

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036986.D
 Acq On : 21 Aug 2024 10:30
 Operator : SY/MD
 Sample : VSTD2.548
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 13:21:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 21 13:19:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	702917	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.780	117	649678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33009	3.859	ug/L	0.00
7) Chloroethane-d5	1.532	69	27149	3.622	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	14254	3.296	ug/L	0.00
21) 2-Butanone-d5	3.870	46	3130	1.749	ug/L	0.03
24) Chloroform-d	4.246	84	57669	2.988	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	26436	2.828	ug/L	0.00
32) Benzene-d6	4.957	84	114240	3.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	33106	3.471	ug/L	0.00
41) Toluene-d8	7.243	98	103612	3.327	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10147	2.512	ug/L	0.01
47) 2-Hexanone-d5	8.011	63	47	0.040	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	17806	2.366	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	32176	2.921	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	31791	2.801	ug/L	99
3) Chloromethane	1.217	50	34540	3.506	ug/L	97
5) Vinyl chloride	1.282	62	33138	2.904	ug/L	95
6) Bromomethane	1.491	94	21294	2.419	ug/L	90
8) Chloroethane	1.552	64	20197	2.717	ug/L	95
9) Trichlorofluoromethane	1.716	101	41483	2.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26790	2.305	ug/L	88
12) 1,1-Dichloroethene	2.069	96	24227	2.318	ug/L	# 54
13) Acetone	2.388	43	8082	2.976	ug/L	71
14) Carbon disulfide	2.240	76	83947	2.808	ug/L	99
15) Methyl Acetate	2.388	43	8082	2.317	ug/L	89
17) trans-1,2-Dichloroethene	2.690	96	27051	2.498	ug/L	82
18) Methyl tert-butyl Ether	2.709	73	51167	2.244	ug/L	95
19) 1,1-Dichloroethane	3.108	63	48996	2.746	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	27824	2.428	ug/L	81
23) Bromochloromethane	4.150	128	10103	1.764	ug/L	# 61
25) Chloroform	4.275	83	50064	2.423	ug/L	94
27) 1,2-Dichloroethane	5.047	62	23917	1.944	ug/L	100
29) Cyclohexane	4.571	56	43095	3.492	ug/L	# 79
30) 1,1,1-Trichloroethane	4.507	97	41307	2.488	ug/L	96
31) Carbon tetrachloride	4.728	117	34018	2.243	ug/L	99
33) Benzene	5.008	78	103210	2.725	ug/L	100
34) Trichloroethene	5.834	95	29990	2.503	ug/L	93
35) Methylcyclohexane	6.043	83	46480	2.885	ug/L	# 87
37) 1,2-Dichloropropane	6.095	63	24122	2.690	ug/L	# 96
38) Bromodichloromethane	6.432	83	29965	2.192	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	32986	2.310	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	19216	4.729	ug/L	# 76
42) Toluene	7.317	91	107406	2.605	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	24860	2.008	ug/L	87
45) 1,1,2-Trichloroethane	7.773	97	15965	2.008	ug/L	96
46) Tetrachloroethene	7.902	164	22449	1.977	ug/L	92

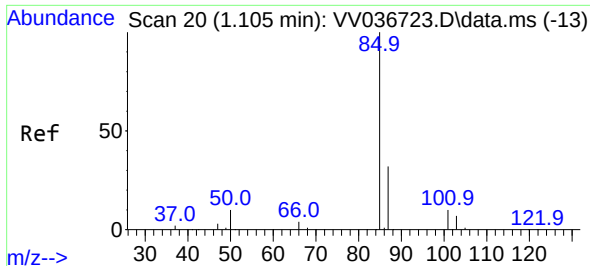
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
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Quant Time: Aug 21 13:21:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 21 13:19:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.175	129	16640	1.694	ug/L	94
50) 1,2-Dibromoethane	8.284	107	14021	1.792	ug/L	98
51) Chlorobenzene	8.812	112	70350	2.400	ug/L	93
52) Ethylbenzene	8.944	91	121769	2.665	ug/L	99
53) m,p-Xylene	9.072	106	43288	2.469	ug/L	88
54) o-Xylene	9.474	106	41310	2.443	ug/L	95
55) Styrene	9.497	104	66761	2.349	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	15395	2.109	ug/L	95
59) Bromoform	9.664	173	8058	1.512	ug/L #	91
60) Isopropylbenzene	9.863	105	114395	2.908	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	11482	2.152	ug/L	95
62) 1,3,5-Trimethylbenzene	10.471	105	93297	3.026	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	91532	2.927	ug/L	95
64) 1,3-Dichlorobenzene	11.117	146	54352	2.589	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	54993	2.559	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	44202	2.293	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	2212	1.824	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.580	180	36472	2.244	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	28876	2.201	ug/L	96
71) Naphthalene	13.442	128	46067	2.365	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	24090	2.081	ug/L	92

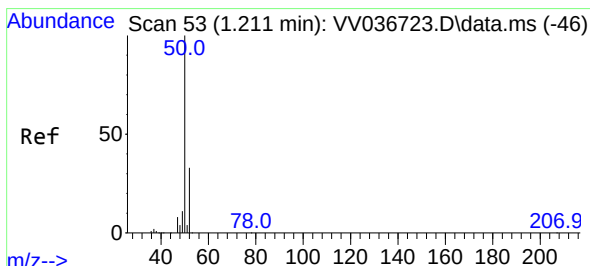
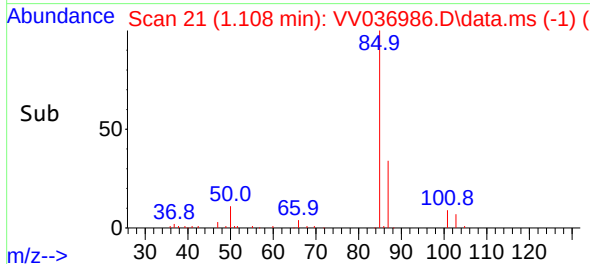
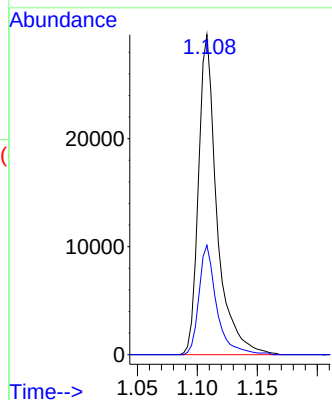
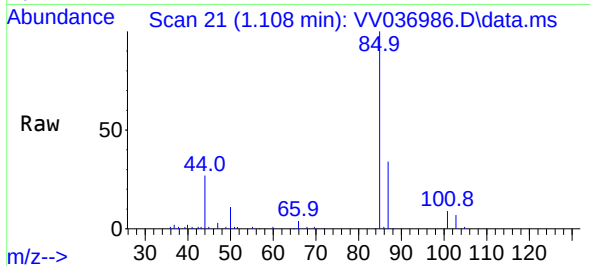
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.801 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

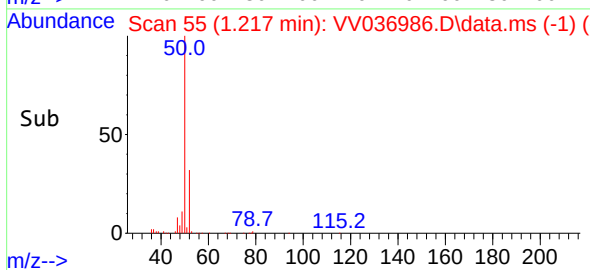
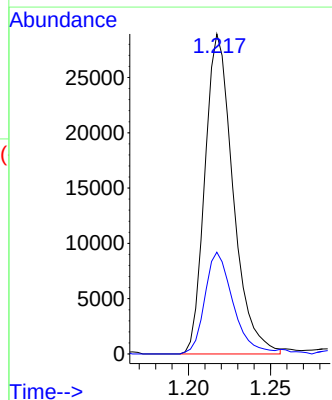
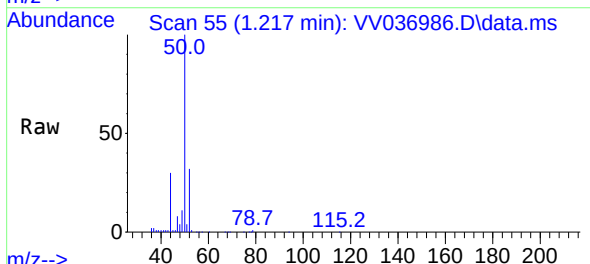
Instrument :
MSVOA_V
ClientSampleId :

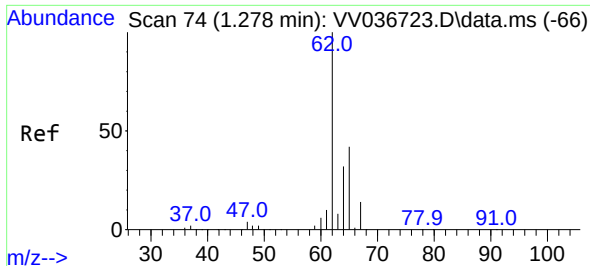
Tgt Ion: 85 Resp: 31791
Ion Ratio Lower Upper
85 100
87 32.7 26.5 39.7



#3
Chloromethane
Concen: 3.506 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.004 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 50 Resp: 34540
Ion Ratio Lower Upper
50 100
52 31.8 23.3 43.3





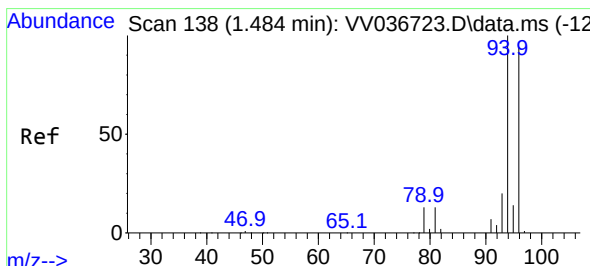
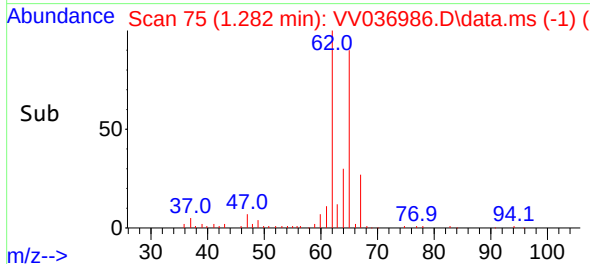
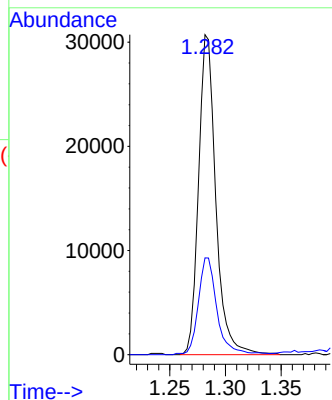
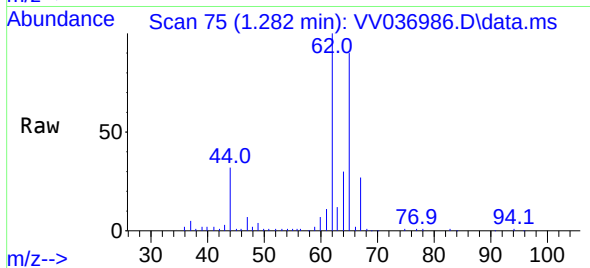
#5
Vinyl chloride
Concen: 2.904 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

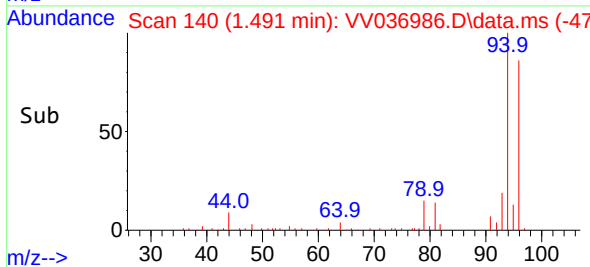
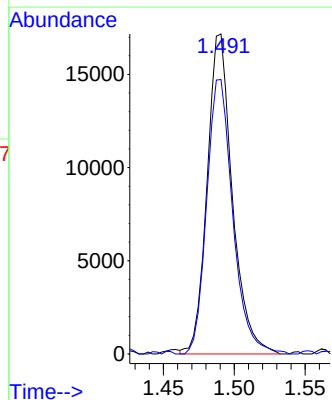
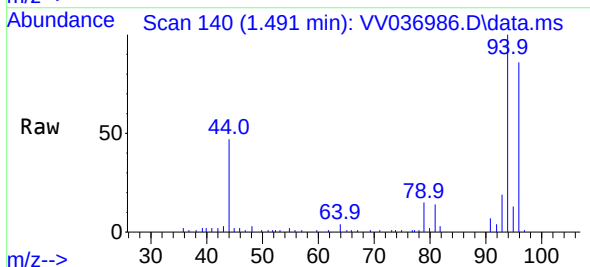
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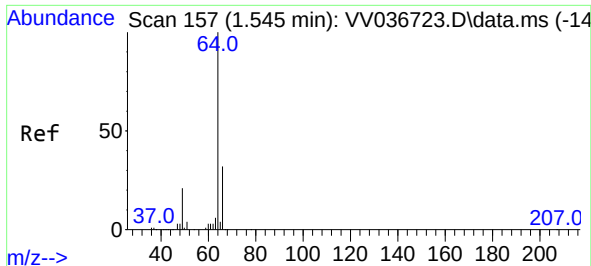
Tgt Ion: 62 Resp: 33138
Ion Ratio Lower Upper
62 100
64 30.2 23.1 42.9



#6
Bromomethane
Concen: 2.419 ug/L
RT: 1.491 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 94 Resp: 21294
Ion Ratio Lower Upper
94 100
96 85.8 66.6 123.6

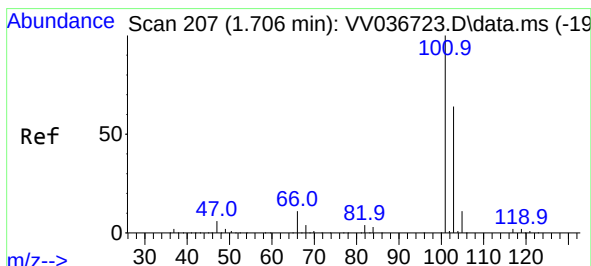
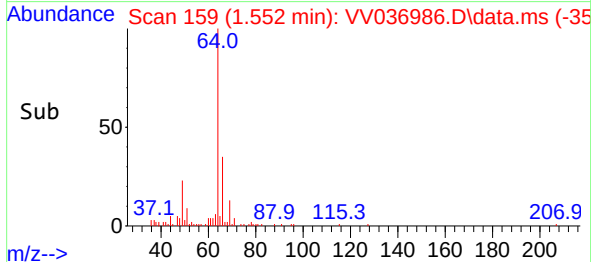
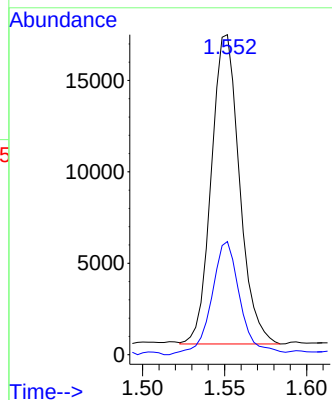
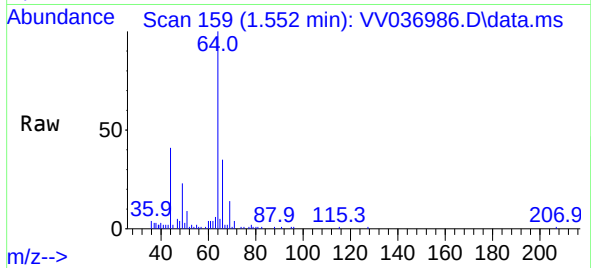




