

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036623.D
 Acq On : 22 Jul 2024 10:29
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:27:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	438180	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	435440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	257184	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	413854	86.235	ug/L	0.00
7) Chloroethane-d5	1.526	69	384016	88.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.047	65	212448	83.721	ug/L	0.00
21) 2-Butanone-d5	3.815	46	231290	221.726	ug/L	-0.04
24) Chloroform-d	4.240	84	1055164	91.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	533695	93.349	ug/L	0.00
32) Benzene-d6	4.950	84	1919312	93.001	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	555761	90.532	ug/L	0.00
41) Toluene-d8	7.236	98	1924320	97.709	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	268119	102.568	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	196829	254.002	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	497307	97.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	835065	93.014	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	726048	97.704	ug/L	100
3) Chloromethane	1.211	50	562614	98.408	ug/L	99
5) Vinyl chloride	1.275	62	711019	100.567	ug/L	99
6) Bromomethane	1.481	94	556671	98.476	ug/L	99
8) Chloroethane	1.542	64	446691	97.491	ug/L	100
9) Trichlorofluoromethane	1.706	101	1181744	96.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	722505	94.592	ug/L	100
12) 1,1-Dichloroethene	2.060	96	655238	96.931	ug/L	98
13) Acetone	2.156	43	282864	162.824	ug/L	98
14) Carbon disulfide	2.230	76	1941346	103.473	ug/L	100
15) Methyl Acetate	2.381	43	201810	95.077	ug/L	99
16) Methylene chloride	2.439	84	648031	79.484	ug/L	96
17) trans-1,2-Dichloroethene	2.683	96	683035	100.052	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	1503268	104.988	ug/L	100
19) 1,1-Dichloroethane	3.101	63	1052504	98.267	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	744877	104.477	ug/L	99
22) 2-Butanone	3.896	43	306057	219.376	ug/L	93
23) Bromochloromethane	4.137	128	371888	99.001	ug/L	98
25) Chloroform	4.265	83	1240714	95.966	ug/L	100
27) 1,2-Dichloroethane	5.034	62	782240	100.832	ug/L	98
29) Cyclohexane	4.574	56	863532	111.231	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1113556	98.848	ug/L	99
31) Carbon tetrachloride	4.725	117	1039026	98.719	ug/L	100
33) Benzene	5.002	78	2480077	100.292	ug/L	100
34) Trichloroethene	5.825	95	807193	99.746	ug/L	99
35) Methylcyclohexane	6.043	83	1171113	108.684	ug/L	99
37) 1,2-Dichloropropane	6.085	63	590766	103.807	ug/L	99
38) Bromodichloromethane	6.426	83	906061	97.648	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	1072821	111.566	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	594340	229.187	ug/L	98
42) Toluene	7.310	91	2889959	105.513	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	930460	111.797	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036623.D
 Acq On : 22 Jul 2024 10:29
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

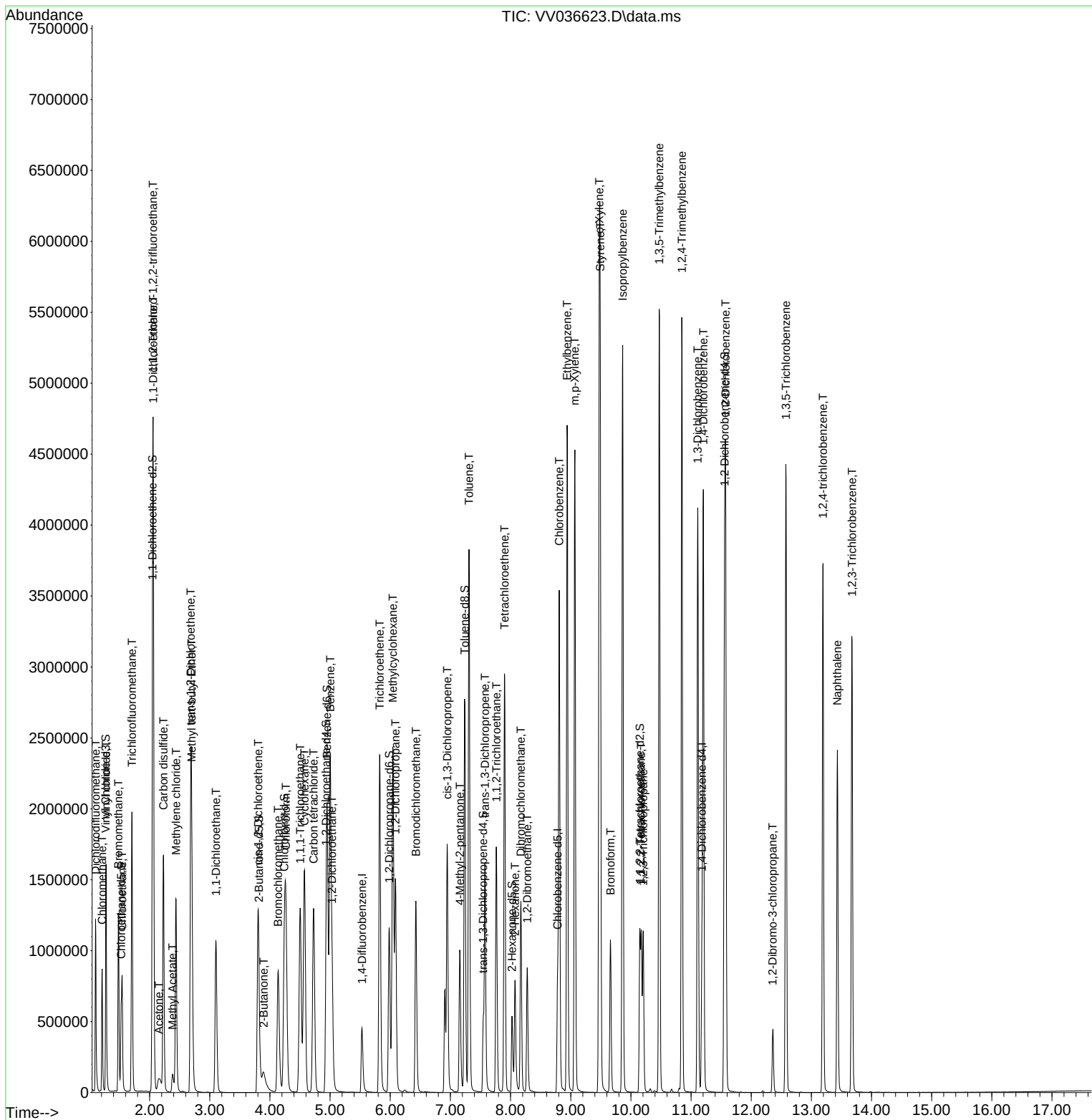
Instrument :
 MSVOA_V
 ClientSampleId :

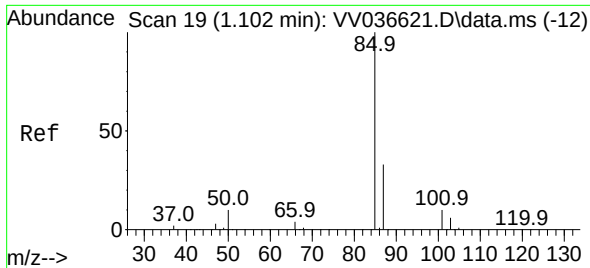
Quant Time: Jul 23 01:27:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:25:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	557390	100.425	ug/L	98
46) Tetrachloroethene	7.899	164	704804	87.768	ug/L	98
48) 2-Hexanone	8.075	43	457250	226.231	ug/L	97
49) Dibromochloromethane	8.172	129	713844	102.082	ug/L	100
50) 1,2-Dibromoethane	8.278	107	576747	103.429	ug/L	99
51) Chlorobenzene	8.809	112	1988159	100.255	ug/L	100
52) Ethylbenzene	8.940	91	3286160	109.073	ug/L	99
53) m,p-Xylene	9.069	106	1315945	111.874	ug/L	100
54) o-Xylene	9.474	106	1274564	112.776	ug/L	98
55) Styrene	9.490	104	2190184	114.287	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	515957	102.597	ug/L	99
59) Bromoform	9.661	173	494521	102.098	ug/L	99
60) Isopropylbenzene	9.863	105	3421507	108.715	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	447990	98.810	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	2910462	118.557	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2895138	116.502	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	1782219	101.300	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1765847	97.463	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1634274	99.903	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	106878	100.103	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	1446023	104.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1204424	106.835	ug/L	100
71) Naphthalene	13.432	128	1938771	117.433	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	1044119	102.645	ug/L	99

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

Quant Time: Jul 23 01:27:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 01:25:03 2024
Response via : Initial Calibration

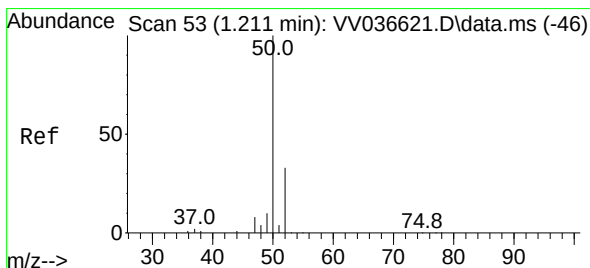
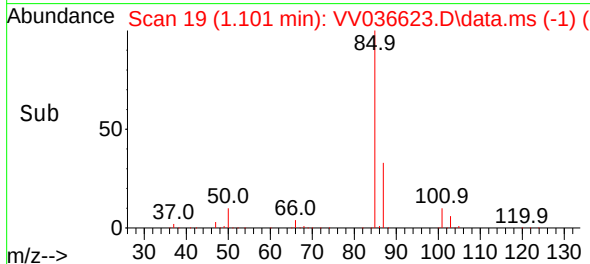
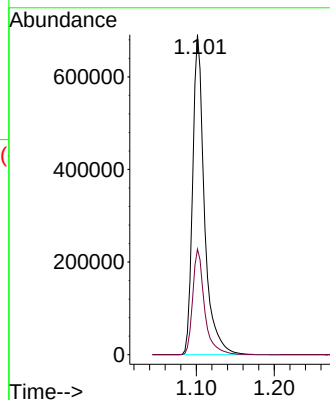
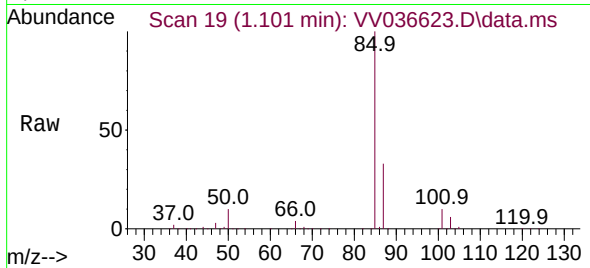




#2
Dichlorodifluoromethane
Concen: 97.704 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

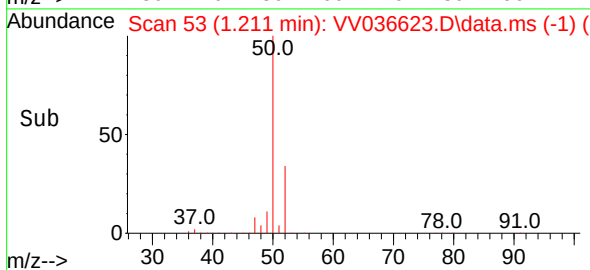
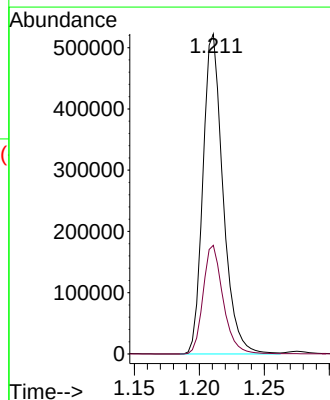
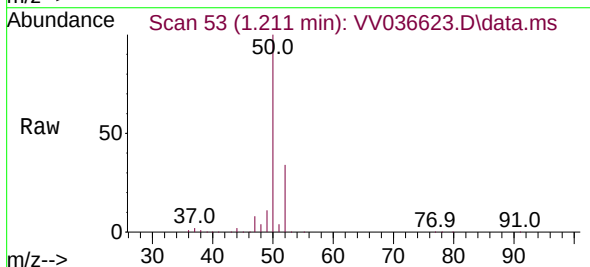
Instrument :
MSVOA_V
ClientSampleId :

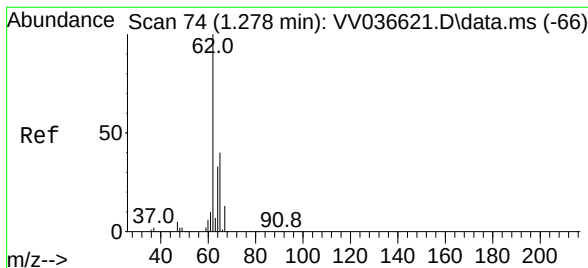
Tgt Ion: 85 Resp: 726048
Ion Ratio Lower Upper
85 100
87 33.1 26.5 39.7



#3
Chloromethane
Concen: 98.408 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 50 Resp: 562614
Ion Ratio Lower Upper
50 100
52 34.0 23.3 43.3





