

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 01:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	186508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	193548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	5815	0.381	ug/L	0.00
7) Chloroethane-d5	1.536	69	6259	0.437	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3716	0.461	ug/L	0.00
20) 2-Butanone-d5	3.844	46	15008	3.635	ug/L	0.03
24) Chloroform-d	4.262	84	8948	0.259	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	7619	0.431	ug/L	0.00
32) Benzene-d6	4.966	84	25056	0.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	10236	0.510	ug/L	0.00
41) Toluene-d8	7.252	98	18646	0.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	2821	0.446	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	8322	2.807	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4361	0.289	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	8492	0.516	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	8774	0.446	ug/L	98
3) Chloromethane	1.217	50	9222	0.466	ug/L	99
5) Vinyl chloride	1.285	62	8235	0.430	ug/L	94
6) Bromomethane	1.491	94	6131	0.511	ug/L	100
8) Chloroethane	1.265	64	360	0.032	ug/L	97
9) Trichlorofluoromethane	1.716	101	12576	0.447	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7926	0.512	ug/L	96
12) 1,1-Dichloroethene	2.072	96	6475	0.461	ug/L	78
13) Acetone	2.130	43	12628	4.775	ug/L	91
14) Carbon disulfide	2.243	76	17459	0.404	ug/L	96
15) Methyl Acetate	2.400	43	3410	0.604	ug/L #	86
16) Methylene chloride	2.452	84	12021	0.637	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	11699	0.441	ug/L #	89
18) trans-1,2-Dichloroethene	2.699	96	6284	0.505	ug/L	98
19) 1,1-Dichloroethane	3.117	63	12017	0.448	ug/L #	87
21) 2-Butanone	3.748	43	196	0.058	ug/L	74
22) cis-1,2-Dichloroethene	3.831	96	5331	0.430	ug/L	97
23) Bromochloromethane	4.153	128	1495	0.240	ug/L #	38
25) Chloroform	4.236	83	1325	0.050	ug/L	84
27) 1,2-Dichloroethane	5.056	62	6876	0.412	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	10708	0.463	ug/L #	47
30) Cyclohexane	4.584	56	6754	0.409	ug/L #	83
31) Carbon tetrachloride	4.735	117	9531	0.460	ug/L	100
33) Benzene	5.021	78	20723	0.421	ug/L	100
34) Trichloroethene	5.847	95	6389	0.458	ug/L	85
35) Methylcyclohexane	6.050	83	5805	0.341	ug/L #	70
37) 1,2-Dichloropropane	6.101	63	6297	0.449	ug/L #	94
38) Bromodichloromethane	6.445	83	8886	0.481	ug/L #	96
39) cis-1,3-Dichloropropene	6.969	75	5807	0.335	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	25667	3.457	ug/L #	87
42) Toluene	7.326	91	17345	0.370	ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	5653	0.367	ug/L	91

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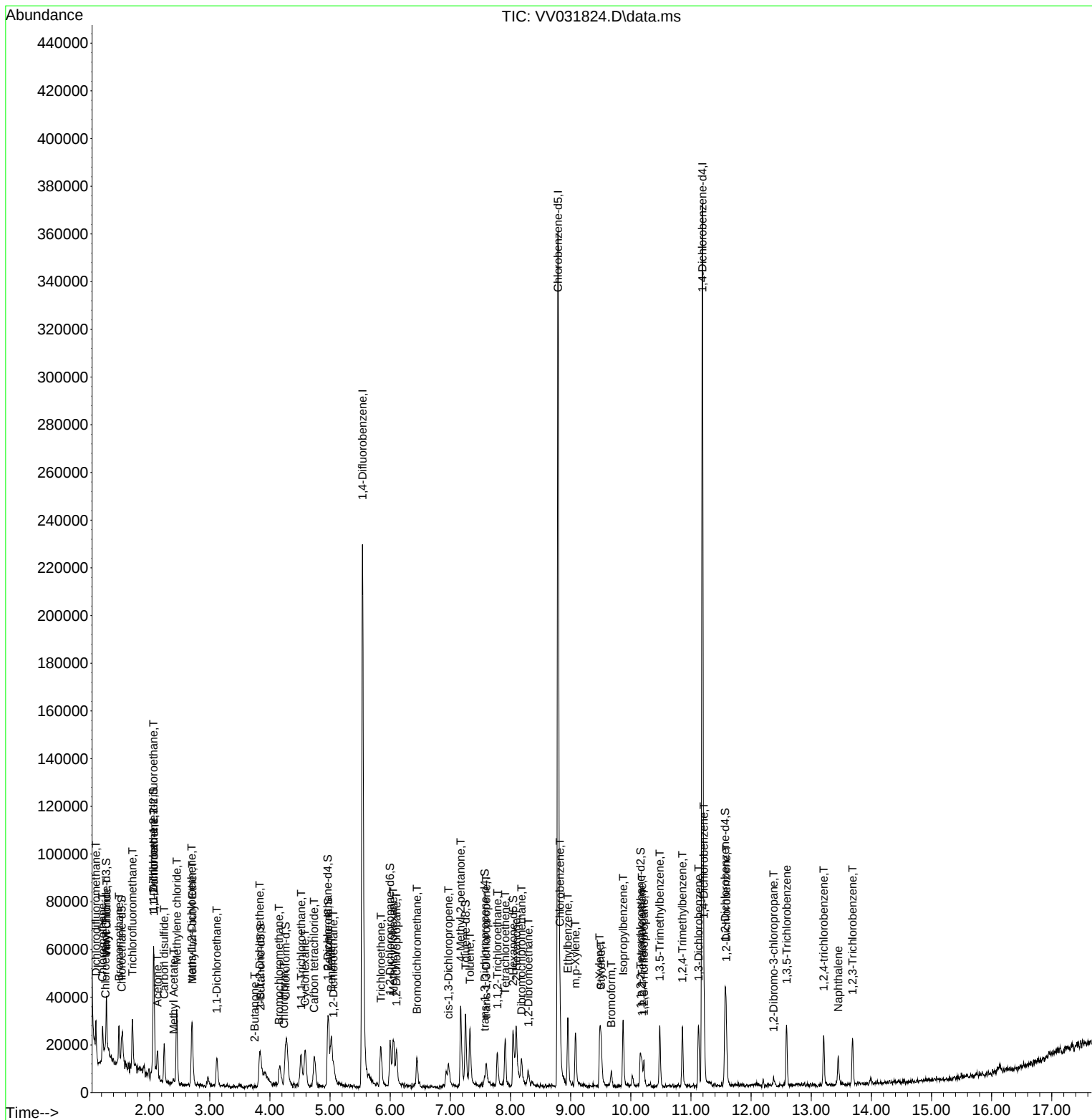
Quant Time: Aug 18 01:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
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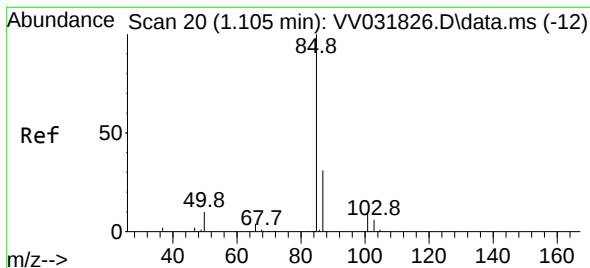
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.783	97	4884	0.466	ug/L #	69
47) Tetrachloroethene	7.912	164	4591	0.471	ug/L	95
48) 2-Hexanone	8.095	43	15331	2.802	ug/L #	86
49) Dibromochloromethane	8.185	129	5035	0.444	ug/L	89
50) 1,2-Dibromoethane	8.297	107	4133	0.420	ug/L #	98
51) Chlorobenzene	8.821	112	15259	0.486	ug/L	94
52) Ethylbenzene	8.953	91	18315	0.386	ug/L	97
53) m,p-Xylene	9.082	106	5322	0.309	ug/L	88
54) o-Xylene	9.481	106	1091	0.067	ug/L	75
55) Styrene	9.506	104	9387	0.309	ug/L #	75
57) 1,1,2,2-Tetrachloroethane	10.188	83	4863	0.442	ug/L #	87
59) Bromoform	9.673	173	2655	0.432	ug/L #	81
60) Isopropylbenzene	9.873	105	15864	0.385	ug/L	97
61) 1,2,3-Trichloropropane	10.220	75	4367	0.534	ug/L	90
62) 1,3,5-Trimethylbenzene	10.481	105	12645	0.381	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	12478	0.376	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	10540	0.468	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	10746	0.454	ug/L	90
67) 1,2-Dichlorobenzene	11.587	146	9730	0.454	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	644	0.396	ug/L #	36
69) 1,3,5-Trichlorobenzene	12.593	180	7351	0.444	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	6363	0.490	ug/L	95
71) Naphthalene	13.448	128	9096	0.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	5505	0.459	ug/L	97

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

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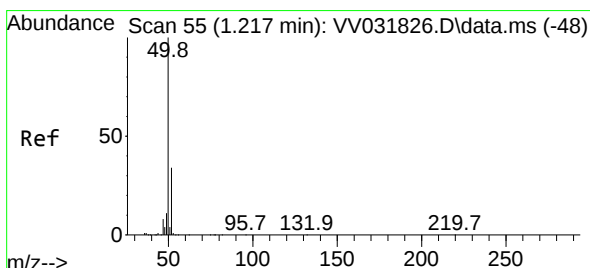
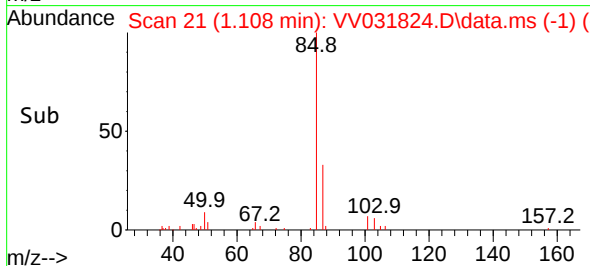
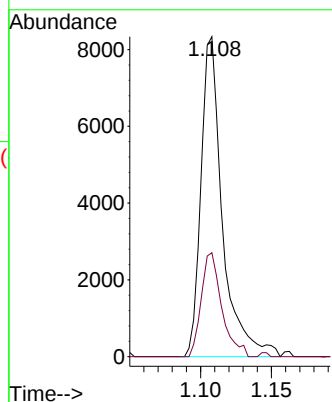
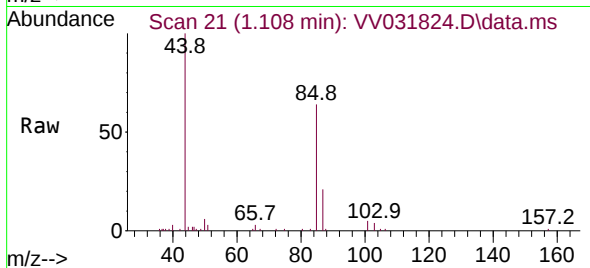




#2
 Dichlorodifluoromethane
 Concen: 0.446 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

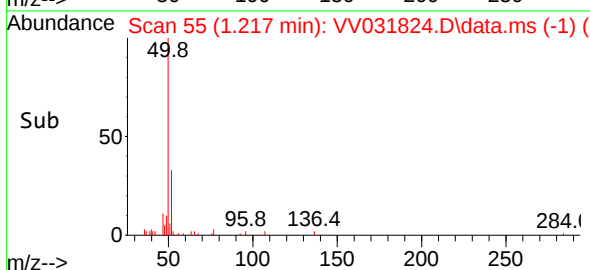
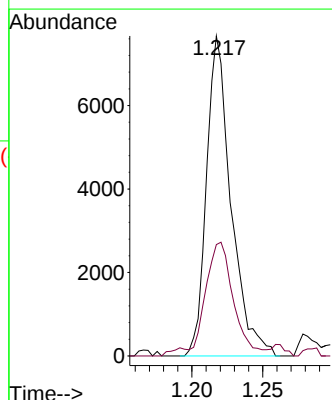
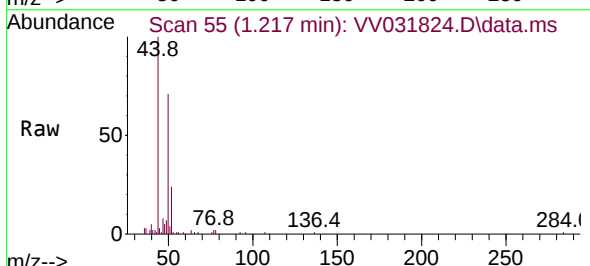
Instrument :
 MSVOA_V
 ClientSampleId :

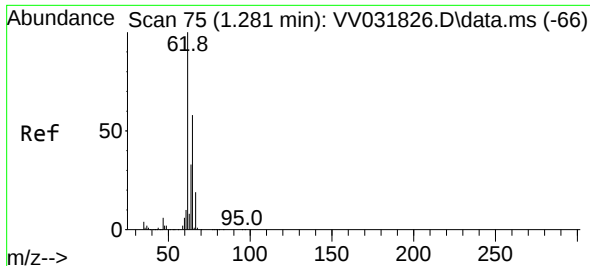
Tgt Ion: 85 Resp: 8774
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.5 38.3



#3
 Chloromethane
 Concen: 0.466 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

Tgt Ion: 50 Resp: 9222
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.8 44.2

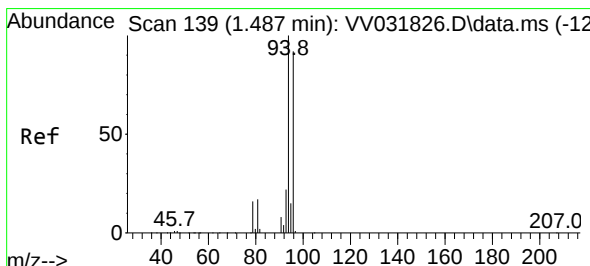
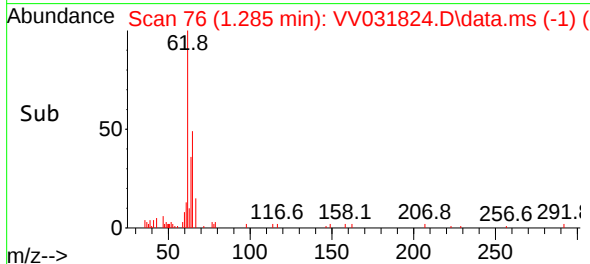
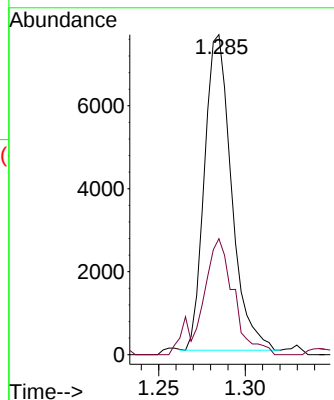
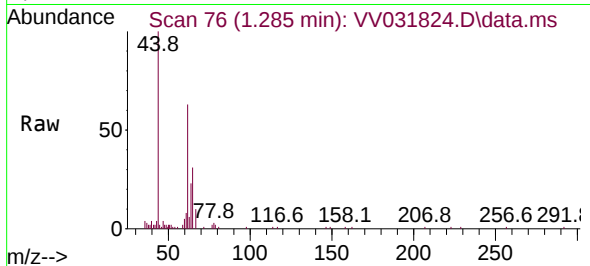




#5
 Vinyl chloride
 Concen: 0.430 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

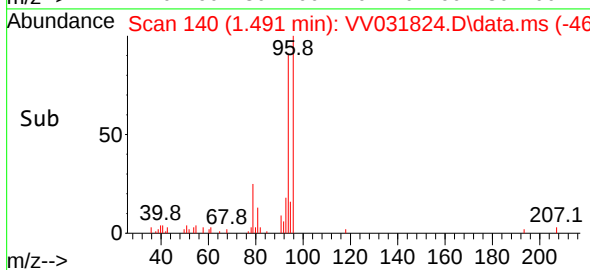
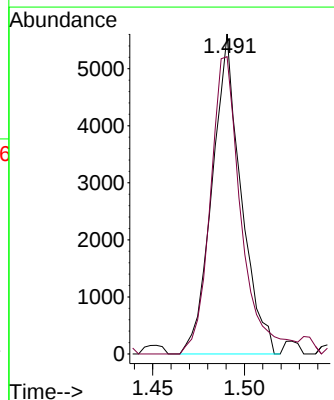
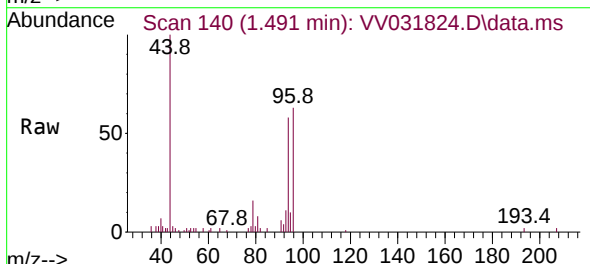
Instrument :
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 ClientSampleId :