#8
Chloroethane
Concen: 2.717 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

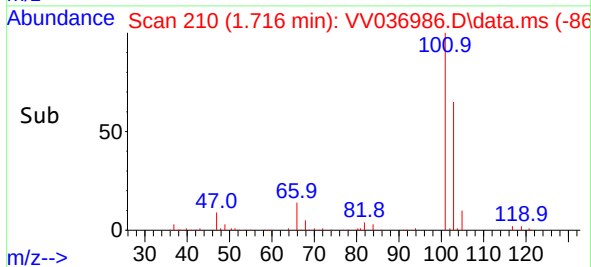
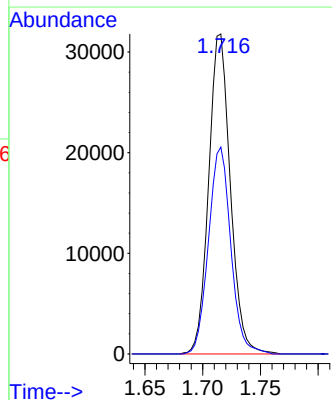
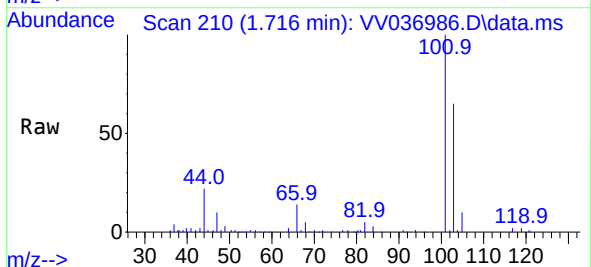
Instrument :
MSVOA_V
ClientSampleId :

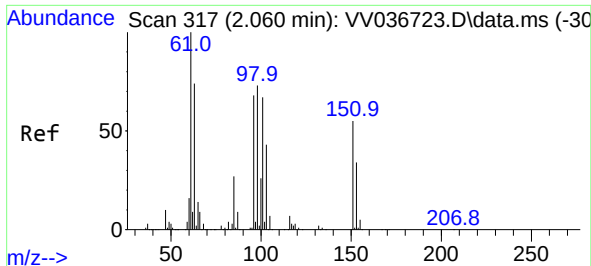
Tgt Ion: 64 Resp: 20197
Ion Ratio Lower Upper
64 100
66 35.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.210 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 101 Resp: 41483
Ion Ratio Lower Upper
101 100
103 66.5 52.2 78.4

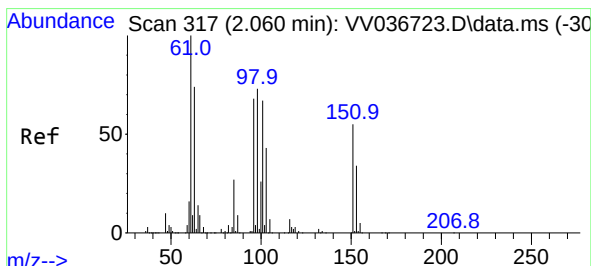
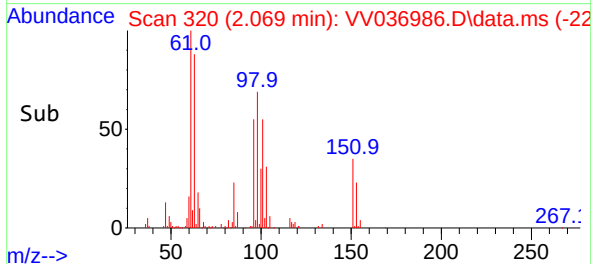
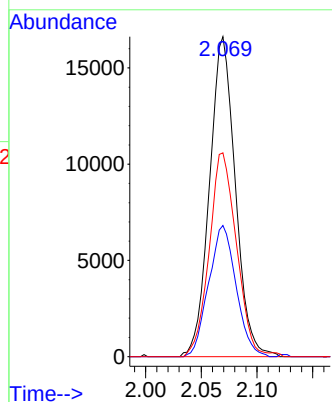
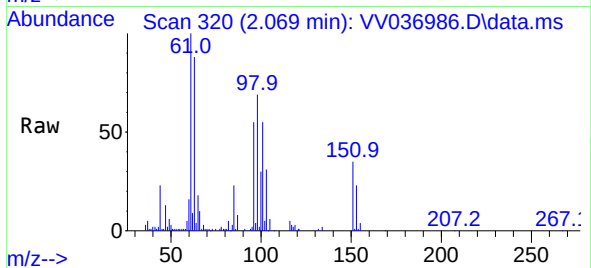




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.305 ug/L
RT: 2.069 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

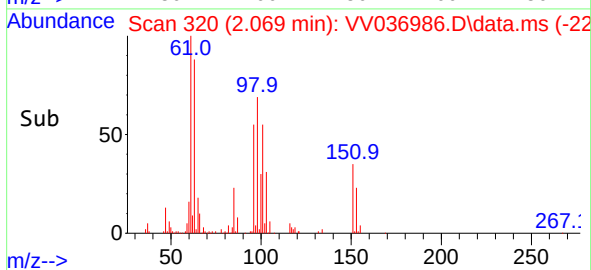
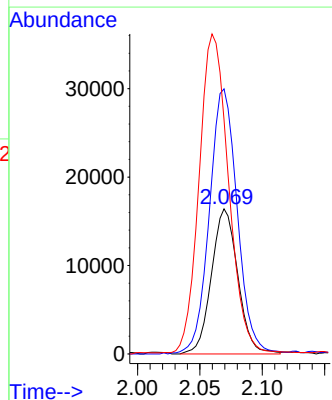
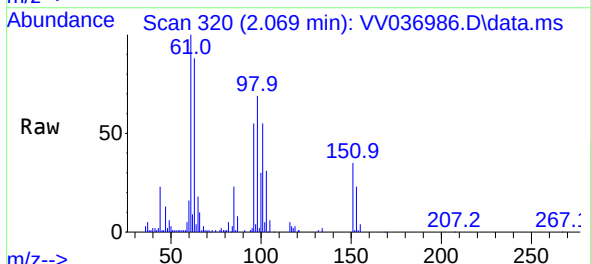
Instrument :
MSVOA_V
ClientSampleId :

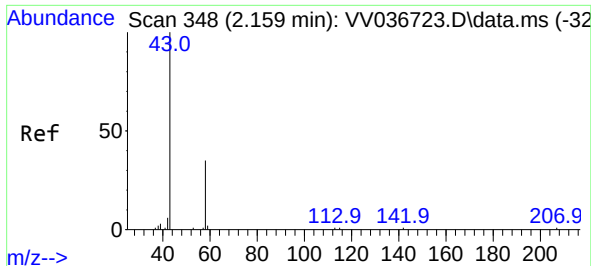
Tgt Ion:101 Resp: 26790
Ion Ratio Lower Upper
101 100
85 43.5 32.4 48.6
151 67.1 64.9 97.3



#12
1,1-Dichloroethene
Concen: 2.318 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 96 Resp: 24227
Ion Ratio Lower Upper
96 100
61 182.6 102.3 189.9
63 161.2 64.1 119.1#





#13

Acetone

Concen: 2.976 ug/L

RT: 2.388 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

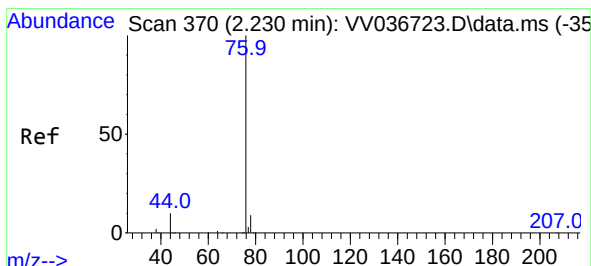
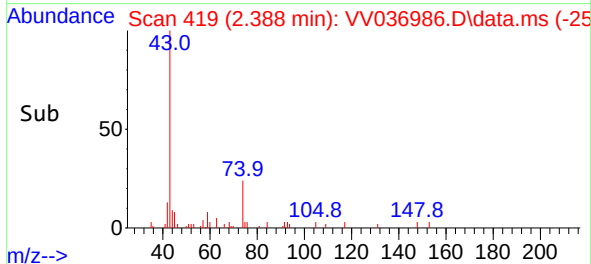
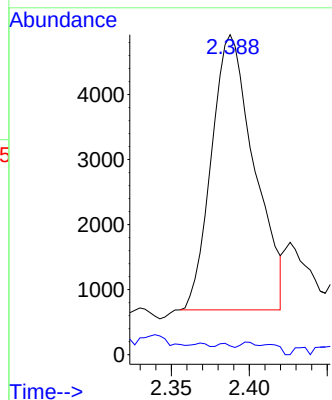
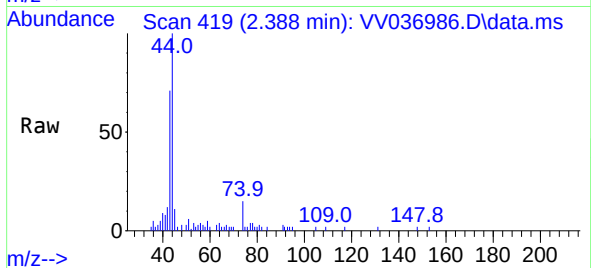
ClientSampleId :

Tgt Ion: 43 Resp: 8082

Ion Ratio Lower Upper

43 100

58 0.4 0.0 23.0



#14

Carbon disulfide

Concen: 2.808 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV036986.D

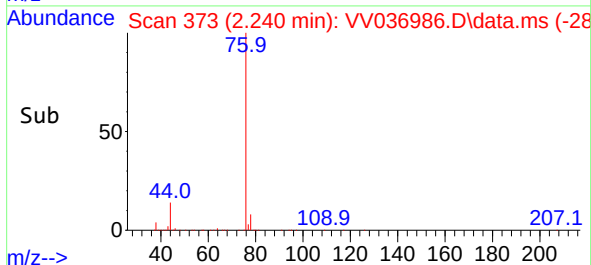
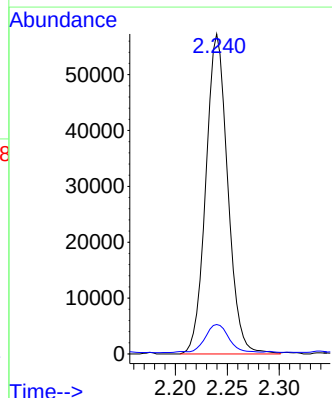
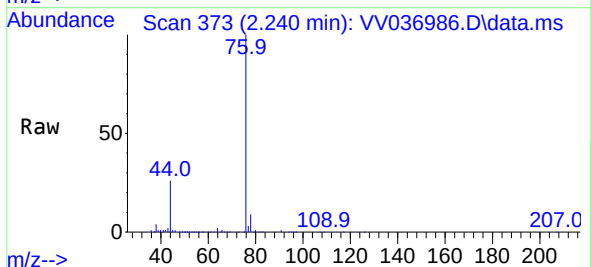
Acq: 21 Aug 2024 10:30

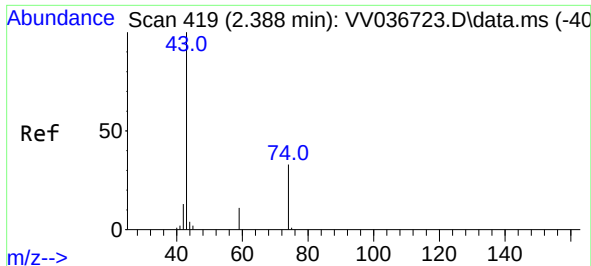
Tgt Ion: 76 Resp: 83947

Ion Ratio Lower Upper

76 100

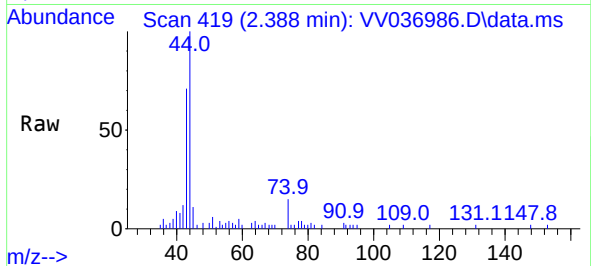
78 9.2 7.5 11.3



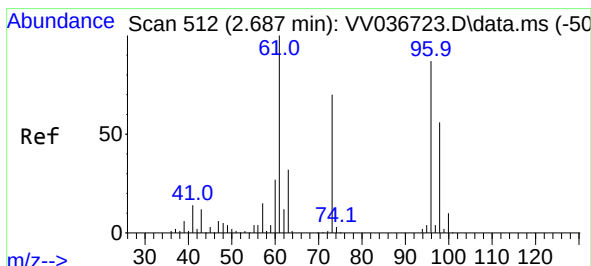
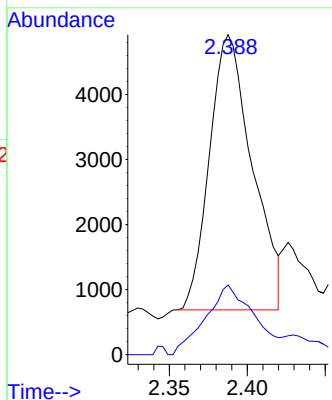
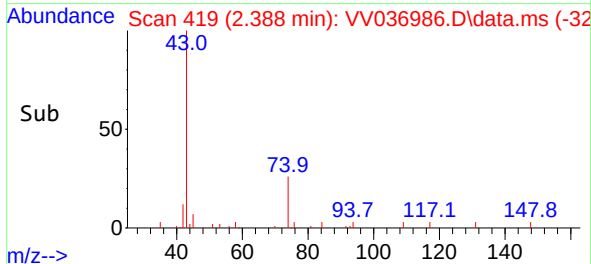


#15
Methyl Acetate
Concen: 2.317 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :

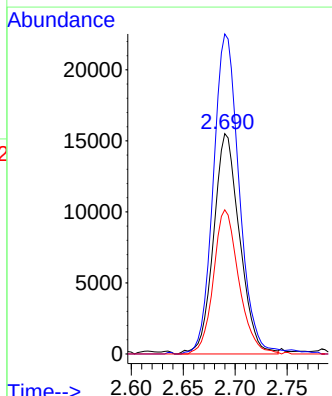
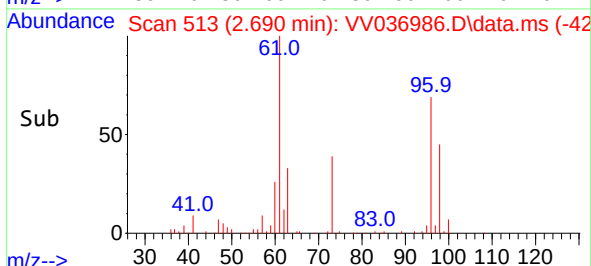
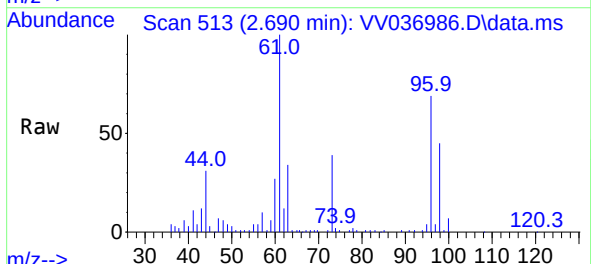