#5

Vinyl chloride

Concen: 100.567 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

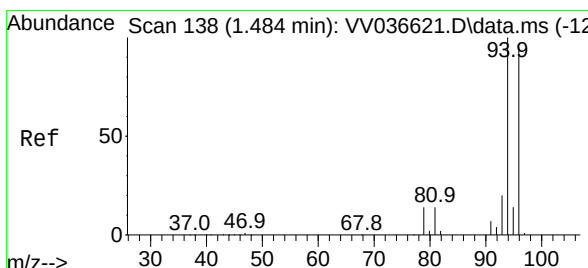
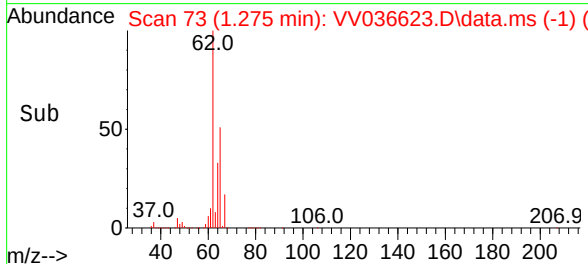
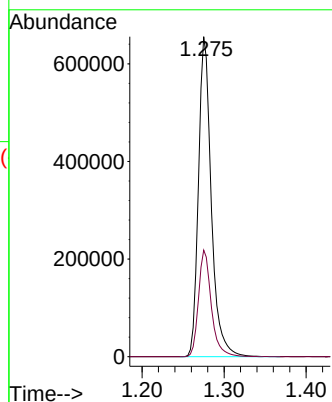
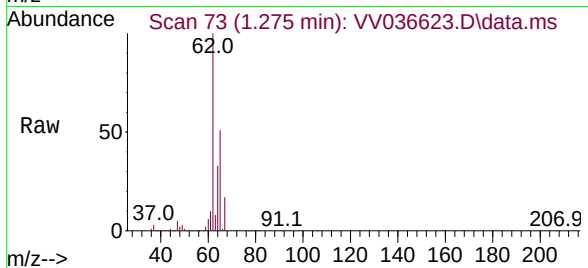
ClientSampleId :

Tgt Ion: 62 Resp: 711019

Ion Ratio Lower Upper

62 100

64 33.3 23.1 42.9



#6

Bromomethane

Concen: 98.476 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036623.D

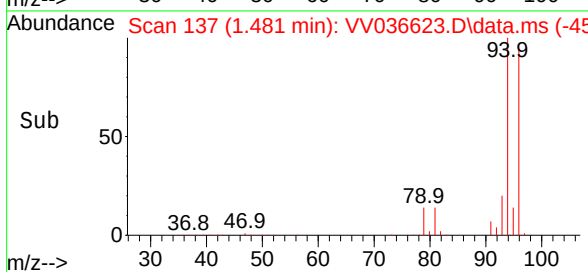
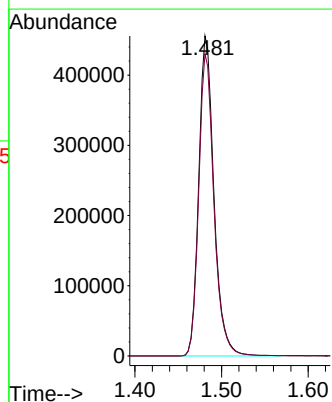
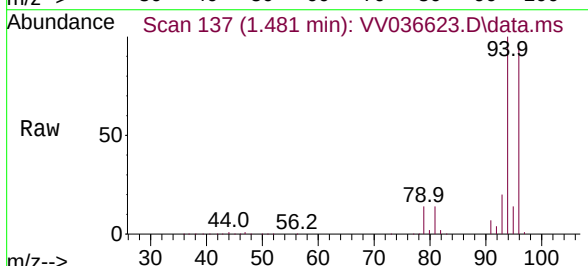
Acq: 22 Jul 2024 10:29

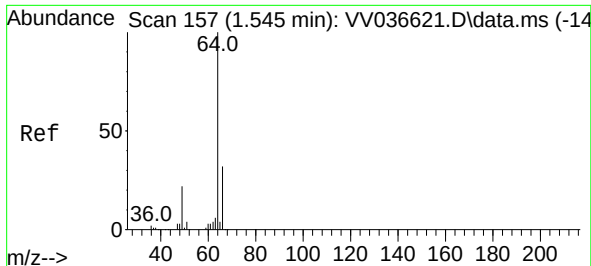
Tgt Ion: 94 Resp: 556671

Ion Ratio Lower Upper

94 100

96 94.5 66.6 123.6

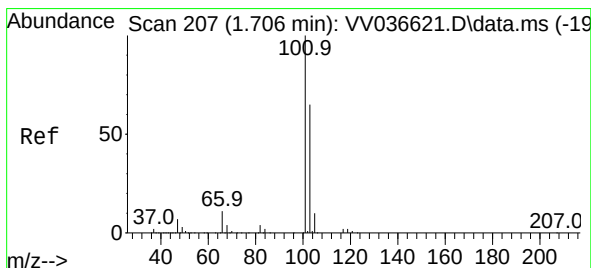
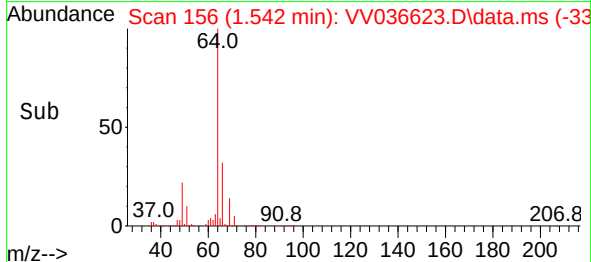
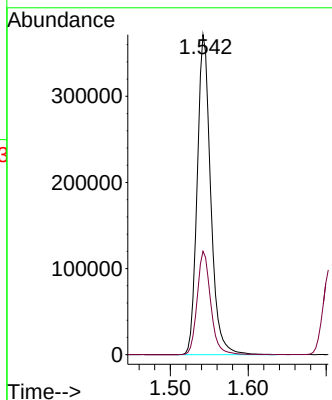
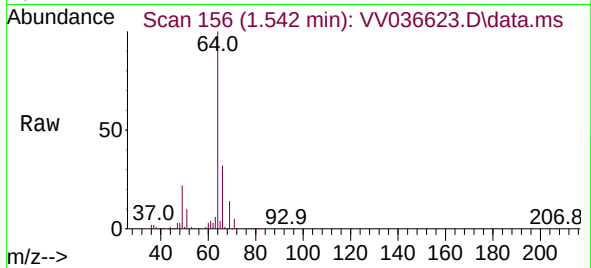




#8
Chloroethane
Concen: 97.491 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

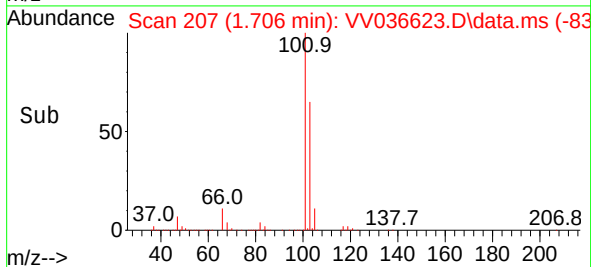
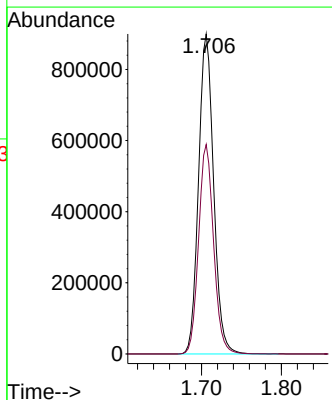
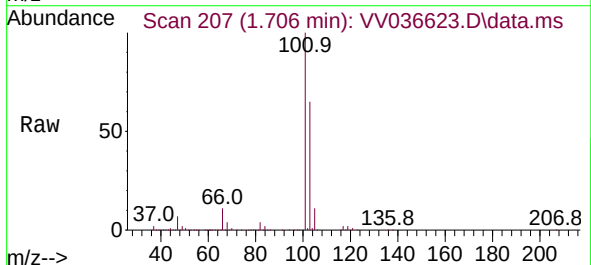
Instrument :
MSVOA_V
ClientSampleId :

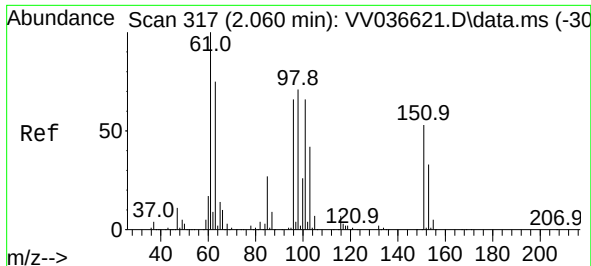
Tgt Ion: 64 Resp: 446691
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 96.265 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion:101 Resp: 1181744
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4





#10

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

Concen: 94.592 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

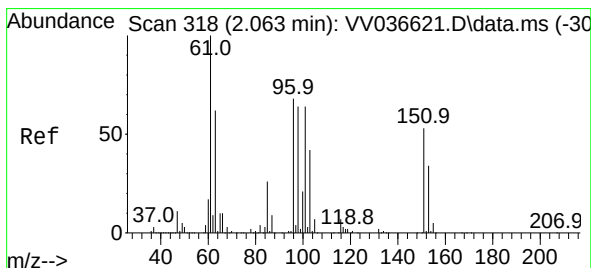
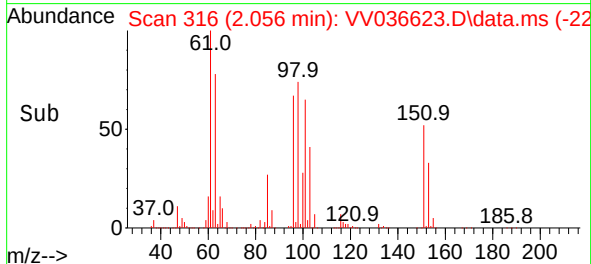
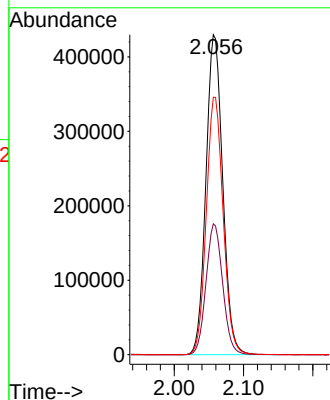
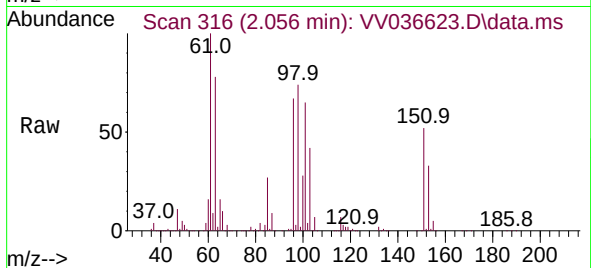
Tgt Ion:101 Resp: 722505

Ion Ratio Lower Upper

101 100

85 40.7 32.4 48.6

151 81.0 64.9 97.3



#12

1,1-Dichloroethene

Concen: 96.931 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

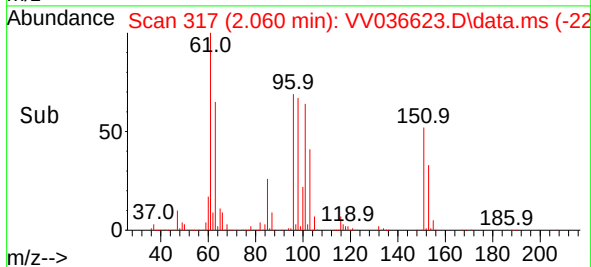
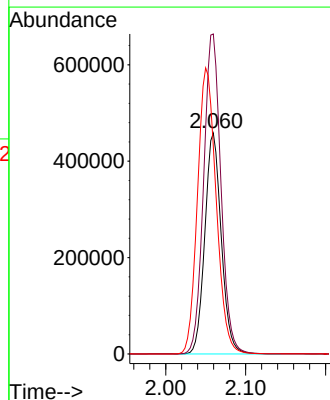
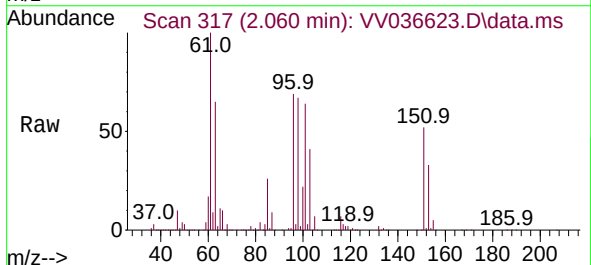
Tgt Ion: 96 Resp: 655238

