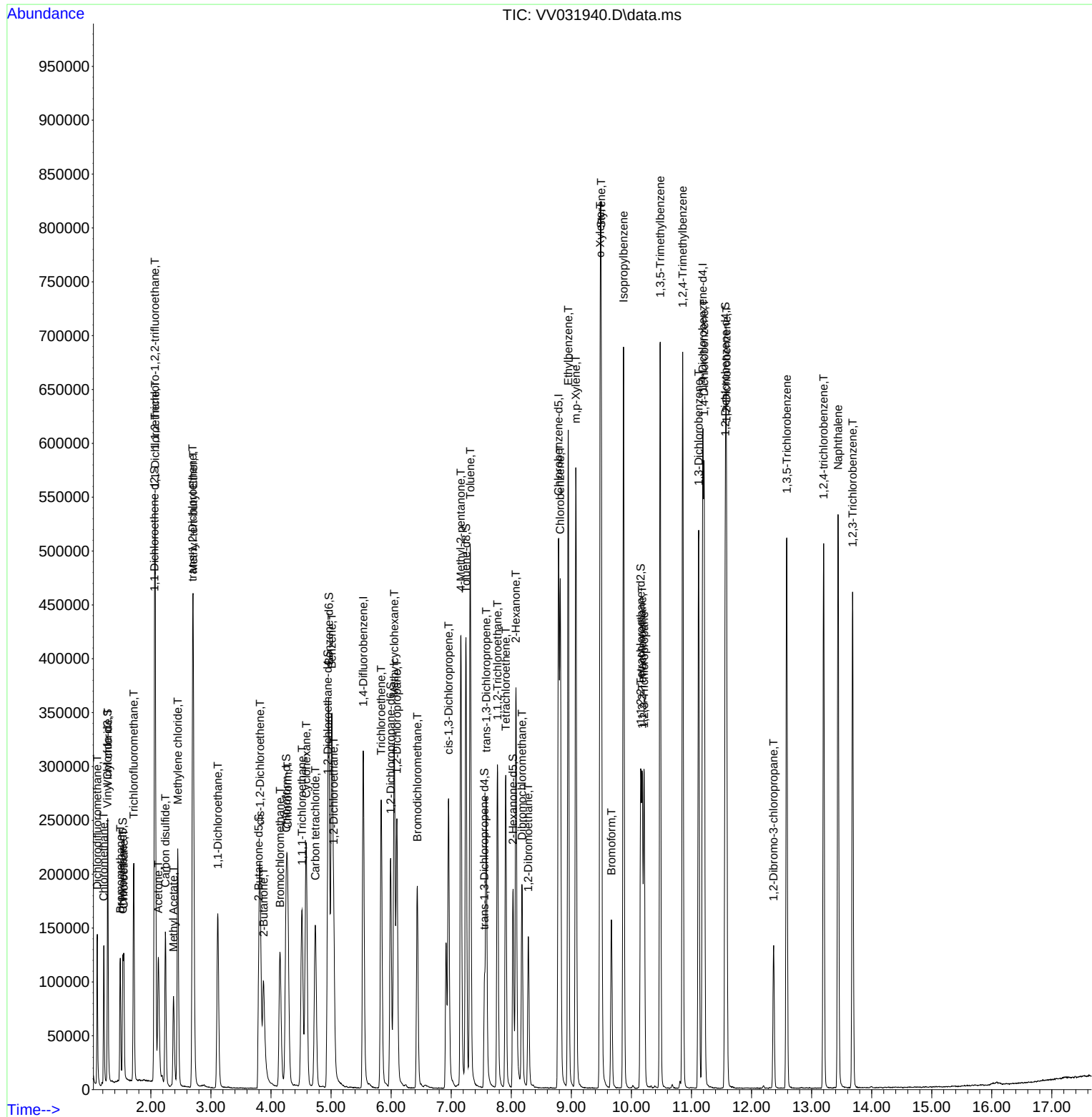
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	127230	44.640	ug/L	97
29) Cyclohexane	4.587	56	136645	50.569	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	139922	46.222	ug/L	100
31) Carbon tetrachloride	4.738	117	116517	45.330	ug/L	99
33) Benzene	5.011	78	342550	49.124	ug/L	100
34) Trichloroethene	5.834	95	95974	45.003	ug/L	99
35) Methylcyclohexane	6.053	83	141739	49.968	ug/L	99
37) 1,2-Dichloropropane	6.095	63	99456	50.319	ug/L	99
38) Bromodichloromethane	6.436	83	128148	45.678	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	164366	47.831	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	295252	94.116	ug/L	100
42) Toluene	7.317	91	366098	47.728	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	154056	46.660	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	95069	47.610	ug/L	99
46) Tetrachloroethene	7.908	164	63224	47.215	ug/L	97
48) 2-Hexanone	8.079	43	246957	103.083	ug/L	99
49) Dibromochloromethane	8.178	129	97410	47.472	ug/L	99
50) 1,2-Dibromoethane	8.284	107	95224	45.530	ug/L	99
51) Chlorobenzene	8.815	112	239483	46.986	ug/L	99
52) Ethylbenzene	8.950	91	427006	46.995	ug/L	99
53) m,p-Xylene	9.075	106	158806	47.072	ug/L	97
54) o-Xylene	9.481	106	158262	47.167	ug/L	98
55) Styrene	9.497	104	278449	46.943	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	139017	49.179	ug/L	99
59) Bromoform	9.667	173	69249	47.524	ug/L	99
60) Isopropylbenzene	9.870	105	436719	46.402	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	118674	44.702	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	362791	45.818	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	365209	45.850	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	196463	46.577	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	200382	46.720	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	192081	45.956	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	34241	42.939	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	142969	46.495	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	138150	46.806	ug/L	99
71) Naphthalene	13.442	128	394371	41.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	128827	45.550	ug/L	99

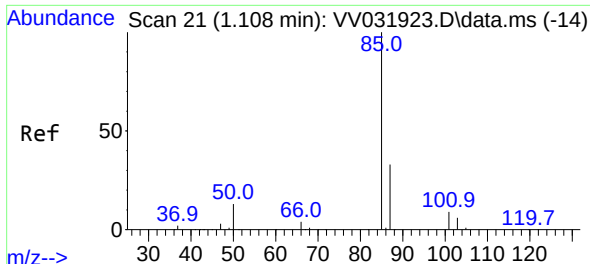
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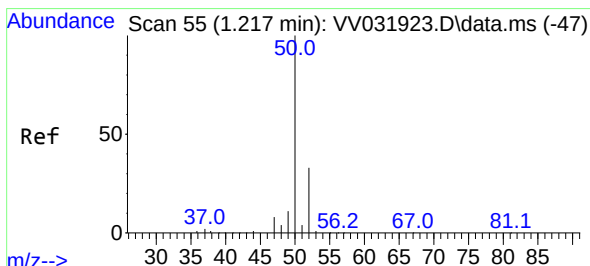
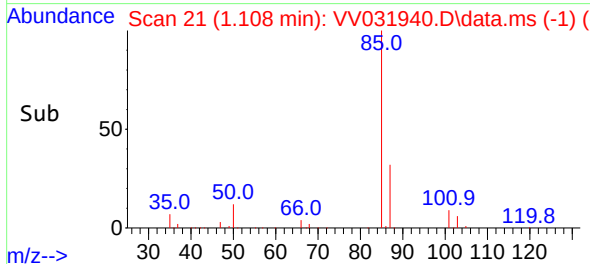
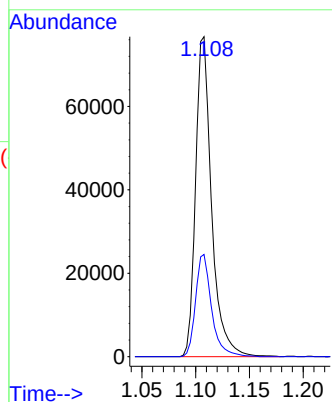
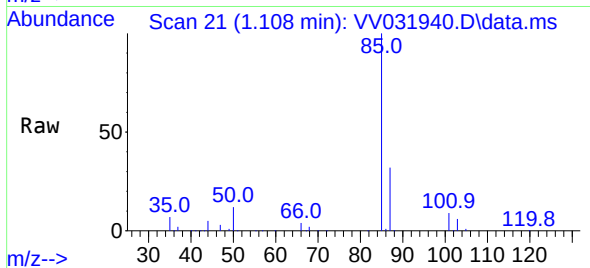




#2
Dichlorodifluoromethane
Concen: 48.228 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

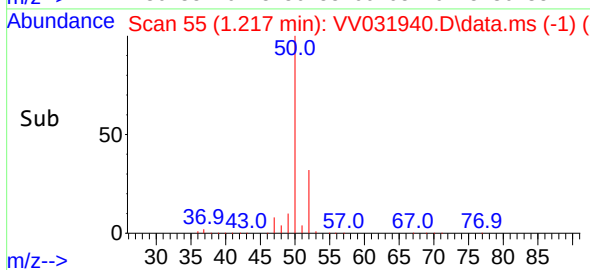
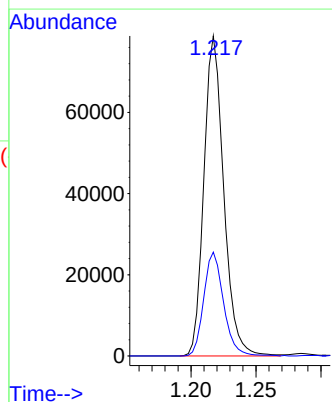
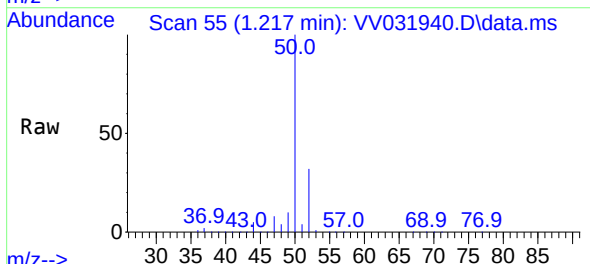
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ClientSampleId :

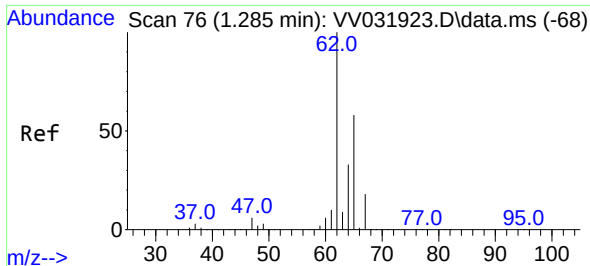
Tgt Ion: 85 Resp: 79335
Ion Ratio Lower Upper
85 100
87 32.1 26.8 40.2



#3
Chloromethane
Concen: 50.033 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 50 Resp: 83926
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6

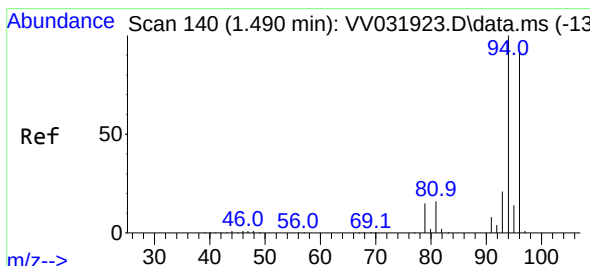
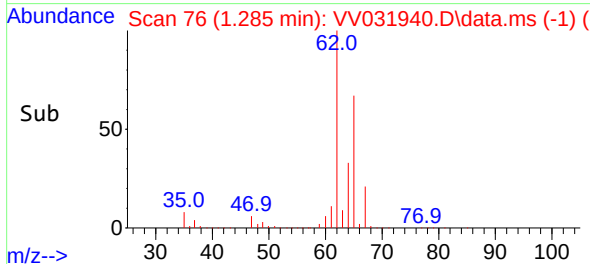
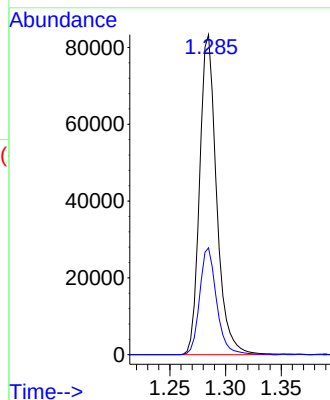
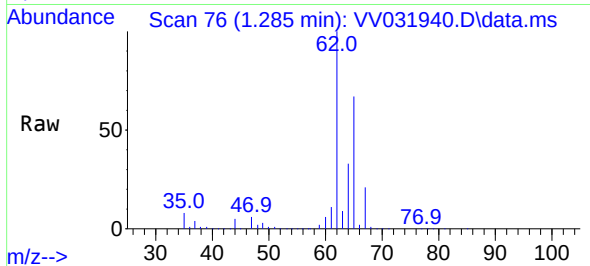




#5
 Vinyl chloride
 Concen: 49.163 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV031940.D
 Acq: 28 Aug 2023 11:24

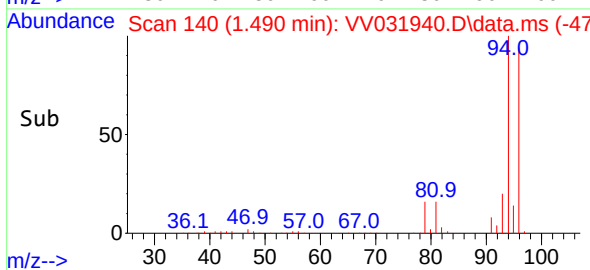
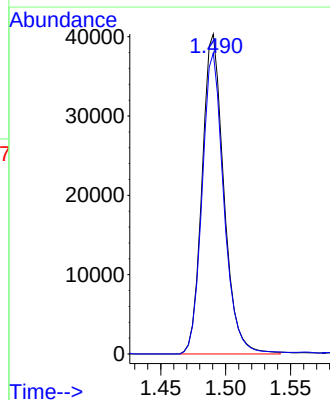
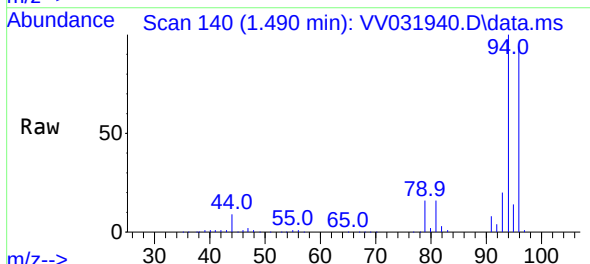
Instrument :
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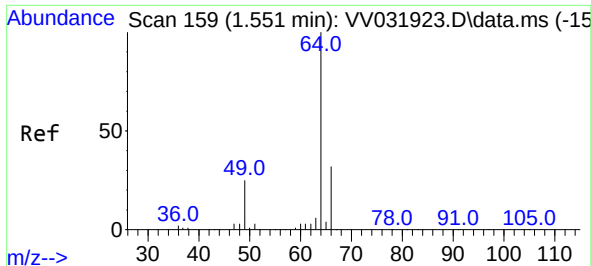
Tgt Ion: 62 Resp: 88070
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 44.611 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031940.D
 Acq: 28 Aug 2023 11:24

Tgt Ion: 94 Resp: 47054
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.4 123.4

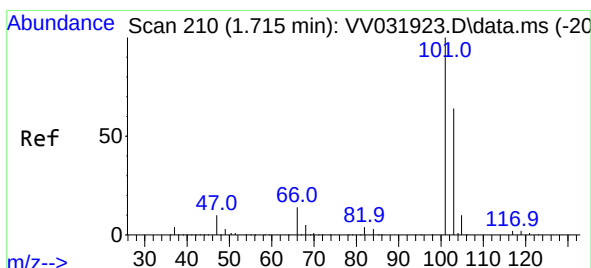
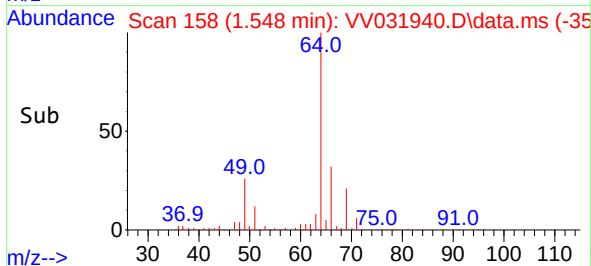
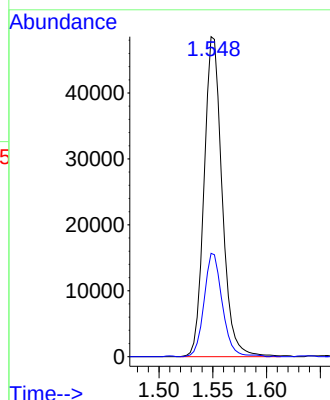
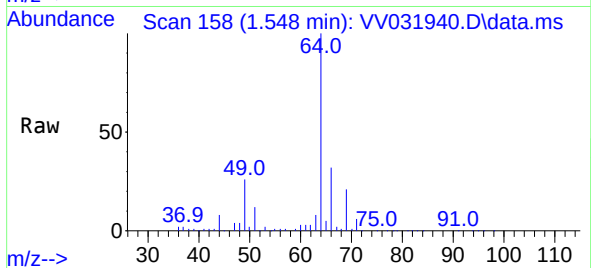




