

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036992.D
 Acq On : 21 Aug 2024 14:37
 Operator : SY/MD
 Sample : VSTD02.556
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 01:04:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	681143	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	613134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	276708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33058	2.985	ug/L	0.00
7) Chloroethane-d5	1.532	69	26647	2.946	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	16320	3.341	ug/L	0.00
21) 2-Butanone-d5	3.635	46	201	0.121	ug/L	-0.21
24) Chloroform-d	4.243	84	55845	2.762	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	23991	2.600	ug/L	0.00
32) Benzene-d6	4.953	84	114971	2.970	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	33617	2.931	ug/L	0.00
41) Toluene-d8	7.239	98	100731	2.868	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	10651	2.621	ug/L	0.00
47) 2-Hexanone-d5	8.069	63	3363	3.419	ug/L	0.04
56) 1,1,2,2-Tetrachloroeth...	10.149	84	15680	2.456	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	30787	2.990	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	31443	3.044	ug/L	98
3) Chloromethane	1.217	50	33246	2.661	ug/L	100
5) Vinyl chloride	1.281	62	31669	2.627	ug/L	96
6) Bromomethane	1.487	94	20751	2.656	ug/L	98
8) Chloroethane	1.548	64	18669	2.434	ug/L	99
9) Trichlorofluoromethane	1.712	101	40926	2.658	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	24828	2.613	ug/L	100
12) 1,1-Dichloroethene	2.066	96	23862	2.616	ug/L	92
13) Acetone	2.384	43	6361	2.140	ug/L	80
14) Carbon disulfide	2.236	76	81710	2.661	ug/L	100
15) Methyl Acetate	2.384	43	6361	1.901	ug/L	96
16) Methylene chloride	2.439	84	61380	4.105	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	25125	2.459	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	43270	2.062	ug/L	100
19) 1,1-Dichloroethane	3.101	63	48604	2.498	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	26937	2.442	ug/L	96
22) 2-Butanone	3.937	43	1537	0.702	ug/L #	100
23) Bromochloromethane	4.140	128	9961	2.292	ug/L	94
25) Chloroform	4.272	83	47113	2.419	ug/L	100
27) 1,2-Dichloroethane	5.043	62	23449	2.203	ug/L	96
29) Cyclohexane	4.567	56	40745	2.659	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	39698	2.617	ug/L	99
31) Carbon tetrachloride	4.722	117	32478	2.580	ug/L	100
33) Benzene	5.002	78	98081	2.489	ug/L	100
34) Trichloroethene	5.828	95	28491	2.546	ug/L	97
35) Methylcyclohexane	6.040	83	44797	2.700	ug/L	98
37) 1,2-Dichloropropane	6.092	63	22755	2.336	ug/L #	97
38) Bromodichloromethane	6.432	83	28753	2.364	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	28653	1.965	ug/L	98
40) 4-Methyl-2-pentanone	7.175	43	15355	3.815	ug/L	98
42) Toluene	7.313	91	101962	2.445	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	22301	2.017	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036992.D
 Acq On : 21 Aug 2024 14:37
 Operator : SY/MD
 Sample : VSTD02.556
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

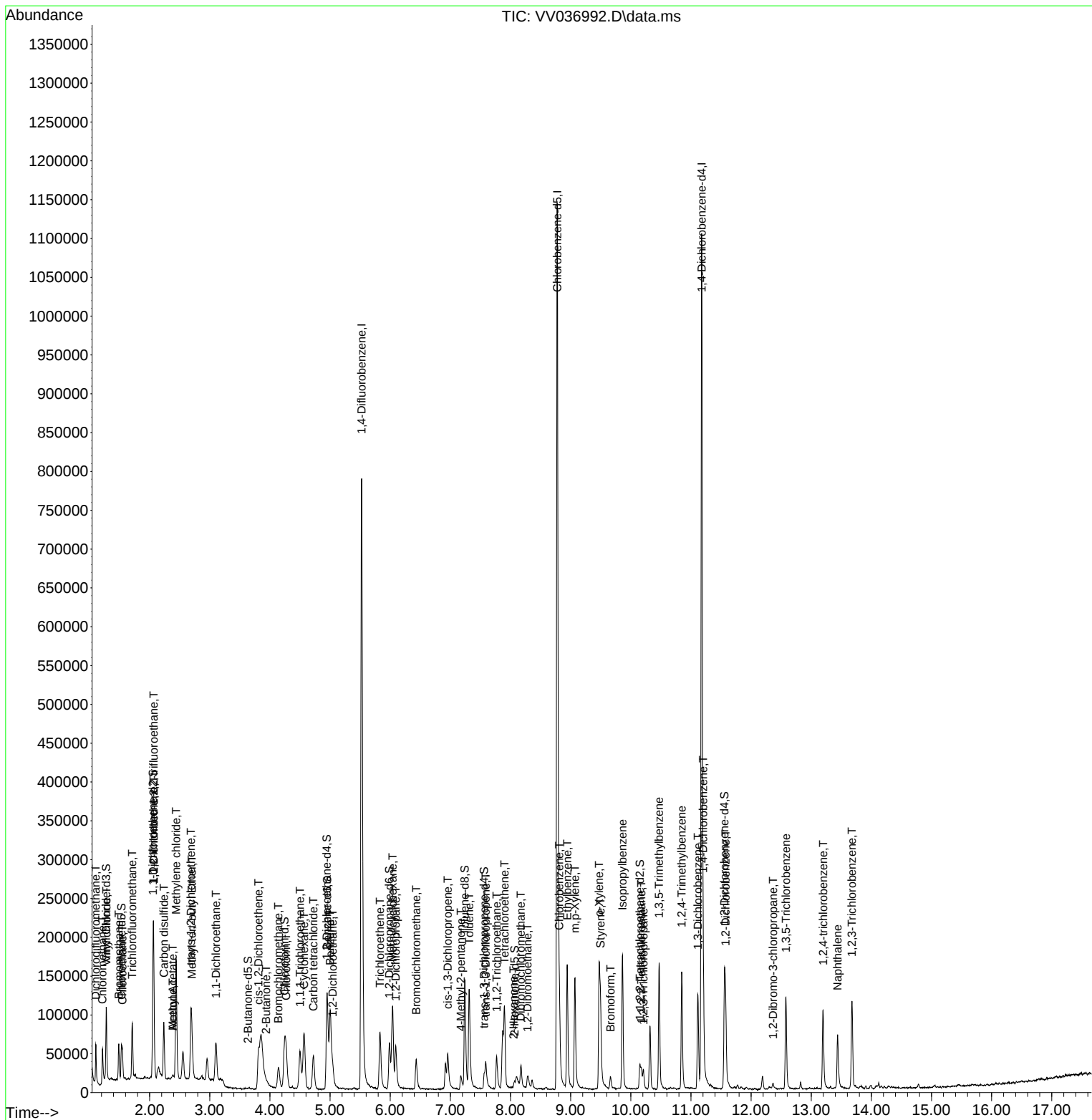
Quant Time: Aug 22 01:04:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

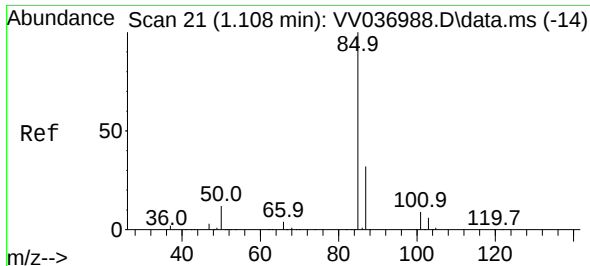
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	14041	2.226	ug/L	96
46) Tetrachloroethene	7.902	164	21616	2.766	ug/L	96
48) 2-Hexanone	8.053	43	214	0.071	ug/L #	36
49) Dibromochloromethane	8.172	129	14115	2.013	ug/L	100
50) 1,2-Dibromoethane	8.281	107	11738	2.015	ug/L	91
51) Chlorobenzene	8.812	112	68082	2.557	ug/L	95
52) Ethylbenzene	8.944	91	114490	2.430	ug/L	98
53) m,p-Xylene	9.072	106	40648	2.333	ug/L	94
54) o-Xylene	9.474	106	39208	2.337	ug/L	95
55) Styrene	9.497	104	62206	2.221	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	12626	2.097	ug/L #	91
59) Bromoform	9.664	173	6730	2.077	ug/L #	91
60) Isopropylbenzene	9.863	105	111514	2.621	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	10144	2.286	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	87593	2.484	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	85211	2.439	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	49774	2.626	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	51099	2.711	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	40863	2.505	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	2096	2.319	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	35315	2.681	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	29419	2.794	ug/L	99
71) Naphthalene	13.439	128	58044	3.511	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	24746	2.800	ug/L	96

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

Quant Time: Aug 22 01:04:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration

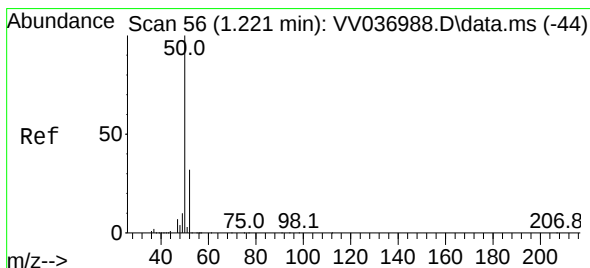
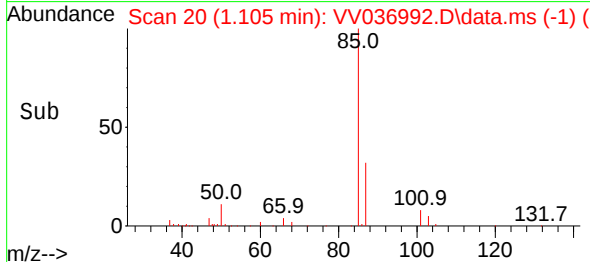
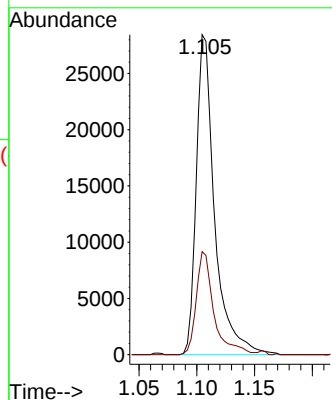
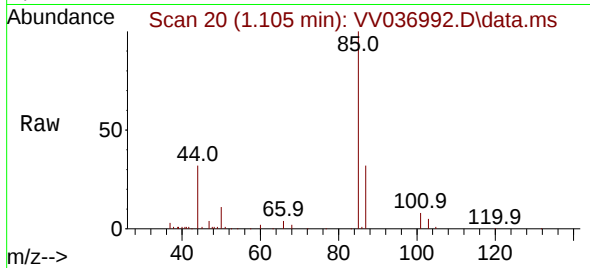




#2
Dichlorodifluoromethane
Concen: 3.044 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

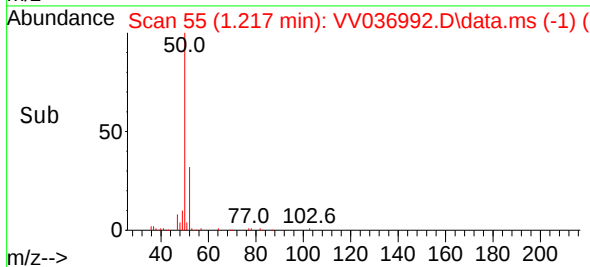
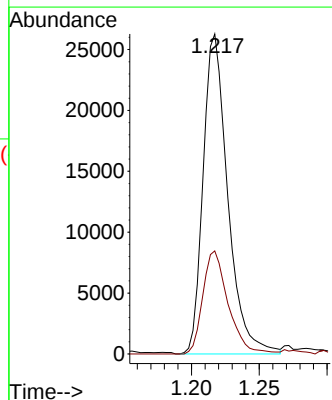
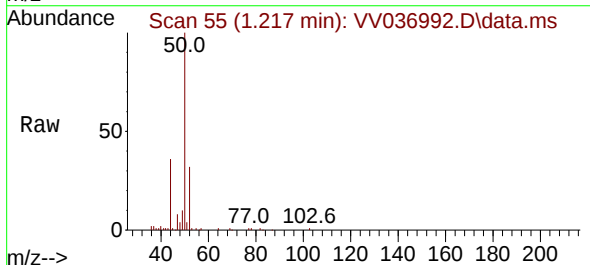
Instrument :
MSVOA_V
ClientSampleId :

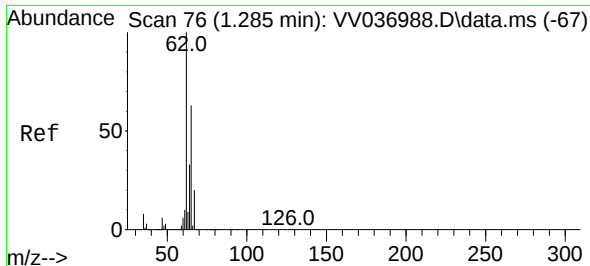
Tgt Ion: 85 Resp: 31443
Ion Ratio Lower Upper
85 100
87 31.0 25.7 38.5



#3
Chloromethane
Concen: 2.661 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 50 Resp: 33246
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.9

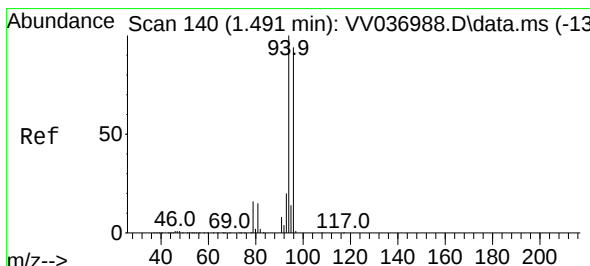
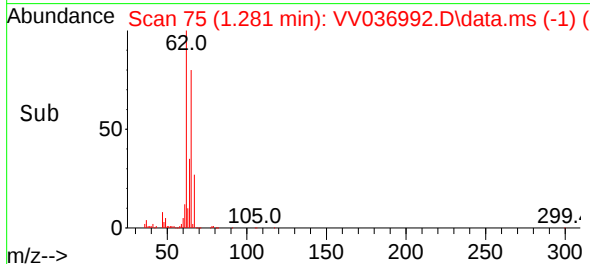
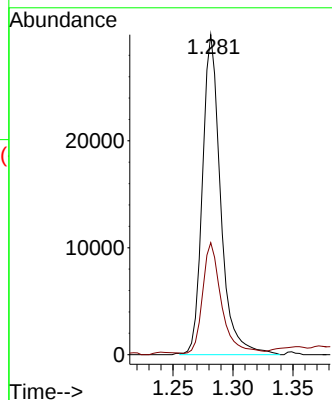
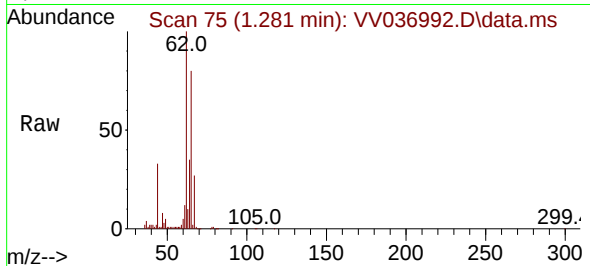




#5
 Vinyl chloride
 Concen: 2.627 ug/L
 RT: 1.281 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036992.D
 Acq: 21 Aug 2024 14:37

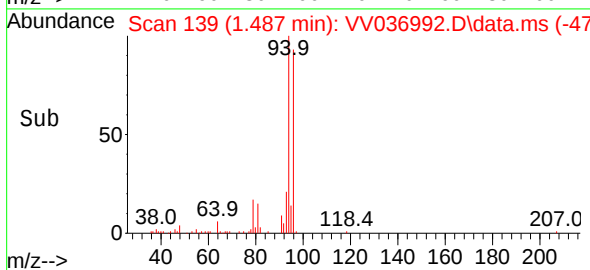
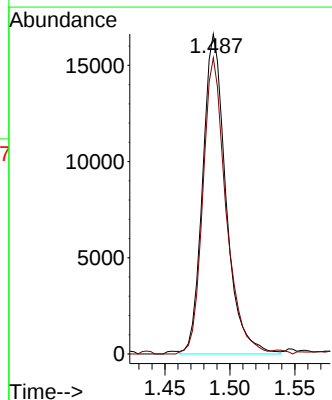
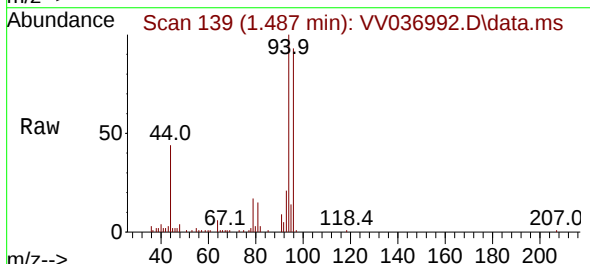
Instrument :
 MSVOA_V
 ClientSampleId :

