

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062424\
 Data File : VW036266.D
 Acq On : 25 Jun 2024 00:27
 Operator : SY/MD
 Sample : P3035-03MSD
 Misc : 4.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 06:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	420691	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	98960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	176135	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	1.526	69	152577	24.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.960%
11) 1,1-Dichloroethene-d2	2.050	65	76003	22.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.280%
21) 2-Butanone-d5	3.847	46	14370	8.098	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.200%#
24) Chloroform-d	4.243	84	325064	24.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.937	65	166368	23.725	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	4.954	84	613670	31.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.200%
36) 1,2-Dichloropropane-d6	5.982	67	195478	32.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.640%#
41) Toluene-d8	7.240	98	504755	29.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.560%
43) trans-1,3-Dichloroprop...	7.551	79	44663	17.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.680%
47) 2-Hexanone-d5	8.034	63	23704	28.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	112139	24.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	82923	22.850	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	106193	14.000	ug/L	100
3) Chloromethane	1.211	50	103430	11.881	ug/L	99
5) Vinyl chloride	1.275	62	138070	15.066	ug/L	99
6) Bromomethane	1.481	94	66834	11.755	ug/L	99
8) Chloroethane	1.542	64	91553	16.072	ug/L	98
9) Trichlorofluoromethane	1.706	101	194563	17.095	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	112831	15.621	ug/L	97
12) 1,1-Dichloroethene	2.060	96	107223	15.916	ug/L #	79
14) Carbon disulfide	2.233	76	272688	11.656	ug/L	100
15) Methyl Acetate	2.397	43	13286	3.867	ug/L #	70
16) Methylene chloride	2.439	84	150226	15.781	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	104747	14.637	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	280210	17.442	ug/L	99
19) 1,1-Dichloroethane	3.105	63	221458	16.250	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	109973	15.294	ug/L	97
22) 2-Butanone	3.925	43	39964	17.038	ug/L #	63
23) Bromochloromethane	4.143	128	59271	16.433	ug/L	96
25) Chloroform	4.269	83	231880	16.541	ug/L	99
27) 1,2-Dichloroethane	5.037	62	141749	16.196	ug/L	100

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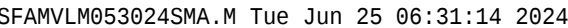
Instrument :
 MSVOA_V
 ClientSampleId :

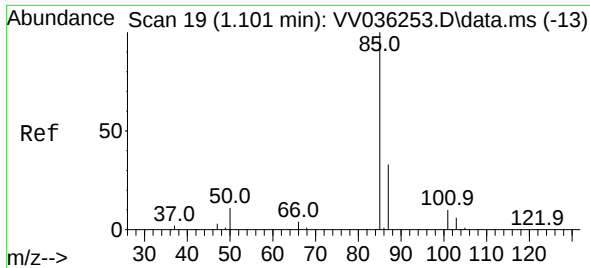
Quant Time: Jun 25 06:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	108560	14.043	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	181931	20.497	ug/L	99
31) Carbon tetrachloride	4.728	117	146632	18.831	ug/L	98
33) Benzene	5.005	78	443875	20.903	ug/L	100
34) Trichloroethene	5.828	95	113057	17.372	ug/L	100
35) Methylcyclohexane	6.047	83	100603	11.178	ug/L	99
37) 1,2-Dichloropropane	6.089	63	116030	20.810	ug/L	100
38) Bromodichloromethane	6.429	83	150552	20.400	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	93866	11.256	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	100225	33.085	ug/L	99
42) Toluene	7.310	91	411759	18.977	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	85877	11.922	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	91204	19.769	ug/L	98
46) Tetrachloroethene	7.902	164	69260	14.551	ug/L	98
48) 2-Hexanone	8.082	43	56522	23.866	ug/L #	93
49) Dibromochloromethane	8.172	129	91729	18.167	ug/L	99
50) 1,2-Dibromoethane	8.281	107	69546	15.710	ug/L	98
51) Chlorobenzene	8.812	112	224804	15.206	ug/L	99
52) Ethylbenzene	8.944	91	350839	15.113	ug/L	100
53) m,p-Xylene	9.072	106	127917	14.665	ug/L	99
54) o-Xylene	9.477	106	116043	14.107	ug/L	99
55) Styrene	9.494	104	169178	11.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	75827	18.356	ug/L	99
59) Bromoform	9.664	173	49419	26.480	ug/L	99
60) Isopropylbenzene	9.863	105	277985	21.896	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	70775	30.240	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	154951	16.831	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	163337	16.467	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	101185	15.176	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	104850	15.236	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	91702	14.616	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	11596	22.157	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	38340	7.687	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	22992	5.855	ug/L	99
71) Naphthalene	13.439	128	50727	7.916	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	18412	5.138	ug/L	99

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

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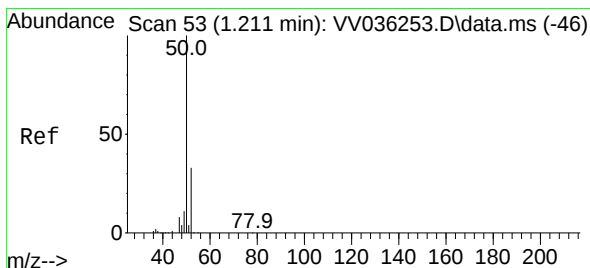
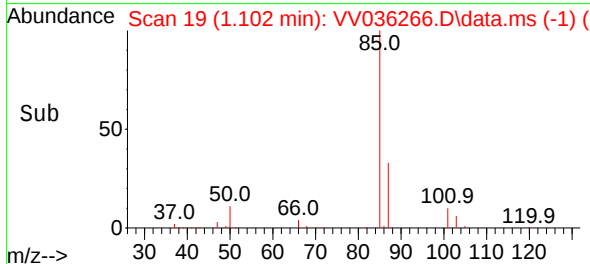
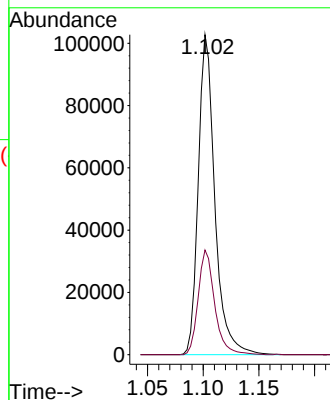
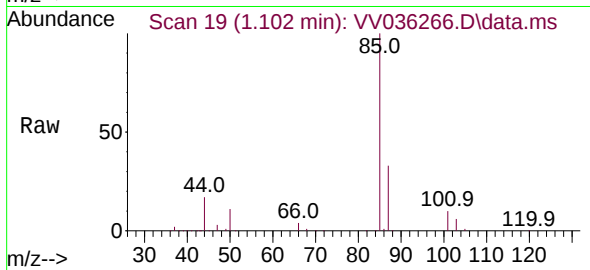




#2
 Dichlorodifluoromethane
 Concen: 14.000 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036266.D
 Acq: 25 Jun 2024 00:27

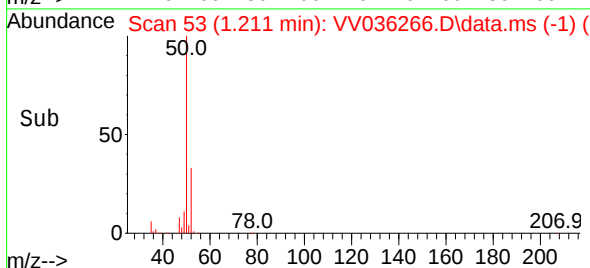
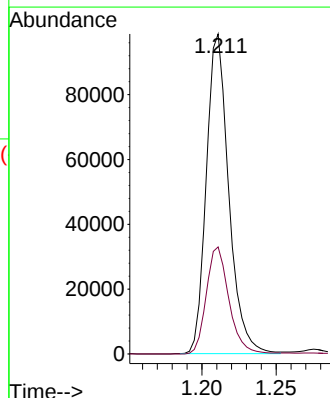
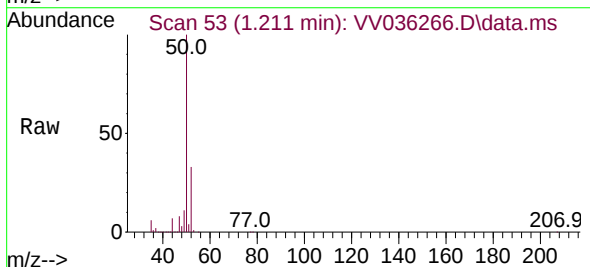
Instrument :
 MSVOA_V
 ClientSampleId :

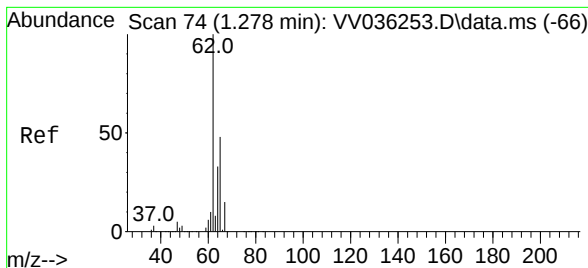
Tgt Ion: 85 Resp: 106193
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 11.881 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036266.D
 Acq: 25 Jun 2024 00:27

Tgt Ion: 50 Resp: 103430
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.8 42.4





#5

Vinyl chloride

Concen: 15.066 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

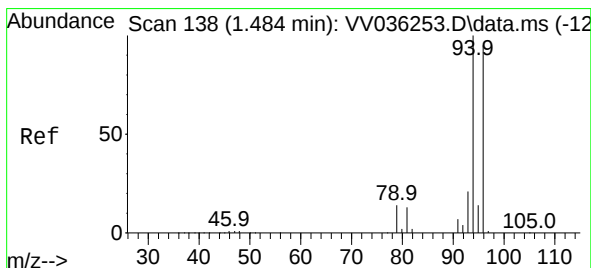
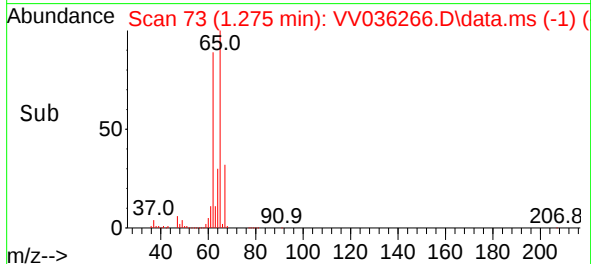
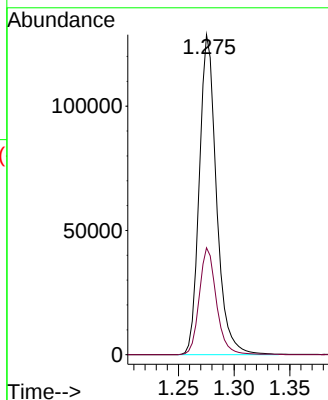
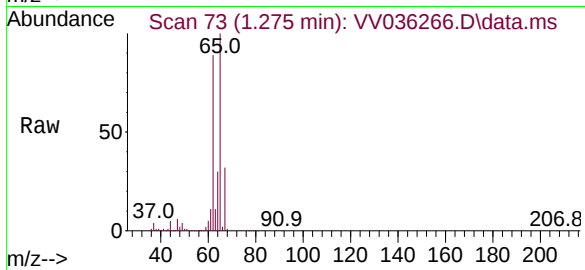
ClientSampleId :

Tgt Ion: 62 Resp: 138070

Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



#6

Bromomethane

Concen: 11.755 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036266.D

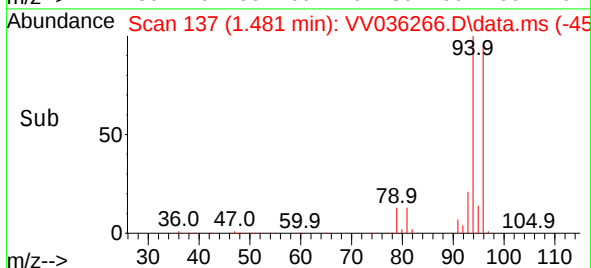
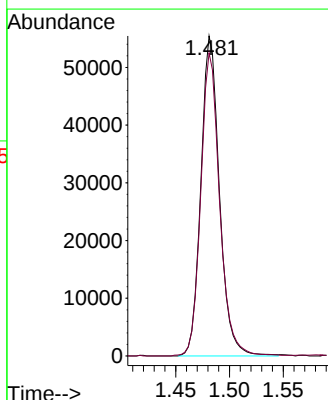
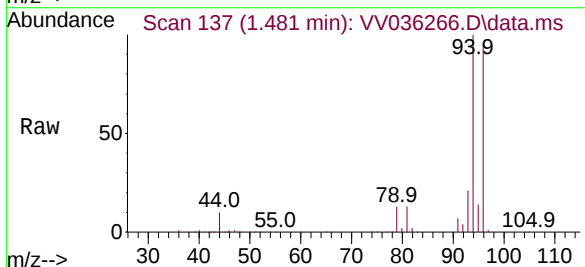
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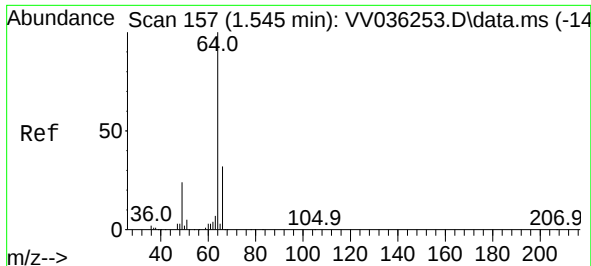
Tgt Ion: 94 Resp: 66834

Ion Ratio Lower Upper

94 100

96 94.7 65.7 122.1

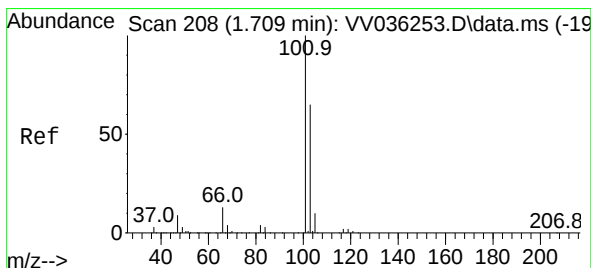
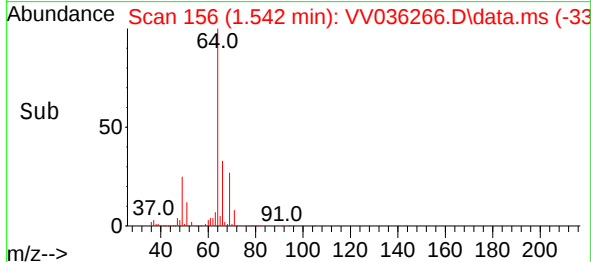
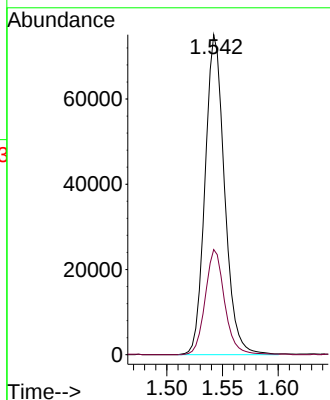
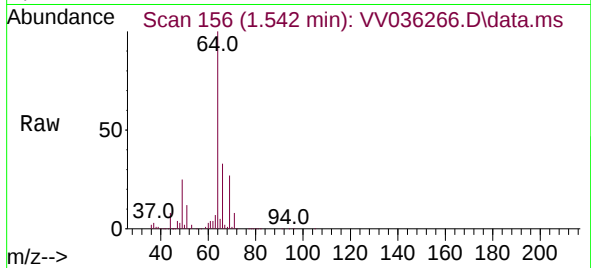




#8
Chloroethane
Concen: 16.072 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