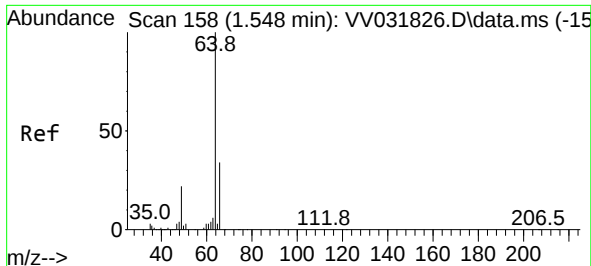
Tgt Ion: 62 Resp: 8235
 Ion Ratio Lower Upper
 62 100
 64 85.0 63.5 117.9



#6
 Bromomethane
 Concen: 0.511 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

Tgt Ion: 94 Resp: 6131
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.3 121.3

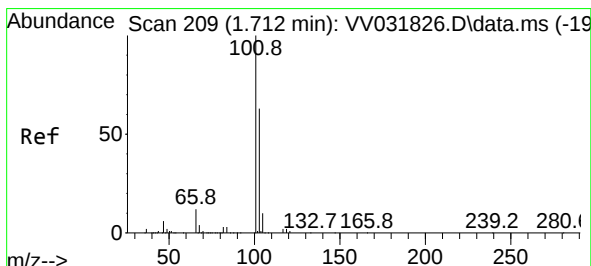
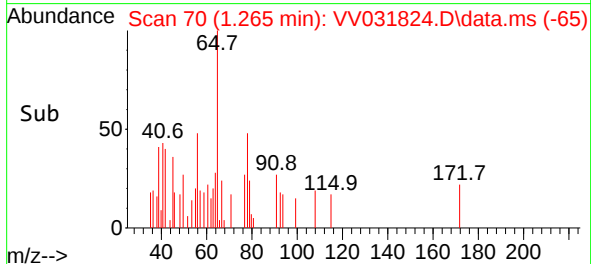
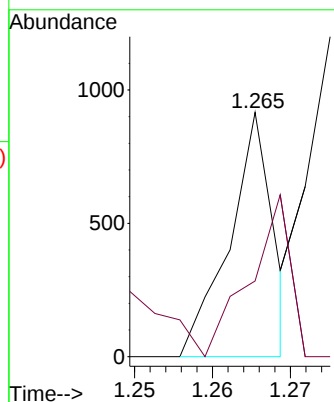
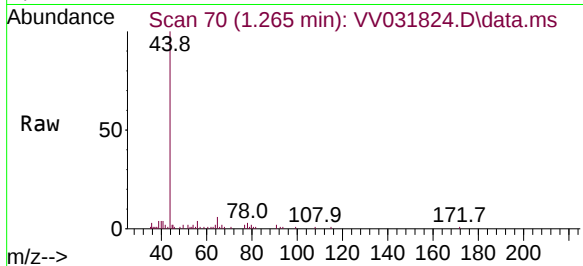




#8
Chloroethane
Concen: 0.032 ug/L
RT: 1.265 min Scan# 70
Delta R.T. -0.283 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

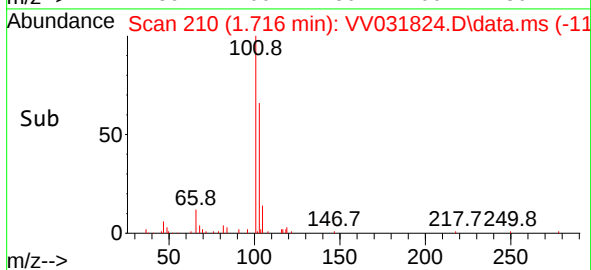
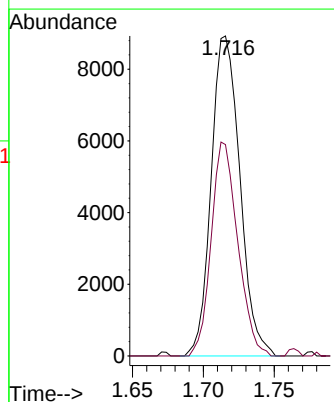
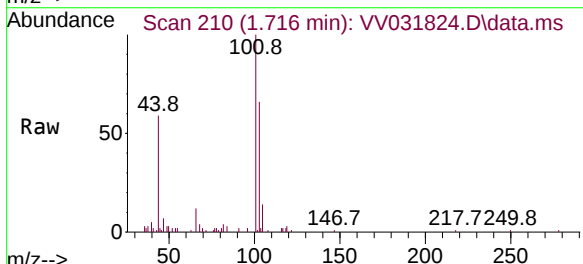
Instrument :
MSVOA_V
ClientSampleId :

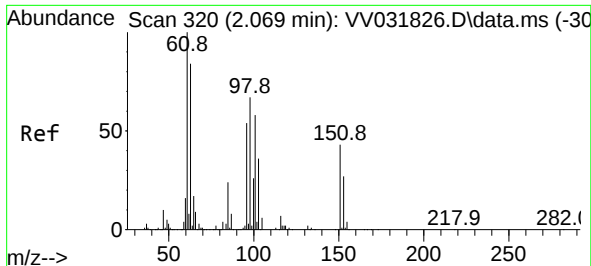
Tgt Ion: 64 Resp: 360
Ion Ratio Lower Upper
64 100
66 31.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.447 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion: 101 Resp: 12576
Ion Ratio Lower Upper
101 100
103 61.9 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.512 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

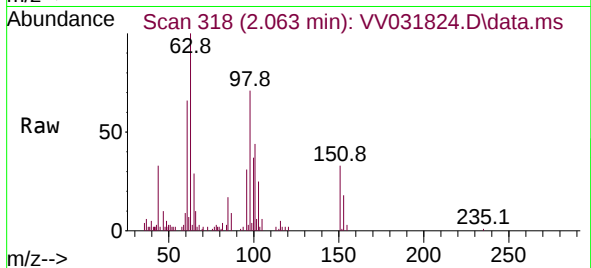
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Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :



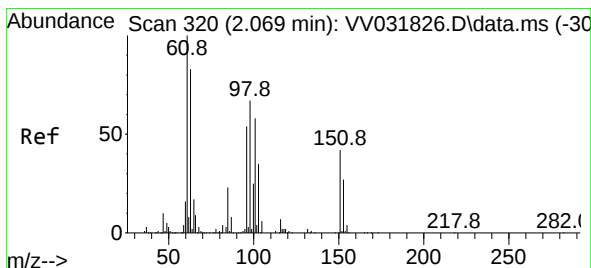
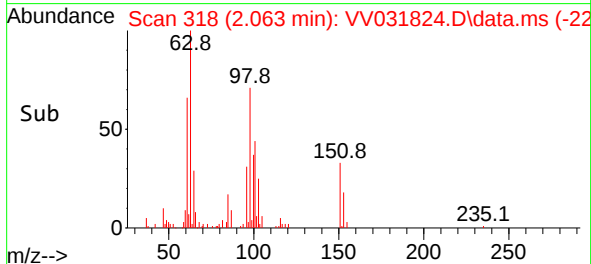
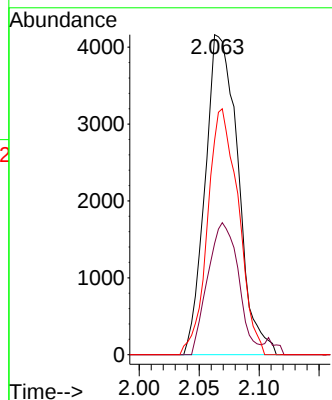
Tgt Ion:101 Resp: 7926

Ion Ratio Lower Upper

101 100

85 38.7 33.3 49.9

151 72.1 60.2 90.4



#12

1,1-Dichloroethene

Concen: 0.461 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

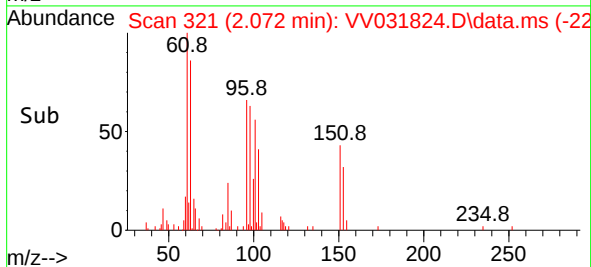
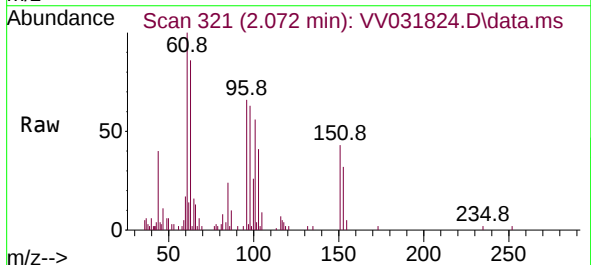
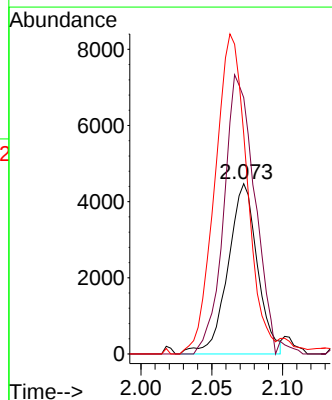
Tgt Ion: 96 Resp: 6475

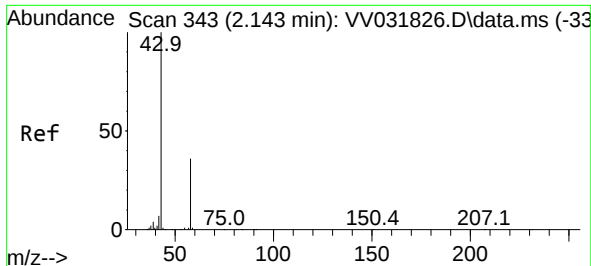
Ion Ratio Lower Upper

96 100

61 150.5 129.0 239.6

63 129.3 108.7 201.9





#13

Acetone

Concen: 4.775 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

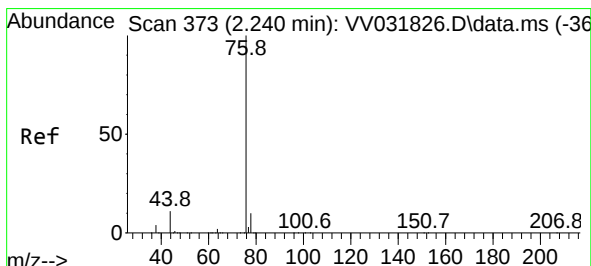
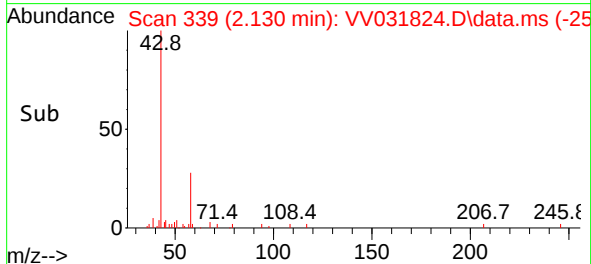
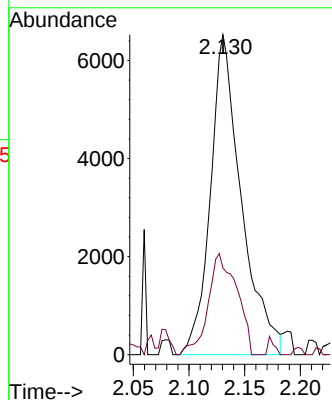
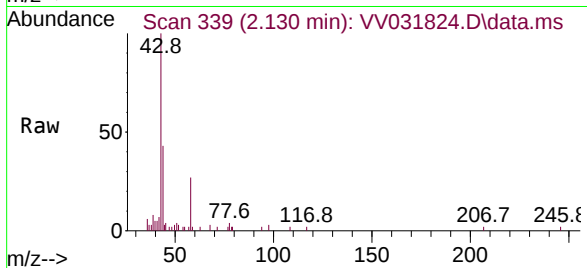
ClientSampleId :

Tgt Ion: 43 Resp: 12628

Ion Ratio Lower Upper

43 100

58 29.3 0.0 69.0



#14

Carbon disulfide

Concen: 0.404 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV031824.D

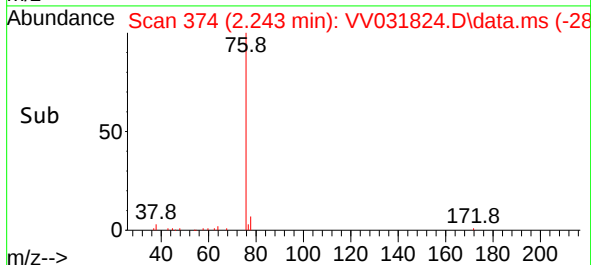
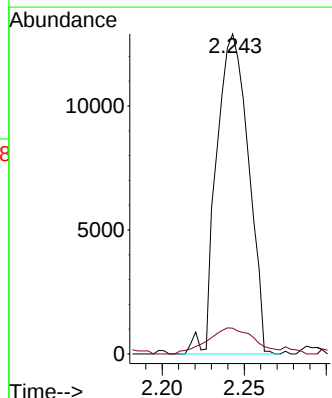
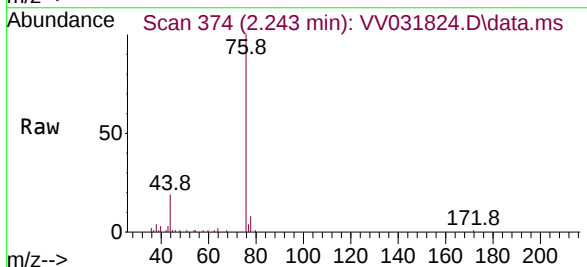
Acq: 17 Aug 2023 11:11

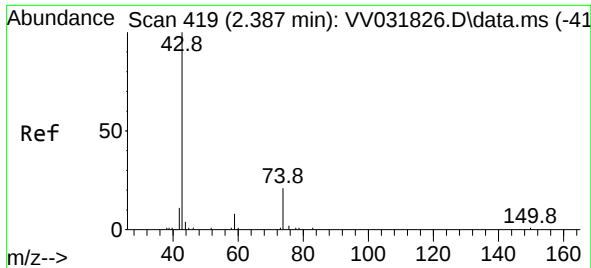
Tgt Ion: 76 Resp: 17459

Ion Ratio Lower Upper

76 100

78 8.0 7.7 11.5

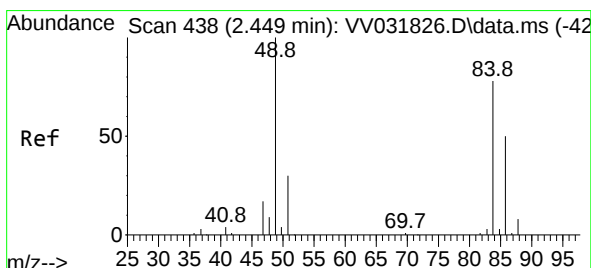
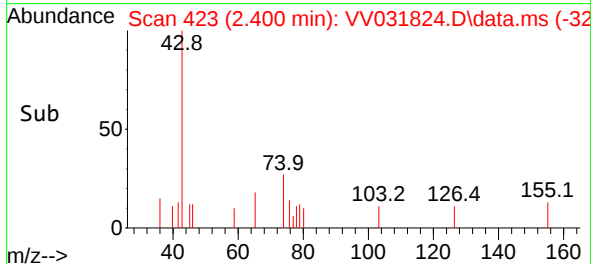
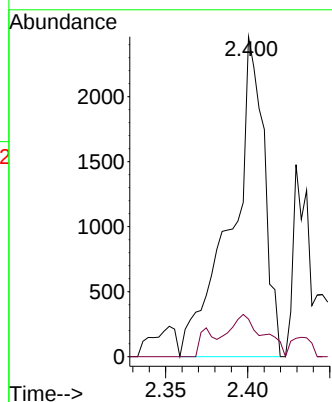
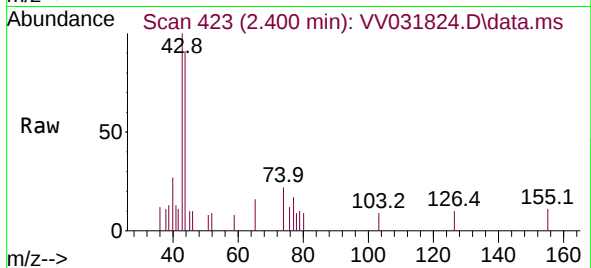




#15
Methyl Acetate
Concen: 0.604 ug/L
RT: 2.400 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

