

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032038.D
 Acq On : 11 Sep 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:02:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	124072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20458	4.882	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.532	69	25328	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.060	65	11401	4.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.805	46	119301	58.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	4.256	84	65992	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	4.950	65	33681	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.966	84	125187	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.995	67	43663	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	111198	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.561	79	12260	3.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.030	63	89827	46.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31669	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40805	3.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	25020	3.531	ug/L	99
3) Chloromethane	1.217	50	32040	4.220	ug/L	98
5) Vinyl chloride	1.281	62	31433	4.040	ug/L	96
6) Bromomethane	1.487	94	17672	3.634	ug/L	96
8) Chloroethane	1.548	64	22018	4.431	ug/L	97
9) Trichlorofluoromethane	1.712	101	40500	4.035	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24832	4.148	ug/L	95
12) 1,1-Dichloroethene	2.069	96	23007	4.119	ug/L	92
13) Acetone	2.130	43	60197	50.363	ug/L	71
14) Carbon disulfide	2.240	76	56739	3.611	ug/L	99
15) Methyl Acetate	2.384	43	15759	6.470	ug/L	97
16) Methylene chloride	2.449	84	34174	3.762	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	81188	4.685	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	27129	4.285	ug/L	97
19) 1,1-Dichloroethane	3.114	63	62660	4.805	ug/L	99
21) 2-Butanone	3.889	43	96596	57.056	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	33847	4.641	ug/L	98
23) Bromochloromethane	4.159	128	13744	4.749	ug/L	94
25) Chloroform	4.281	83	61542	4.630	ug/L	97

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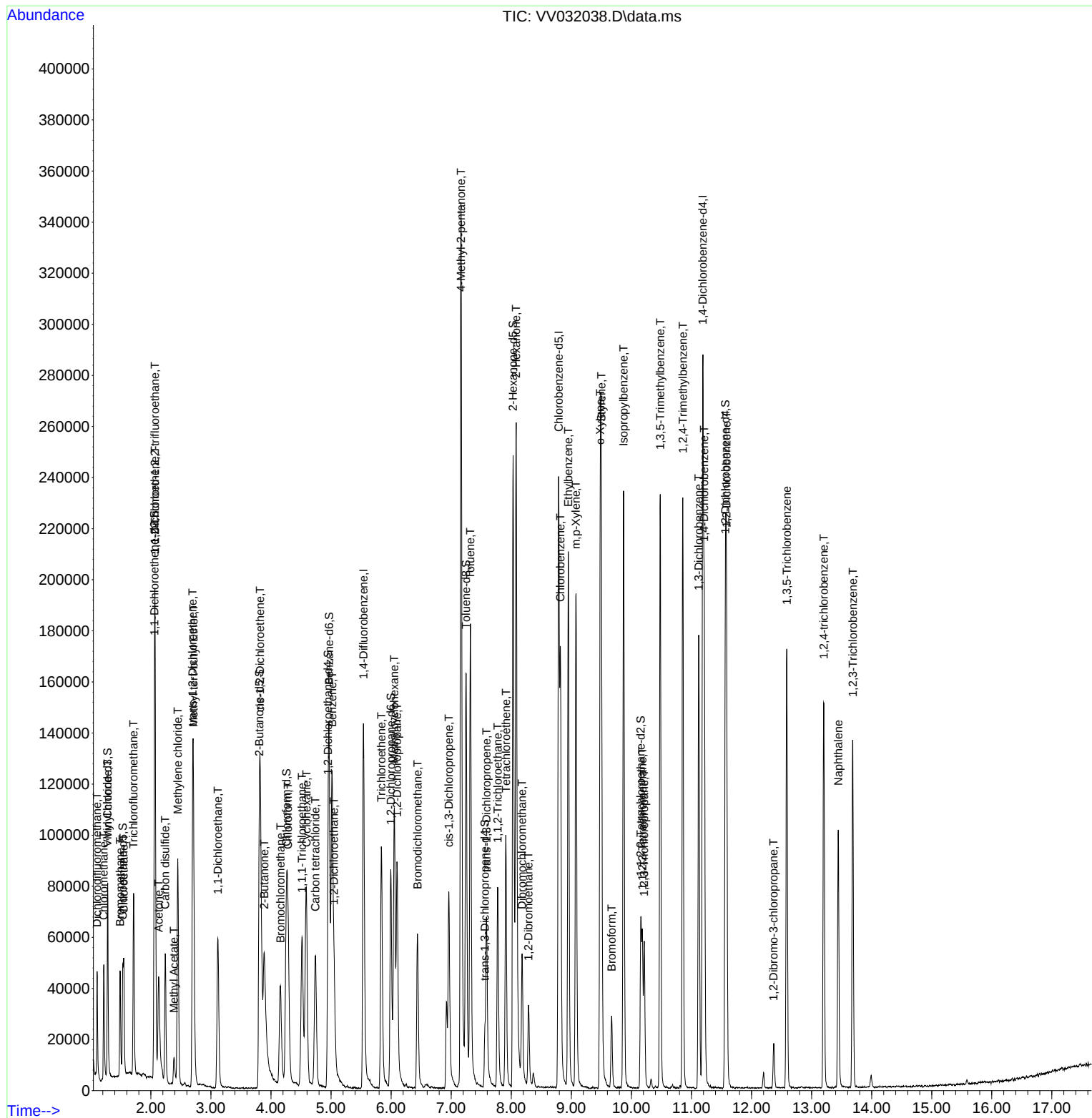
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	37120	4.670	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	48475	4.095	ug/L	98
30) Cyclohexane	4.590	56	45983	3.780	ug/L	95
31) Carbon tetrachloride	4.738	117	38779	4.050	ug/L	98
33) Benzene	5.018	78	124668	4.416	ug/L	100
34) Trichloroethene	5.838	95	34005	4.121	ug/L	97
35) Methylcyclohexane	6.053	83	43176	3.595	ug/L	94
37) 1,2-Dichloropropane	6.098	63	36592	4.705	ug/L #	94
38) Bromodichloromethane	6.439	83	43533	4.324	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	50132	4.237	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	259323	53.197	ug/L	98
42) Toluene	7.320	91	132257	4.217	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	41125	4.163	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	25285	4.542	ug/L	100
47) Tetrachloroethene	7.911	164	21395	4.059	ug/L	97
48) 2-Hexanone	8.082	43	180622	49.593	ug/L	98
49) Dibromochloromethane	8.182	129	25622	4.416	ug/L	99
50) 1,2-Dibromoethane	8.288	107	22739	4.517	ug/L	98
51) Chlorobenzene	8.818	112	87676	4.415	ug/L	97
52) Ethylbenzene	8.950	91	150103	4.163	ug/L	100
53) m,p-Xylene	9.079	106	55400	4.079	ug/L	99
54) o-Xylene	9.481	106	54636	4.163	ug/L	97
55) Styrene	9.500	104	96583	4.266	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	29387	5.214	ug/L	93
59) Bromoform	9.670	173	12498	3.948	ug/L	99
60) Isopropylbenzene	9.870	105	148408	3.985	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	22765	4.614	ug/L	95
62) 1,3,5-Trimethylbenzene	10.480	105	122006	3.822	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	122568	3.908	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	67139	4.071	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	68600	4.049	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	63764	4.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	4529	4.052	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.586	180	48569	3.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	43691	3.909	ug/L	97
71) Naphthalene	13.445	128	76584	3.638	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	37841	4.021	ug/L	98

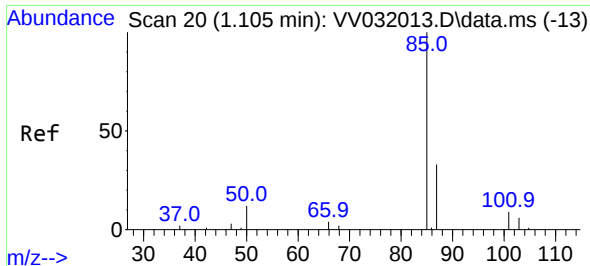
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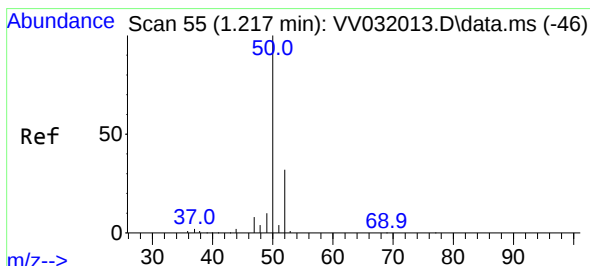
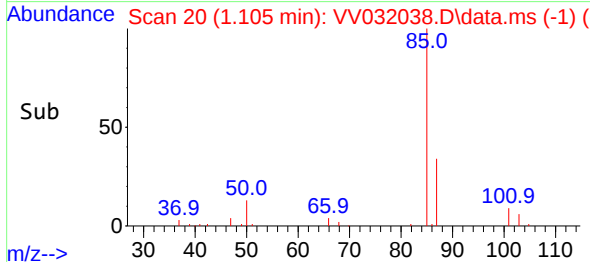
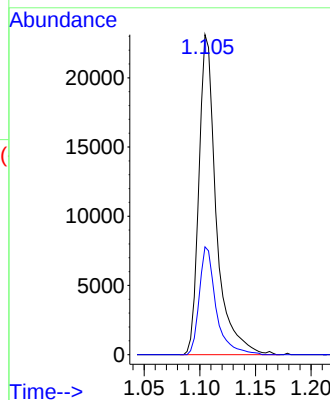
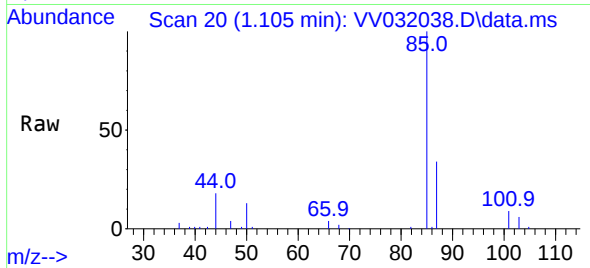




#2
 Dichlorodifluoromethane
 Concen: 3.531 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032038.D
 Acq: 11 Sep 2023 19:59

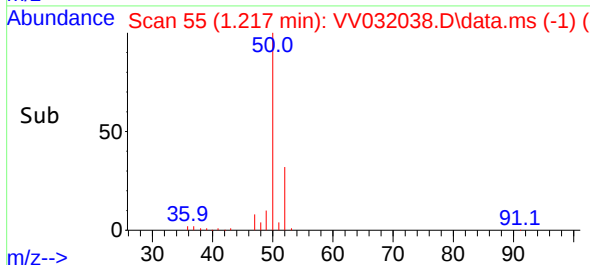
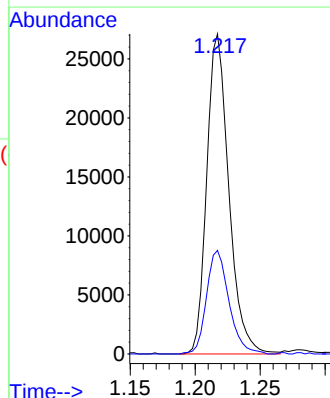
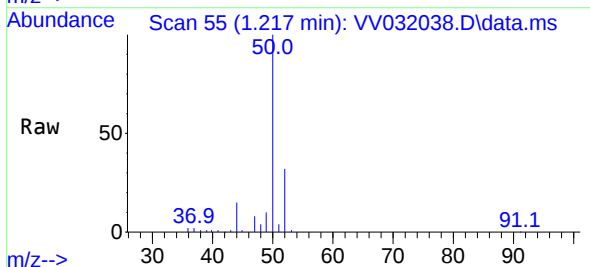
Instrument :
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 ClientSampleId :

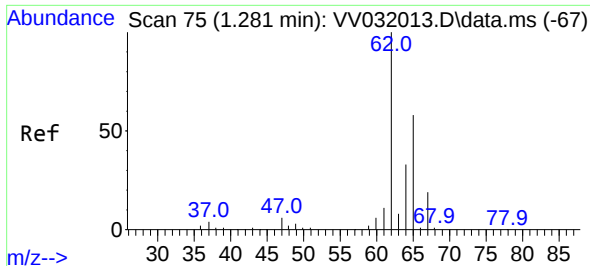
Tgt Ion: 85 Resp: 25020
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 4.220 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032038.D
 Acq: 11 Sep 2023 19:59

Tgt Ion: 50 Resp: 32040
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

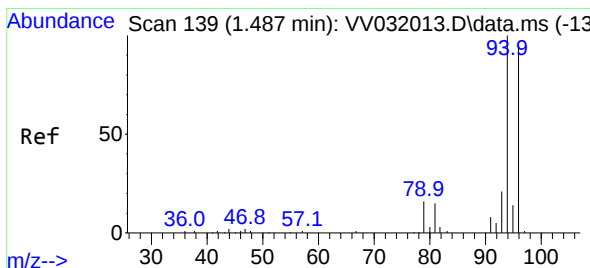
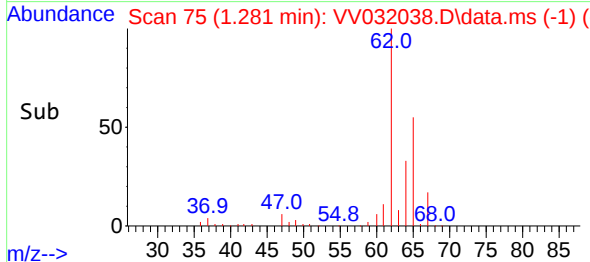
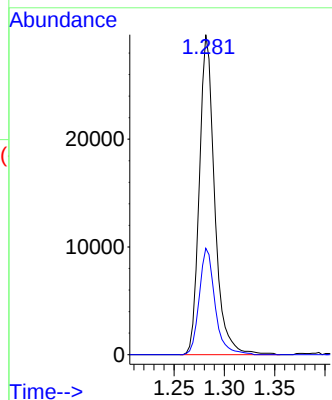
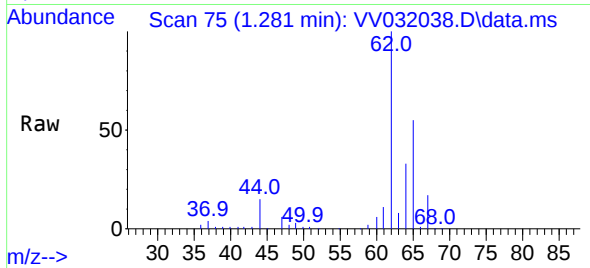




#5
Vinyl chloride
Concen: 4.040 ug/L
RT: 1.281 min Scan# 75
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

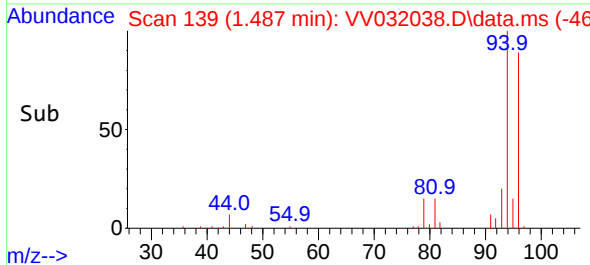
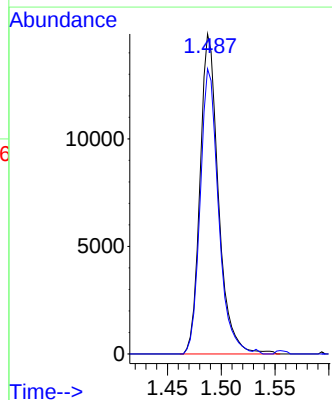
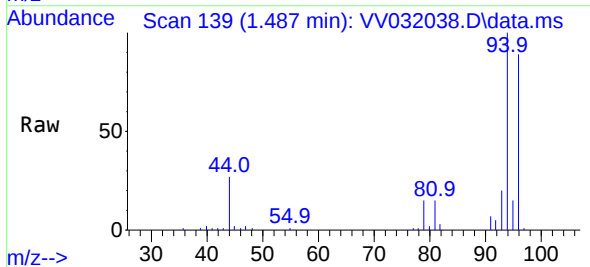
Instrument :
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ClientSampleId :

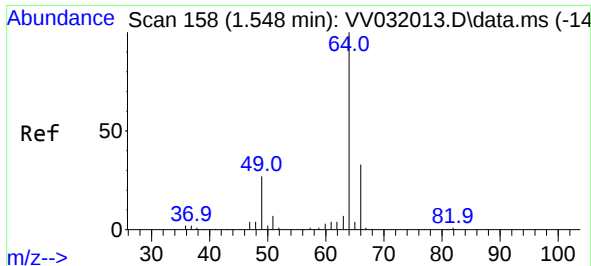
Tgt Ion: 62 Resp: 31433
Ion Ratio Lower Upper
62 100
64 33.2 21.7 40.3