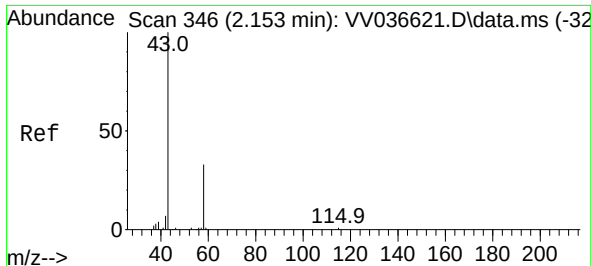
Ion Ratio Lower Upper

96 100

61 144.9 102.3 189.9

63 94.0 64.1 119.1

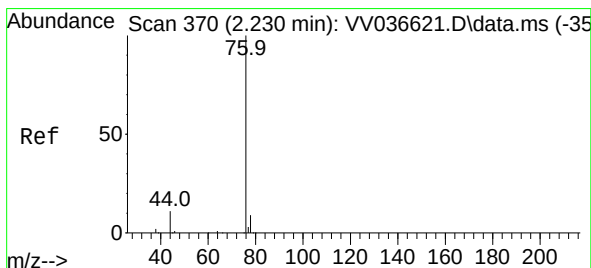
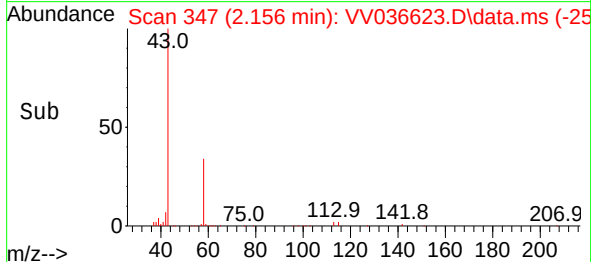
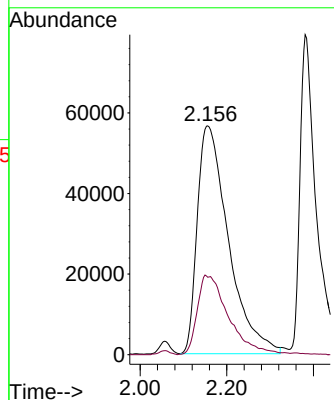
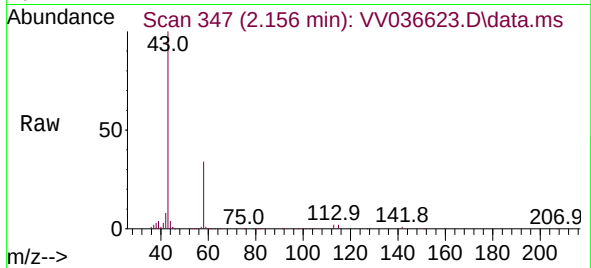




#13
Acetone
Concen: 162.824 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

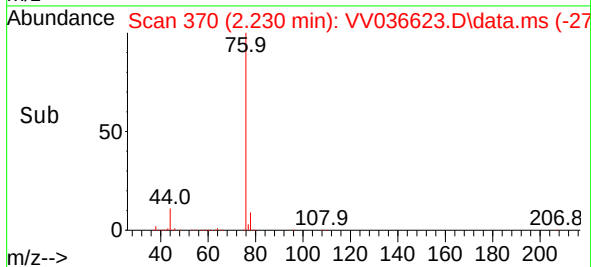
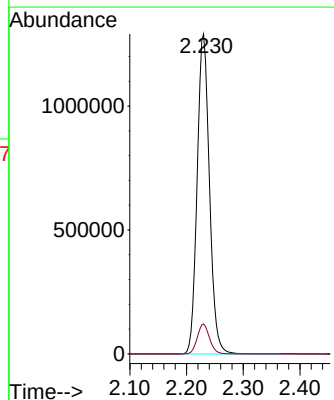
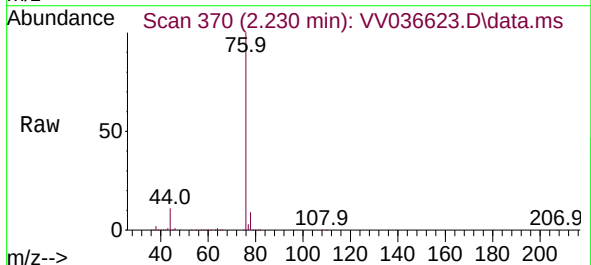
Instrument :
MSVOA_V
ClientSampleId :

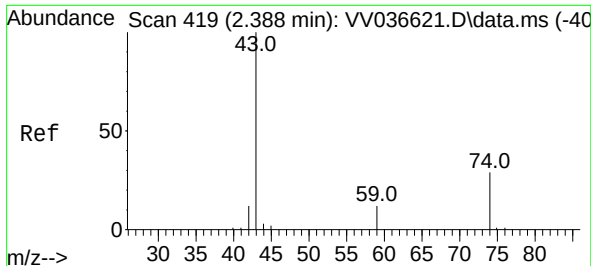
Tgt Ion: 43 Resp: 282864
Ion Ratio Lower Upper
43 100
58 12.1 0.0 23.0



#14
Carbon disulfide
Concen: 103.473 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

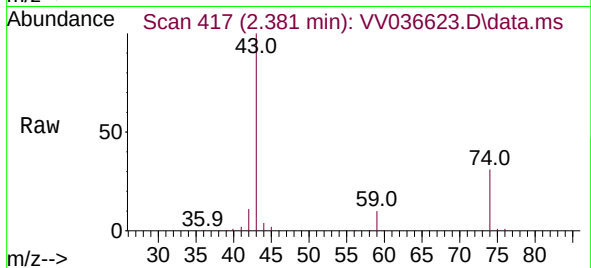
Tgt Ion: 76 Resp: 1941346
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



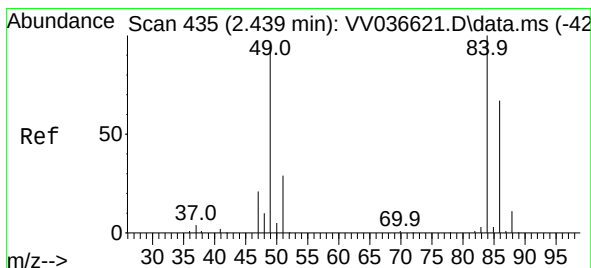
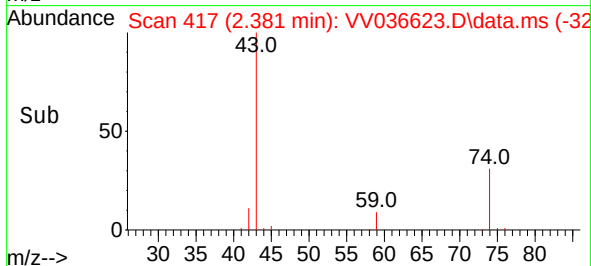
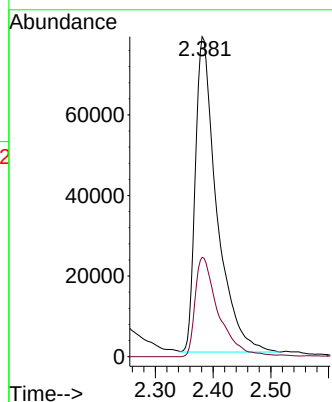


#15
Methyl Acetate
Concen: 95.077 ug/L
RT: 2.381 min Scan# 419
Delta R.T. -0.007 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

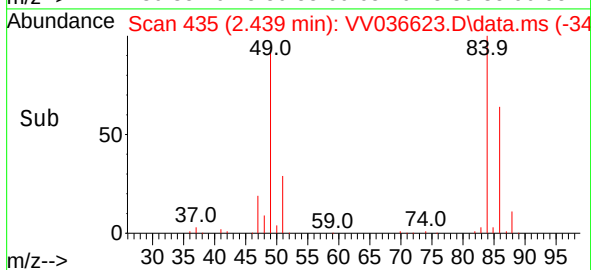
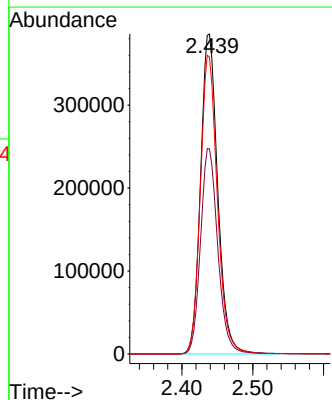
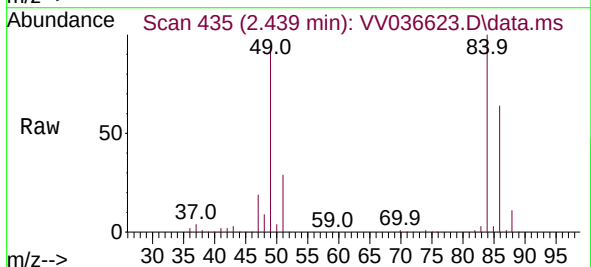


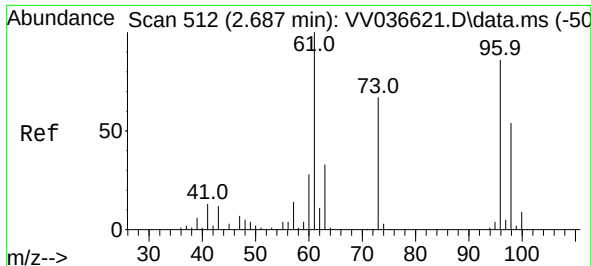
Tgt Ion: 43 Resp: 201810
Ion Ratio Lower Upper
43 100
74 34.2 27.8 41.8



#16
Methylene chloride
Concen: 79.484 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 84 Resp: 648031
Ion Ratio Lower Upper
84 100
86 64.1 47.2 87.6
49 92.8 67.3 125.1





#17

trans-1,2-Dichloroethene

Concen: 100.052 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

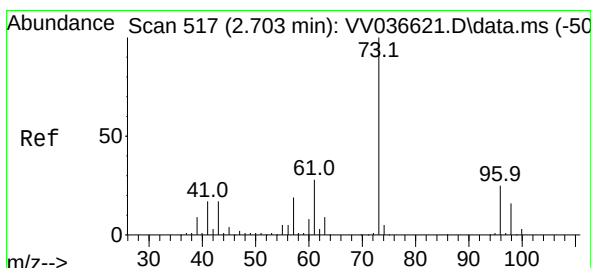
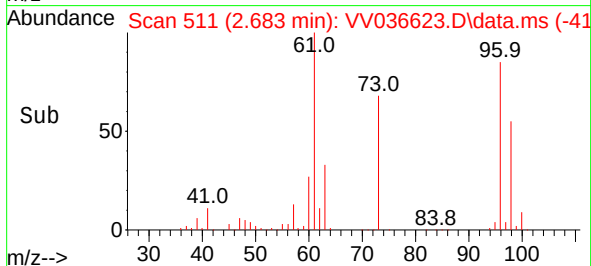
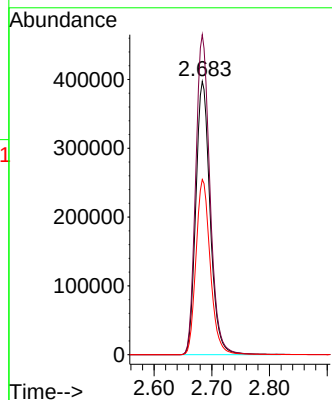
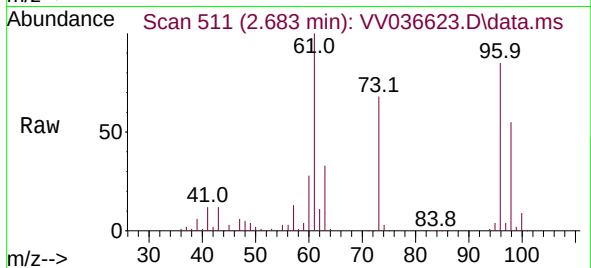
Tgt Ion: 96 Resp: 683035

Ion Ratio Lower Upper

96 100

61 117.1 81.5 151.5

98 64.1 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 104.988 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

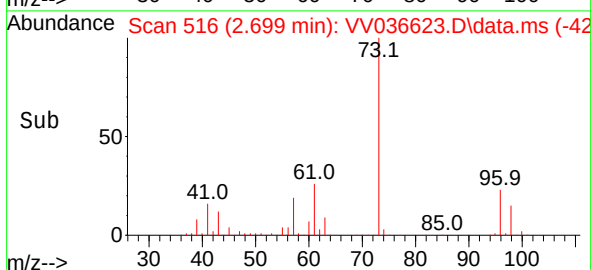
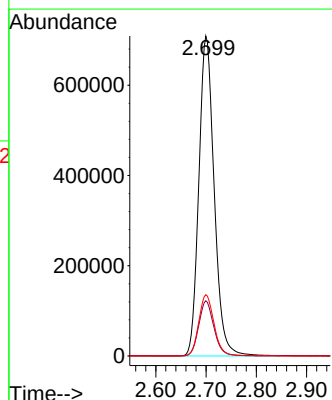
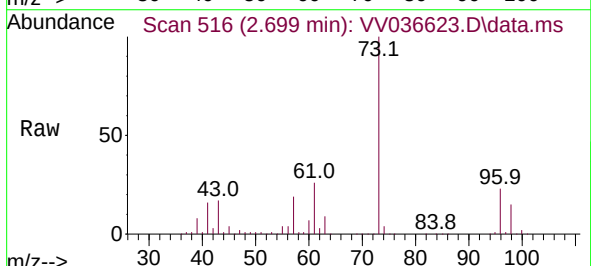
Tgt Ion: 73 Resp: 1503268