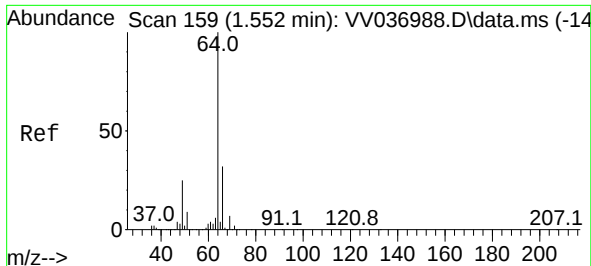
Tgt Ion: 62 Resp: 31669
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9



#6
 Bromomethane
 Concen: 2.656 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV036992.D
 Acq: 21 Aug 2024 14:37

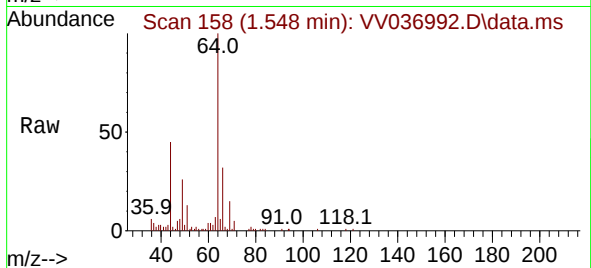
Tgt Ion: 94 Resp: 20751
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.9 122.3



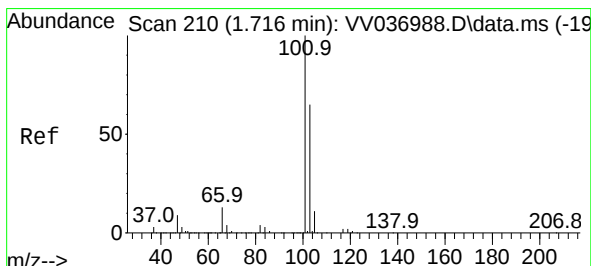
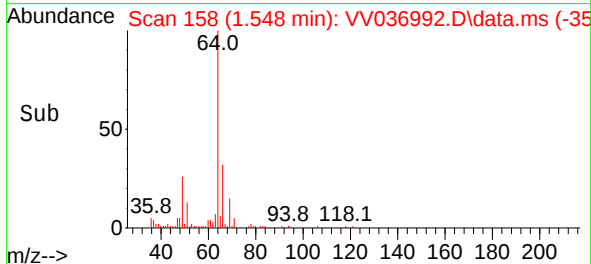
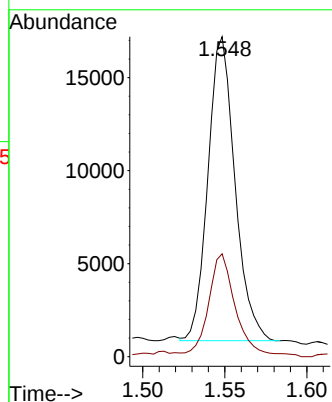


#8
Chloroethane
Concen: 2.434 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Instrument :
MSVOA_V
ClientSampleId :

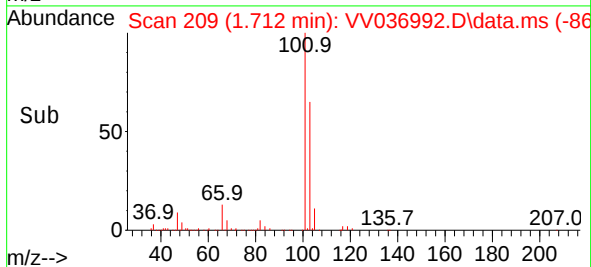
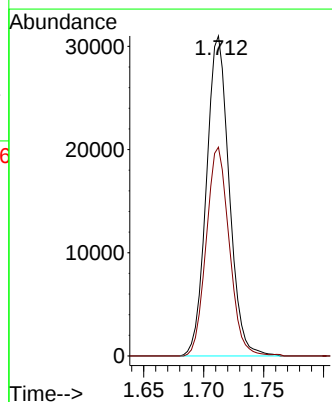
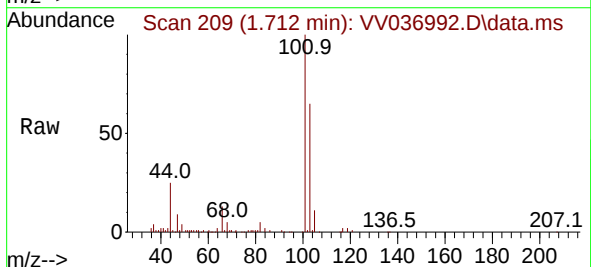


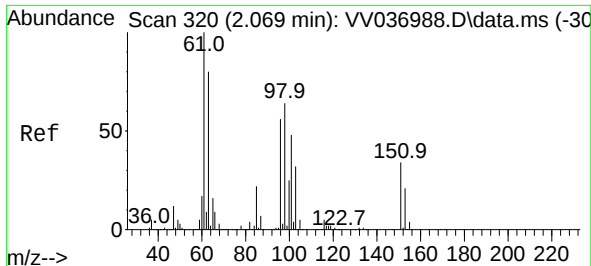
Tgt Ion: 64 Resp: 18669
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 2.658 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion:101 Resp: 40926
Ion Ratio Lower Upper
101 100
103 65.9 51.1 76.7

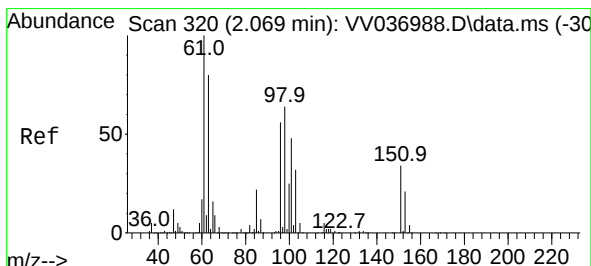
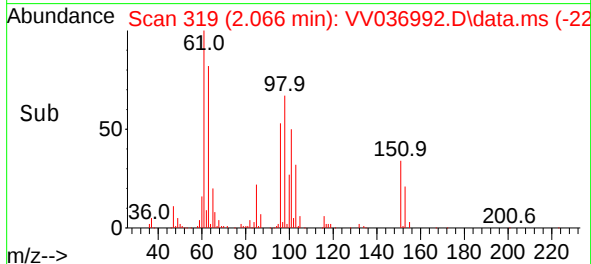
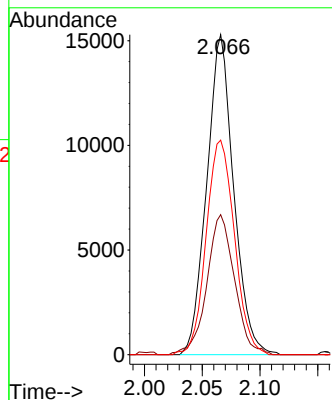
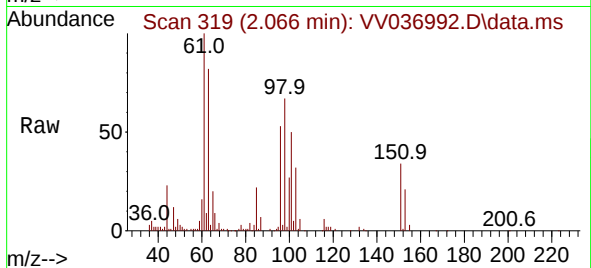




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.613 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036992.D
 Acq: 21 Aug 2024 14:37

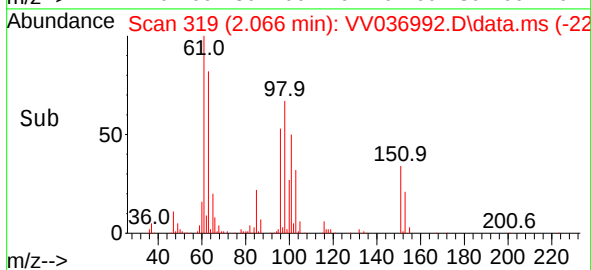
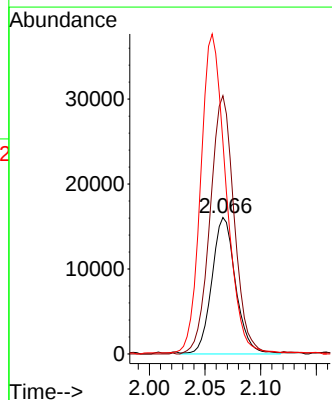
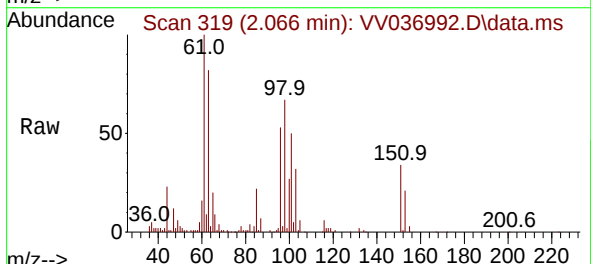
Instrument :
 MSVOA_V
 ClientSampleId :

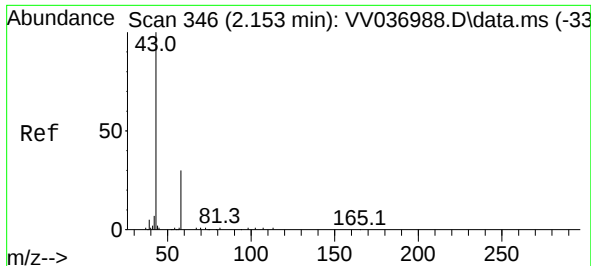
Tgt Ion:101 Resp: 24828
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.2 54.2
 151 70.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 2.616 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036992.D
 Acq: 21 Aug 2024 14:37

Tgt Ion: 96 Resp: 23862
 Ion Ratio Lower Upper
 96 100
 61 189.1 124.9 231.9
 63 155.3 100.5 186.7





#13

Acetone

Concen: 2.140 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

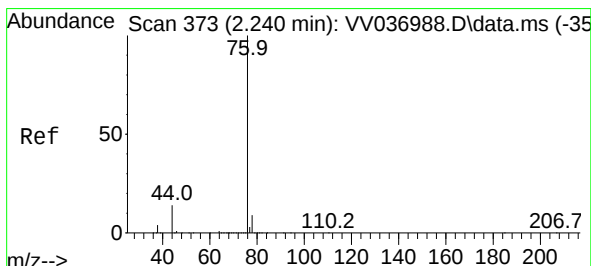
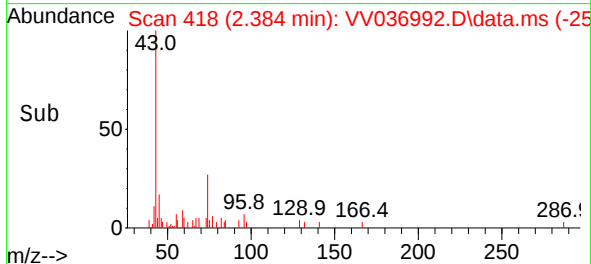
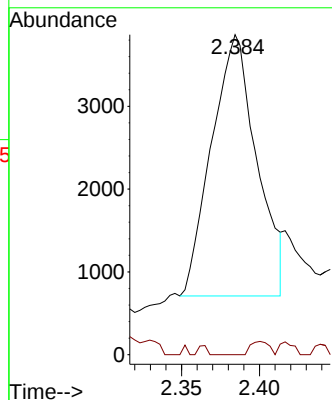
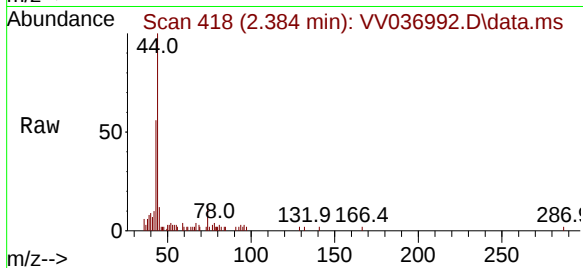
ClientSampleId :

Tgt Ion: 43 Resp: 6361

Ion Ratio Lower Upper

43 100

58 2.0 0.0 18.8



#14

Carbon disulfide

Concen: 2.661 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV036992.D

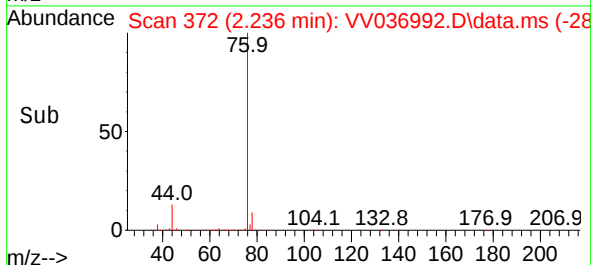
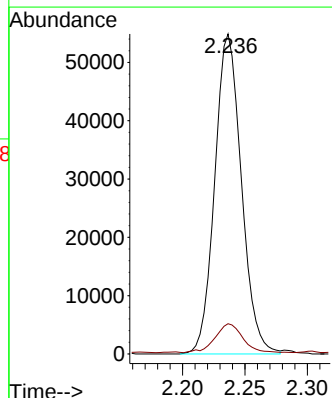
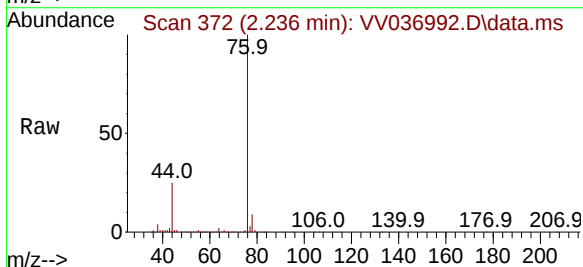
Acq: 21 Aug 2024 14:37

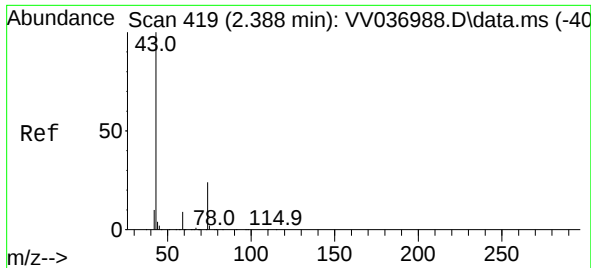
Tgt Ion: 76 Resp: 81710

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

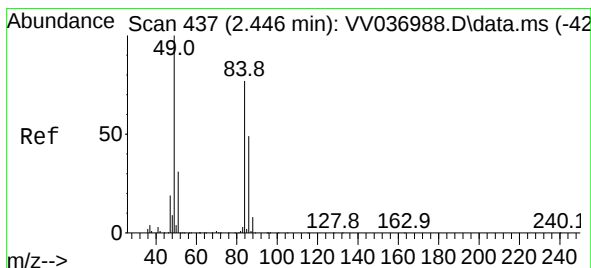
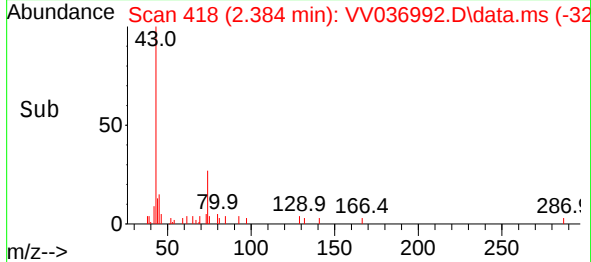
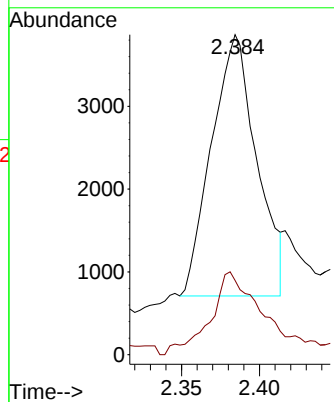
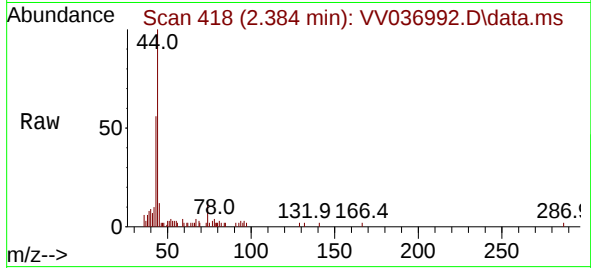