#8
Chloroethane
Concen: 47.596 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

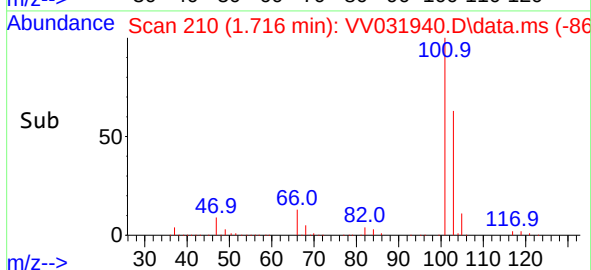
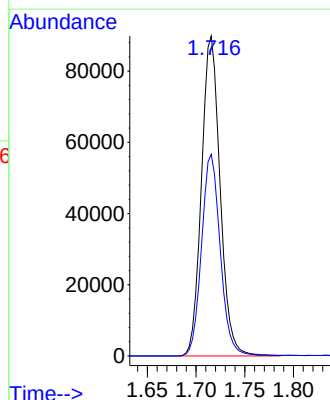
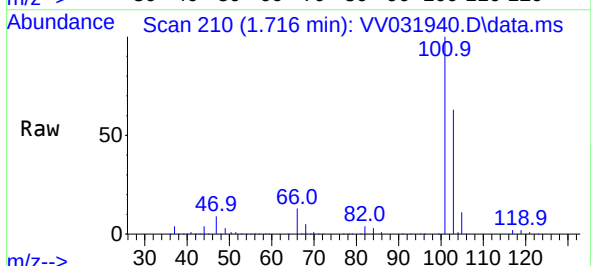
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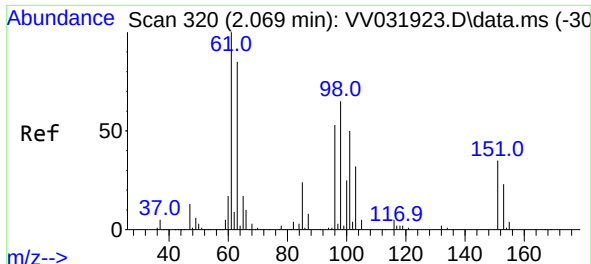
Tgt Ion: 64 Resp: 56664
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.778 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:101 Resp: 119542
Ion Ratio Lower Upper
101 100
103 63.3 51.9 77.9

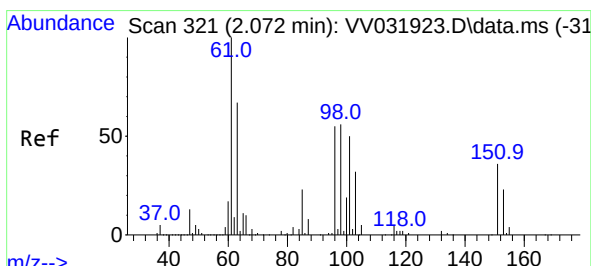
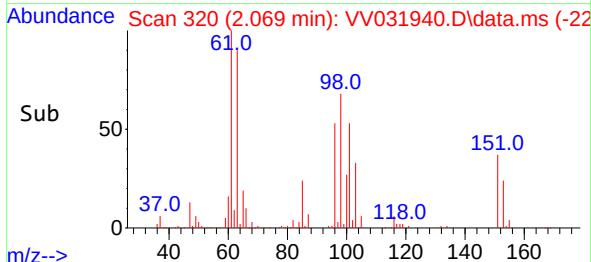
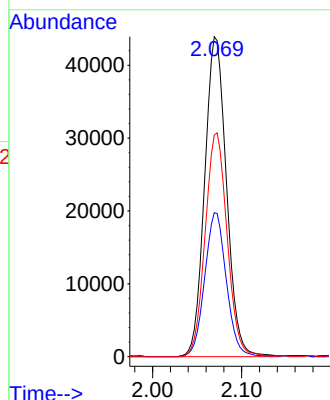
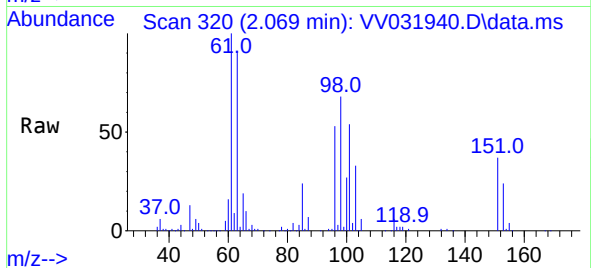




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.373 ug/L
RT: 2.069 min Scan# 310
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

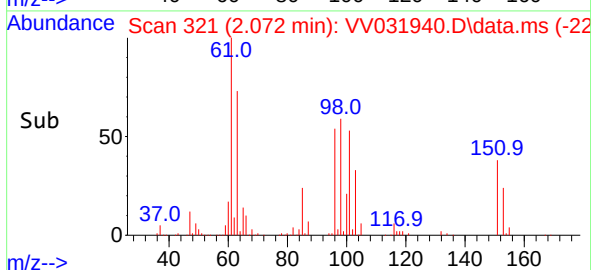
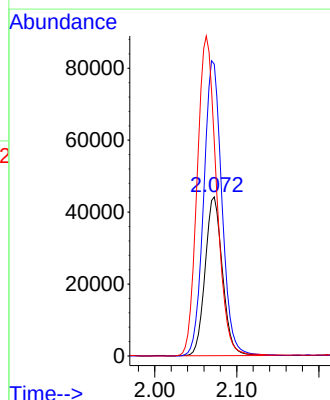
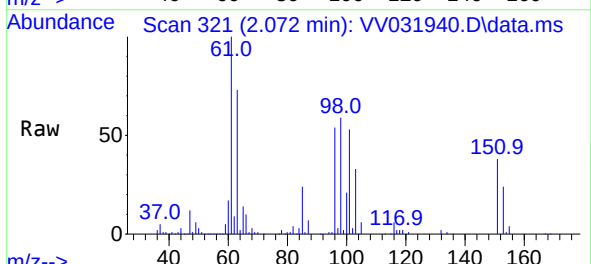
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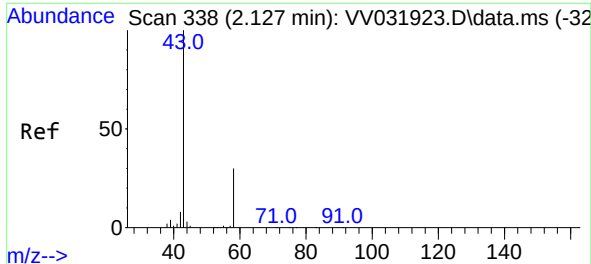
Tgt Ion:101 Resp: 74693
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.8
151 70.5 56.5 84.7



#12
1,1-Dichloroethene
Concen: 45.718 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 96 Resp: 64746
Ion Ratio Lower Upper
96 100
61 183.5 133.8 248.6
63 134.7 115.2 214.0





#13

Acetone

Concen: 120.039 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

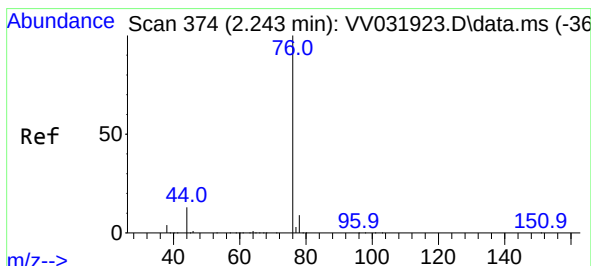
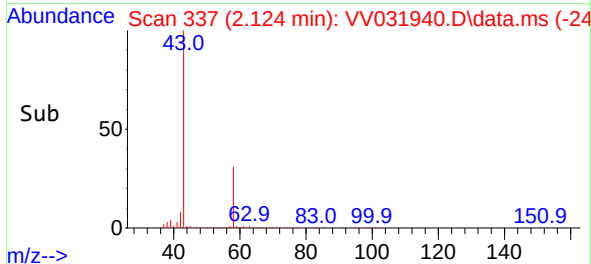
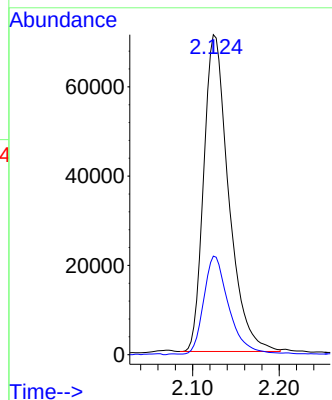
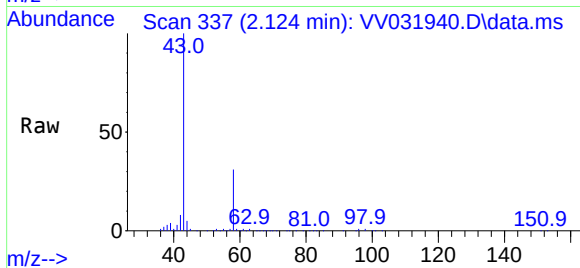
ClientSampleId :

Tgt Ion: 43 Resp: 142103

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.0



#14

Carbon disulfide

Concen: 49.944 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031940.D

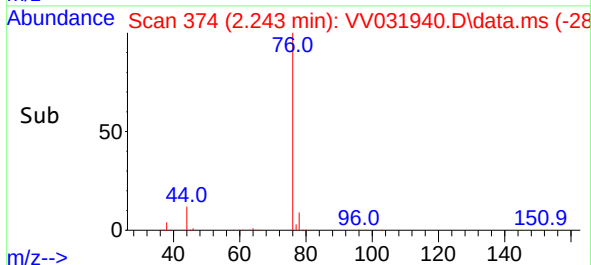
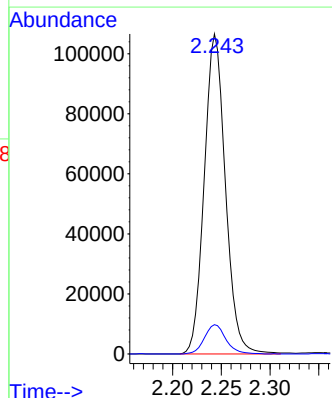
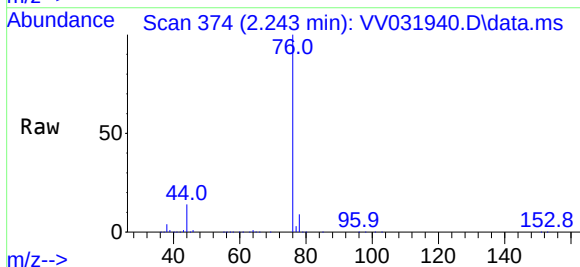
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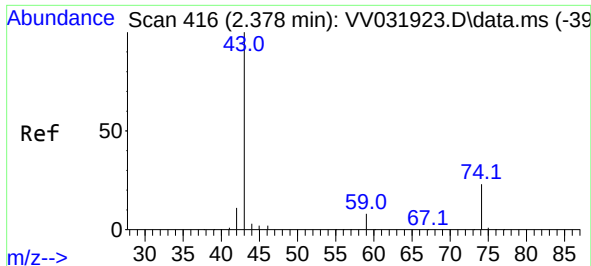
Tgt Ion: 76 Resp: 161166

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

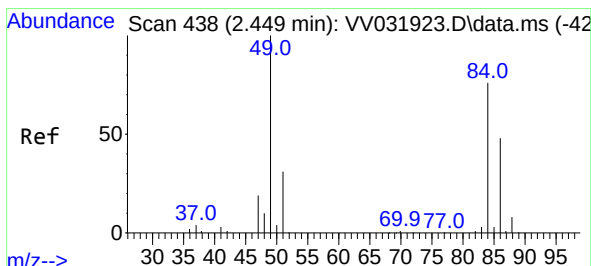
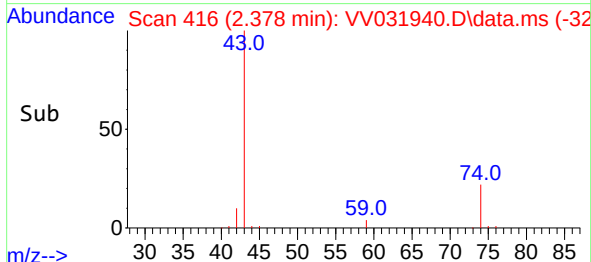
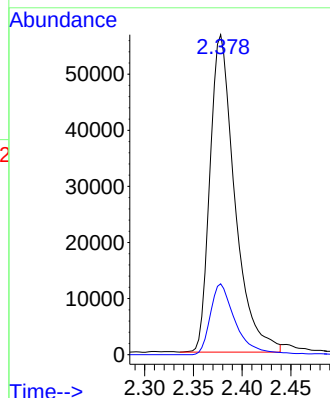
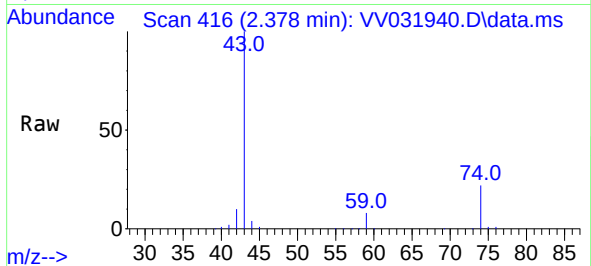




#15
Methyl Acetate
Concen: 47.557 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

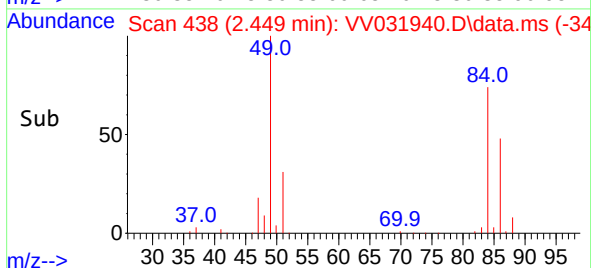
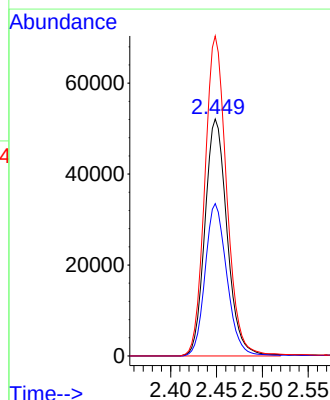
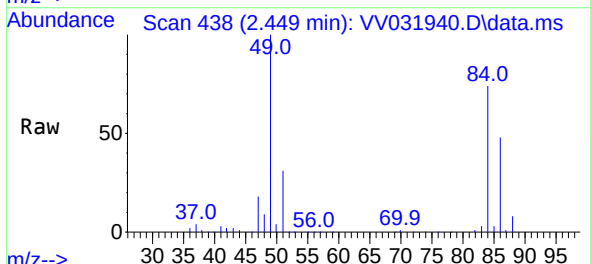
Instrument :
MSVOA_V
ClientSampleId :

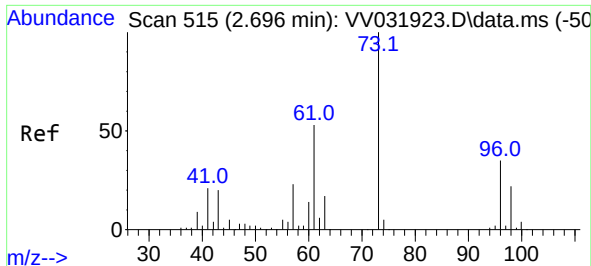
Tgt Ion: 43 Resp: 100407
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9