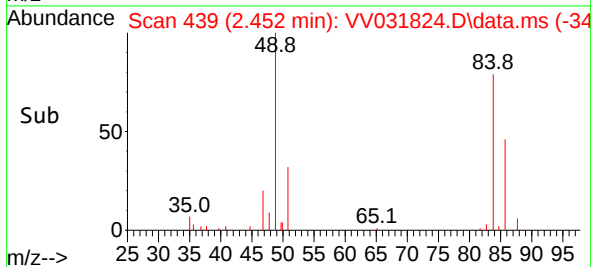
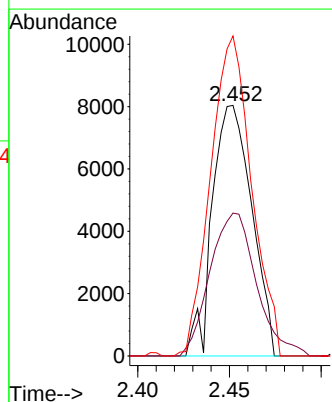
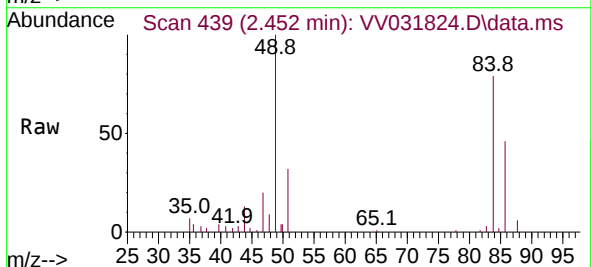
Instrument :
MSVOA_V
ClientSampleId :

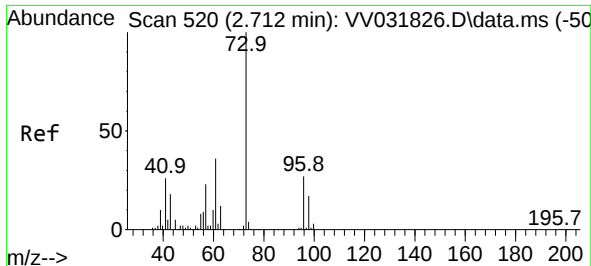
Tgt Ion: 43 Resp: 3410
Ion Ratio Lower Upper
43 100
74 13.8 16.2 24.2#



#16
Methylene chloride
Concen: 0.637 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion: 84 Resp: 12021
Ion Ratio Lower Upper
84 100
86 57.0 44.5 82.7
49 127.7 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 0.441 ug/L

RT: 2.712 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

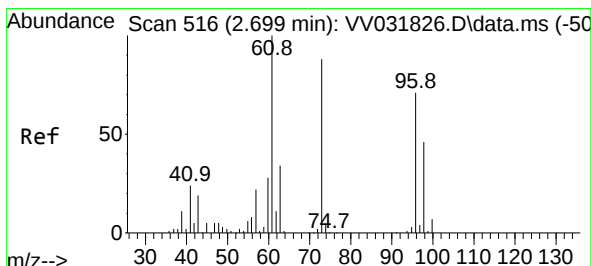
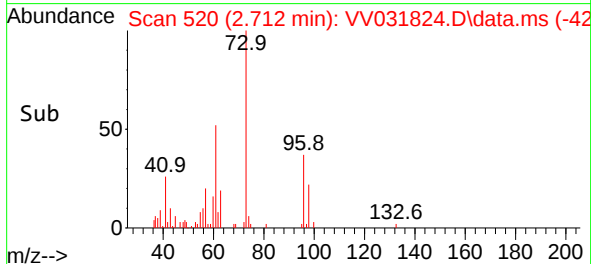
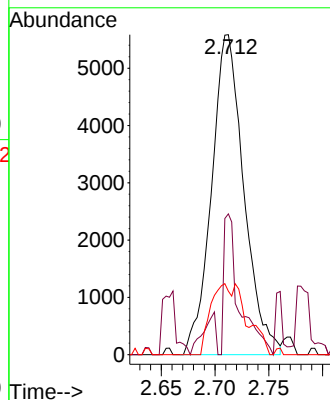
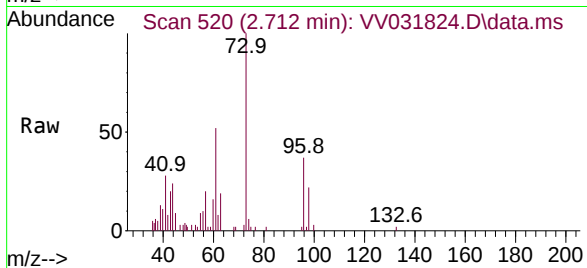
Tgt Ion: 73 Resp: 11699

Ion Ratio Lower Upper

73 100

43 21.0 16.9 25.3

57 14.2 19.7 29.5#



#18

trans-1,2-Dichloroethene

Concen: 0.505 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

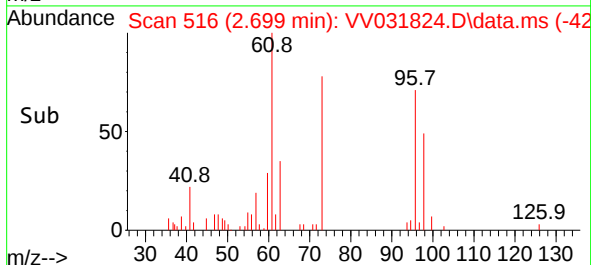
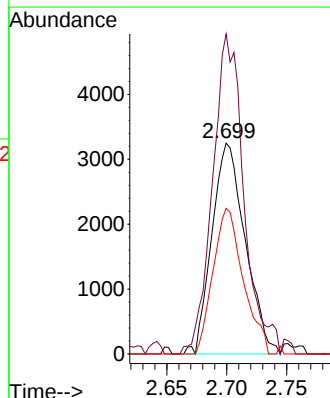
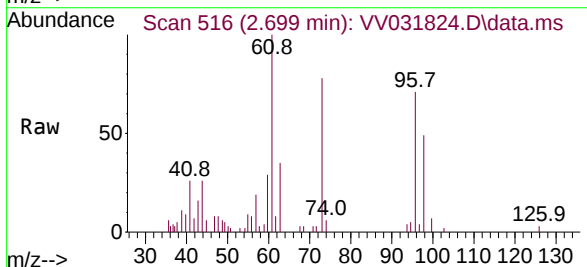
Tgt Ion: 96 Resp: 6284

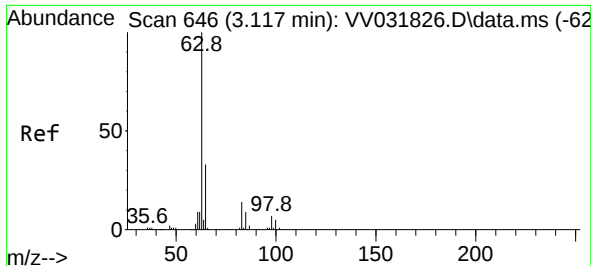
Ion Ratio Lower Upper

96 100

61 144.3 98.8 183.4

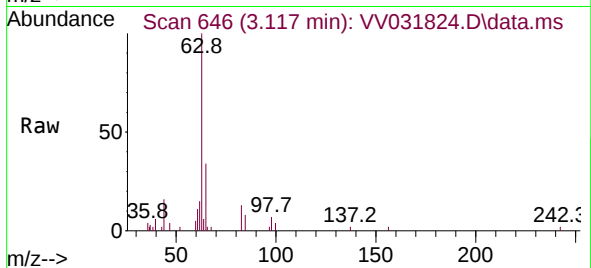
98 65.7 45.8 85.2



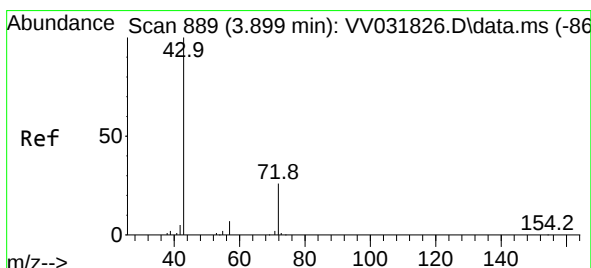
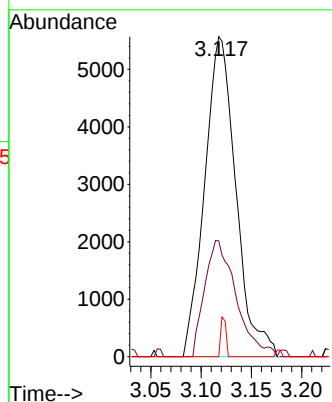
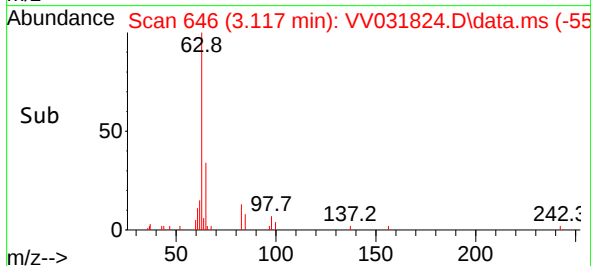


#19
1,1-Dichloroethane
Concen: 0.448 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

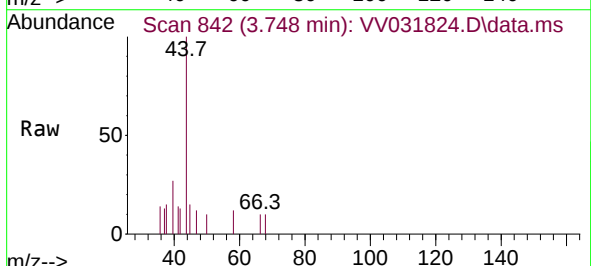
Instrument :
MSVOA_V
ClientSampleId :



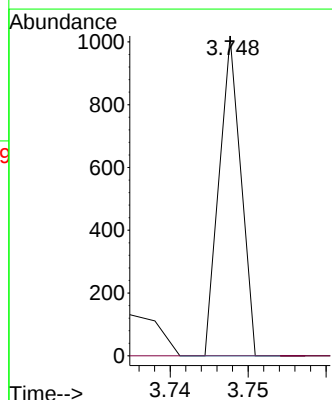
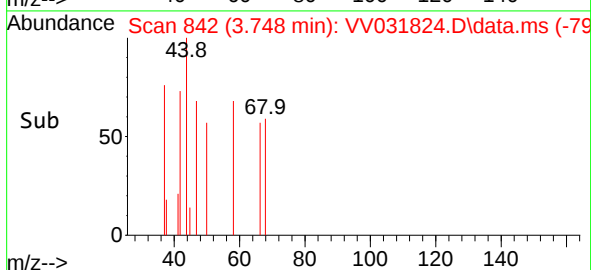
Tgt Ion: 63 Resp: 12017
Ion Ratio Lower Upper
63 100
65 34.1 22.3 41.5
83 0.0 9.4 17.6#

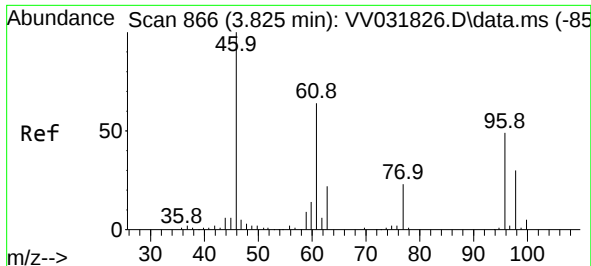


#21
2-Butanone
Concen: 0.058 ug/L
RT: 3.748 min Scan# 842
Delta R.T. -0.151 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11



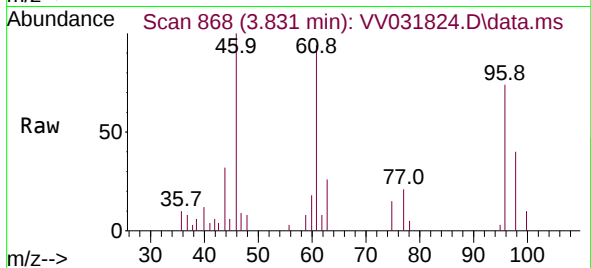
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
72 40.3 13.5 40.4





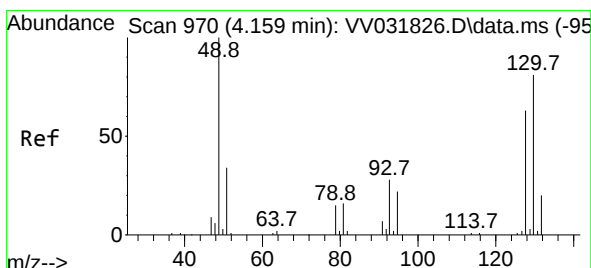
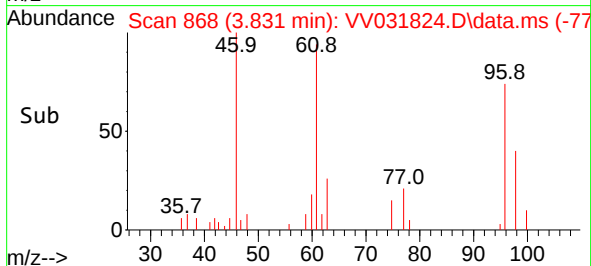
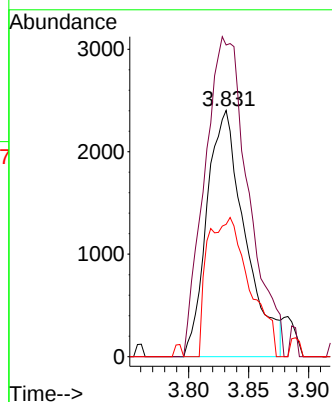
#22
 cis-1,2-Dichloroethene
 Concen: 0.430 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 5331

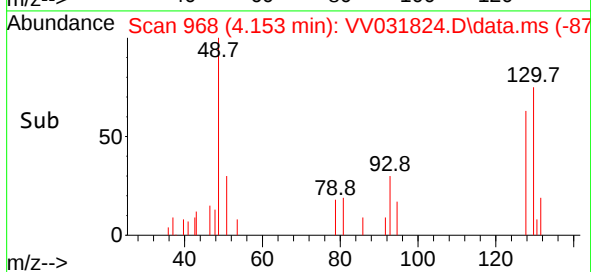
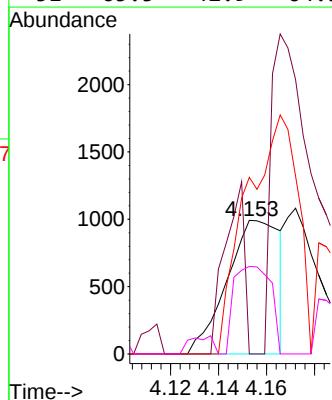
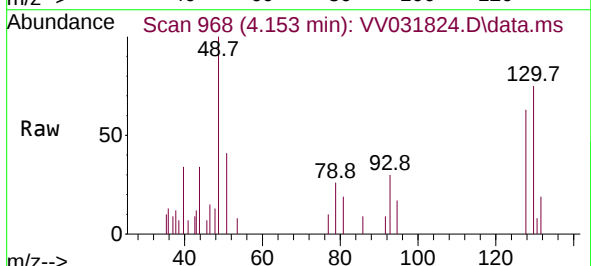
Ion	Ratio	Lower	Upper
96	100		
61	126.6	88.8	165.0
98	53.8	42.1	78.3

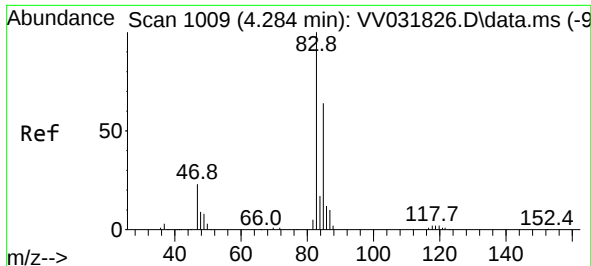


#23
 Bromochloromethane
 Concen: 0.240 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

Tgt Ion: 128 Resp: 1495

Ion	Ratio	Lower	Upper
128	100		
49	0.0	115.7	214.9#
130	132.3	90.7	168.5
51	65.5	42.9	64.3#