#6
Bromomethane
Concen: 3.634 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 94 Resp: 17672
Ion Ratio Lower Upper
94 100
96 89.1 65.0 120.8

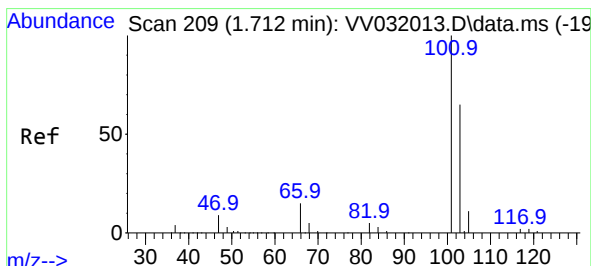
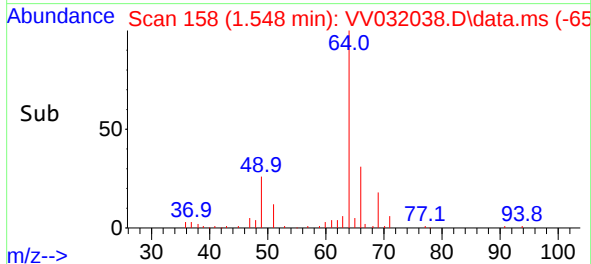
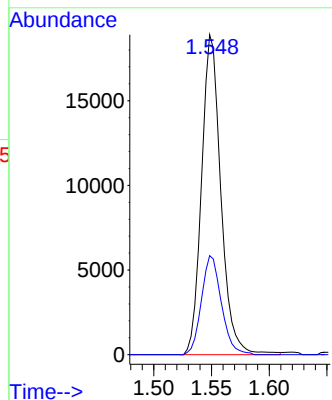
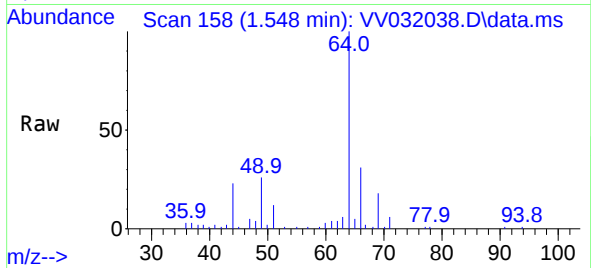




#8
Chloroethane
Concen: 4.431 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

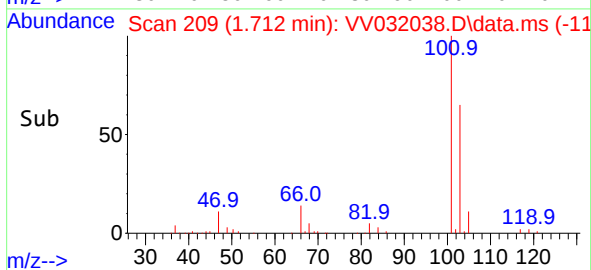
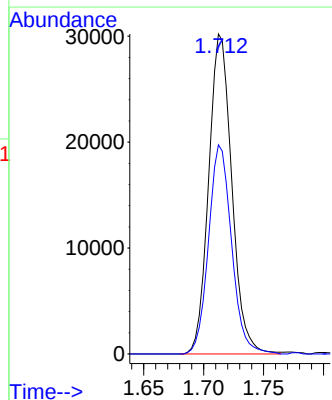
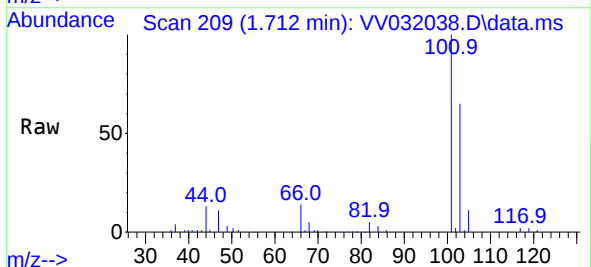
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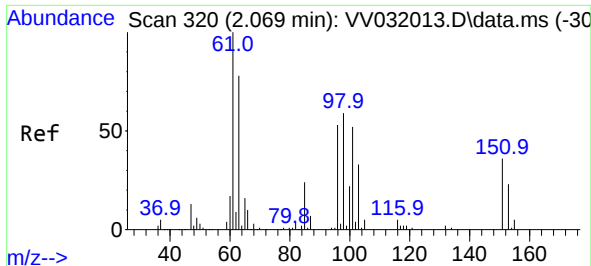
Tgt Ion: 64 Resp: 22018
Ion Ratio Lower Upper
64 100
66 30.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.035 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:101 Resp: 40500
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

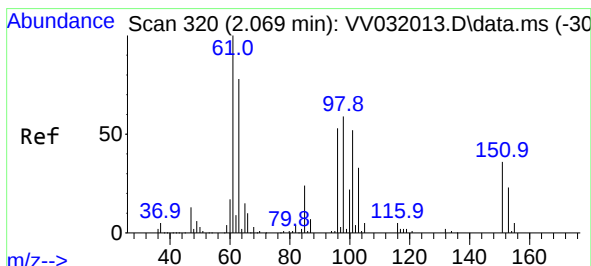
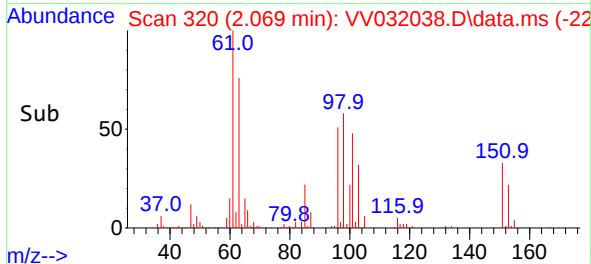
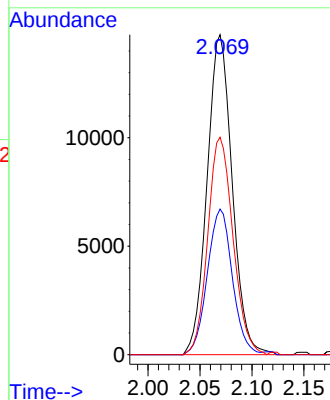
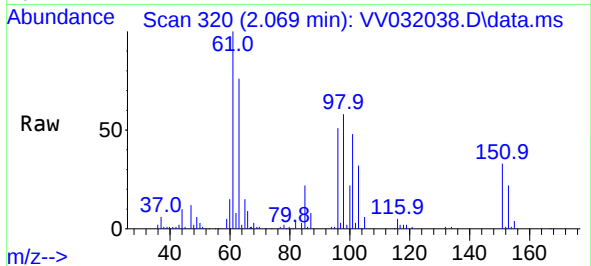




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.148 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032038.D
 Acq: 11 Sep 2023 19:59

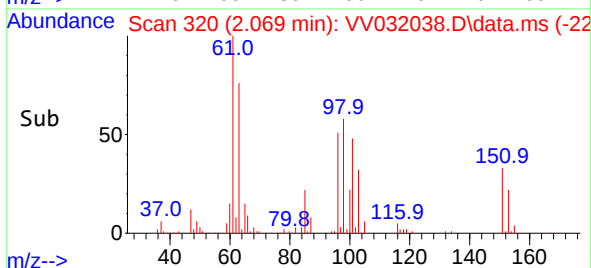
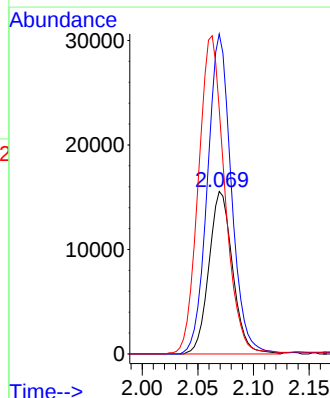
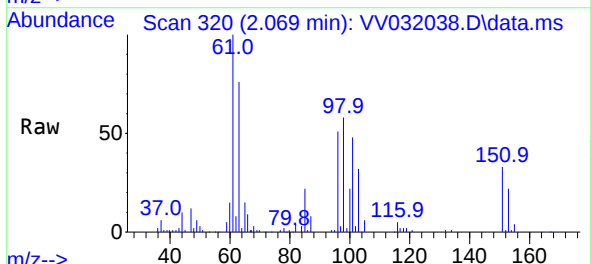
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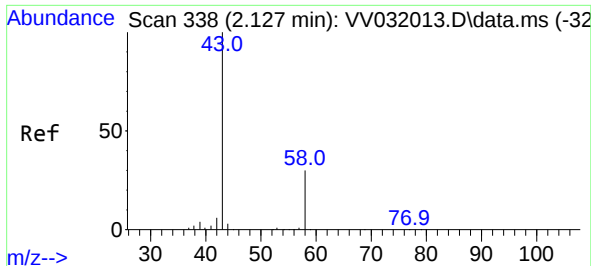
Tgt Ion:101 Resp: 24832
 Ion Ratio Lower Upper
 101 100
 85 45.3 38.3 57.5
 151 68.3 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 4.119 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032038.D
 Acq: 11 Sep 2023 19:59

Tgt Ion: 96 Resp: 23007
 Ion Ratio Lower Upper
 96 100
 61 196.9 129.0 239.6
 63 150.5 99.0 183.8





#13

Acetone

Concen: 50.363 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

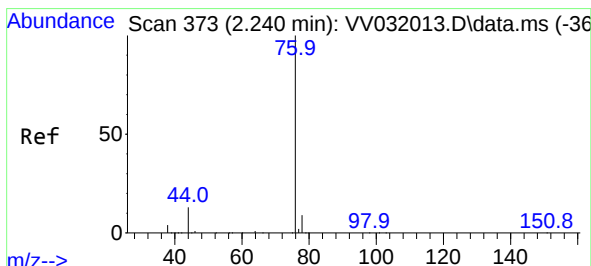
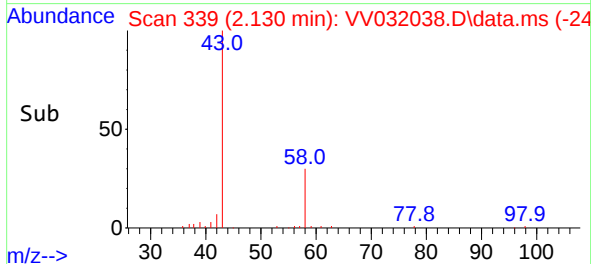
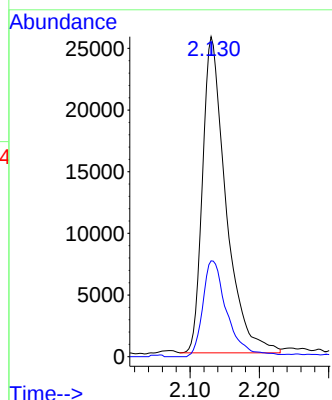
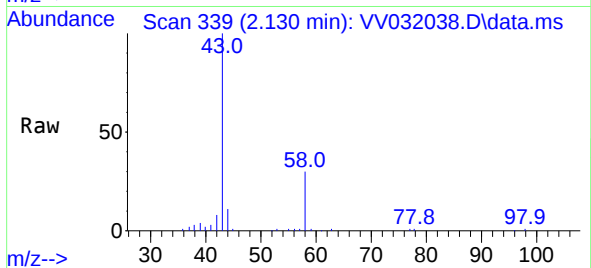
ClientSampleId :

Tgt Ion: 43 Resp: 60197

Ion Ratio Lower Upper

43 100

58 31.5 0.0 37.0



#14

Carbon disulfide

Concen: 3.611 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032038.D

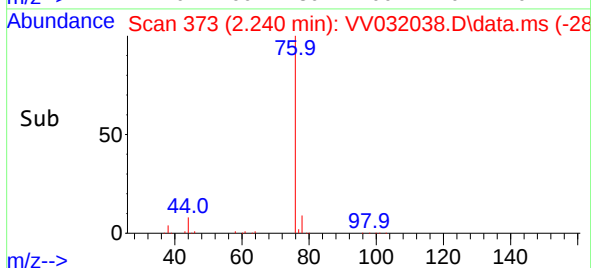
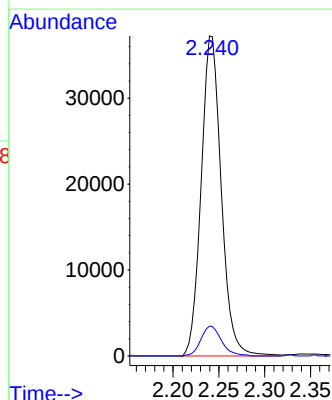
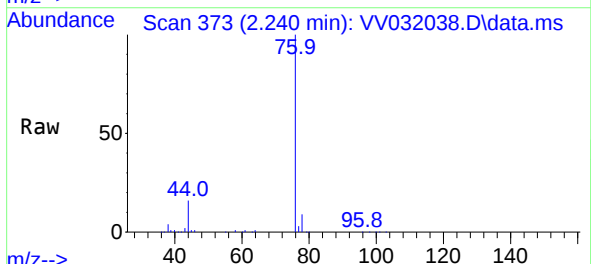
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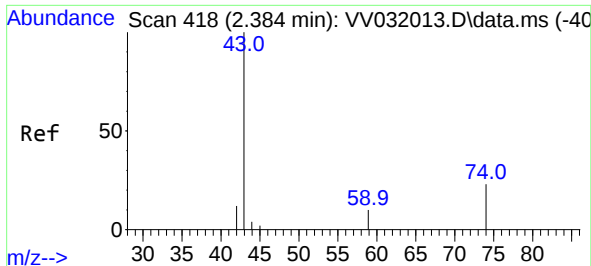
Tgt Ion: 76 Resp: 56739

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

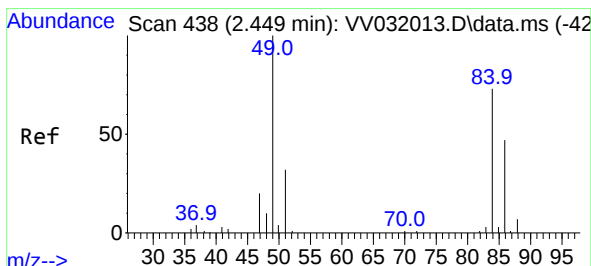
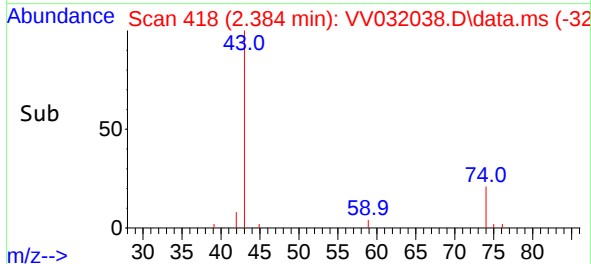
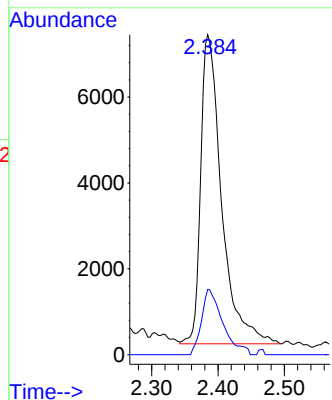
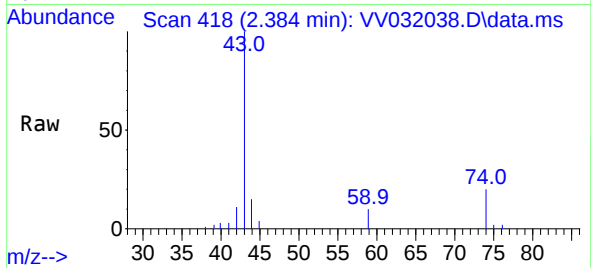




#15
Methyl Acetate
Concen: 6.470 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