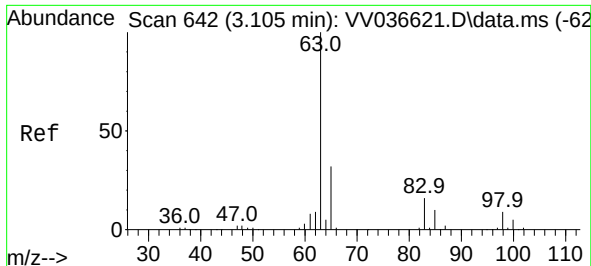
Ion Ratio Lower Upper

73 100

43 16.9 13.8 20.6

57 19.2 15.4 23.2





#19

1,1-Dichloroethane

Concen: 98.267 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

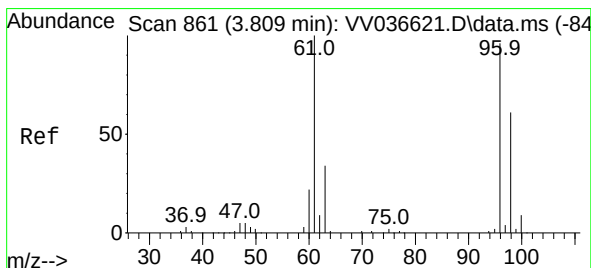
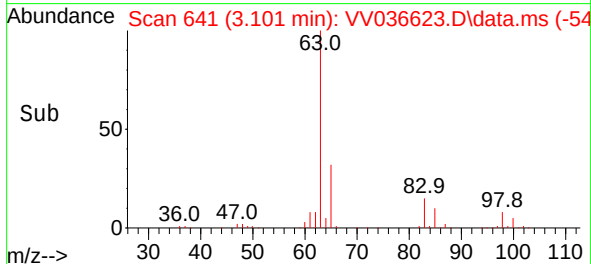
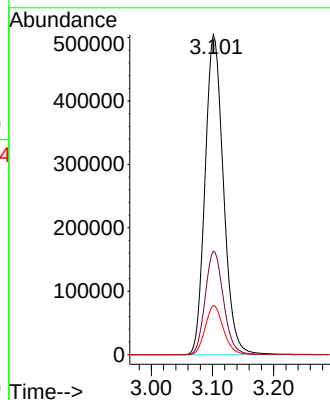
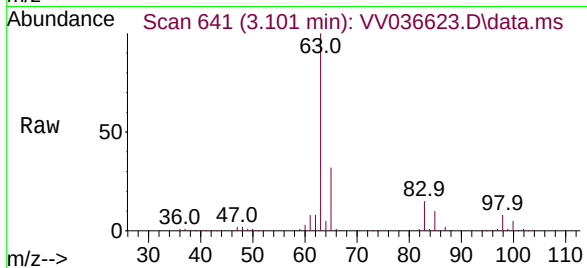
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1052504

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.7	42.1
83	15.4	11.1	20.7



#20

cis-1,2-Dichloroethene

Concen: 104.477 ug/L

RT: 3.805 min Scan# 860

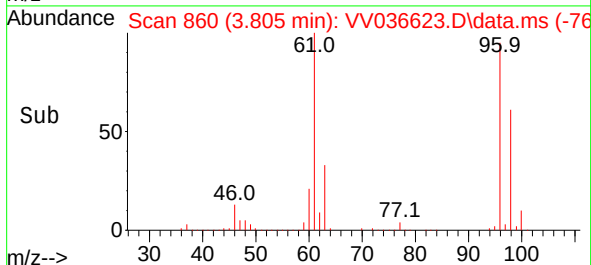
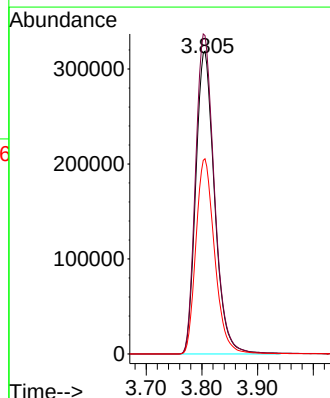
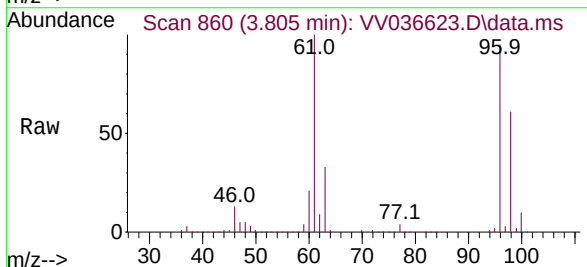
Delta R.T. -0.003 min

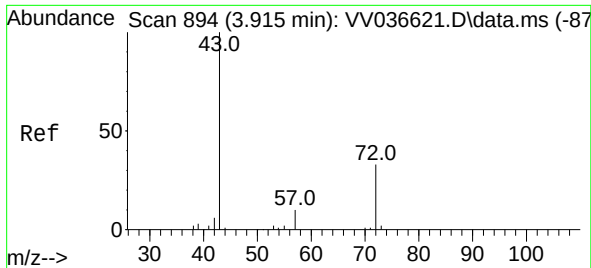
Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Tgt Ion: 96 Resp: 744877

Ion	Ratio	Lower	Upper
96	100		
61	105.2	73.0	135.6
98	64.5	44.8	83.2

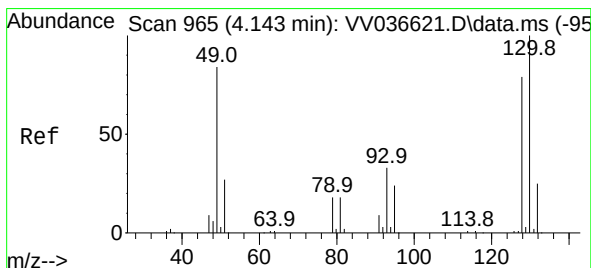
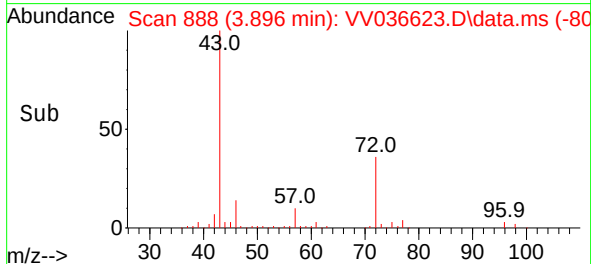
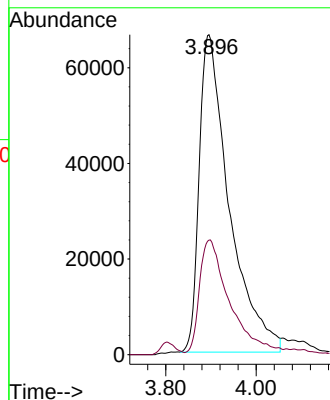
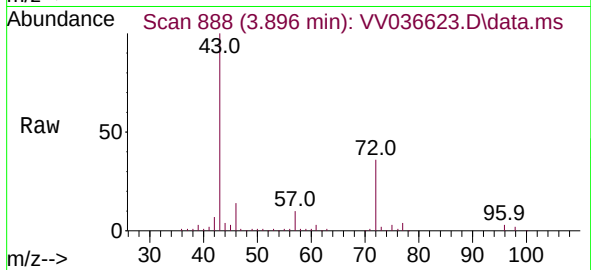




#22
2-Butanone
Concen: 219.376 ug/L
RT: 3.896 min Scan# 894
Delta R.T. -0.019 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

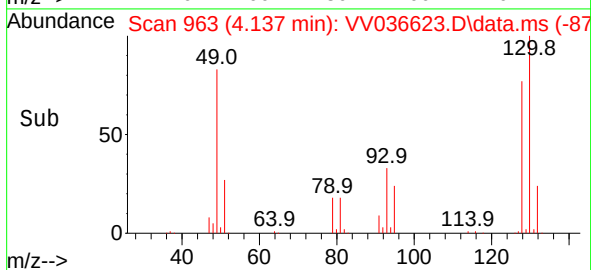
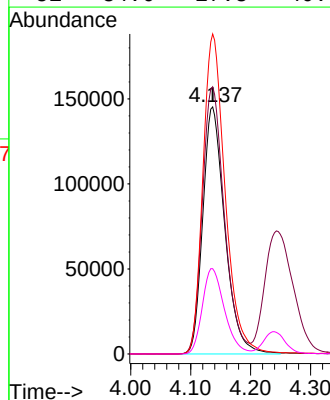
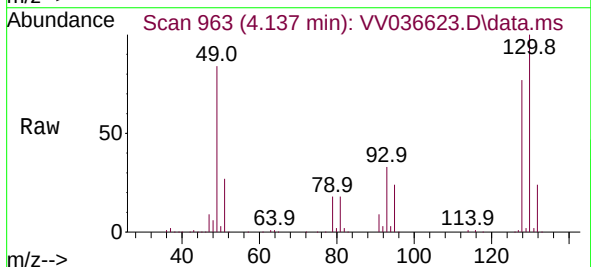
Instrument :
MSVOA_V
ClientSampleId :

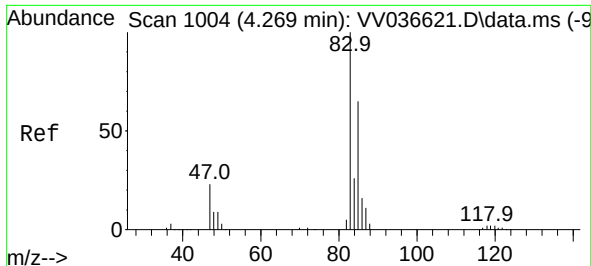
Tgt Ion: 43 Resp: 306057
Ion Ratio Lower Upper
43 100
72 33.9 15.2 45.5



#23
Bromochloromethane
Concen: 99.001 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.007 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion:128 Resp: 371888
Ion Ratio Lower Upper
128 100
49 108.2 74.4 138.2
130 129.6 88.6 164.6
51 34.6 27.3 40.9





#25

Chloroform

Concen: 95.966 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

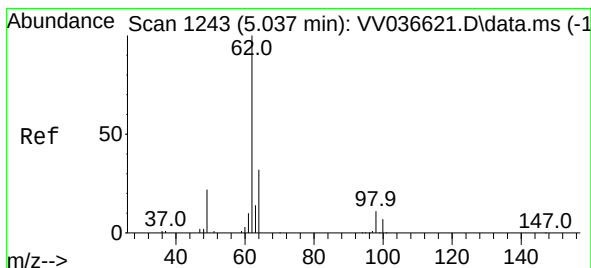
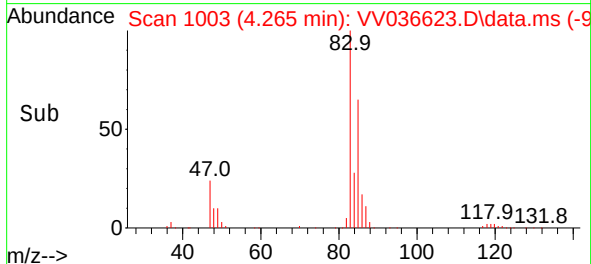
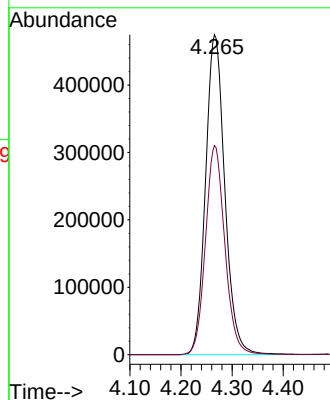
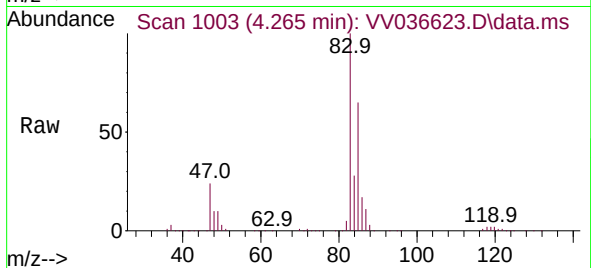
ClientSampleId :

Tgt Ion: 83 Resp: 1240714

Ion Ratio Lower Upper

83 100

85 65.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 100.832 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036623.D

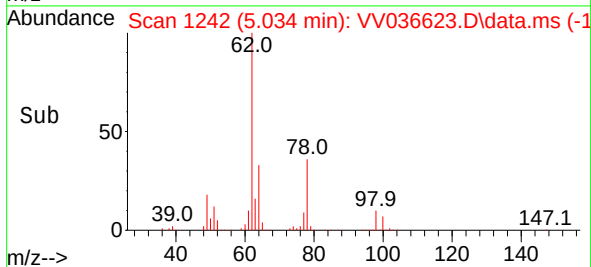
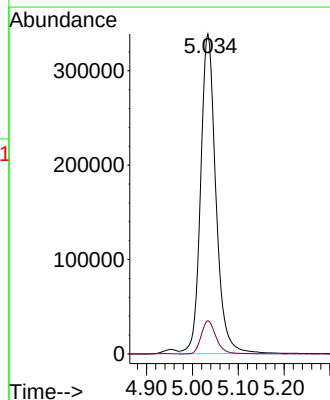
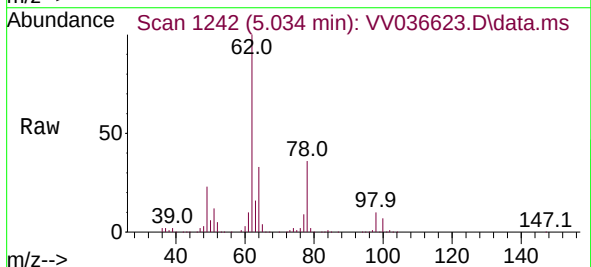
Acq: 22 Jul 2024 10:29