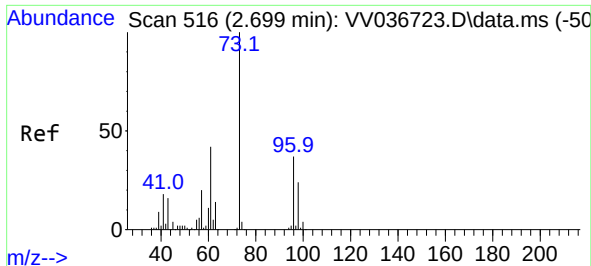
Tgt Ion: 43 Resp: 8082
Ion Ratio Lower Upper
43 100
74 28.5 27.8 41.8



#17
trans-1,2-Dichloroethene
Concen: 2.498 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

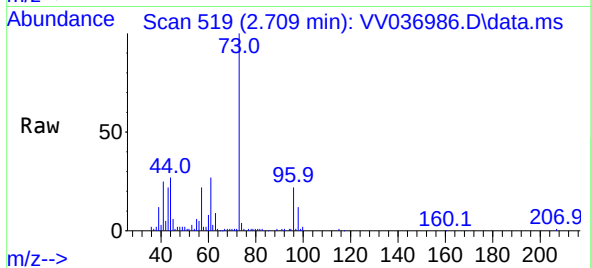
Tgt Ion: 96 Resp: 27051
Ion Ratio Lower Upper
96 100
61 145.2 81.5 151.5
98 65.4 44.3 82.3



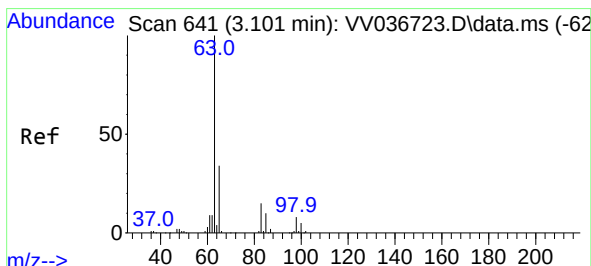
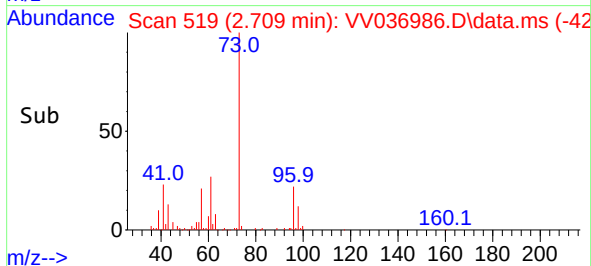
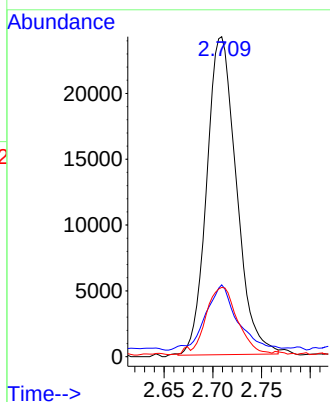


#18
Methyl tert-butyl Ether
Concen: 2.244 ug/L
RT: 2.709 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :

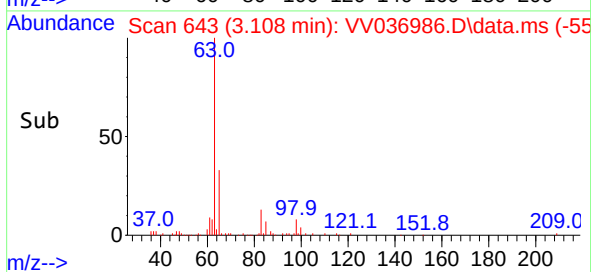
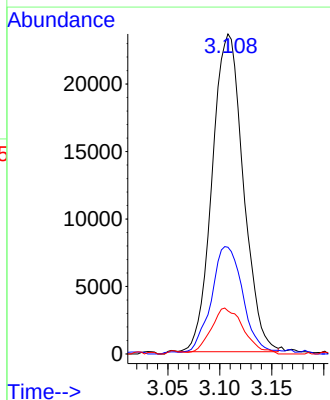
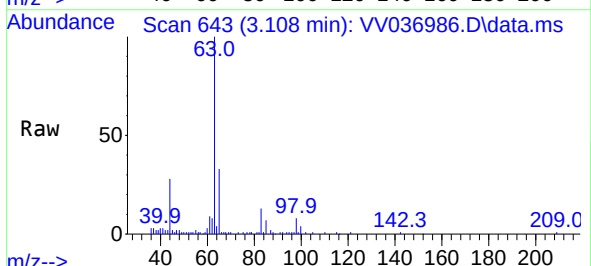


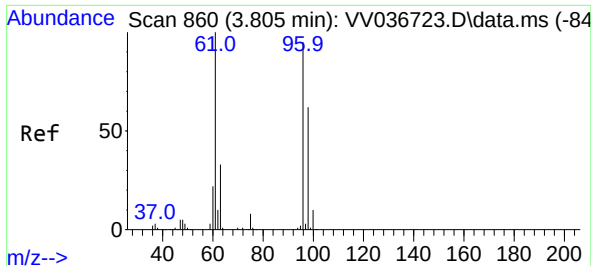
Tgt Ion: 73 Resp: 51167
Ion Ratio Lower Upper
73 100
43 19.9 13.8 20.6
57 21.0 15.4 23.2



#19
1,1-Dichloroethane
Concen: 2.746 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

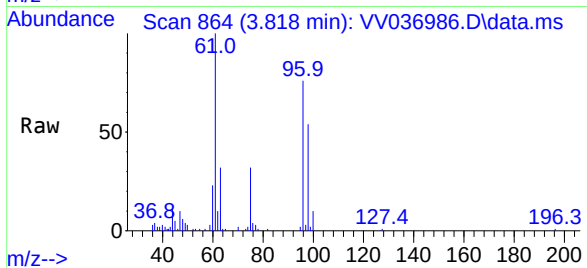
Tgt Ion: 63 Resp: 48996
Ion Ratio Lower Upper
63 100
65 33.4 22.7 42.1
83 13.5 11.1 20.7



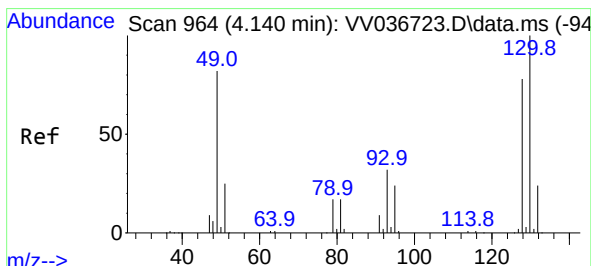
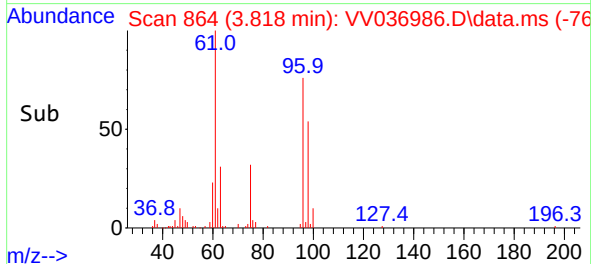
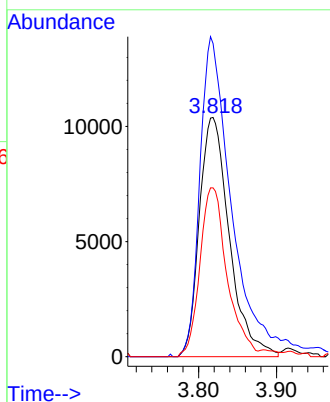


#20
cis-1,2-Dichloroethene
Concen: 2.428 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :

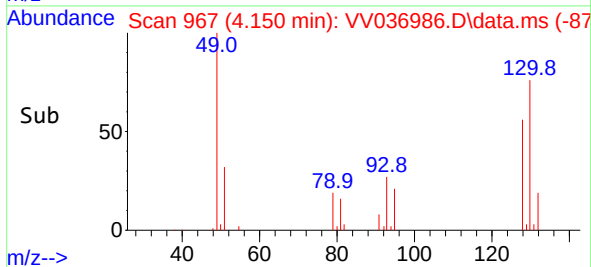
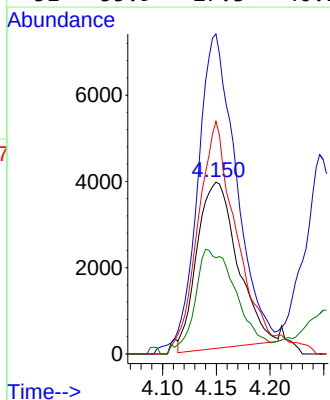
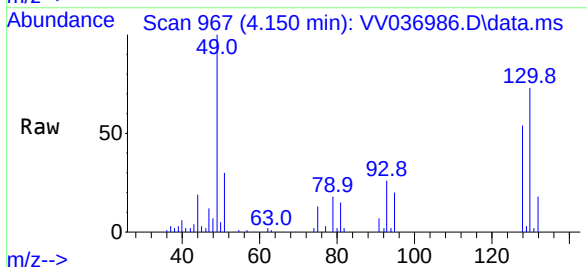


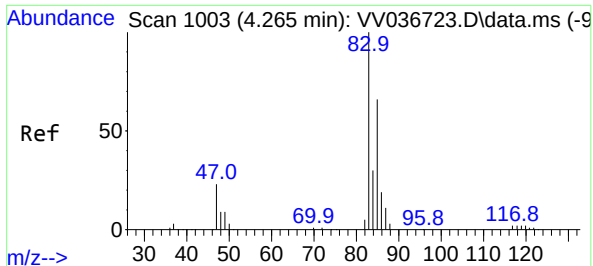
Tgt Ion: 96 Resp: 27824
Ion Ratio Lower Upper
96 100
61 130.9 73.0 135.6
98 70.6 44.8 83.2



#23
Bromochloromethane
Concen: 1.764 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion:128 Resp: 10103
Ion Ratio Lower Upper
128 100
49 186.3 74.4 138.2#
130 135.5 88.6 164.6
51 55.9 27.3 40.9#





#25

Chloroform

Concen: 2.423 ug/L

RT: 4.275 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

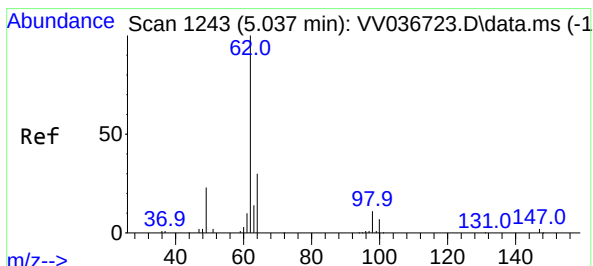
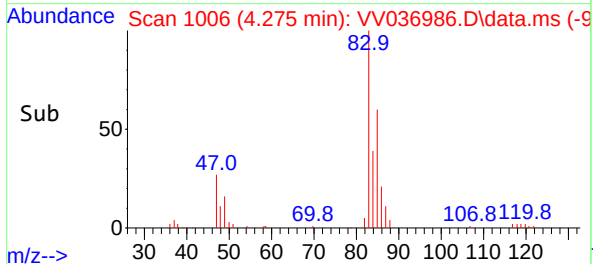
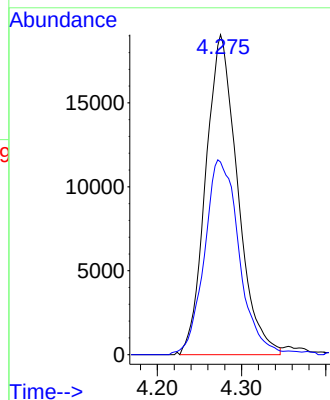
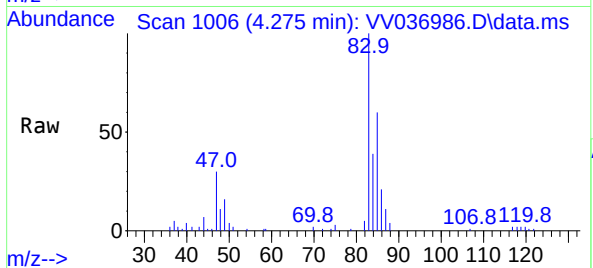
ClientSampleId :

Tgt Ion: 83 Resp: 50064

Ion Ratio Lower Upper

83 100

85 60.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 1.944 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VV036986.D

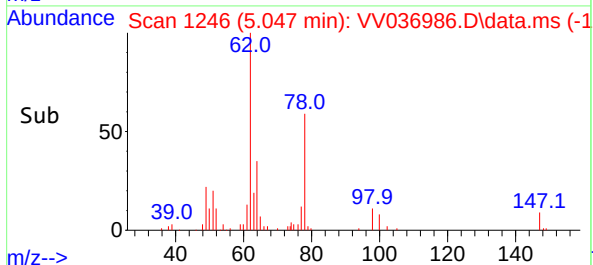
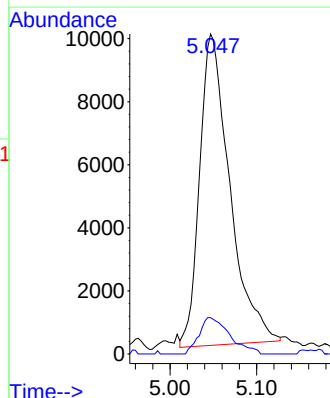
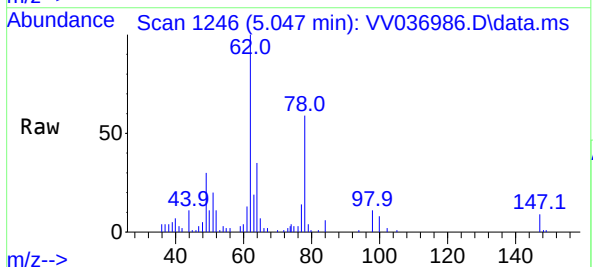
Acq: 21 Aug 2024 10:30