#16
Methylene chloride
Concen: 48.203 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 84 Resp: 87724
Ion Ratio Lower Upper
84 100
86 64.2 44.6 82.8
49 135.0 91.6 170.2





#17

trans-1,2-Dichloroethene

Concen: 47.304 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

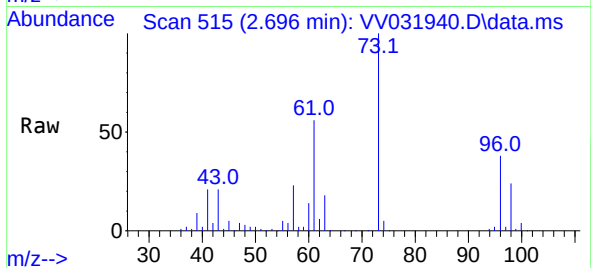
Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

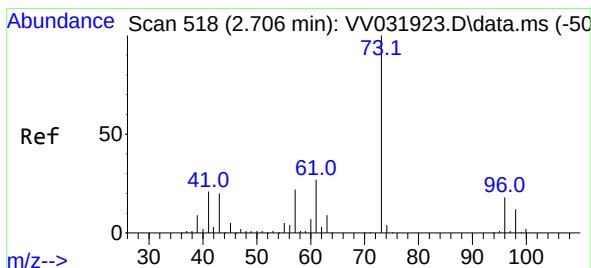
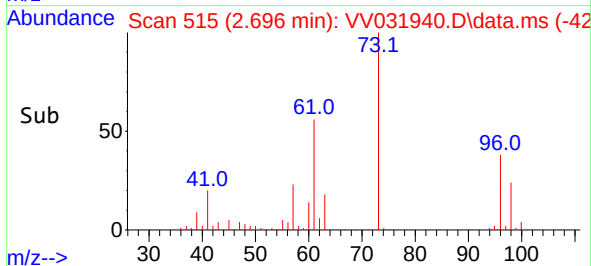
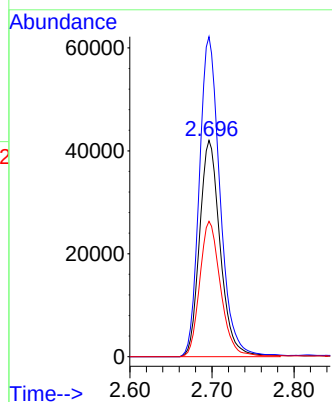
MSVOA_V

ClientSampleId :



Tgt Ion: 96 Resp: 73445

Ion	Ratio	Lower	Upper
96	100		
61	148.0	107.3	199.3
98	62.6	46.3	85.9



#18

Methyl tert-butyl Ether

Concen: 46.306 ug/L

RT: 2.706 min Scan# 518

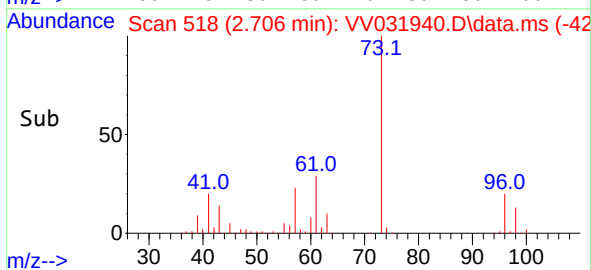
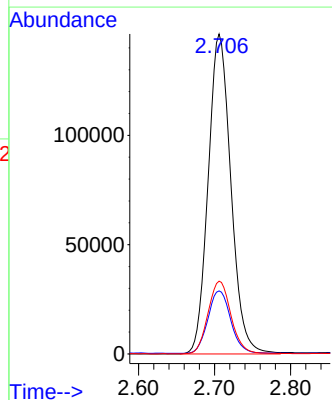
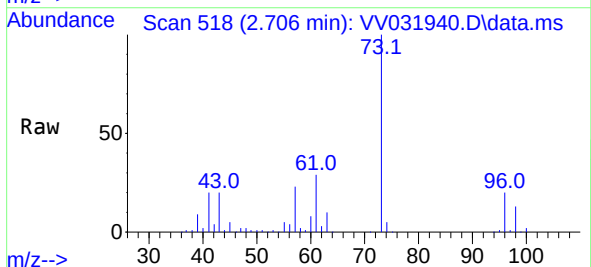
Delta R.T. 0.000 min

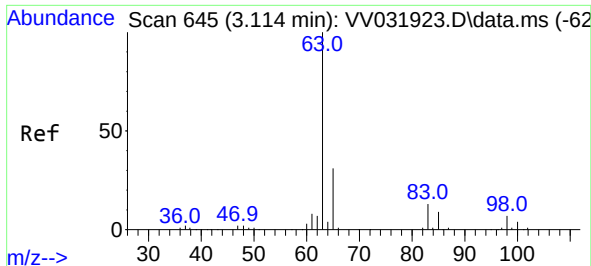
Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Tgt Ion: 73 Resp: 303852

Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.6	25.0
57	23.0	17.6	26.4

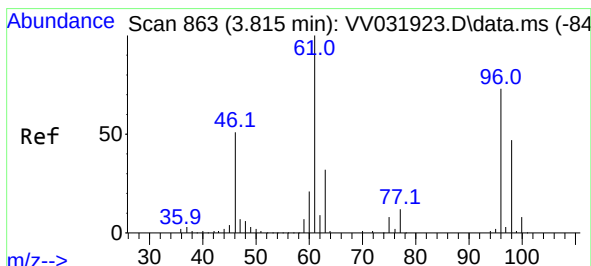
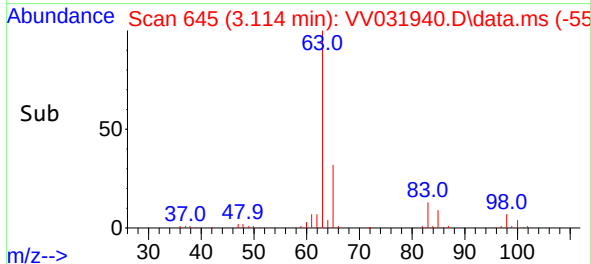
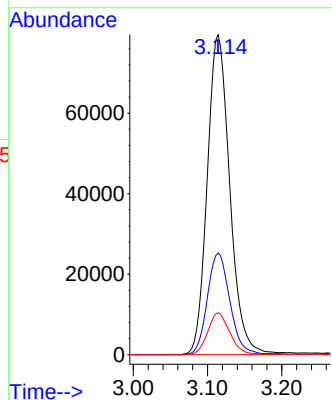
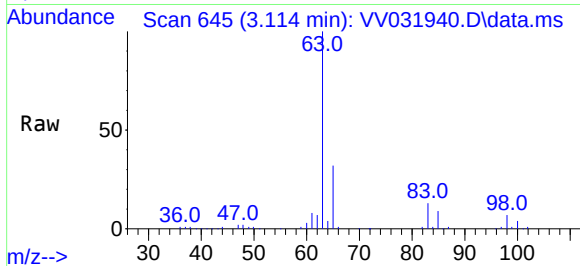




#19
1,1-Dichloroethane
Concen: 48.211 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

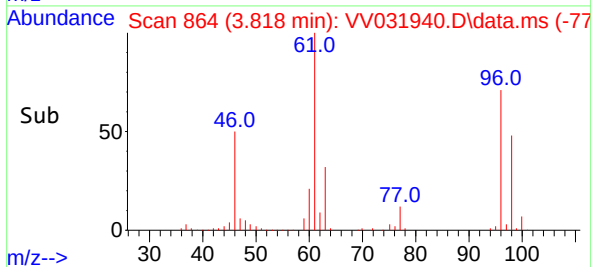
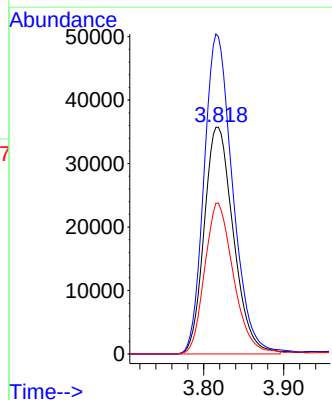
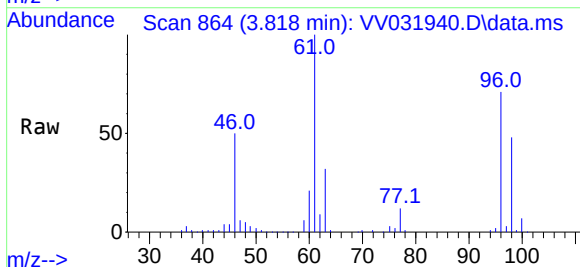
Instrument :
MSVOA_V
ClientSampleId :

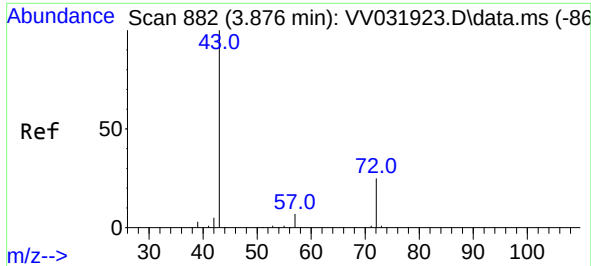
Tgt Ion: 63 Resp: 167752
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 13.1 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 46.621 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 96 Resp: 90813
Ion Ratio Lower Upper
96 100
61 139.9 97.3 180.7
98 66.5 45.3 84.1

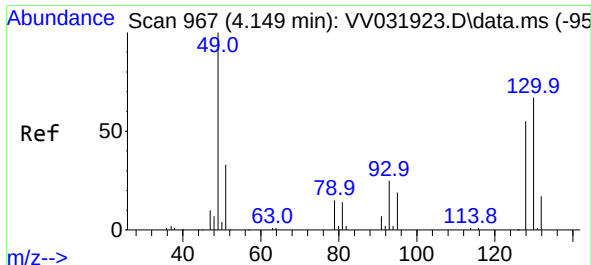
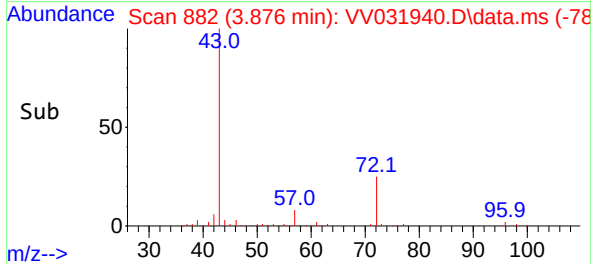
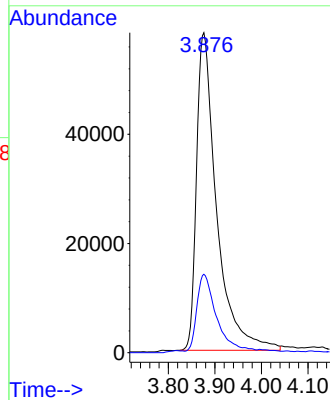
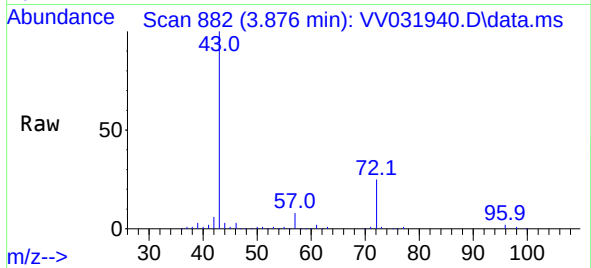




#22
2-Butanone
Concen: 111.334 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

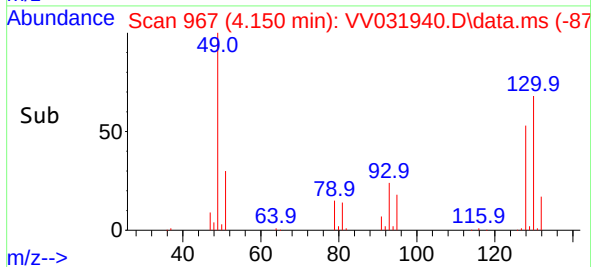
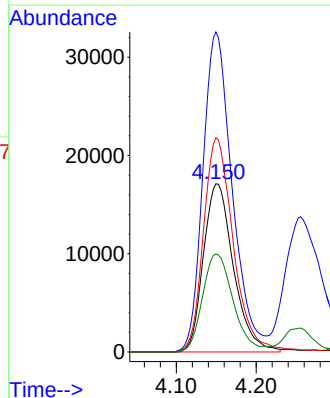
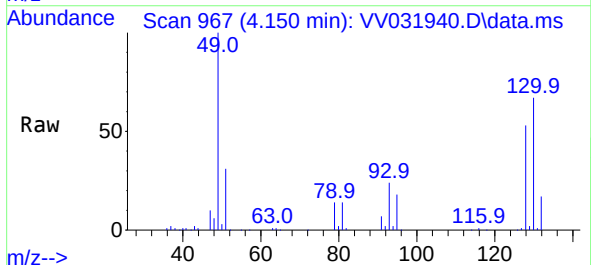
Instrument :
MSVOA_V
ClientSampleId :

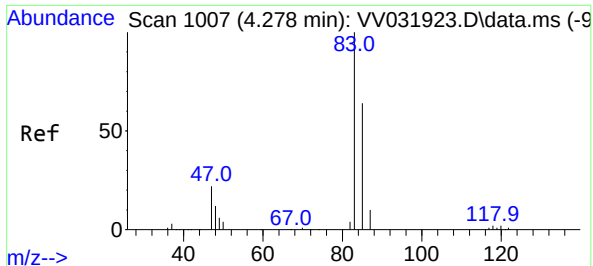
Tgt Ion: 43 Resp: 174400
Ion Ratio Lower Upper
43 100
72 22.8 12.6 37.8



#23
Bromochloromethane
Concen: 47.251 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:128 Resp: 44654
Ion Ratio Lower Upper
128 100
49 190.3 127.8 237.4
130 127.4 90.1 167.3
51 58.2 46.2 69.2





#25

Chloroform

Concen: 45.362 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

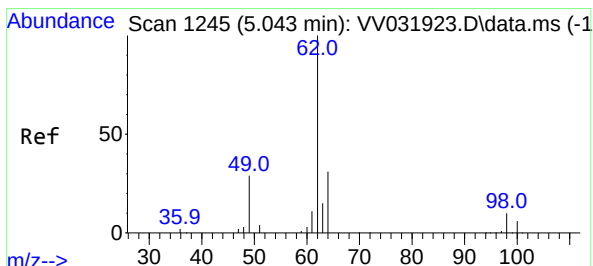
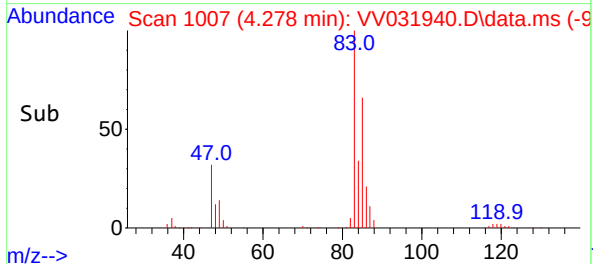
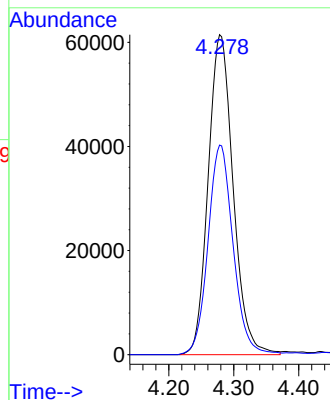
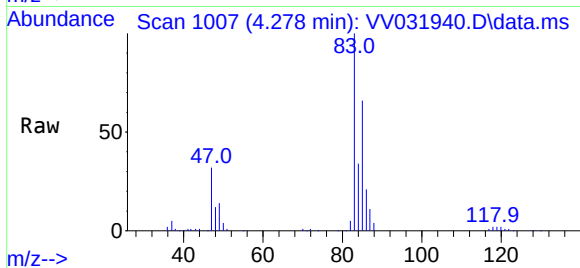
ClientSampleId :