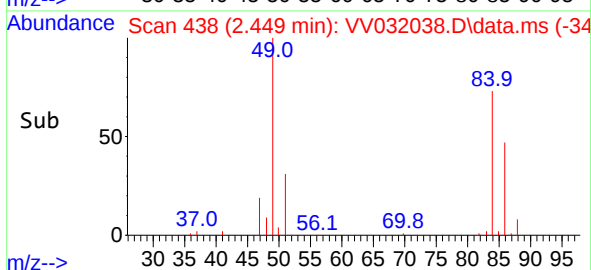
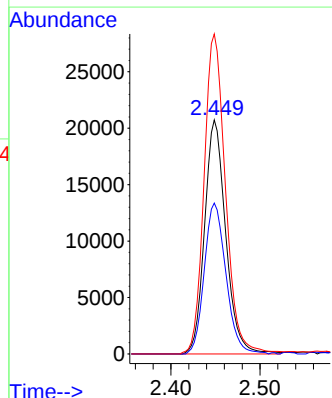
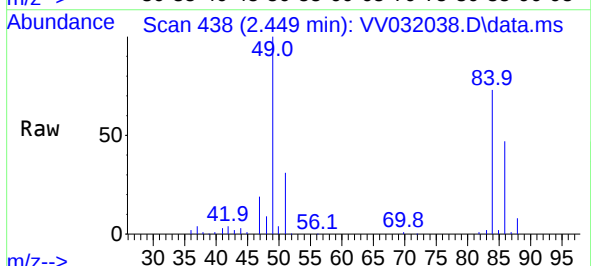
Instrument :
MSVOA_V
ClientSampleId :

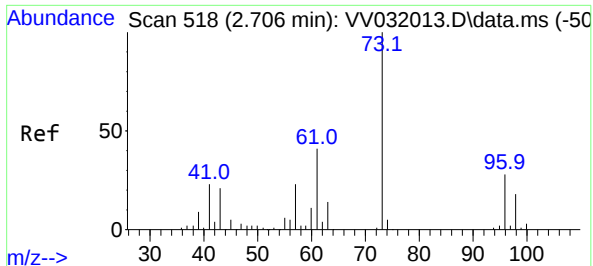
Tgt Ion: 43 Resp: 15759
Ion Ratio Lower Upper
43 100
74 21.4 18.3 27.5



#16
Methylene chloride
Concen: 3.762 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 84 Resp: 34174
Ion Ratio Lower Upper
84 100
86 64.5 42.6 79.2
49 136.7 88.5 164.4

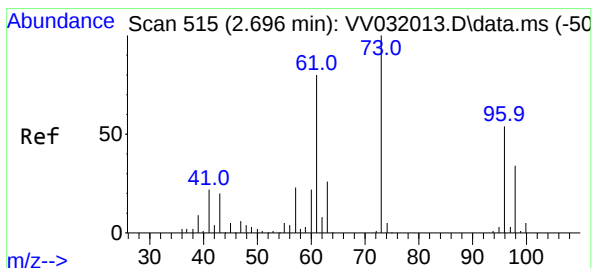
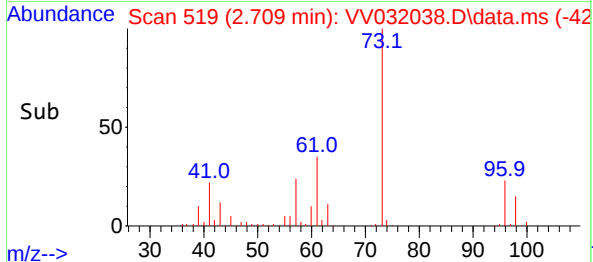
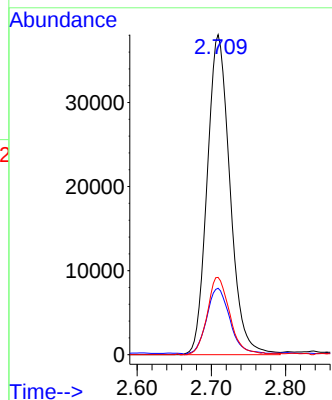
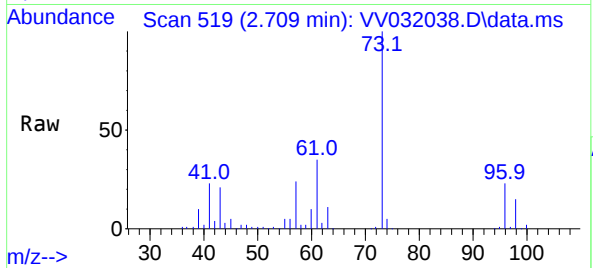




#17
Methyl tert-butyl Ether
Concen: 4.685 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

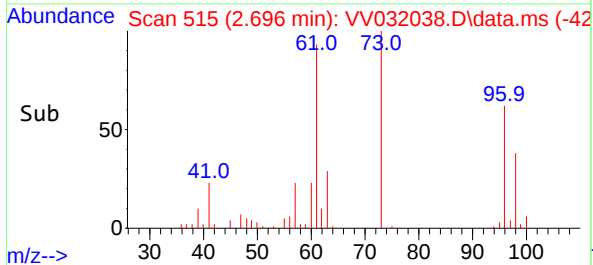
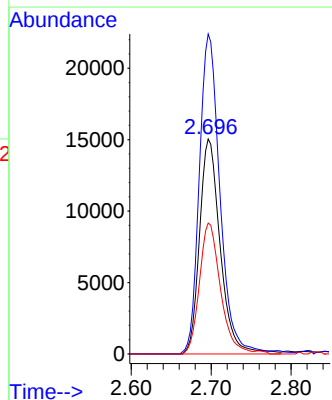
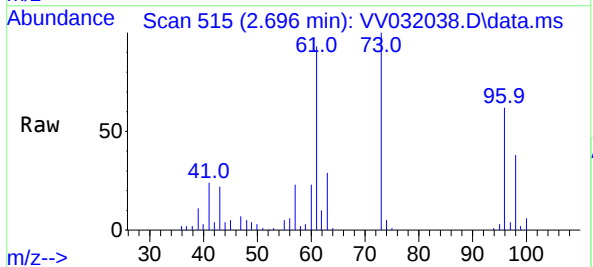
Instrument :
MSVOA_V
ClientSampleId :

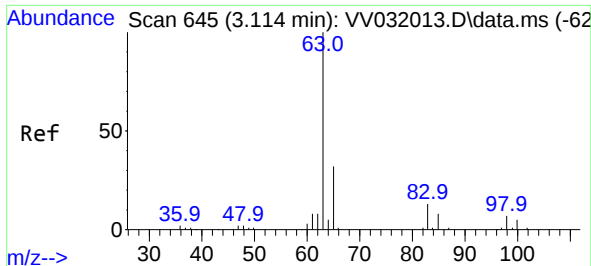
Tgt Ion: 73 Resp: 81188
Ion Ratio Lower Upper
73 100
43 21.7 15.6 23.4
57 23.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.285 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

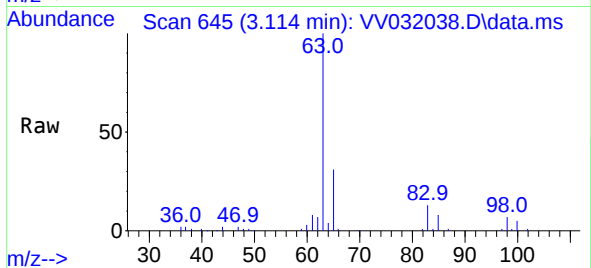
Tgt Ion: 96 Resp: 27129
Ion Ratio Lower Upper
96 100
61 148.8 106.8 198.4
98 60.9 44.9 83.3



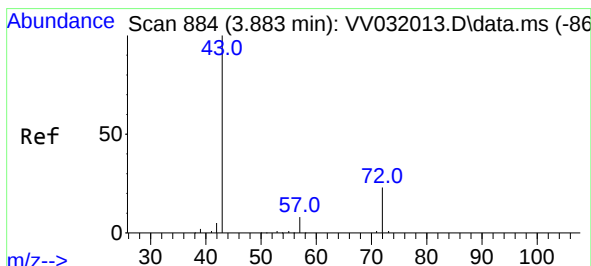
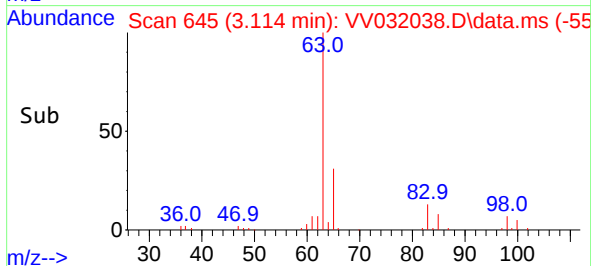
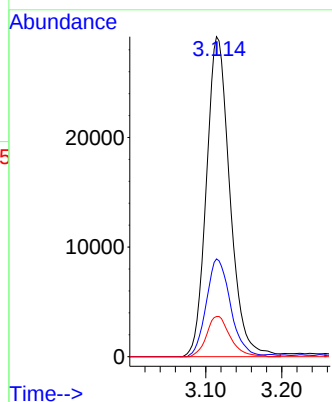


#19
1,1-Dichloroethane
Concen: 4.805 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

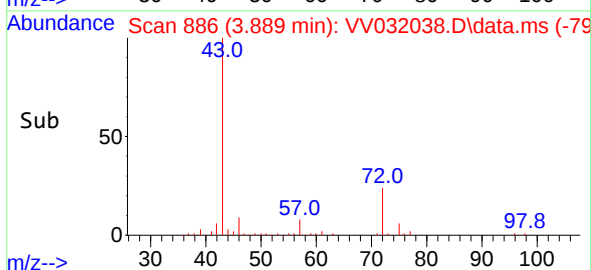
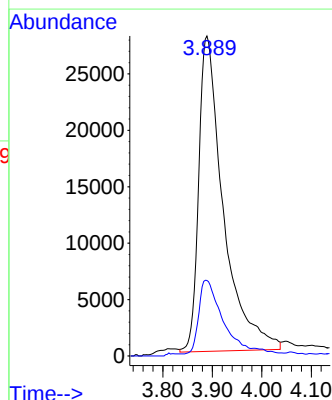
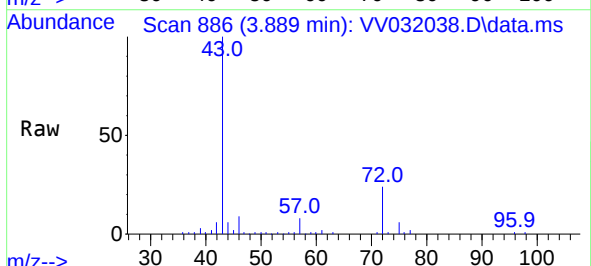


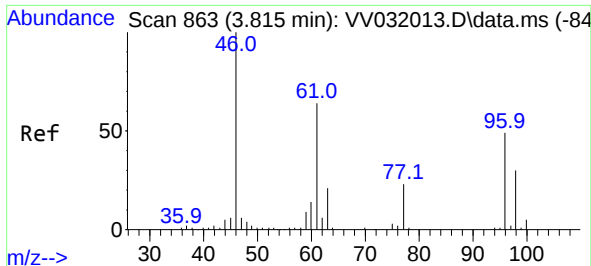
Tgt Ion: 63 Resp: 62660
Ion Ratio Lower Upper
63 100
65 30.6 21.9 40.7
83 12.5 9.2 17.2



#21
2-Butanone
Concen: 57.056 ug/L
RT: 3.889 min Scan# 886
Delta R.T. 0.010 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

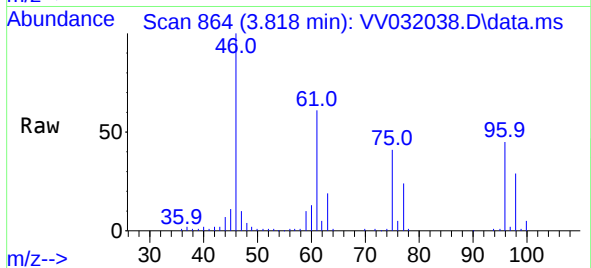
Tgt Ion: 43 Resp: 96596
Ion Ratio Lower Upper
43 100
72 22.2 9.0 27.0



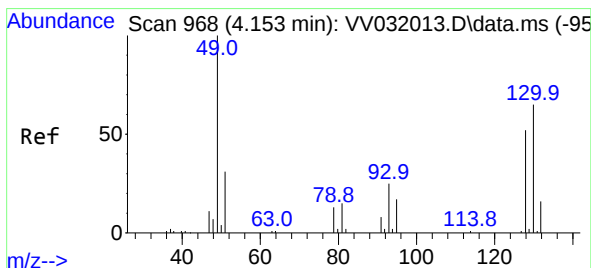
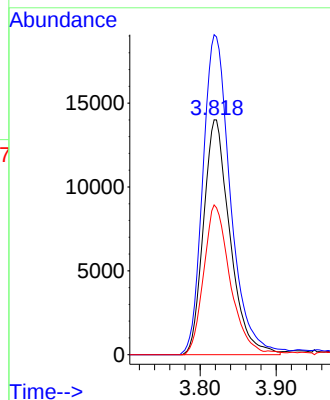
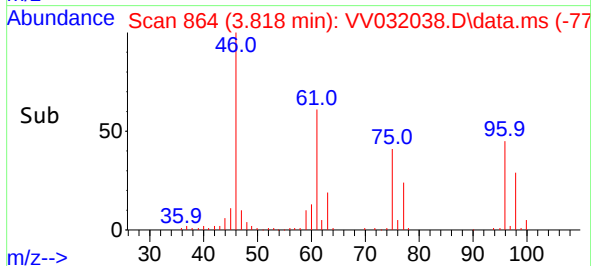


#22
cis-1,2-Dichloroethene
Concen: 4.641 ug/L
RT: 3.818 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

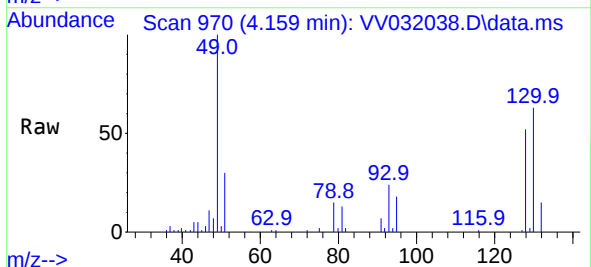
Instrument :
MSVOA_V
ClientSampleId :



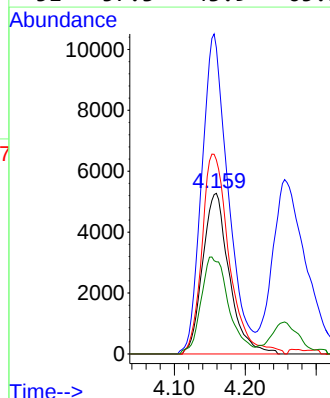
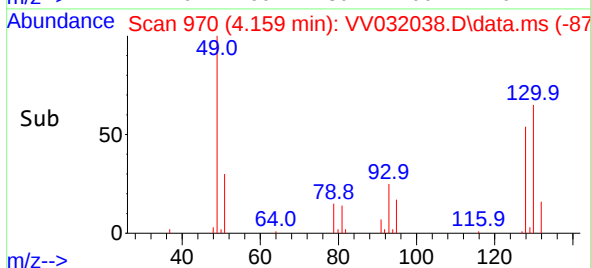
Tgt Ion: 96 Resp: 33847
Ion Ratio Lower Upper
96 100
61 136.3 94.1 174.8
98 63.8 43.8 81.4

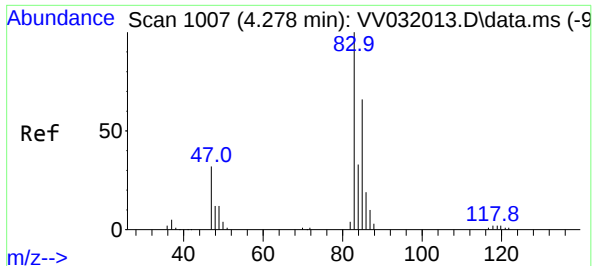


#23
Bromochloromethane
Concen: 4.749 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.007 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59



Tgt Ion: 128 Resp: 13744
Ion Ratio Lower Upper
128 100
49 190.6 123.7 229.7
130 120.8 84.3 156.5
51 57.3 43.9 65.9