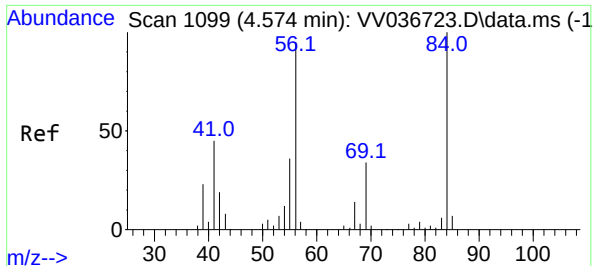
Tgt Ion: 62 Resp: 23917

Ion Ratio Lower Upper

62 100

98 11.4 9.0 13.6





#29

Cyclohexane

Concen: 3.492 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV036986.D

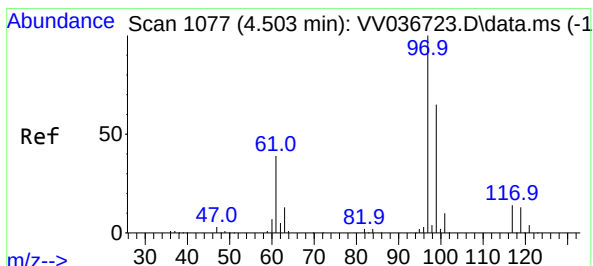
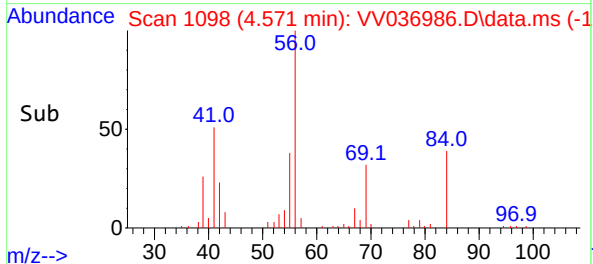
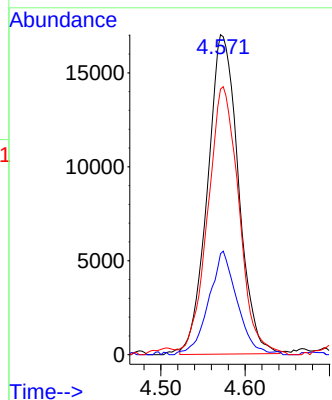
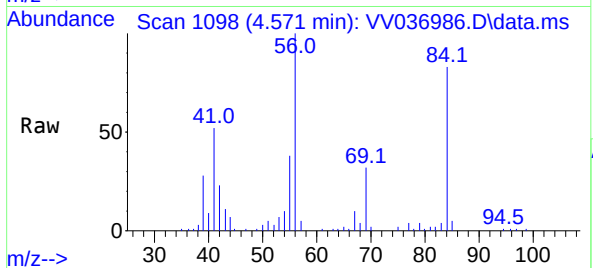
Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 56	Resp: 43095
Ion Ratio	Lower Upper
56	100
69	29.7 28.5 42.7
84	85.1 88.6 132.8#



#30

1,1,1-Trichloroethane

Concen: 2.488 ug/L

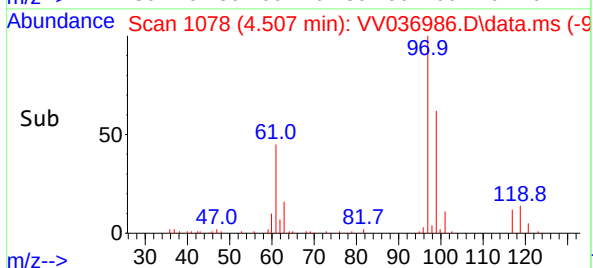
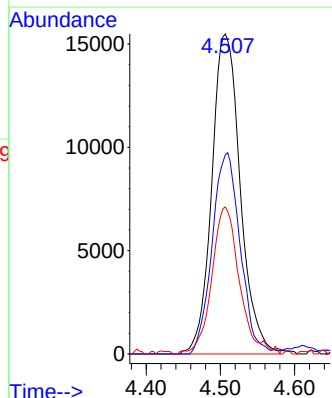
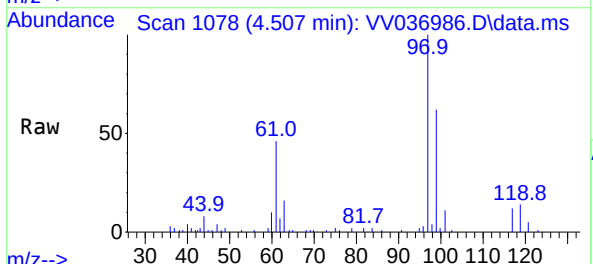
RT: 4.507 min Scan# 1078

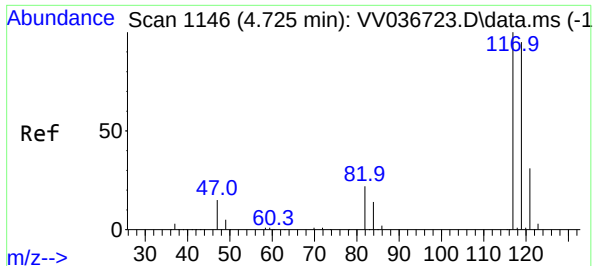
Delta R.T. -0.000 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Tgt Ion: 97	Resp: 41307
Ion Ratio	Lower Upper
97	100
99	61.7 51.6 77.4
61	43.1 31.9 47.9

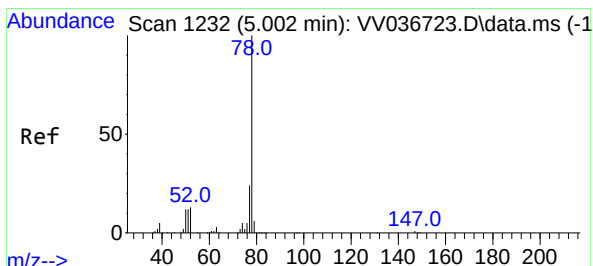
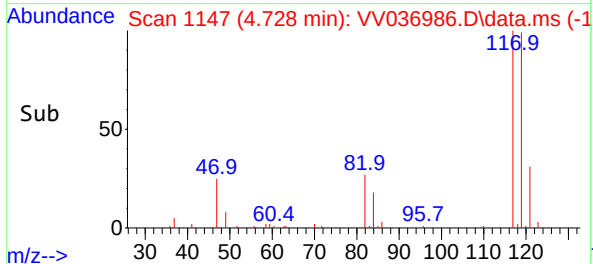
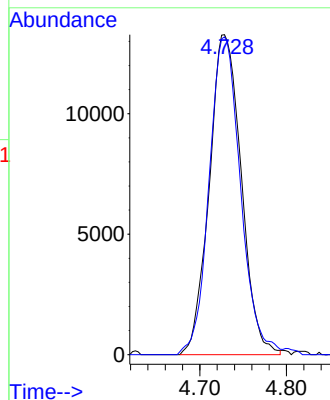
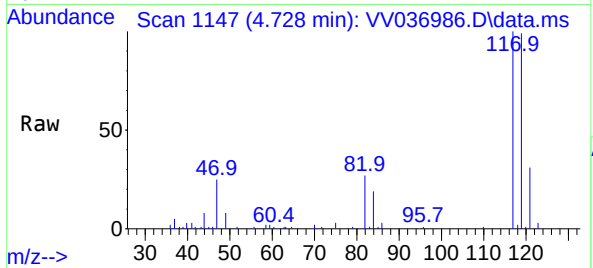




#31
Carbon tetrachloride
Concen: 2.243 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

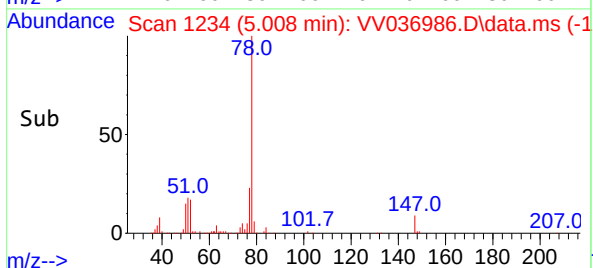
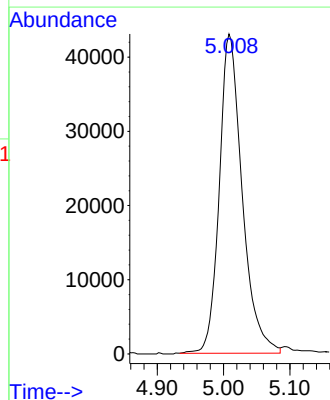
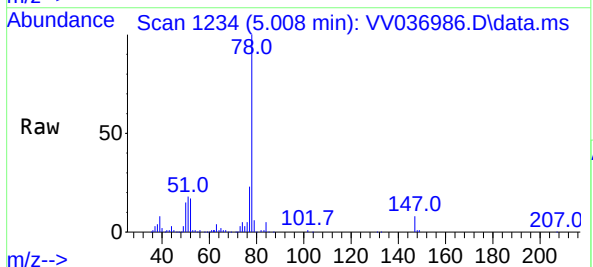
Instrument :
MSVOA_V
ClientSampleId :

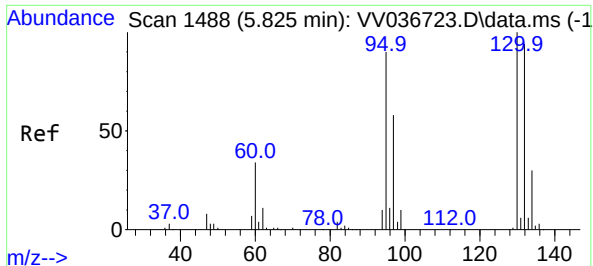
Tgt Ion:117 Resp: 34018
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0



#33
Benzene
Concen: 2.725 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 78 Resp: 103210

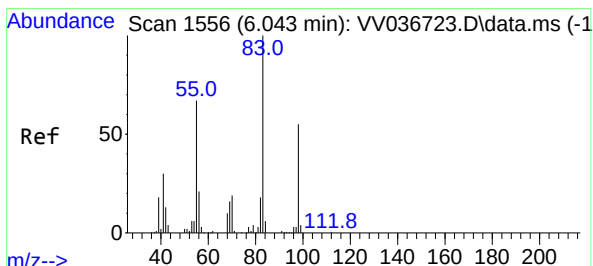
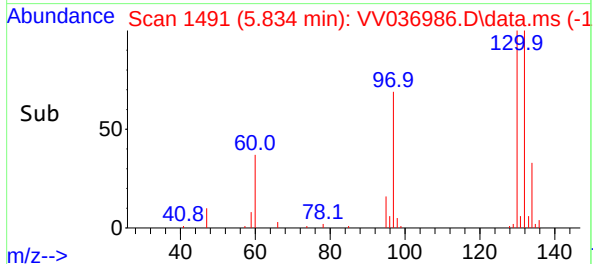
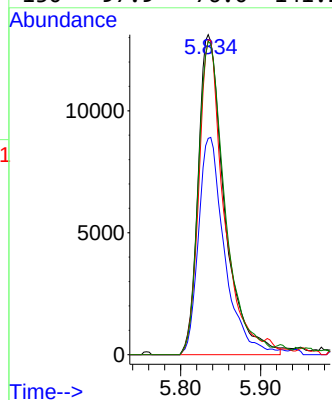
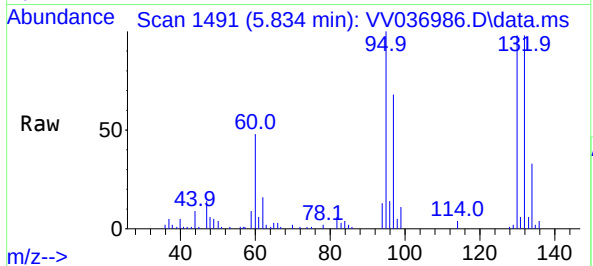




#34
Trichloroethene
Concen: 2.503 ug/L
RT: 5.834 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

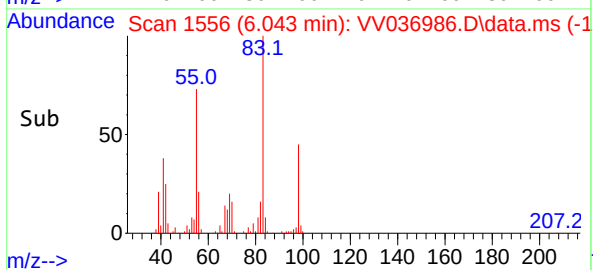
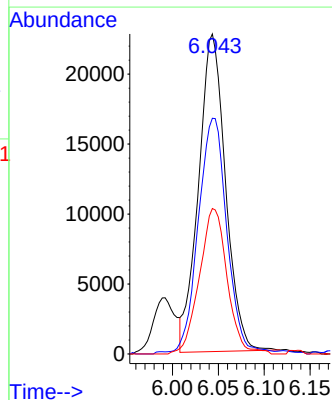
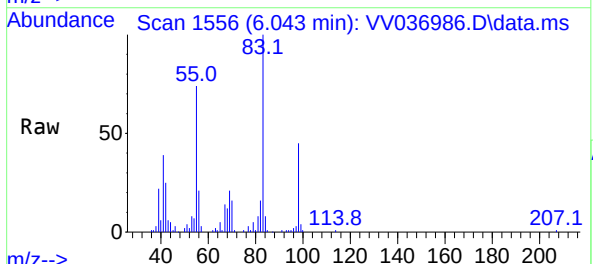
Instrument :
MSVOA_V
ClientSampleId :

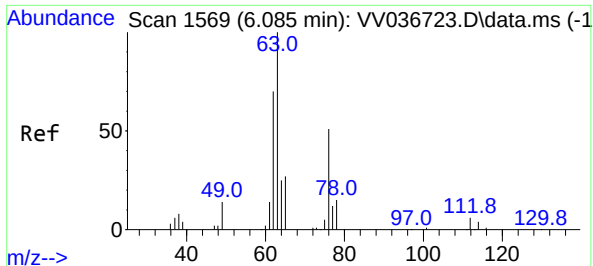
Tgt Ion: 95 Resp: 29990
Ion Ratio Lower Upper
95 100
97 67.6 45.1 83.7
132 98.4 72.7 134.9
130 97.9 76.0 141.2



#35
Methylcyclohexane
Concen: 2.885 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 83 Resp: 46480
Ion Ratio Lower Upper
83 100
55 78.5 50.8 76.2#
98 47.1 41.3 61.9

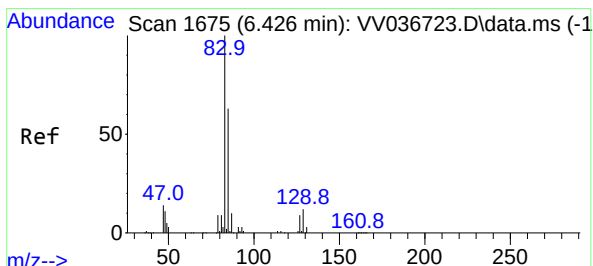
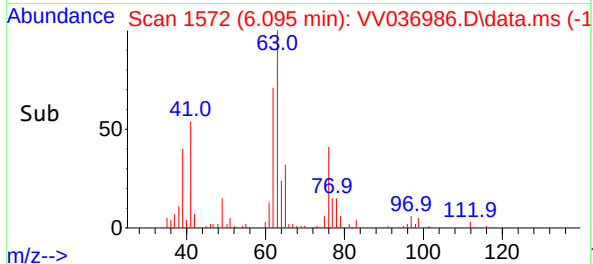
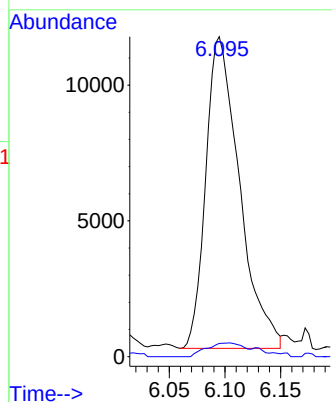
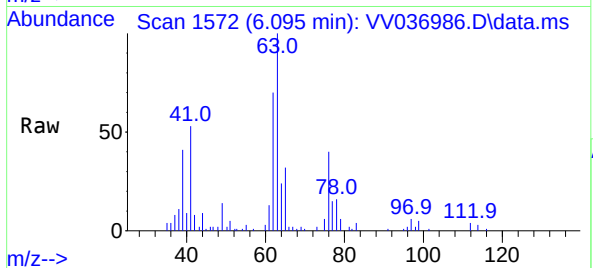




#37
1,2-Dichloropropane
Concen: 2.690 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