Tgt Ion: 83 Resp: 164107

Ion Ratio Lower Upper

83 100

85 65.5 44.9 83.3



#27

1,2-Dichloroethane

Concen: 44.640 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV031940.D

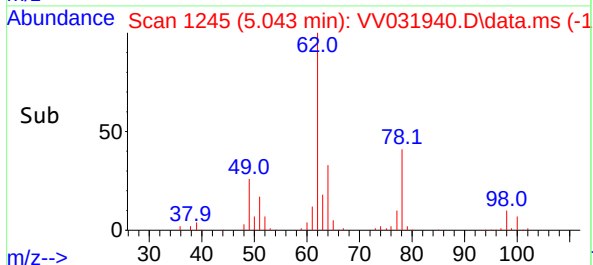
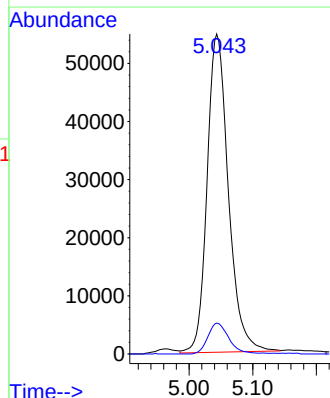
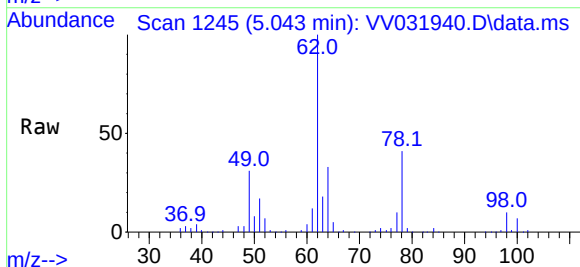
Acq: 28 Aug 2023 11:24

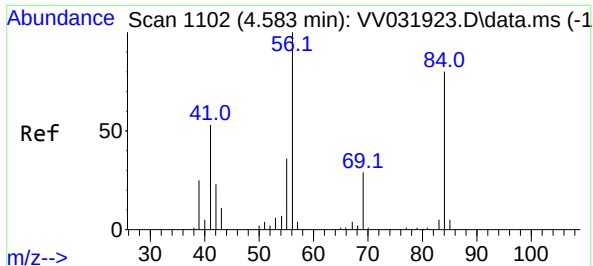
Tgt Ion: 62 Resp: 127230

Ion Ratio Lower Upper

62 100

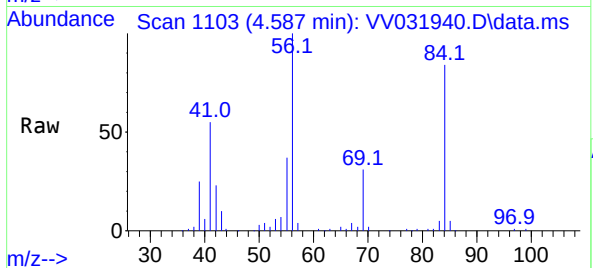
98 9.7 7.0 10.4



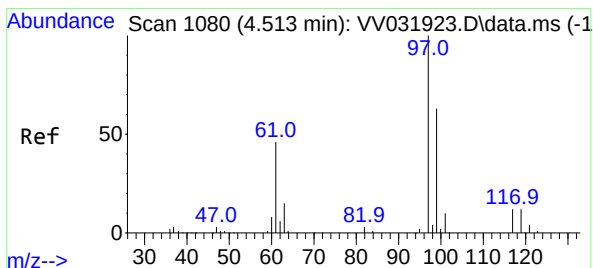
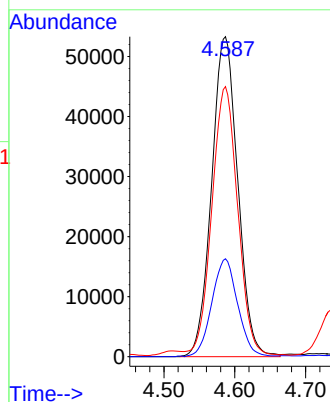
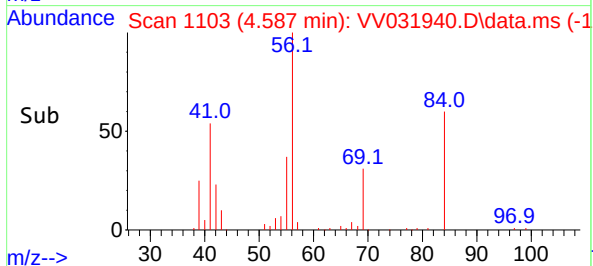


#29
Cyclohexane
Concen: 50.569 ug/L
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

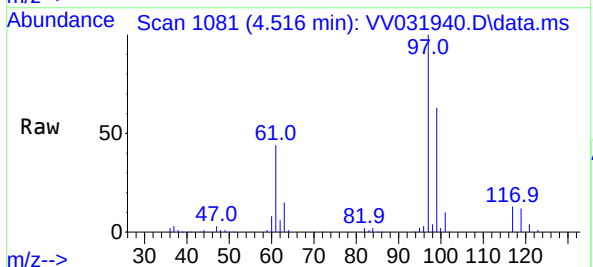
Instrument :
MSVOA_V
ClientSampleId :



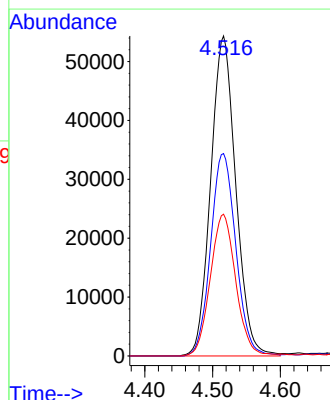
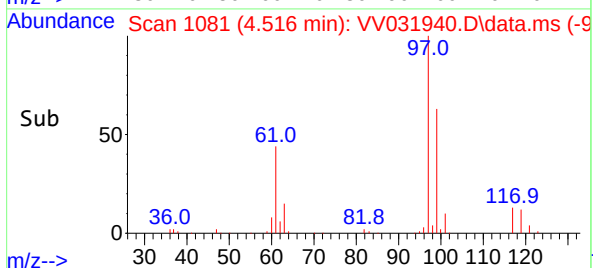
Tgt Ion: 56 Resp: 136645
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 82.7 67.5 101.3

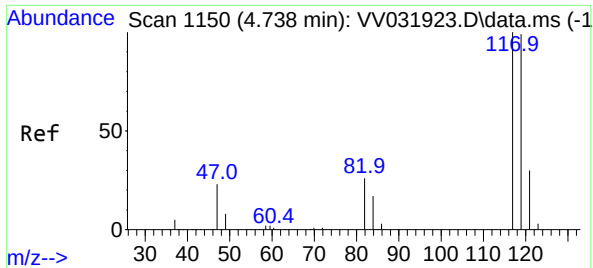


#30
1,1,1-Trichloroethane
Concen: 46.222 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24



Tgt Ion: 97 Resp: 139922
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 45.0 36.5 54.7

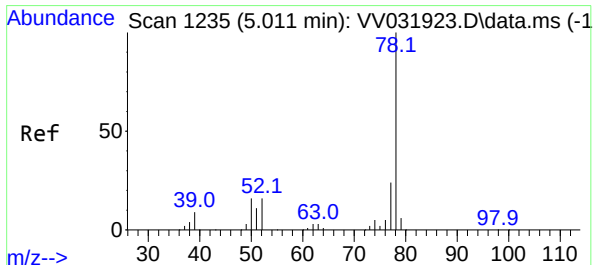
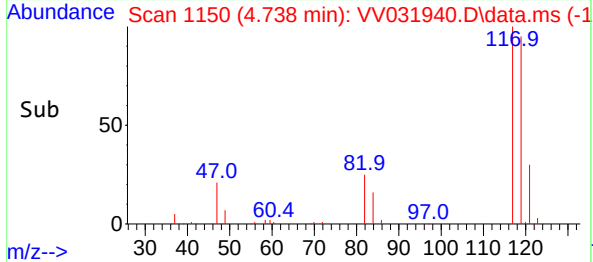
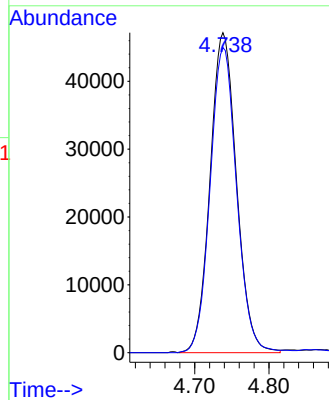
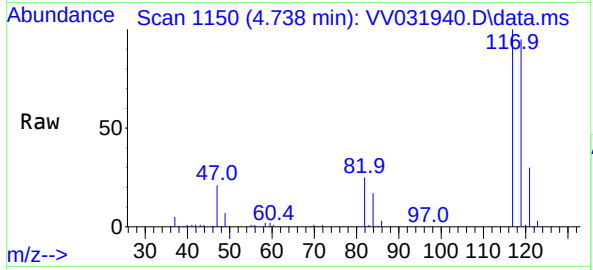




#31
Carbon tetrachloride
Concen: 45.330 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

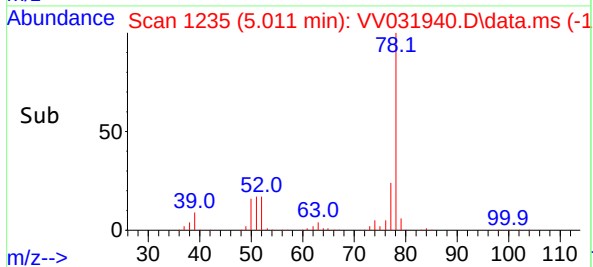
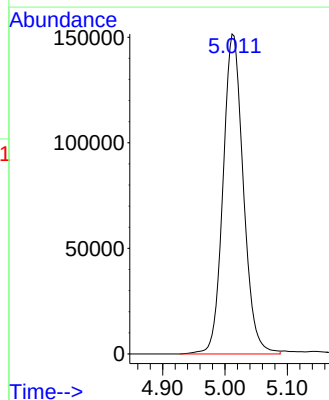
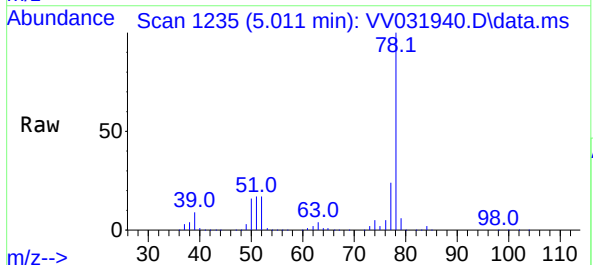
Instrument :
MSVOA_V
ClientSampleId :

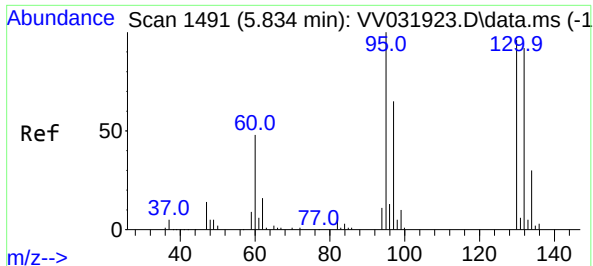
Tgt Ion:117 Resp: 116517
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.2



#33
Benzene
Concen: 49.124 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 78 Resp: 342550



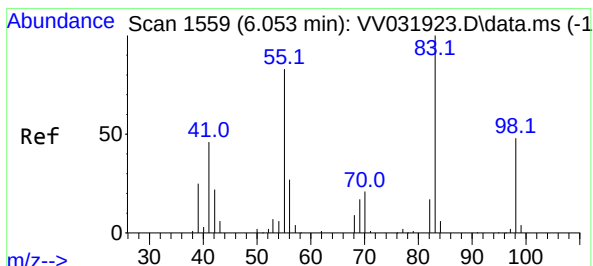
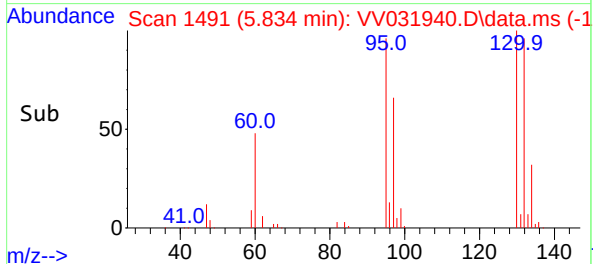
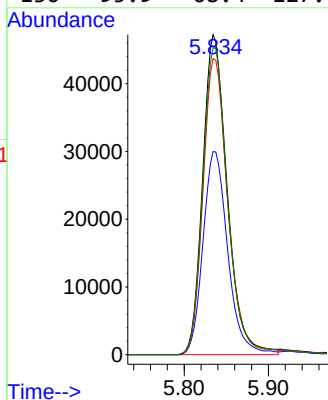
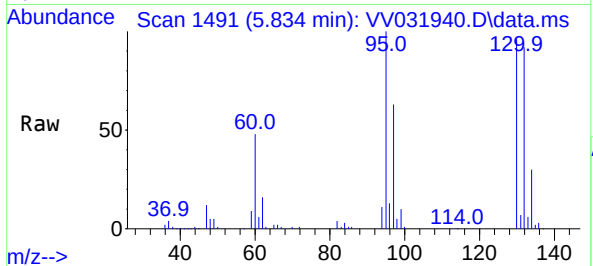


#34
Trichloroethene
Concen: 45.003 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 95974

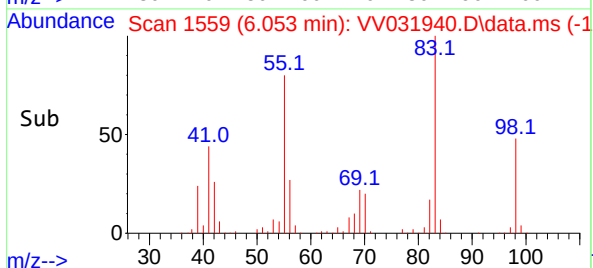
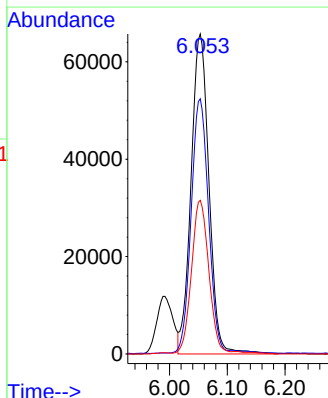
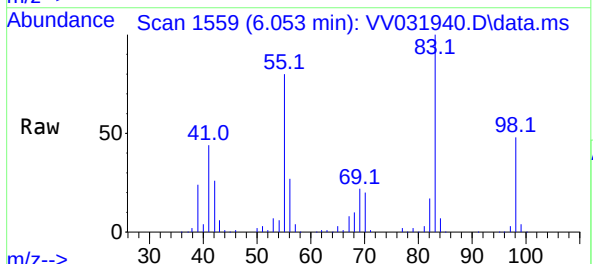
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.4	84.2
132	92.5	65.4	121.4
130	95.9	68.4	127.0

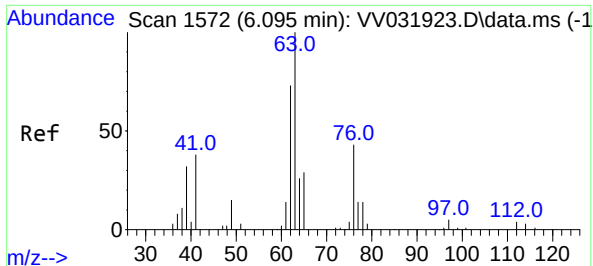


#35
Methylcyclohexane
Concen: 49.968 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 83 Resp: 141739

Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.2	93.2
98	45.9	36.7	55.1

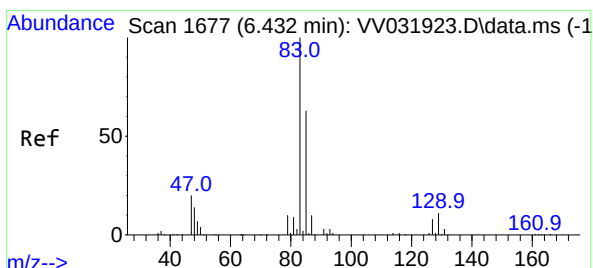
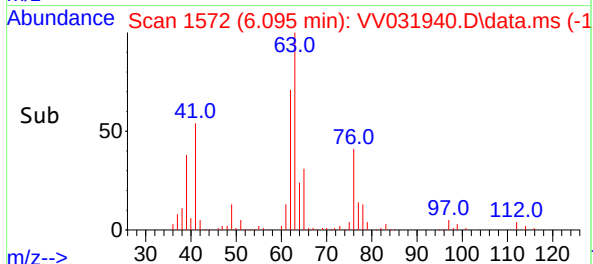
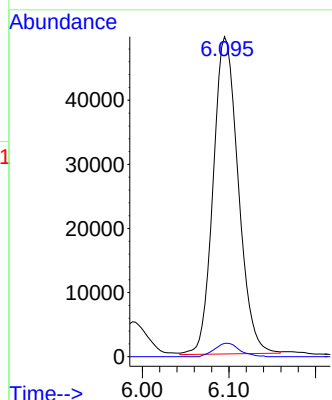
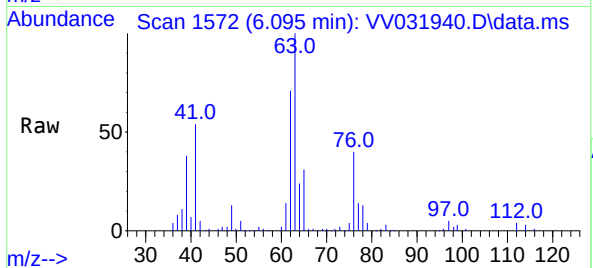




#37
1,2-Dichloropropane
Concen: 50.319 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

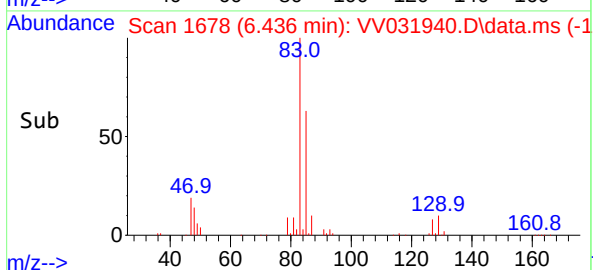
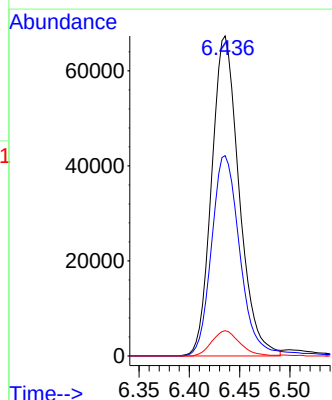
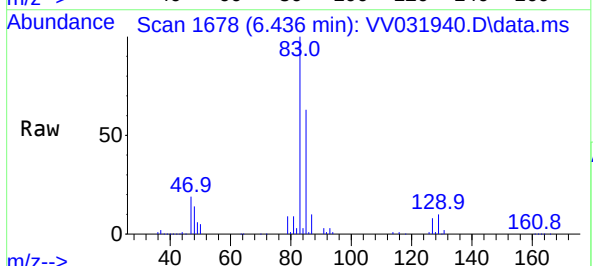
Instrument :
MSVOA_V
ClientSampleId :

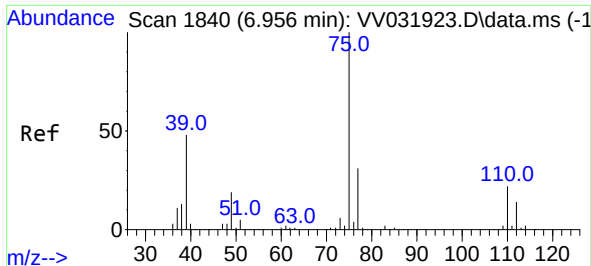
Tgt Ion: 63 Resp: 99456
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 45.678 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 83 Resp: 128148
Ion Ratio Lower Upper
83 100
85 62.6 45.2 84.0
127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 47.831 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

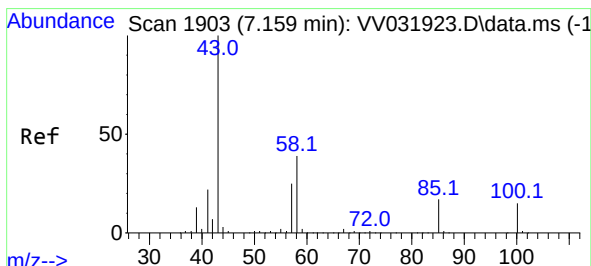
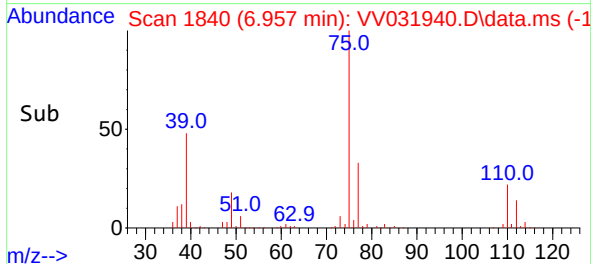
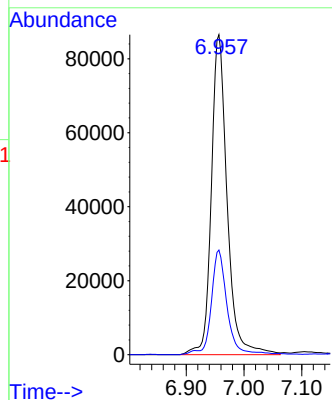
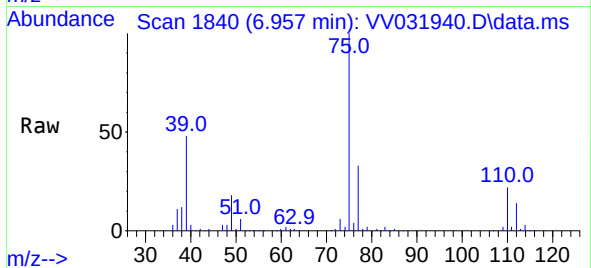
ClientSampleId :

Tgt Ion: 75 Resp: 164366

Ion Ratio Lower Upper

75 100

77 32.7 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 94.116 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

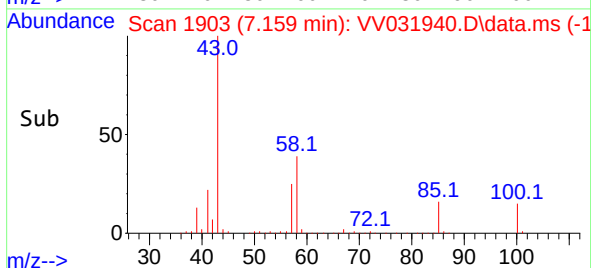
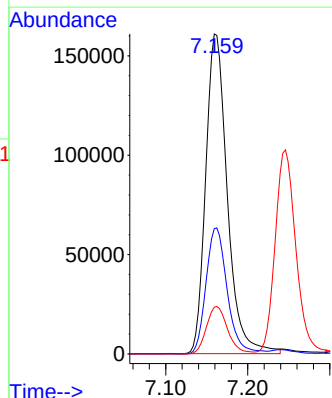
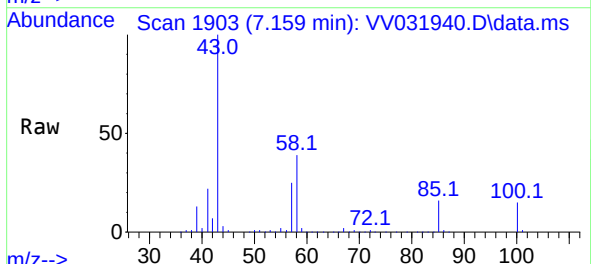
Tgt Ion: 43 Resp: 295252

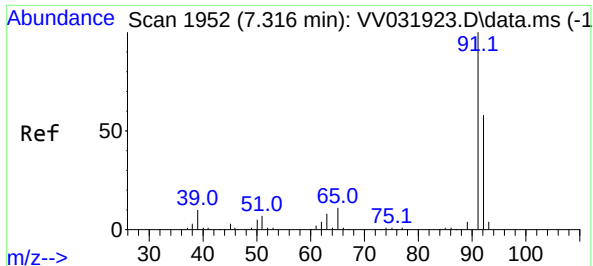
Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7

100 14.6 11.9 17.9





#42

Toluene

Concen: 47.728 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

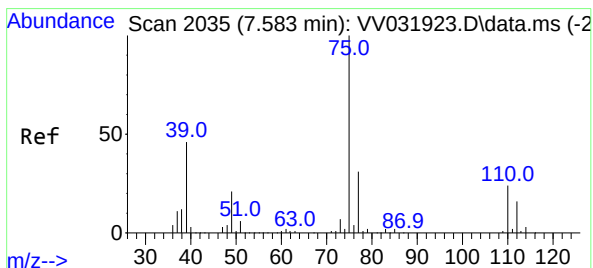
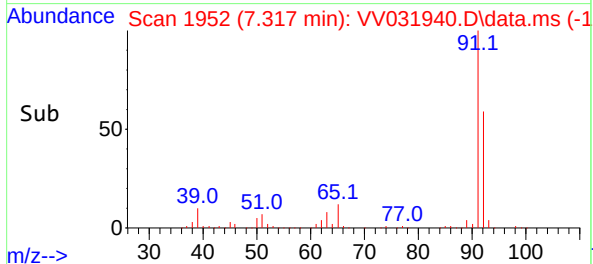
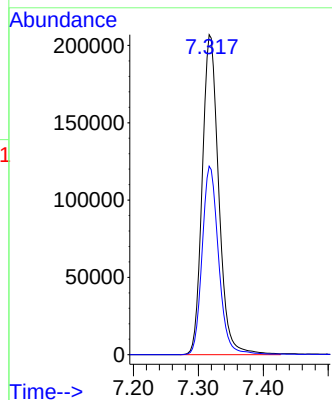
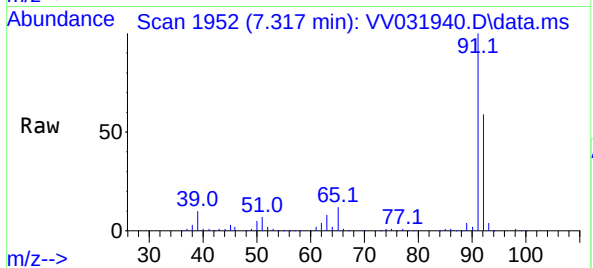
ClientSampleId :

Tgt Ion: 91 Resp: 366098

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 46.660 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031940.D

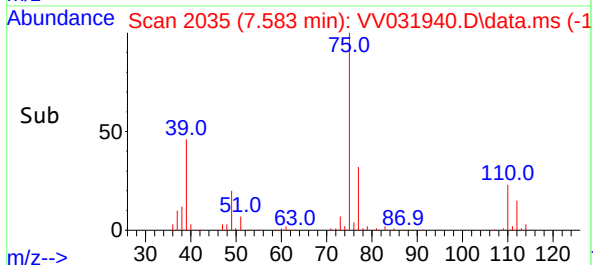
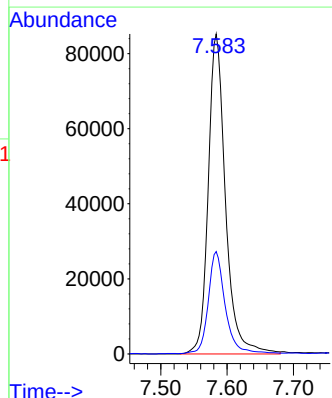
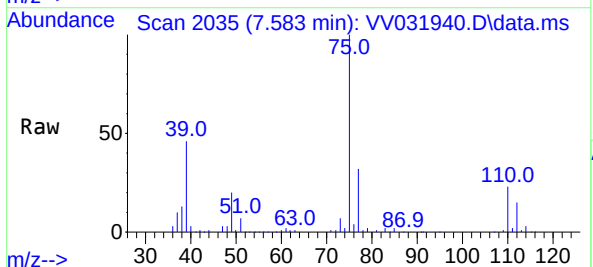
Acq: 28 Aug 2023 11:24

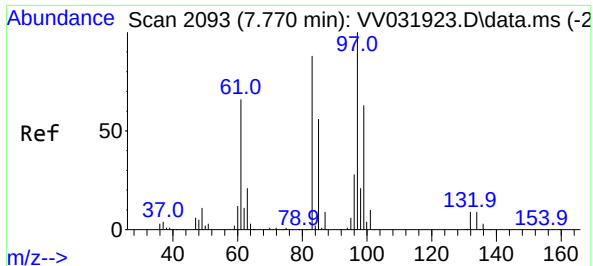
Tgt Ion: 75 Resp: 154056

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



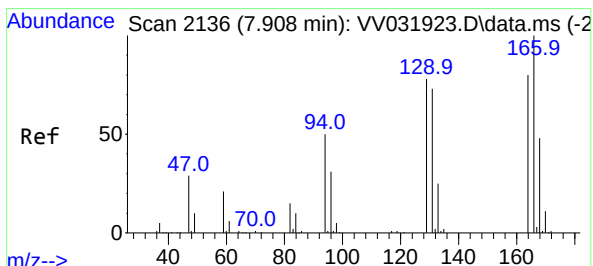
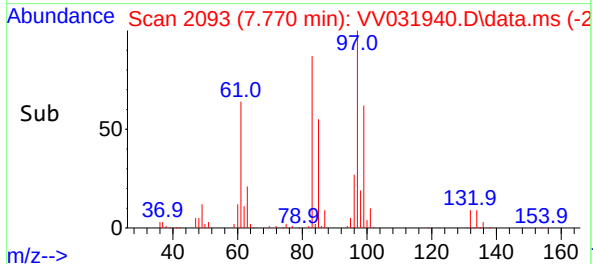
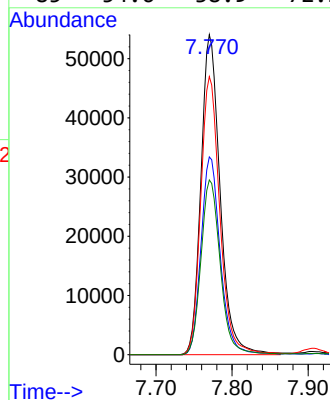
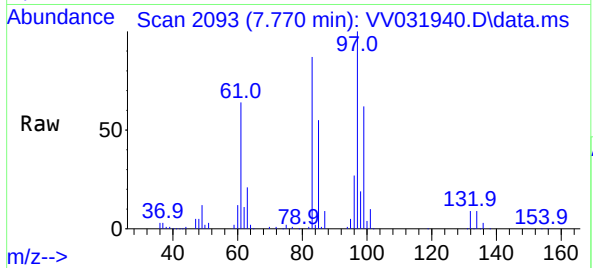


#45
1,1,2-Trichloroethane
Concen: 47.610 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 95069

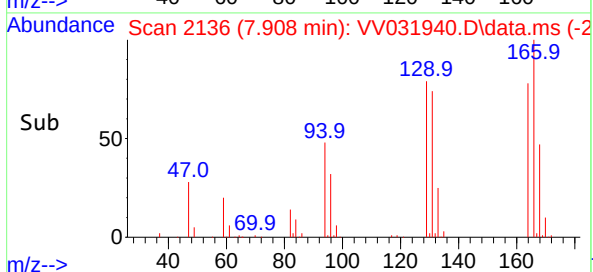
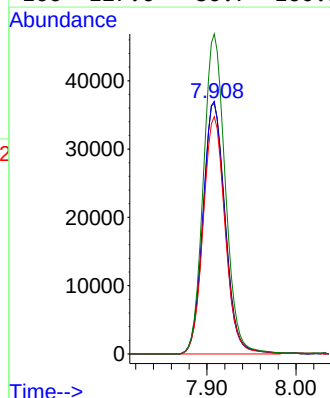
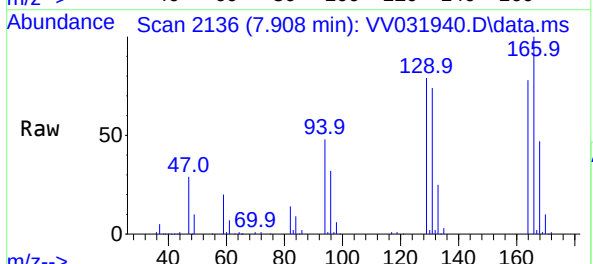
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	79.8
83	86.9	61.2	113.6
85	54.6	38.9	72.2