#25

Chloroform

Concen: 0.050 ug/L

RT: 4.236 min Scan# 91

Delta R.T. -0.048 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

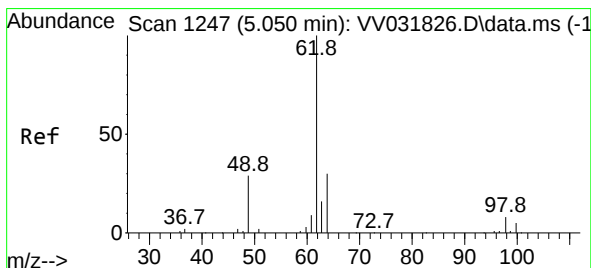
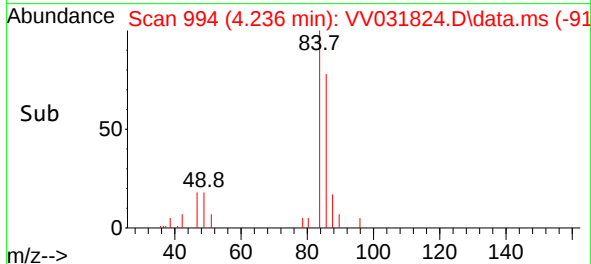
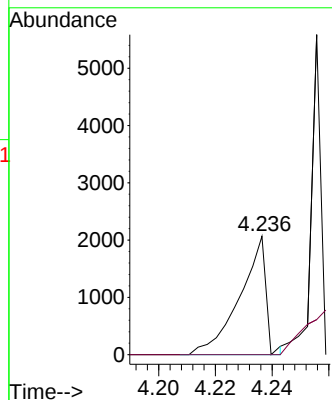
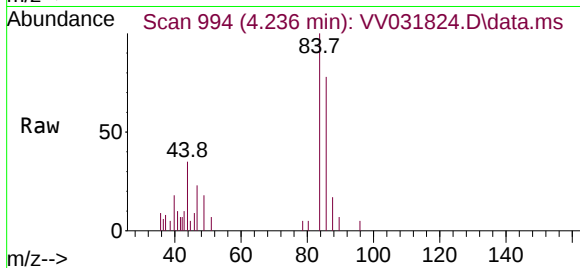
ClientSampleId :

Tgt Ion: 83 Resp: 1325

Ion Ratio Lower Upper

83 100

85 77.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.412 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.007 min

Lab File: VV031824.D

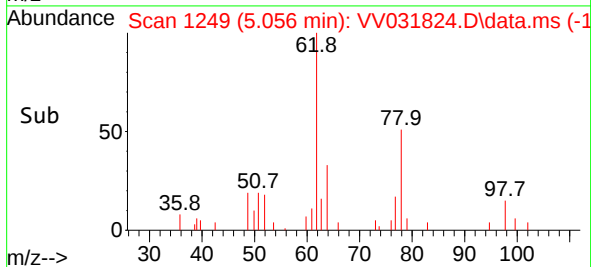
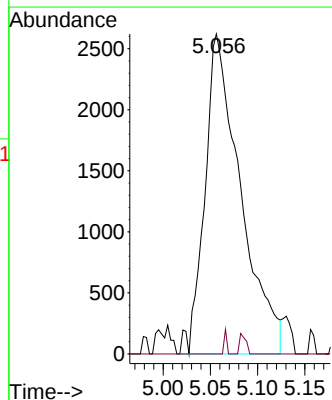
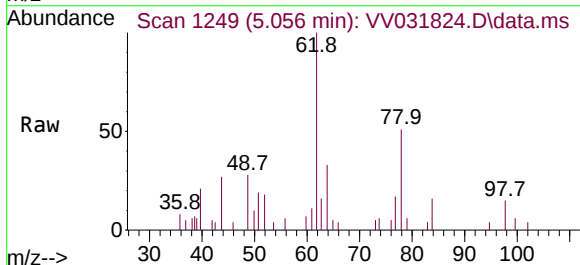
Acq: 17 Aug 2023 11:11

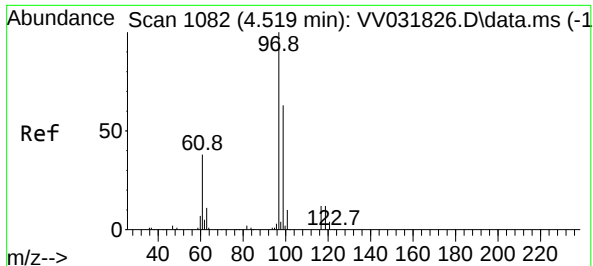
Tgt Ion: 62 Resp: 6876

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#





#29

1,1,1-Trichloroethane

Concen: 0.463 ug/L

RT: 4.519 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

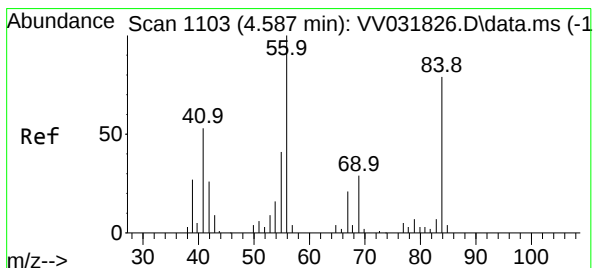
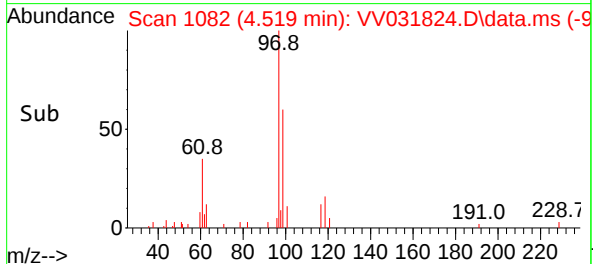
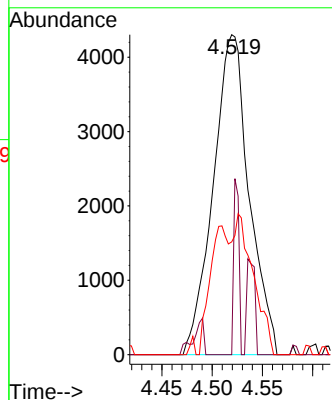
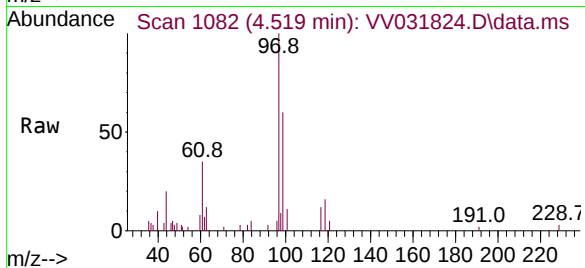
Tgt Ion: 97 Resp: 10708

Ion Ratio Lower Upper

97 100

99 8.1 50.4 75.6#

61 23.6 30.6 46.0#



#30

Cyclohexane

Concen: 0.409 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

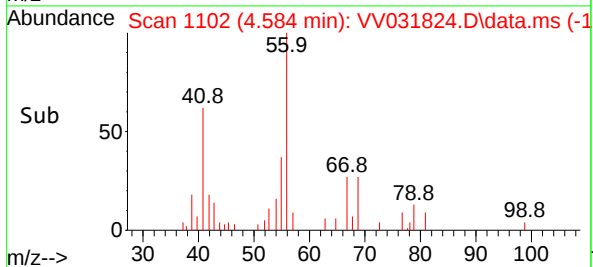
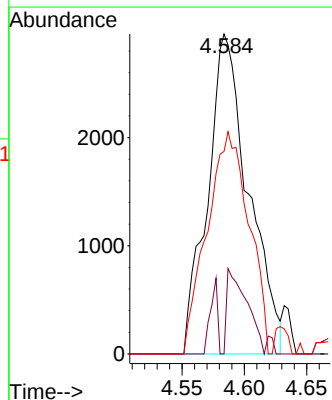
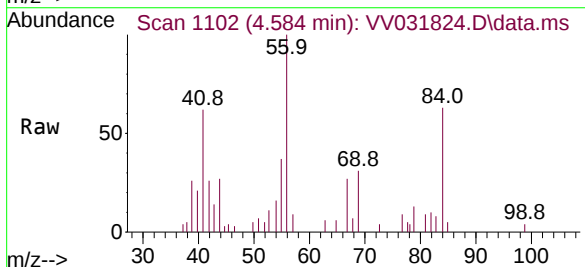
Tgt Ion: 56 Resp: 6754

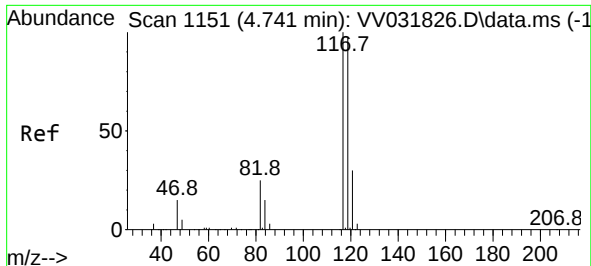
Ion Ratio Lower Upper

56 100

69 13.1 21.9 32.9#

84 70.9 66.2 99.2

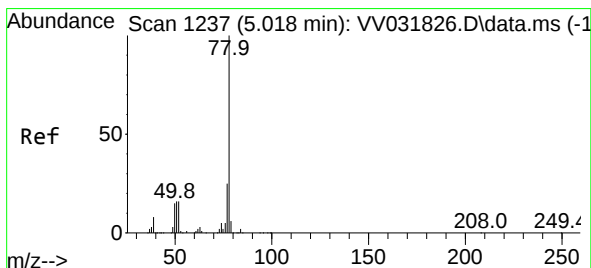
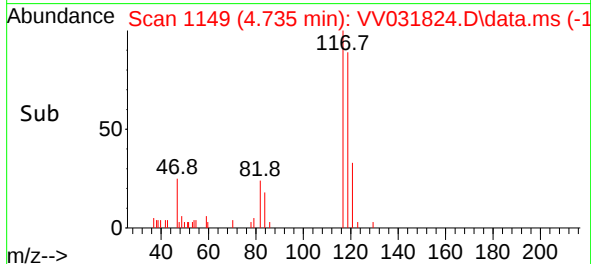
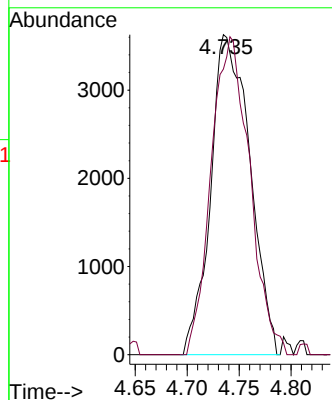
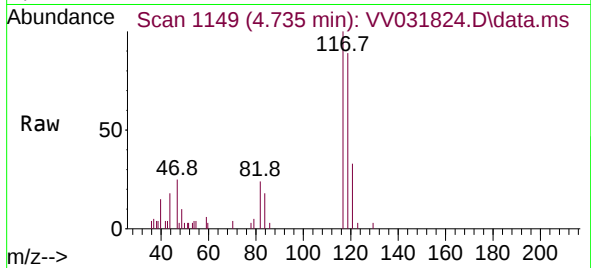




#31
Carbon tetrachloride
Concen: 0.460 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

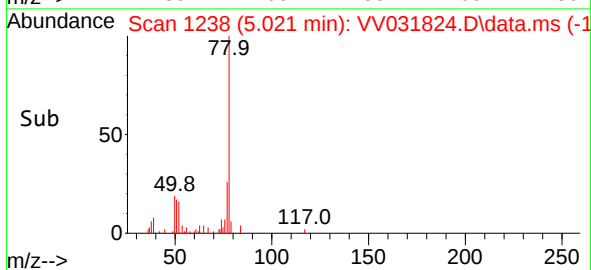
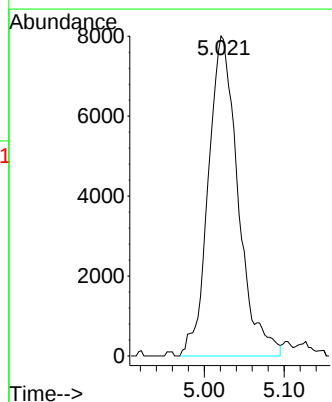
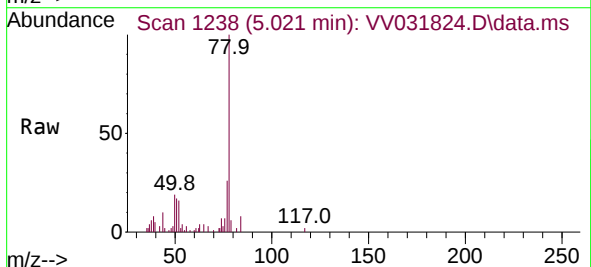
Instrument :
MSVOA_V
ClientSampleId :

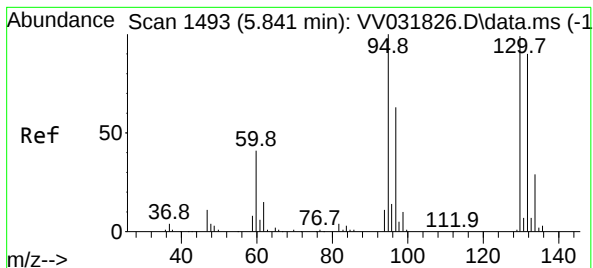
Tgt Ion:117 Resp: 9531
Ion Ratio Lower Upper
117 100
119 97.3 77.9 116.9



#33
Benzene
Concen: 0.421 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion: 78 Resp: 20723





#34

Trichloroethene

Concen: 0.458 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.007 min

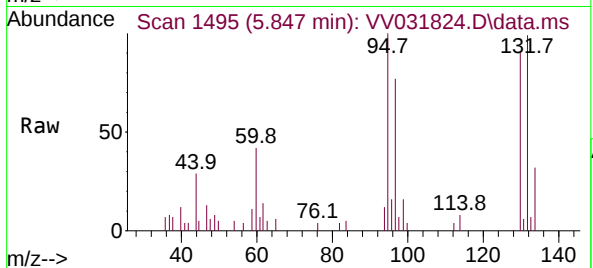
Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

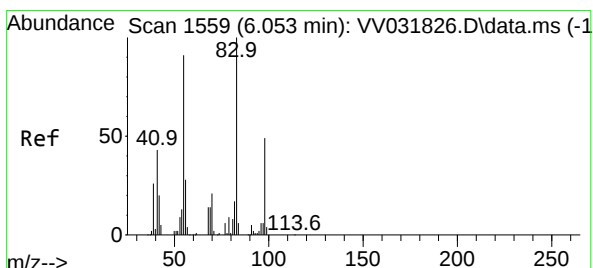
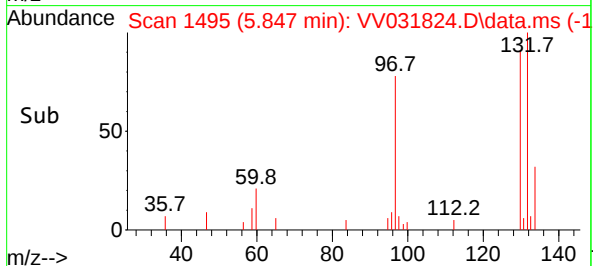
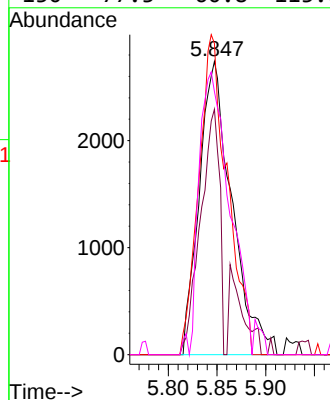
MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 6389

Ion	Ratio	Lower	Upper
95	100		
97	72.1	39.0	72.4
132	91.4	55.4	103.0
130	77.3	60.8	113.0



#35

Methylcyclohexane

Concen: 0.341 ug/L

RT: 6.050 min Scan# 1558

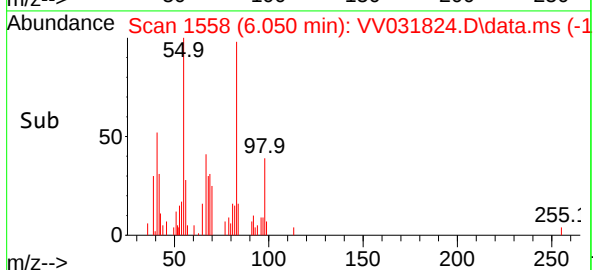
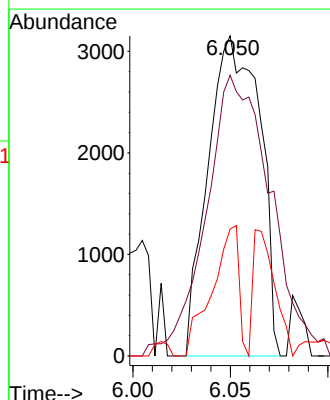
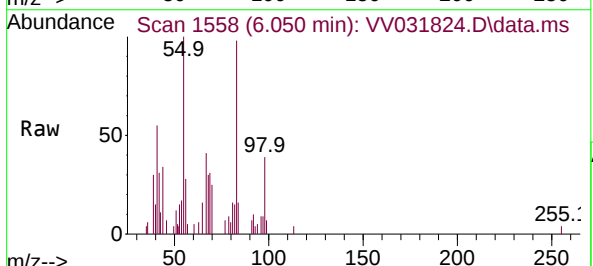
Delta R.T. -0.003 min