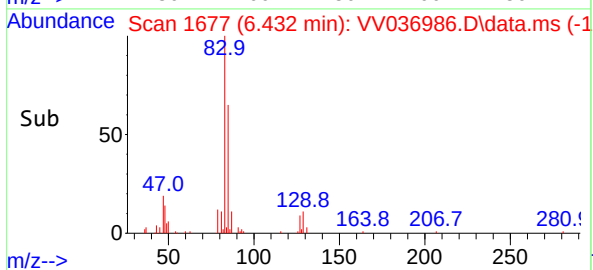
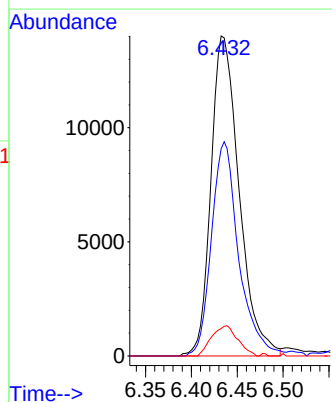
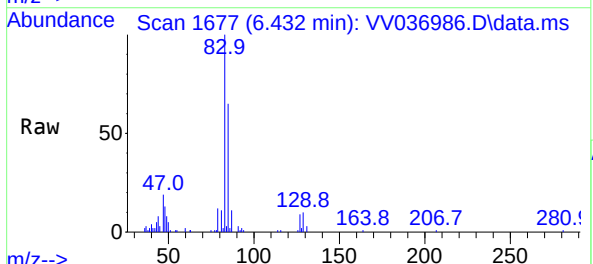
Instrument :
MSVOA_V
ClientSampleId :

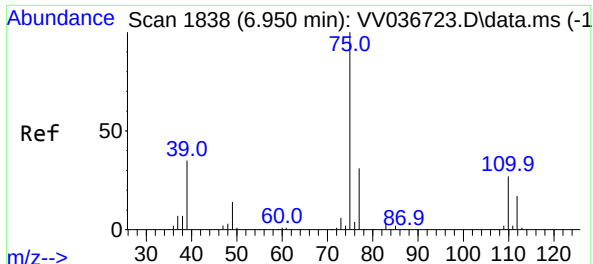
Tgt Ion: 63 Resp: 24122
Ion Ratio Lower Upper
63 100
112 4.7 4.8 7.2#



#38
Bromodichloromethane
Concen: 2.192 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 83 Resp: 29965
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8
127 8.5 7.8 11.6

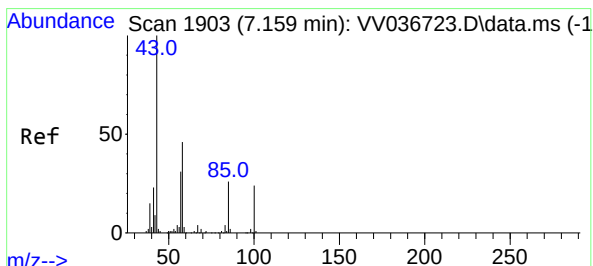
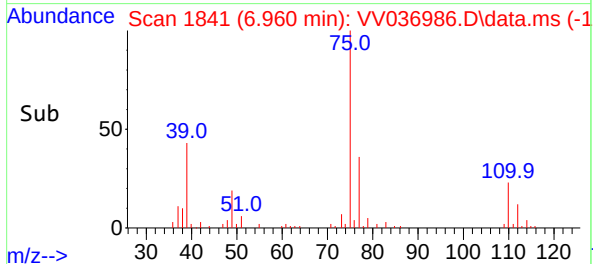
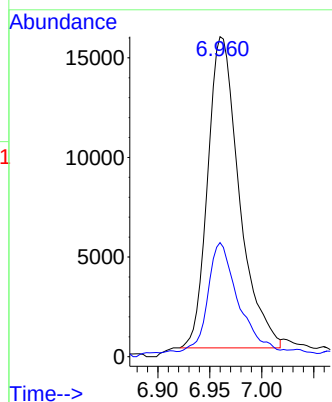
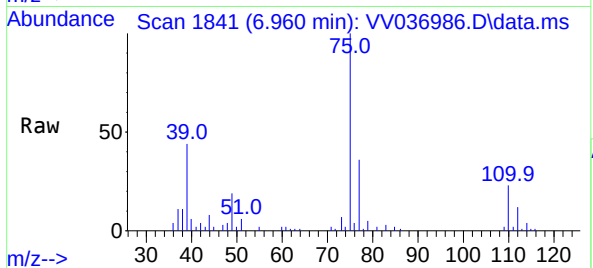




#39
cis-1,3-Dichloropropene
Concen: 2.310 ug/L
RT: 6.960 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

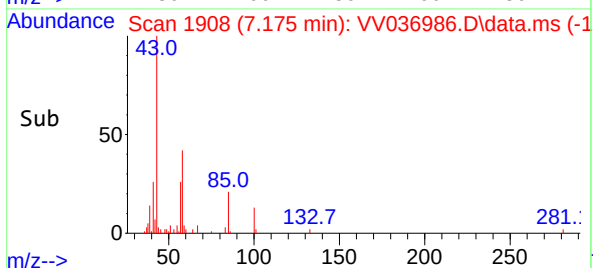
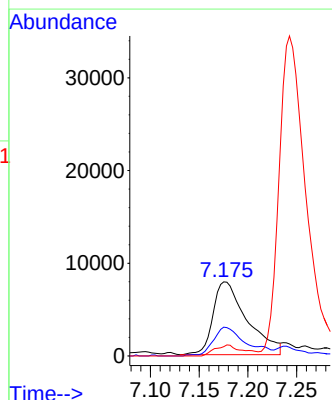
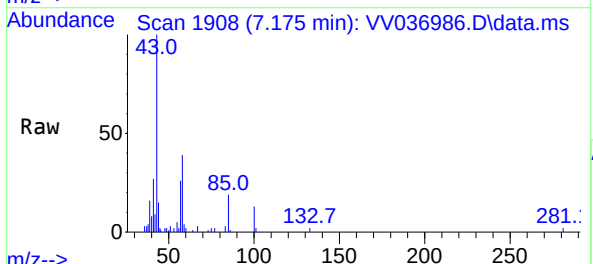
Instrument :
MSVOA_V
ClientSampleId :

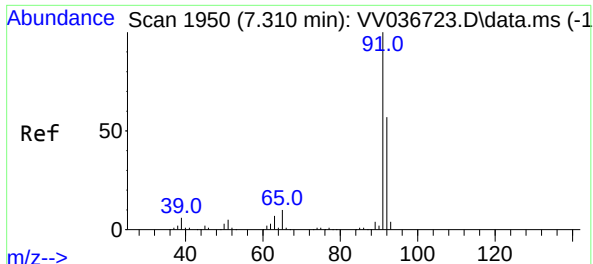
Tgt Ion: 75 Resp: 32986
Ion Ratio Lower Upper
75 100
77 35.6 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 4.729 ug/L
RT: 7.175 min Scan# 1908
Delta R.T. 0.013 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 43 Resp: 19216
Ion Ratio Lower Upper
43 100
58 30.7 36.6 54.8#
100 10.3 18.2 27.4#





#42

Toluene

Concen: 2.605 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

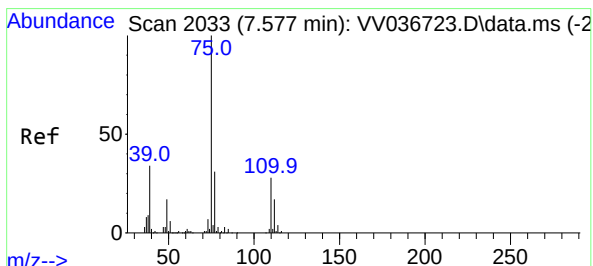
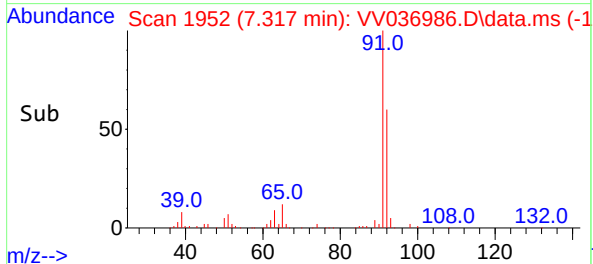
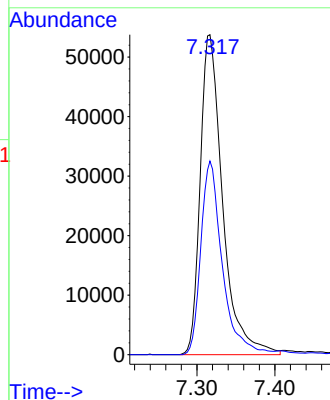
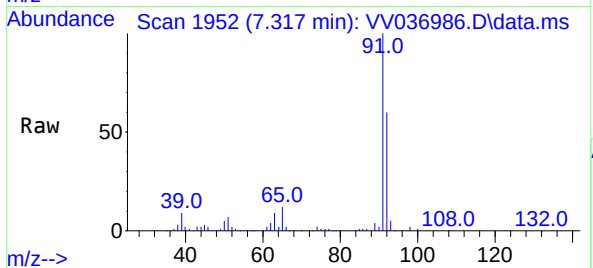
ClientSampleId :

Tgt Ion: 91 Resp: 107406

Ion Ratio Lower Upper

91 100

92 60.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 2.008 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV036986.D

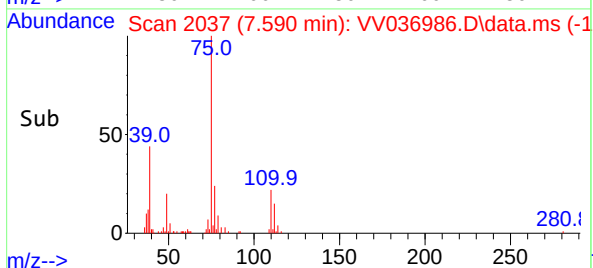
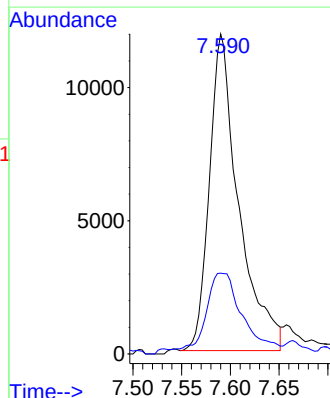
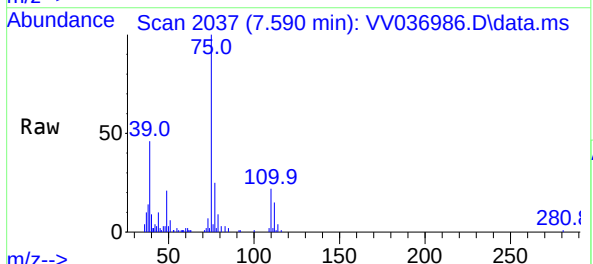
Acq: 21 Aug 2024 10:30

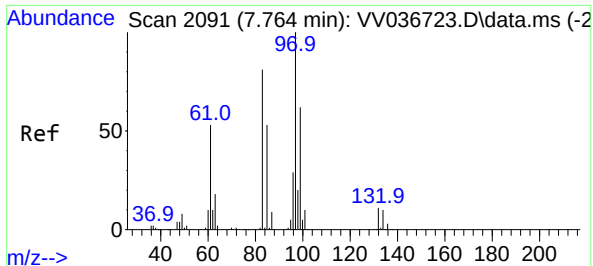
Tgt Ion: 75 Resp: 24860

Ion Ratio Lower Upper

75 100

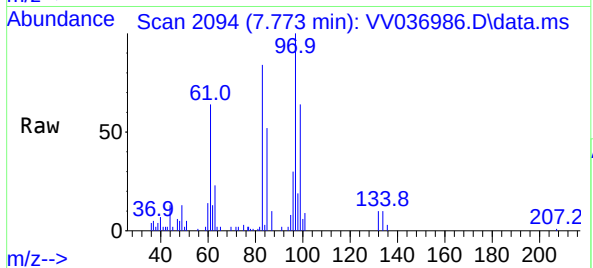
77 25.3 22.6 42.0





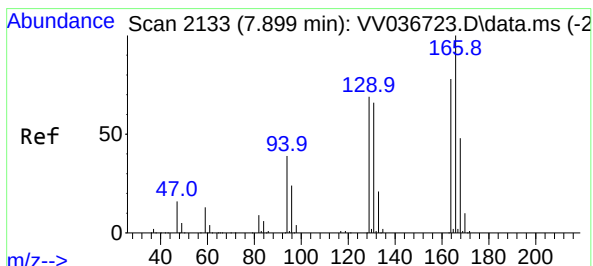
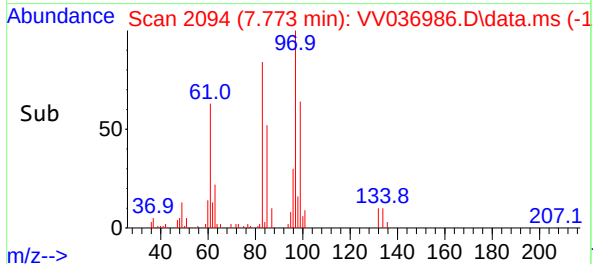
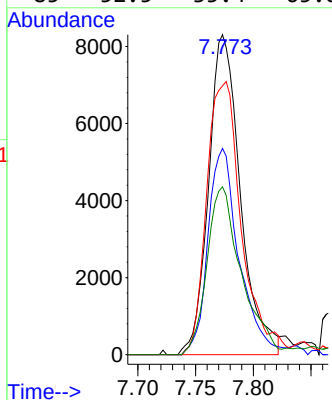
#45
1,1,2-Trichloroethane
Concen: 2.008 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.010 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 15965

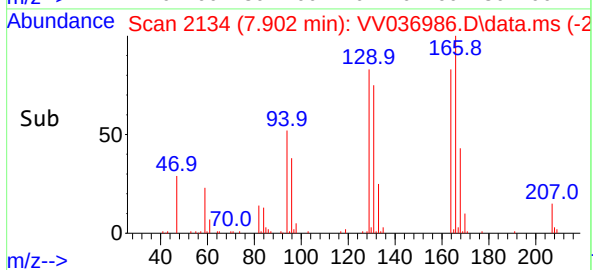
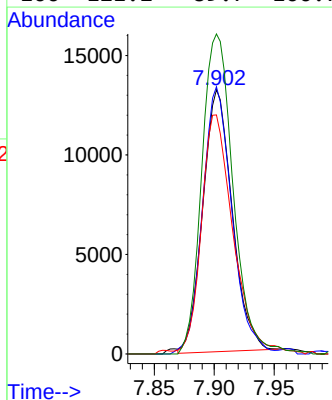
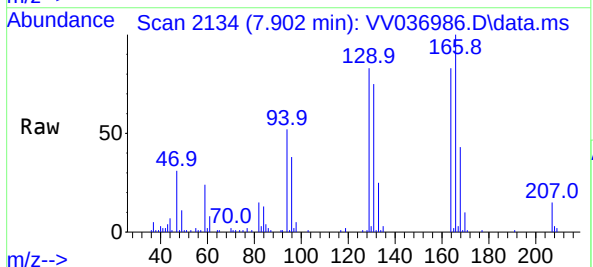
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.5	80.7
83	84.0	55.4	103.0
85	52.5	35.4	65.8

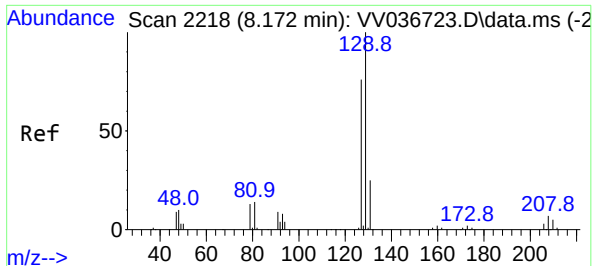


#46
Tetrachloroethene
Concen: 1.977 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 164 Resp: 22449