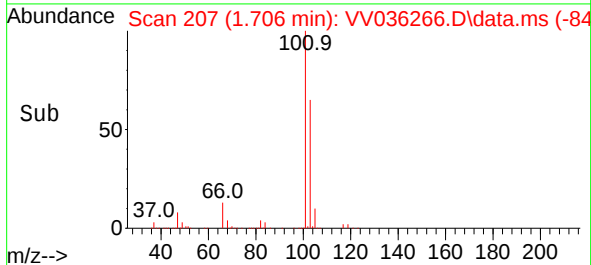
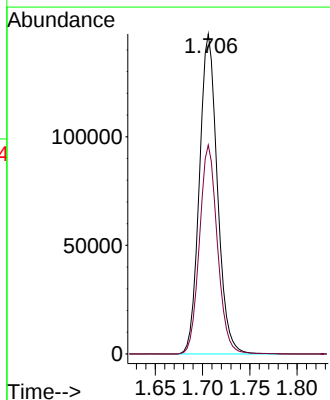
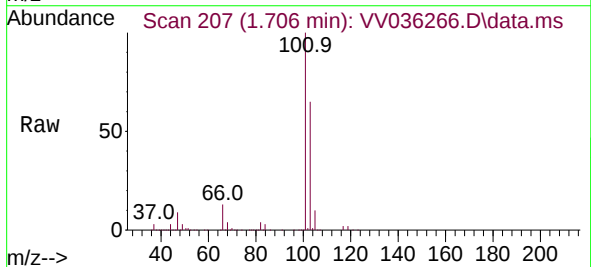
Instrument :
MSVOA_V
ClientSampleId :

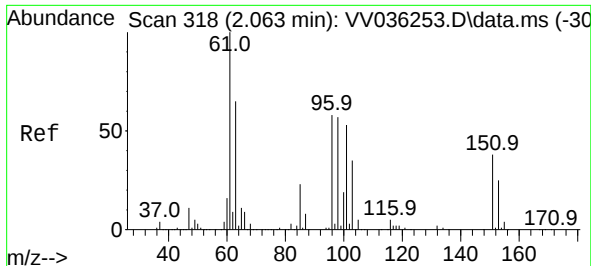
Tgt Ion: 64 Resp: 91553
Ion Ratio Lower Upper
64 100
66 32.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 17.095 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:101 Resp: 194563
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8





#10

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

Concen: 15.621 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

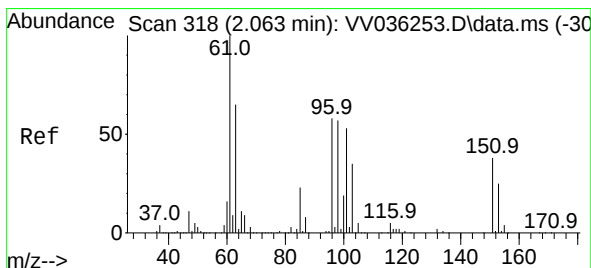
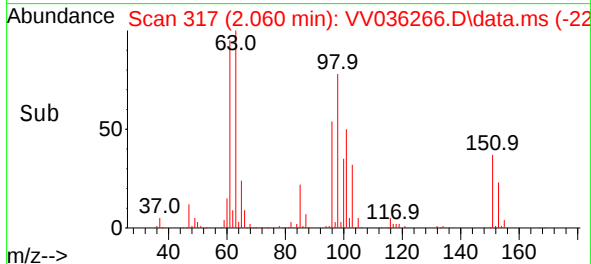
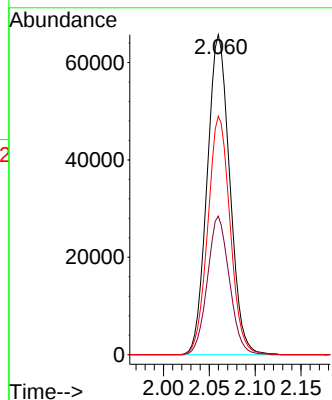
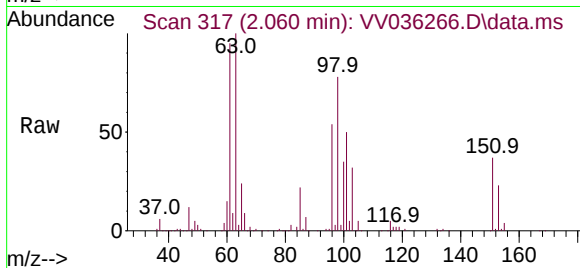
Tgt Ion:101 Resp: 112831

Ion Ratio Lower Upper

101 100

85 42.1 34.5 51.7

151 73.5 56.3 84.5



#12

1,1-Dichloroethene

Concen: 15.916 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

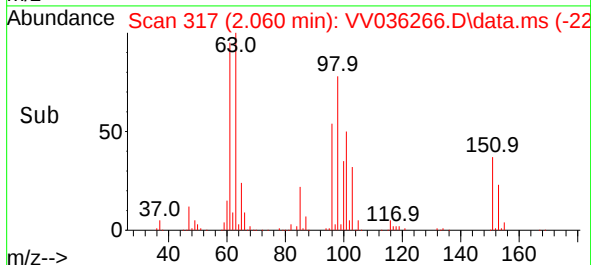
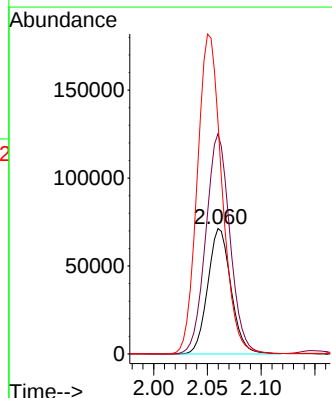
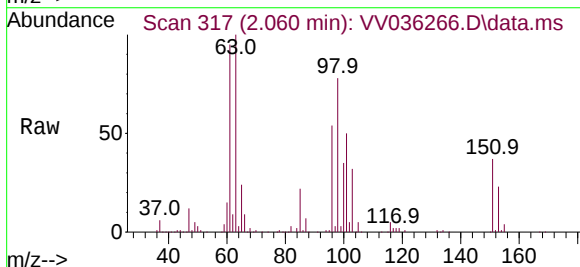
Tgt Ion: 96 Resp: 107223

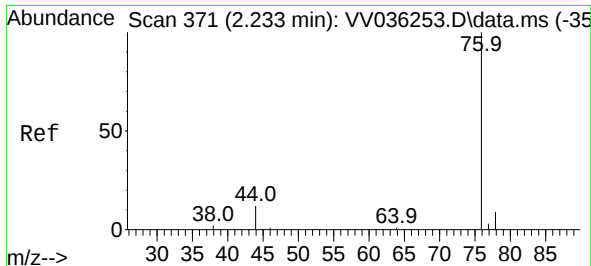
Ion Ratio Lower Upper

96 100

61 175.4 127.3 236.3

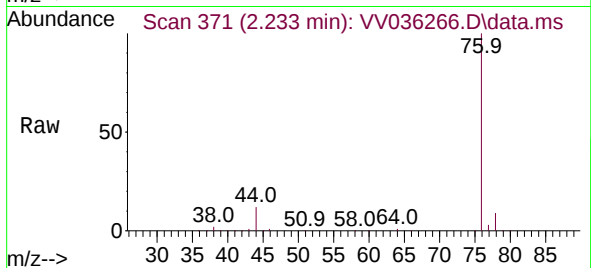
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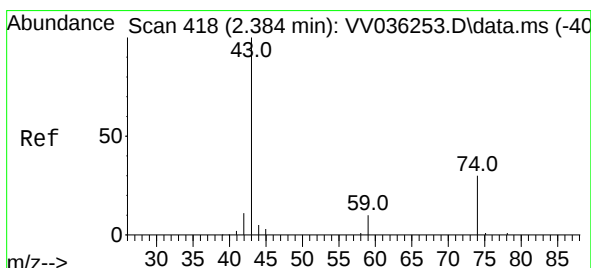
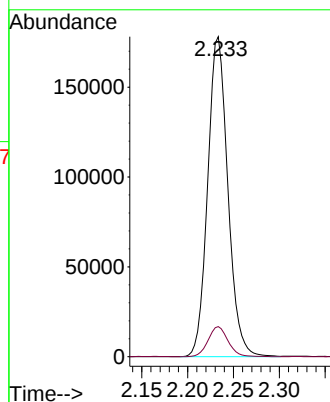
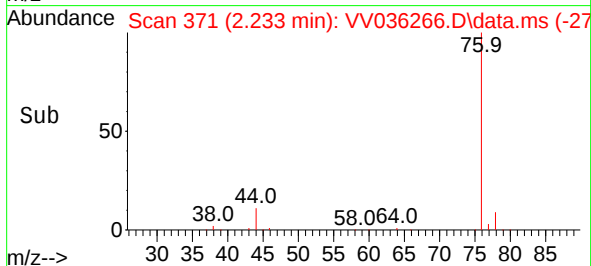


#14
Carbon disulfide
Concen: 11.656 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :

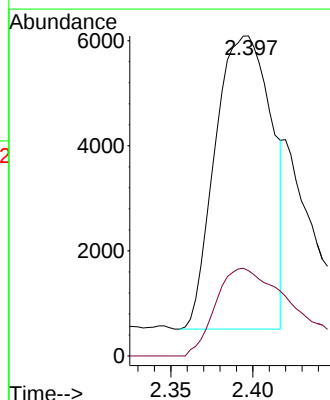
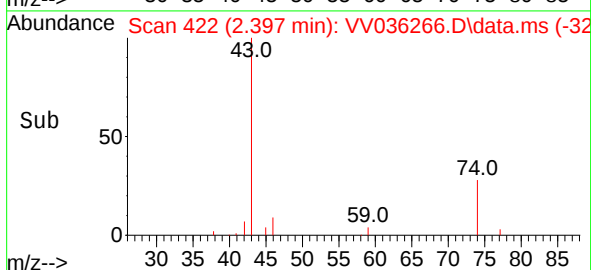
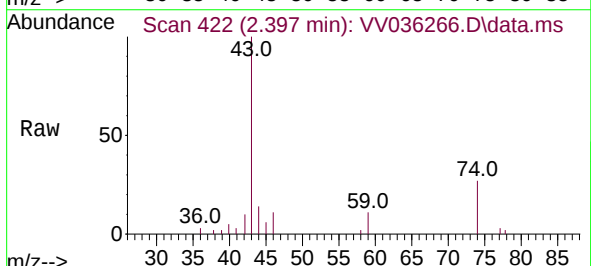


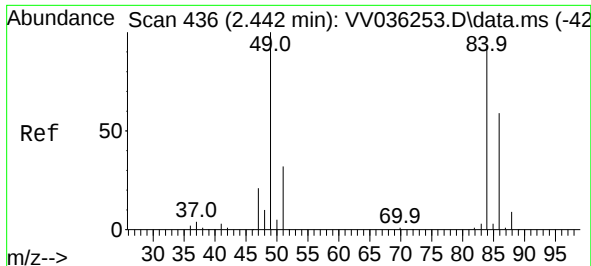
Tgt Ion: 76 Resp: 272688
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#15
Methyl Acetate
Concen: 3.867 ug/L
RT: 2.397 min Scan# 422
Delta R.T. 0.013 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

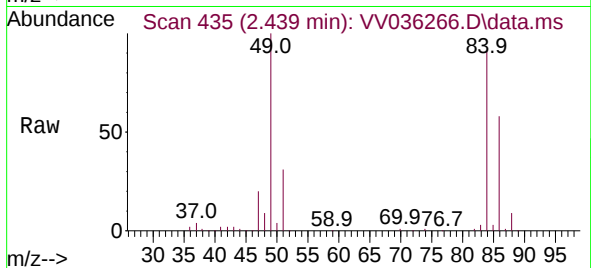
Tgt Ion: 43 Resp: 13286
Ion Ratio Lower Upper
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74 42.3 21.4 32.2#



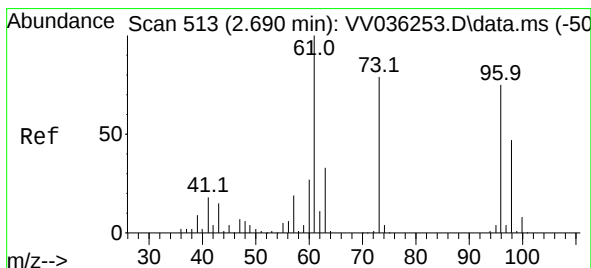
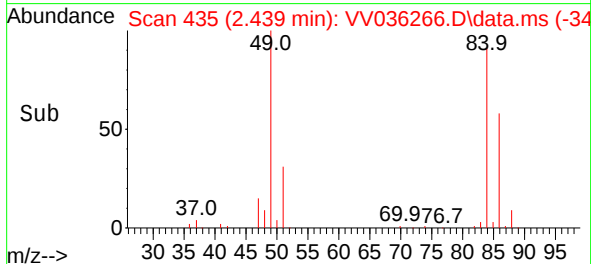
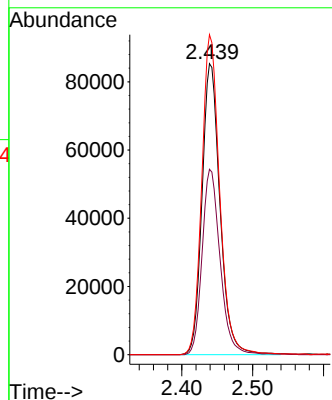


#16
Methylene chloride
Concen: 15.781 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :

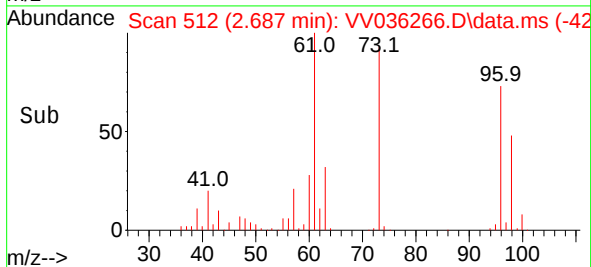
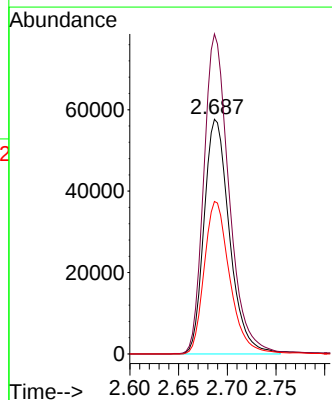
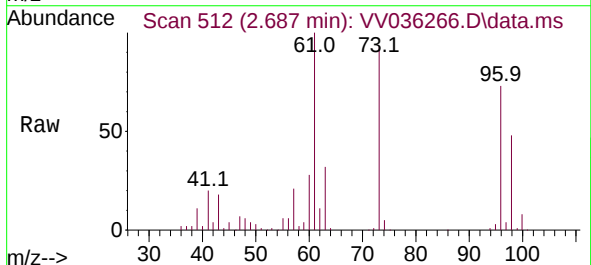


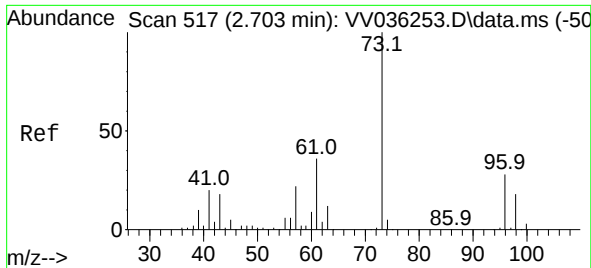
Tgt Ion: 84 Resp: 150226
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 109.9 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 14.637 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

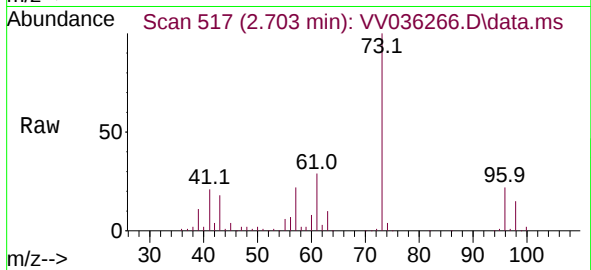
Tgt Ion: 96 Resp: 104747
Ion Ratio Lower Upper
96 100
61 136.4 99.4 184.6
98 65.0 44.9 83.3