#15
Methyl Acetate
Concen: 1.901 ug/L
RT: 2.384 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

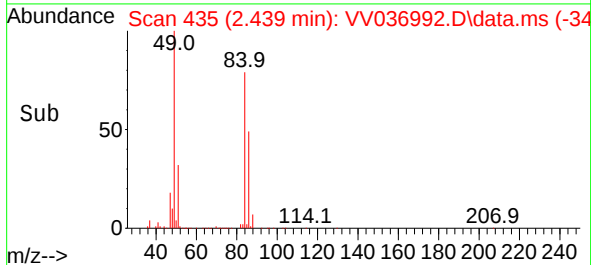
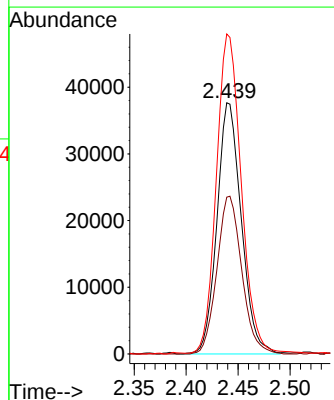
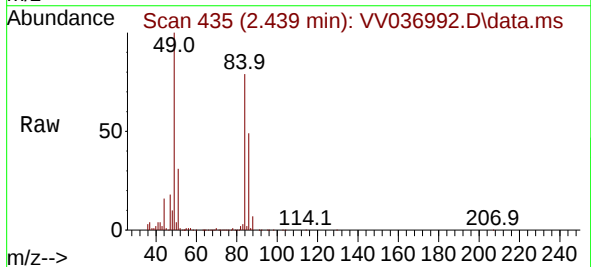
Instrument :
MSVOA_V
ClientSampleId :

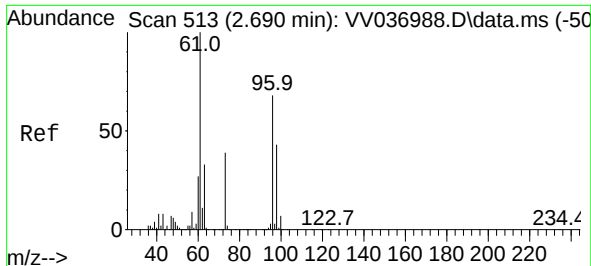
Tgt Ion: 43 Resp: 6361
Ion Ratio Lower Upper
43 100
74 26.8 19.8 29.6



#16
Methylene chloride
Concen: 4.105 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 84 Resp: 61380
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.0
49 127.4 91.0 169.0

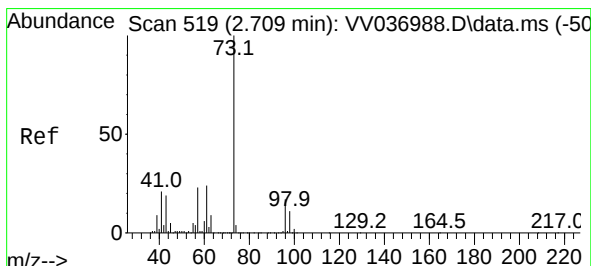
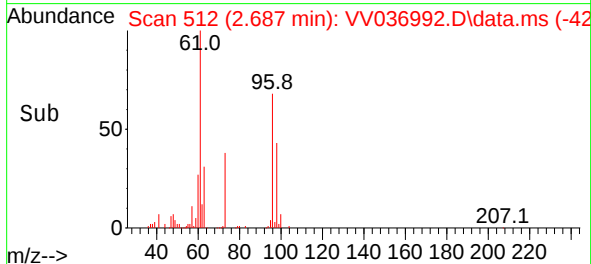
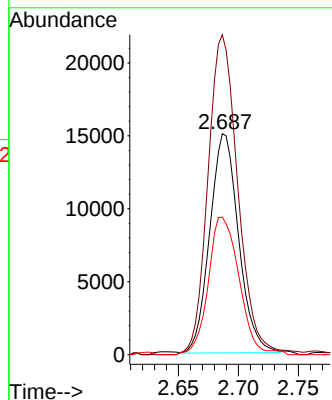
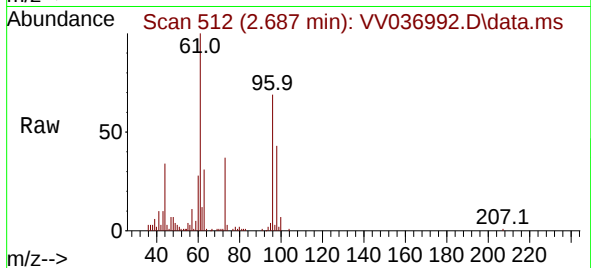




#17
trans-1,2-Dichloroethene
Concen: 2.459 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

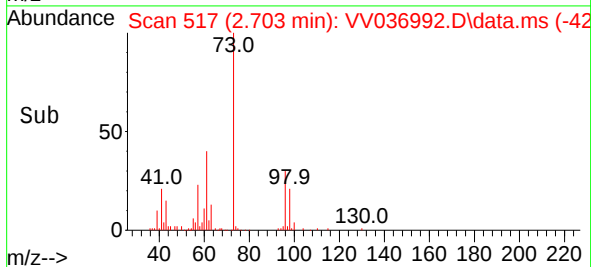
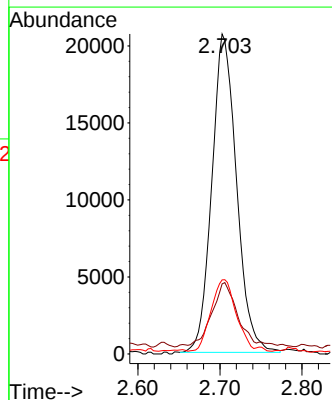
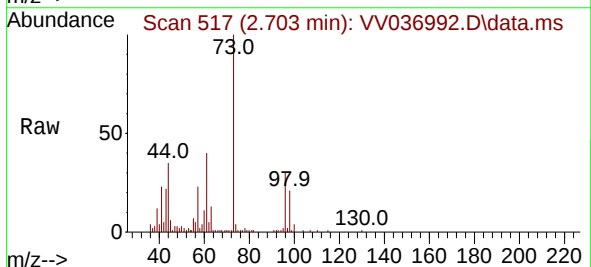
Instrument :
MSVOA_V
ClientSampleId :

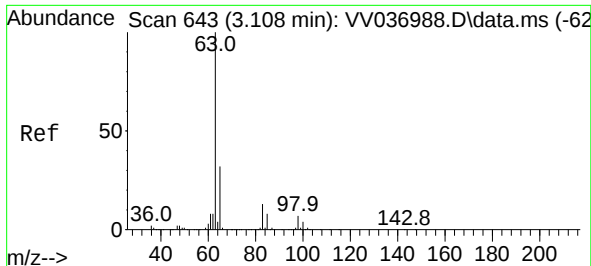
Tgt Ion: 96 Resp: 25125
Ion Ratio Lower Upper
96 100
61 144.8 102.6 190.6
98 62.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 2.062 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 73 Resp: 43270
Ion Ratio Lower Upper
73 100
43 19.6 15.7 23.5
57 22.7 17.9 26.9

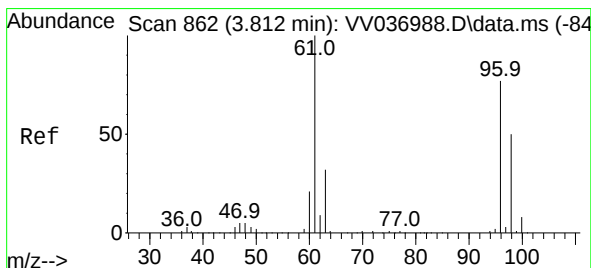
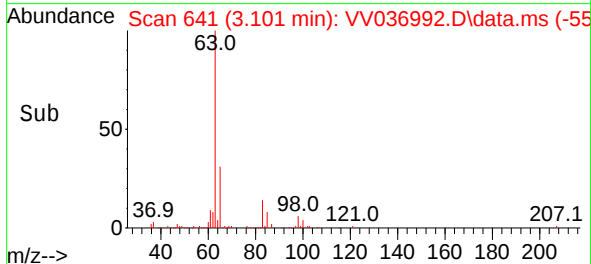
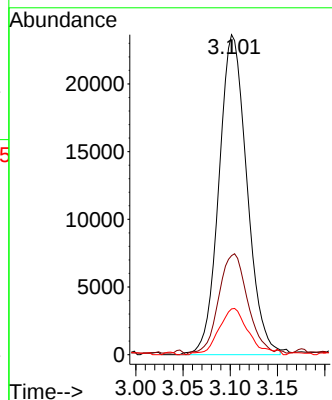
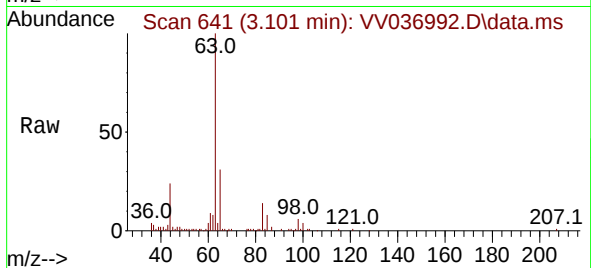




#19
1,1-Dichloroethane
Concen: 2.498 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

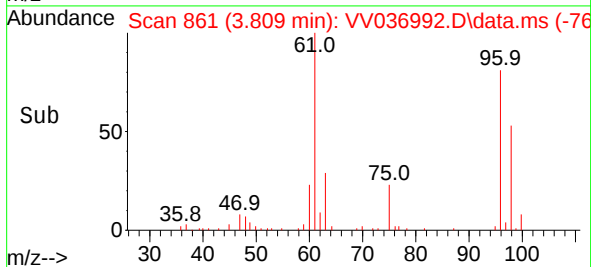
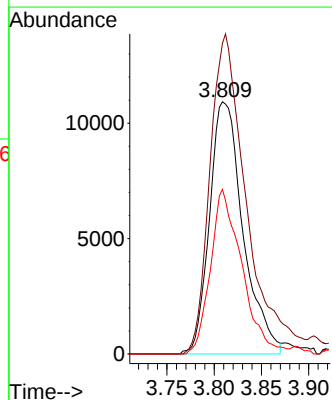
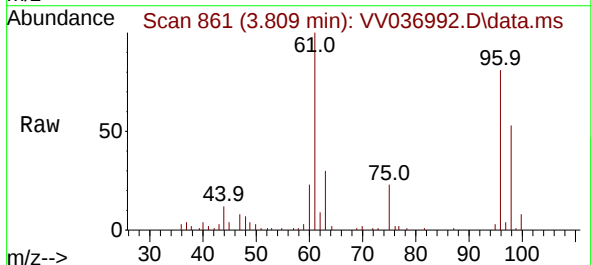
Instrument :
MSVOA_V
ClientSampleId :

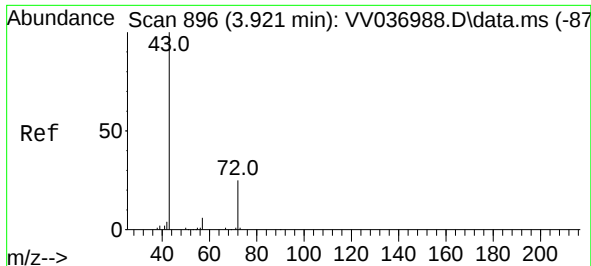
Tgt Ion: 63 Resp: 48604
Ion Ratio Lower Upper
63 100
65 31.0 22.6 42.0
83 14.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 2.442 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 96 Resp: 26937
Ion Ratio Lower Upper
96 100
61 123.2 91.1 169.3
98 65.3 45.4 84.2





#22

2-Butanone

Concen: 0.702 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.016 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

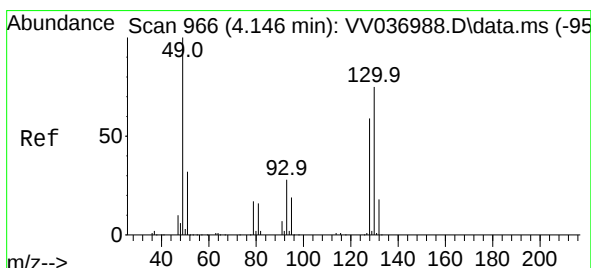
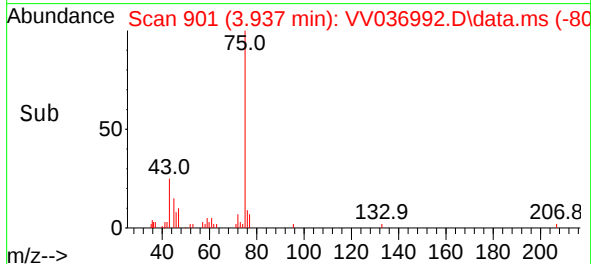
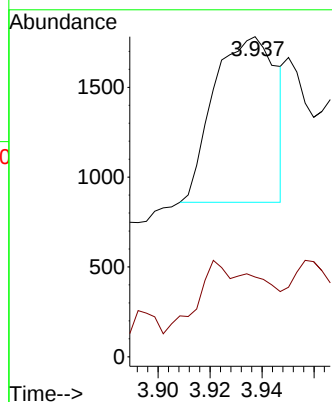
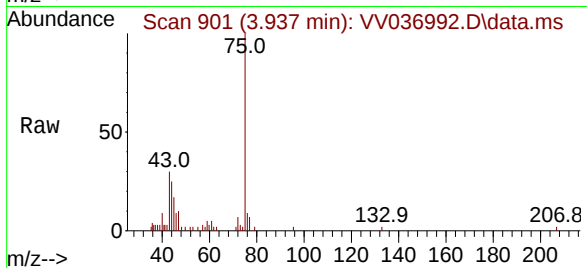
ClientSampleId :

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

43 100

72 22.3 0.0 0.0#



#23

Bromochloromethane

Concen: 2.292 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.007 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Tgt Ion:128 Resp: 9961

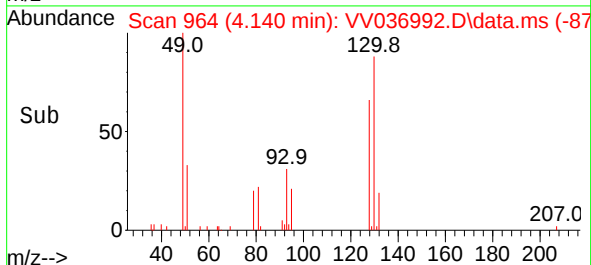
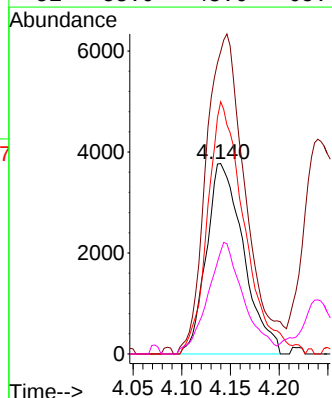
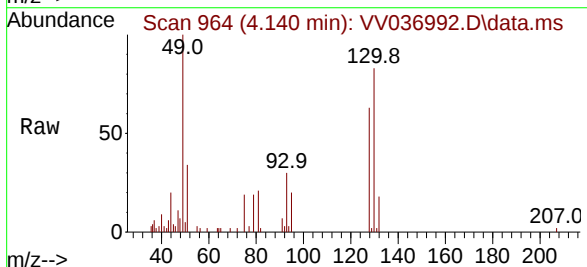
Ion Ratio Lower Upper