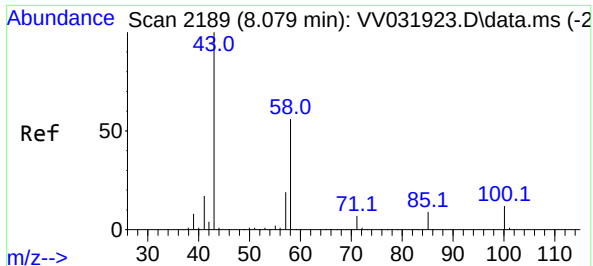


#46
Tetrachloroethene
Concen: 47.215 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 164 Resp: 63224

Ion	Ratio	Lower	Upper
164	100		
129	100.7	68.3	126.9
131	94.6	64.9	120.5
166	127.6	86.7	160.9

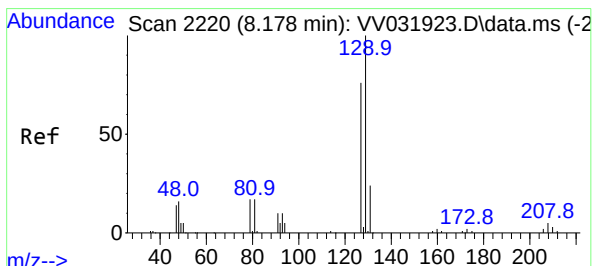
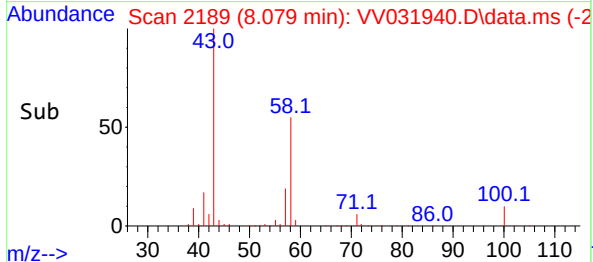
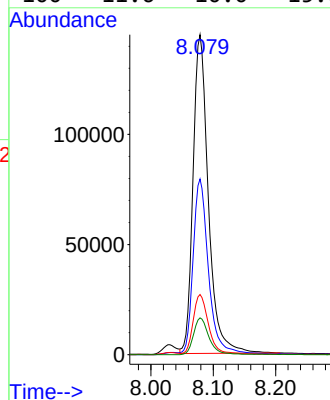
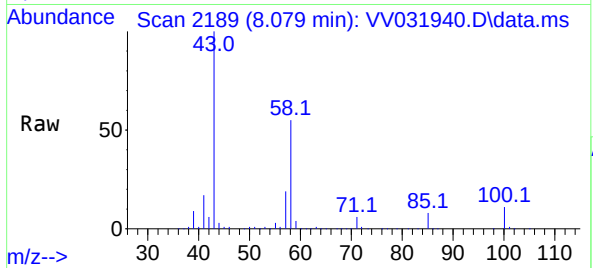




#48
2-Hexanone
Concen: 103.083 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

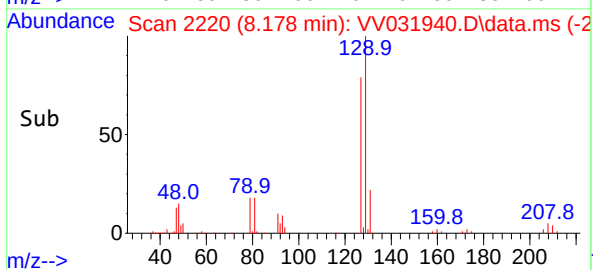
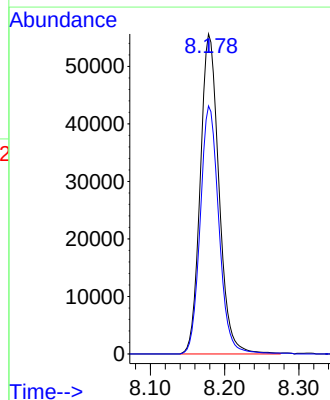
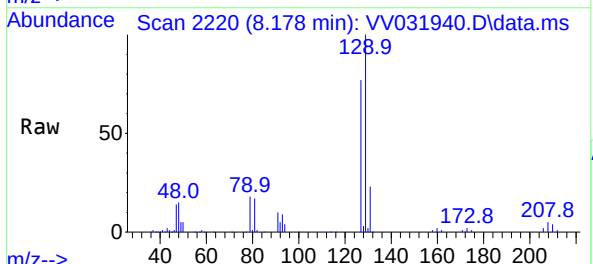
Instrument :
MSVOA_V
ClientSampleId :

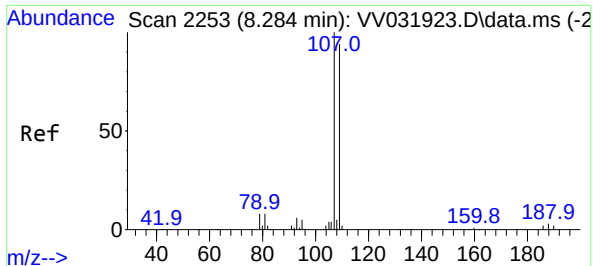
Tgt Ion: 43 Resp: 246957
Ion Ratio Lower Upper
43 100
58 55.3 44.0 66.0
57 18.5 15.9 23.9
100 11.6 10.0 15.0



#49
Dibromochloromethane
Concen: 47.472 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

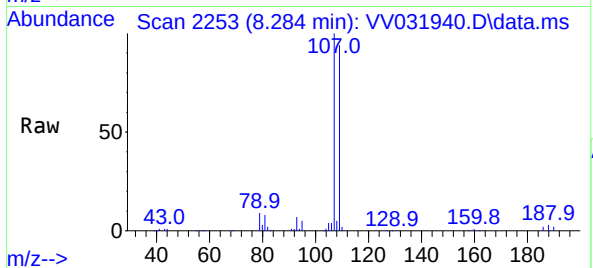
Tgt Ion: 129 Resp: 97410
Ion Ratio Lower Upper
129 100
127 77.5 54.7 101.7



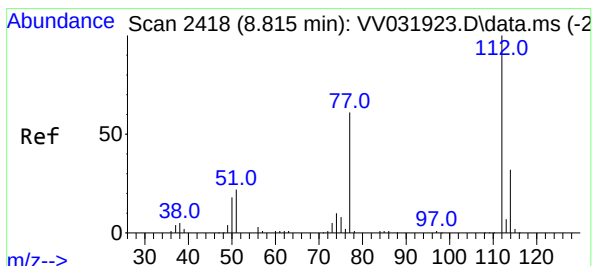
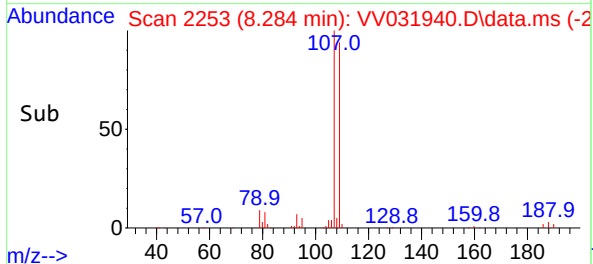
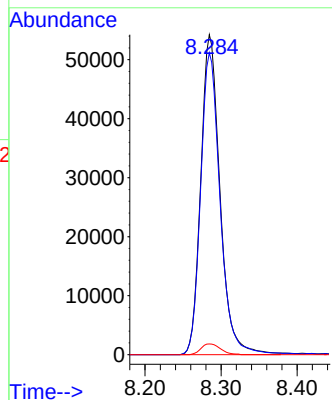


#50
1,2-Dibromoethane
Concen: 45.530 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Instrument :
MSVOA_V
ClientSampleId :

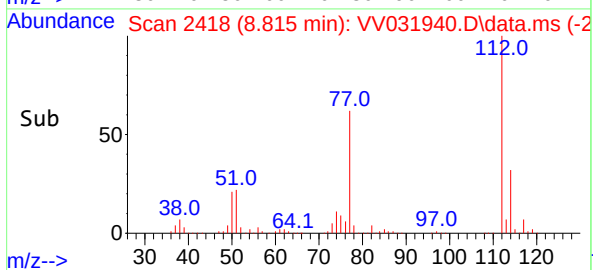
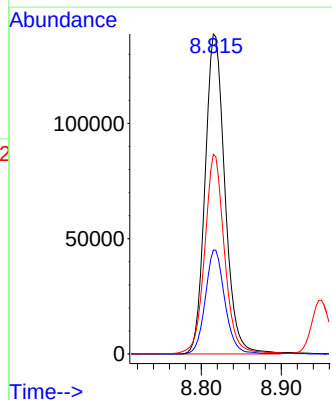
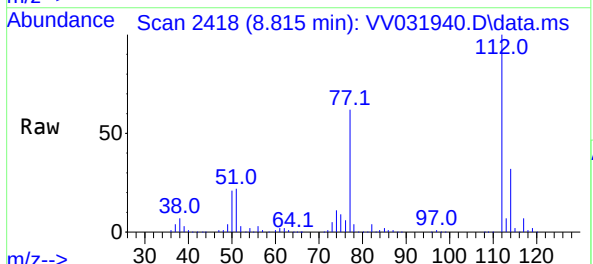


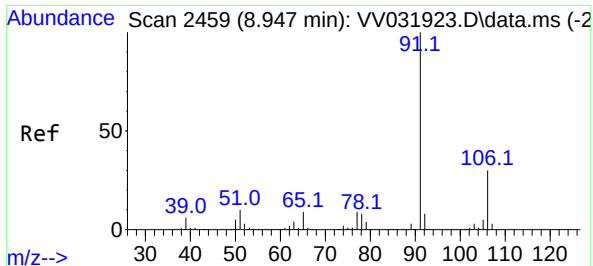
Tgt Ion:107 Resp: 95224
Ion Ratio Lower Upper
107 100
109 94.4 65.4 121.4
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 46.986 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:112 Resp: 239483
Ion Ratio Lower Upper
112 100
114 32.5 22.0 40.8
77 62.4 49.4 74.0

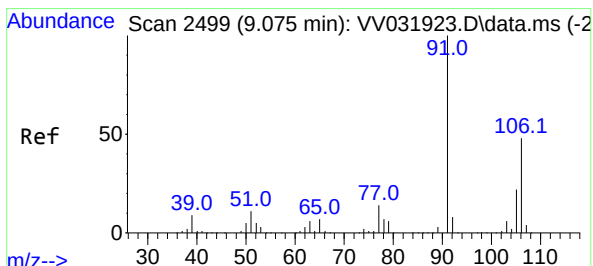
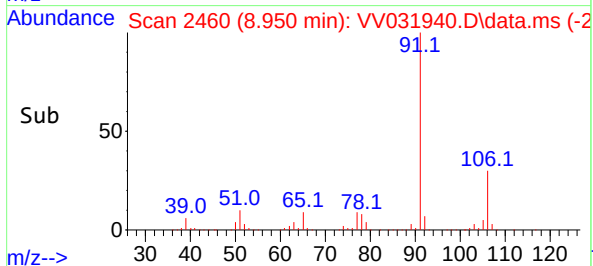
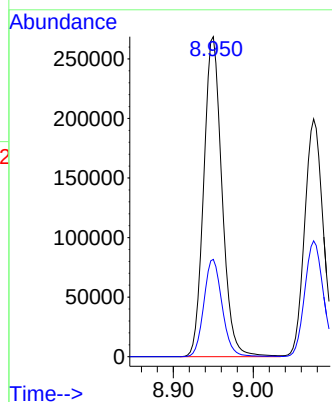
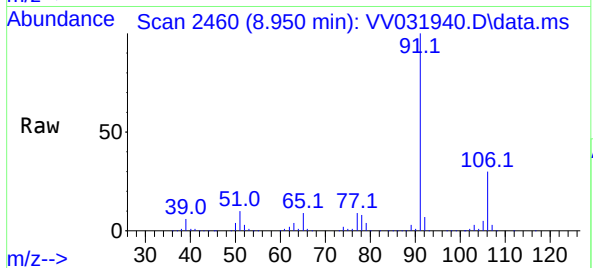




#52
Ethylbenzene
Concen: 46.995 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

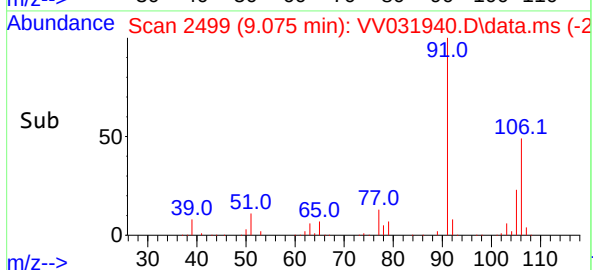
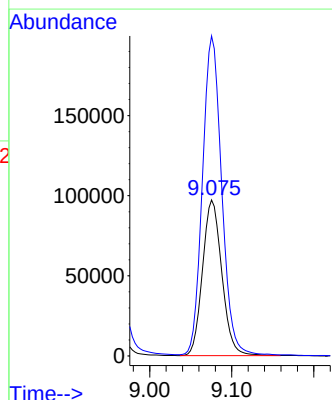
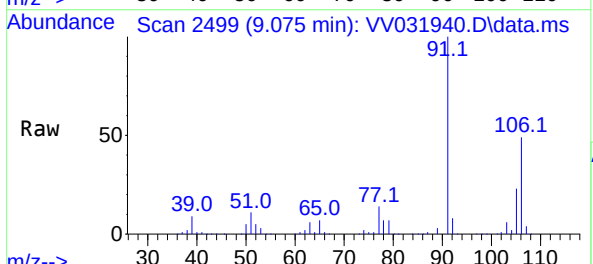
Instrument :
MSVOA_V
ClientSampleId :

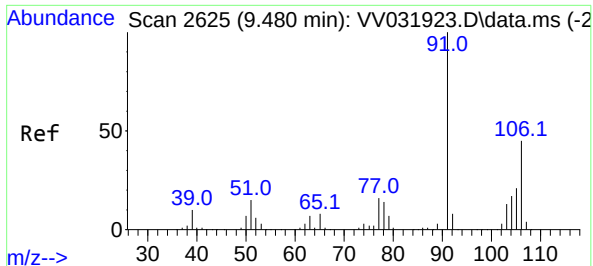
Tgt Ion: 91 Resp: 427006
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 47.072 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 106 Resp: 158806
Ion Ratio Lower Upper
106 100
91 205.2 147.0 273.0

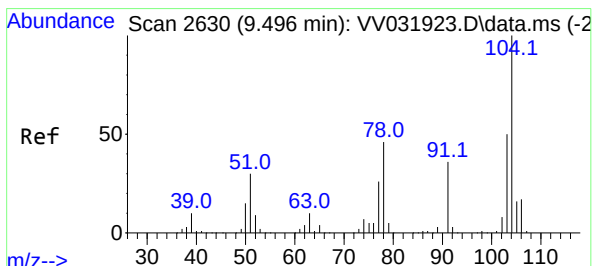
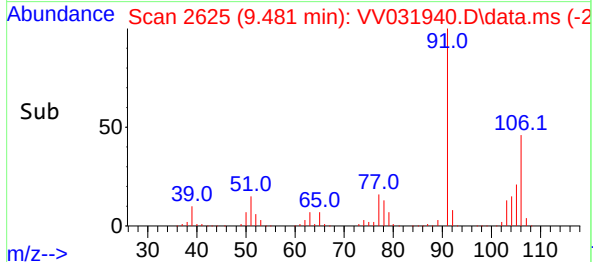
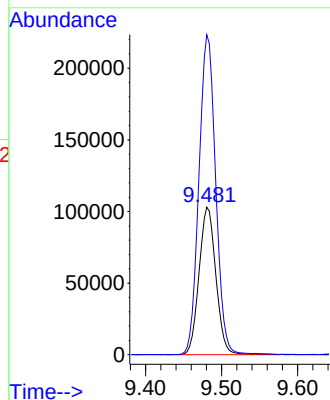
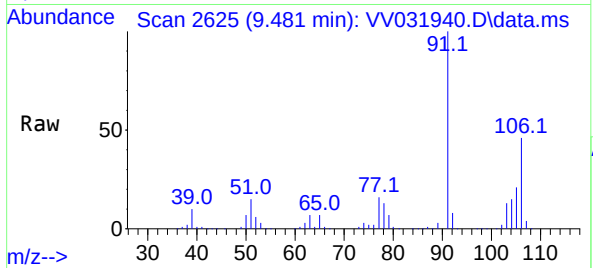