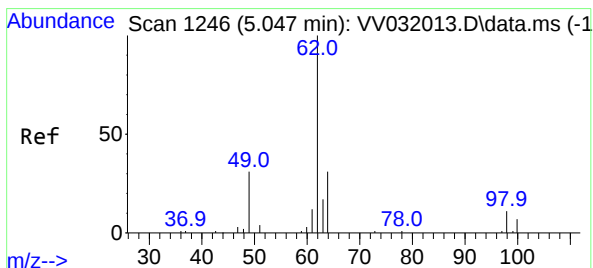
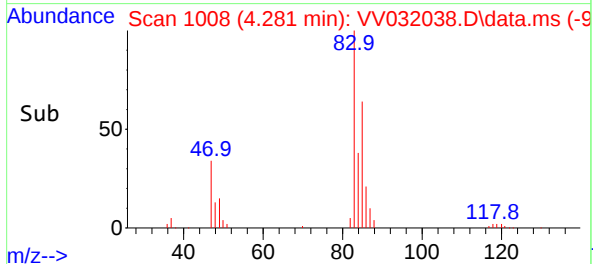
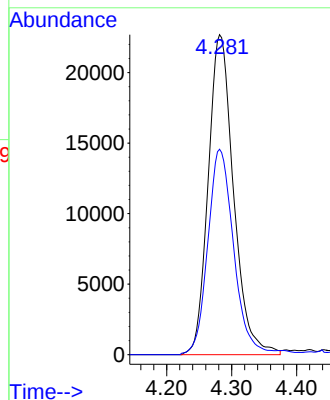
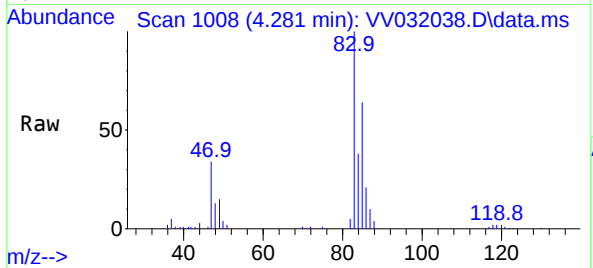




#25
Chloroform
Concen: 4.630 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

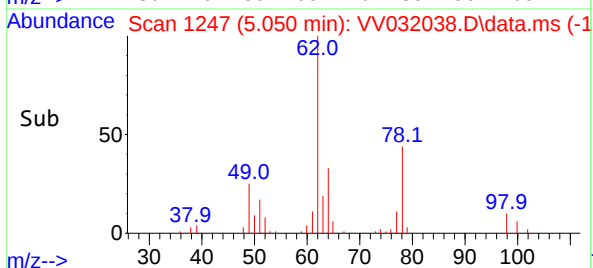
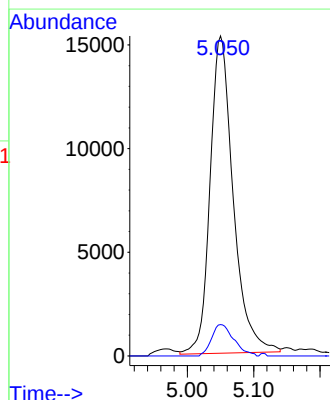
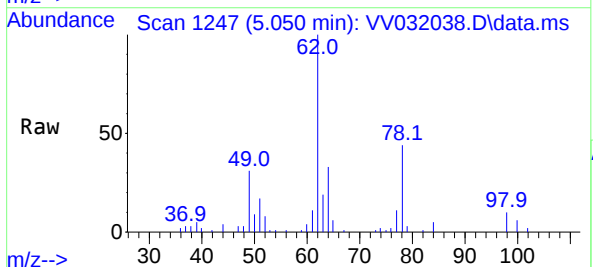
Instrument :
MSVOA_V
ClientSampleId :

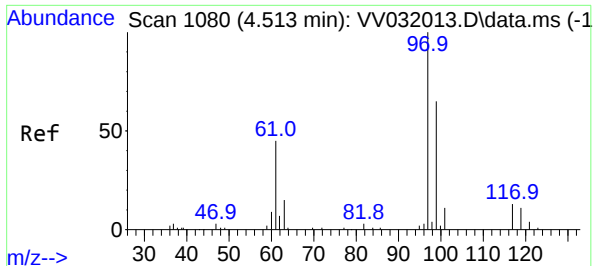
Tgt Ion: 83 Resp: 61542
Ion Ratio Lower Upper
83 100
85 64.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.670 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 62 Resp: 37120
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 4.095 ug/L

RT: 4.516 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

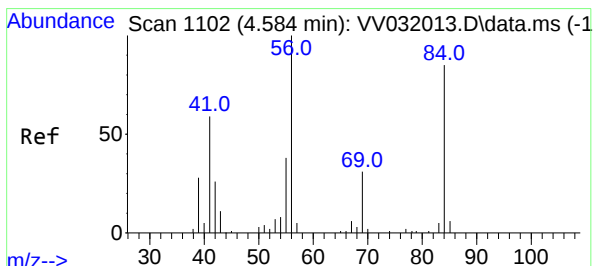
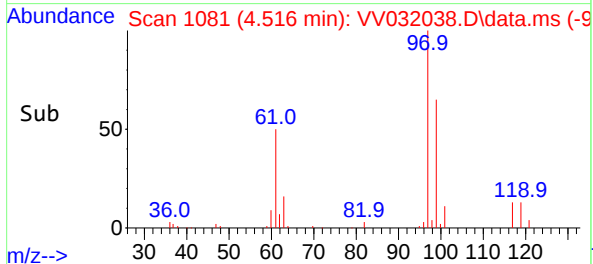
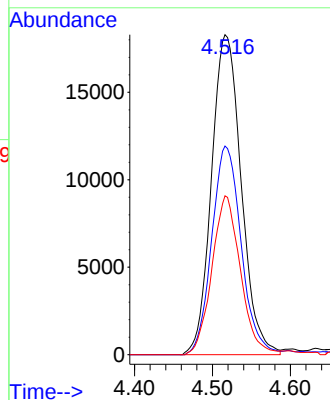
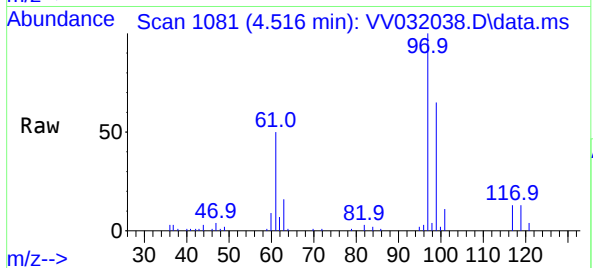
Tgt Ion: 97 Resp: 48475

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

61 47.6 35.5 53.3



#30

Cyclohexane

Concen: 3.780 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.007 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

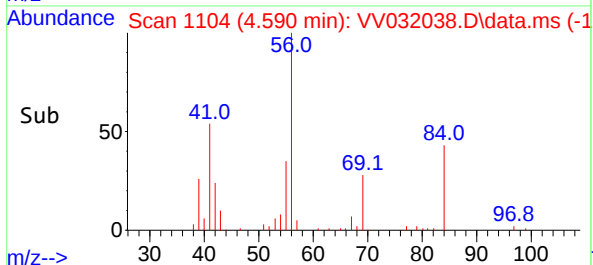
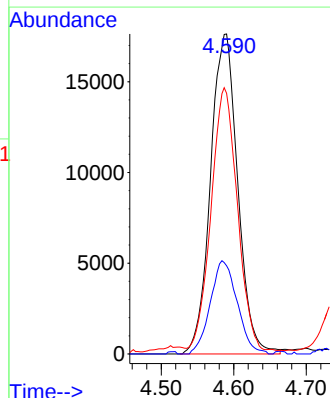
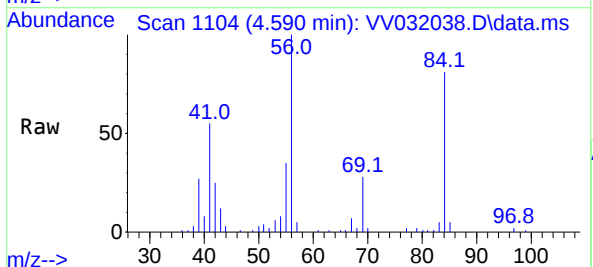
Tgt Ion: 56 Resp: 45983

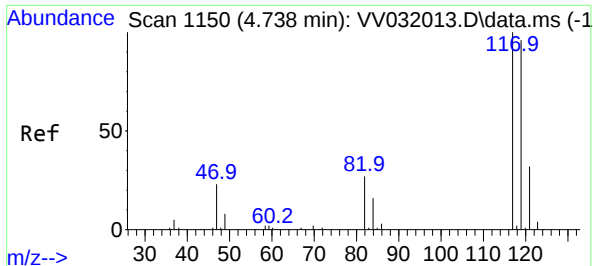
Ion Ratio Lower Upper

56 100

69 28.8 25.4 38.0

84 78.9 66.8 100.2

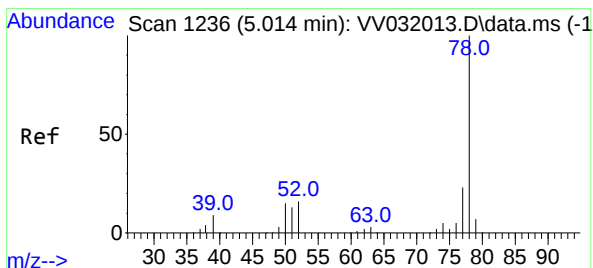
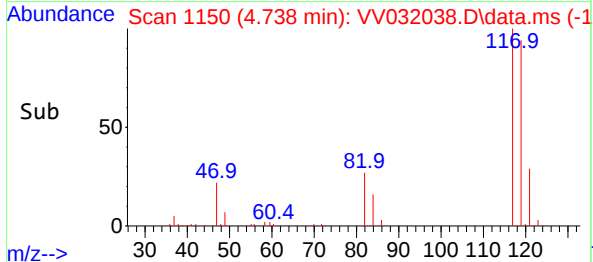
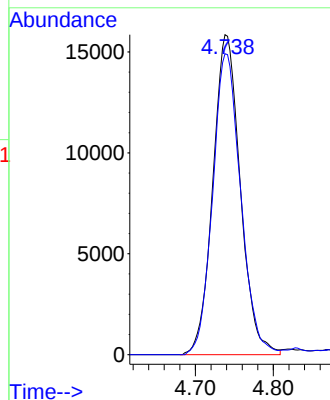
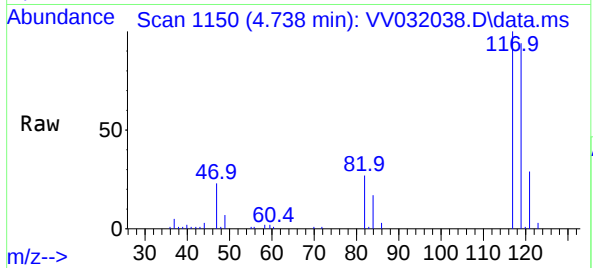




#31
Carbon tetrachloride
Concen: 4.050 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

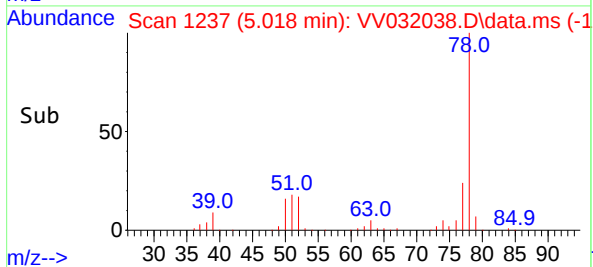
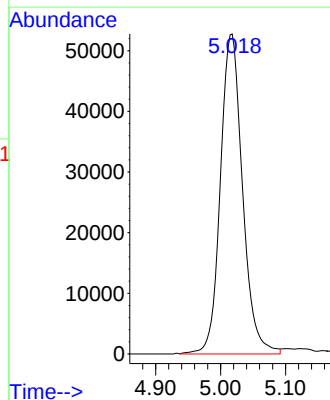
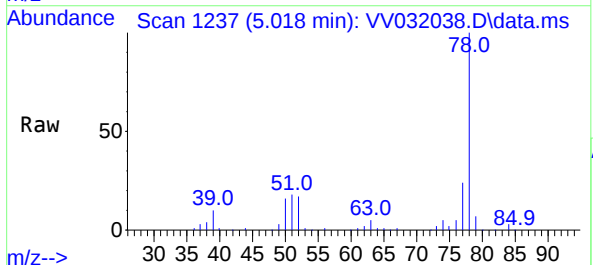
Instrument :
MSVOA_V
ClientSampleId :

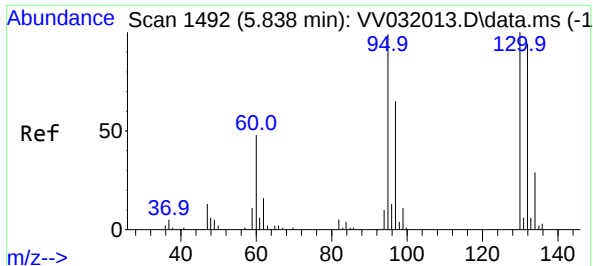
Tgt Ion:117 Resp: 38779
Ion Ratio Lower Upper
117 100
119 96.0 78.4 117.6



#33
Benzene
Concen: 4.416 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.007 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

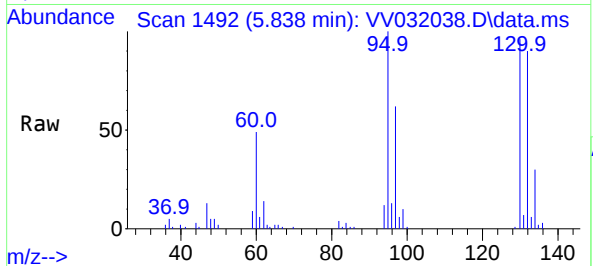
Tgt Ion: 78 Resp: 124668





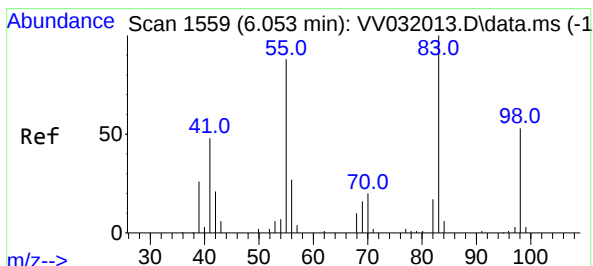
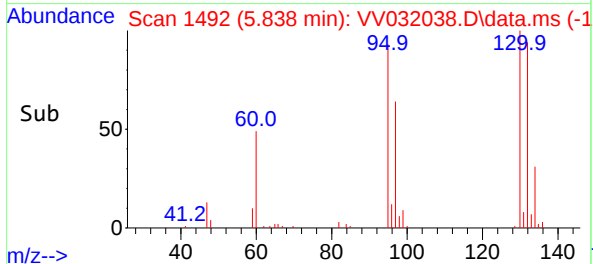
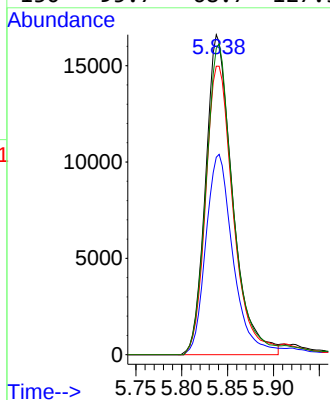
#34
Trichloroethene
Concen: 4.121 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 34005

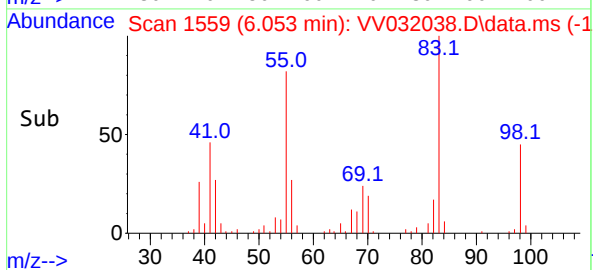
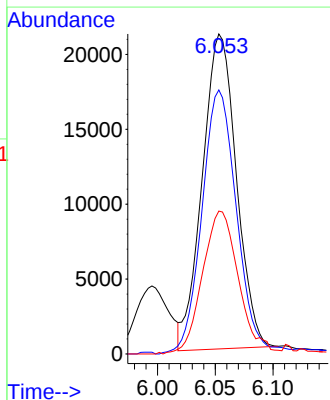
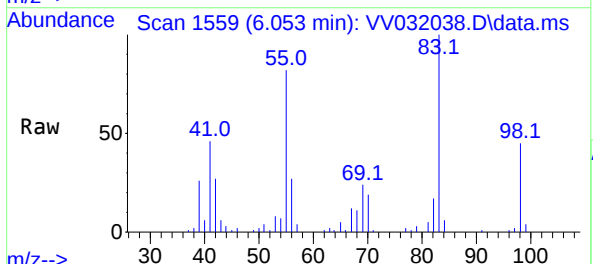
Ion	Ratio	Lower	Upper
95	100		
97	61.7	47.7	88.7
132	90.1	63.8	118.4
130	95.7	68.7	127.5