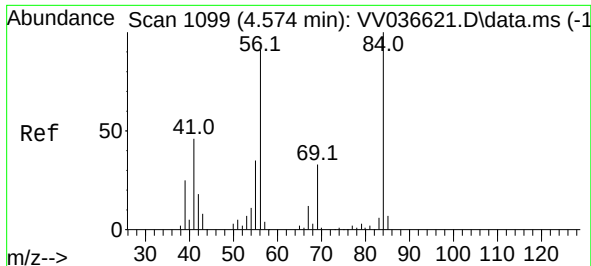
Tgt Ion: 62 Resp: 782240

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6





#29

Cyclohexane

Concen: 111.231 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

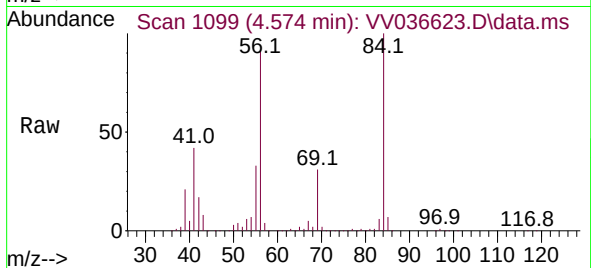
Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :



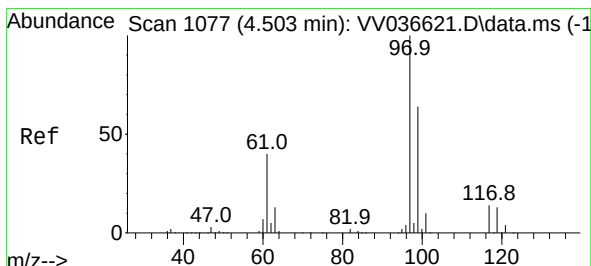
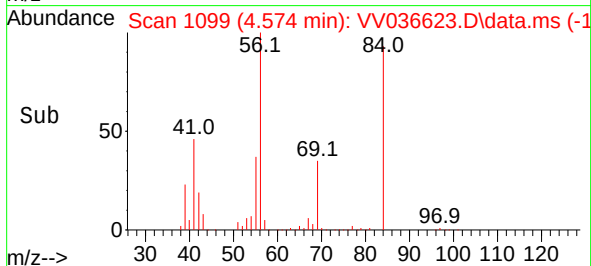
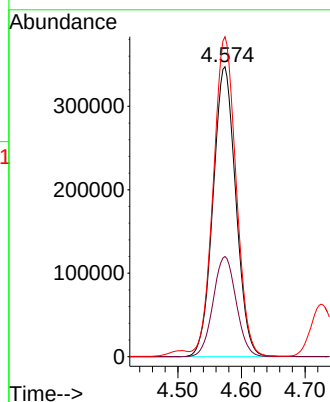
Tgt Ion: 56 Resp: 863532

Ion Ratio Lower Upper

56 100

69 35.1 28.5 42.7

84 110.2 88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 98.848 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

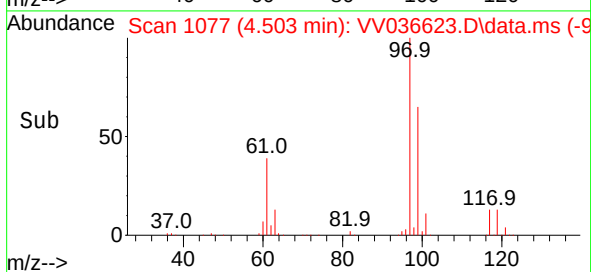
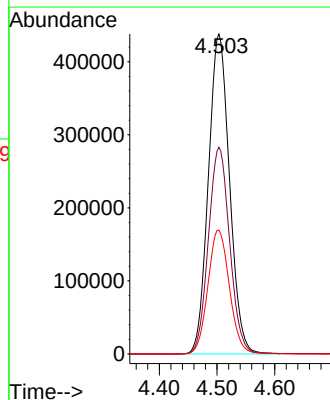
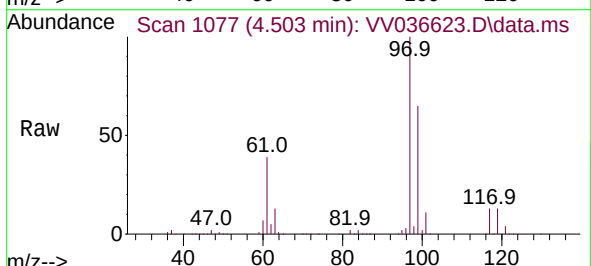
Tgt Ion: 97 Resp: 1113556

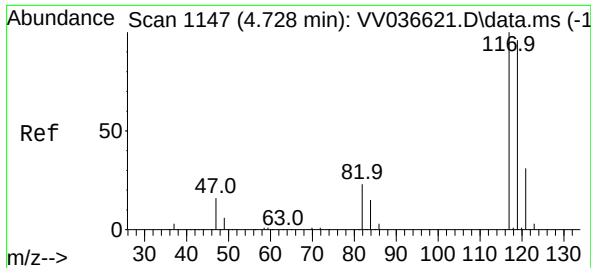
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 39.5 31.9 47.9

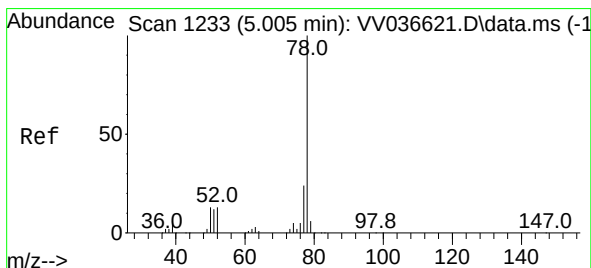
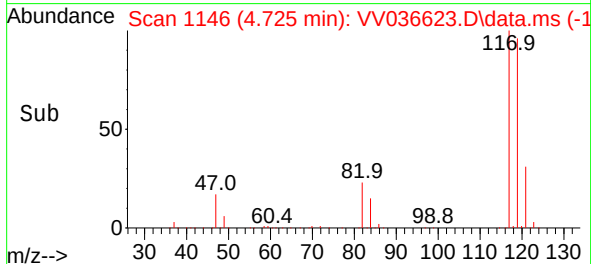
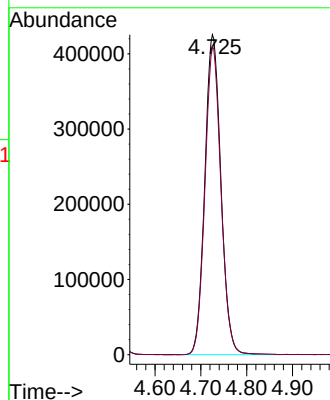
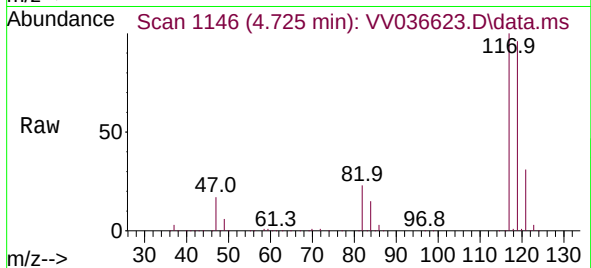




#31
Carbon tetrachloride
Concen: 98.719 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

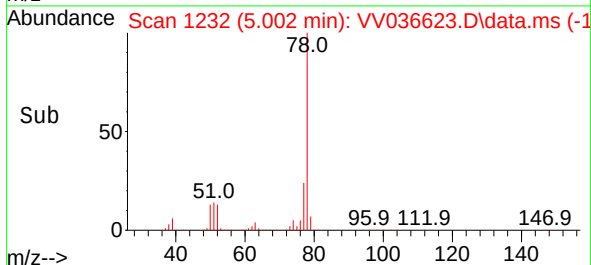
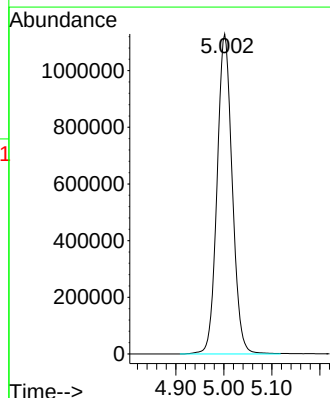
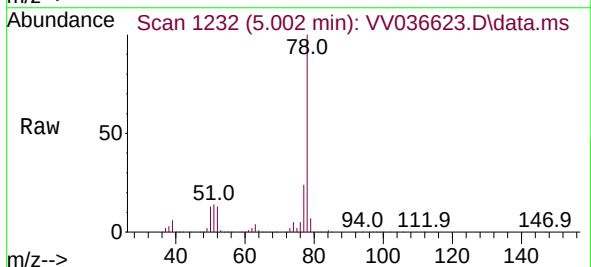
Instrument :
MSVOA_V
ClientSampleId :

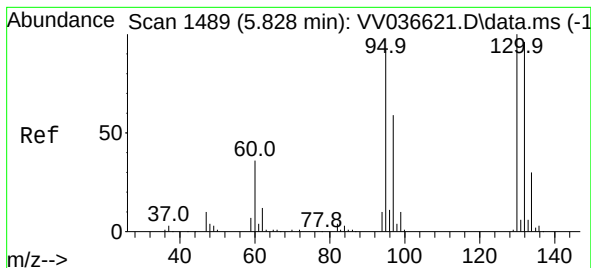
Tgt Ion:117 Resp: 1039026
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0



#33
Benzene
Concen: 100.292 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 78 Resp: 2480077





#34

Trichloroethene

Concen: 99.746 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 807193

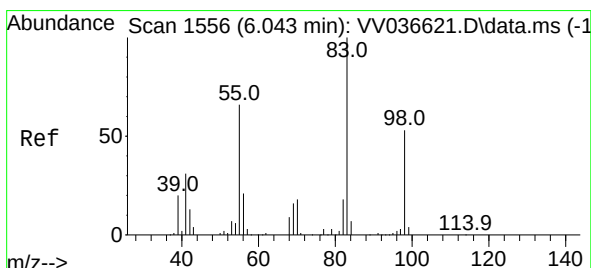
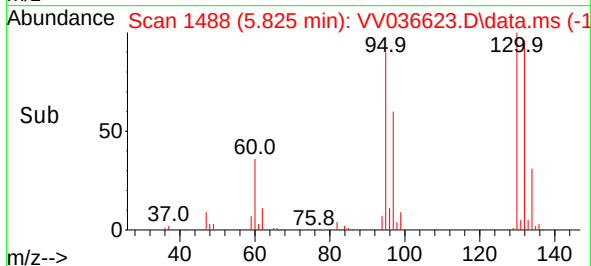
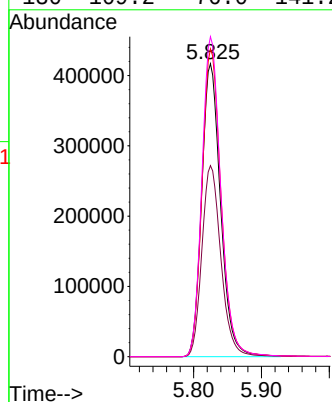
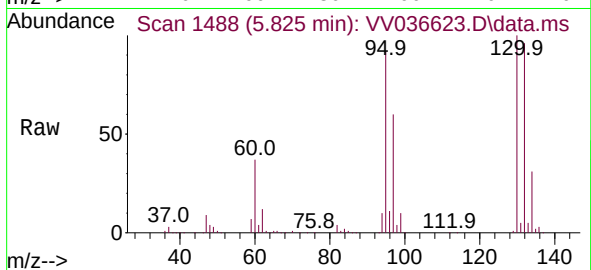
Ion Ratio Lower Upper

95 100

97 65.2 45.1 83.7

132 105.1 72.7 134.9

130 109.2 76.0 141.2



#35

Methylcyclohexane

Concen: 108.684 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

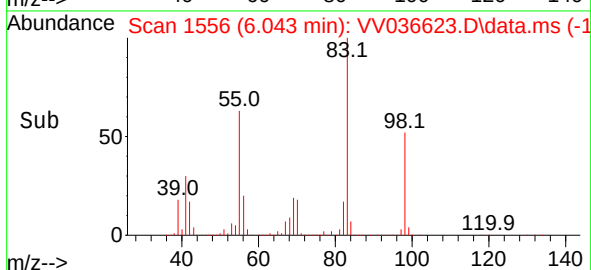
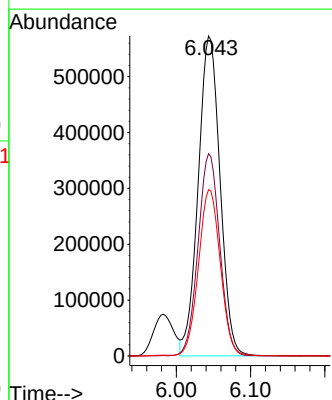
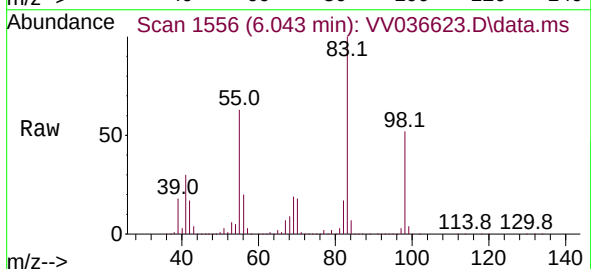
Tgt Ion: 83 Resp: 1171113