#54
o-Xylene
Concen: 47.167 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

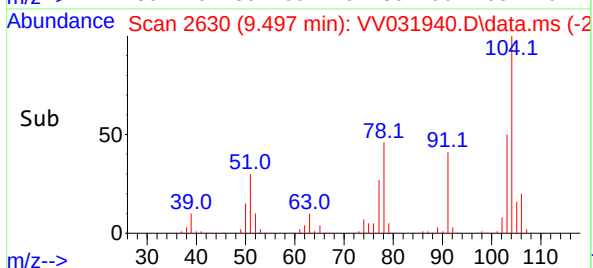
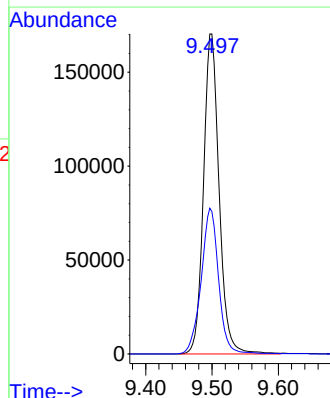
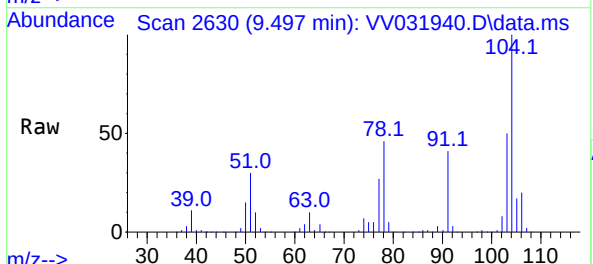
Instrument :
MSVOA_V
ClientSampleId :

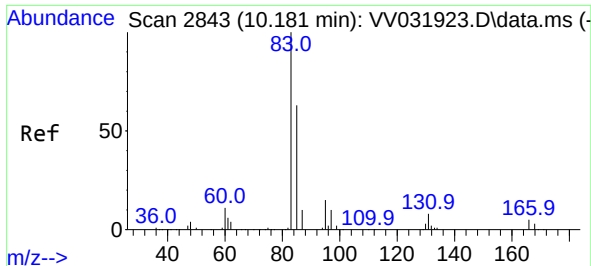
Tgt Ion:106 Resp: 158262
Ion Ratio Lower Upper
106 100
91 216.9 154.3 286.5



#55
Styrene
Concen: 46.943 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:104 Resp: 278449
Ion Ratio Lower Upper
104 100
78 45.6 32.3 59.9

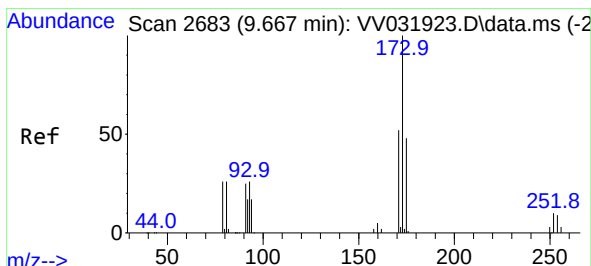
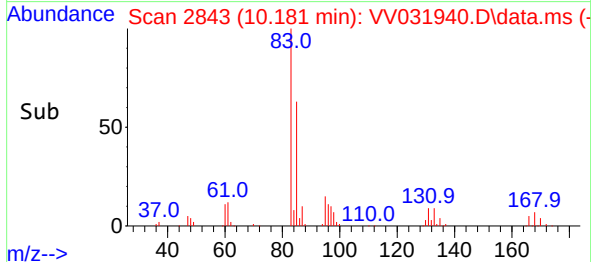
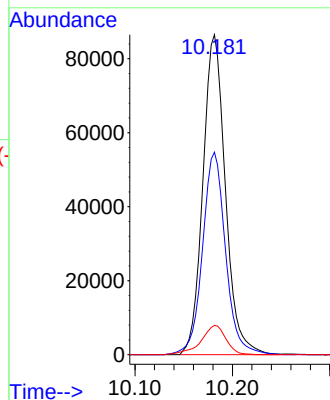
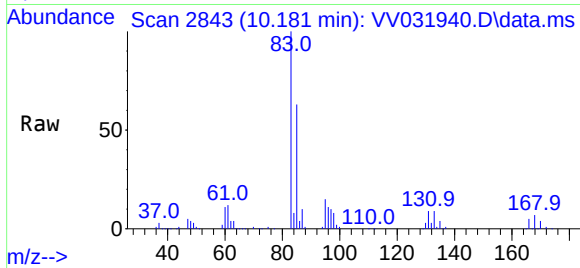




#57
1,1,2,2-Tetrachloroethane
Concen: 49.179 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

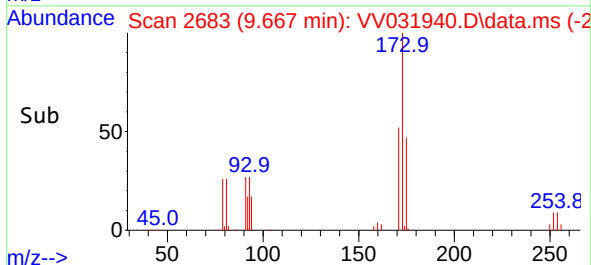
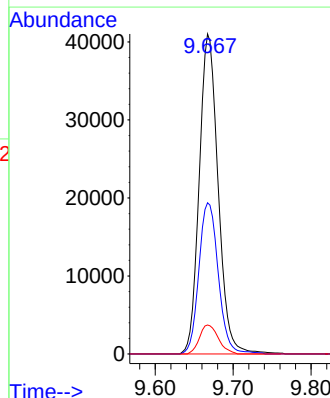
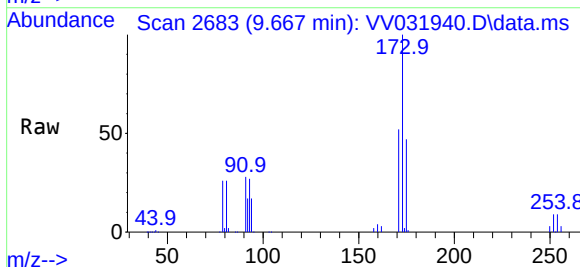
Instrument :
MSVOA_V
ClientSampleId :

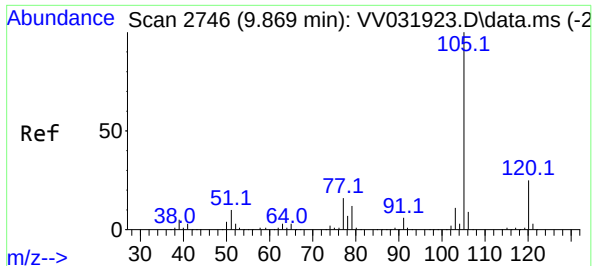
Tgt Ion:	83	Resp:	139017
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.1	83.9
131	9.2	7.4	11.2



#59
Bromoform
Concen: 47.524 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:	173	Resp:	69249
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.3	57.5
254	9.0	6.9	10.3

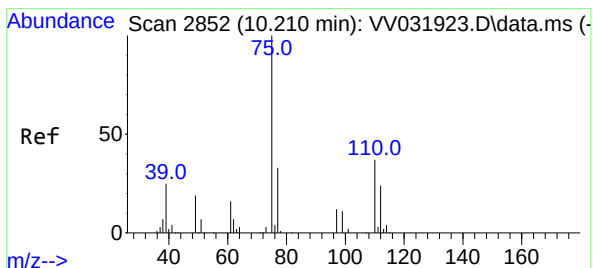
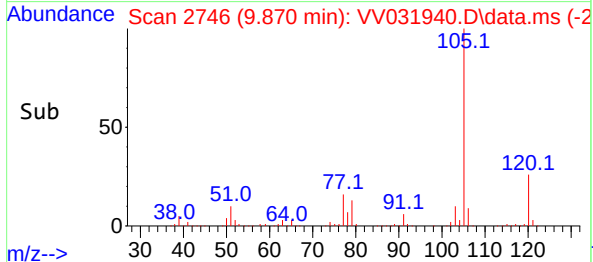
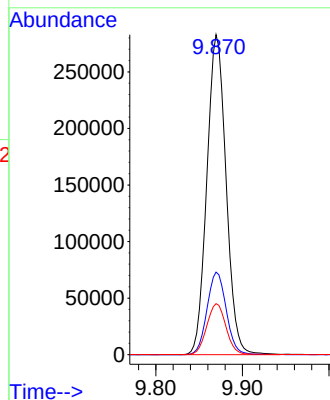
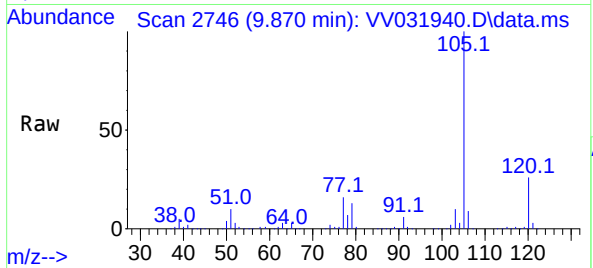




#60
Isopropylbenzene
Concen: 46.402 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

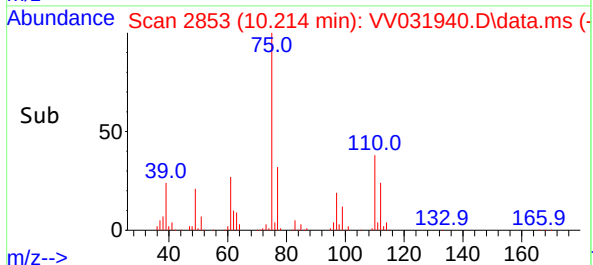
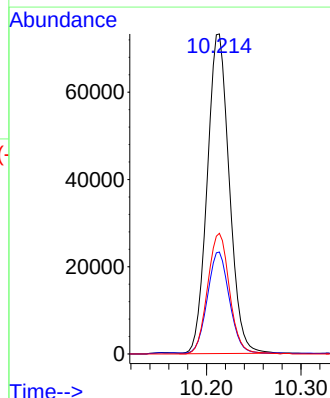
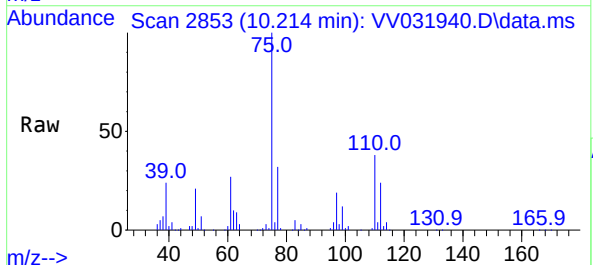
Instrument :
MSVOA_V
ClientSampleId :

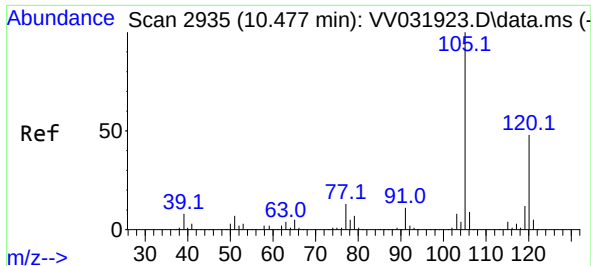
Tgt Ion:105 Resp: 436719
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 44.702 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion: 75 Resp: 118674
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 37.6 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 45.818 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

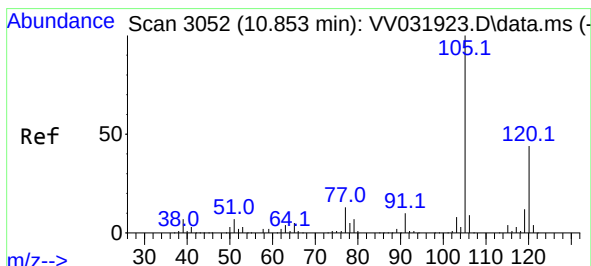
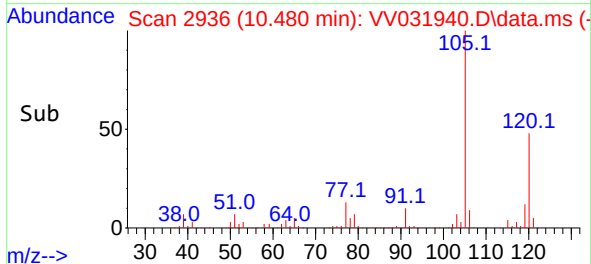
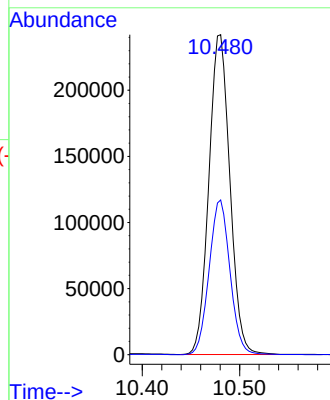
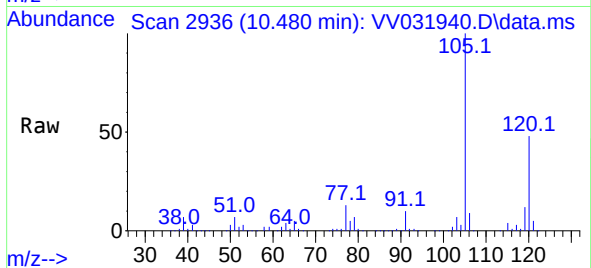
ClientSampleId :

Tgt Ion:105 Resp: 362791

Ion Ratio Lower Upper

105 100

120 48.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 45.850 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV031940.D

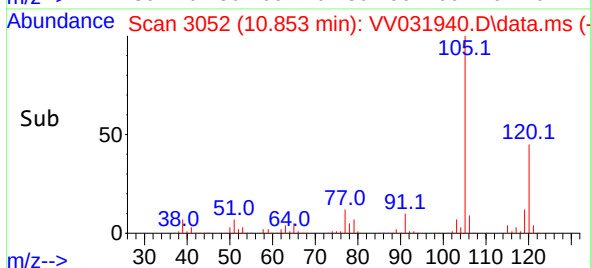
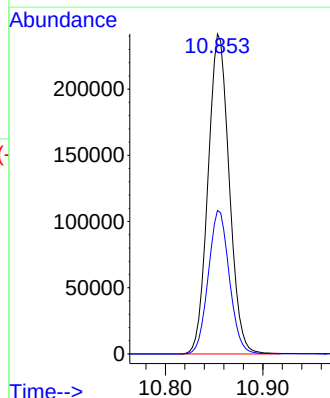
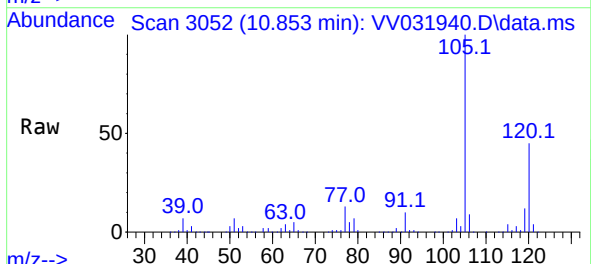
Acq: 28 Aug 2023 11:24