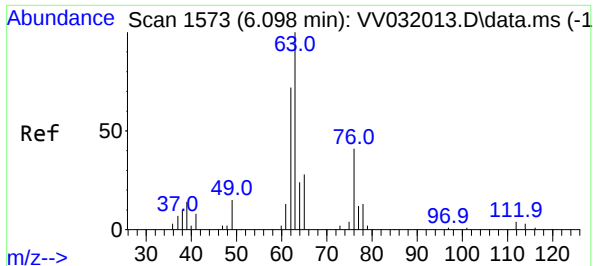


#35
Methylcyclohexane
Concen: 3.595 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 83 Resp: 43176

Ion	Ratio	Lower	Upper
83	100		
55	85.9	62.6	94.0
98	48.0	37.8	56.8

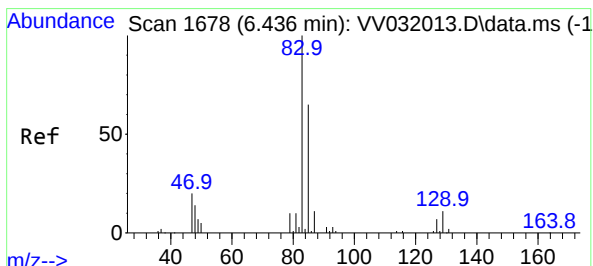
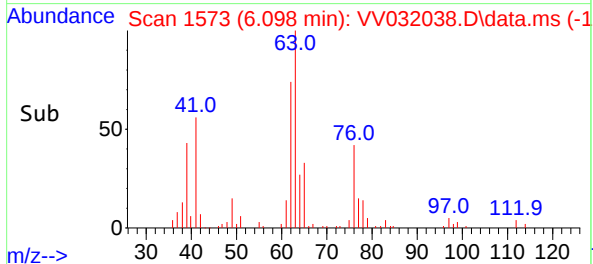
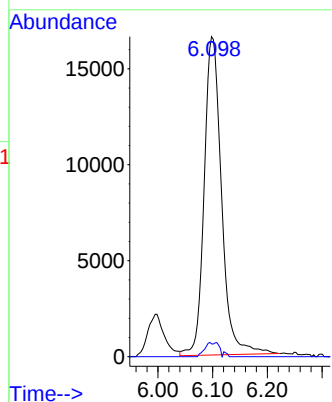
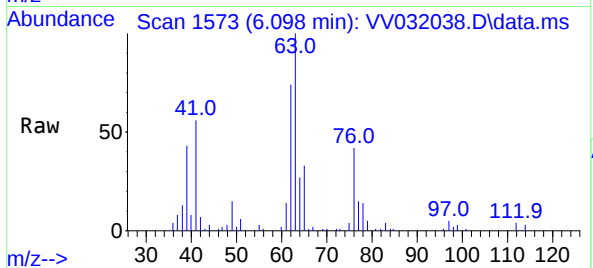




#37
1,2-Dichloropropane
Concen: 4.705 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

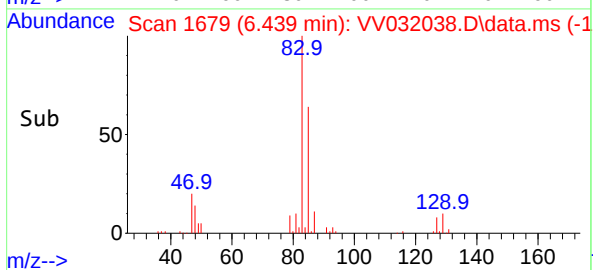
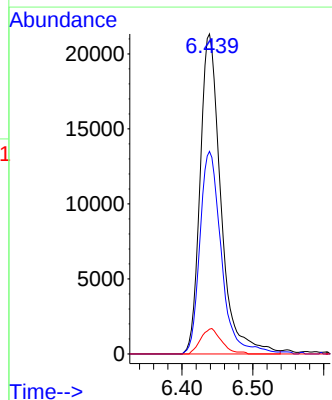
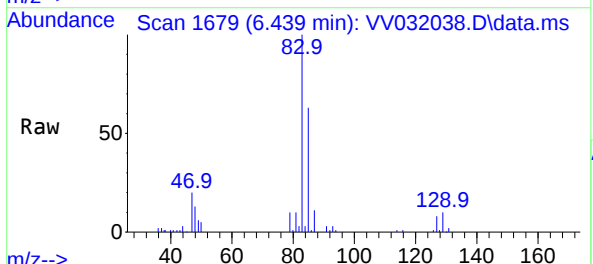
Instrument :
MSVOA_V
ClientSampleId :

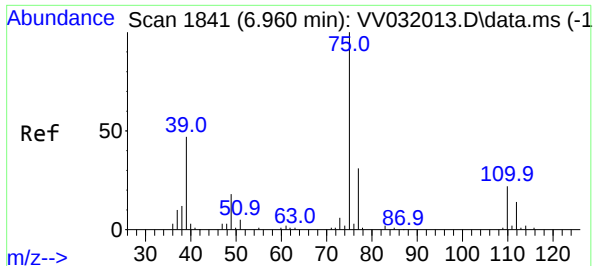
Tgt Ion: 63 Resp: 36592
Ion Ratio Lower Upper
63 100
112 2.3 3.4 5.2#



#38
Bromodichloromethane
Concen: 4.324 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 83 Resp: 43533
Ion Ratio Lower Upper
83 100
85 63.3 44.4 82.4
127 7.7 6.2 9.4

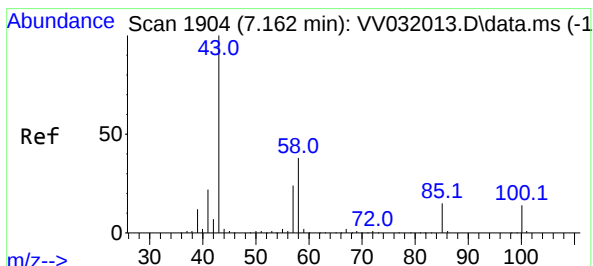
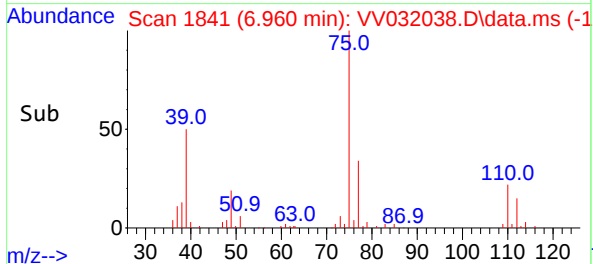
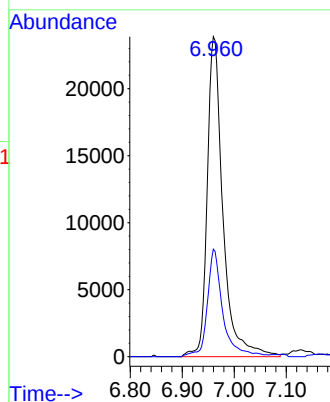
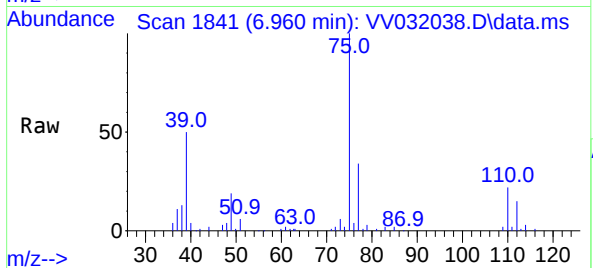




#39
cis-1,3-Dichloropropene
Concen: 4.237 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

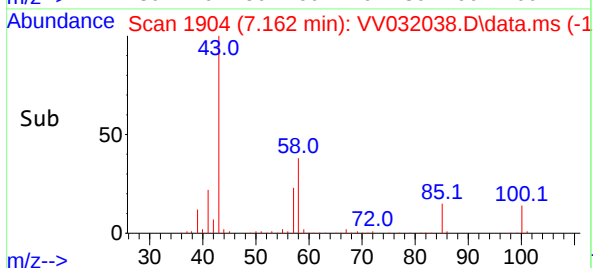
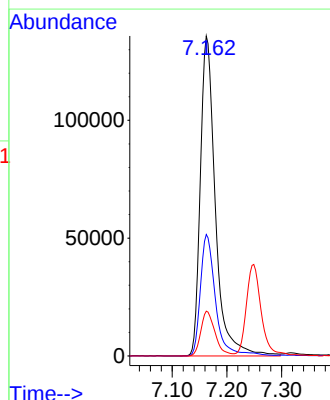
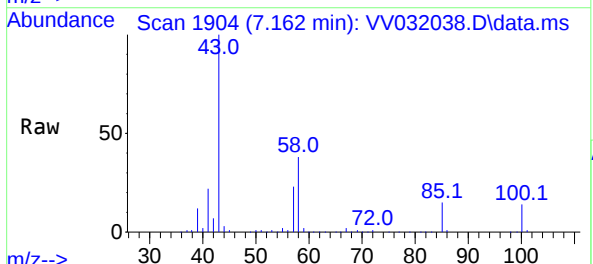
Instrument :
MSVOA_V
ClientSampleId :

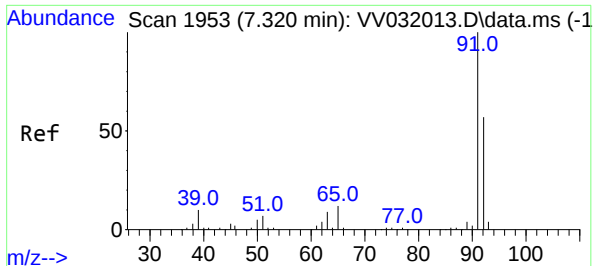
Tgt Ion: 75 Resp: 50132
Ion Ratio Lower Upper
75 100
77 33.6 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 53.197 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 43 Resp: 259323
Ion Ratio Lower Upper
43 100
58 38.2 29.0 43.6
100 13.3 10.7 16.1





#42

Toluene

Concen: 4.217 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

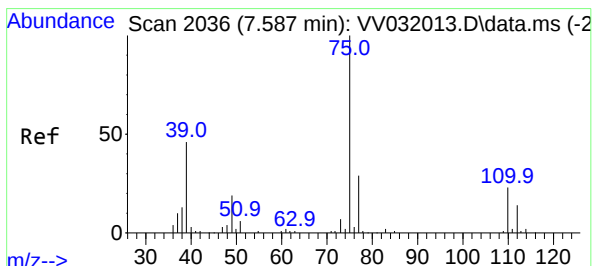
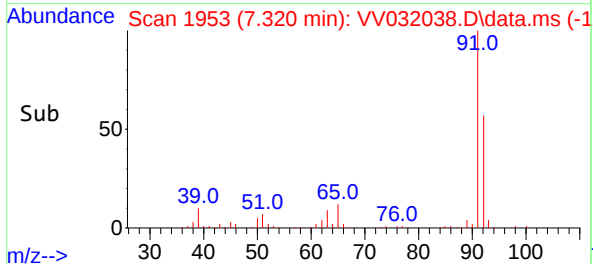
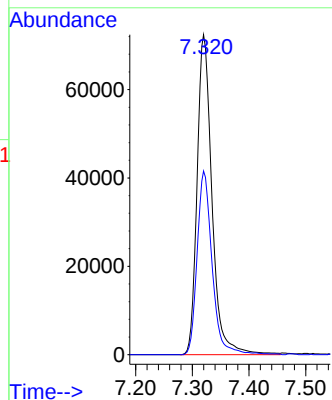
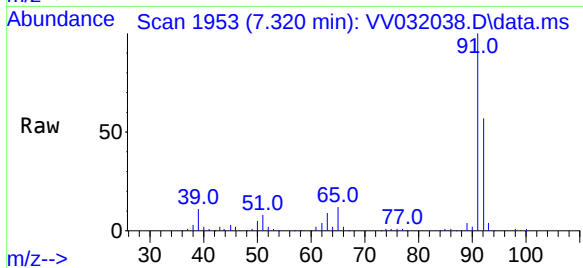
ClientSampleId :

Tgt Ion: 91 Resp: 132257

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.163 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032038.D

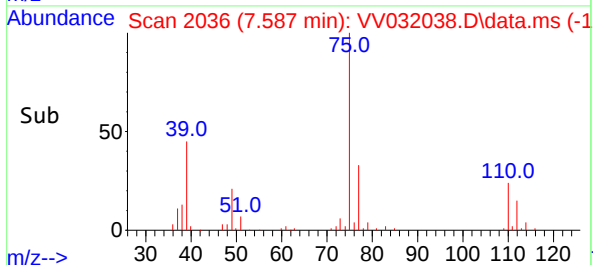
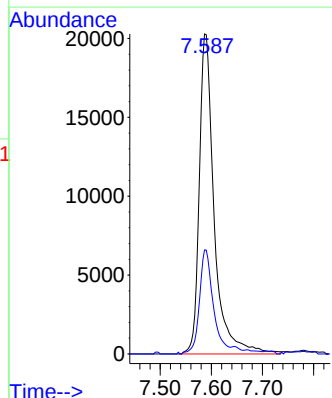
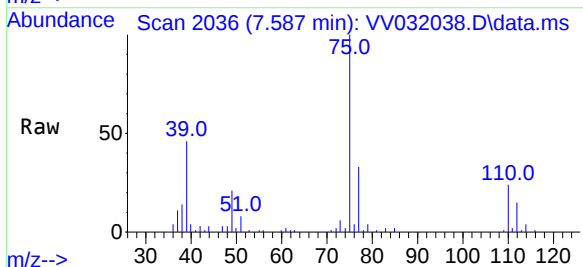
Acq: 11 Sep 2023 19:59

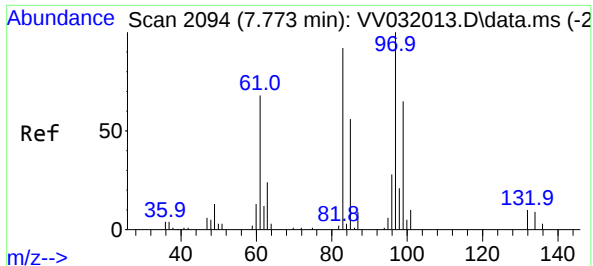
Tgt Ion: 75 Resp: 41125

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6

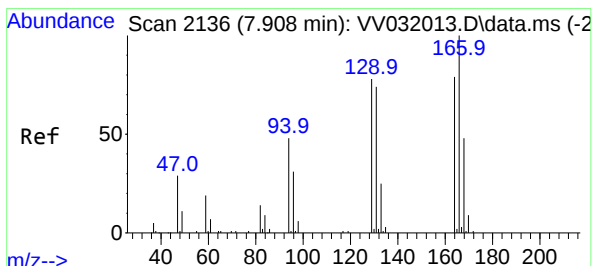
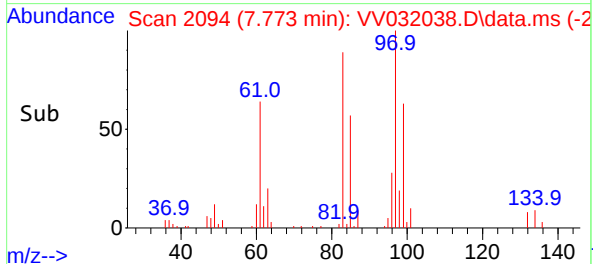
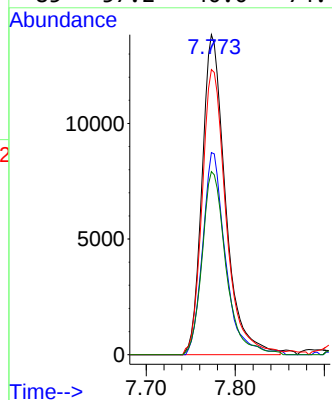
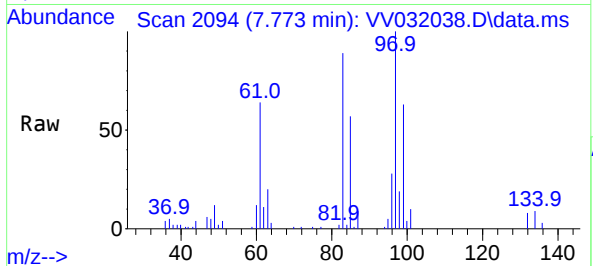