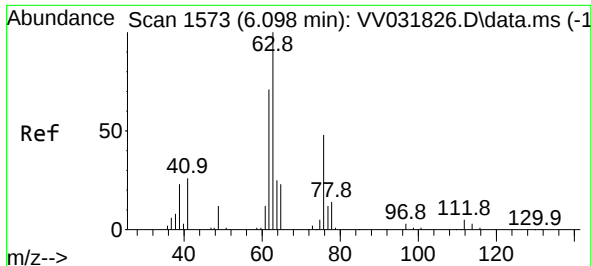
Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Tgt Ion: 83 Resp: 5805

Ion	Ratio	Lower	Upper
83	100		
55	109.1	69.1	103.7#
98	21.1	38.5	57.7#





#37

1,2-Dichloropropane

Concen: 0.449 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

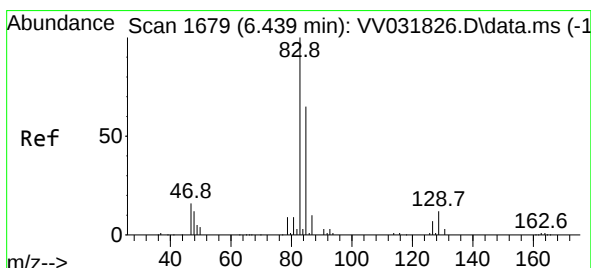
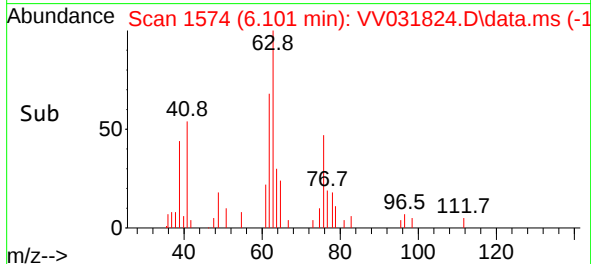
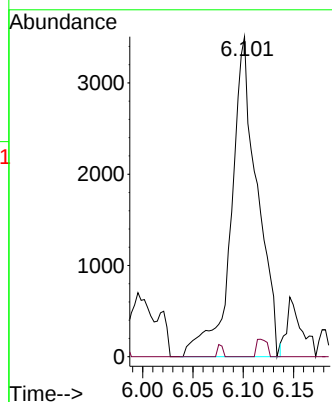
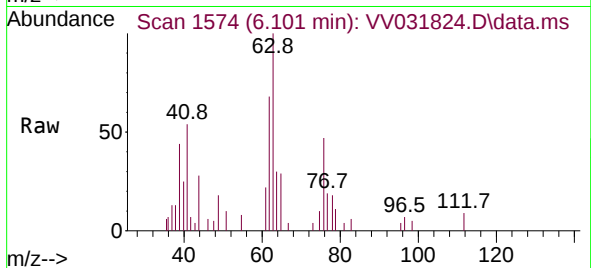
ClientSampleId :

Tgt Ion: 63 Resp: 6297

Ion Ratio Lower Upper

63 100

112 2.2 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.481 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.007 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

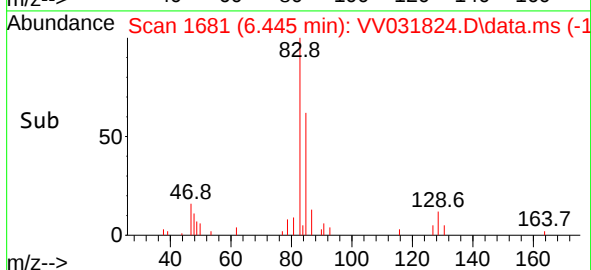
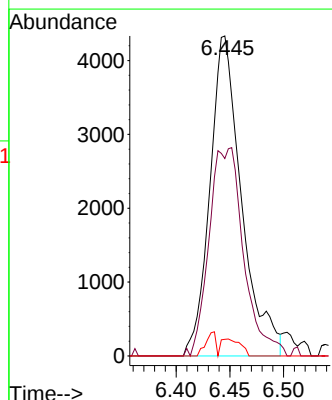
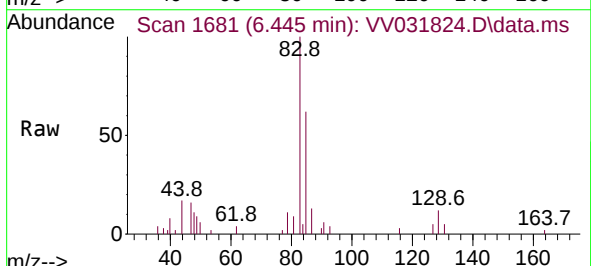
Tgt Ion: 83 Resp: 8886

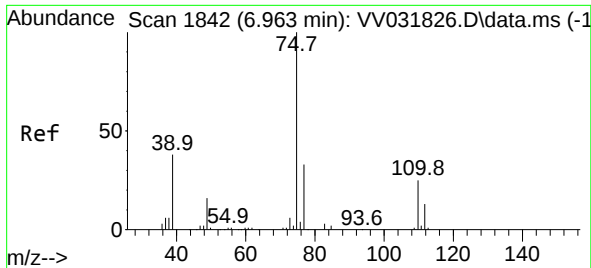
Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2

127 5.2 5.9 8.9#





#39

cis-1,3-Dichloropropene

Concen: 0.335 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

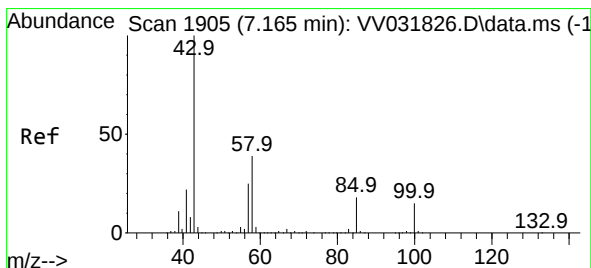
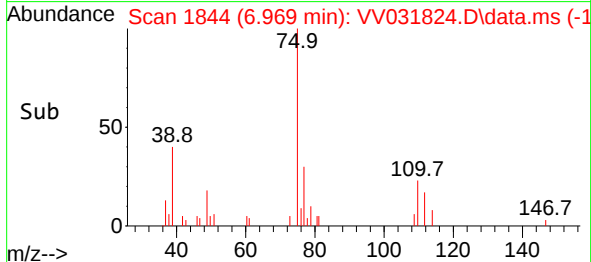
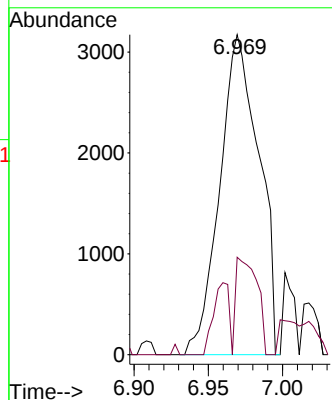
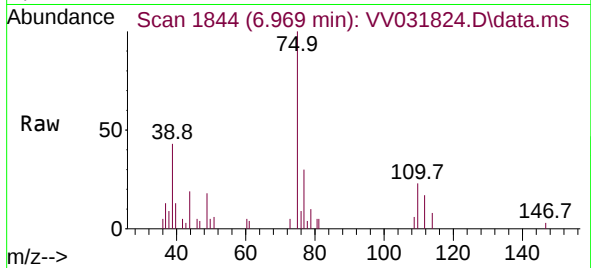
ClientSampleId :

Tgt Ion: 75 Resp: 5807

Ion Ratio Lower Upper

75 100

77 30.4 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 3.457 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

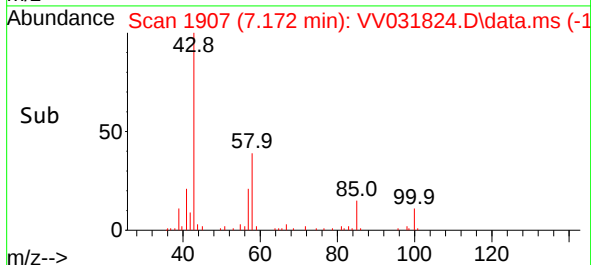
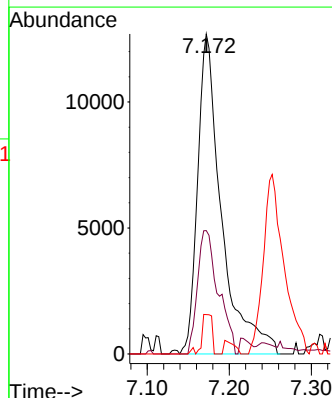
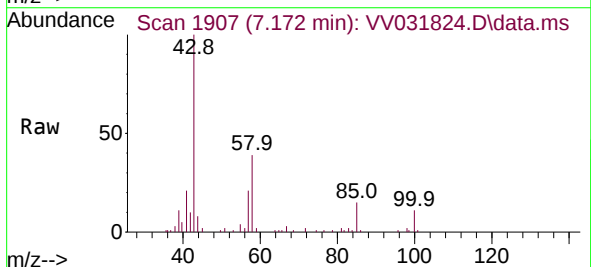
Tgt Ion: 43 Resp: 25667

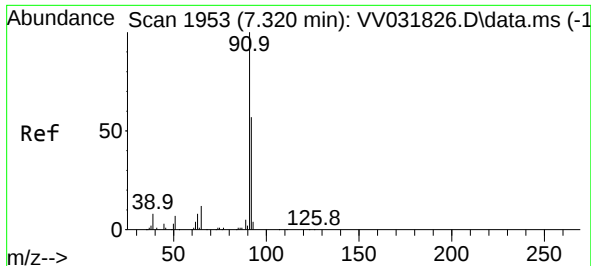
Ion Ratio Lower Upper

43 100

58 33.7 31.4 47.2

100 5.0 11.2 16.8





#42

Toluene

Concen: 0.370 ug/L

RT: 7.326 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

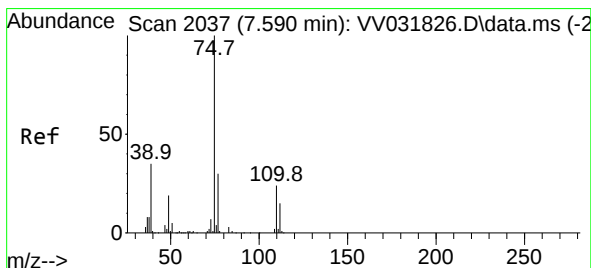
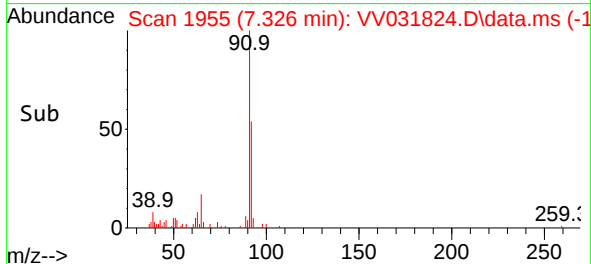
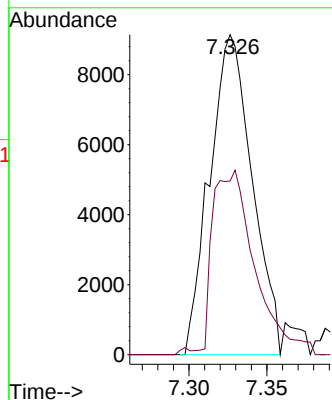
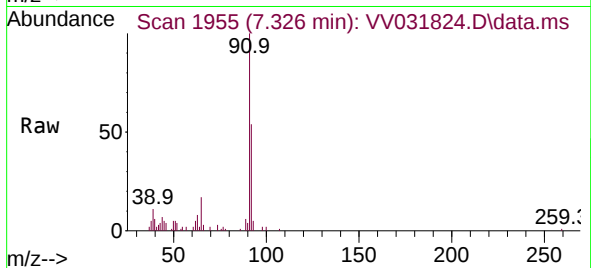
ClientSampleId :

Tgt Ion: 91 Resp: 17345

Ion Ratio Lower Upper

91 100

92 54.3 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 0.367 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.007 min

Lab File: VV031824.D

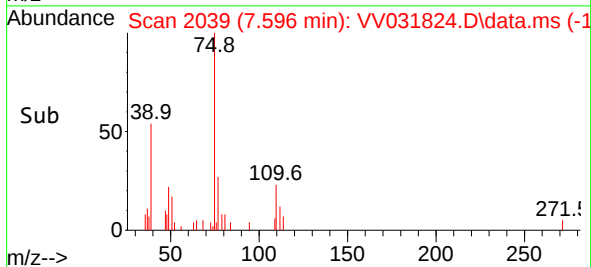
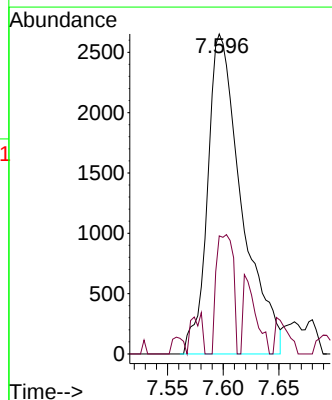
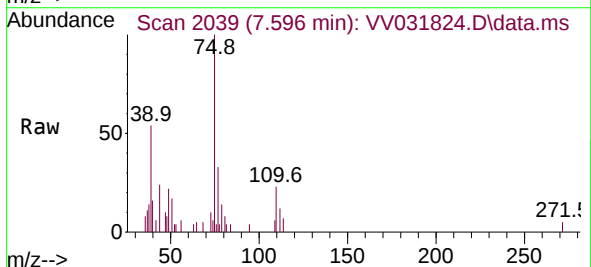
Acq: 17 Aug 2023 11:11

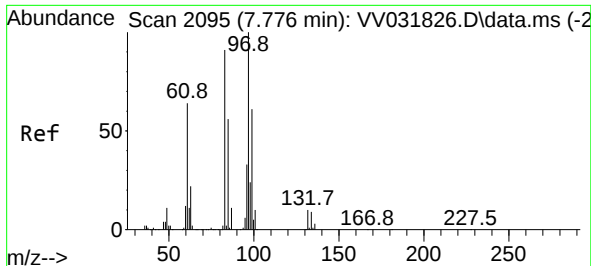
Tgt Ion: 75 Resp: 5653

Ion Ratio Lower Upper

75 100

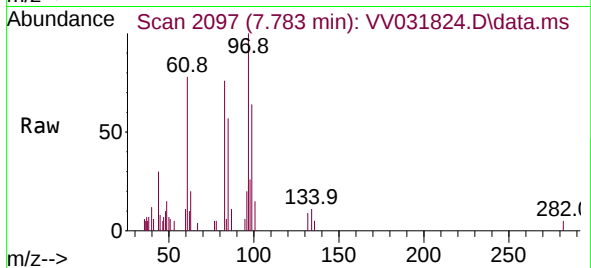
77 36.9 22.4 41.6



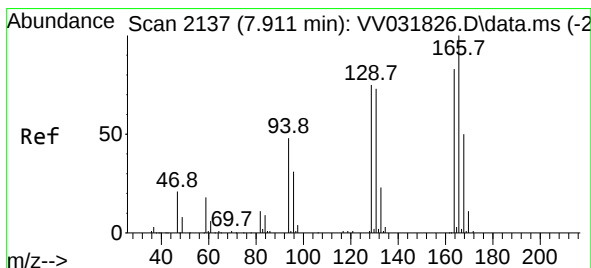
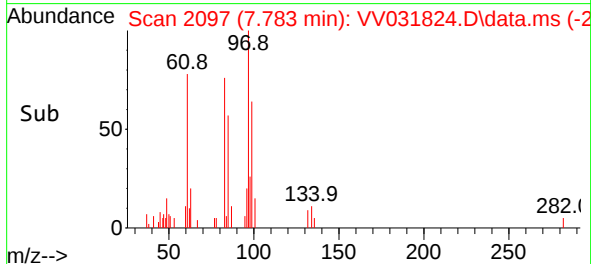
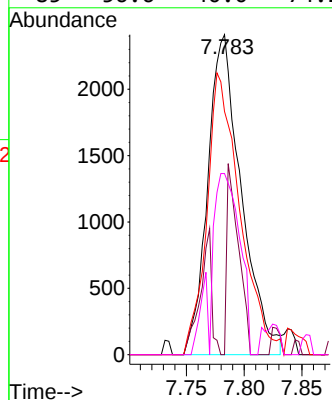


#45
1,1,2-Trichloroethane
Concen: 0.466 ug/L
RT: 7.783 min Scan# 2095
Delta R.T. 0.007 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Instrument :
MSVOA_V
ClientSampleId :