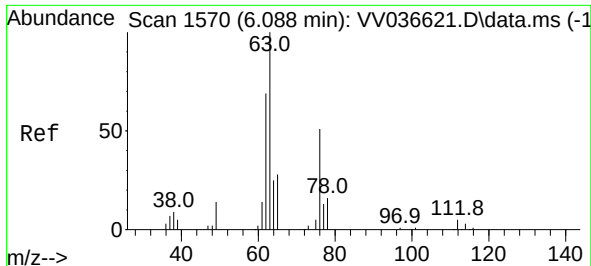
Ion Ratio Lower Upper

83 100

55 62.5 50.8 76.2

98 52.2 41.3 61.9

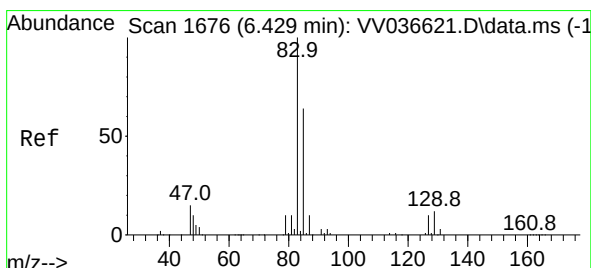
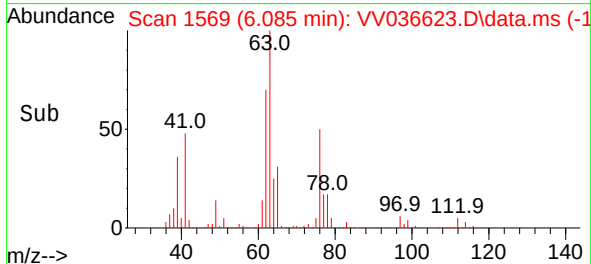
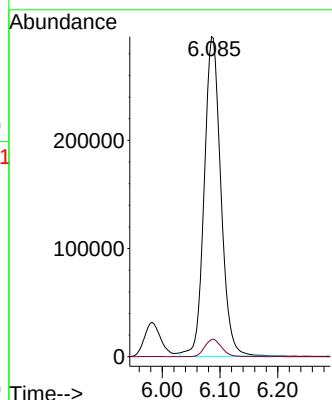
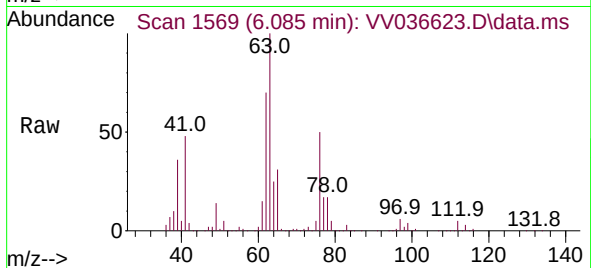




#37
1,2-Dichloropropane
Concen: 103.807 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

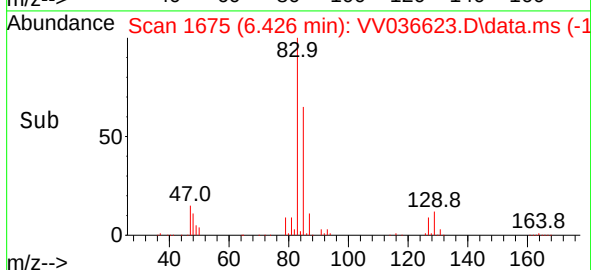
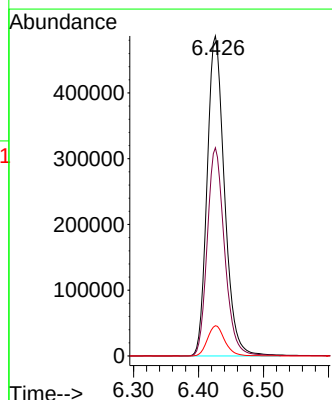
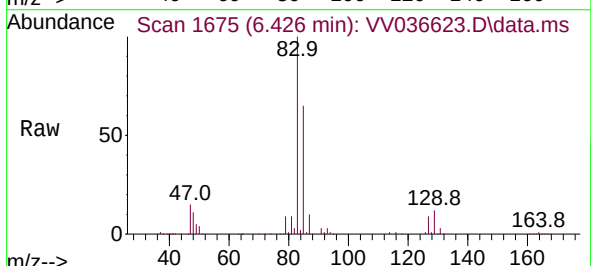
Instrument :
MSVOA_V
ClientSampleId :

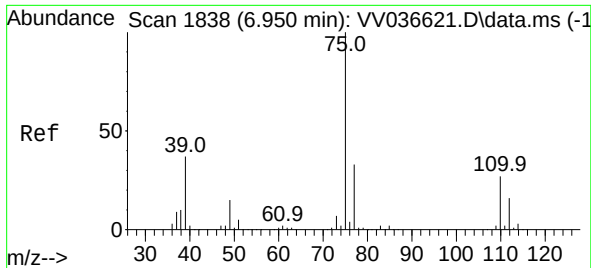
Tgt Ion: 63 Resp: 590766
Ion Ratio Lower Upper
63 100
112 5.6 4.8 7.2



#38
Bromodichloromethane
Concen: 97.648 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 83 Resp: 906061
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8
127 9.4 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 111.566 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

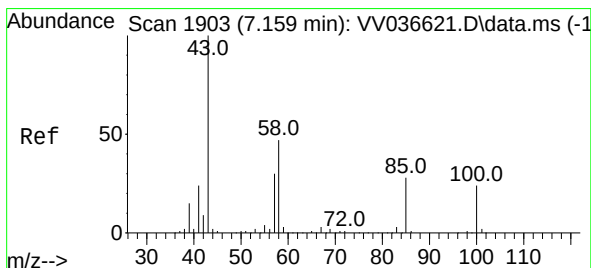
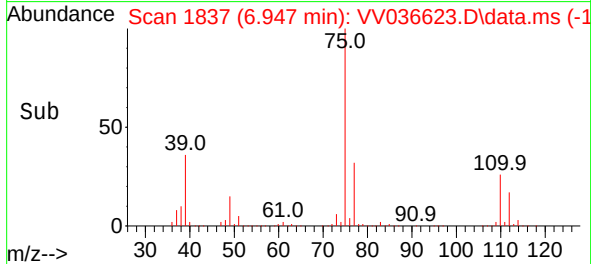
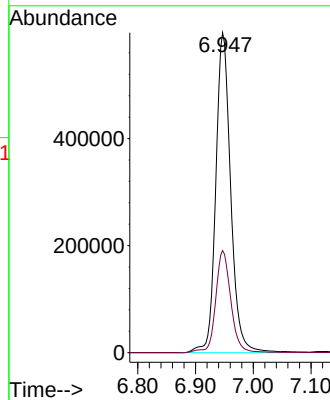
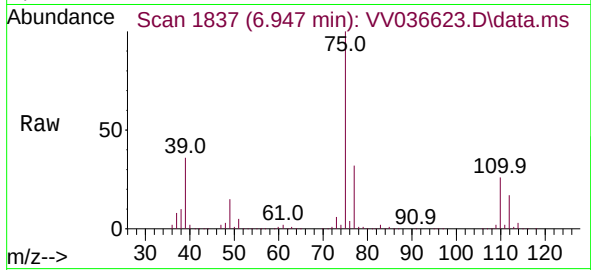
ClientSampleId :

Tgt Ion: 75 Resp: 1072821

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 229.187 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

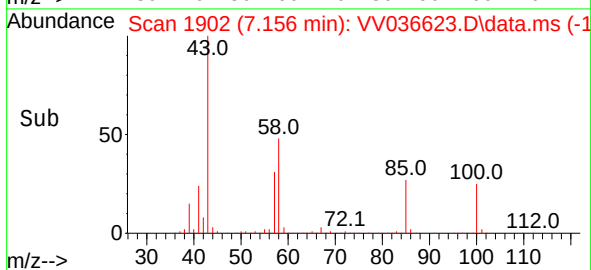
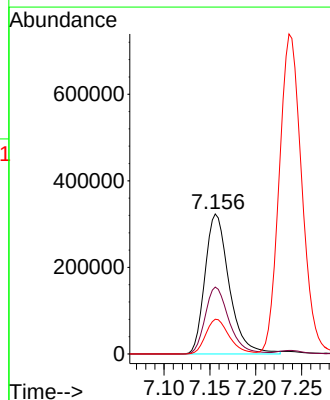
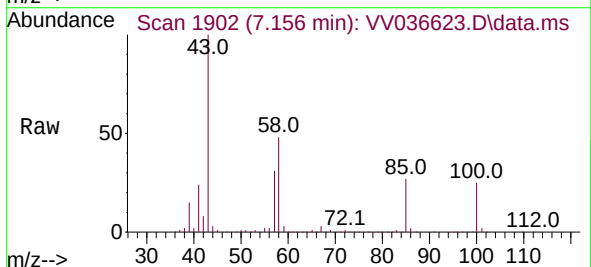
Tgt Ion: 43 Resp: 594340

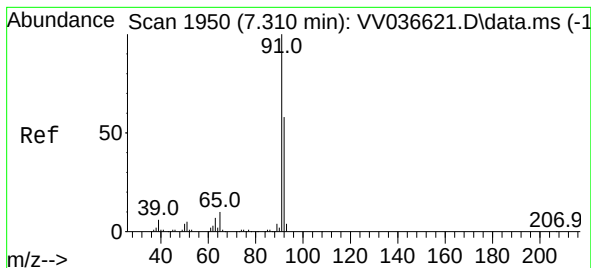
Ion Ratio Lower Upper

43 100

58 47.0 36.6 54.8

100 24.1 18.2 27.4





#42

Toluene

Concen: 105.513 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

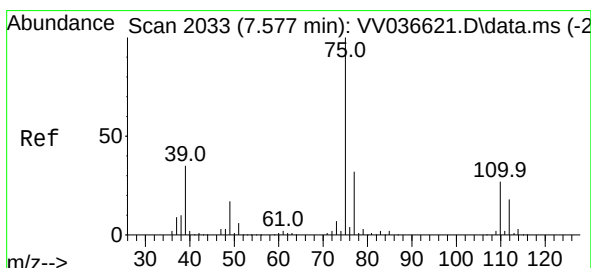
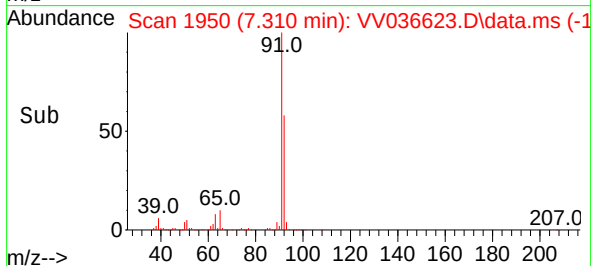
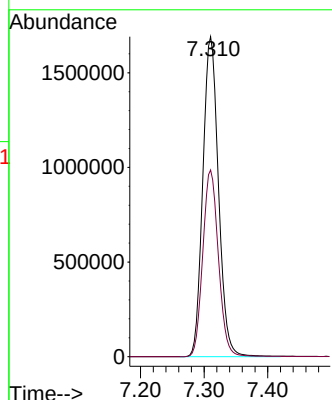
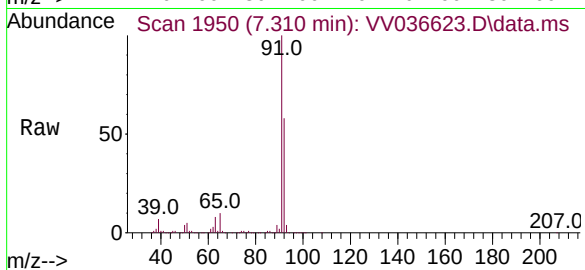
ClientSampleId :

Tgt Ion: 91 Resp: 2889959

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 111.797 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036623.D