#45
1,1,2-Trichloroethane
Concen: 4.542 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

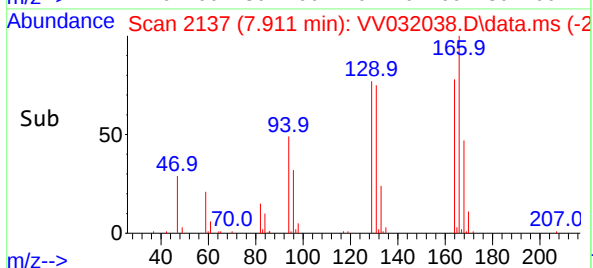
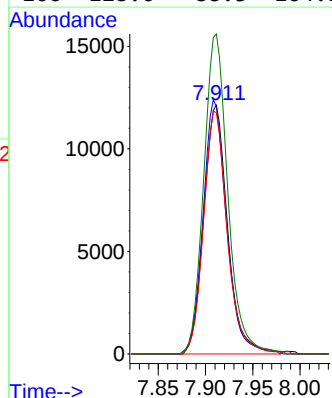
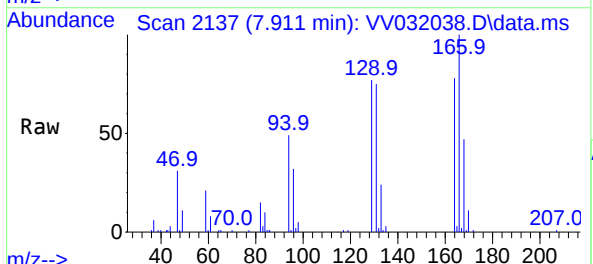
Instrument :
MSVOA_V
ClientSampleId :

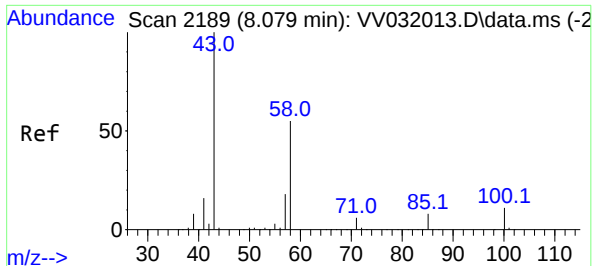
Tgt Ion:	97	Resp:	25285
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.3	82.3
83	89.1	62.7	116.5
85	57.2	40.0	74.4



#47
Tetrachloroethene
Concen: 4.059 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:	164	Resp:	21395
Ion	Ratio	Lower	Upper
164	100		
129	99.4	70.6	131.2
131	97.0	64.6	120.0
166	128.6	88.3	164.1

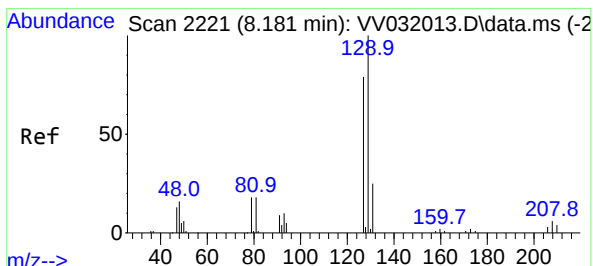
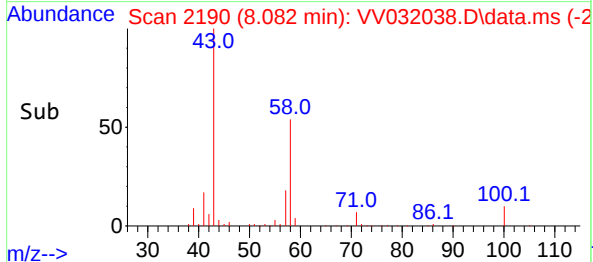
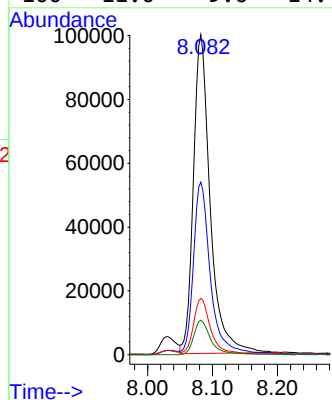
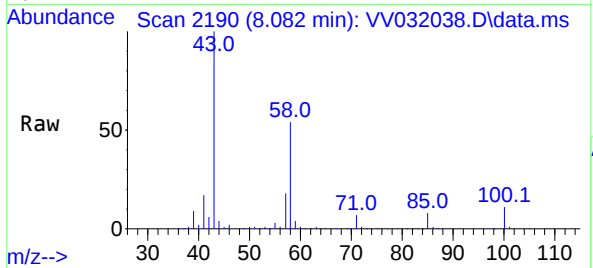




#48
2-Hexanone
Concen: 49.593 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

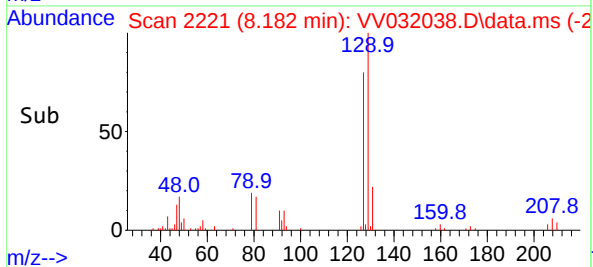
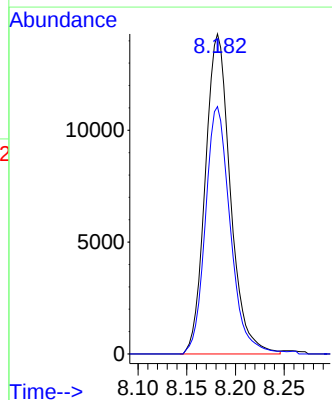
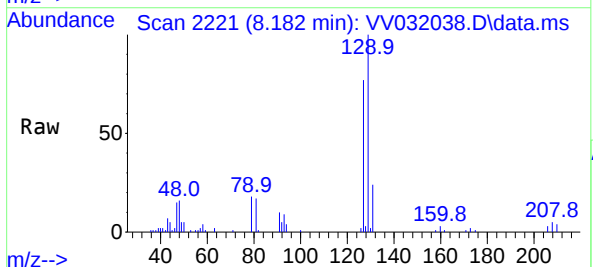
Instrument :
MSVOA_V
ClientSampleId :

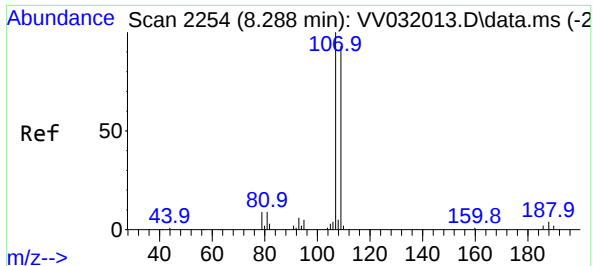
Tgt Ion: 43 Resp: 180622
Ion Ratio Lower Upper
43 100
58 54.2 44.3 66.5
57 17.7 14.3 21.5
100 11.0 9.6 14.4



#49
Dibromochloromethane
Concen: 4.416 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 129 Resp: 25622
Ion Ratio Lower Upper
129 100
127 77.3 53.7 99.7



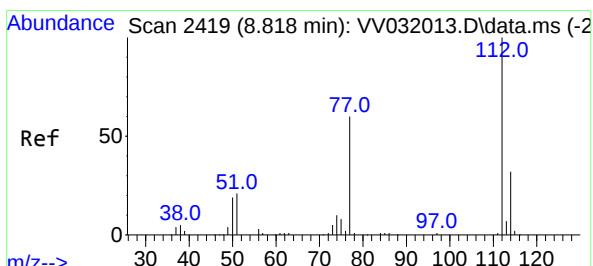
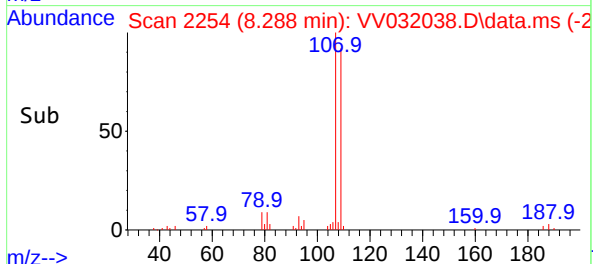
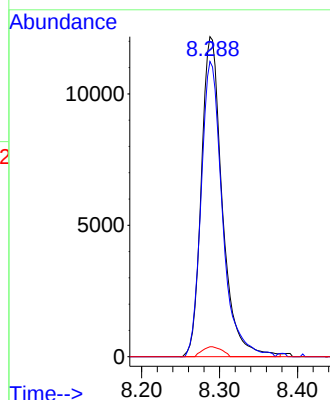
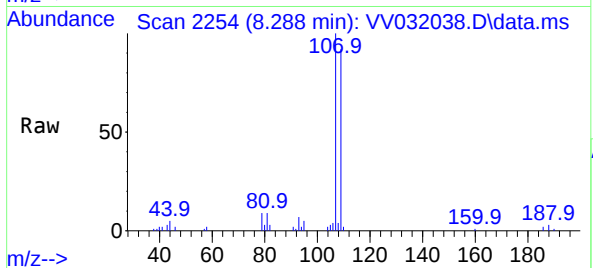


#50
1,2-Dibromoethane
Concen: 4.517 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 22739

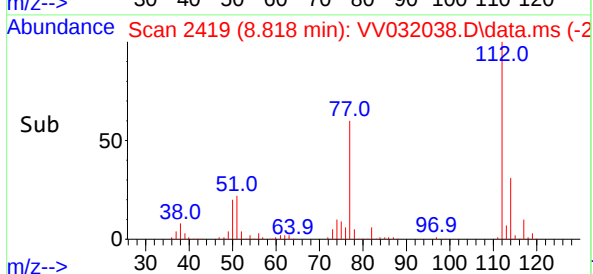
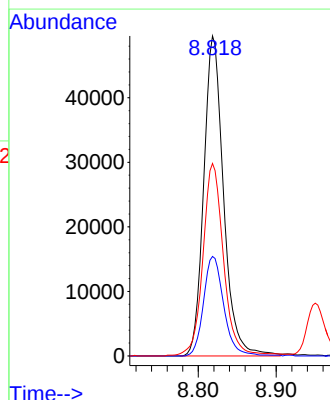
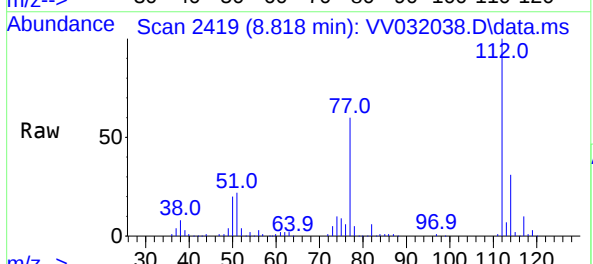
Ion	Ratio	Lower	Upper
107	100		
109	92.3	66.3	123.1
188	3.1	2.6	3.8

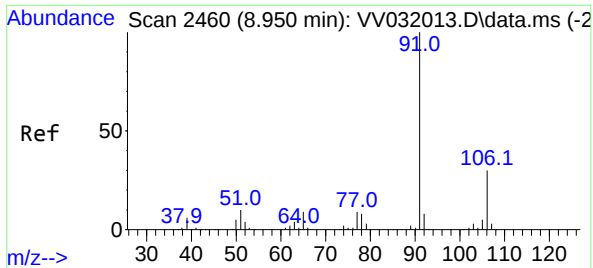


#51
Chlorobenzene
Concen: 4.415 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:112 Resp: 87676

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.3
77	60.2	50.6	75.8

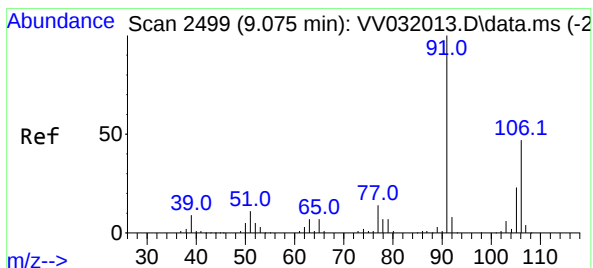
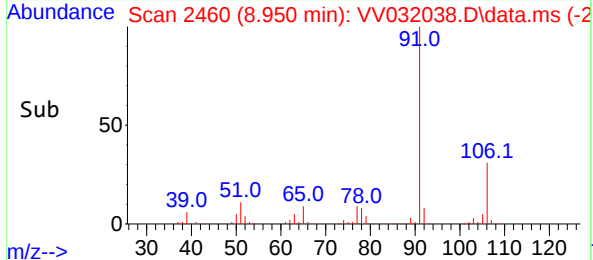
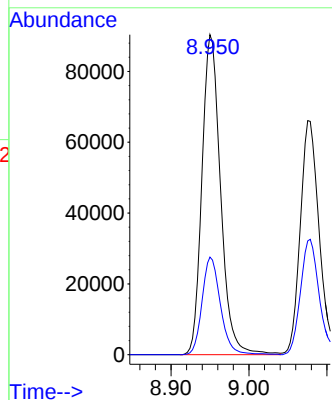
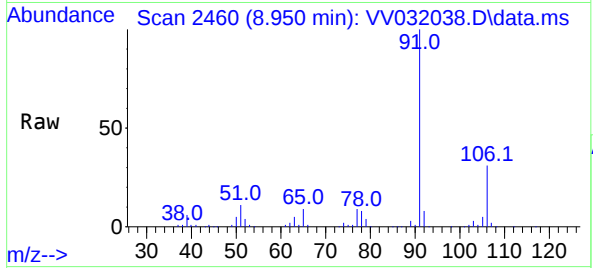




#52
Ethylbenzene
Concen: 4.163 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

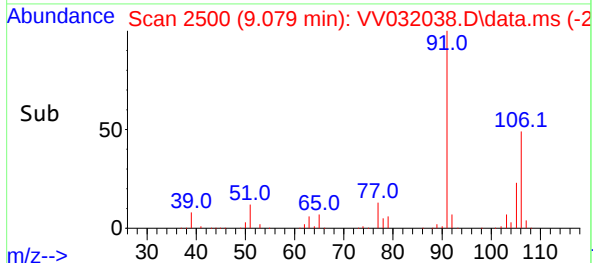
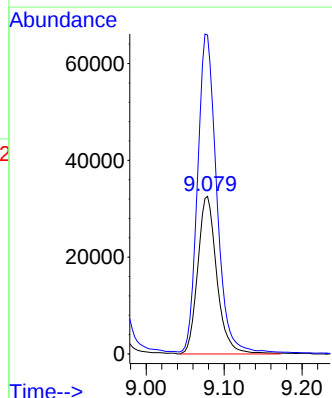
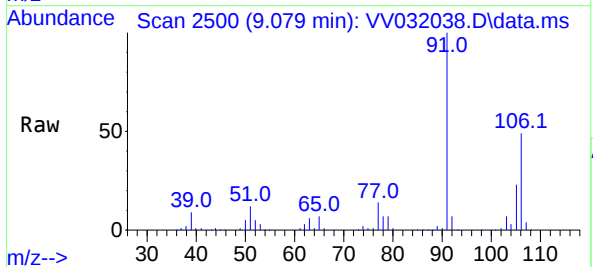
Instrument :
MSVOA_V
ClientSampleId :

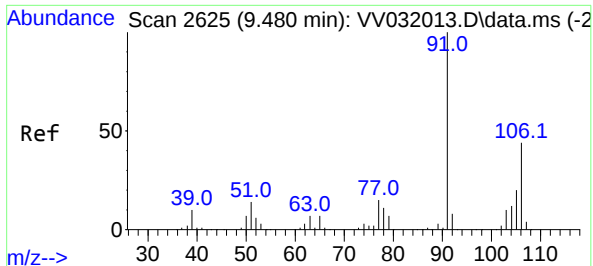
Tgt Ion: 91 Resp: 150103
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 4.079 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 106 Resp: 55400
Ion Ratio Lower Upper
106 100
91 202.3 142.7 265.1