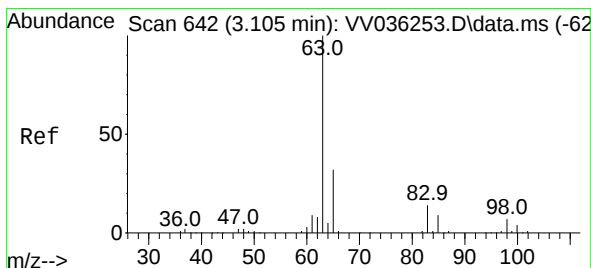
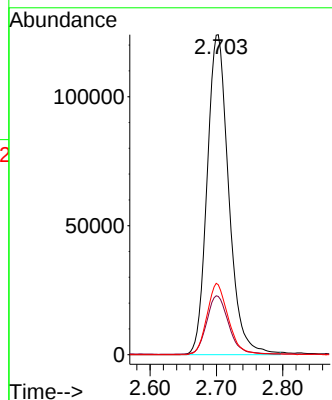
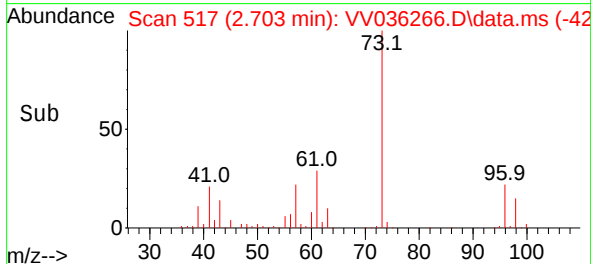


#18
Methyl tert-butyl Ether
Concen: 17.442 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

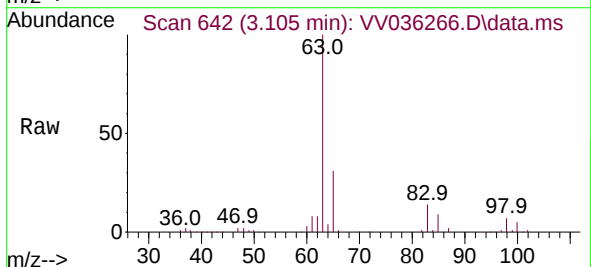
Instrument :
MSVOA_V
ClientSampleId :



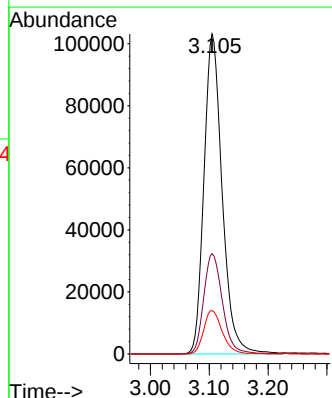
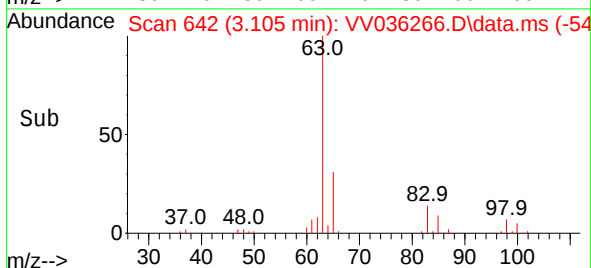
Tgt Ion: 73 Resp: 280210
Ion Ratio Lower Upper
73 100
43 18.4 14.3 21.5
57 22.0 17.8 26.6

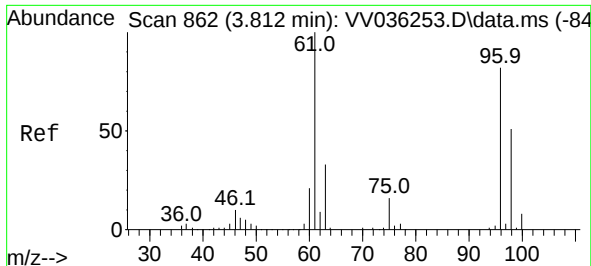


#19
1,1-Dichloroethane
Concen: 16.250 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



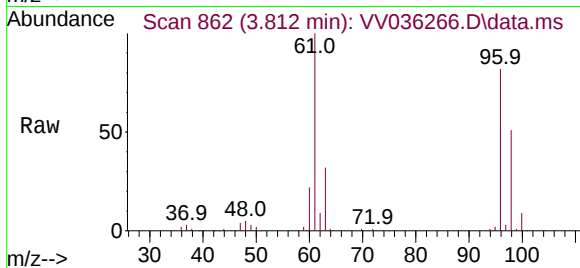
Tgt Ion: 63 Resp: 221458
Ion Ratio Lower Upper
63 100
65 31.4 22.4 41.6
83 13.6 9.2 17.0



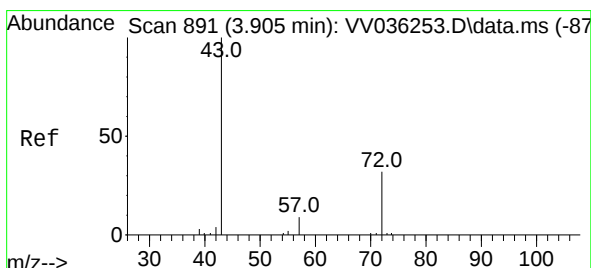
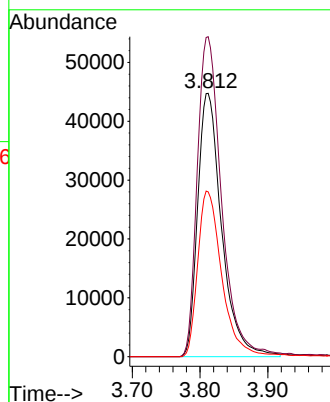
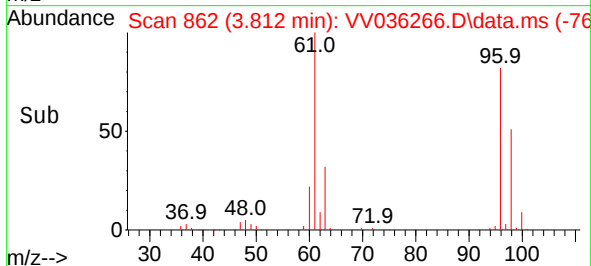


#20
cis-1,2-Dichloroethene
Concen: 15.294 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Instrument :
MSVOA_V
ClientSampleId :

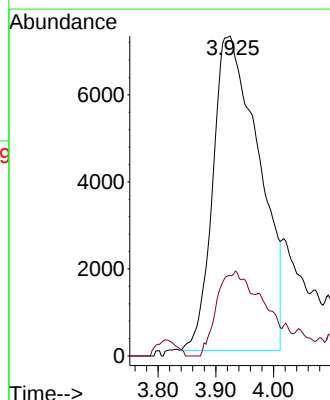
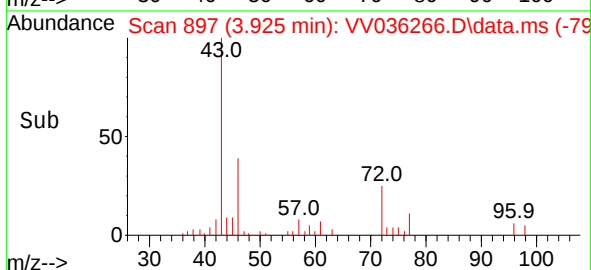
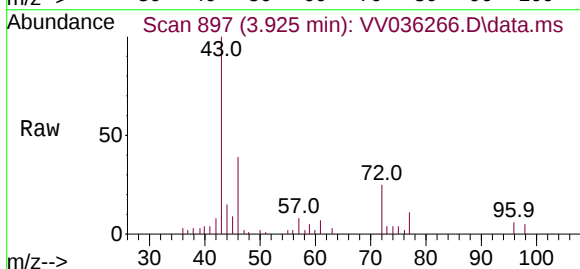


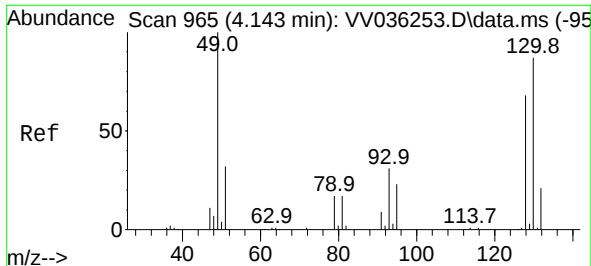
Tgt Ion: 96 Resp: 109973
Ion Ratio Lower Upper
96 100
61 121.5 87.9 163.3
98 62.5 44.4 82.5



#22
2-Butanone
Concen: 17.038 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.019 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

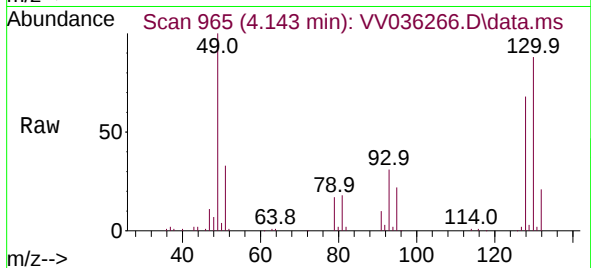
Tgt Ion: 43 Resp: 39964
Ion Ratio Lower Upper
43 100
72 0.3 8.2 24.4#



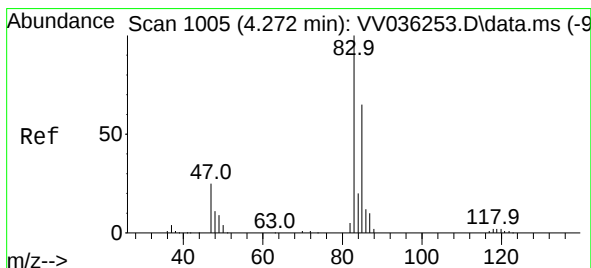
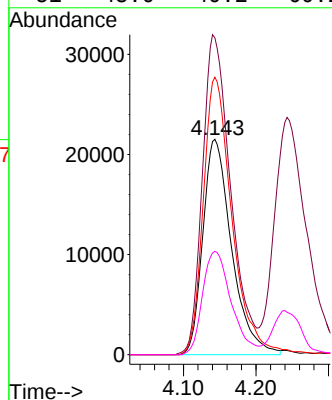
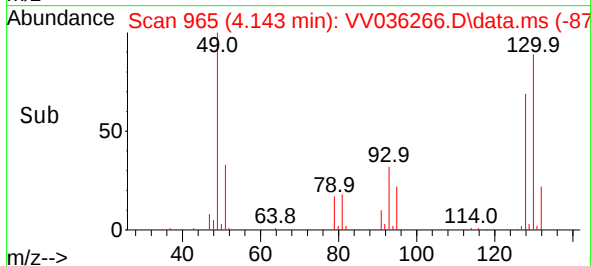


#23
Bromochloromethane
Concen: 16.433 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

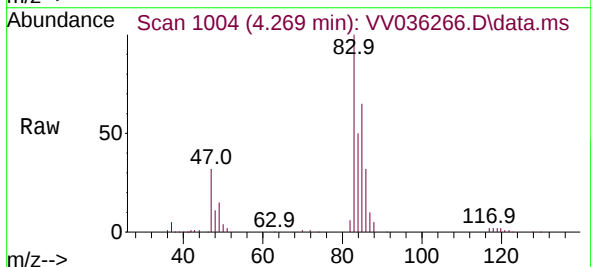
Instrument :
MSVOA_V
ClientSampleId :



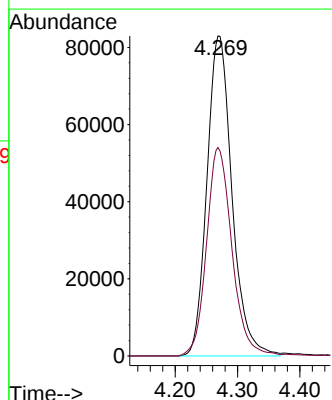
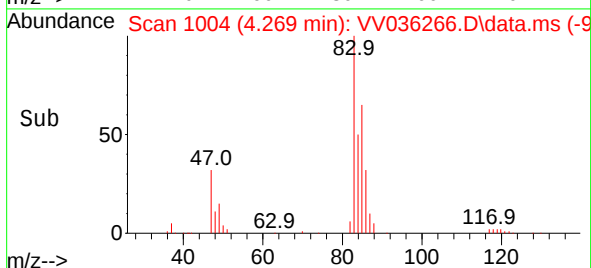
Tgt Ion:128 Resp: 59271
Ion Ratio Lower Upper
128 100
49 147.2 110.2 204.6
130 128.9 90.2 167.4
51 48.0 40.2 60.2

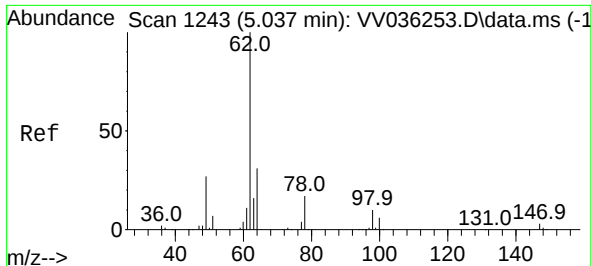


#25
Chloroform
Concen: 16.541 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion: 83 Resp: 231880
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0





#27

1,2-Dichloroethane

Concen: 16.196 ug/L

RT: 5.037 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

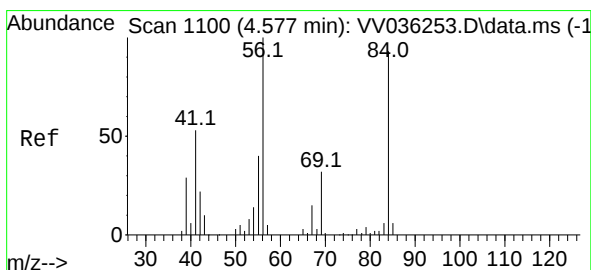
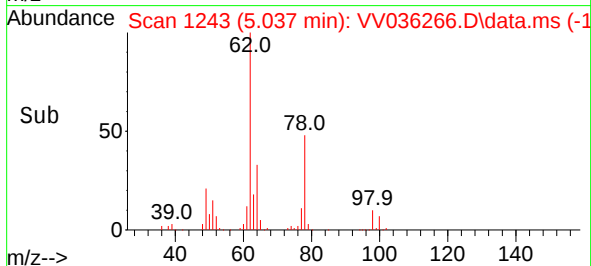
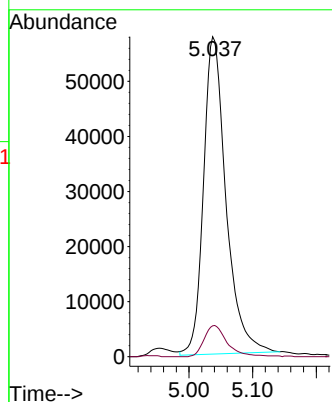
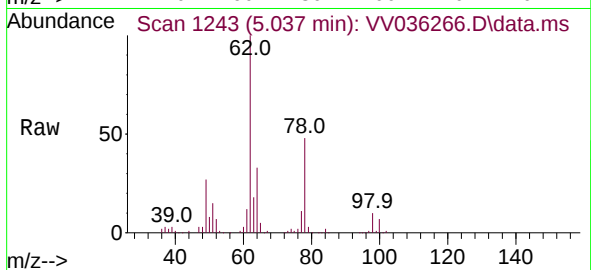
ClientSampleId :