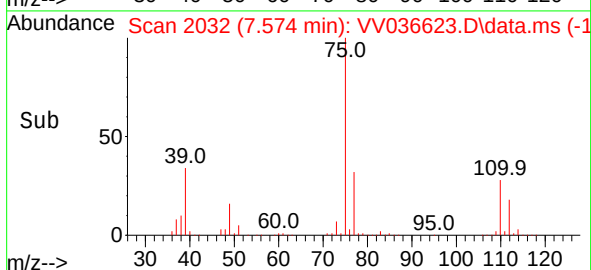
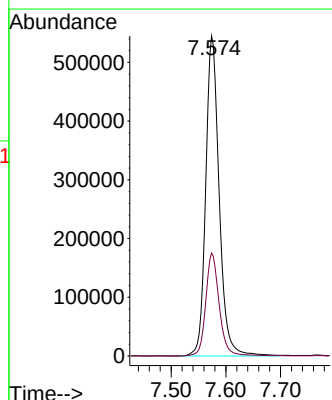
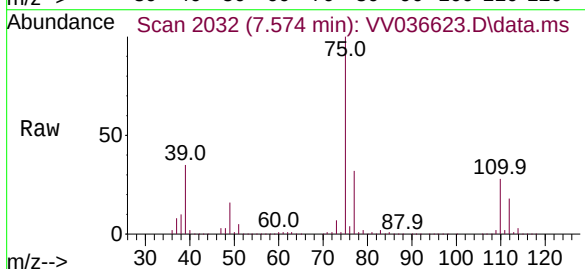
Acq: 22 Jul 2024 10:29

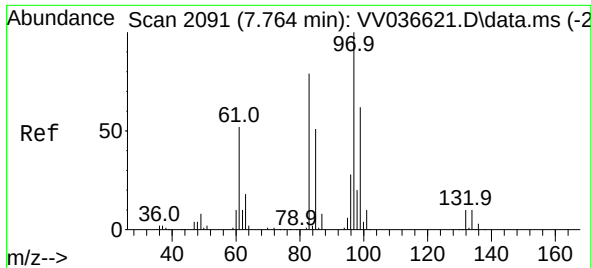
Tgt Ion: 75 Resp: 930460

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 100.425 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 557390

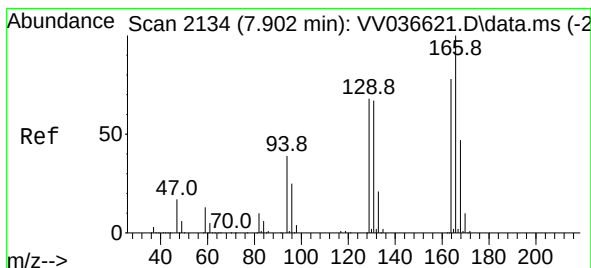
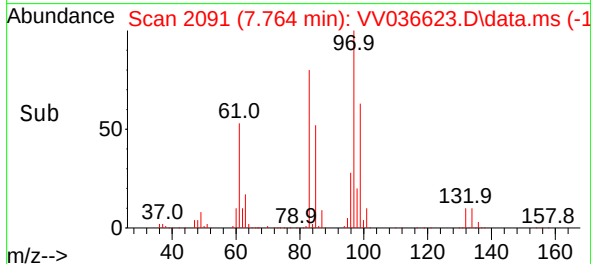
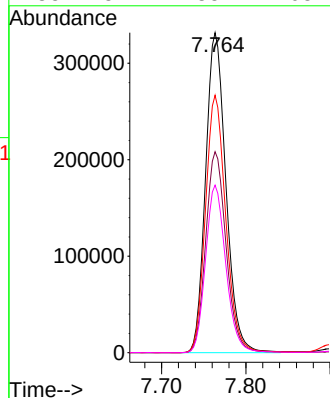
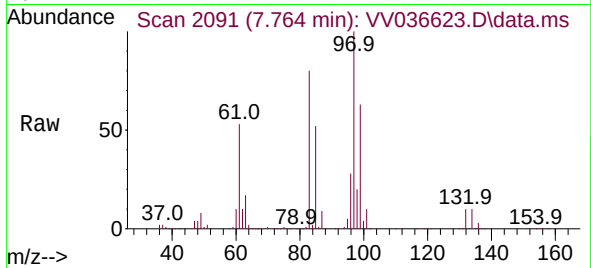
Ion Ratio Lower Upper

97 100

99 62.8 43.5 80.7

83 80.4 55.4 103.0

85 52.4 35.4 65.8



#46

Tetrachloroethene

Concen: 87.768 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Tgt Ion:164 Resp: 704804

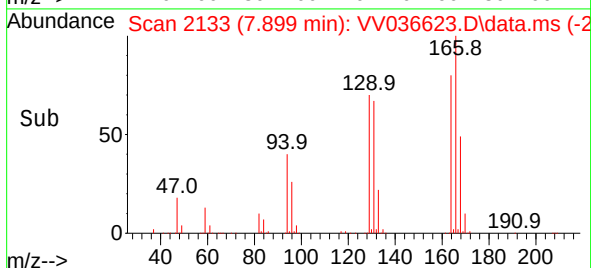
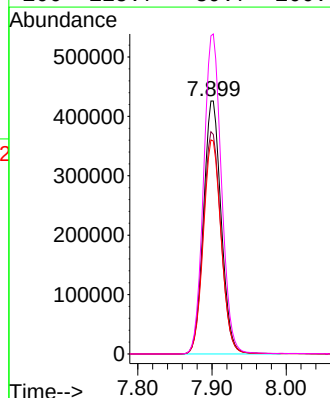
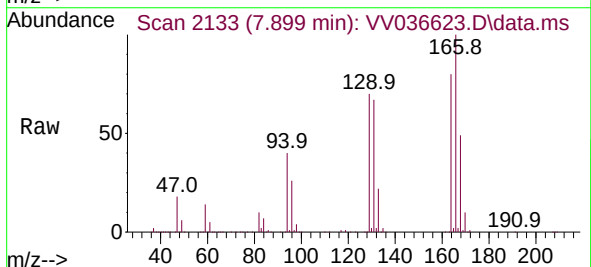
Ion Ratio Lower Upper

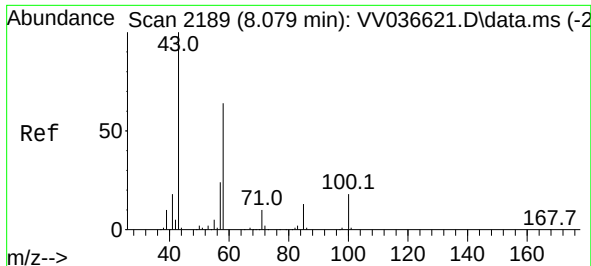
164 100

129 87.8 61.0 113.2

131 84.6 60.1 111.5

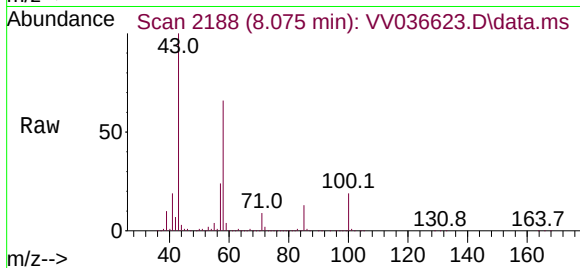
166 125.7 89.7 166.7



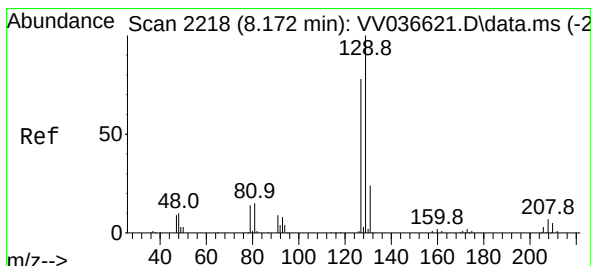
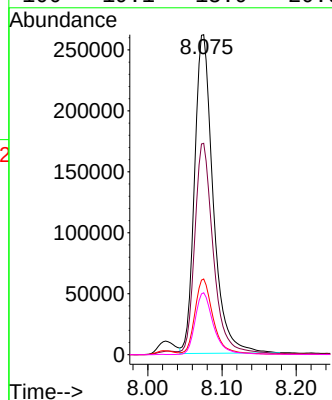
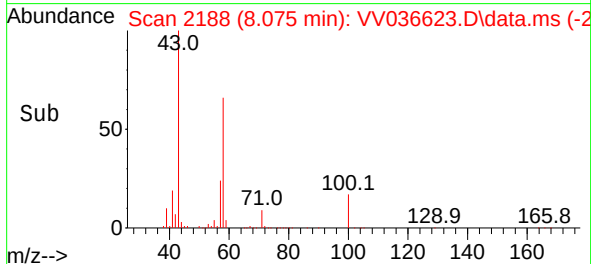


#48
2-Hexanone
Concen: 226.231 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Instrument :
MSVOA_V
ClientSampleId :

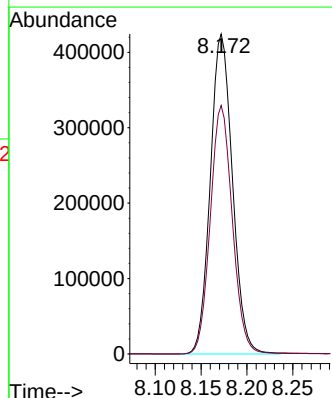
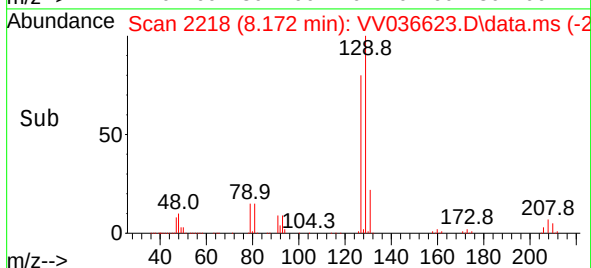
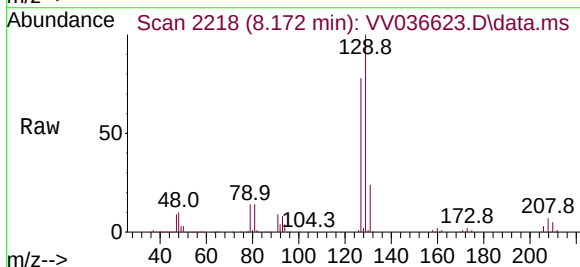


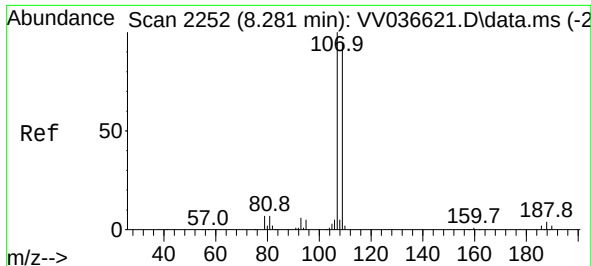
Tgt Ion: 43 Resp: 457250
Ion Ratio Lower Upper
43 100
58 66.1 50.6 75.8
57 23.2 17.7 26.5
100 19.1 13.9 20.9



#49
Dibromochloromethane
Concen: 102.082 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 129 Resp: 713844
Ion Ratio Lower Upper
129 100
127 77.6 54.3 100.9

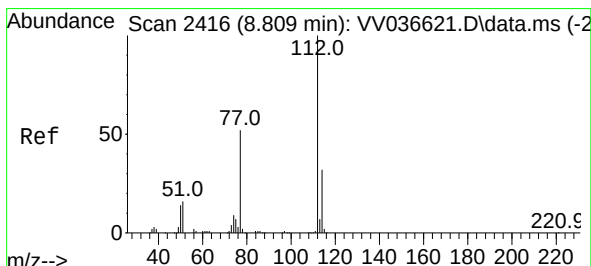
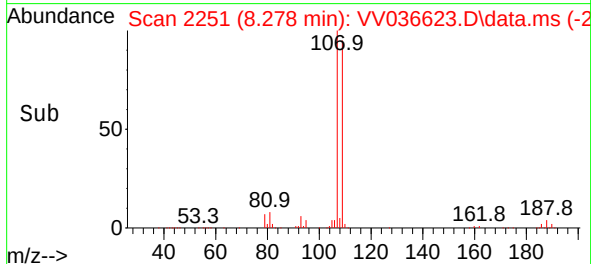
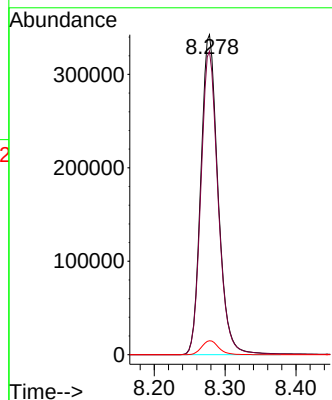
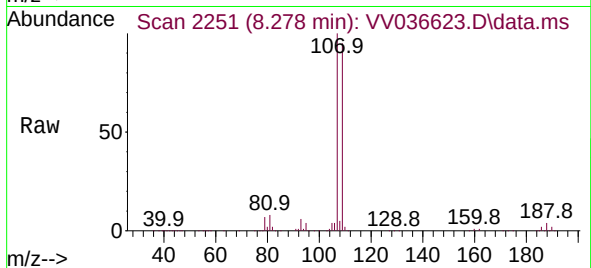




#50
1,2-Dibromoethane
Concen: 103.429 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