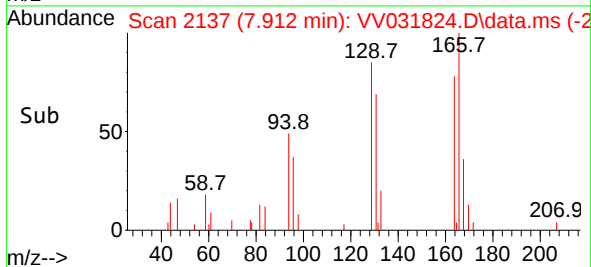
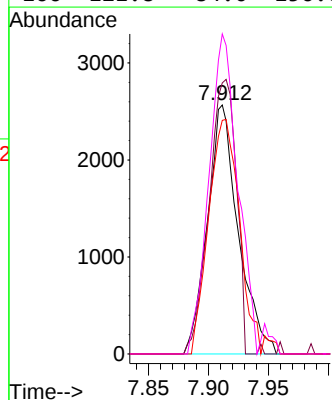
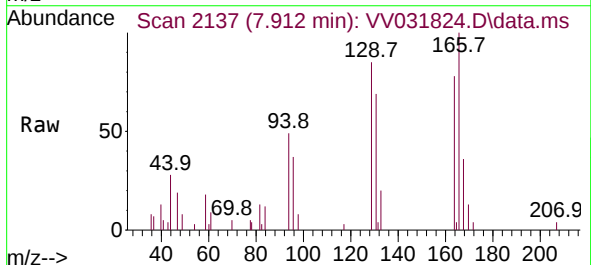


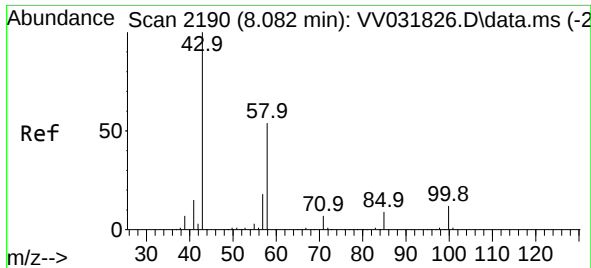
Tgt Ion:	97	Resp:	4884
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	76.0	63.8	118.4
85	56.6	40.0	74.2



#47
Tetrachloroethene
Concen: 0.471 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion:	164	Resp:	4591
Ion	Ratio	Lower	Upper
164	100		
129	103.2	62.9	116.7
131	88.9	61.2	113.8
166	121.8	84.0	156.0

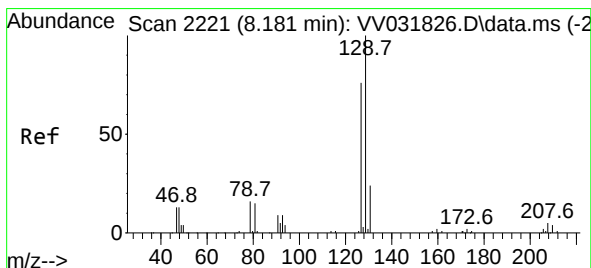
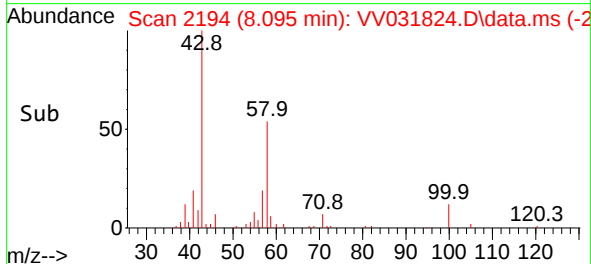
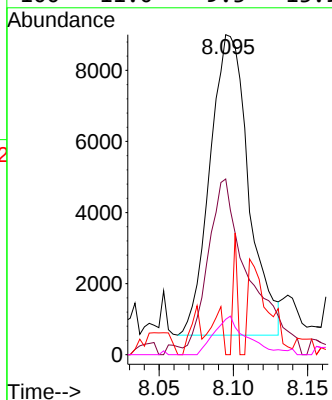
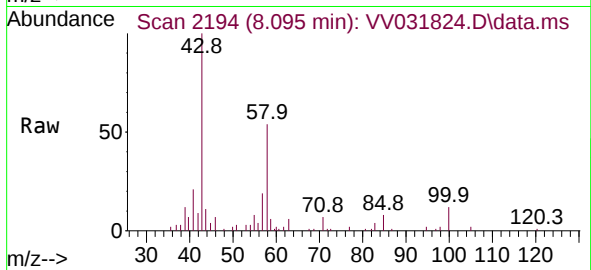




#48
2-Hexanone
Concen: 2.802 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.013 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

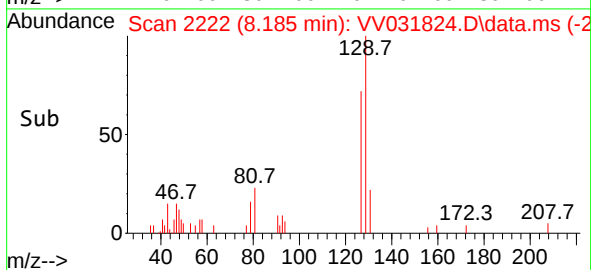
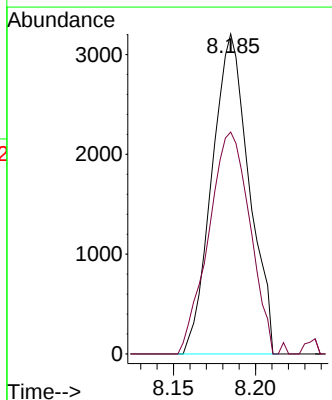
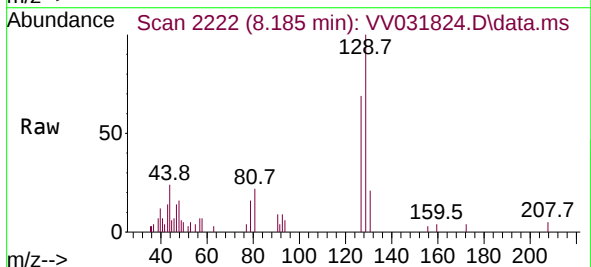
Instrument :
MSVOA_V
ClientSampleId :

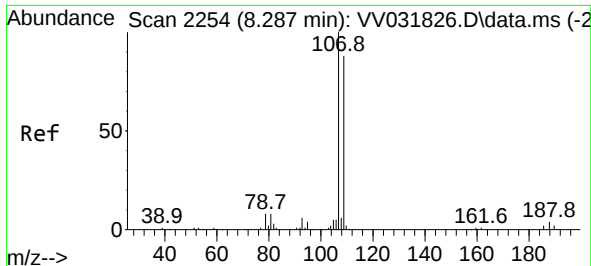
Tgt Ion: 43	Resp: 15331
Ion Ratio	Lower Upper
43 100	
58 62.5	44.4 66.6
57 4.3	15.0 22.6#
100 11.0	9.3 13.9



#49
Dibromochloromethane
Concen: 0.444 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion:129	Resp:	5035	
Ion	Ratio	Lower	Upper
129	100		
127	69.3	55.6	103.2





#50

1,2-Dibromoethane

Concen: 0.420 ug/L

RT: 8.297 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV031824.D

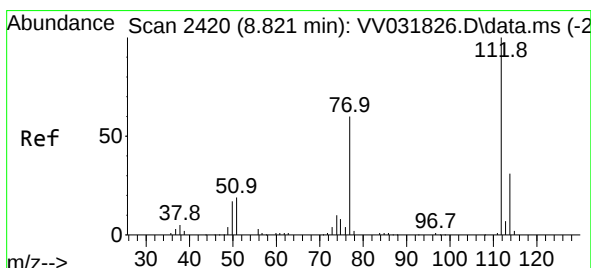
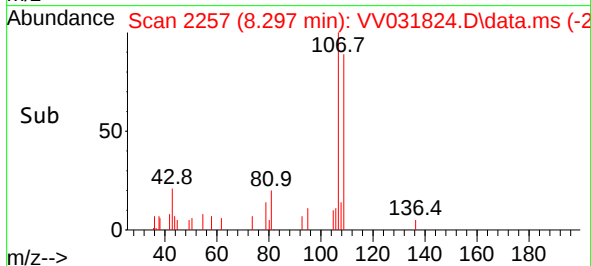
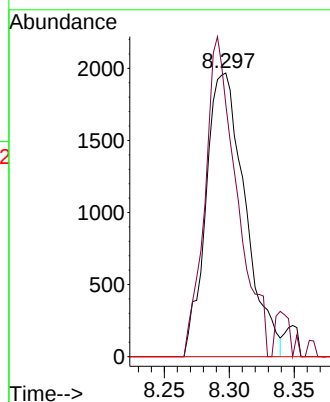
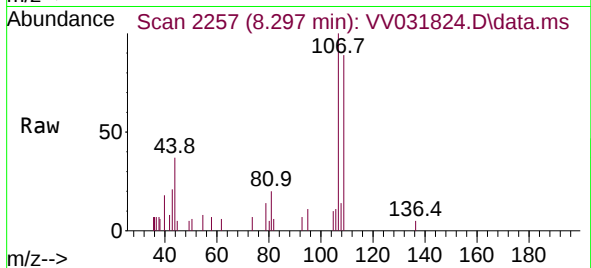
Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	4133
Ion Ratio	Lower	Upper
107	100	
109	89.0	63.6 118.0
188	0.0	3.2 4.8#



#51

Chlorobenzene

Concen: 0.486 ug/L

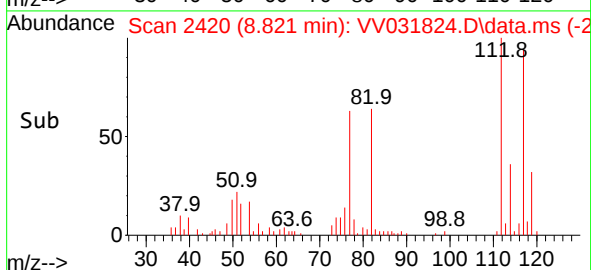
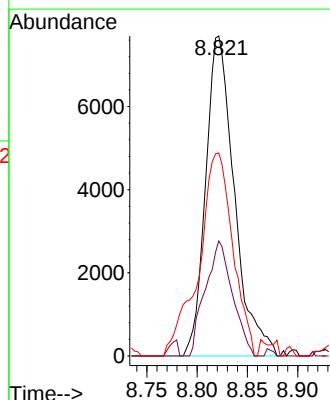
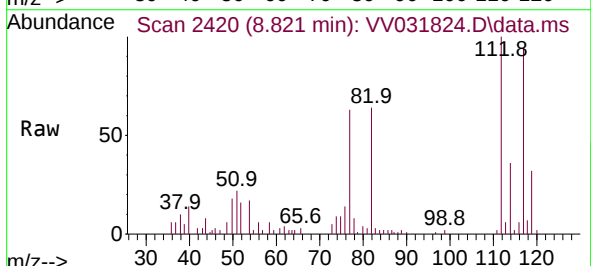
RT: 8.821 min Scan# 2420

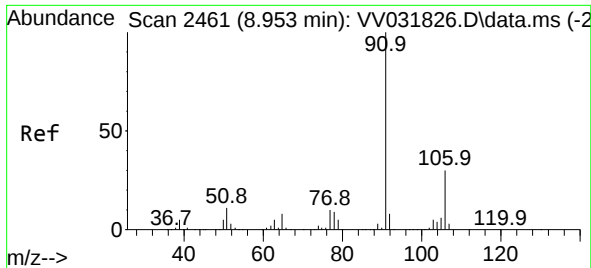
Delta R.T. 0.000 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Tgt Ion:112	Resp:	15259
Ion Ratio	Lower	Upper
112	100	
114	33.9	20.5 38.1
77	60.0	45.0 67.6

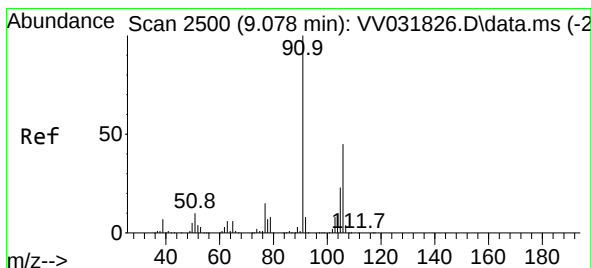
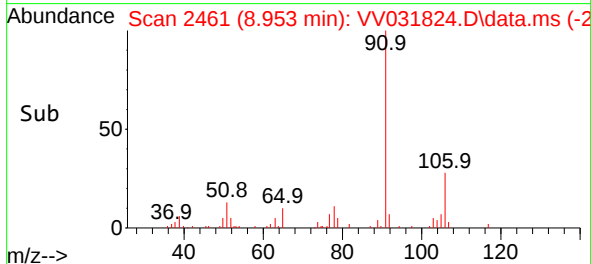
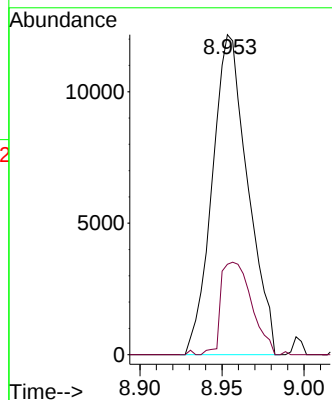
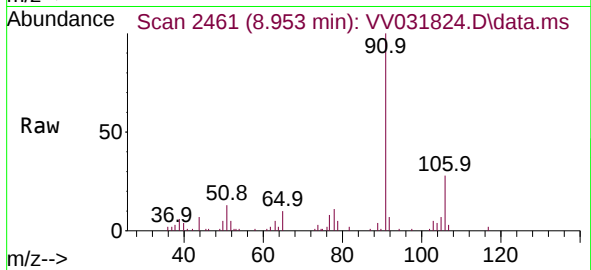




#52
Ethylbenzene
Concen: 0.386 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

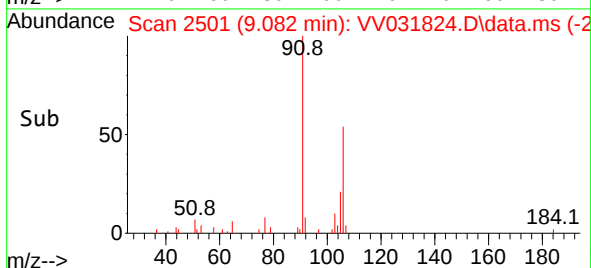
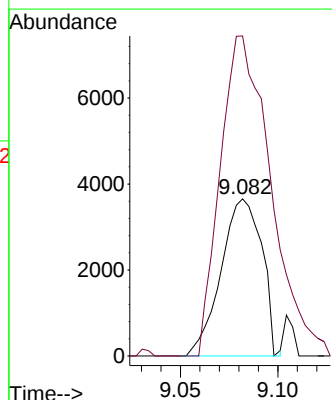
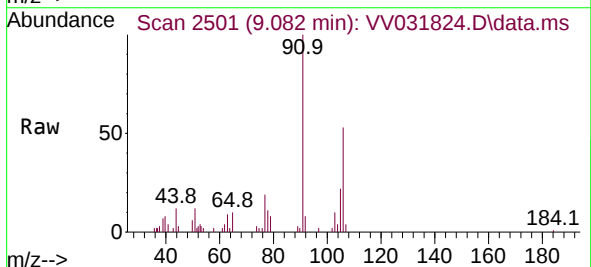
Instrument :
MSVOA_V
ClientSampleId :

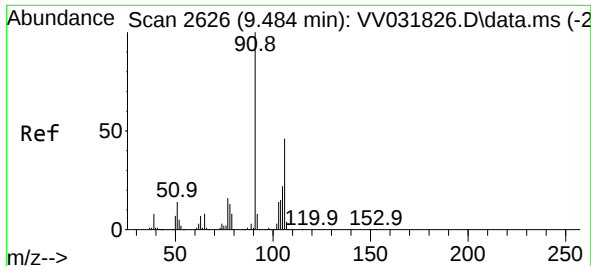
Tgt Ion: 91 Resp: 18315
Ion Ratio Lower Upper
91 100
106 28.3 20.9 38.7



#53
m,p-Xylene
Concen: 0.309 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion: 106 Resp: 5322
Ion Ratio Lower Upper
106 100
91 203.6 155.7 289.1