Tgt Ion: 62 Resp: 141749

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6



#29

Cyclohexane

Concen: 14.043 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

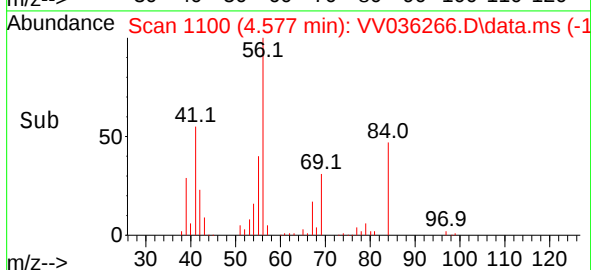
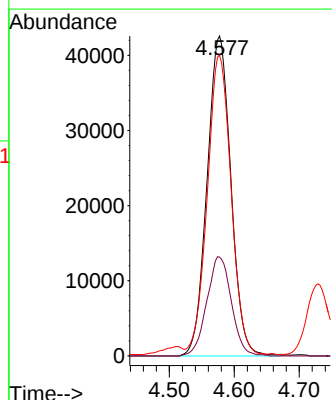
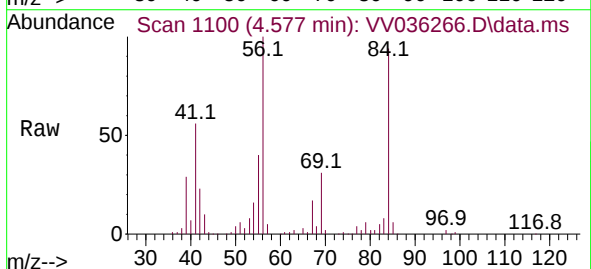
Tgt Ion: 56 Resp: 108560

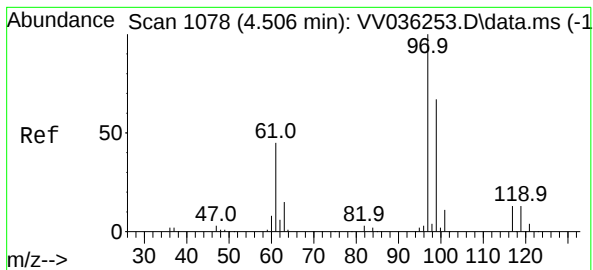
Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 93.1 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 20.497 ug/L

RT: 4.507 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

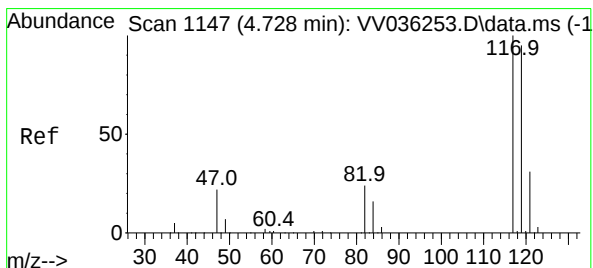
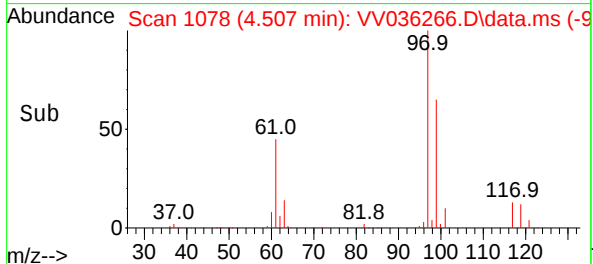
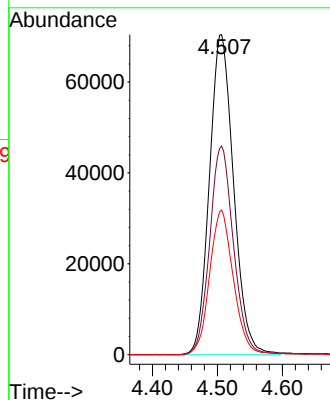
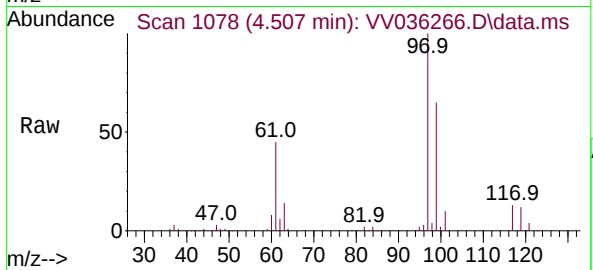
Tgt Ion: 97 Resp: 181931

Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 44.2 35.0 52.6



#31

Carbon tetrachloride

Concen: 18.831 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036266.D

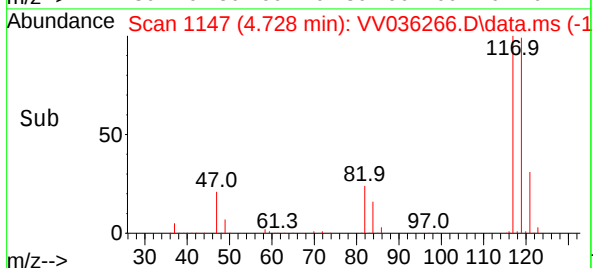
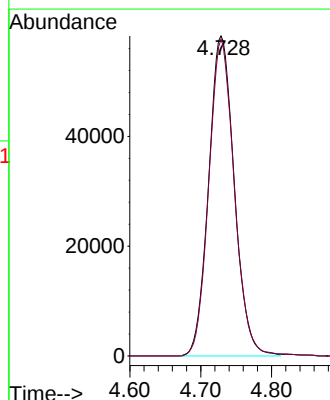
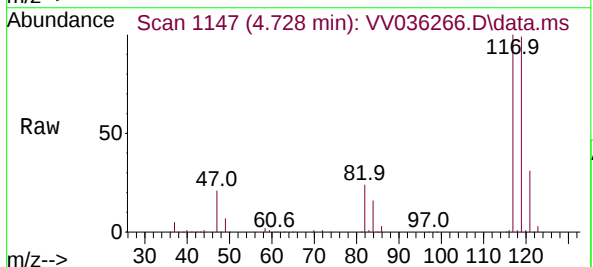
Acq: 25 Jun 2024 00:27

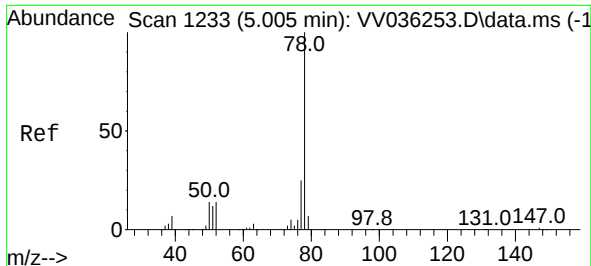
Tgt Ion:117 Resp: 146632

Ion Ratio Lower Upper

117 100

119 98.2 76.8 115.2





#33

Benzene

Concen: 20.903 ug/L

RT: 5.005 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VV036266.D

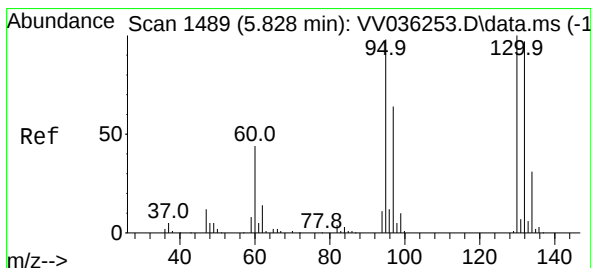
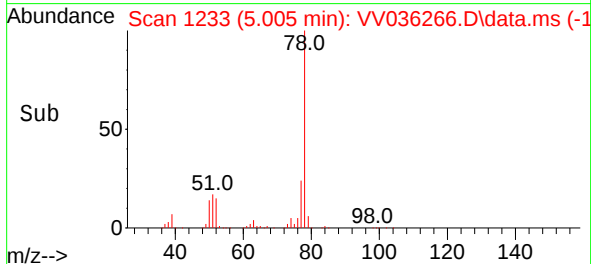
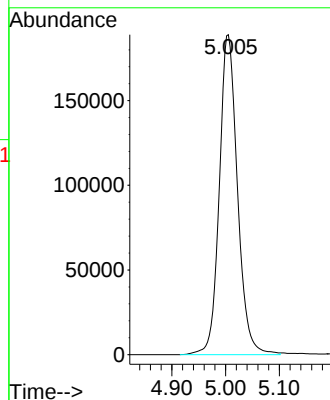
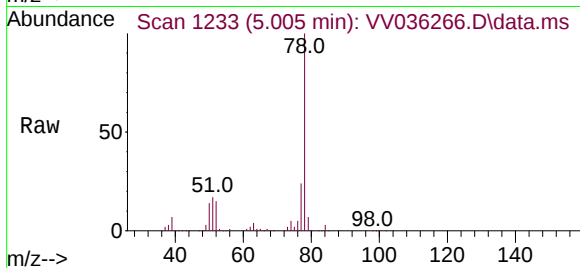
Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 443875



#34

Trichloroethene

Concen: 17.372 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Tgt Ion: 95 Resp: 113057

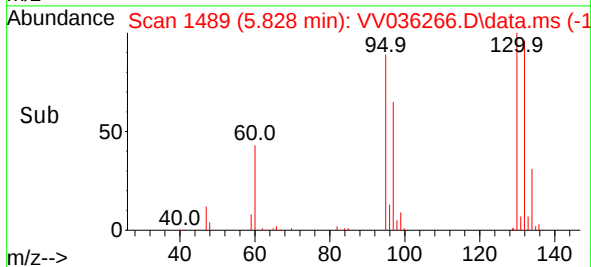
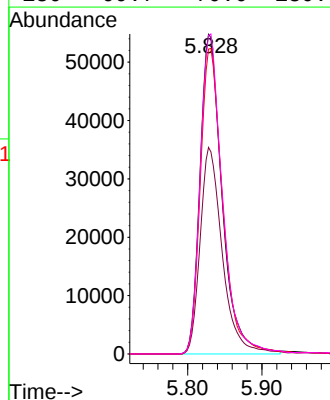
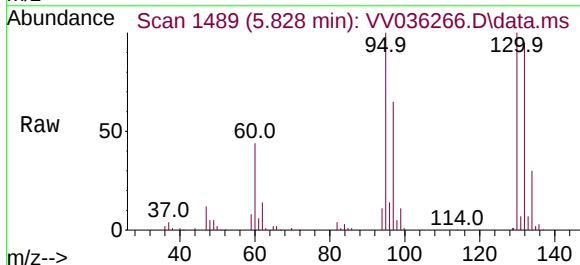
Ion Ratio Lower Upper

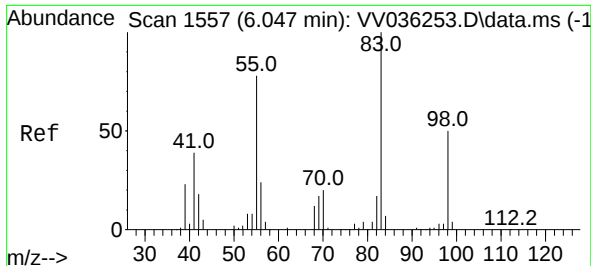
95 100

97 64.6 44.8 83.2

132 95.3 66.8 124.2

130 99.7 70.0 130.0





#35

Methylcyclohexane

Concen: 11.178 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

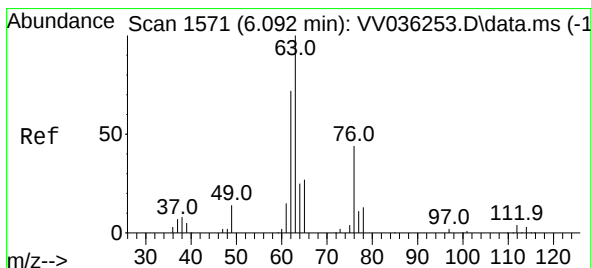
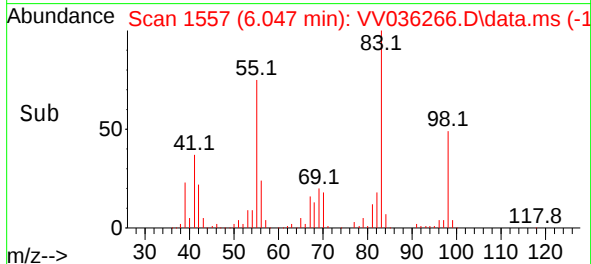
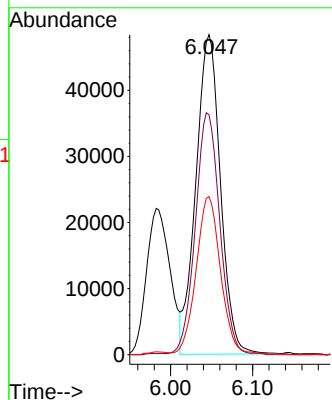
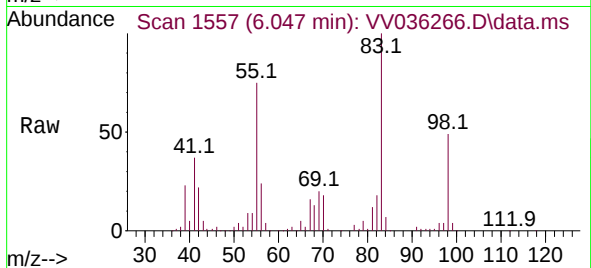
Tgt Ion: 83 Resp: 100603

Ion Ratio Lower Upper

83 100

55 74.7 60.7 91.1

98 49.2 38.7 58.1



#37

1,2-Dichloropropane

Concen: 20.810 ug/L

RT: 6.089 min Scan# 1570

Delta R.T. -0.003 min

Lab File: VV036266.D

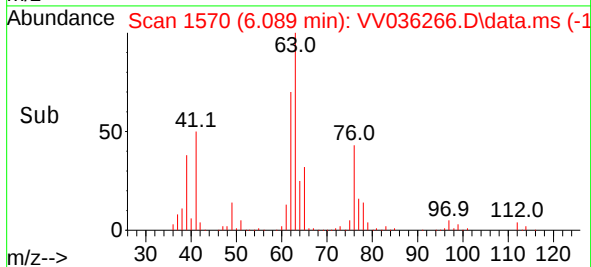
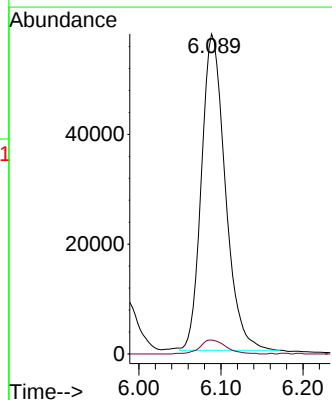
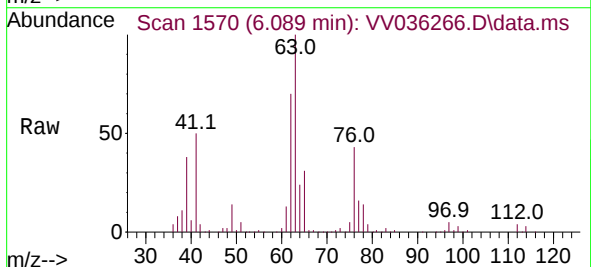
Acq: 25 Jun 2024 00:27