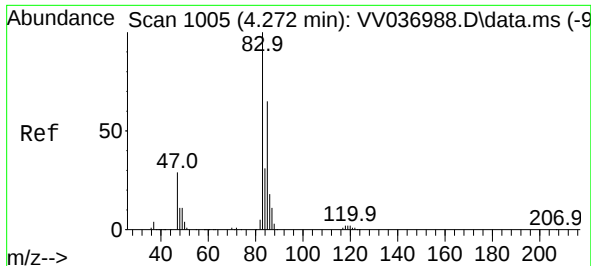
128 100

49 158.8 119.8 222.6

130 132.4 89.2 165.6

51 53.9 43.6 65.4





#25

Chloroform

Concen: 2.419 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

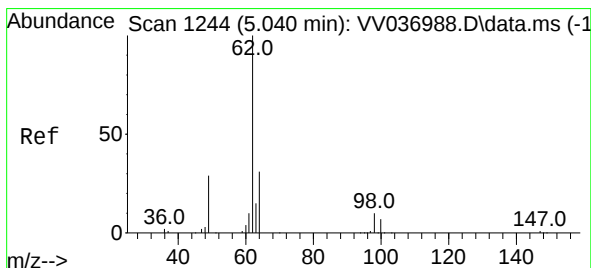
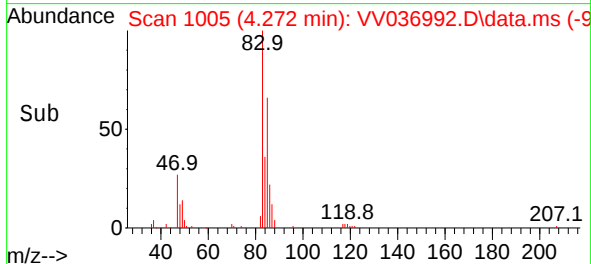
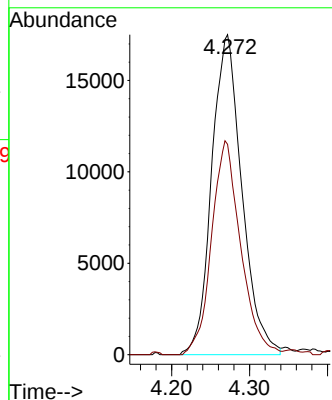
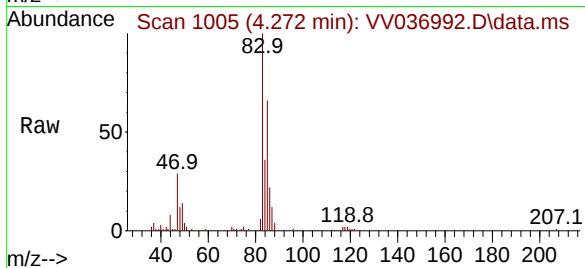
ClientSampleId :

Tgt Ion: 83 Resp: 47113

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 2.203 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV036992.D

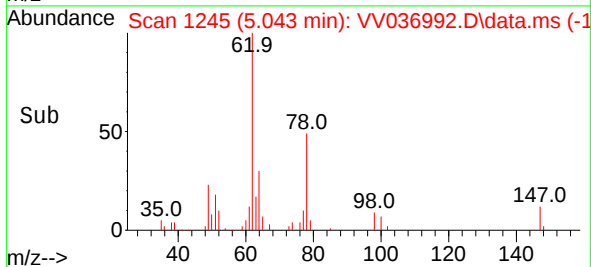
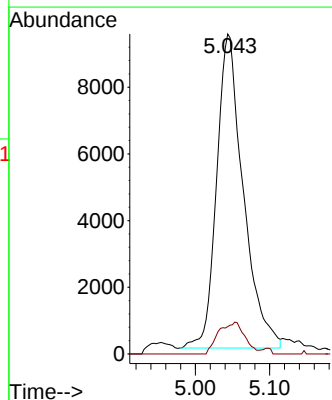
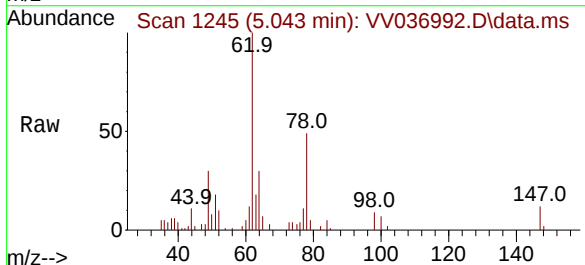
Acq: 21 Aug 2024 14:37

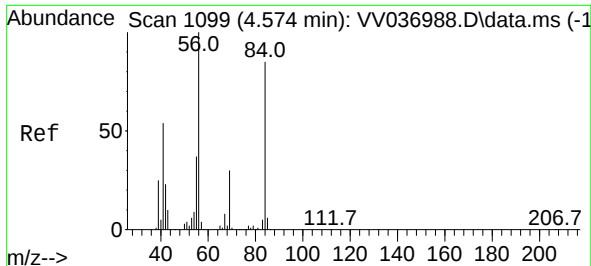
Tgt Ion: 62 Resp: 23449

Ion Ratio Lower Upper

62 100

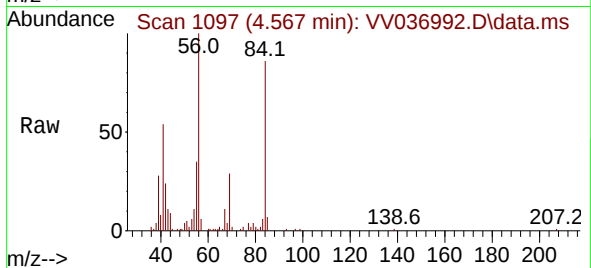
98 8.5 8.1 12.1



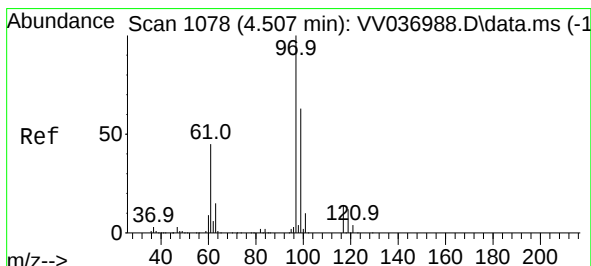
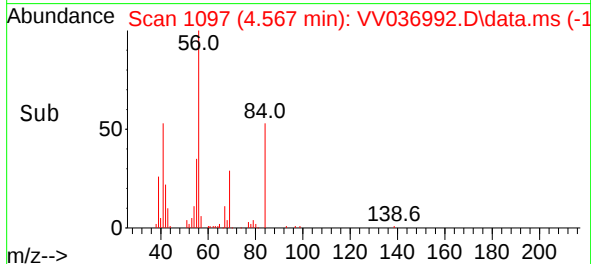
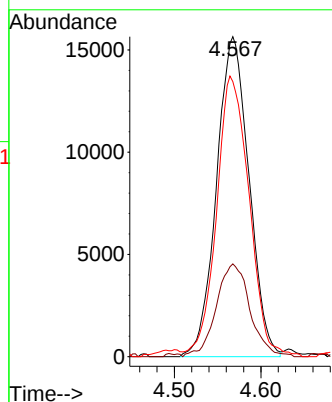


#29
Cyclohexane
Concen: 2.659 ug/L
RT: 4.567 min Scan# 1097
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Instrument :
MSVOA_V
ClientSampleId :

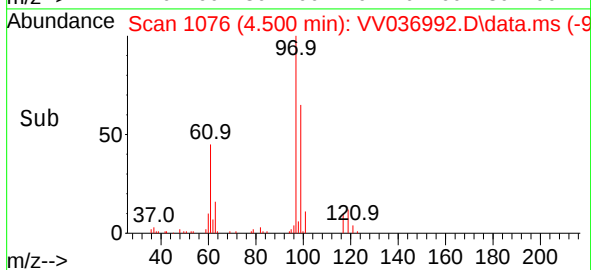
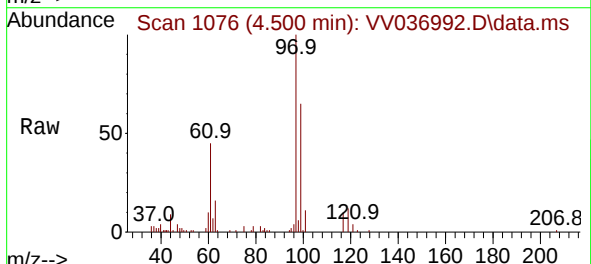
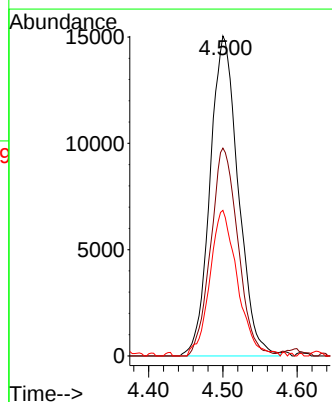


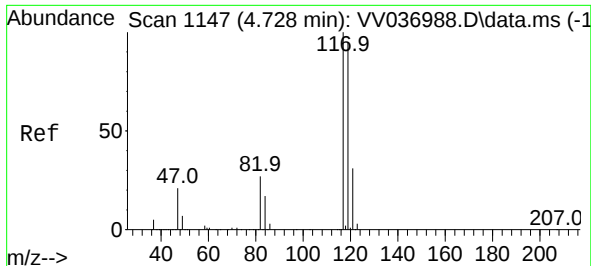
Tgt Ion: 56 Resp: 40745
Ion Ratio Lower Upper
56 100
69 29.6 24.6 37.0
84 85.3 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 2.617 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 97 Resp: 39698
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 44.3 36.2 54.2

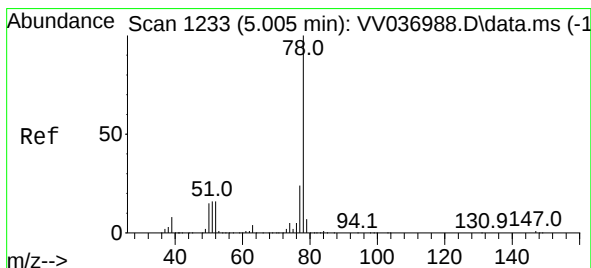
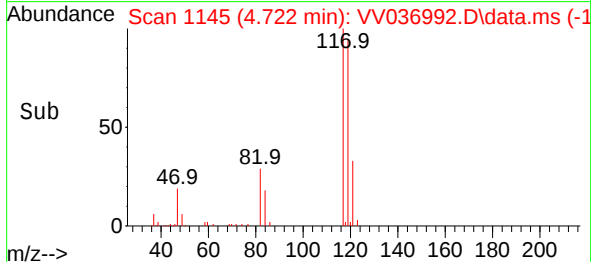
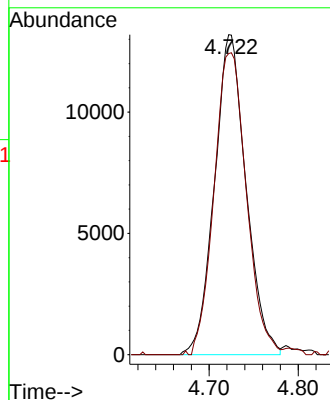
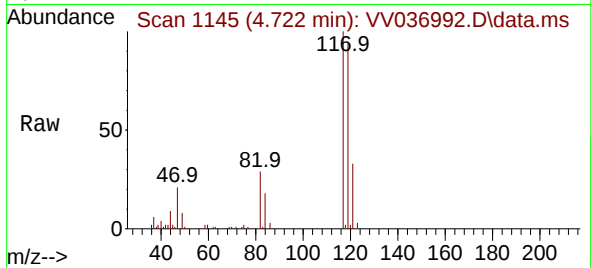




#31
Carbon tetrachloride
Concen: 2.580 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.007 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

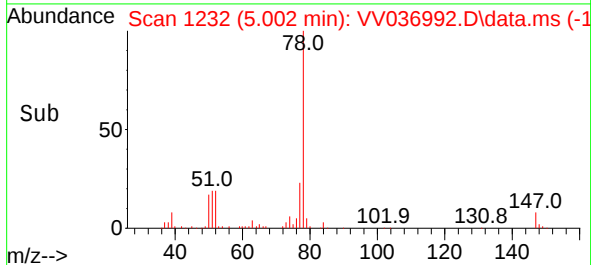
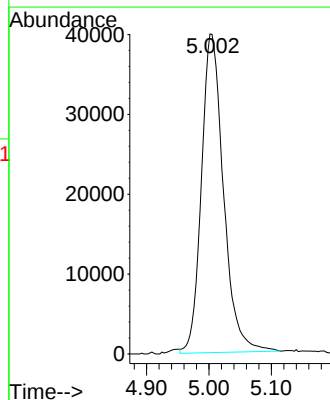
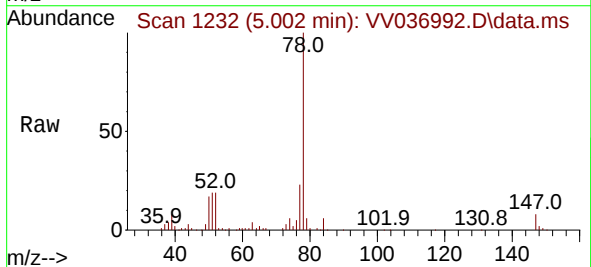
Instrument :
MSVOA_V
ClientSampleId :

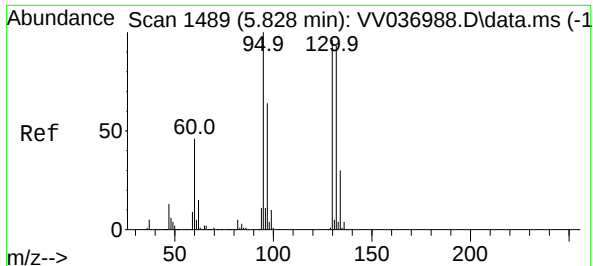
Tgt Ion:117 Resp: 32478
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 2.489 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 78 Resp: 98081





#34

Trichloroethene

Concen: 2.546 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

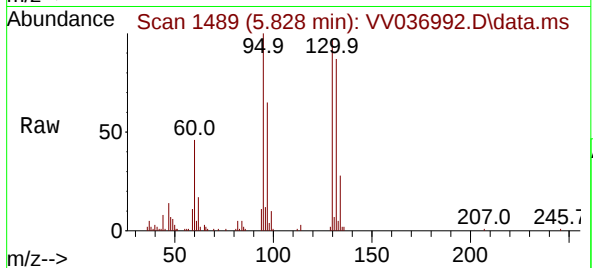
Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 28491

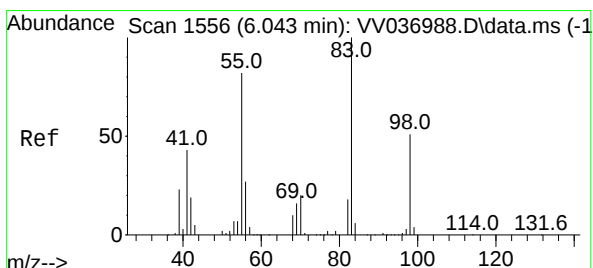
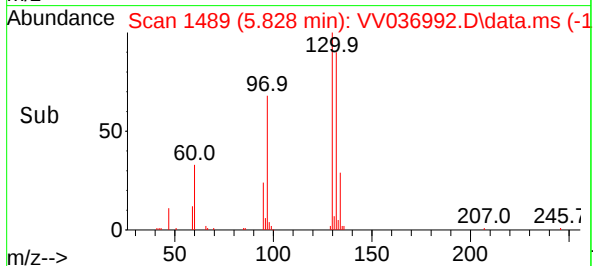
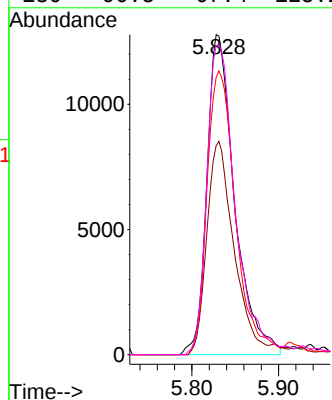
Ion Ratio Lower Upper

95 100

97 65.3 44.8 83.2

132 86.7 64.8 120.4

130 96.5 67.4 125.2



#35

Methylcyclohexane

Concen: 2.700 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

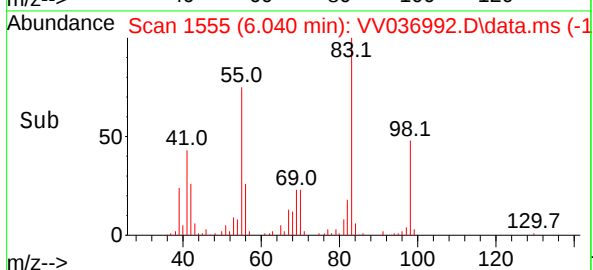
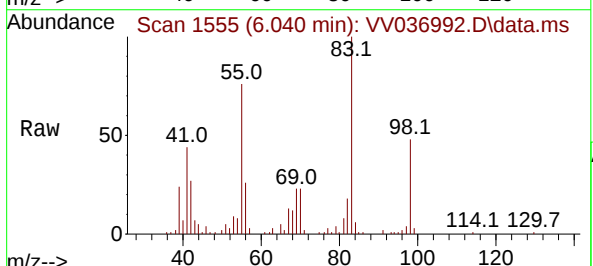
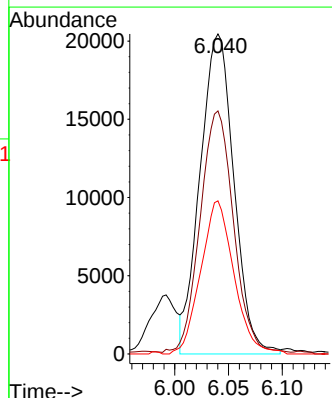
Tgt Ion: 83 Resp: 44797