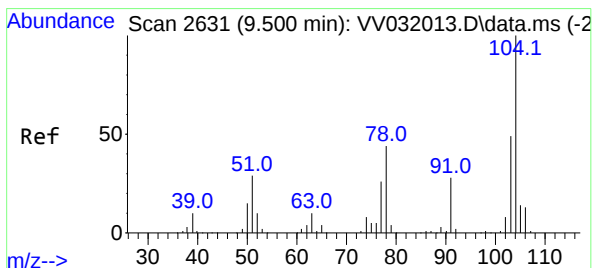
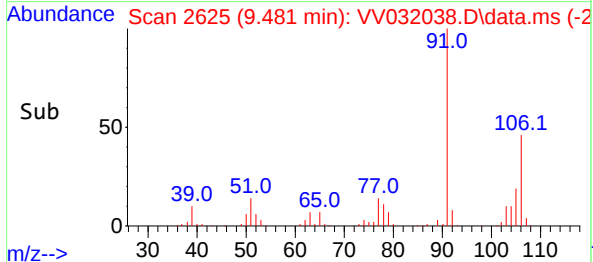
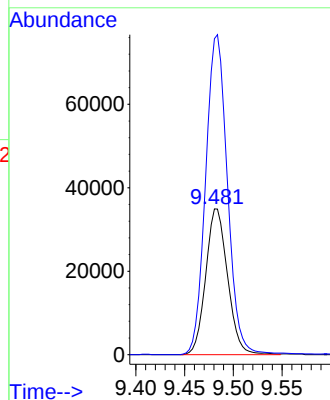
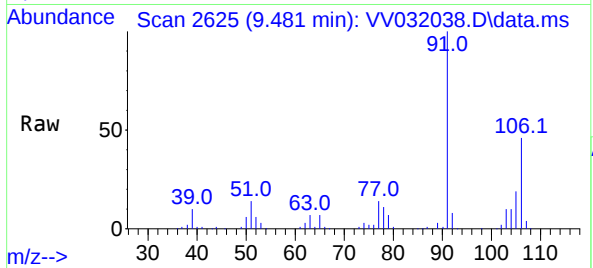




#54
o-Xylene
Concen: 4.163 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

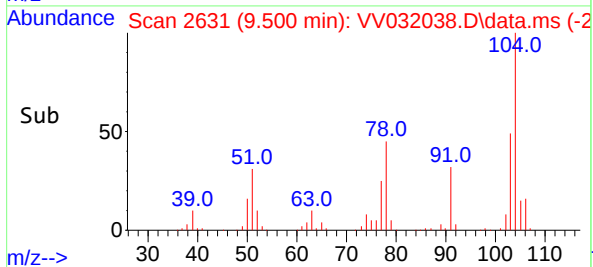
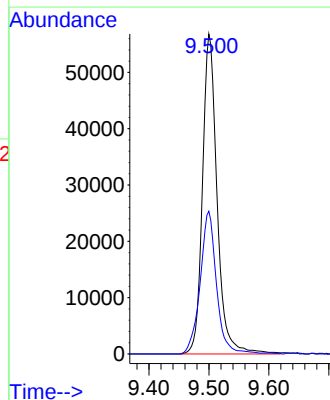
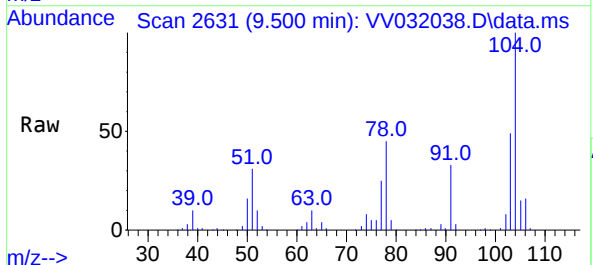
Instrument :
MSVOA_V
ClientSampleId :

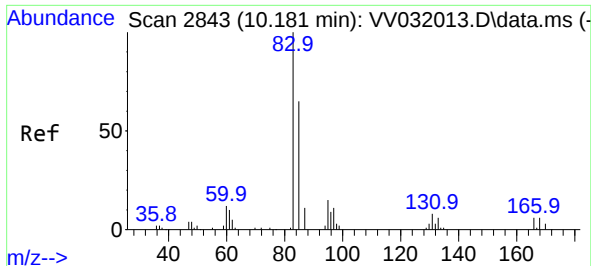
Tgt Ion:106 Resp: 54636
Ion Ratio Lower Upper
106 100
91 216.6 154.7 287.3



#55
Styrene
Concen: 4.266 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:104 Resp: 96583
Ion Ratio Lower Upper
104 100
78 44.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.214 ug/L

RT: 10.185 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :

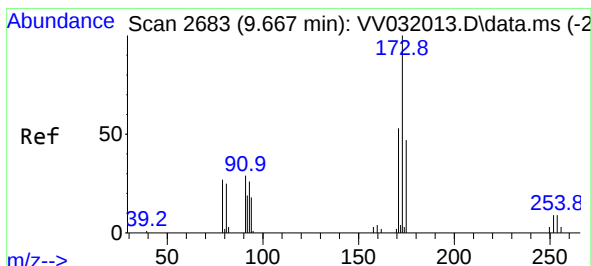
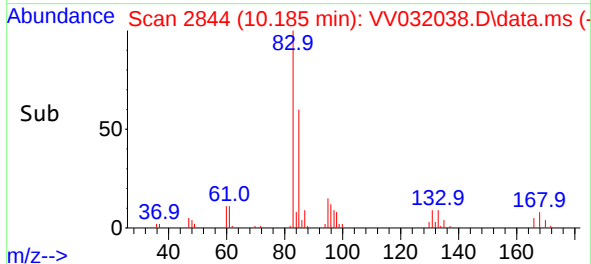
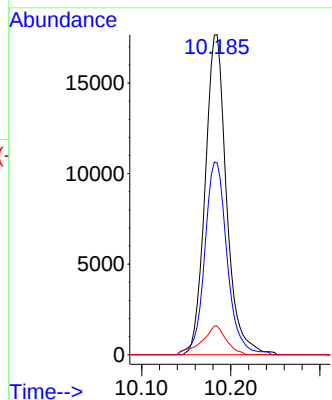
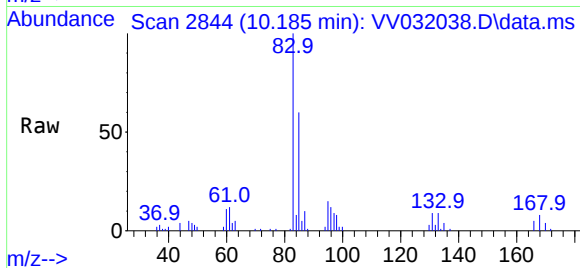
Tgt Ion: 83 Resp: 29387

Ion Ratio Lower Upper

83 100

85 60.0 46.6 86.6

131 9.0 7.4 11.2



#59

Bromoform

Concen: 3.948 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

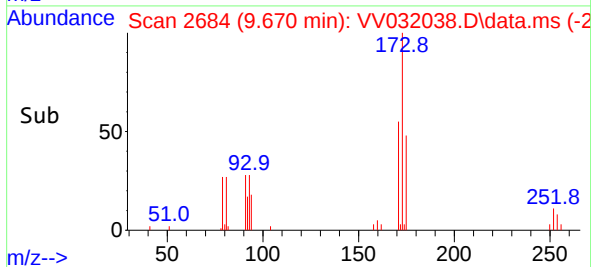
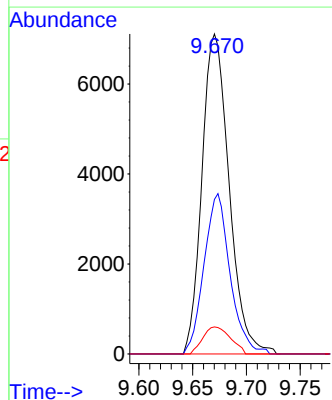
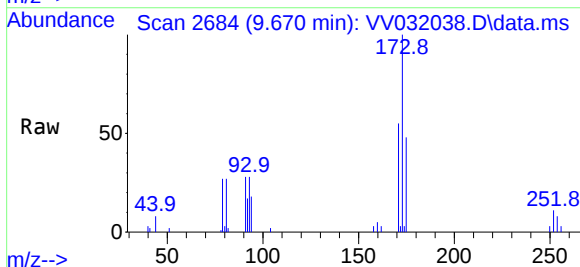
Tgt Ion: 173 Resp: 12498

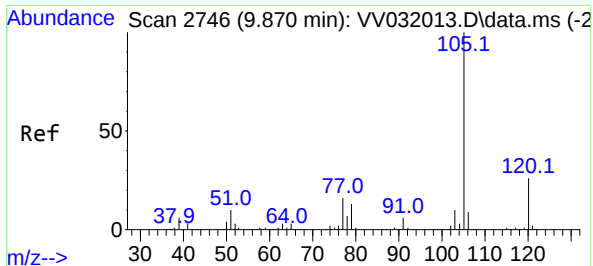
Ion Ratio Lower Upper

173 100

175 48.1 38.0 57.0

254 8.6 6.8 10.2

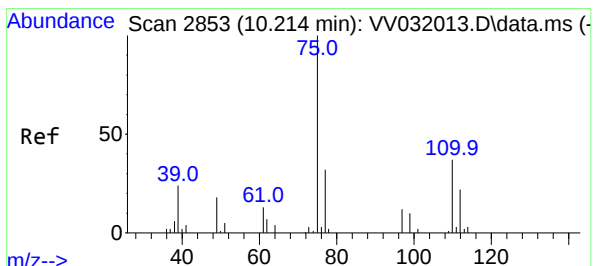
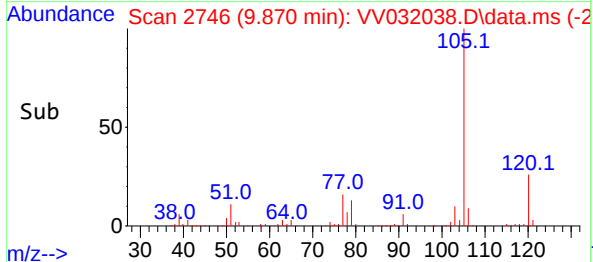
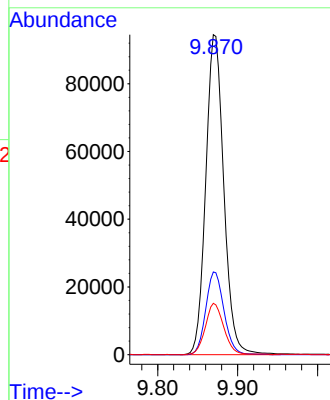
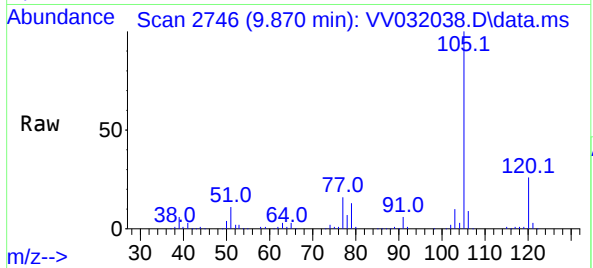




#60
Isopropylbenzene
Concen: 3.985 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

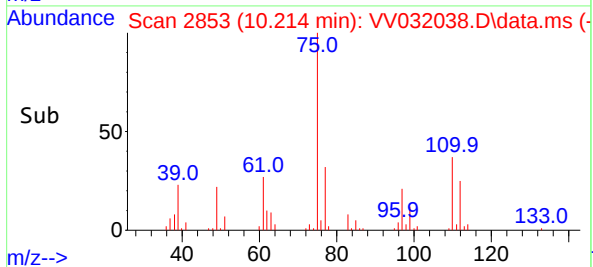
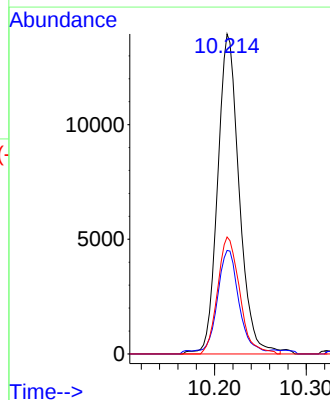
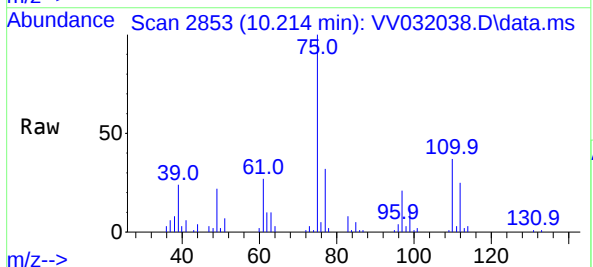
Instrument :
MSVOA_V
ClientSampleId :

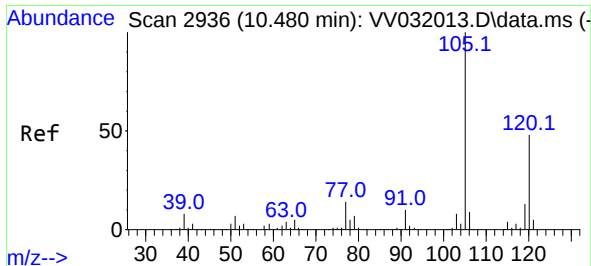
Tgt Ion:105 Resp: 148408
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 16.4 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.614 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion: 75 Resp: 22765
Ion Ratio Lower Upper
75 100
77 30.0 28.8 43.2
110 37.4 30.2 45.2

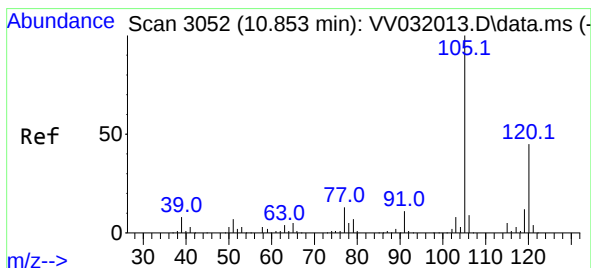
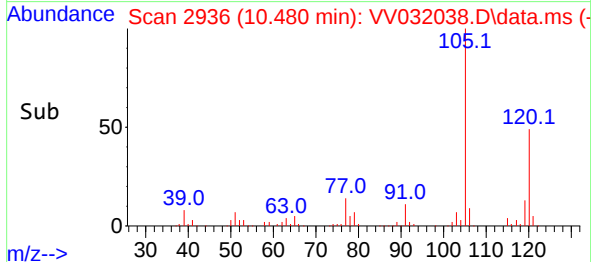
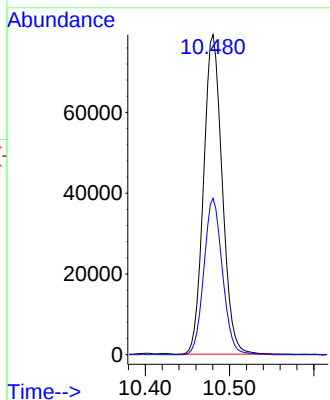
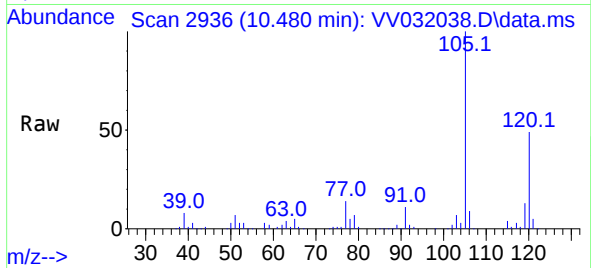




#62
1,3,5-Trimethylbenzene
Concen: 3.822 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

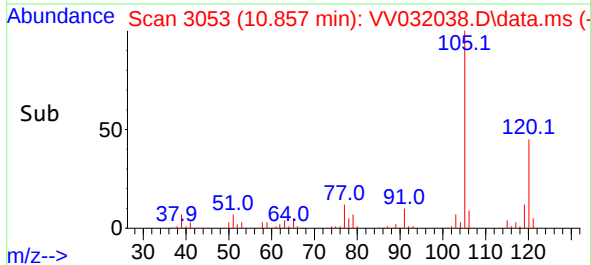
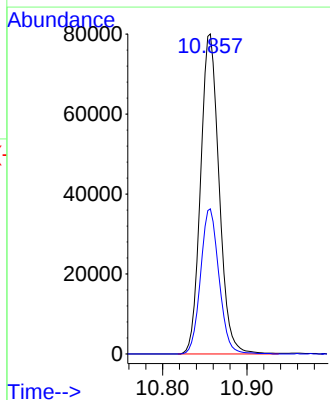
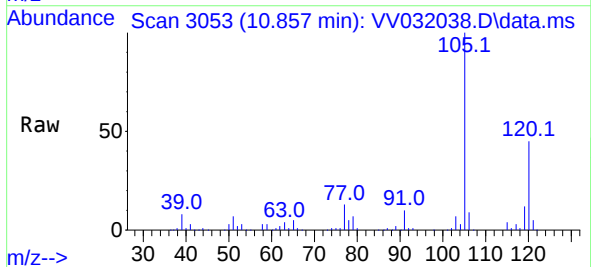
Instrument :
MSVOA_V
ClientSampleId :