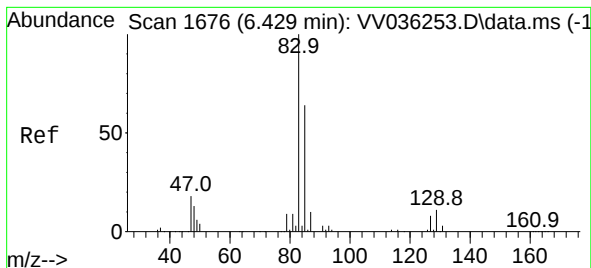
Tgt Ion: 63 Resp: 116030

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3





#38

Bromodichloromethane

Concen: 20.400 ug/L

RT: 6.429 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

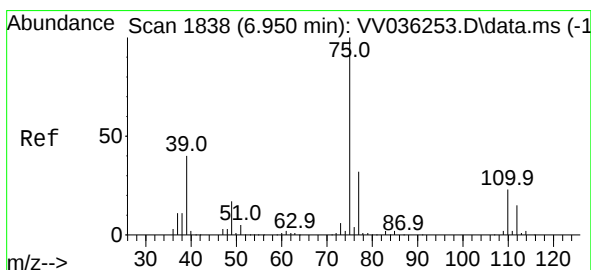
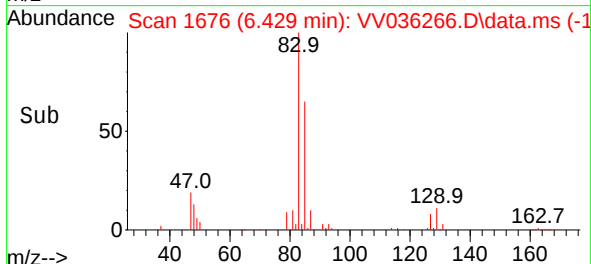
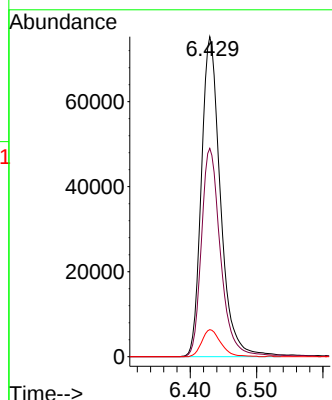
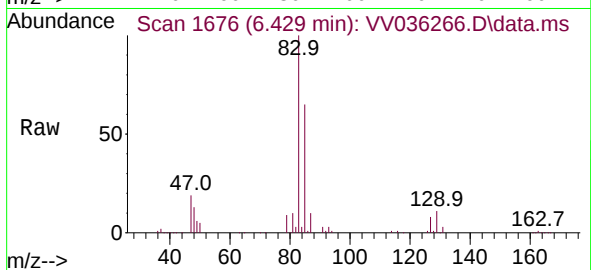
Tgt Ion: 83 Resp: 150552

Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1

127 8.5 6.7 10.1



#39

cis-1,3-Dichloropropene

Concen: 11.256 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV036266.D

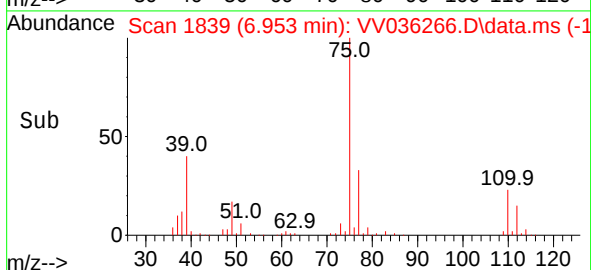
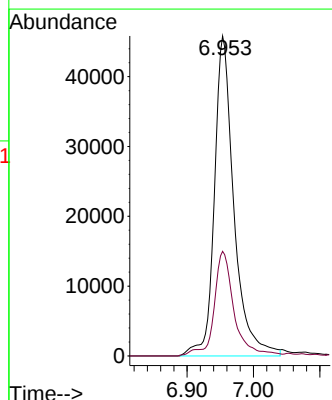
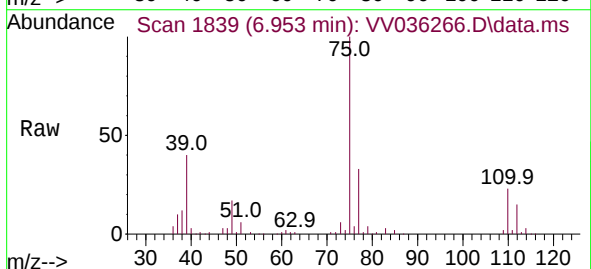
Acq: 25 Jun 2024 00:27

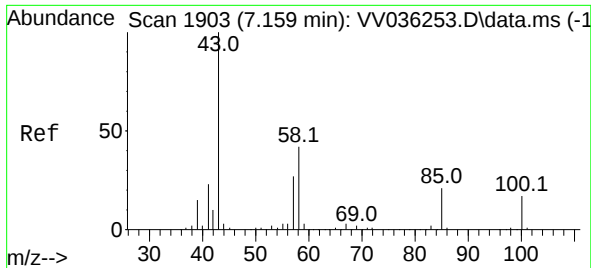
Tgt Ion: 75 Resp: 93866

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 33.085 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

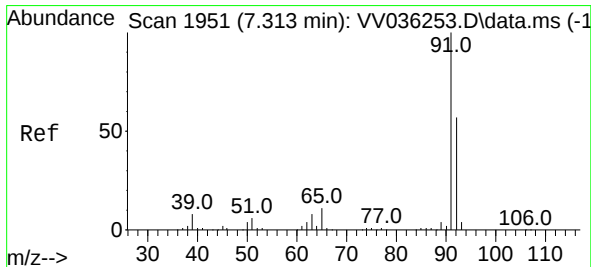
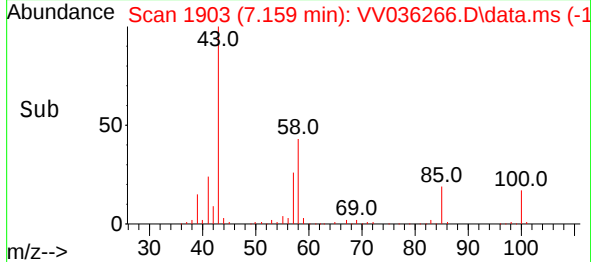
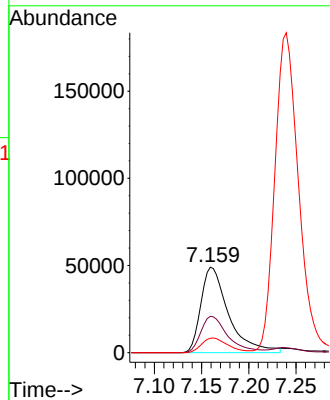
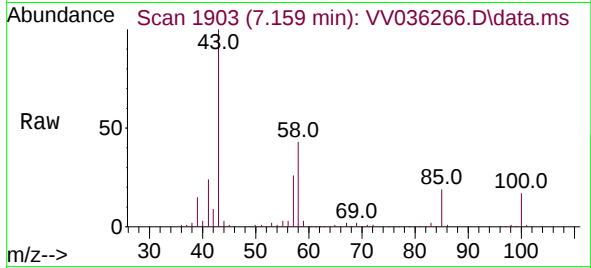
Tgt Ion: 43 Resp: 100225

Ion Ratio Lower Upper

43 100

58 41.2 32.5 48.7

100 16.4 12.5 18.7



#42

Toluene

Concen: 18.977 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VV036266.D

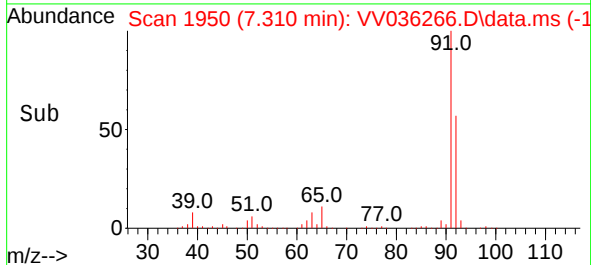
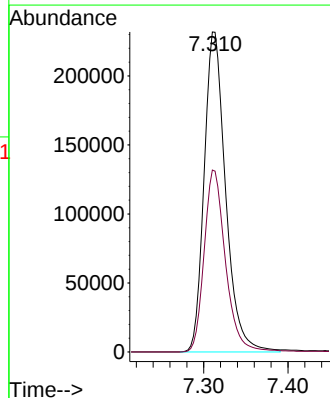
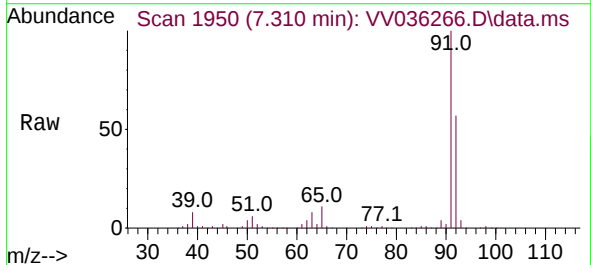
Acq: 25 Jun 2024 00:27

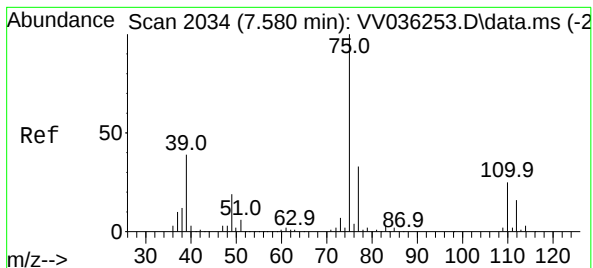
Tgt Ion: 91 Resp: 411759

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 11.922 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

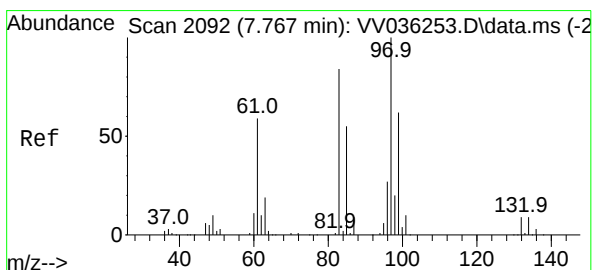
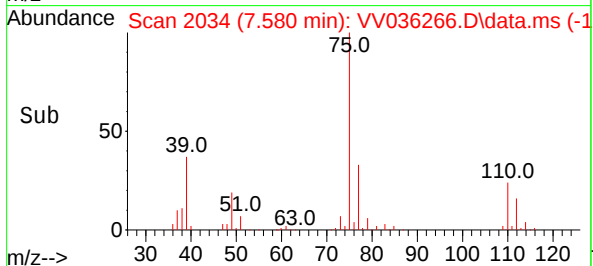
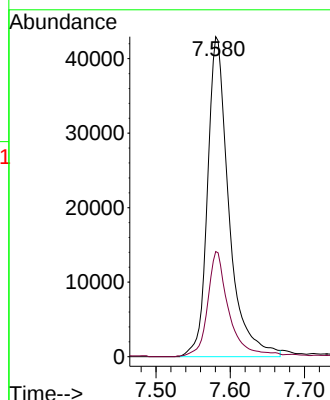
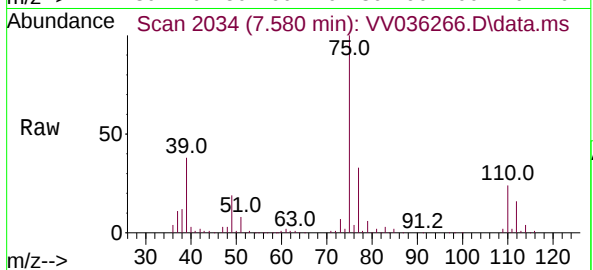
ClientSampleId :

Tgt Ion: 75 Resp: 85877

Ion Ratio Lower Upper

75 100

77 32.9 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 19.769 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Tgt Ion: 97 Resp: 91204

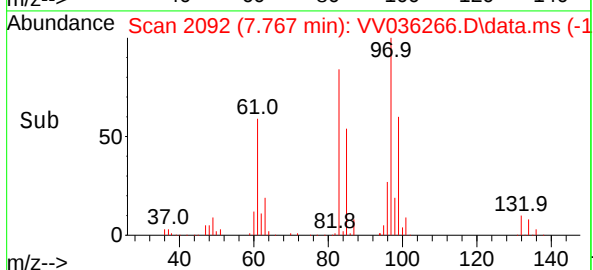
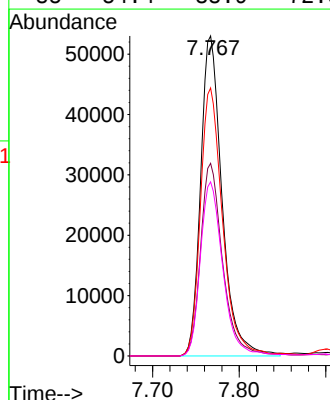
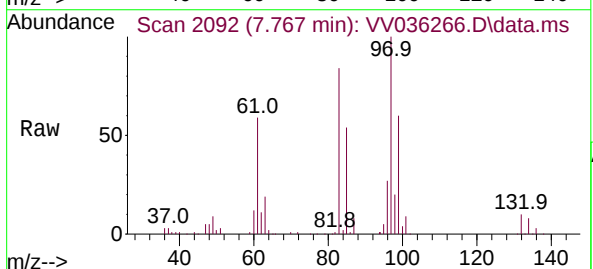
Ion Ratio Lower Upper

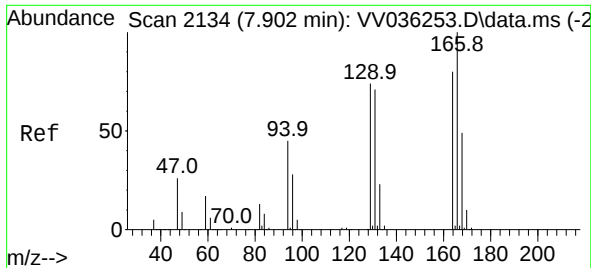
97 100

99 60.2 43.3 80.5

83 83.7 60.1 111.7

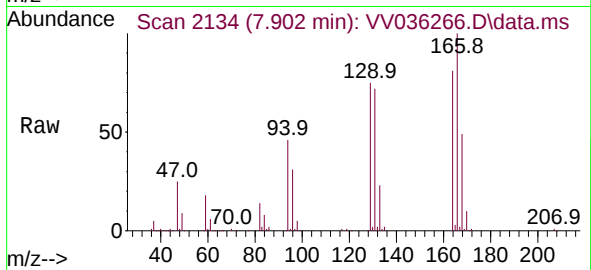
85 54.4 38.9 72.3



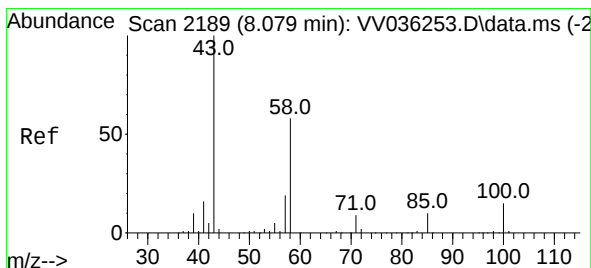
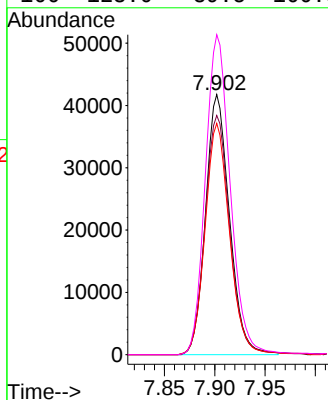
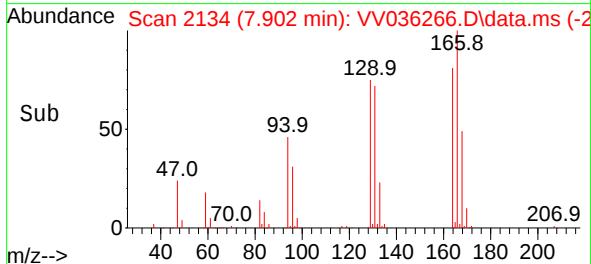


#46
Tetrachloroethene
Concen: 14.551 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

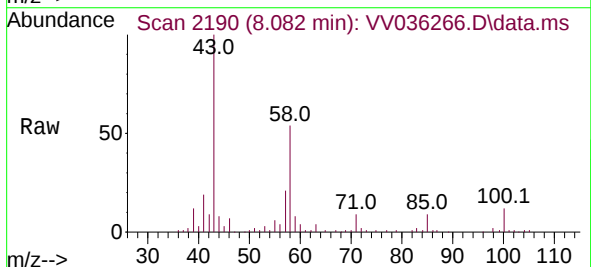
Instrument :
MSVOA_V
ClientSampleId :