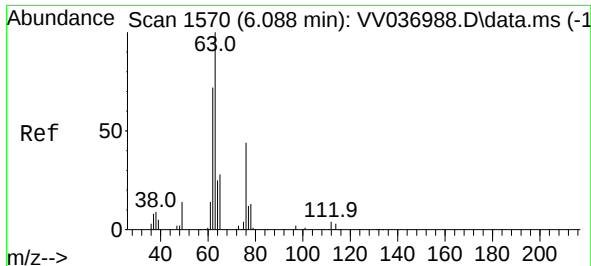
Ion Ratio Lower Upper

83 100

55 74.1 61.3 91.9

98 46.9 38.6 57.8





#37

1,2-Dichloropropane

Concen: 2.336 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

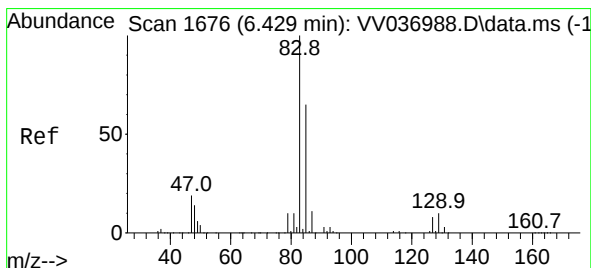
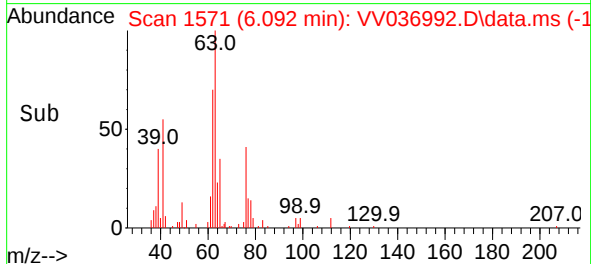
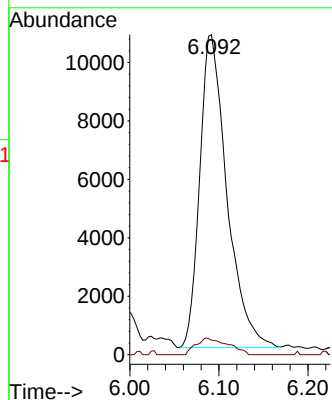
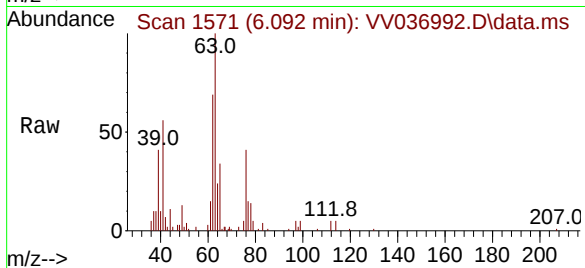
ClientSampleId :

Tgt Ion: 63 Resp: 22755

Ion Ratio Lower Upper

63 100

112 6.2 0.1 0.1#



#38

Bromodichloromethane

Concen: 2.364 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

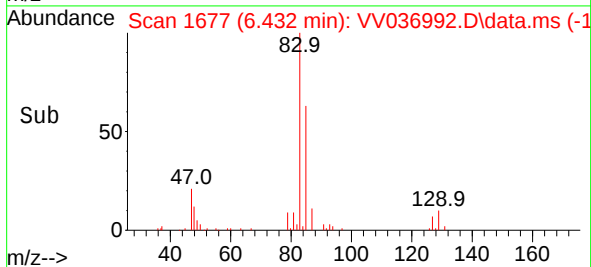
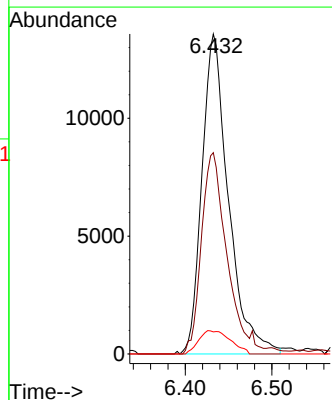
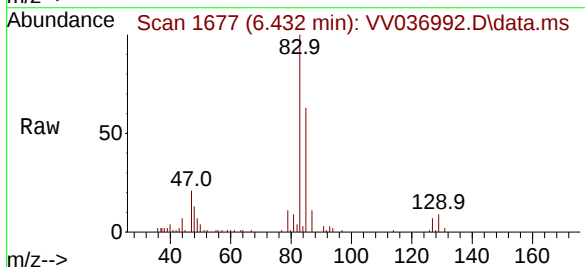
Tgt Ion: 83 Resp: 28753

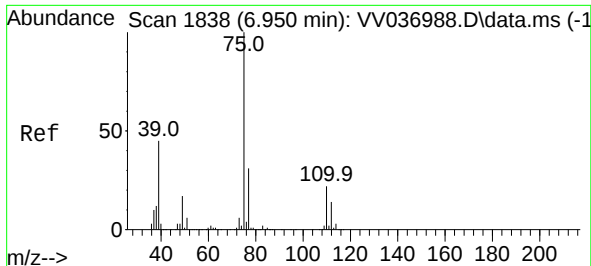
Ion Ratio Lower Upper

83 100

85 62.9 45.6 84.6

127 6.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 1.965 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

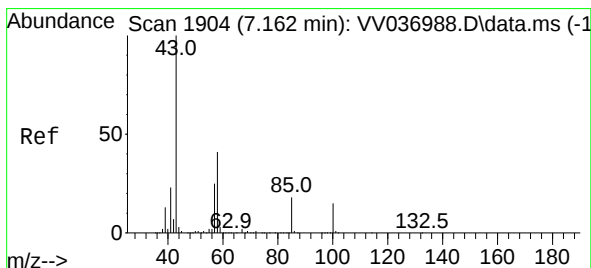
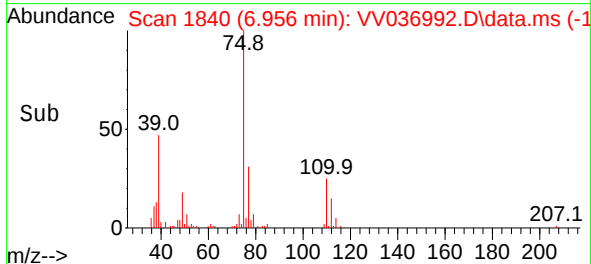
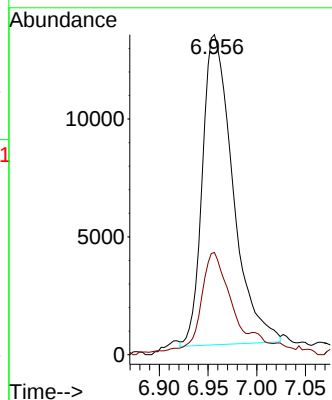
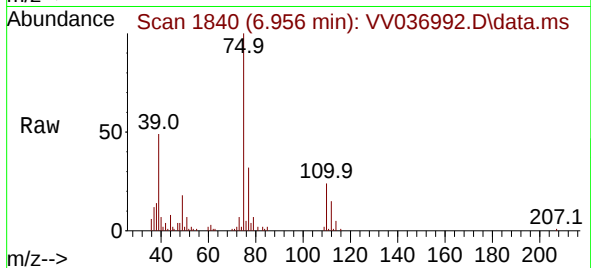
ClientSampleId :

Tgt Ion: 75 Resp: 28653

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 3.815 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.013 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

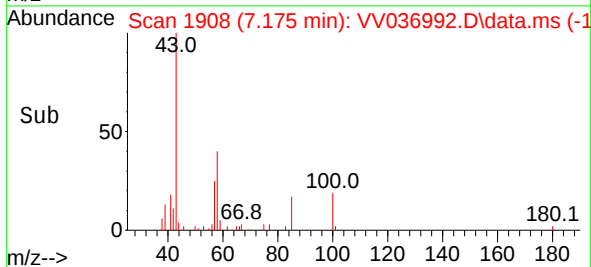
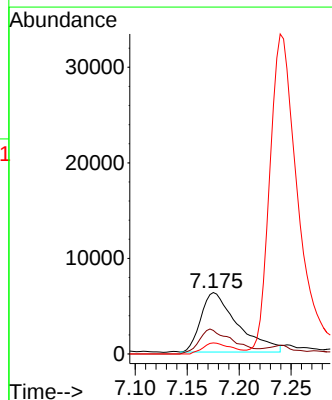
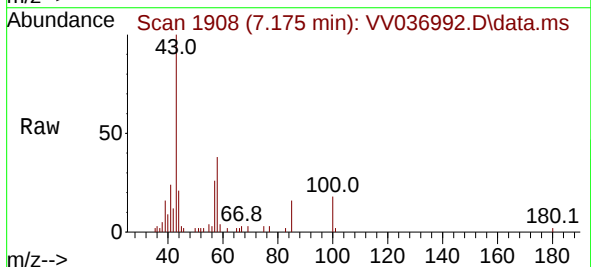
Tgt Ion: 43 Resp: 15355

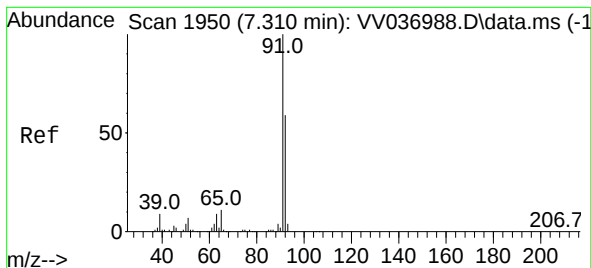
Ion Ratio Lower Upper

43 100

58 38.5 31.5 47.3

100 14.3 12.4 18.6





#42

Toluene

Concen: 2.445 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

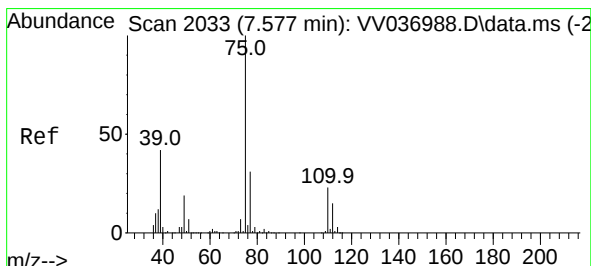
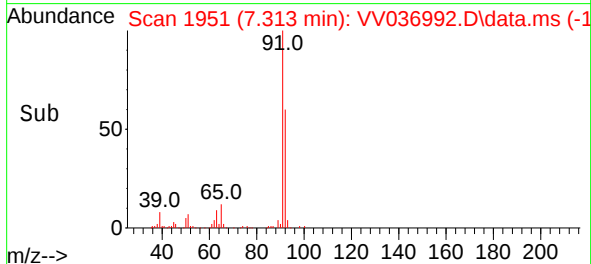
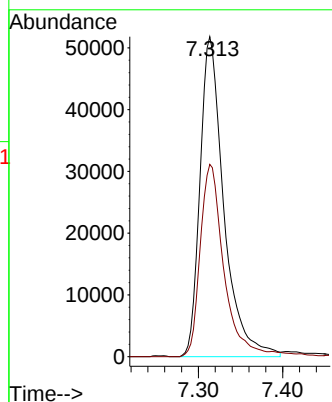
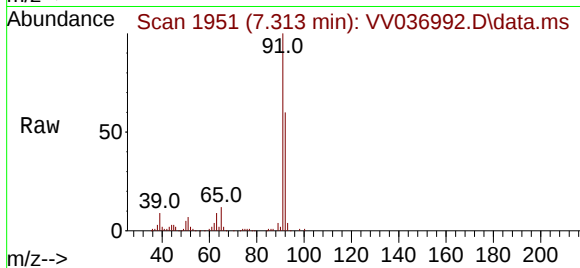
ClientSampleId :

Tgt Ion: 91 Resp: 101962

Ion Ratio Lower Upper

91 100

92 60.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 2.017 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV036992.D

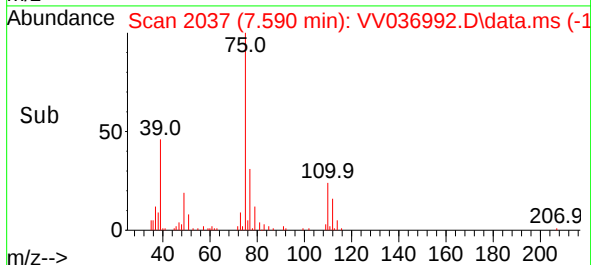
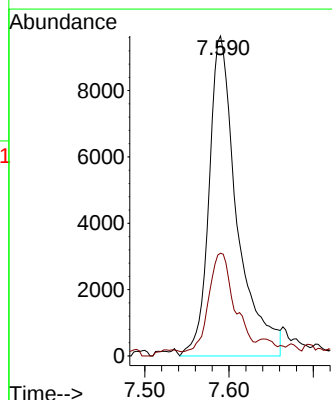
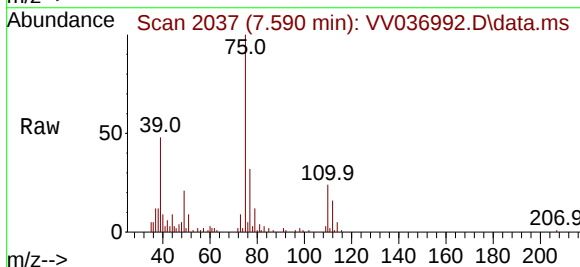
Acq: 21 Aug 2024 14:37

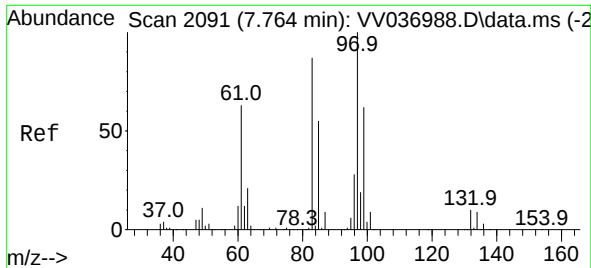
Tgt Ion: 75 Resp: 22301

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.0

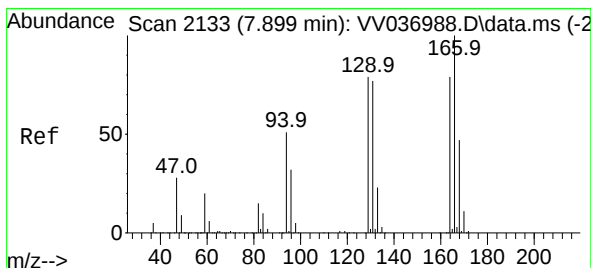
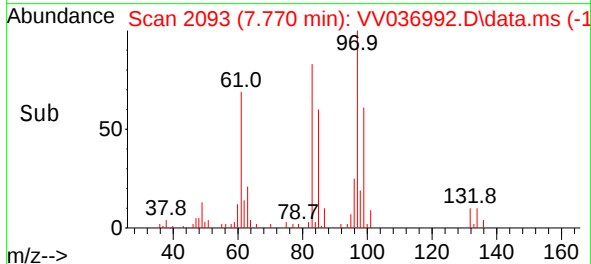
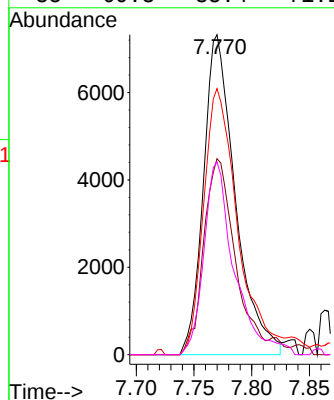
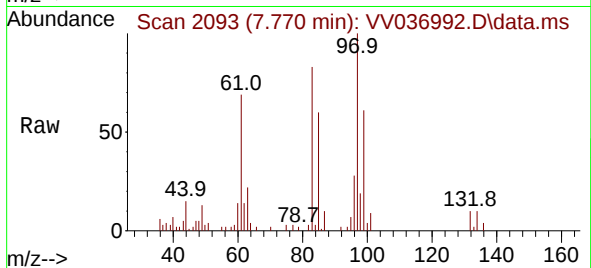




#45
1,1,2-Trichloroethane
Concen: 2.226 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