Ion	Ratio	Lower	Upper
164	100		
129	101.1	61.0	113.2
131	90.5	60.1	111.5
166	121.2	89.7	166.7





#49

Dibromochloromethane

Concen: 1.694 ug/L

RT: 8.175 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

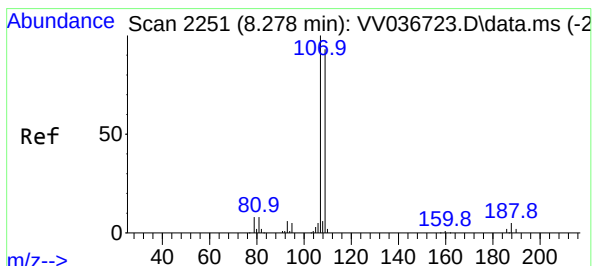
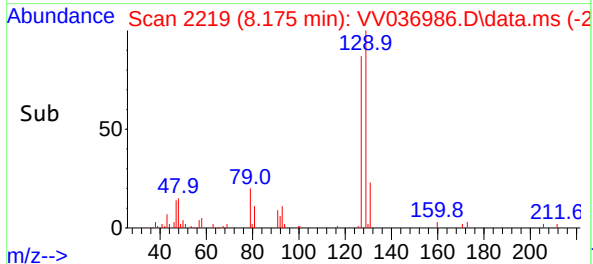
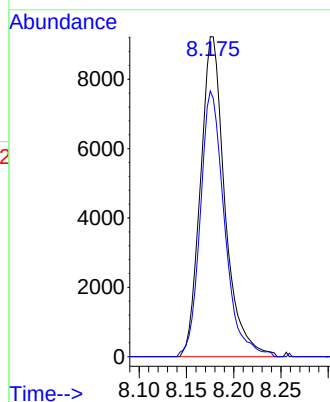
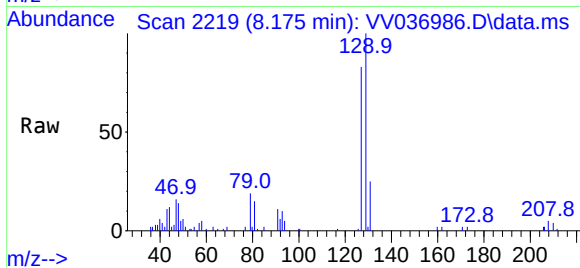
ClientSampleId :

Tgt Ion:129 Resp: 16640

Ion Ratio Lower Upper

129 100

127 83.1 54.3 100.9



#50

1,2-Dibromoethane

Concen: 1.792 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.006 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

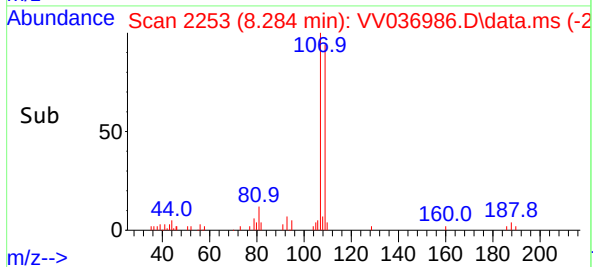
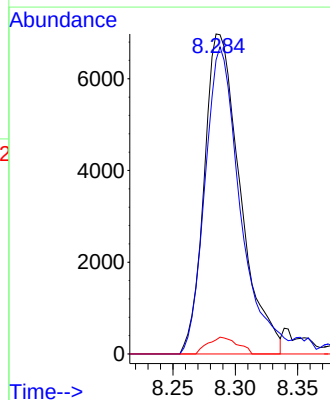
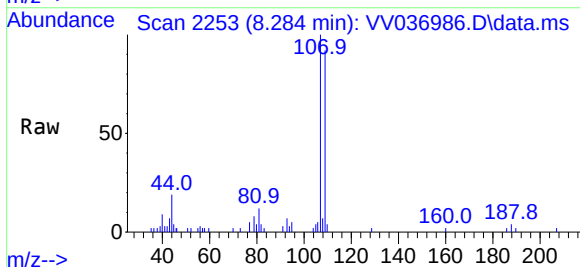
Tgt Ion:107 Resp: 14021

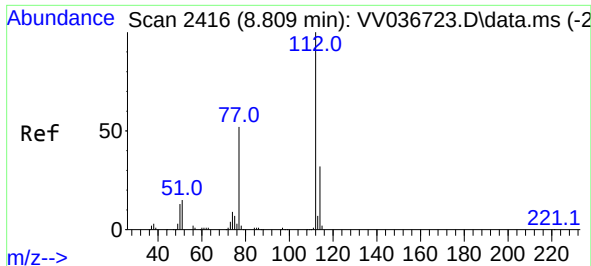
Ion Ratio Lower Upper

107 100

109 91.9 65.5 121.6

188 4.4 3.4 5.2

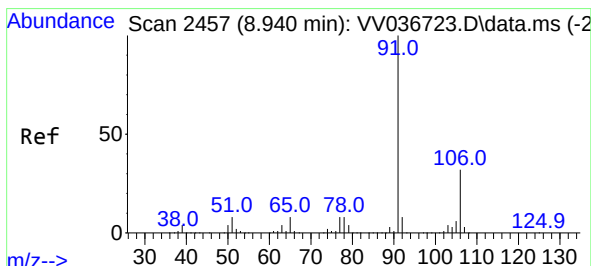
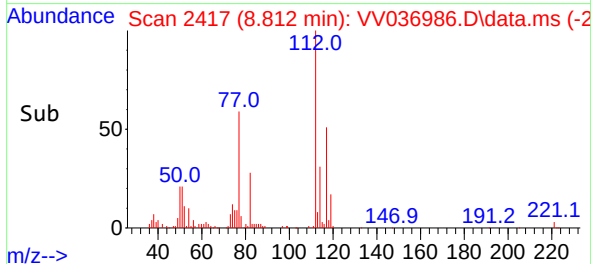
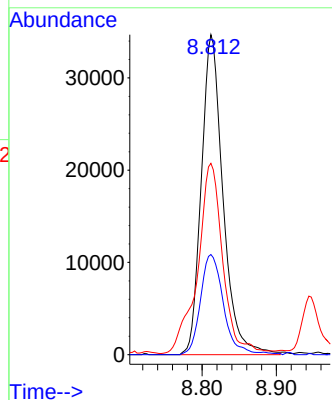
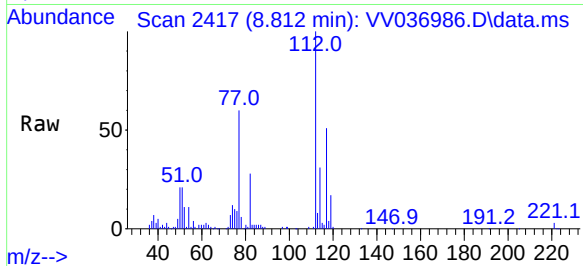




#51
Chlorobenzene
Concen: 2.400 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

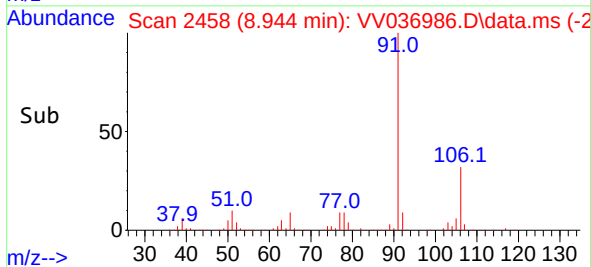
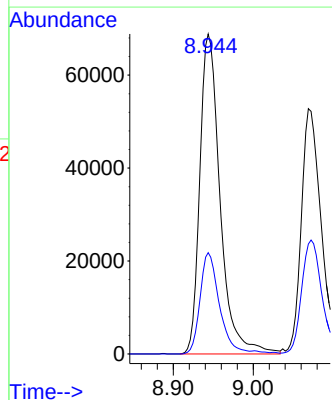
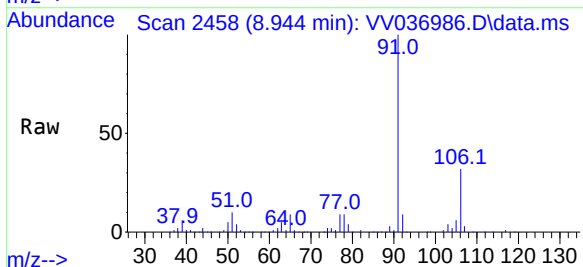
Instrument :
MSVOA_V
ClientSampleId :

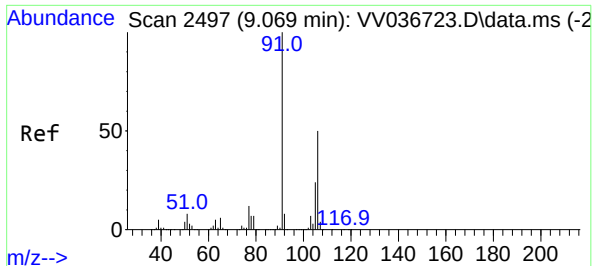
Tgt Ion:112 Resp: 70350
Ion Ratio Lower Upper
112 100
114 31.3 22.5 41.7
77 59.8 41.9 62.9



#52
Ethylbenzene
Concen: 2.665 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 91 Resp: 121769
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.7





#53

m,p-Xylene

Concen: 2.469 ug/L

RT: 9.072 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036986.D

Acq: 21 Aug 2024 10:30

Instrument :

MSVOA_V

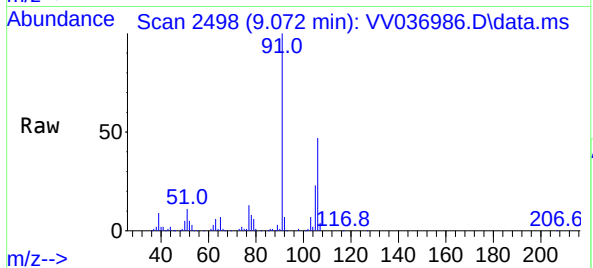
ClientSampleId :

Tgt Ion:106 Resp: 43288

Ion Ratio Lower Upper

106 100

91 212.8 136.8 254.0



Abundance

50000

40000

30000

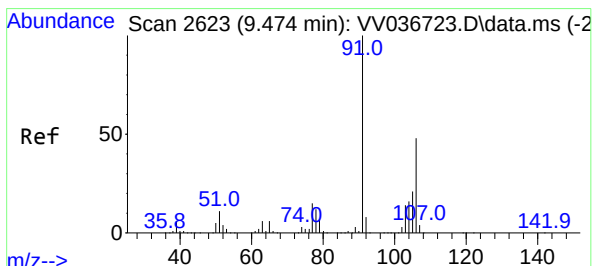
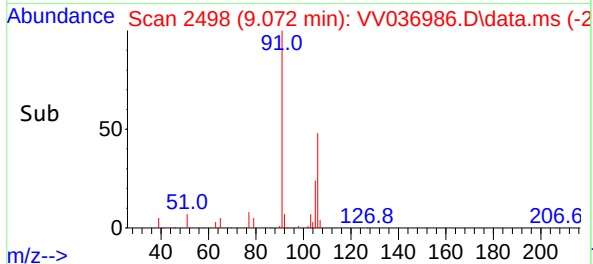
20000

10000

0

9.072

Time-->



#54

o-Xylene

Concen: 2.443 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.003 min

Lab File: VV036986.D

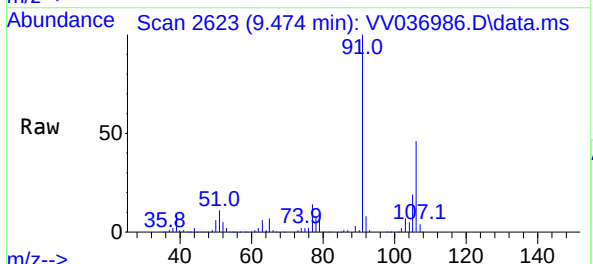
Acq: 21 Aug 2024 10:30

Tgt Ion:106 Resp: 41310

Ion Ratio Lower Upper

106 100

91 217.2 146.1 271.3



Abundance

40000

30000

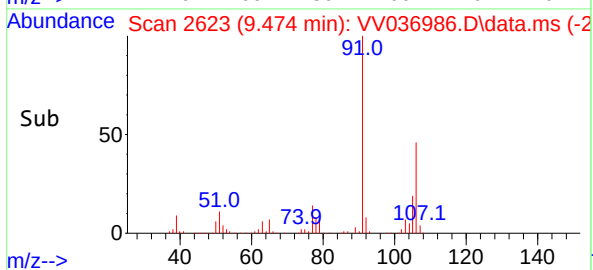
20000

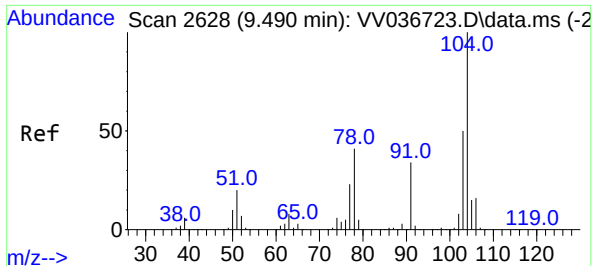
10000

0

9.474

Time-->

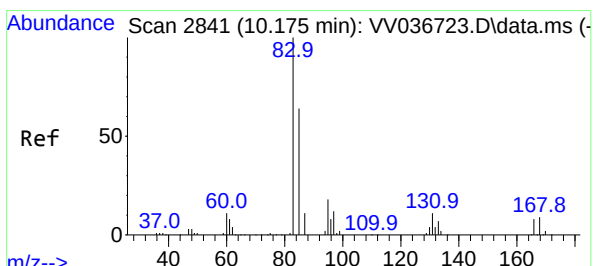
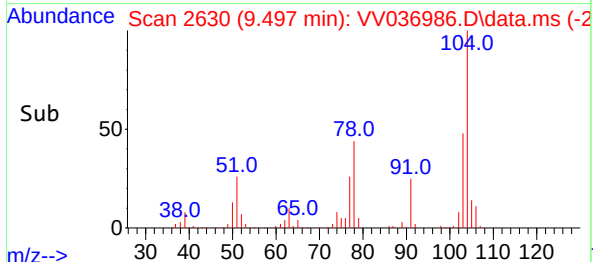
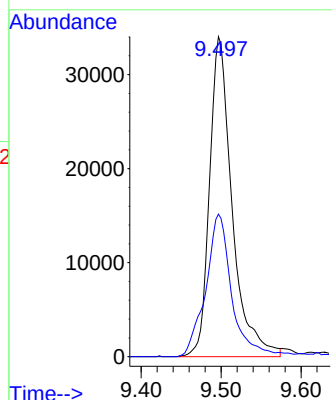
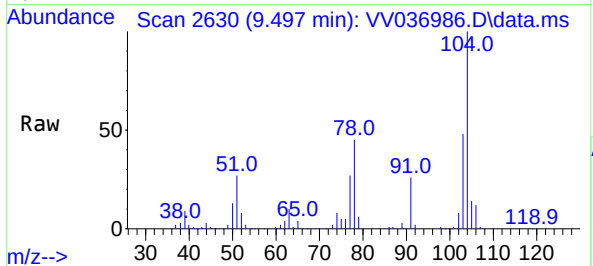




#55
Styrene
Concen: 2.349 ug/L
RT: 9.497 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