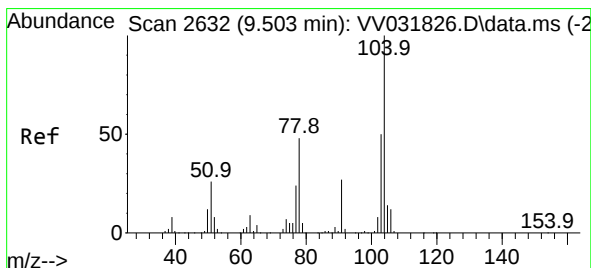
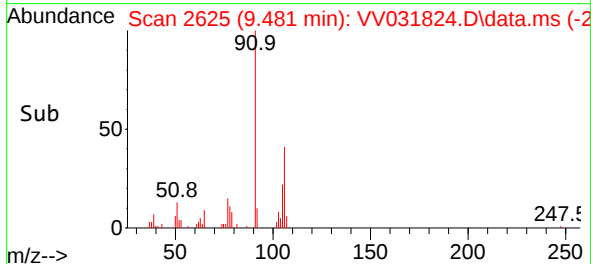
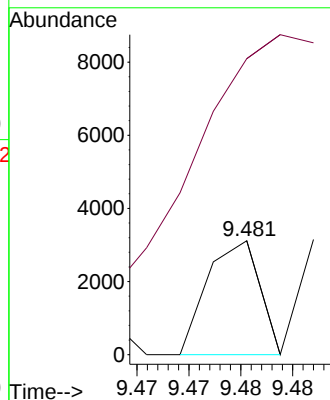
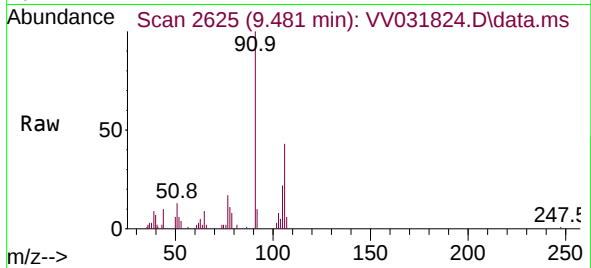




#54
o-Xylene
Concen: 0.067 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

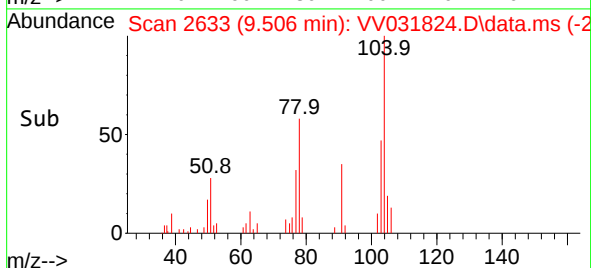
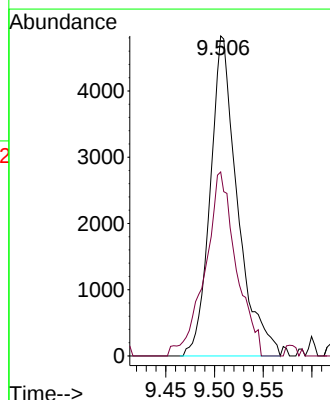
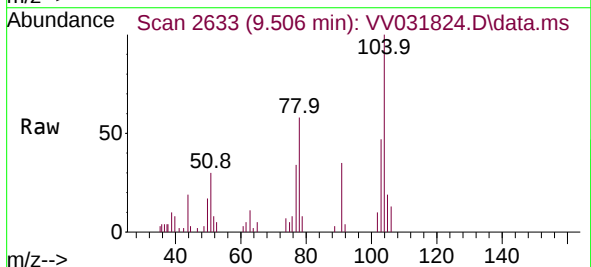
Instrument :
MSVOA_V
ClientSampleId :

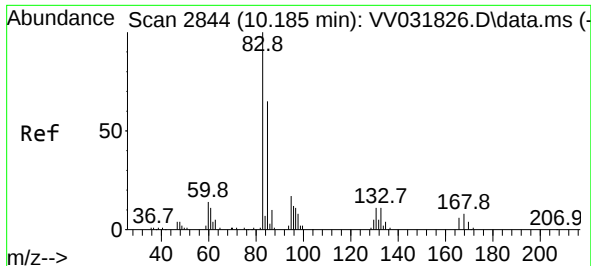
Tgt Ion:106 Resp: 1091
Ion Ratio Lower Upper
106 100
91 259.7 154.0 286.0



#55
Styrene
Concen: 0.309 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion:104 Resp: 9387
Ion Ratio Lower Upper
104 100
78 65.4 33.9 63.0#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.442 ug/L

RT: 10.188 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031824.D

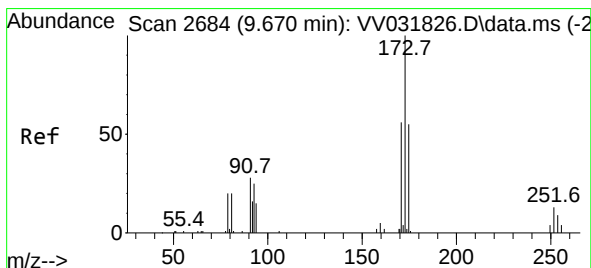
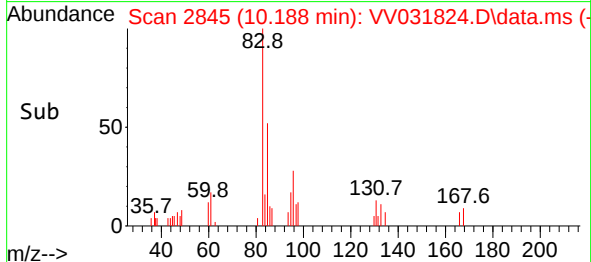
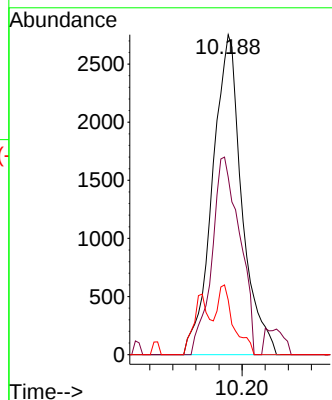
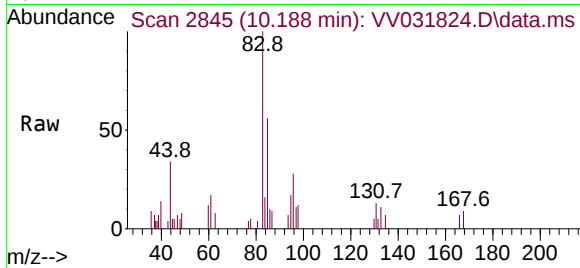
Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	4863
Ion	Ratio	Lower	Upper
83	100		
85	55.5	45.4	84.4
131	17.1	8.7	13.1



#59

Bromoform

Concen: 0.432 ug/L

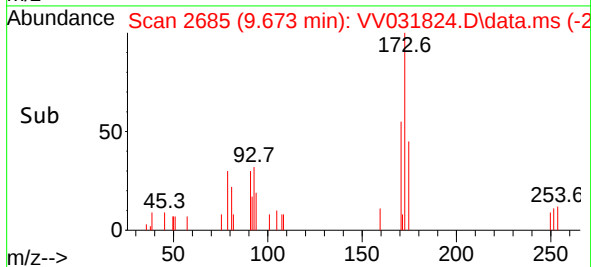
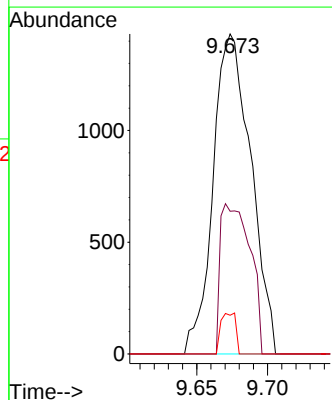
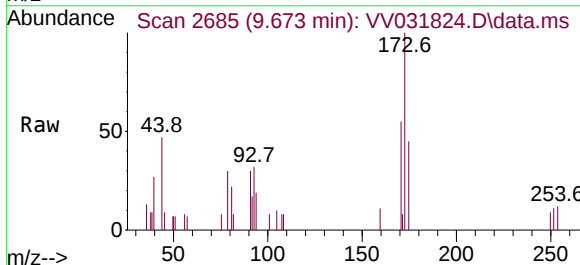
RT: 9.673 min Scan# 2685

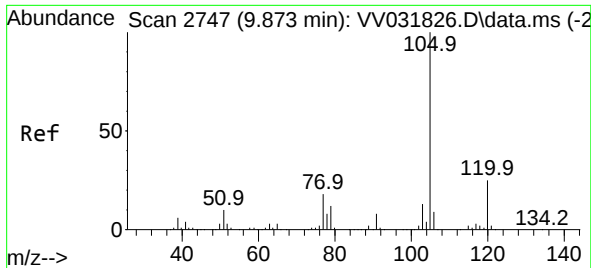
Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

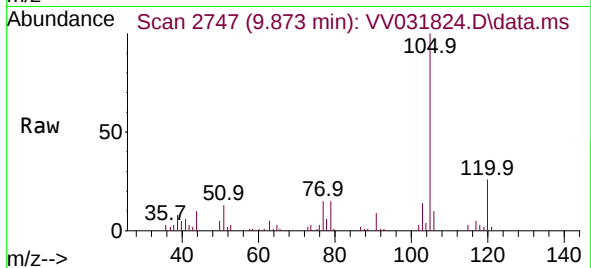
Tgt Ion:	173	Resp:	2655
Ion	Ratio	Lower	Upper
173	100		
175	36.8	40.4	60.6
254	5.0	7.6	11.4



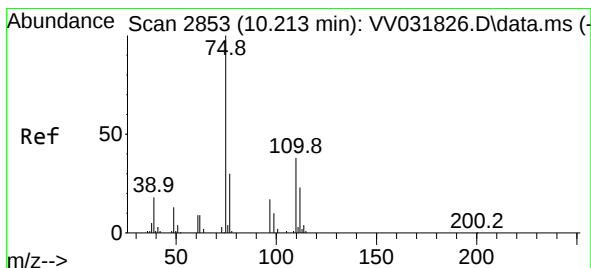
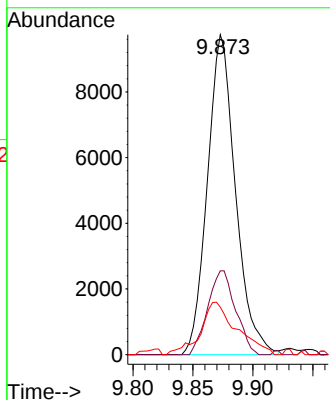
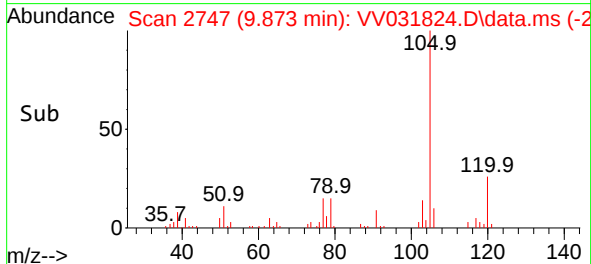


#60
Isopropylbenzene
Concen: 0.385 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

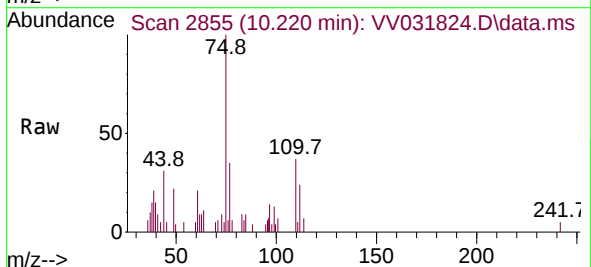
Instrument :
MSVOA_V
ClientSampleId :



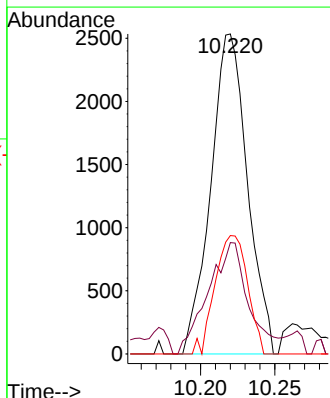
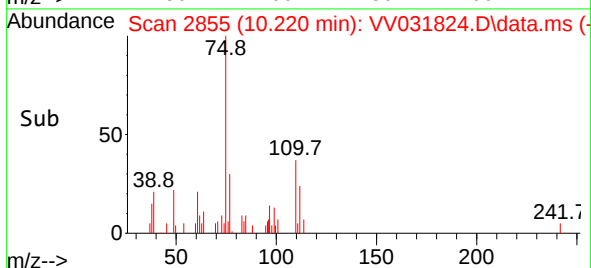
Tgt Ion:105 Resp: 15864
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 21.1 14.2 21.2

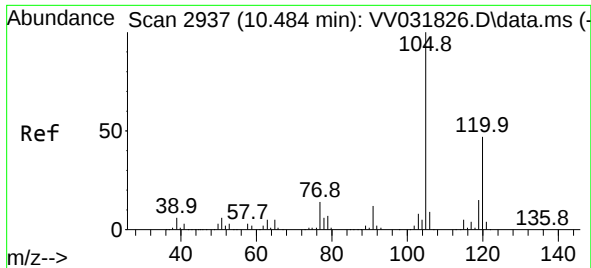


#61
1,2,3-Trichloropropane
Concen: 0.534 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.007 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11



Tgt Ion: 75 Resp: 4367
Ion Ratio Lower Upper
75 100
77 38.2 26.6 40.0
110 32.6 32.0 48.0

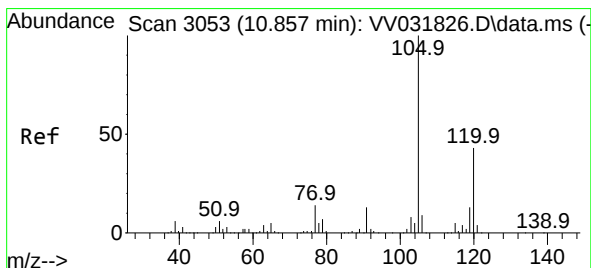
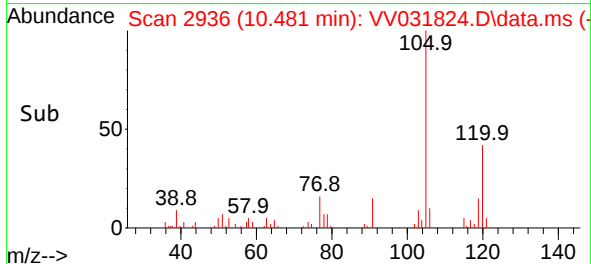
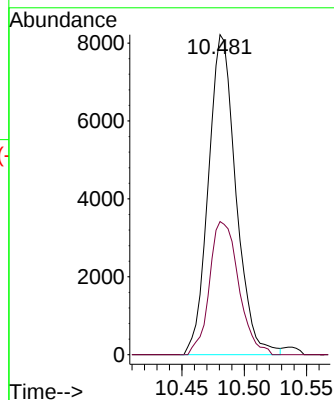
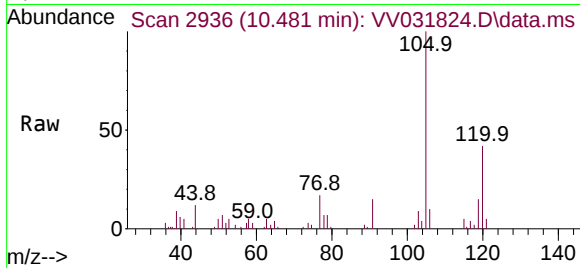




#62
 1,3,5-Trimethylbenzene
 Concen: 0.381 ug/L
 RT: 10.481 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

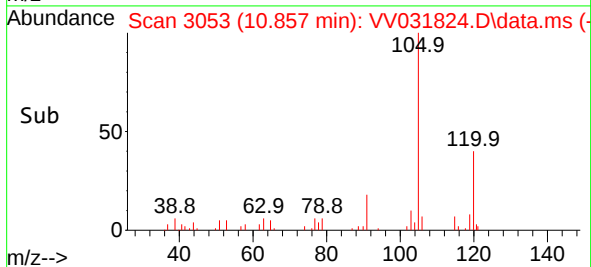
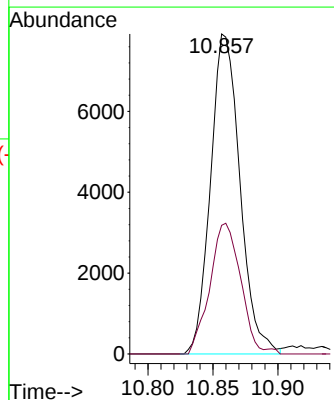
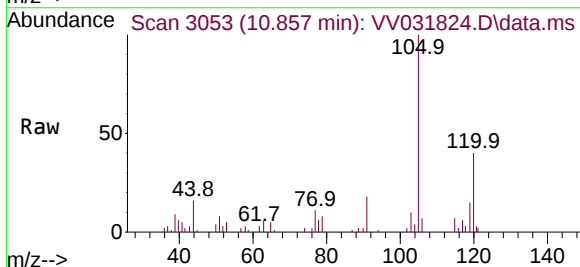
Instrument :
 MSVOA_V
 ClientSampleId :