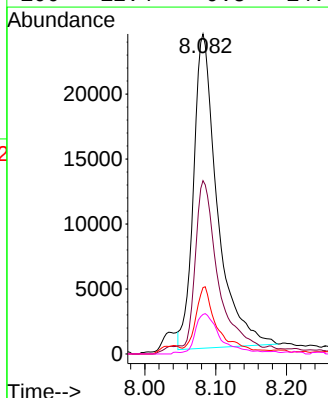
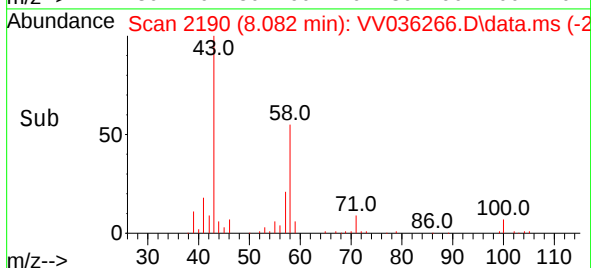
Tgt Ion:164 Resp: 69260
Ion Ratio Lower Upper
164 100
129 92.0 64.6 120.0
131 88.9 63.2 117.4
166 123.0 89.5 166.3

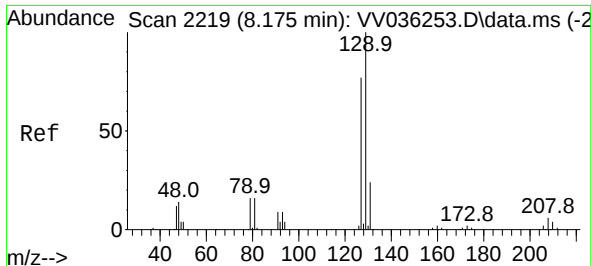


#48
2-Hexanone
Concen: 23.866 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27



Tgt Ion: 43 Resp: 56522
Ion Ratio Lower Upper
43 100
58 51.6 45.4 68.0
57 14.1 15.8 23.8#
100 12.4 9.8 14.8





#49

Dibromochloromethane

Concen: 18.167 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

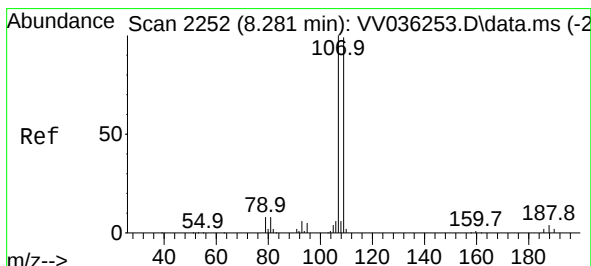
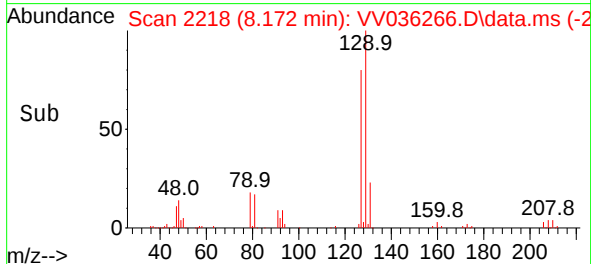
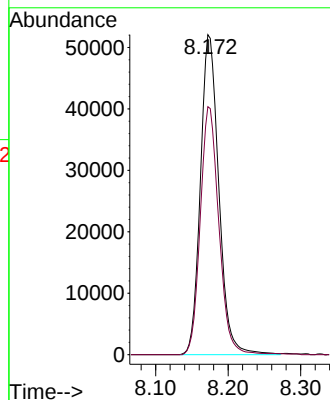
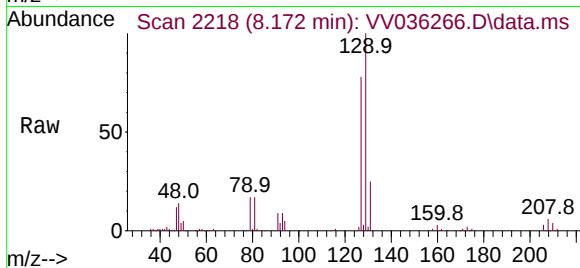
ClientSampleId :

Tgt Ion:129 Resp: 91729

Ion Ratio Lower Upper

129 100

127 77.5 53.9 100.1



#50

1,2-Dibromoethane

Concen: 15.710 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

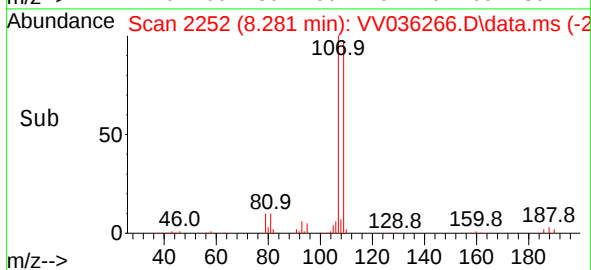
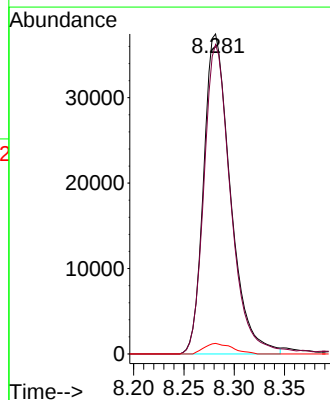
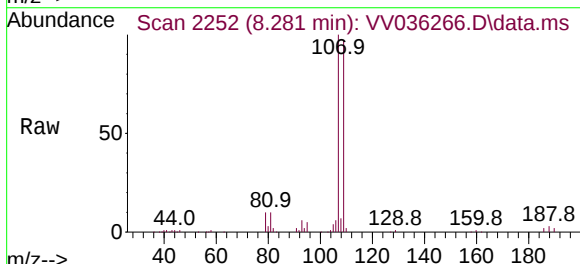
Tgt Ion:107 Resp: 69546

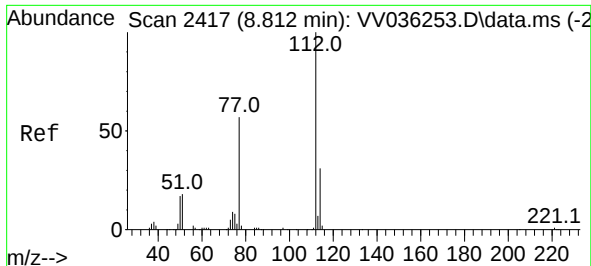
Ion Ratio Lower Upper

107 100

109 96.6 66.1 122.7

188 3.3 3.0 4.6





#51

Chlorobenzene

Concen: 15.206 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

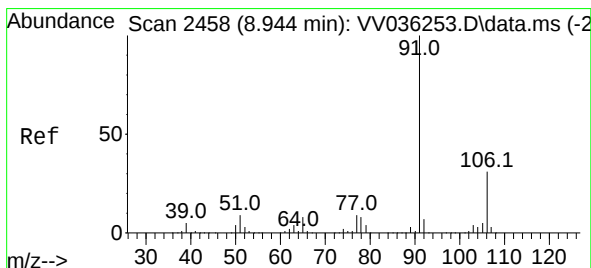
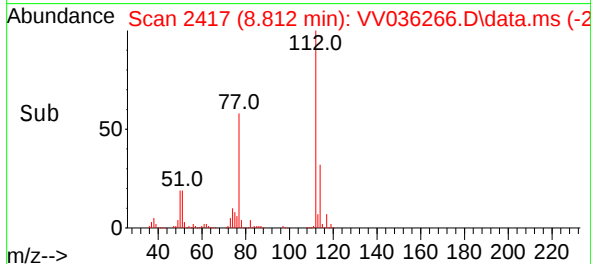
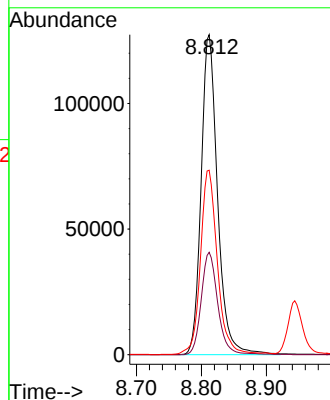
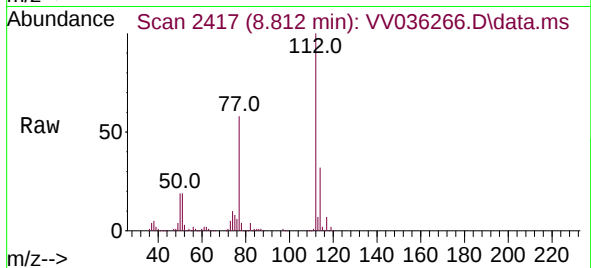
Tgt Ion:112 Resp: 224804

Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.5

77 57.6 47.3 70.9



#52

Ethylbenzene

Concen: 15.113 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV036266.D

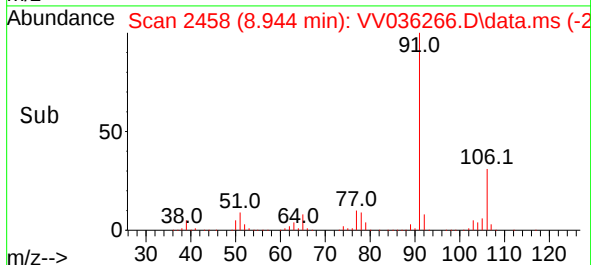
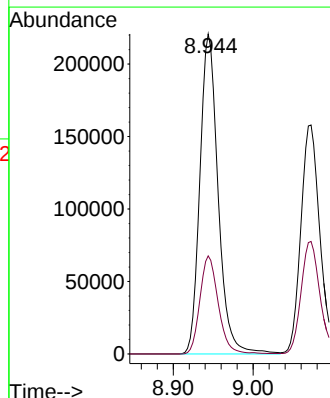
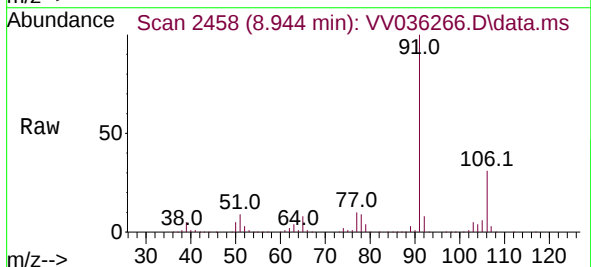
Acq: 25 Jun 2024 00:27

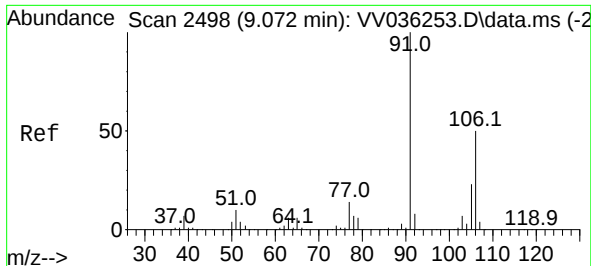
Tgt Ion: 91 Resp: 350839

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.0

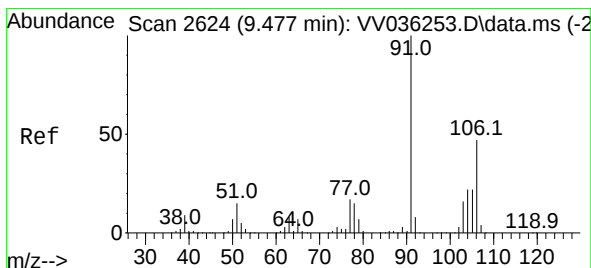
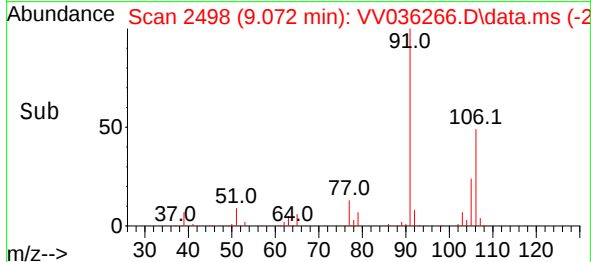
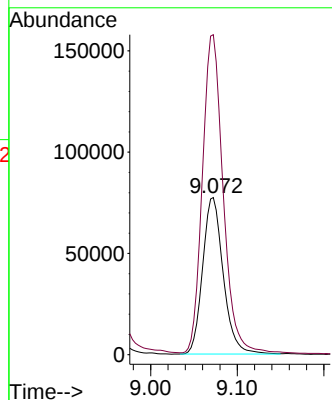
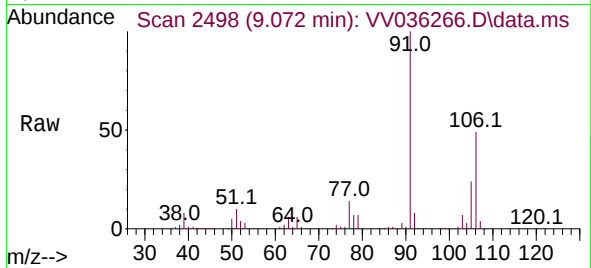




#53
m,p-Xylene
Concen: 14.665 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

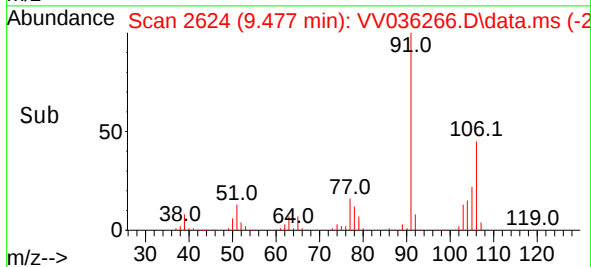
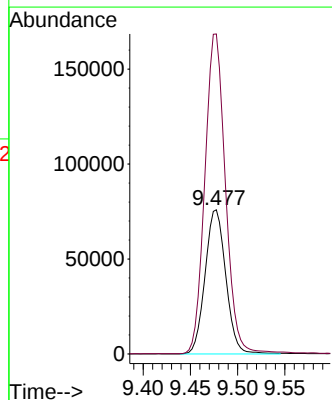
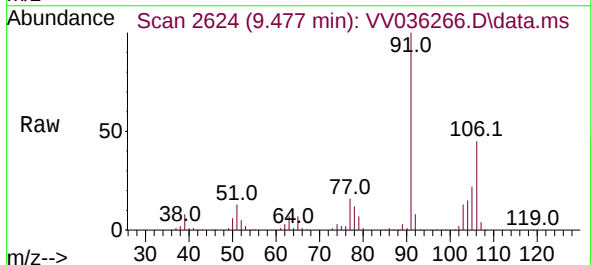
Instrument :
MSVOA_V
ClientSampleId :

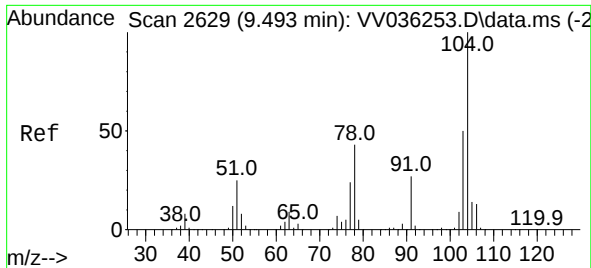
Tgt Ion:106 Resp: 127917
Ion Ratio Lower Upper
106 100
91 203.7 143.1 265.9



#54
o-Xylene
Concen: 14.107 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:106 Resp: 116043
Ion Ratio Lower Upper
106 100
91 222.0 154.5 286.9