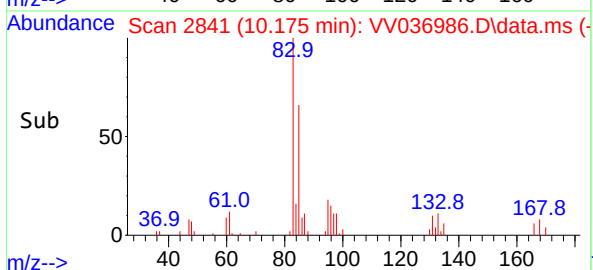
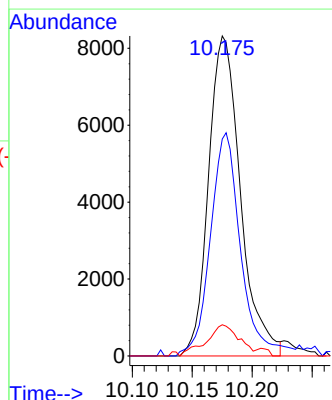
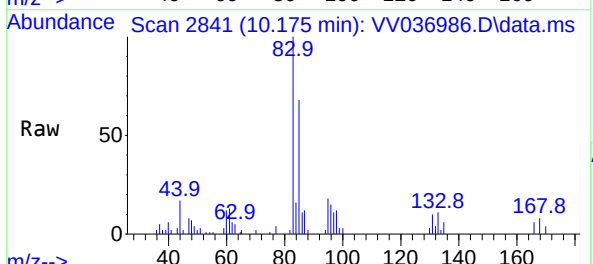
Instrument :
MSVOA_V
ClientSampleId :

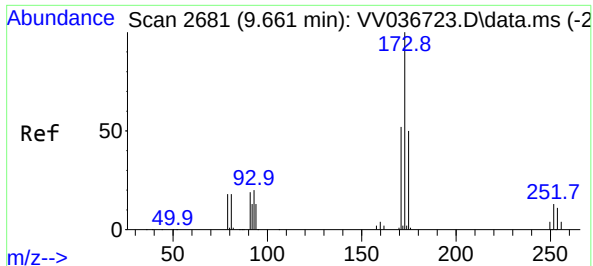
Tgt Ion:104 Resp: 66761
Ion Ratio Lower Upper
104 100
78 44.6 29.7 55.1



#57
1,1,2,2-Tetrachloroethane
Concen: 2.109 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion: 83 Resp: 15395
Ion Ratio Lower Upper
83 100
85 67.8 44.9 83.3
131 9.7 9.3 13.9

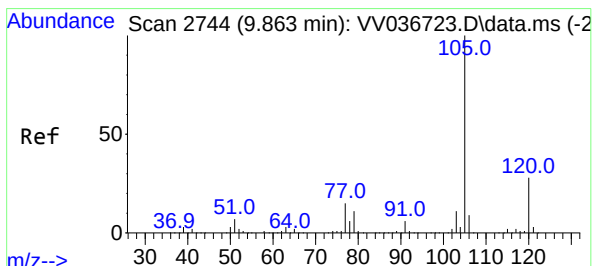
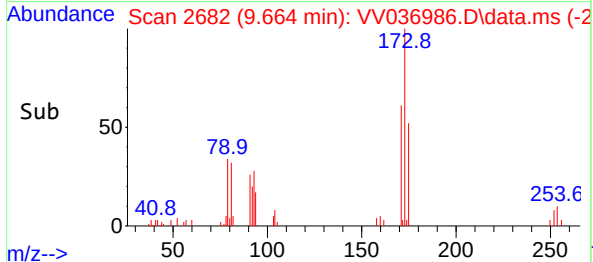
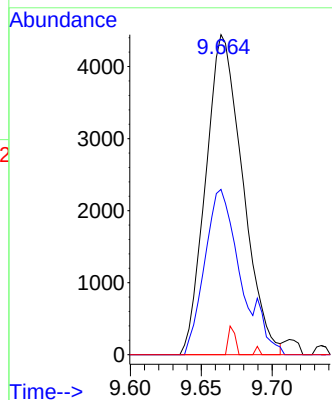
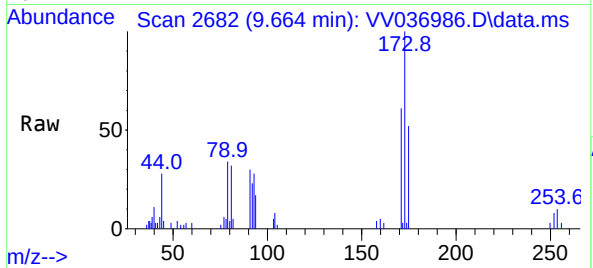




#59
Bromoform
Concen: 1.512 ug/L
RT: 9.664 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

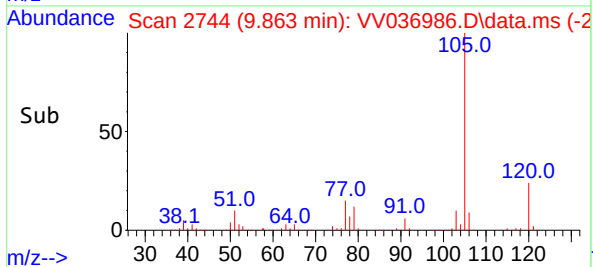
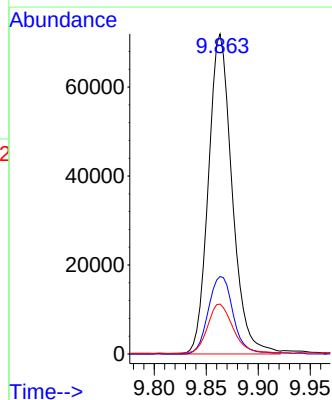
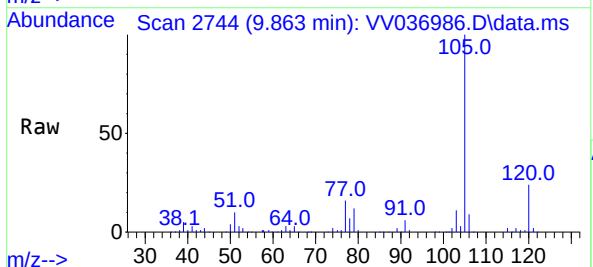
Instrument :
MSVOA_V
ClientSampleId :

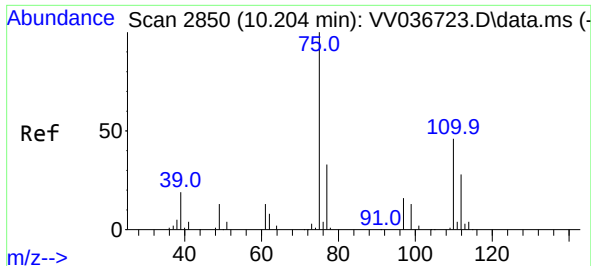
Tgt Ion:173 Resp: 8058
Ion Ratio Lower Upper
173 100
175 45.7 39.6 59.4
254 1.7 8.2 12.4#



#60
Isopropylbenzene
Concen: 2.908 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion:105 Resp: 114395
Ion Ratio Lower Upper
105 100
120 25.1 22.1 33.1
77 16.5 11.8 17.6

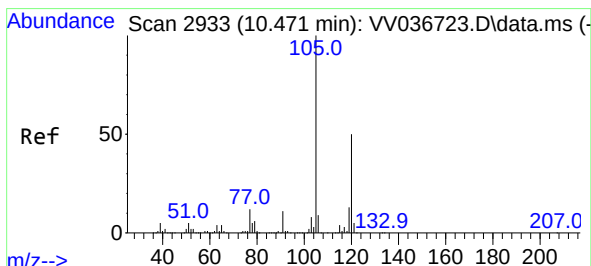
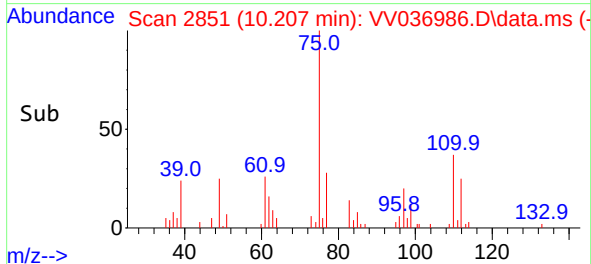
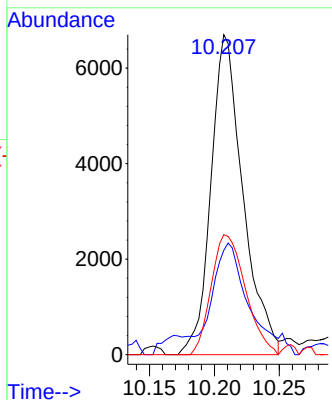
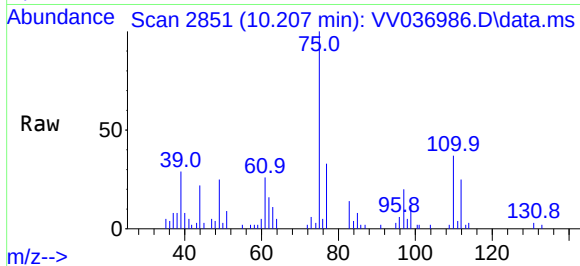




#61
1,2,3-Trichloropropane
Concen: 2.152 ug/L
RT: 10.207 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

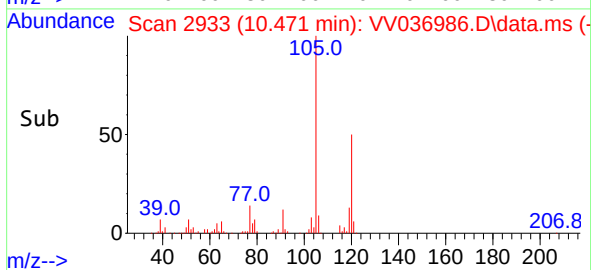
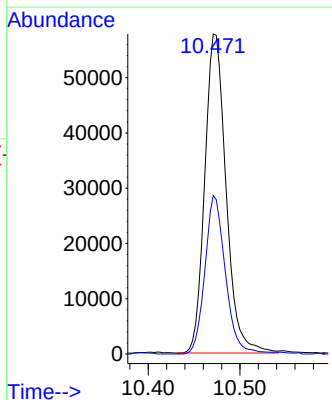
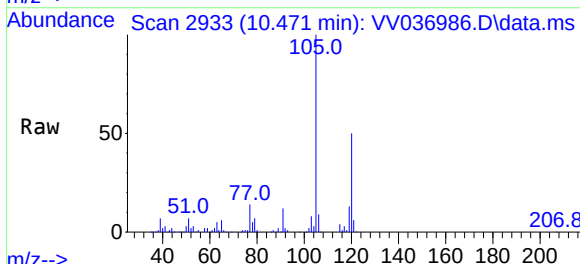
Instrument :
MSVOA_V
ClientSampleId :

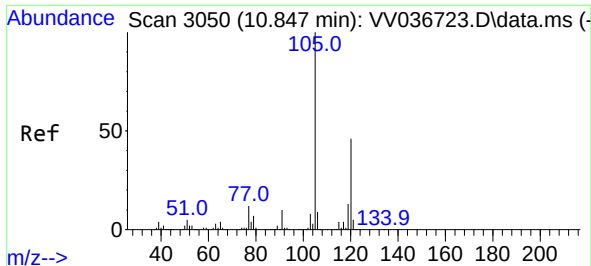
Tgt Ion:	75	Resp:	11482
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.9	38.9
110	40.1	36.2	54.4



#62
1,3,5-Trimethylbenzene
Concen: 3.026 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion:	105	Resp:	93297
Ion	Ratio	Lower	Upper
105	100		
120	47.5	39.8	59.8

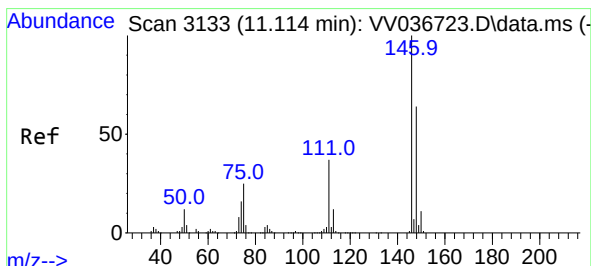
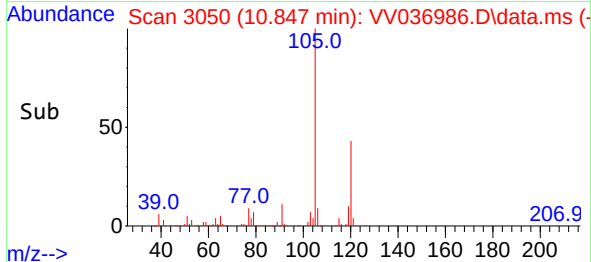
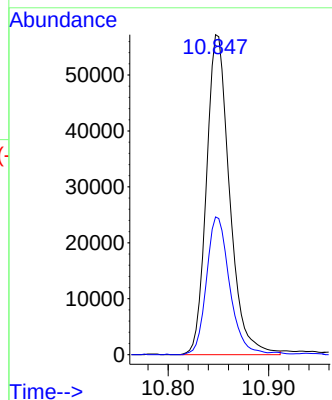
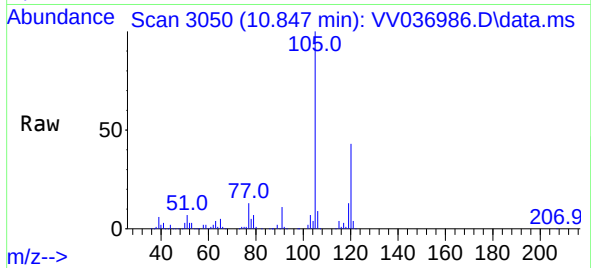




#63
1,2,4-Trimethylbenzene
Concen: 2.927 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

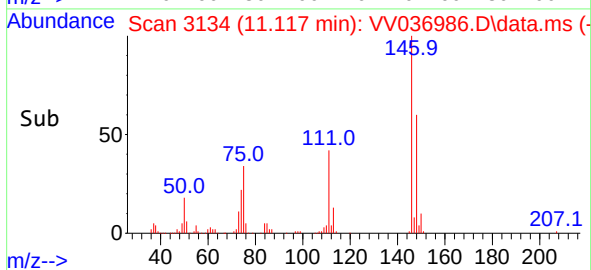
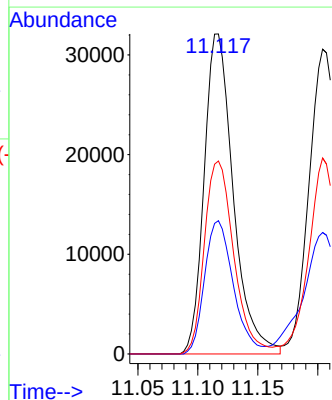
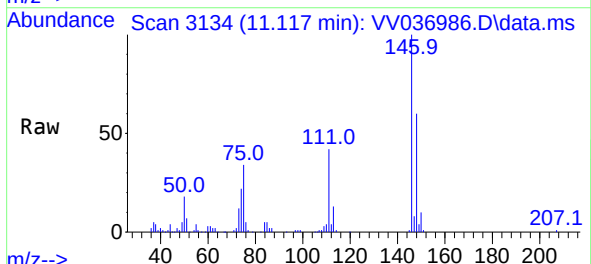
Instrument :
MSVOA_V
ClientSampleId :