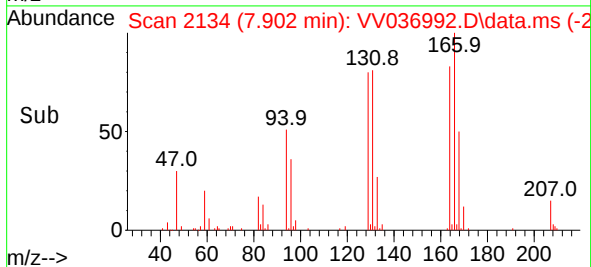
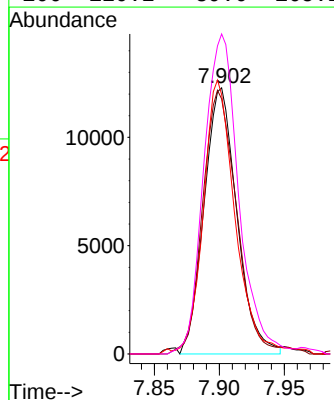
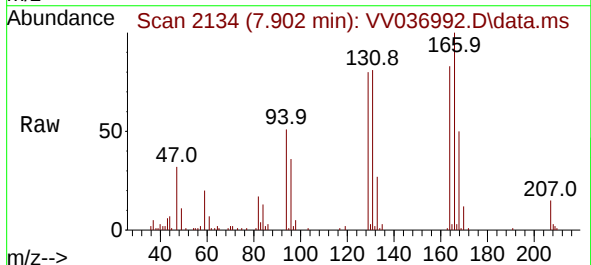
Instrument :
MSVOA_V
ClientSampleId :

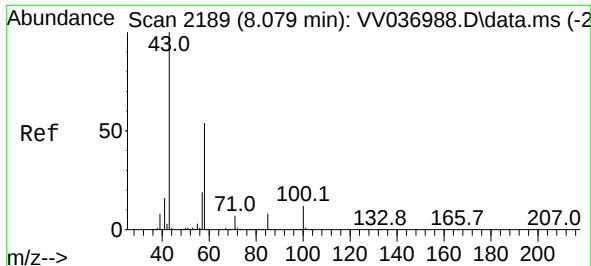
Tgt Ion: 97	Resp: 14041
Ion Ratio	Lower Upper
97 100	
99 61.3	43.6 81.0
83 83.1	61.1 113.5
85 60.3	38.4 71.2



#46
Tetrachloroethene
Concen: 2.766 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

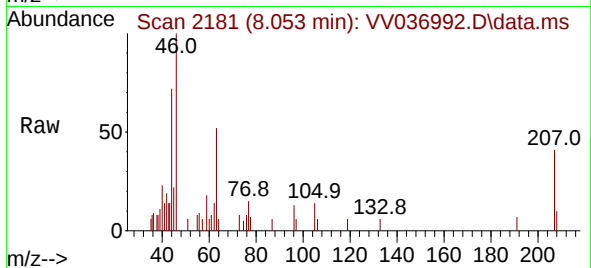
Tgt Ion: 164	Resp: 21616
Ion Ratio	Lower Upper
164 100	
129 95.9	70.8 131.4
131 97.5	68.1 126.5
166 120.2	89.0 165.2





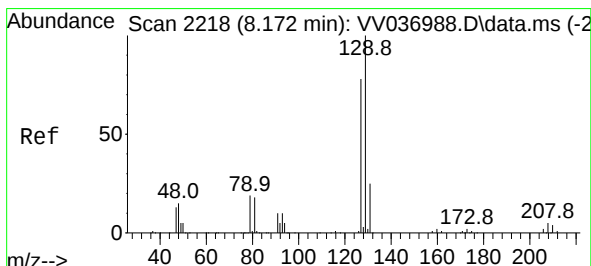
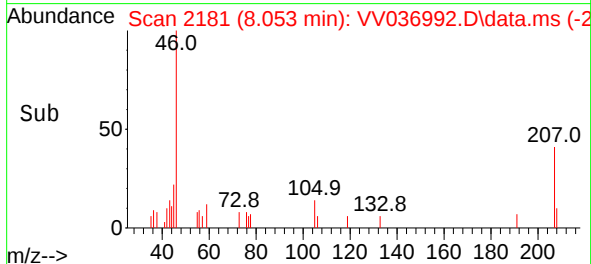
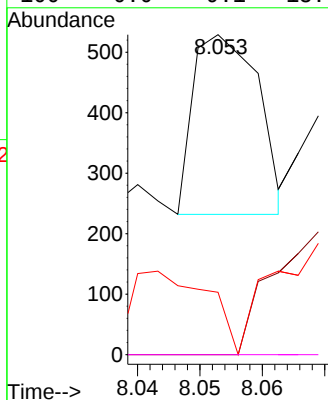
#48
2-Hexanone
Concen: 0.071 ug/L
RT: 8.053 min Scan# 2181
Delta R.T. -0.026 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 214

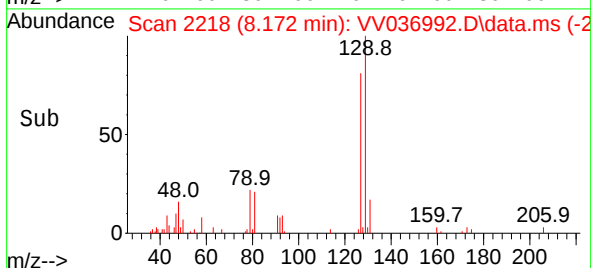
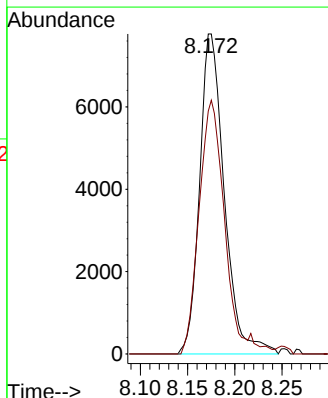
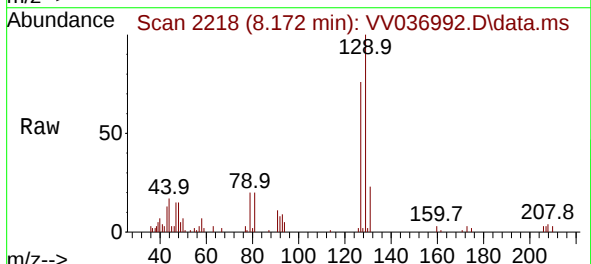
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.0	67.6#
57	35.5	13.3	19.9#
100	0.0	9.1	13.7#

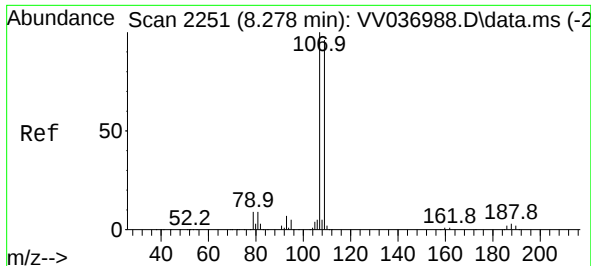


#49
Dibromochloromethane
Concen: 2.013 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion: 129 Resp: 14115

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.9	101.9





#50

1,2-Dibromoethane

Concen: 2.015 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036992.D

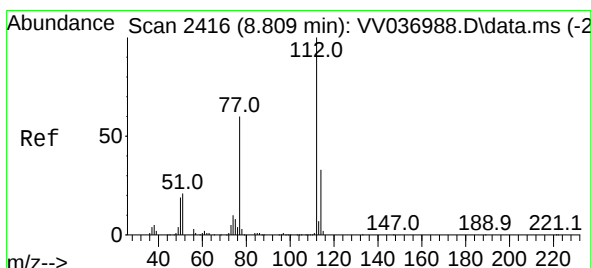
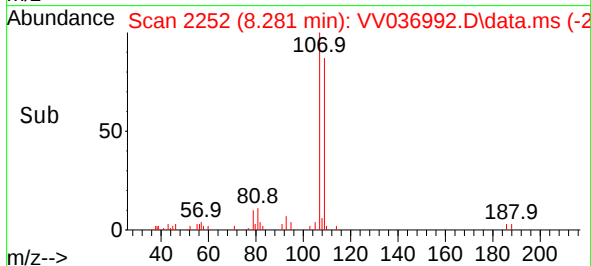
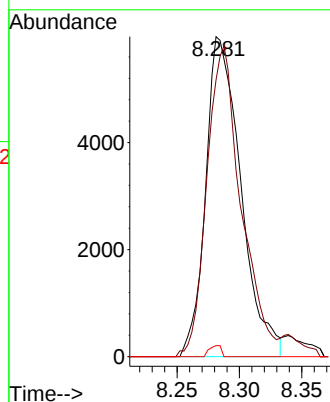
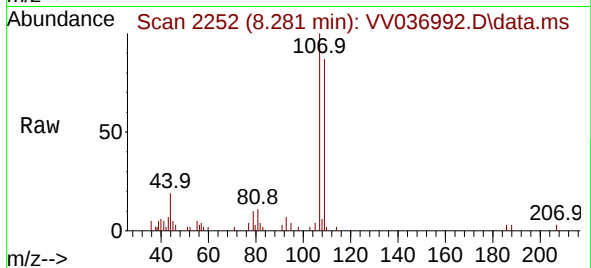
Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	11738
Ion	Ratio	Lower	Upper
107	100		
109	86.5	67.1	124.7
188	3.5	2.5	3.7



#51

Chlorobenzene

Concen: 2.557 ug/L

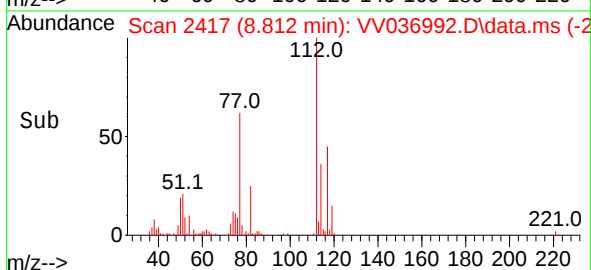
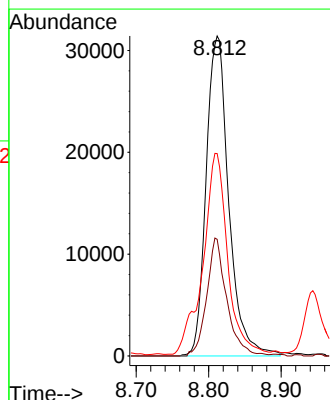
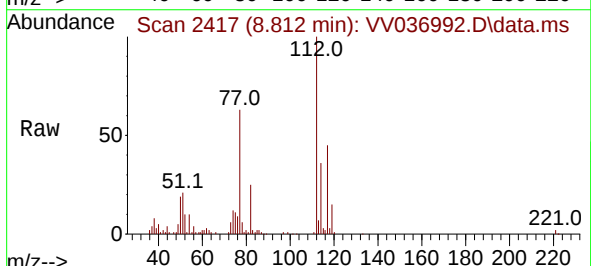
RT: 8.812 min Scan# 2417

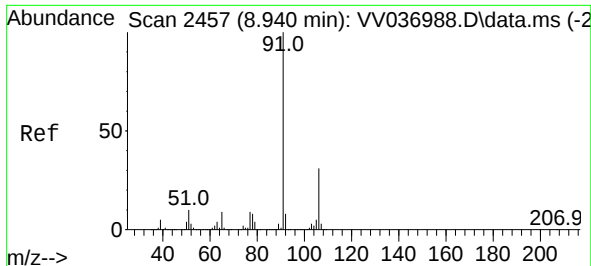
Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Tgt Ion:	112	Resp:	68082
Ion	Ratio	Lower	Upper
112	100		
114	36.5	22.8	42.4
77	63.2	47.8	71.8





#52

Ethylbenzene

Concen: 2.430 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

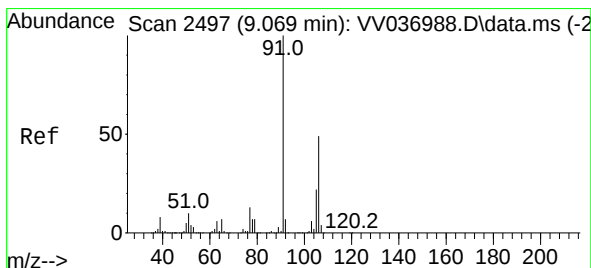
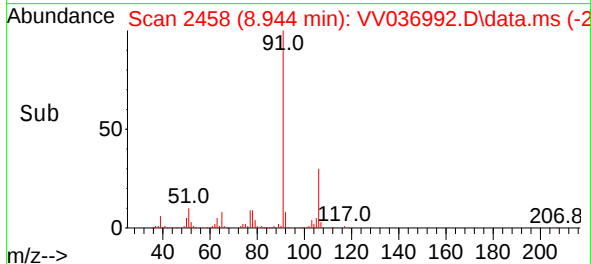
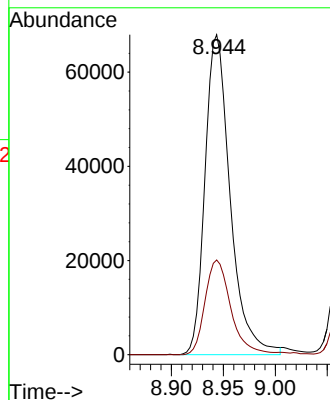
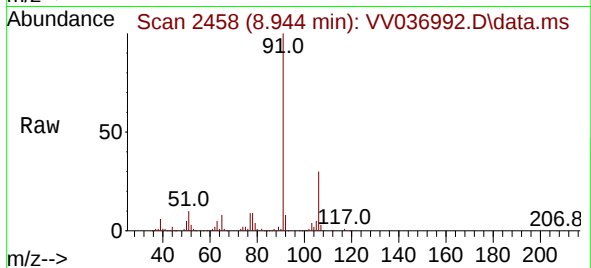
ClientSampleId :

Tgt Ion: 91 Resp: 114490

Ion Ratio Lower Upper

91 100

106 29.6 21.3 39.6



#53

m,p-Xylene

Concen: 2.333 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV036992.D

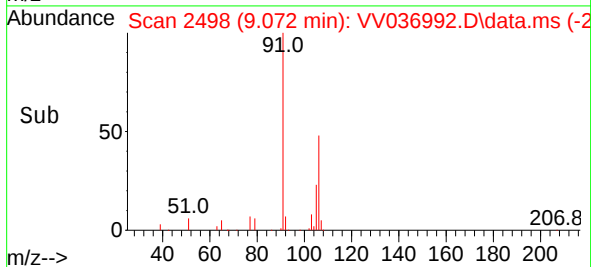
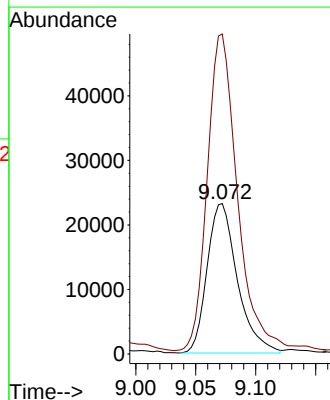
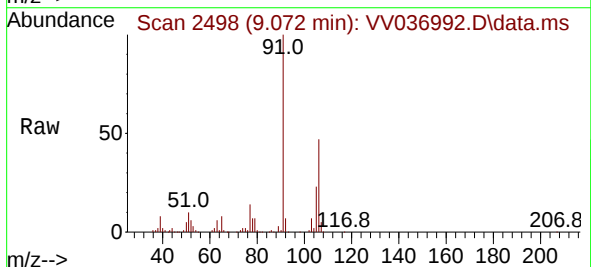
Acq: 21 Aug 2024 14:37

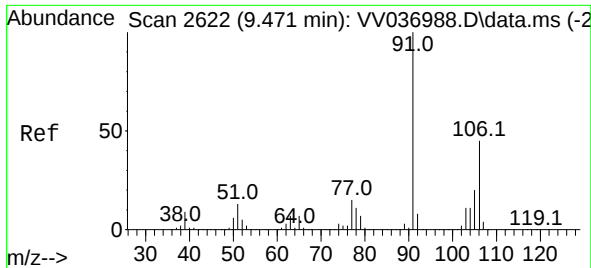
Tgt Ion:106 Resp: 40648

Ion Ratio Lower Upper

106 100

91 212.8 142.5 264.6

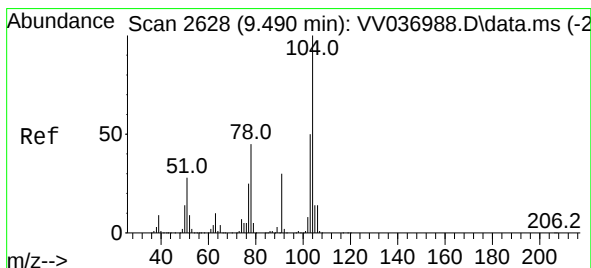
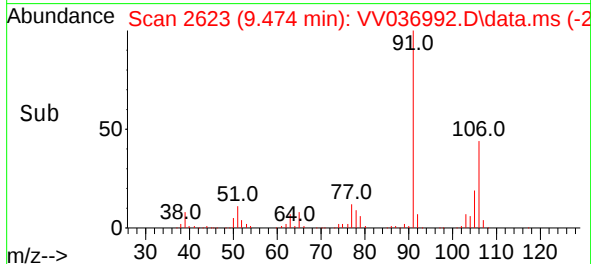
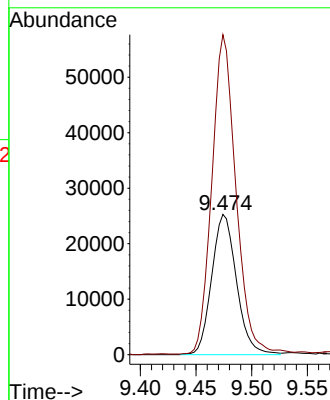
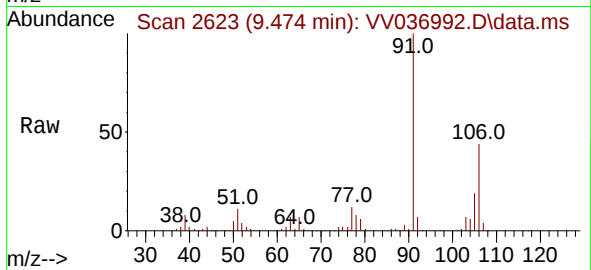