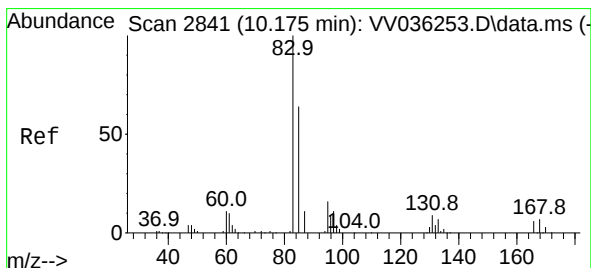
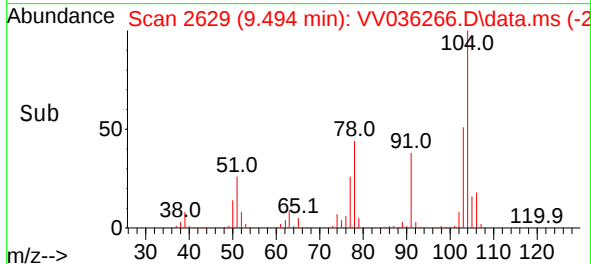
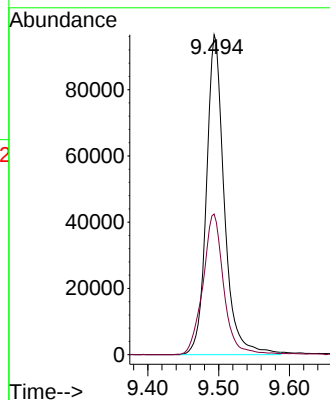
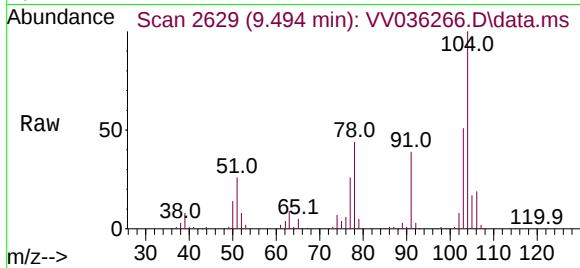




#55
Styrene
Concen: 11.663 ug/L
RT: 9.494 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

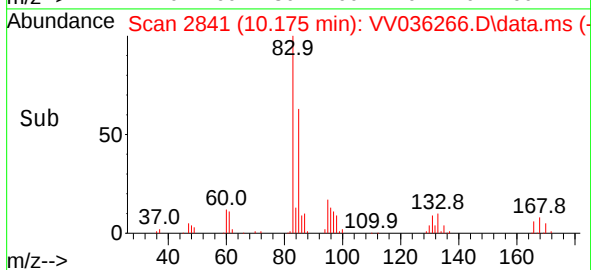
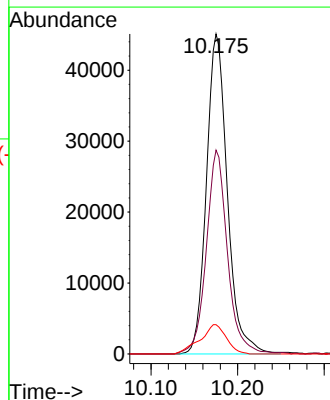
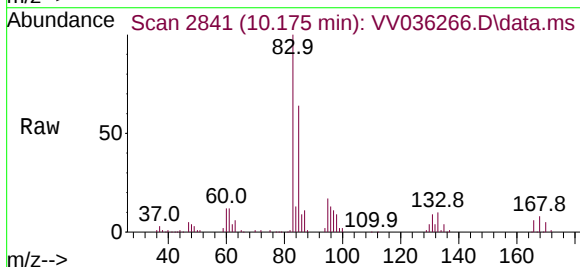
Instrument :
MSVOA_V
ClientSampleId :

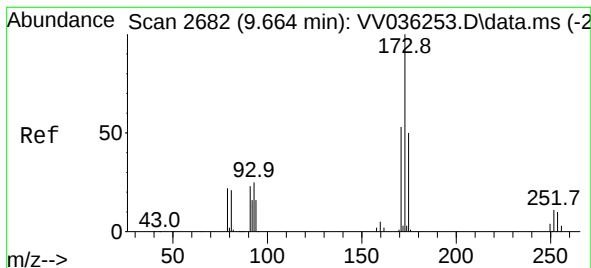
Tgt Ion:104 Resp: 169178
Ion Ratio Lower Upper
104 100
78 44.0 31.4 58.2



#57
1,1,2,2-Tetrachloroethane
Concen: 18.356 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion: 83 Resp: 75827
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 9.1 7.6 11.4





#59

Bromoform

Concen: 26.480 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

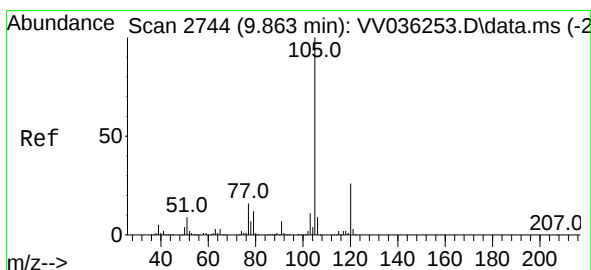
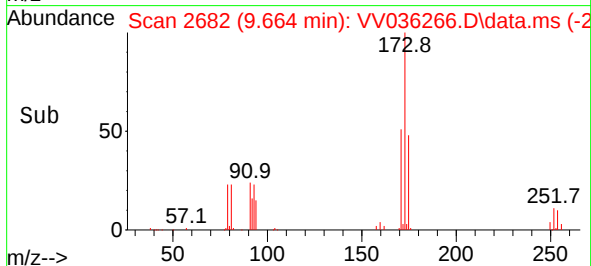
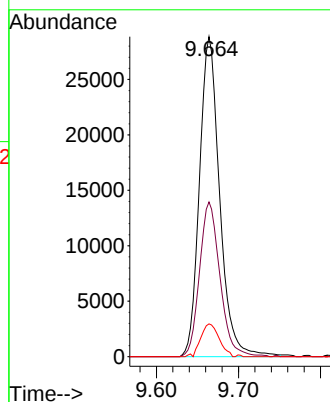
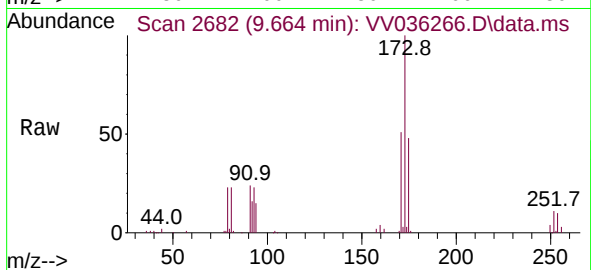
Tgt Ion:173 Resp: 49419

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 9.1 8.6 13.0



#60

Isopropylbenzene

Concen: 21.896 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

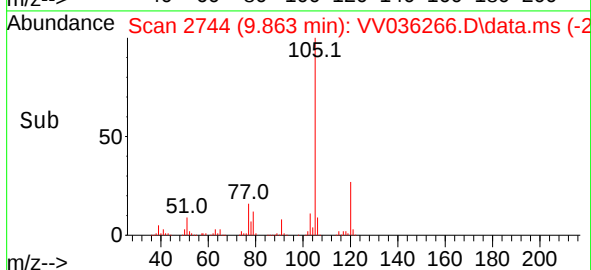
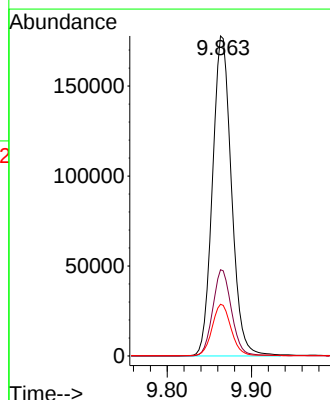
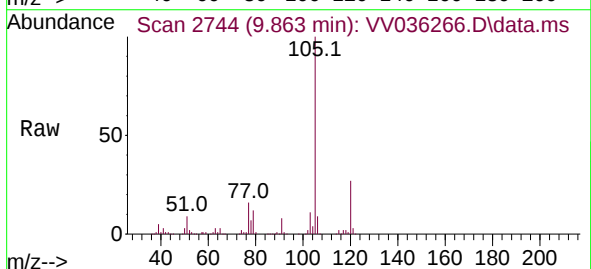
Tgt Ion:105 Resp: 277985

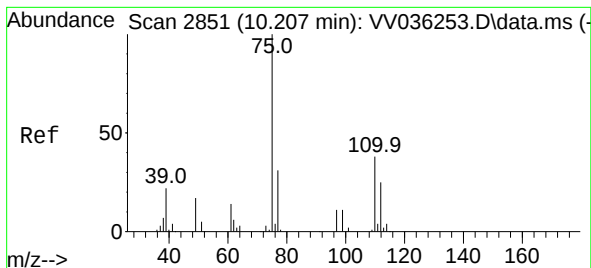
Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 15.9 12.6 18.8





#61

1,2,3-Trichloropropane

Concen: 30.240 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

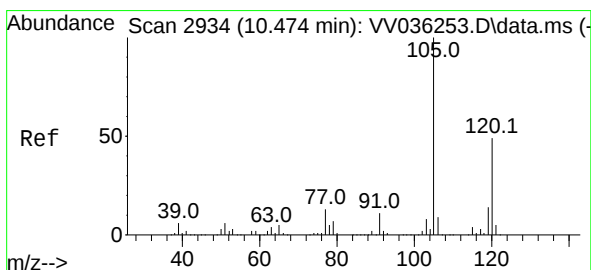
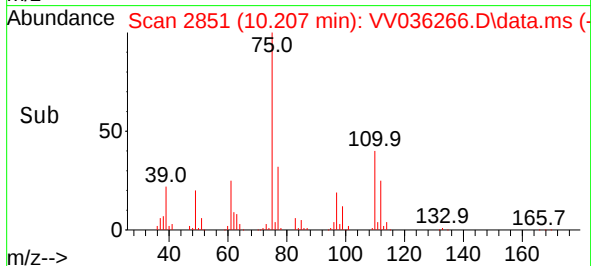
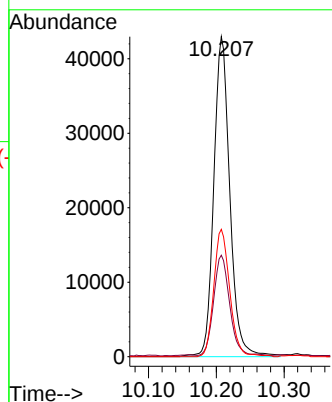
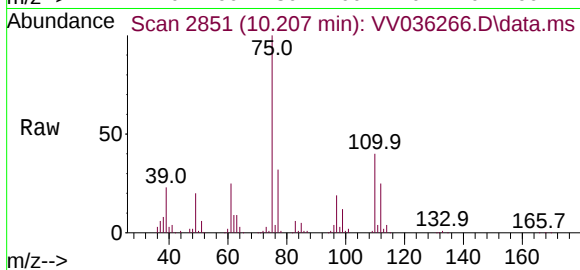
Tgt Ion: 75 Resp: 70775

Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0

110 39.0 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 16.831 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036266.D

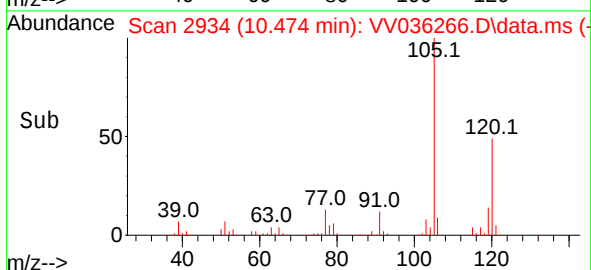
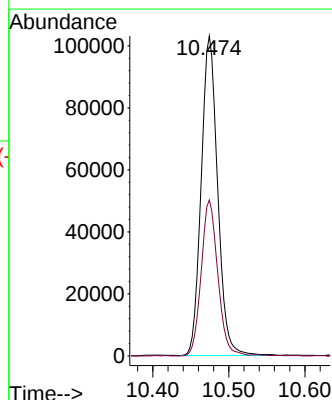
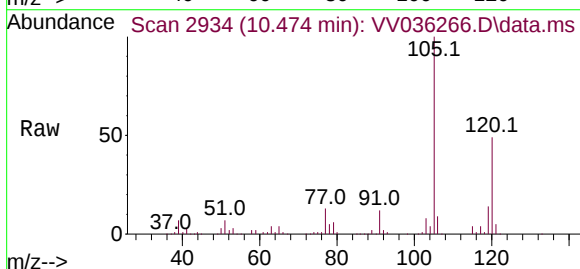
Acq: 25 Jun 2024 00:27

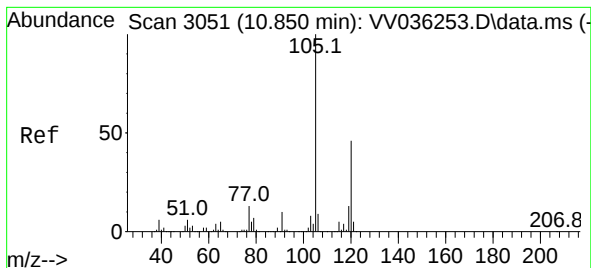
Tgt Ion:105 Resp: 154951

Ion Ratio Lower Upper

105 100

120 49.1 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 16.467 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

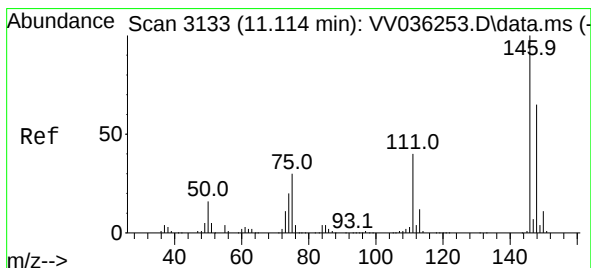
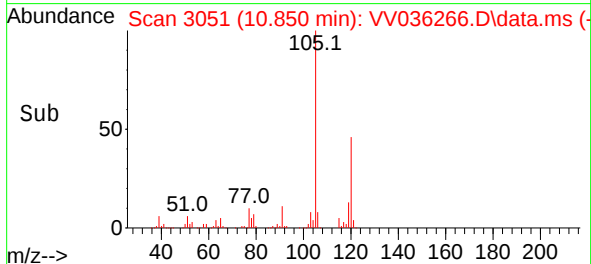
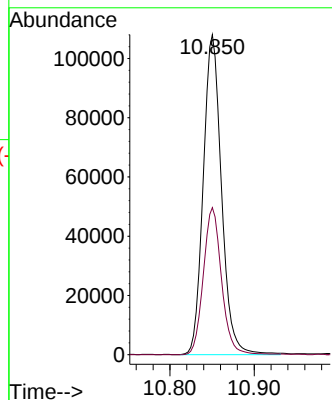
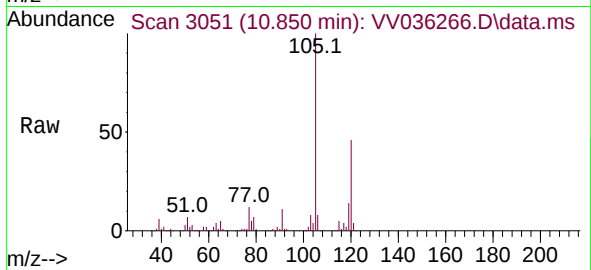
ClientSampleId :

Tgt Ion:105 Resp: 163337

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 15.176 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