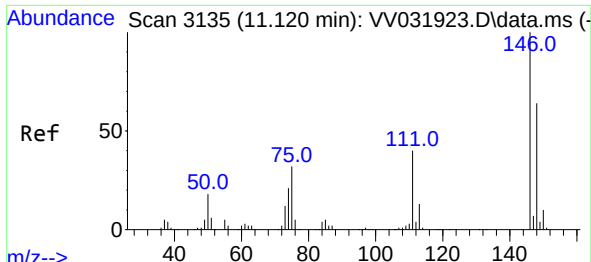
Tgt Ion:105 Resp: 365209

Ion Ratio Lower Upper

105 100

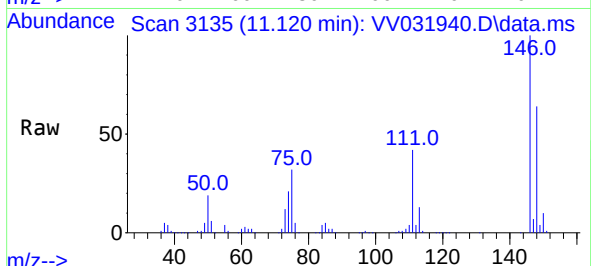
120 44.5 35.9 53.9



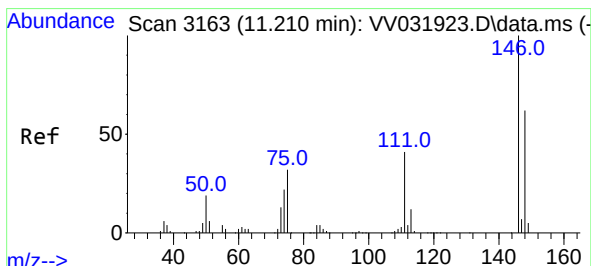
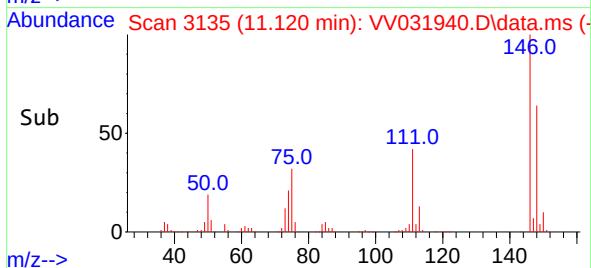
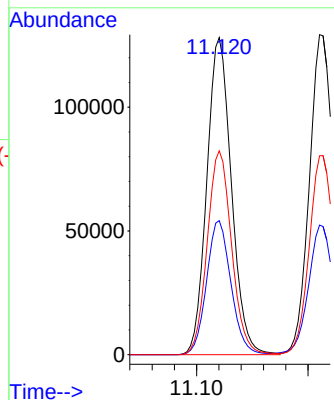


#64
1,3-Dichlorobenzene
Concen: 46.577 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Instrument :
MSVOA_V
ClientSampleId :

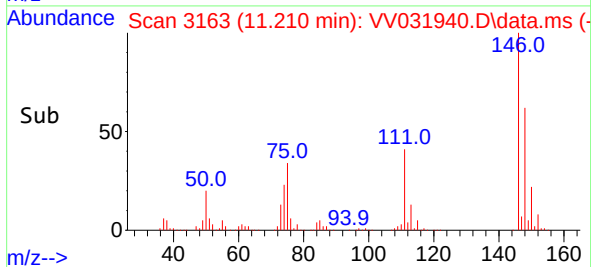
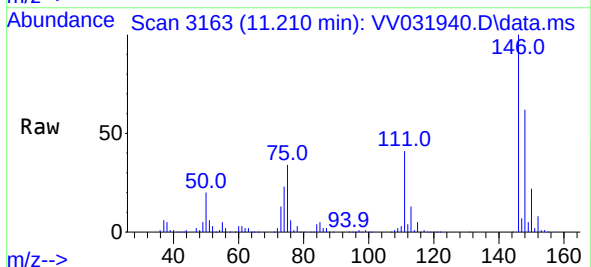
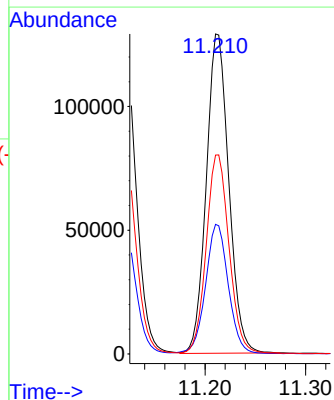


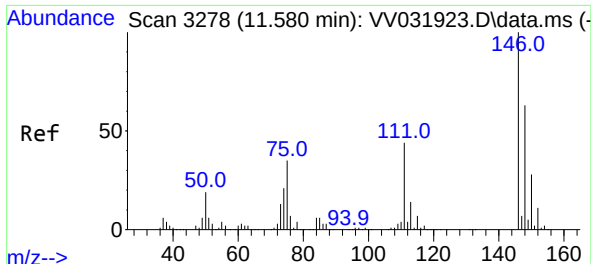
Tgt Ion:146 Resp: 196463
Ion Ratio Lower Upper
146 100
111 42.3 30.2 56.0
148 64.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 46.720 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:146 Resp: 200382
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 62.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 45.956 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

Instrument :

MSVOA_V

ClientSampleId :

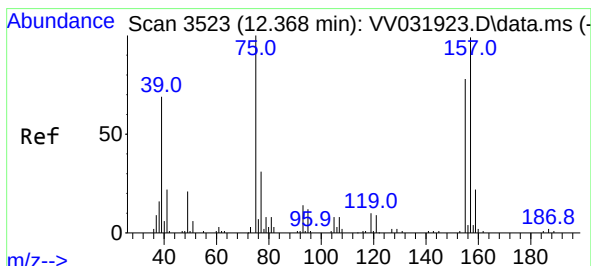
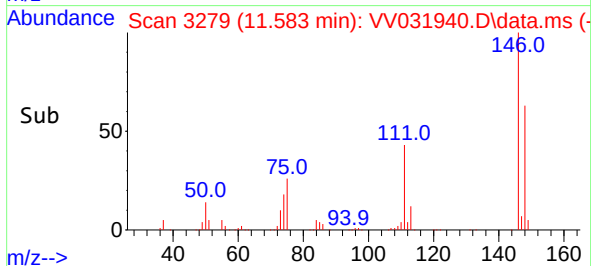
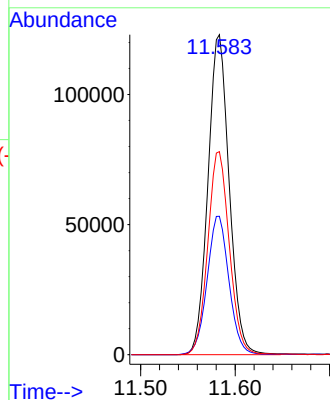
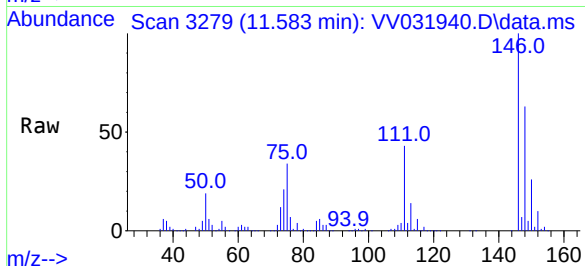
Tgt Ion:146 Resp: 192081

Ion Ratio Lower Upper

146 100

111 43.3 35.8 53.6

148 63.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 42.939 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV031940.D

Acq: 28 Aug 2023 11:24

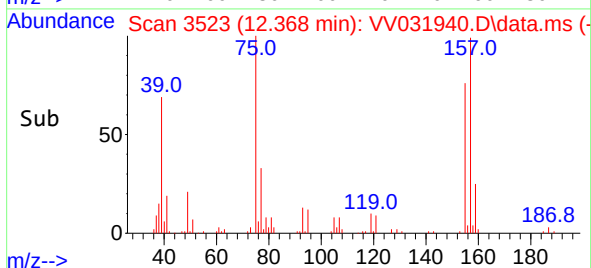
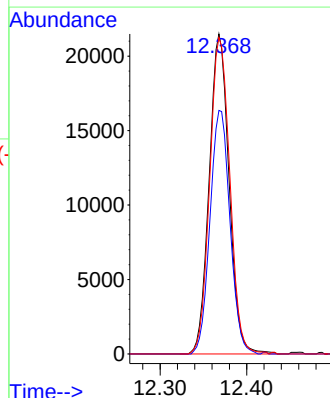
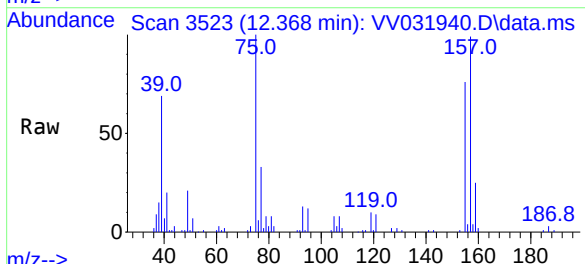
Tgt Ion: 75 Resp: 34241

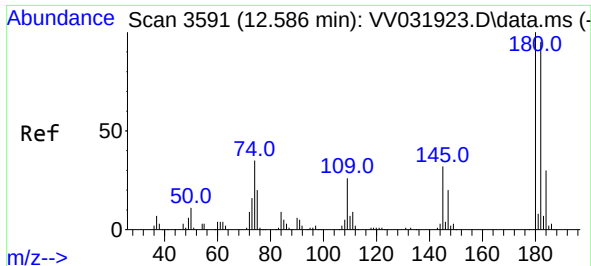
Ion Ratio Lower Upper

75 100

155 76.1 60.1 90.1

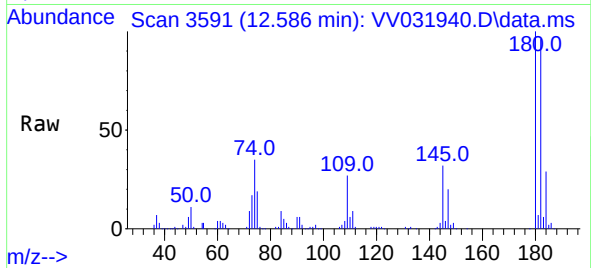
157 98.9 77.3 115.9



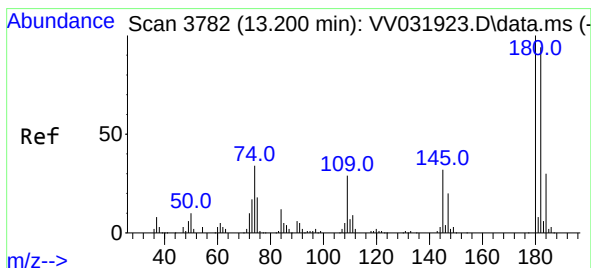
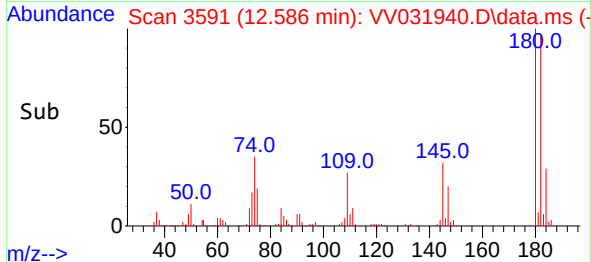
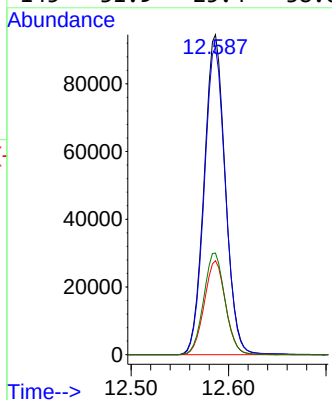


#69
 1,3,5-Trichlorobenzene
 Concen: 46.495 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV031940.D
 Acq: 28 Aug 2023 11:24

Instrument :
 MSVOA_V
 ClientSampleId :

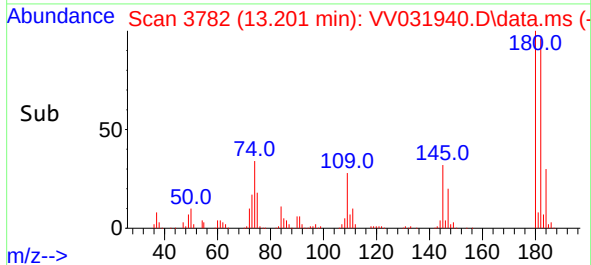
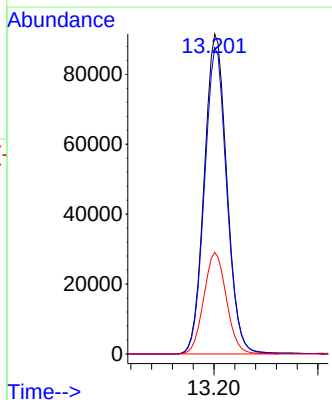
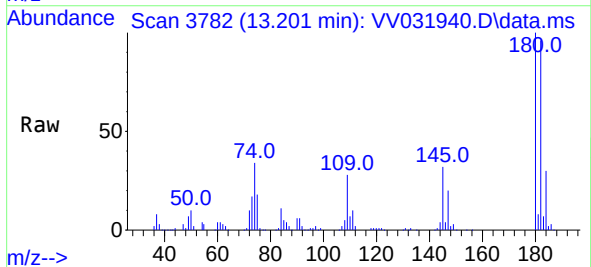


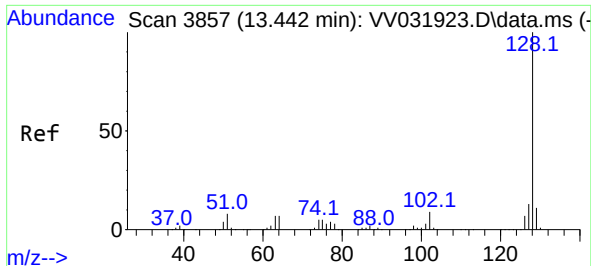
Tgt Ion:180 Resp: 142969
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.2
 184 29.5 23.7 35.5
 145 31.9 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 46.806 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV031940.D
 Acq: 28 Aug 2023 11:24

Tgt Ion:180 Resp: 138150
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.2
 145 31.8 26.0 39.0

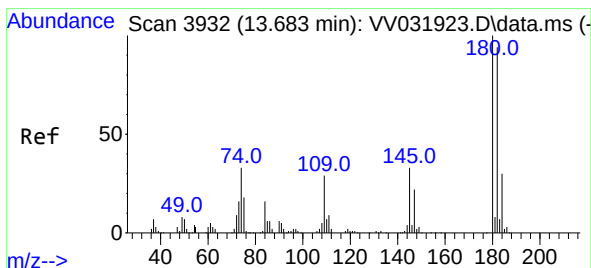
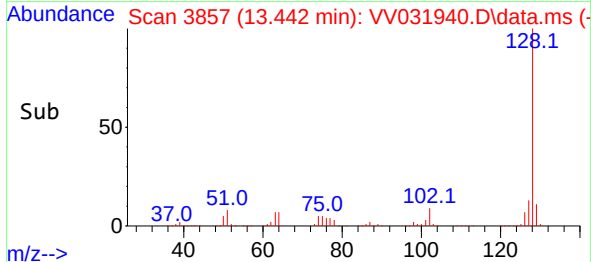
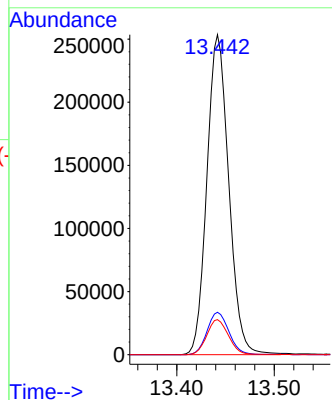
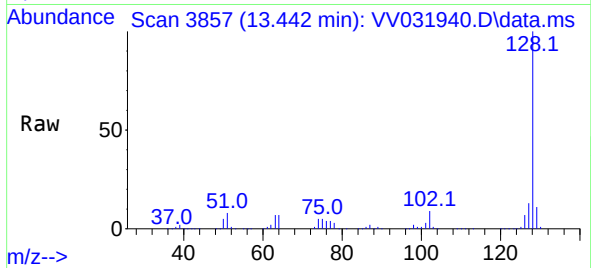




#71
Naphthalene
Concen: 41.821 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp: 394371
Ion Ratio	Lower Upper
128 100	
127 13.3	10.4 15.6
129 10.9	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 45.550 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV031940.D
Acq: 28 Aug 2023 11:24

Tgt Ion:180	Resp:	128827	
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.7	115.1
145	33.7	27.7	41.5