#54
o-Xylene
Concen: 2.337 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

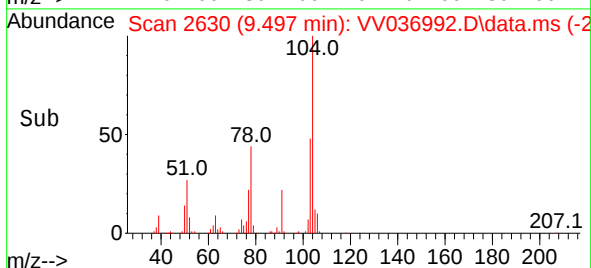
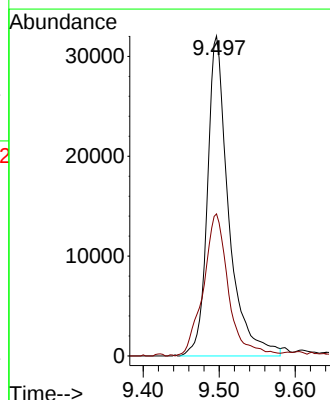
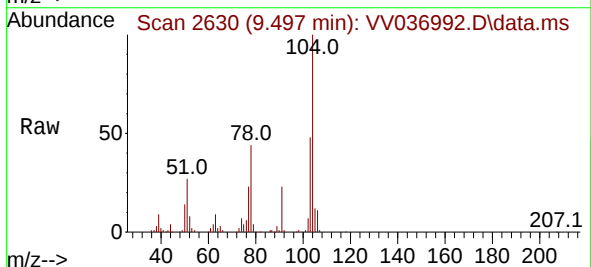
Instrument :
MSVOA_V
ClientSampleId :

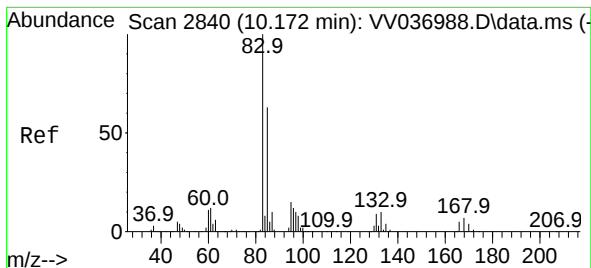
Tgt Ion:106 Resp: 39208
Ion Ratio Lower Upper
106 100
91 228.1 154.2 286.4



#55
Styrene
Concen: 2.221 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

Tgt Ion:104 Resp: 62206
Ion Ratio Lower Upper
104 100
78 44.4 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.097 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV036992.D

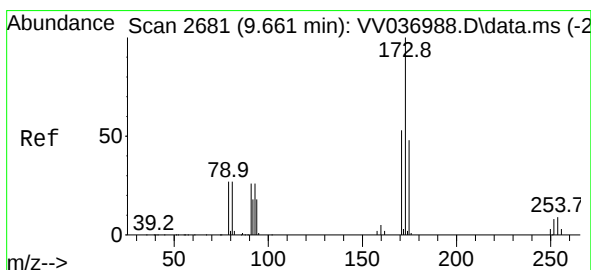
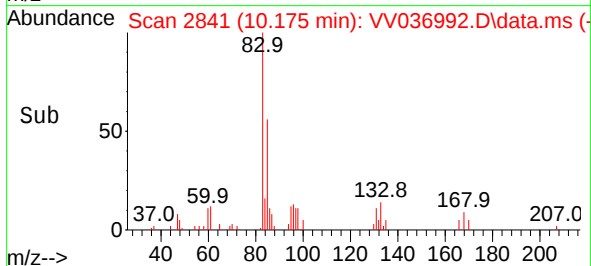
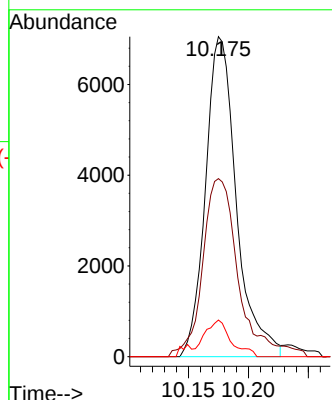
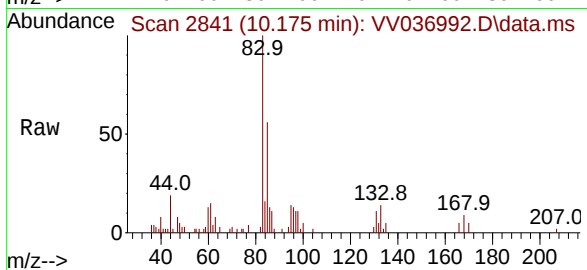
Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	12626
Ion Ratio	Lower	Upper	
83	100		
85	55.6	44.3	82.3
131	11.5	7.2	10.8#



#59

Bromoform

Concen: 2.077 ug/L

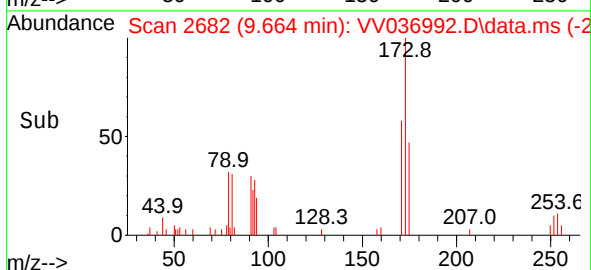
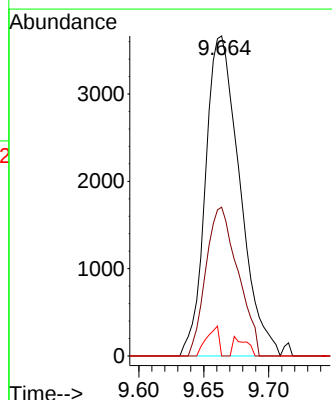
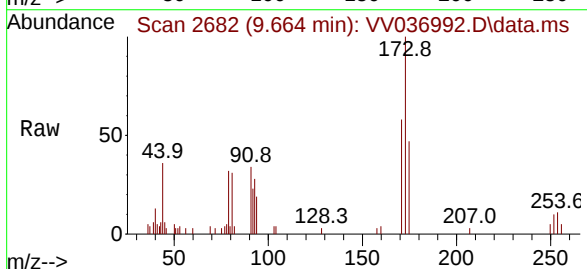
RT: 9.664 min Scan# 2682

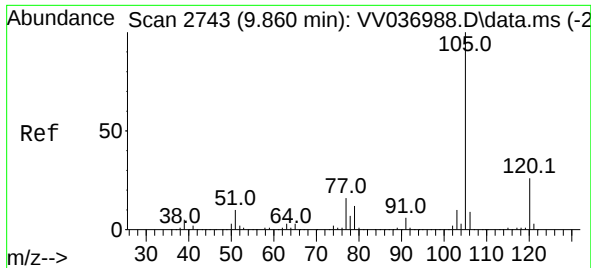
Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

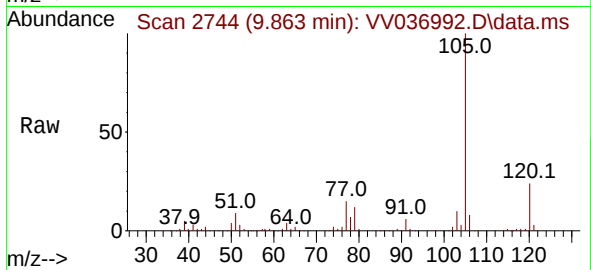
Tgt Ion:	173	Resp:	6730
Ion Ratio	Lower	Upper	
173	100		
175	43.5	39.4	59.0
254	3.3	6.6	10.0#



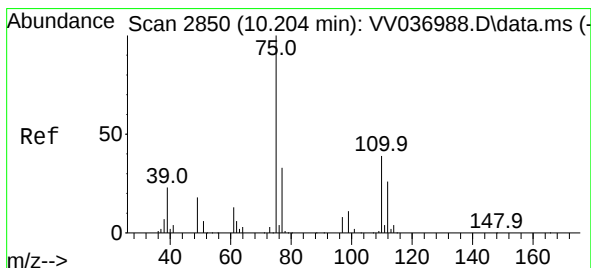
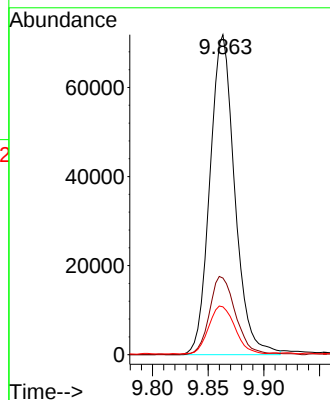
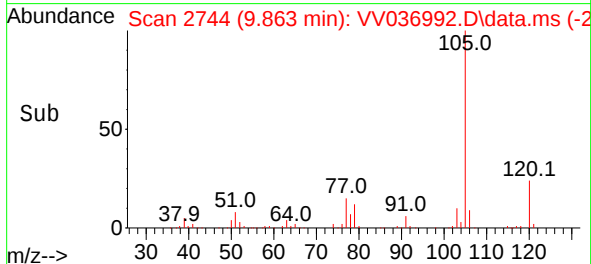


#60
Isopropylbenzene
Concen: 2.621 ug/L
RT: 9.863 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37

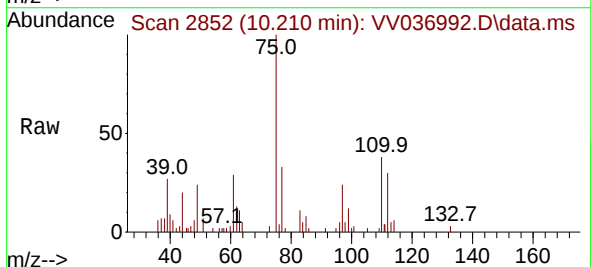
Instrument :
MSVOA_V
ClientSampleId :



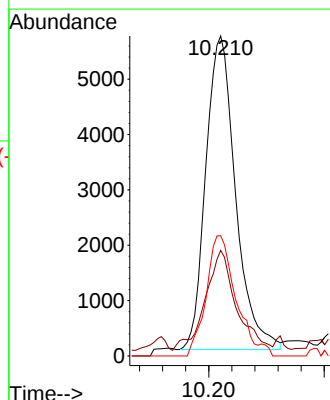
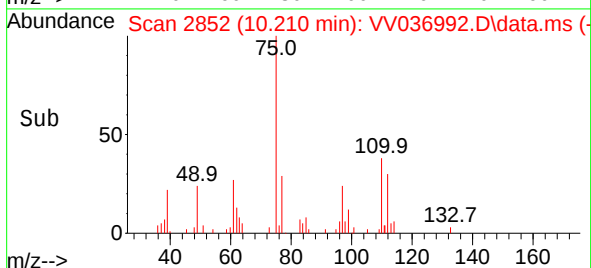
Tgt Ion:105 Resp: 111514
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 15.7 12.6 19.0

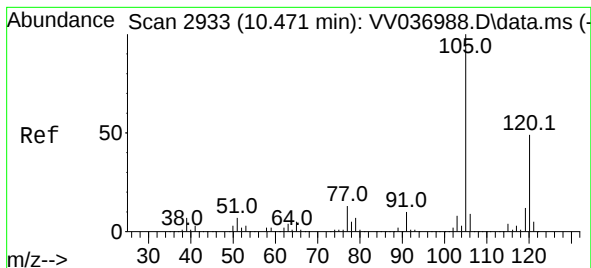


#61
1,2,3-Trichloropropane
Concen: 2.286 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV036992.D
Acq: 21 Aug 2024 14:37



Tgt Ion: 75 Resp: 10144
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4
110 37.4 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 2.484 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

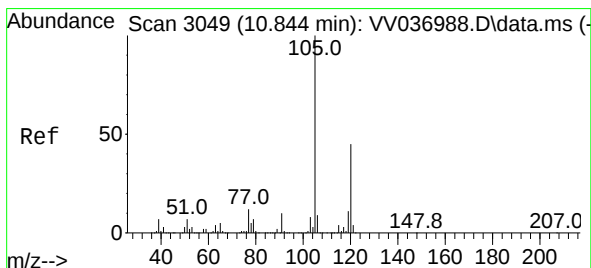
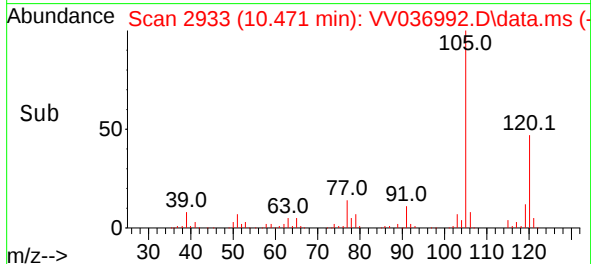
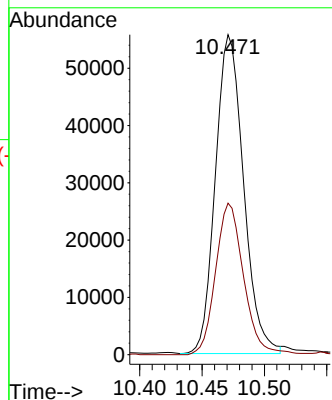
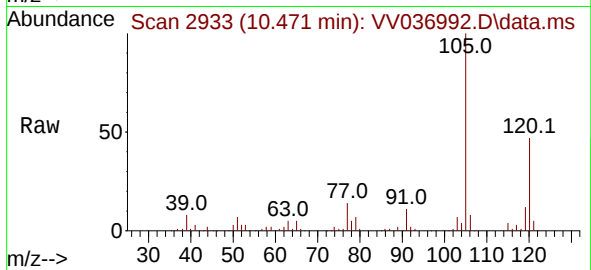
ClientSampleId :

Tgt Ion:105 Resp: 87593

Ion Ratio Lower Upper

105 100

120 47.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 2.439 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036992.D

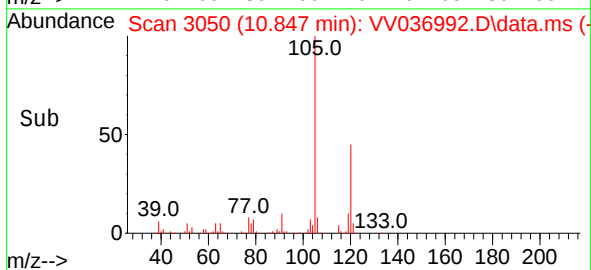
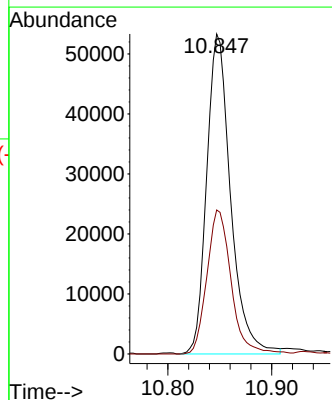
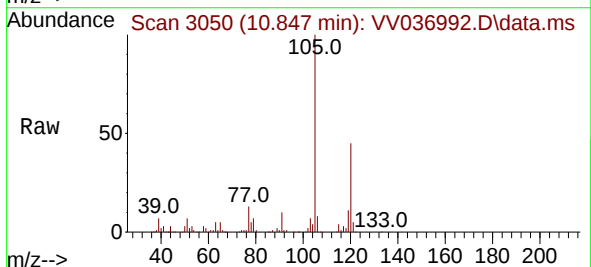
Acq: 21 Aug 2024 14:37