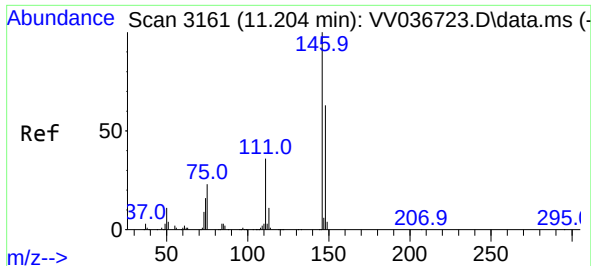
Tgt Ion:105 Resp: 91532
Ion Ratio Lower Upper
105 100
120 43.0 37.2 55.8



#64
1,3-Dichlorobenzene
Concen: 2.589 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Tgt Ion:146 Resp: 54352
Ion Ratio Lower Upper
146 100
111 41.6 25.5 47.3
148 60.3 44.6 82.8

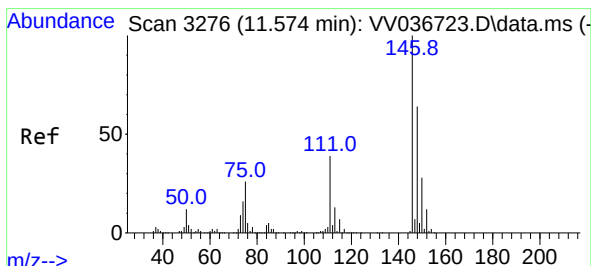
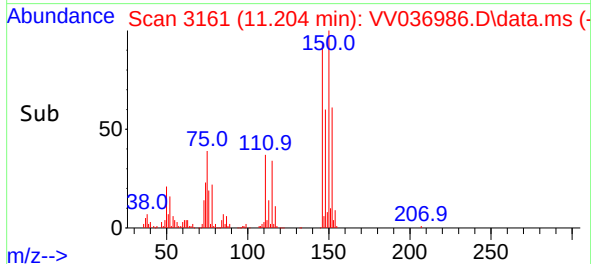
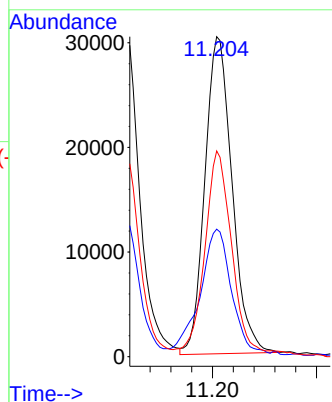
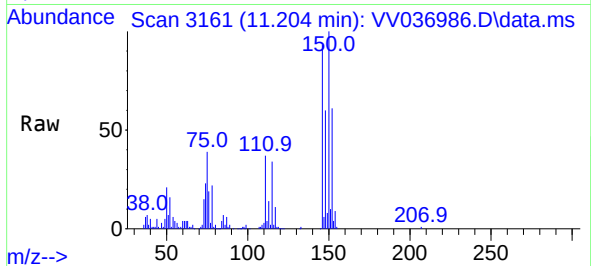




#65
1,4-Dichlorobenzene
Concen: 2.559 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

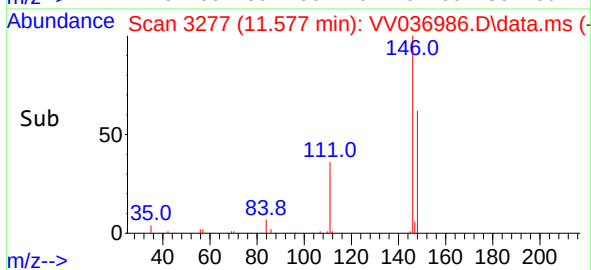
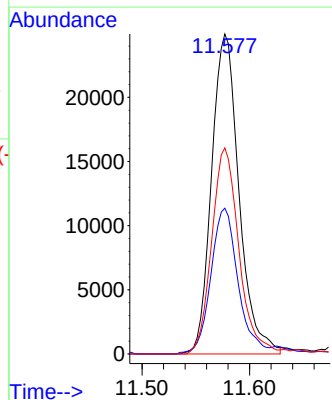
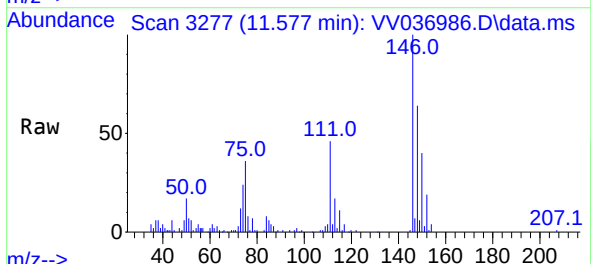
Instrument :
MSVOA_V
ClientSampleId :

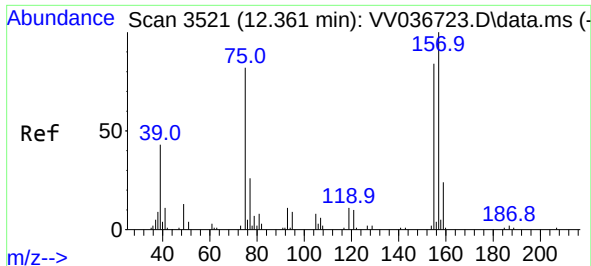
Tgt Ion:	146	Resp:	54993
Ion	Ratio	Lower	Upper
146	100		
111	39.9	24.9	46.3
148	64.3	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 2.293 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

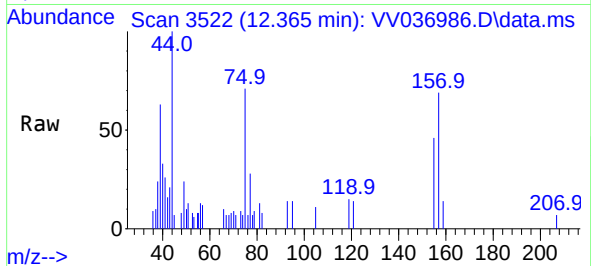
Tgt Ion:	146	Resp:	44202
Ion	Ratio	Lower	Upper
146	100		
111	45.6	31.3	46.9
148	64.4	51.0	76.4



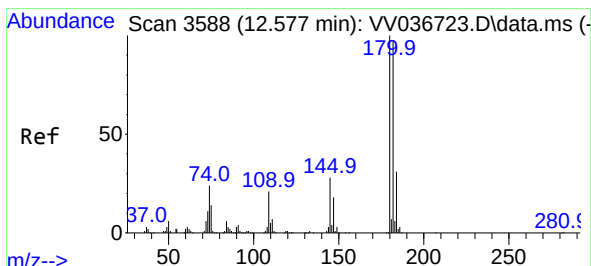
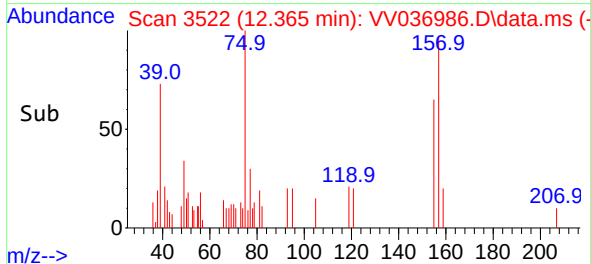
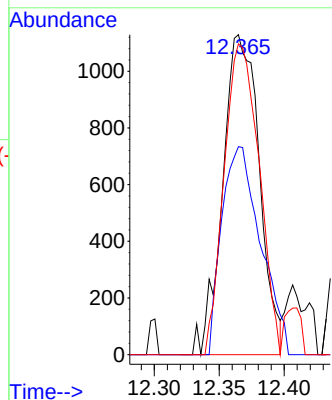


#68
1,2-Dibromo-3-chloropropane
Concen: 1.824 ug/L
RT: 12.365 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :

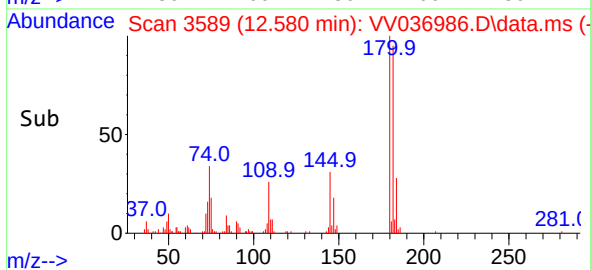
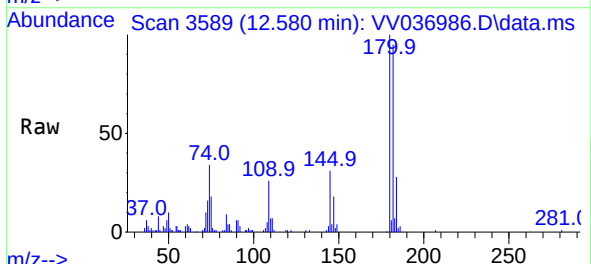
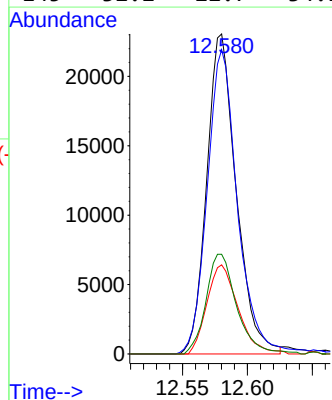


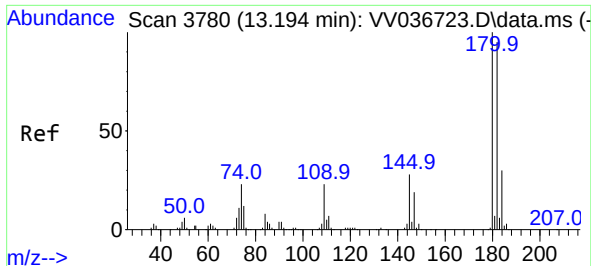
Tgt Ion: 75 Resp: 2212
Ion Ratio Lower Upper
75 100
155 65.0 79.5 119.3#
157 97.2 100.2 150.4#



#69
1,3,5-Trichlorobenzene
Concen: 2.244 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.003 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

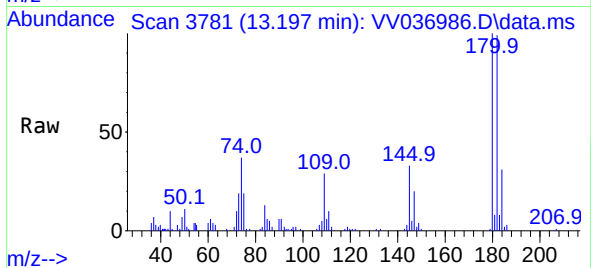
Tgt Ion:180 Resp: 36472
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.4
184 29.4 24.6 36.8
145 32.2 22.7 34.1



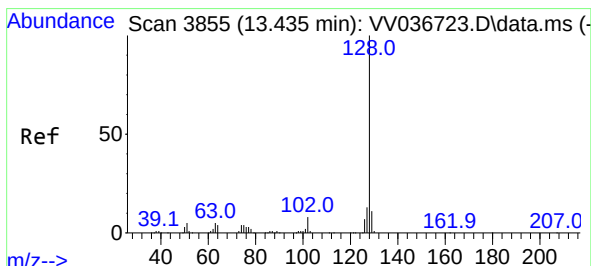
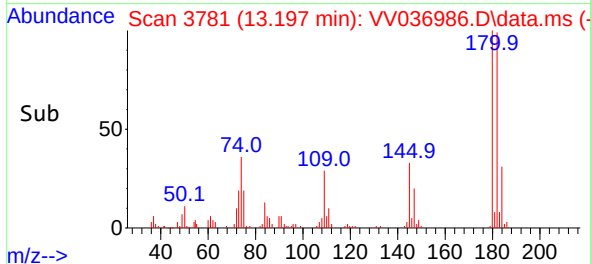
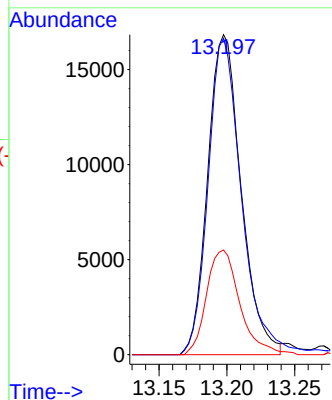


#70
1,2,4-trichlorobenzene
Concen: 2.201 ug/L
RT: 13.197 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

Instrument :
MSVOA_V
ClientSampleId :

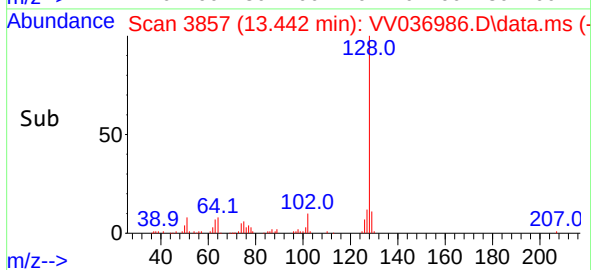
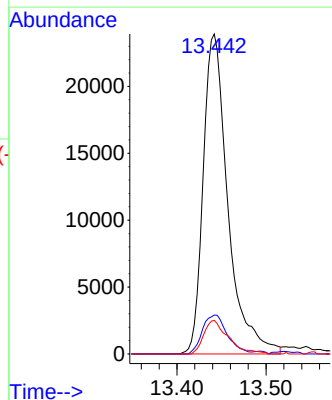
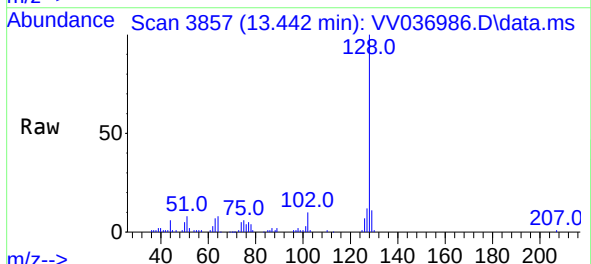


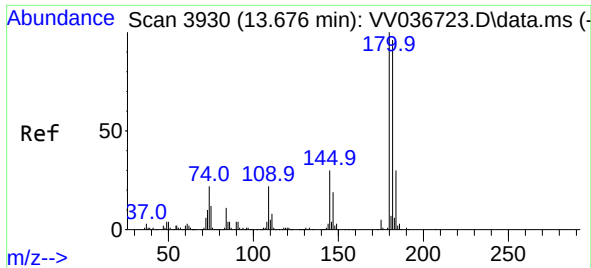
Tgt Ion:180 Resp: 28876
Ion Ratio Lower Upper
180 100
182 98.5 76.2 114.2
145 32.6 23.0 34.6



#71
Naphthalene
Concen: 2.365 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV036986.D
Acq: 21 Aug 2024 10:30

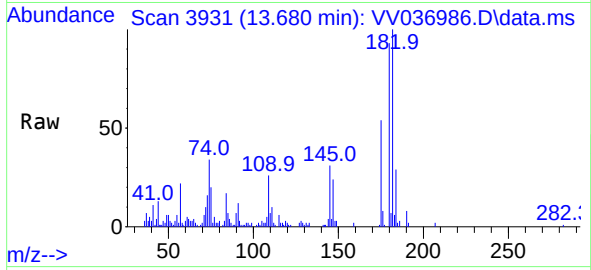
Tgt Ion:128 Resp: 46067
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 9.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.081 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.006 min
 Lab File: VV036986.D
 Acq: 21 Aug 2024 10:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	24090
Ion	Ratio	Lower	Upper
180	100		
182	102.0	75.6	113.4
145	34.6	24.6	37.0