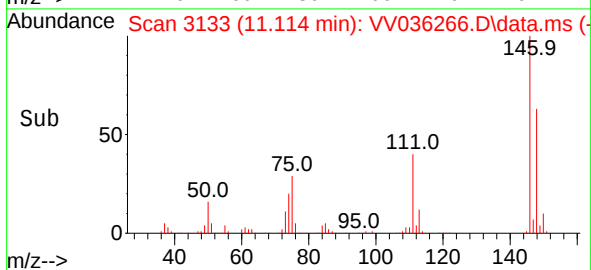
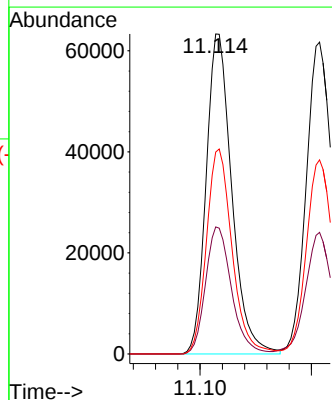
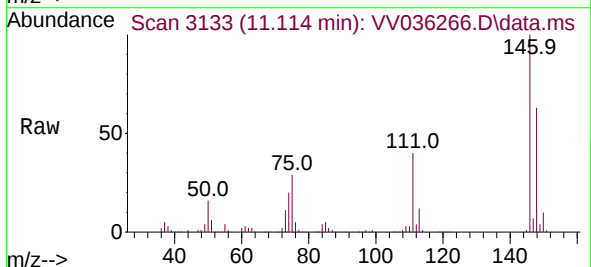
Tgt Ion:146 Resp: 101185

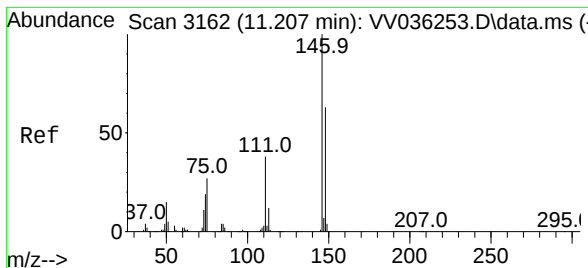
Ion Ratio Lower Upper

146 100

111 39.7 28.1 52.1

148 63.1 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 15.236 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

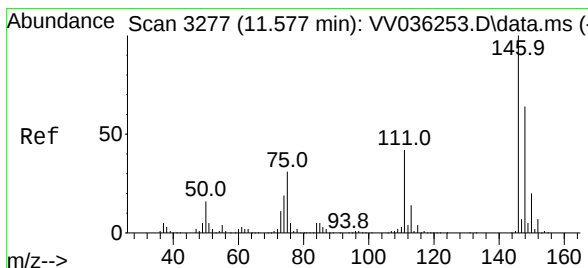
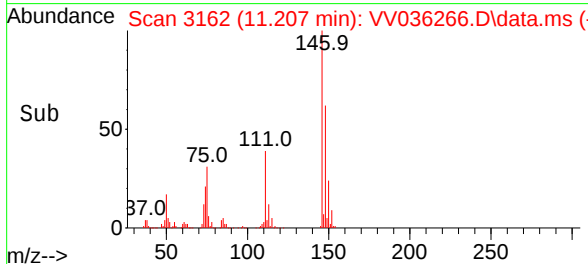
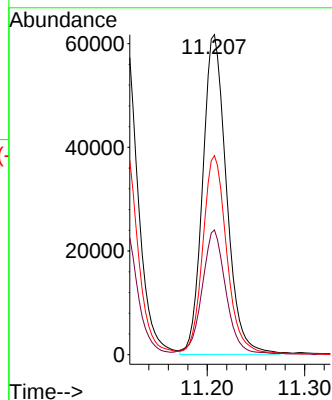
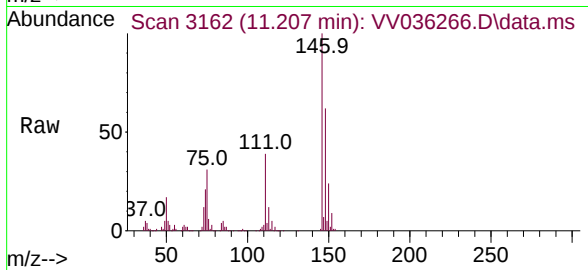
Tgt Ion:146 Resp: 104850

Ion Ratio Lower Upper

146 100

111 39.0 26.9 50.1

148 62.2 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 14.616 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

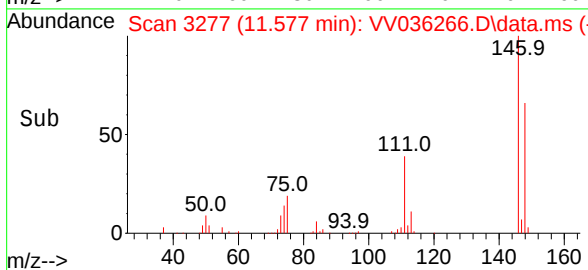
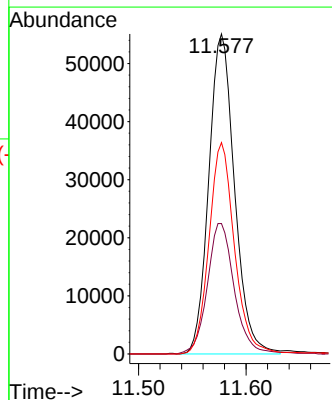
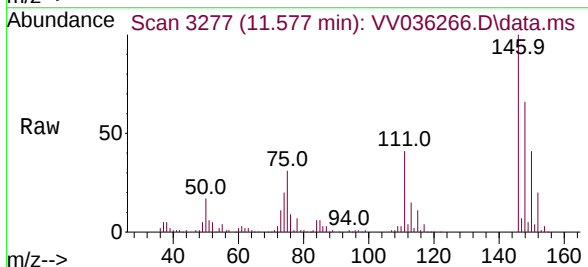
Tgt Ion:146 Resp: 91702

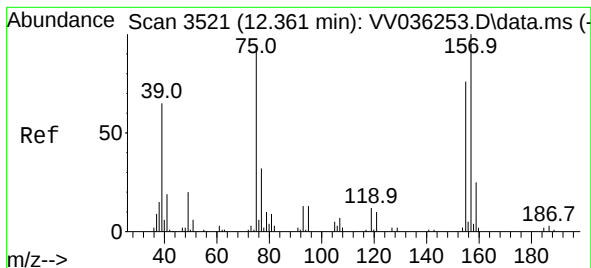
Ion Ratio Lower Upper

146 100

111 40.7 33.5 50.3

148 66.0 50.9 76.3

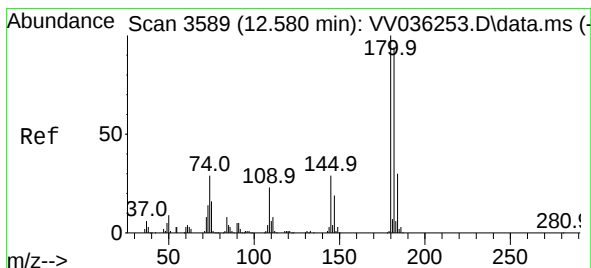
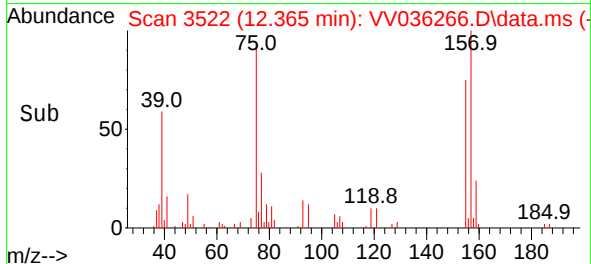
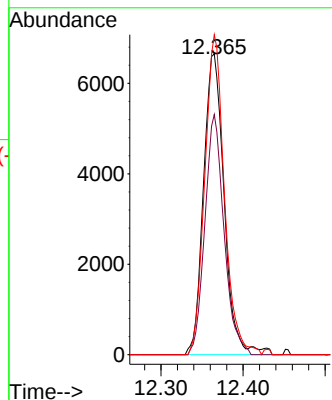
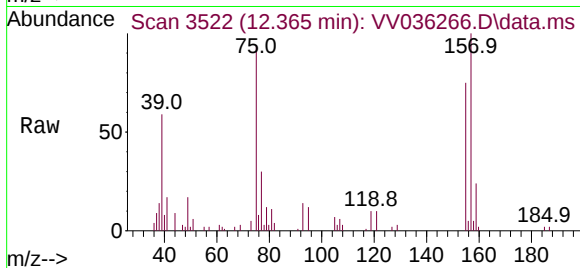




#68
1,2-Dibromo-3-chloropropane
Concen: 22.157 ug/L
RT: 12.365 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

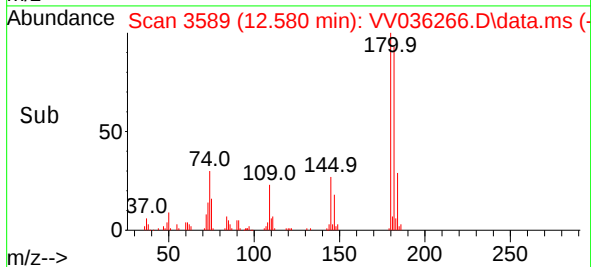
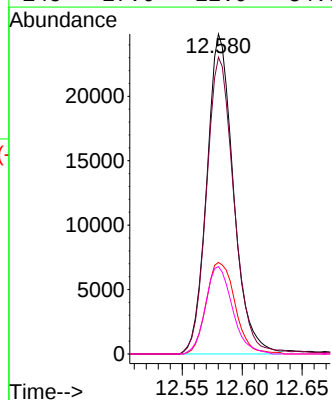
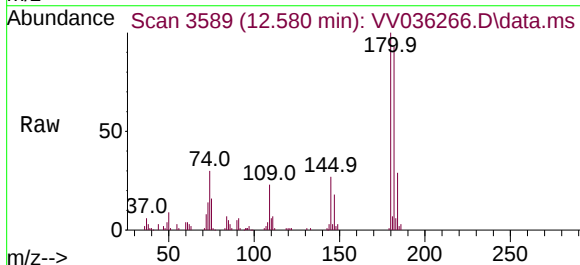
Instrument :
MSVOA_V
ClientSampleId :

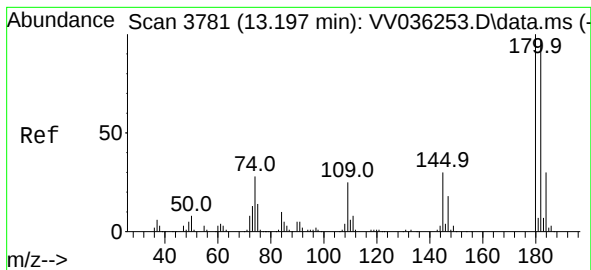
Tgt Ion:	75	Resp:	11596
Ion Ratio	Lower	Upper	
75	100		
155	79.8	63.3	94.9
157	106.4	82.4	123.6



#69
1,3,5-Trichlorobenzene
Concen: 7.687 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VV036266.D
Acq: 25 Jun 2024 00:27

Tgt Ion:	180	Resp:	38340
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.2	114.4
184	30.9	24.2	36.2
145	27.6	22.9	34.3





#70

1,2,4-trichlorobenzene

Concen: 5.855 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

Instrument :

MSVOA_V

ClientSampleId :

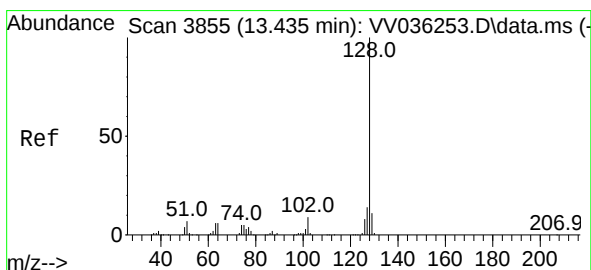
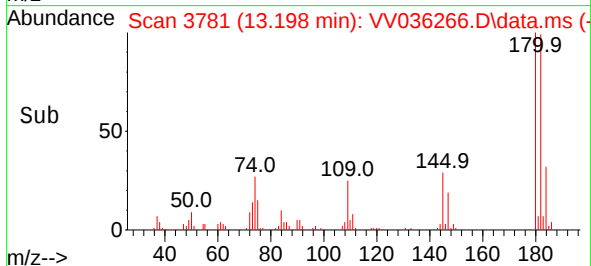
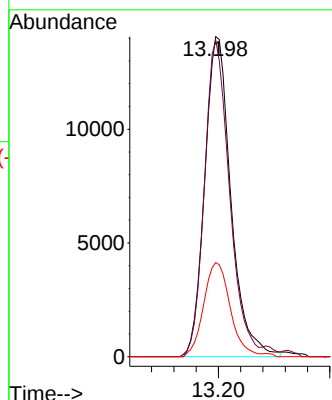
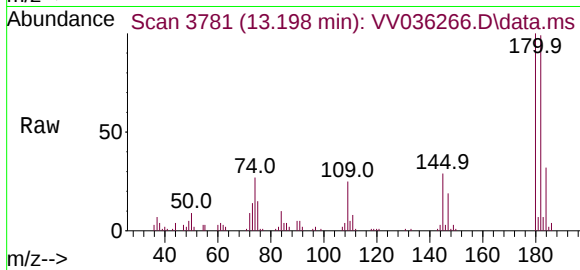
Tgt Ion:180 Resp: 22992

Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

145 29.7 23.5 35.3



#71

Naphthalene

Concen: 7.916 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV036266.D

Acq: 25 Jun 2024 00:27

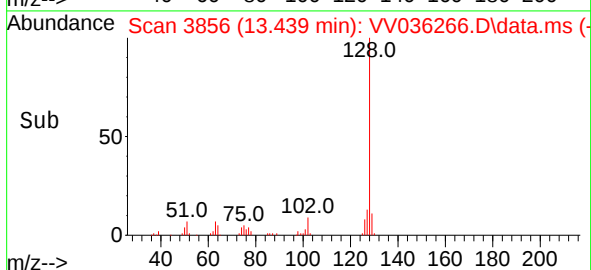
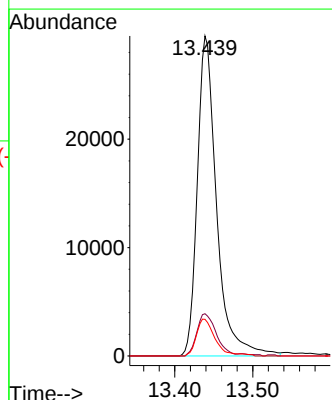
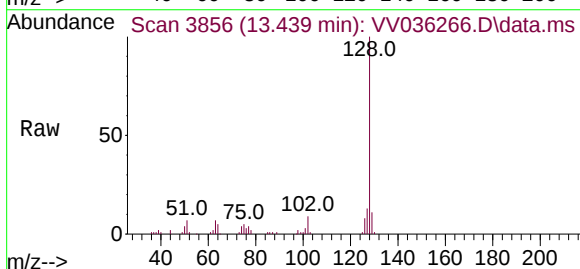
Tgt Ion:128 Resp: 50727

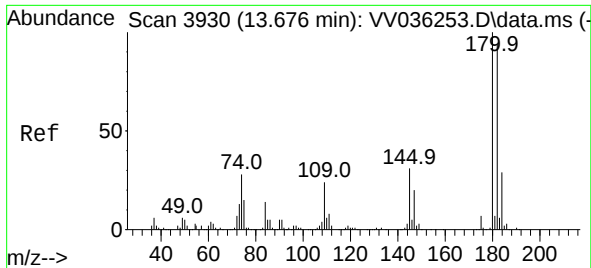
Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

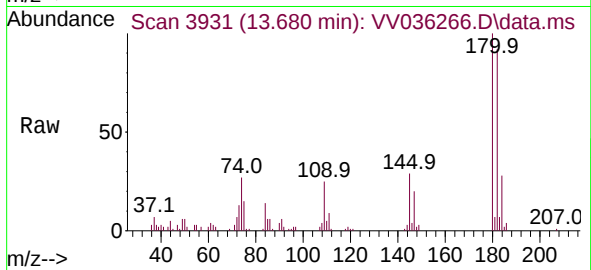
129 11.2 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 5.138 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV036266.D
 Acq: 25 Jun 2024 00:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	18412
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.1	112.7
145	30.4	25.2	37.8