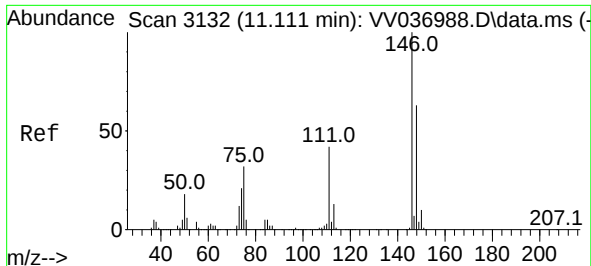
Tgt Ion:105 Resp: 85211

Ion Ratio Lower Upper

105 100

120 45.5 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 2.626 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

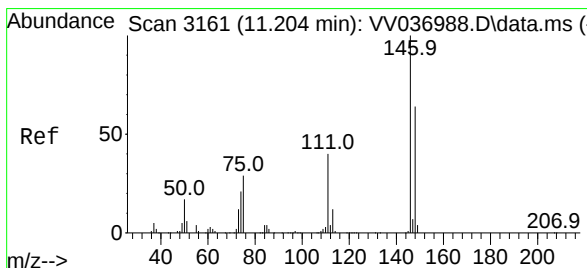
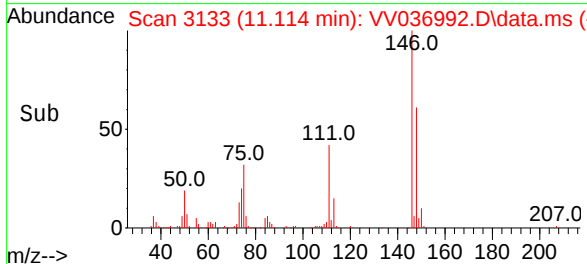
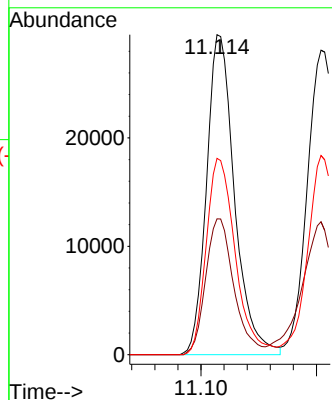
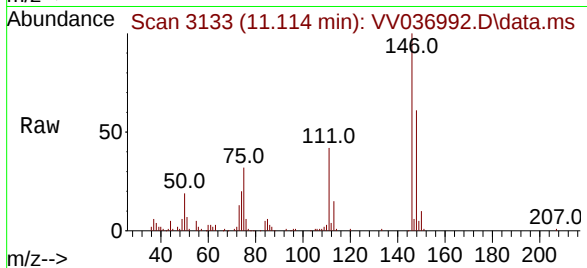
Tgt Ion:146 Resp: 49774

Ion Ratio Lower Upper

146 100

111 42.5 29.3 54.3

148 61.3 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 2.711 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

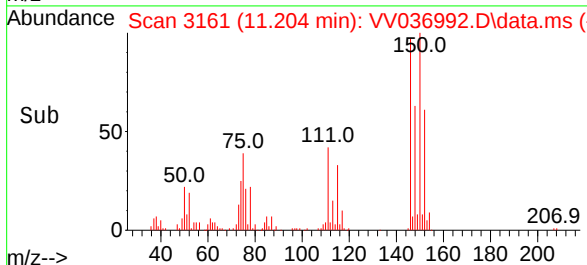
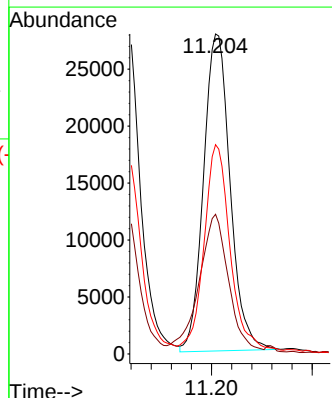
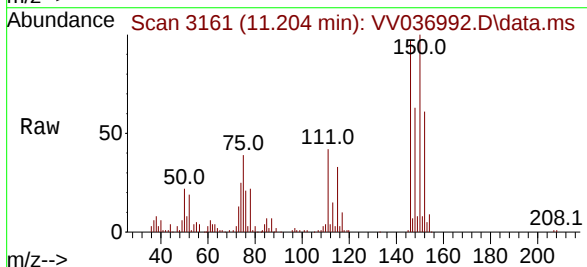
Tgt Ion:146 Resp: 51099

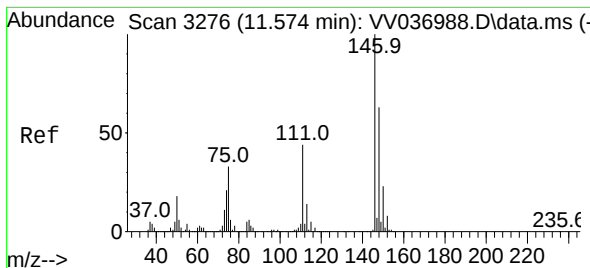
Ion Ratio Lower Upper

146 100

111 43.7 28.1 52.1

148 65.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.505 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

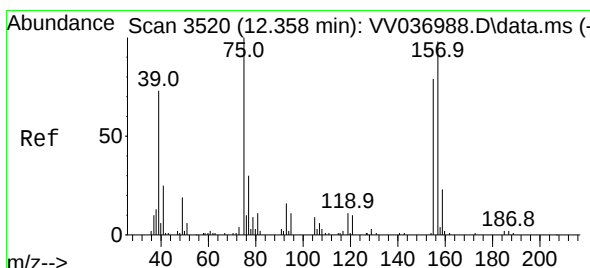
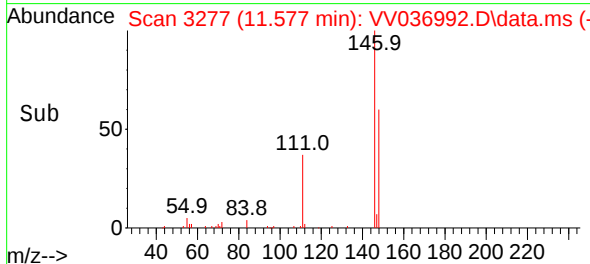
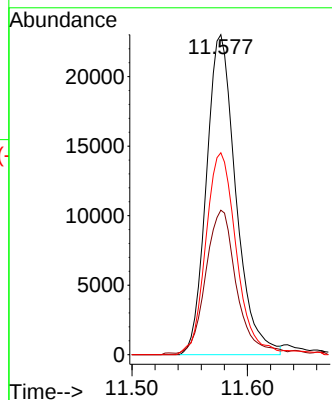
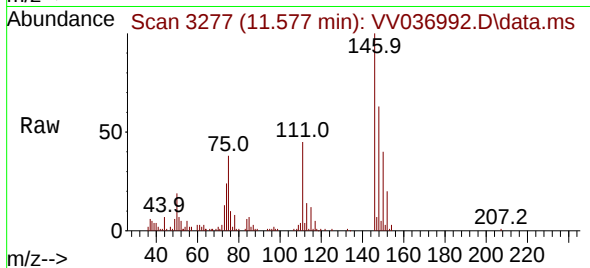
Tgt Ion:146 Resp: 40863

Ion Ratio Lower Upper

146 100

111 45.2 35.2 52.8

148 63.1 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 2.319 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.006 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

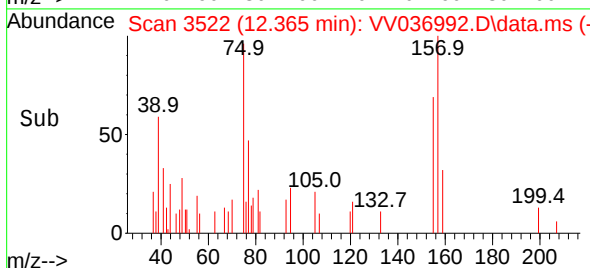
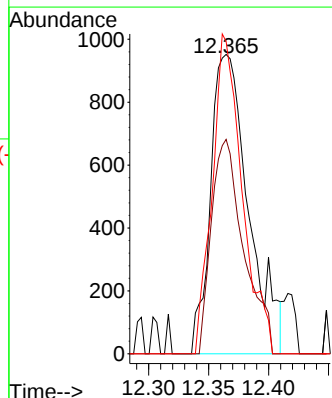
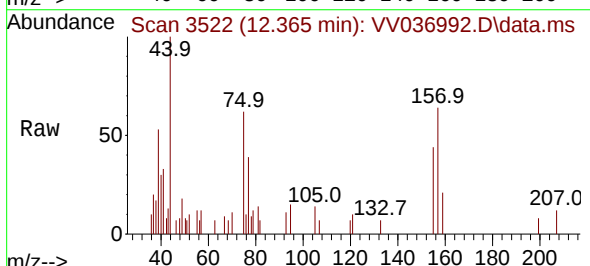
Tgt Ion: 75 Resp: 2096

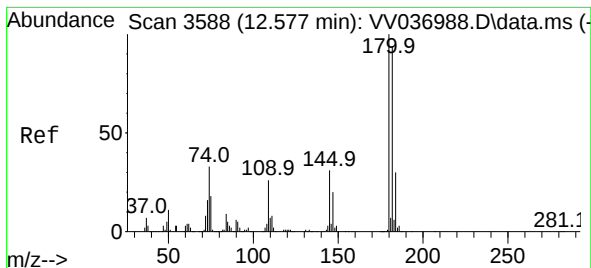
Ion Ratio Lower Upper

75 100

155 71.6 63.0 94.4

157 104.3 78.7 118.1





#69

1,3,5-Trichlorobenzene

Concen: 2.681 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

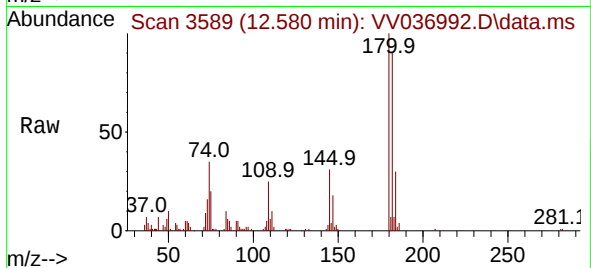
Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 35315

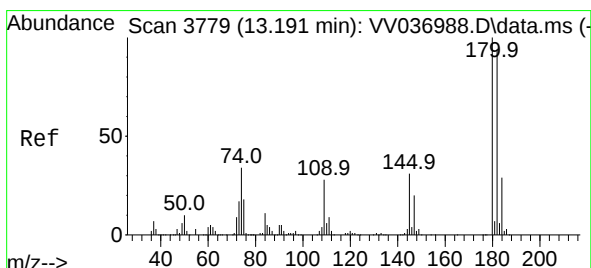
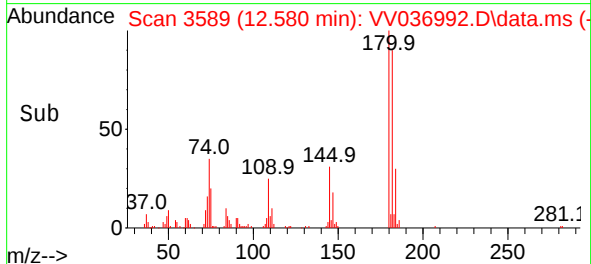
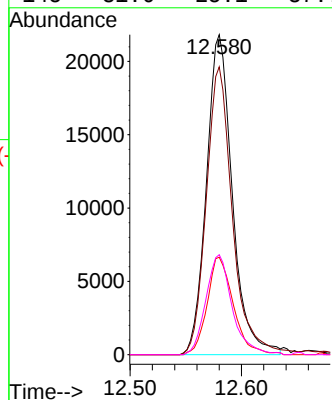
Ion Ratio Lower Upper

180 100

182 90.9 75.4 113.0

184 30.6 23.9 35.9

145 31.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 2.794 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.006 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

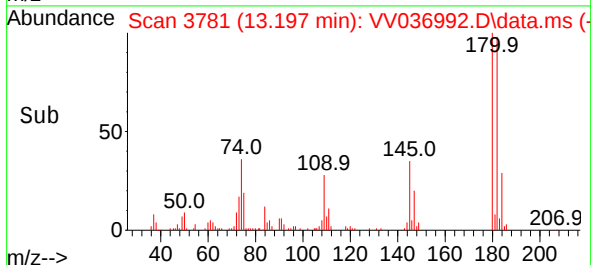
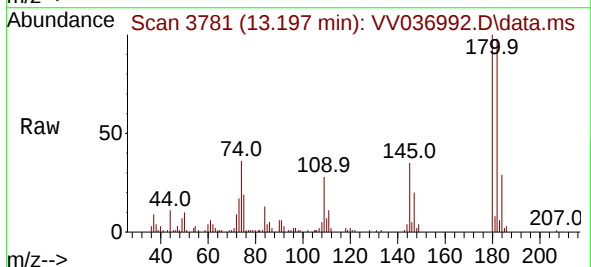
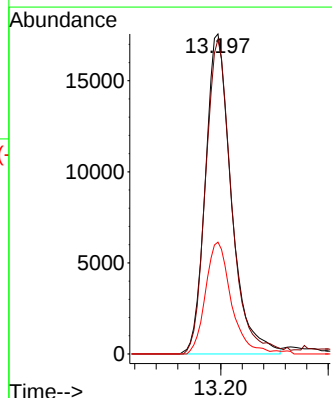
Tgt Ion:180 Resp: 29419

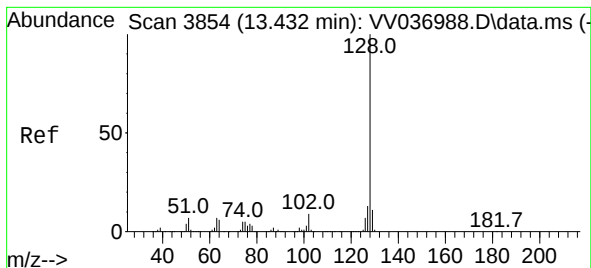
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

145 34.4 25.4 38.2





#71

Naphthalene

Concen: 3.511 ug/L

RT: 13.439 min Scan# 3854

Delta R.T. 0.006 min

Lab File: VV036992.D

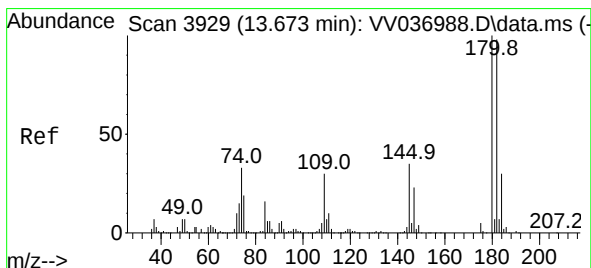
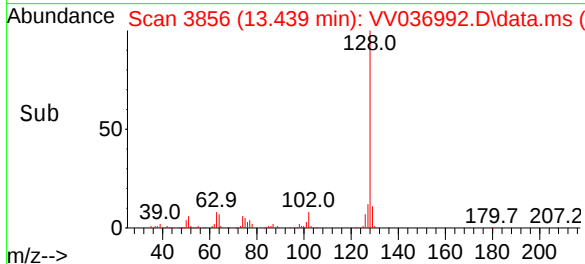
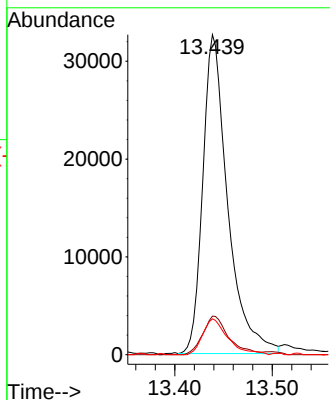
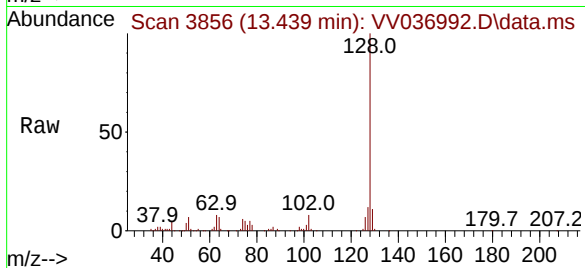
Acq: 21 Aug 2024 14:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp: 58044
Ion Ratio	Lower Upper
128 100	
127 12.5	10.2 15.4
129 11.3	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.800 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV036992.D

Acq: 21 Aug 2024 14:37

Tgt Ion:180	Resp: 24746
Ion Ratio	Lower Upper
180 100	
182 91.2	77.4 116.0
145 35.5	27.9 41.9