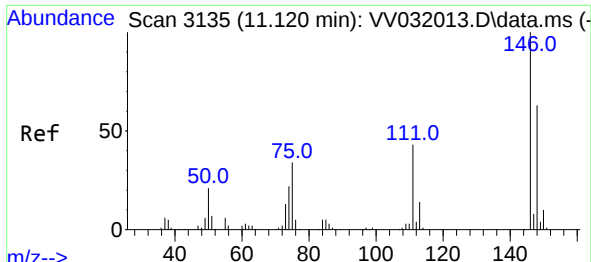
Tgt Ion:105 Resp: 122006
Ion Ratio Lower Upper
105 100
120 48.7 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 3.908 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

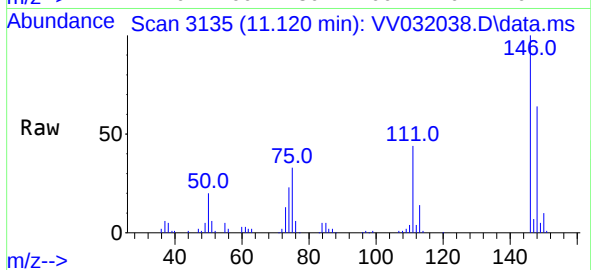
Tgt Ion:105 Resp: 122568
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.8



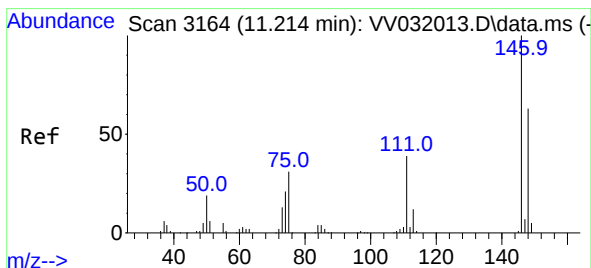
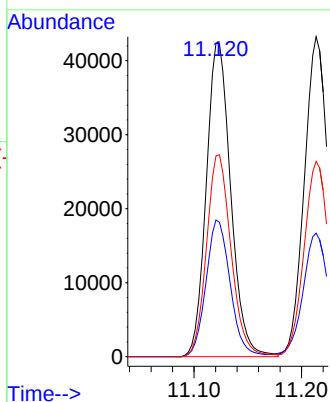


#64
1,3-Dichlorobenzene
Concen: 4.071 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :

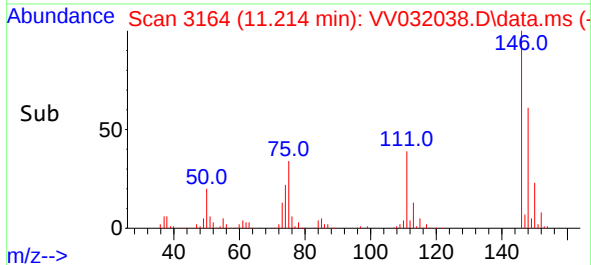
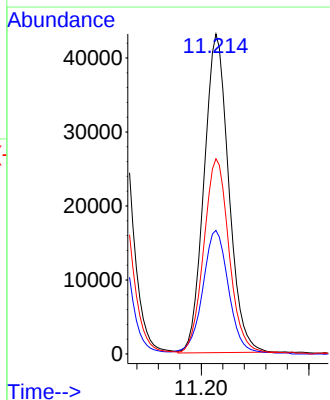
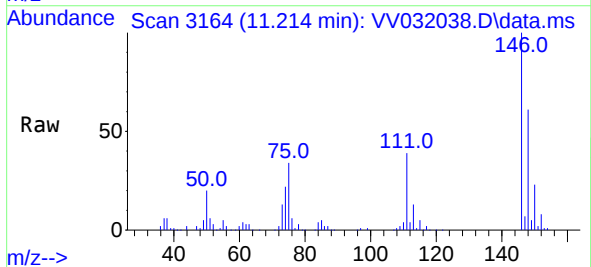


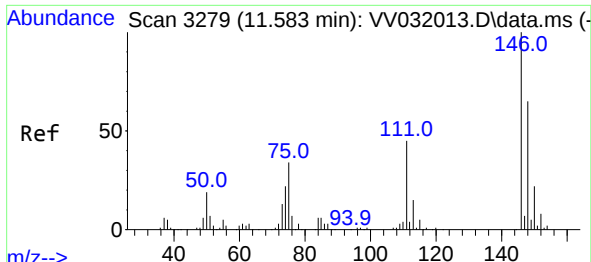
Tgt Ion:146 Resp: 67139
Ion Ratio Lower Upper
146 100
111 43.6 29.5 54.7
148 64.1 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 4.049 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:146 Resp: 68600
Ion Ratio Lower Upper
146 100
111 38.6 29.2 54.2
148 61.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 4.225 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

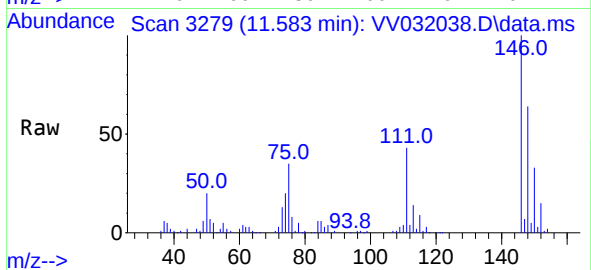
Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :



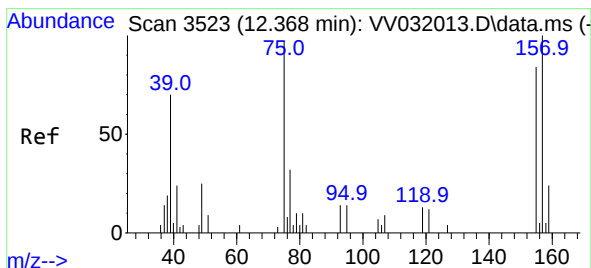
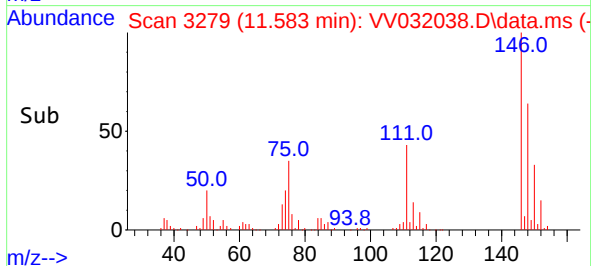
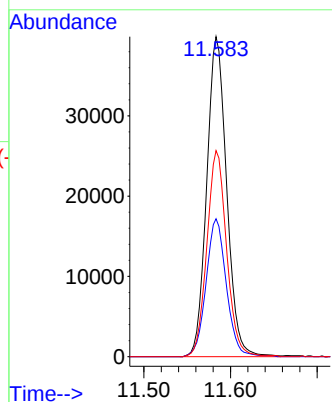
Tgt Ion:146 Resp: 63764

Ion Ratio Lower Upper

146 100

111 43.1 34.8 52.2

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.052 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

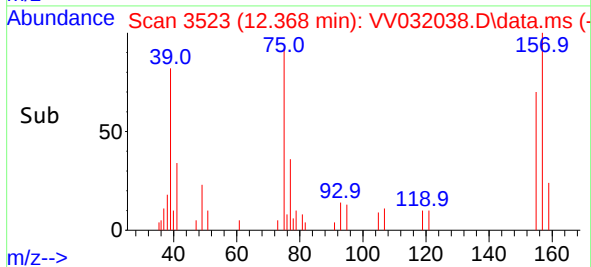
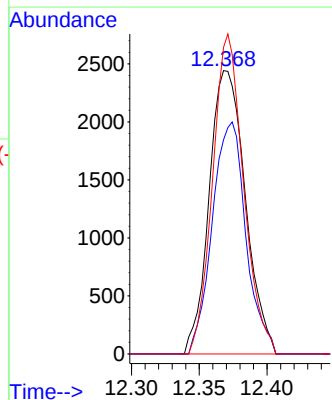
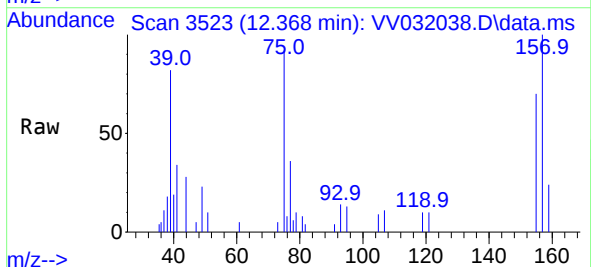
Tgt Ion: 75 Resp: 4529

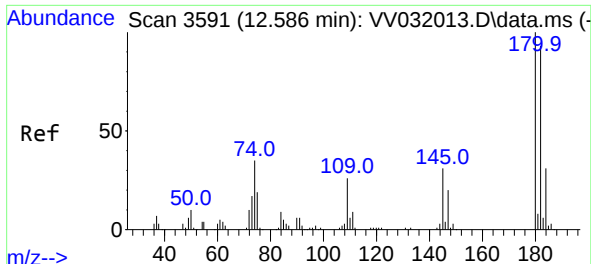
Ion Ratio Lower Upper

75 100

155 75.6 56.1 84.1

157 108.3 71.1 106.7#





#69

1,3,5-Trichlorobenzene

Concen: 3.962 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.000 min

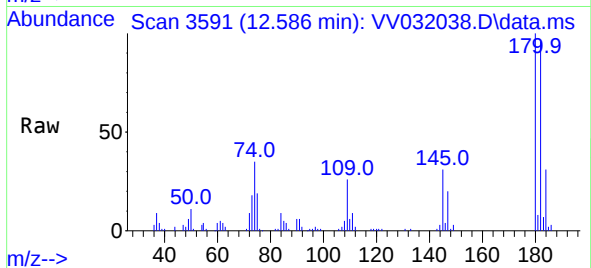
Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 48569

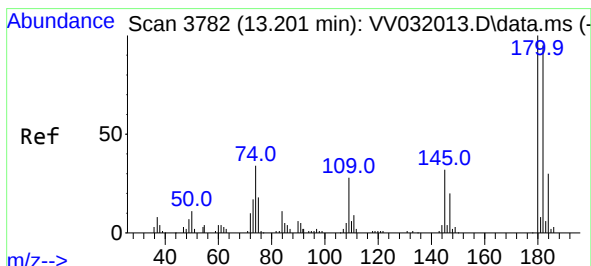
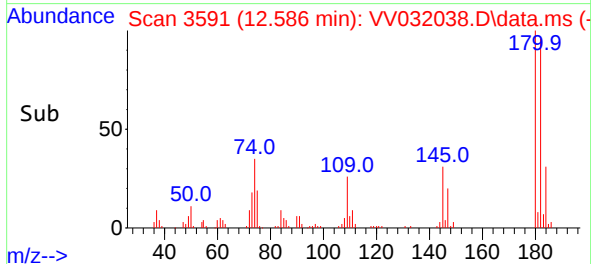
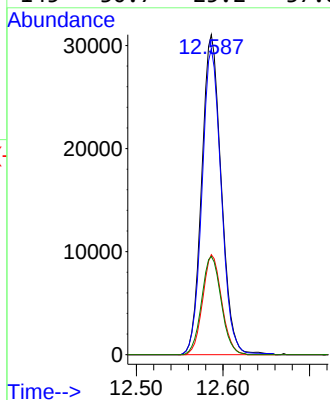
Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

184 30.3 23.9 35.9

145 30.7 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 3.909 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV032038.D

Acq: 11 Sep 2023 19:59

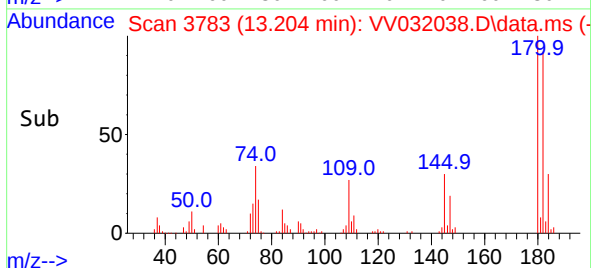
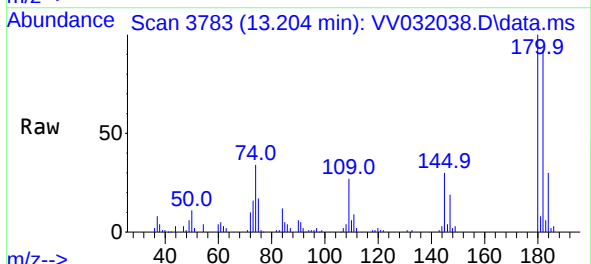
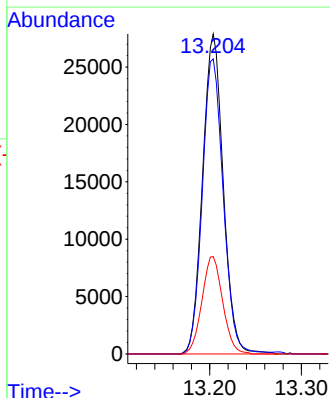
Tgt Ion:180 Resp: 43691

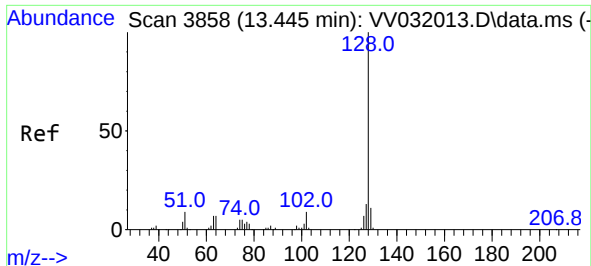
Ion Ratio Lower Upper

180 100

182 93.4 76.9 115.3

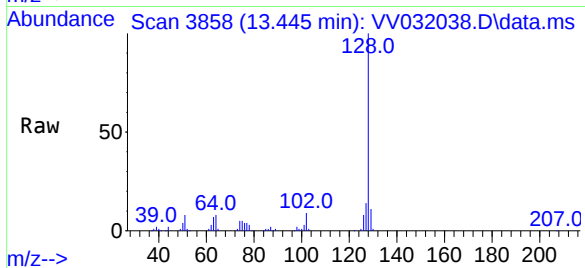
145 30.5 26.6 39.8



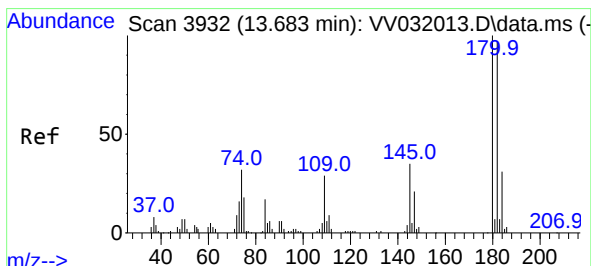
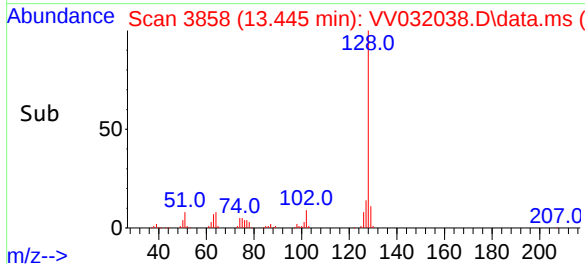
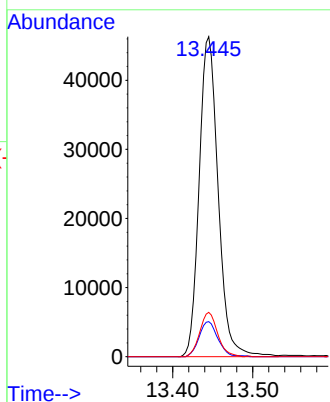


#71
Naphthalene
Concen: 3.638 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 76584
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.021 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032038.D
Acq: 11 Sep 2023 19:59

Tgt Ion:180 Resp: 37841
Ion Ratio Lower Upper
180 100
182 92.5 75.9 113.9
145 33.5 27.3 40.9