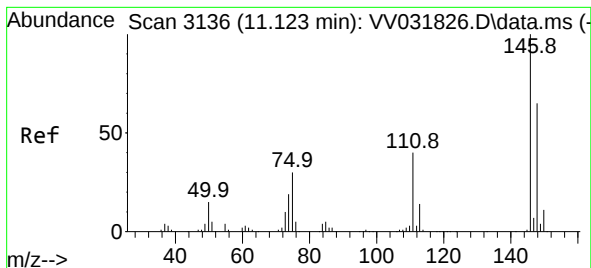
Tgt Ion:105 Resp: 12645
 Ion Ratio Lower Upper
 105 100
 120 44.0 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.376 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV031824.D
 Acq: 17 Aug 2023 11:11

Tgt Ion:105 Resp: 12478
 Ion Ratio Lower Upper
 105 100
 120 42.8 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 0.468 ug/L

RT: 11.127 min Scan# 3136

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

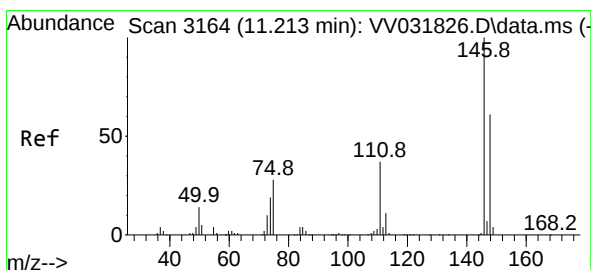
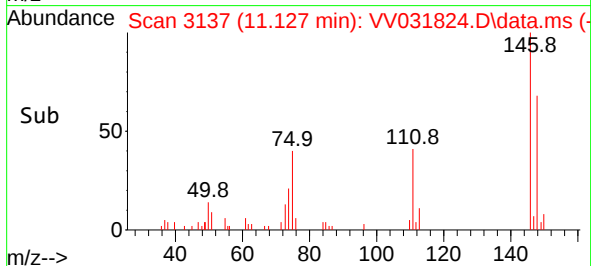
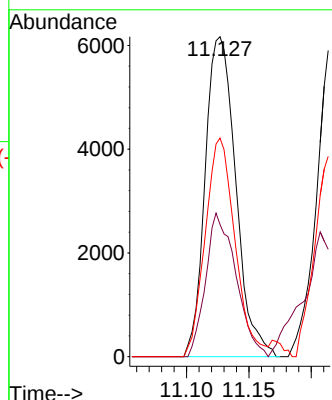
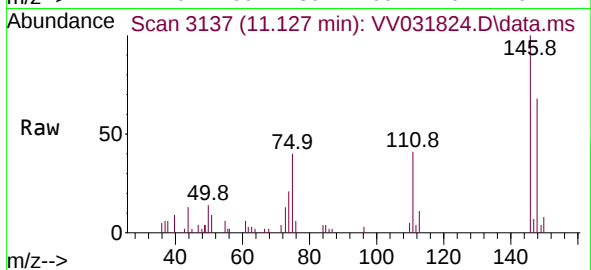
Tgt Ion:146 Resp: 10540

Ion Ratio Lower Upper

146 100

111 45.1 28.2 52.4

148 68.3 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 0.454 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

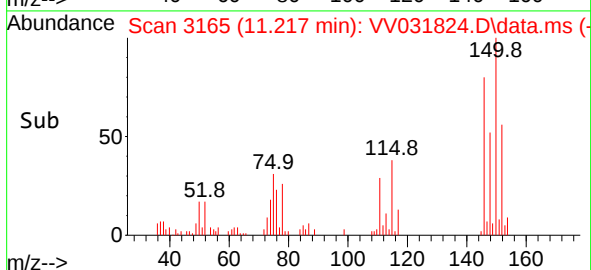
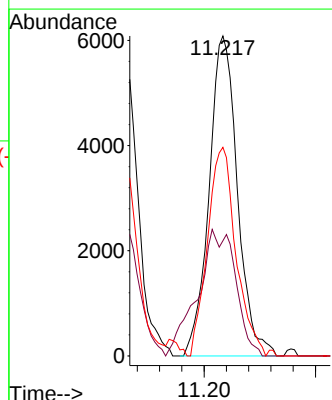
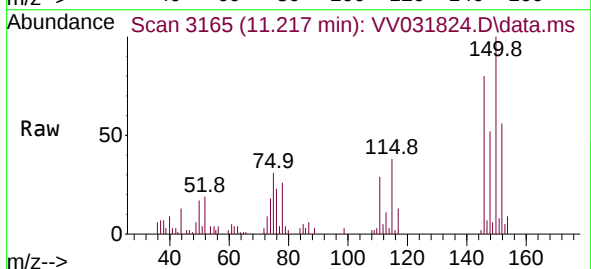
Tgt Ion:146 Resp: 10746

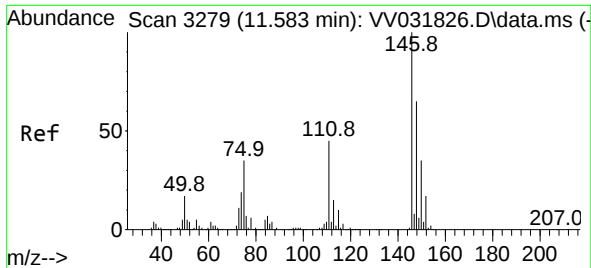
Ion Ratio Lower Upper

146 100

111 36.0 26.2 48.8

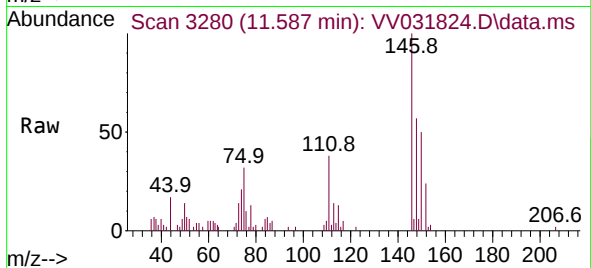
148 72.8 43.0 80.0



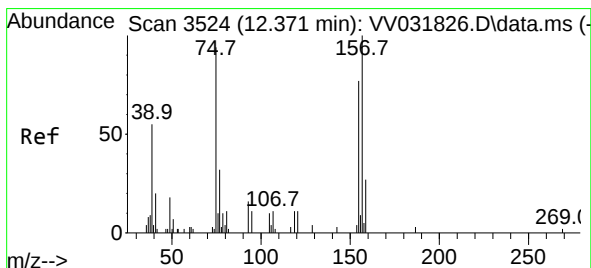
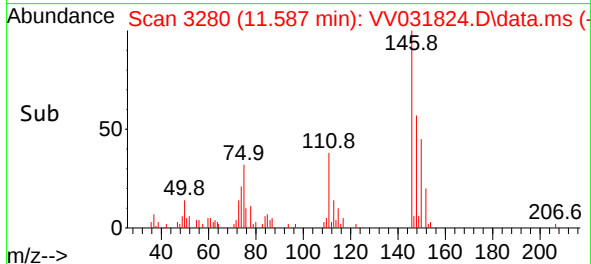
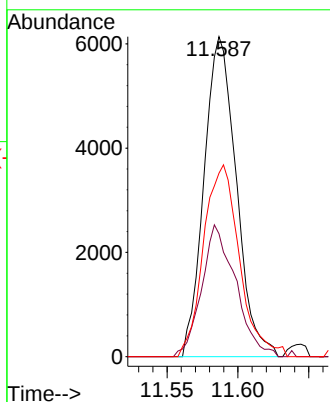


#67
1,2-Dichlorobenzene
Concen: 0.454 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Instrument :
MSVOA_V
ClientSampleId :

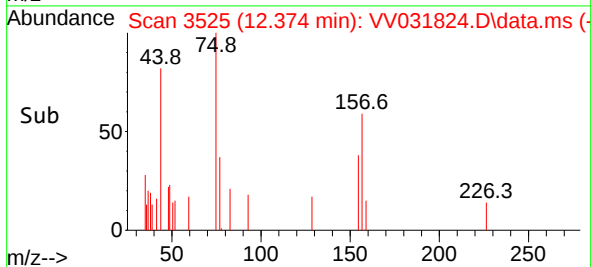
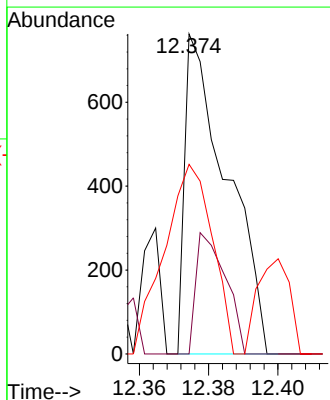
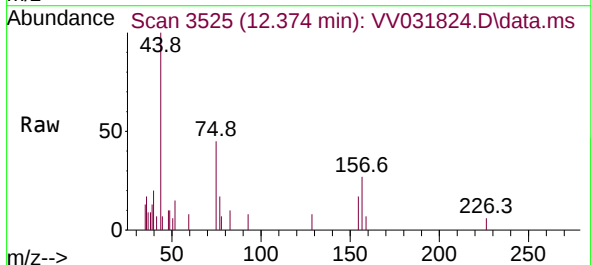


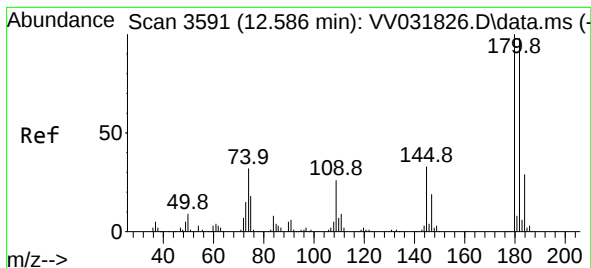
Tgt Ion:146 Resp: 9730
Ion Ratio Lower Upper
146 100
111 38.4 36.1 54.1
148 63.6 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.396 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV031824.D
Acq: 17 Aug 2023 11:11

Tgt Ion: 75 Resp: 644
Ion Ratio Lower Upper
75 100
155 0.0 63.8 95.6#
157 59.2 82.6 124.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.444 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.007 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 7351

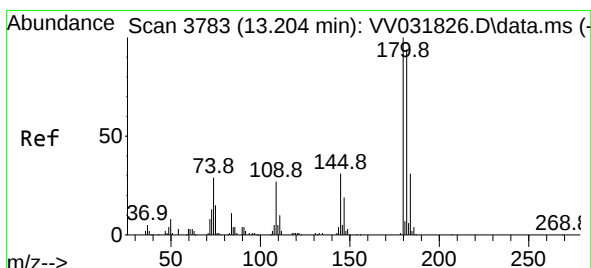
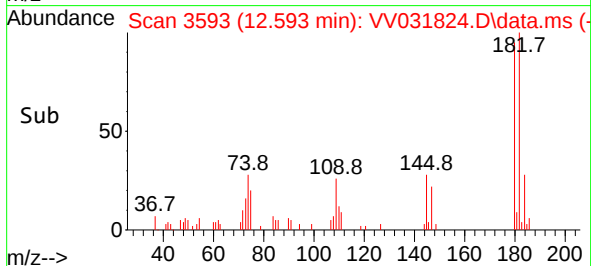
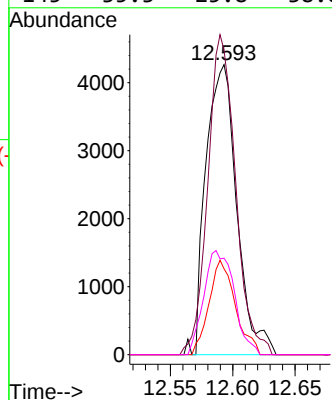
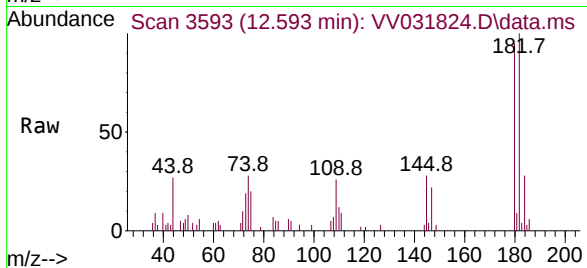
Ion Ratio Lower Upper

180 100

182 99.2 76.3 114.5

184 27.8 23.7 35.5

145 35.3 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 0.490 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

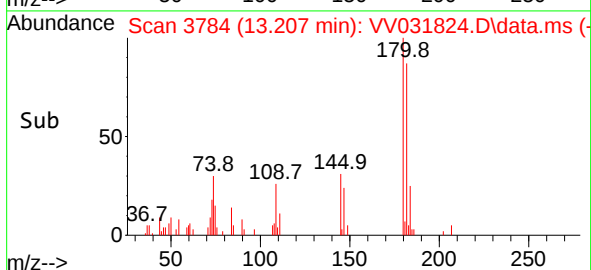
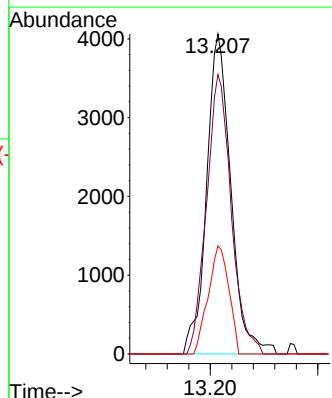
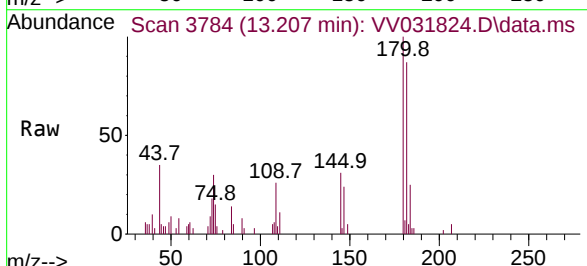
Tgt Ion:180 Resp: 6363

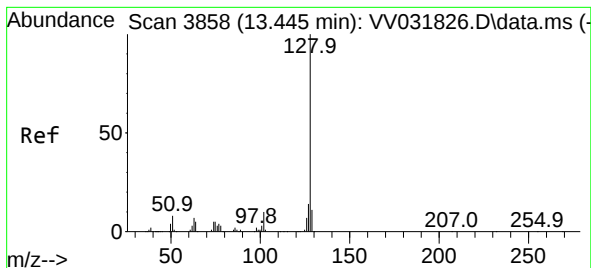
Ion Ratio Lower Upper

180 100

182 88.7 75.2 112.8

145 28.7 25.0 37.4





#71

Naphthalene

Concen: 0.440 ug/L

RT: 13.448 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV031824.D

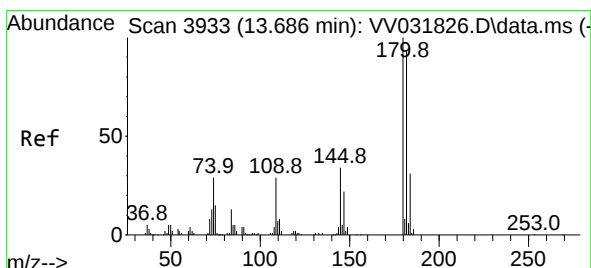
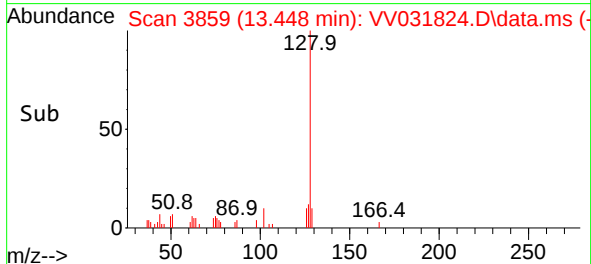
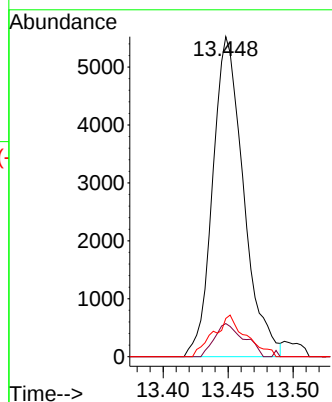
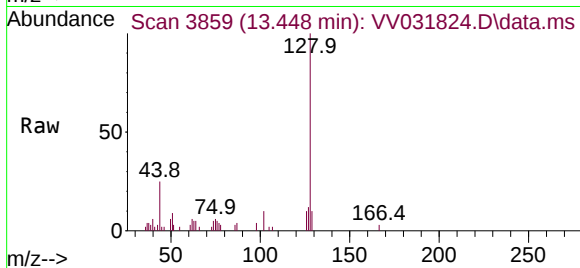
Acq: 17 Aug 2023 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	9096
Ion Ratio	Lower	Upper
128	100	
129	9.9	8.6 12.8
127	13.6	11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 0.459 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031824.D

Acq: 17 Aug 2023 11:11

Tgt Ion:180	Resp:	5505
Ion Ratio	Lower	Upper
180	100	
182	91.5	75.9 113.9
145	35.8	27.6 41.4