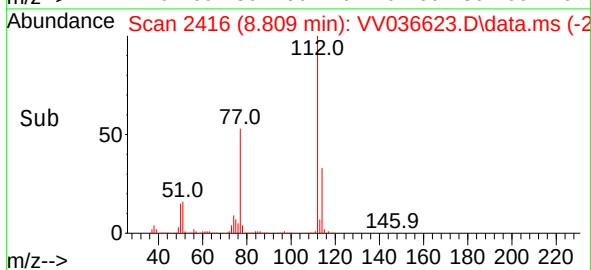
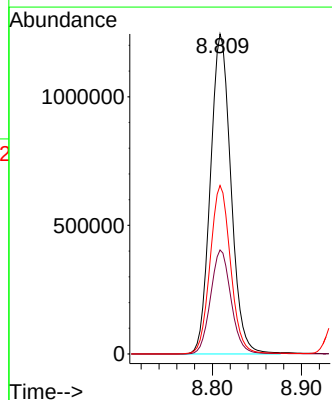
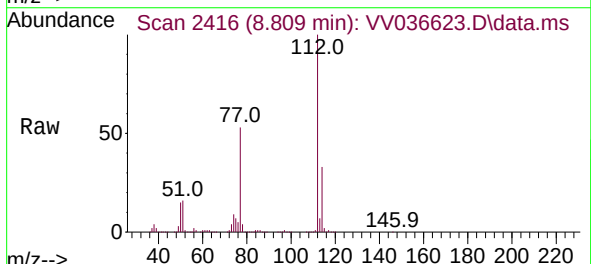
Instrument :
MSVOA_V
ClientSampleId :

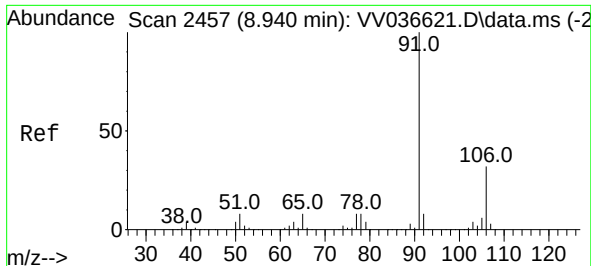
Tgt Ion:107 Resp: 576747
Ion Ratio Lower Upper
107 100
109 94.9 65.5 121.6
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 100.255 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion:112 Resp: 1988159
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 52.6 41.9 62.9





#52

Ethylbenzene

Concen: 109.073 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

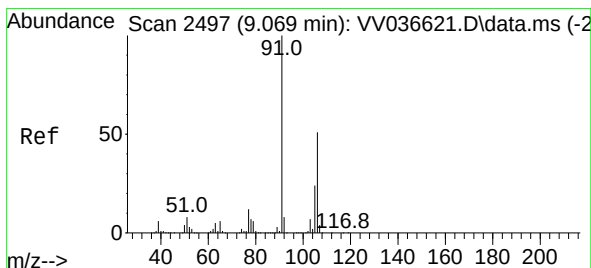
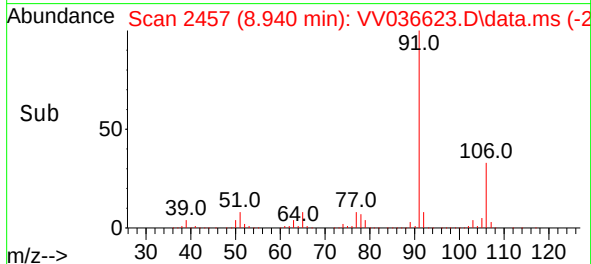
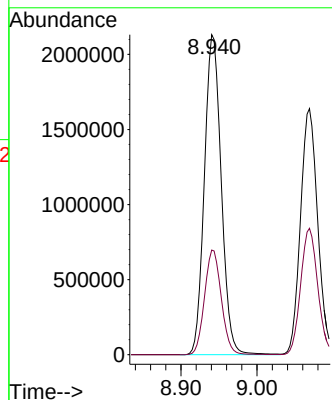
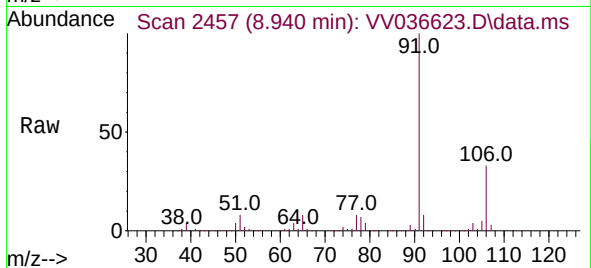
ClientSampleId :

Tgt Ion: 91 Resp: 3286160

Ion Ratio Lower Upper

91 100

106 32.7 22.5 41.7



#53

m,p-Xylene

Concen: 111.874 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV036623.D

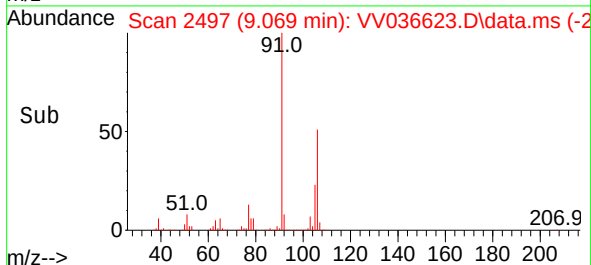
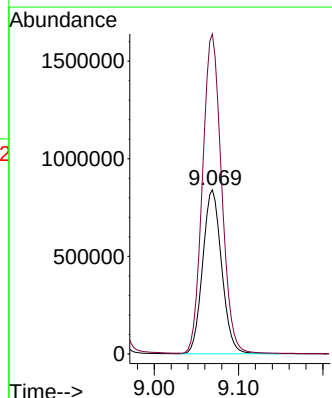
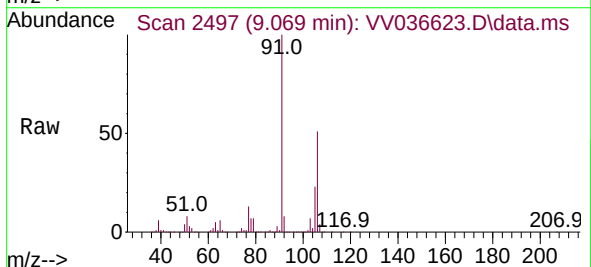
Acq: 22 Jul 2024 10:29

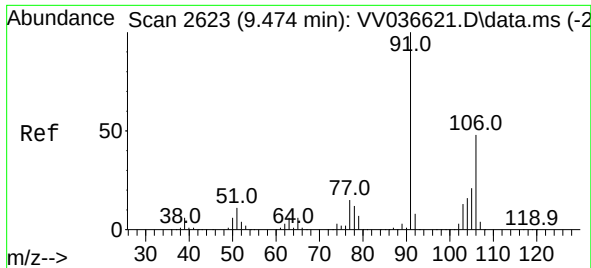
Tgt Ion:106 Resp: 1315945

Ion Ratio Lower Upper

106 100

91 194.8 136.8 254.0

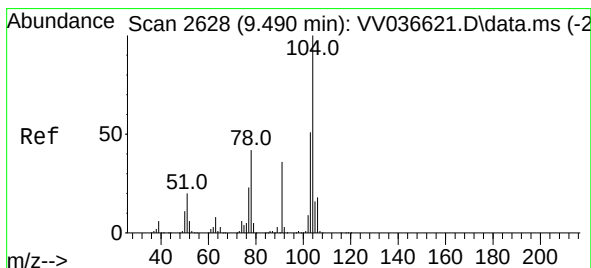
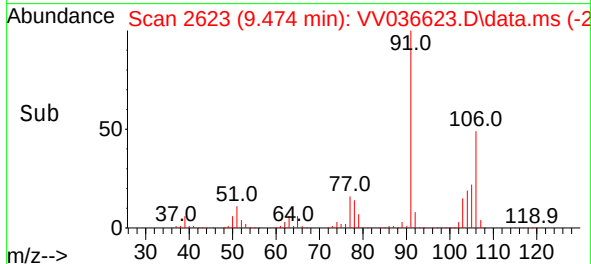
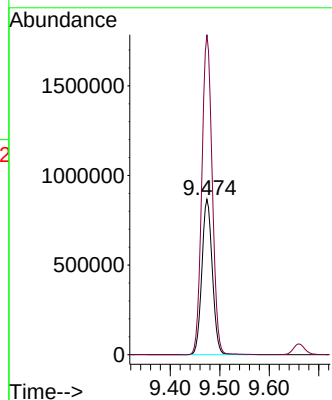
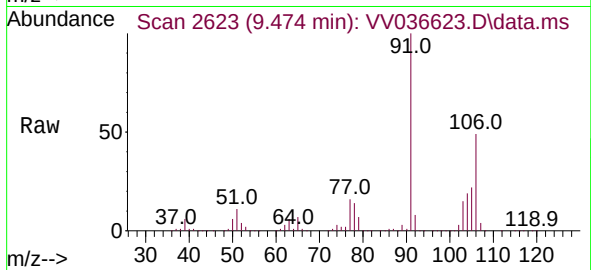




#54
o-Xylene
Concen: 112.776 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

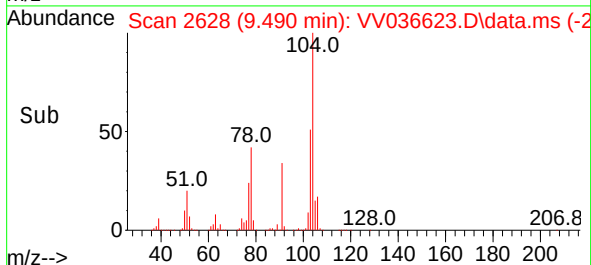
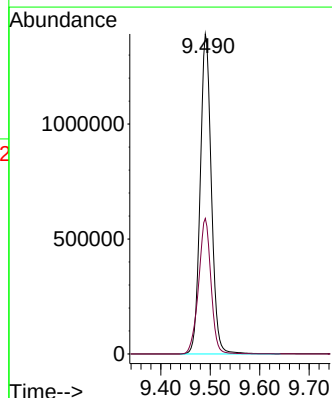
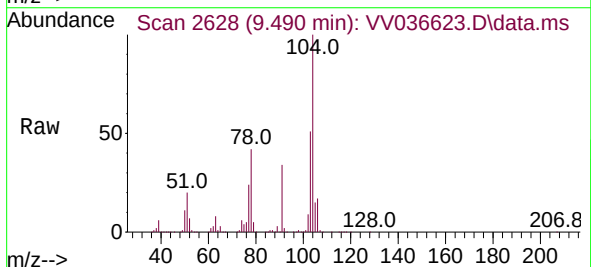
Instrument :
MSVOA_V
ClientSampleId :

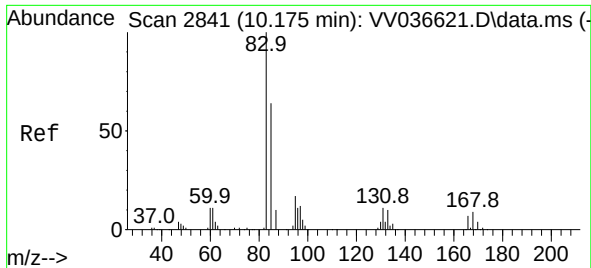
Tgt Ion:106 Resp: 1274564
Ion Ratio Lower Upper
106 100
91 206.1 146.1 271.3



#55
Styrene
Concen: 114.287 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion:104 Resp: 2190184
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1

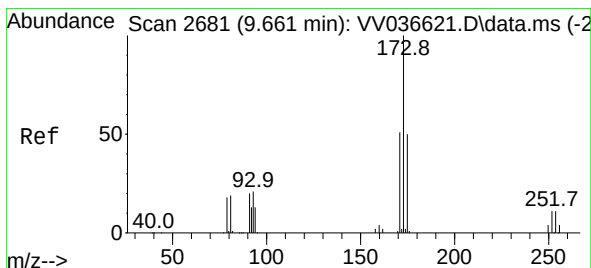
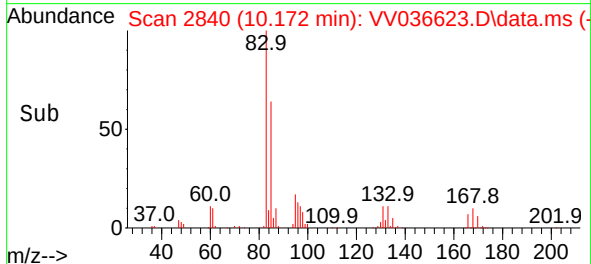
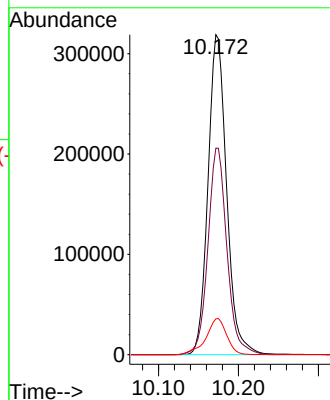
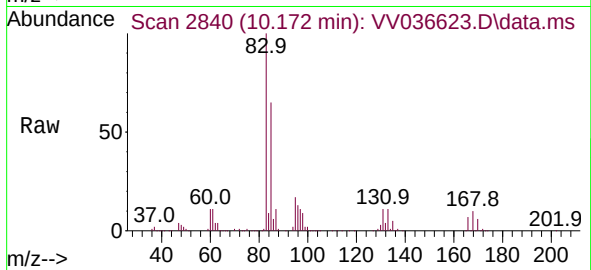




#57
1,1,2,2-Tetrachloroethane
Concen: 102.597 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

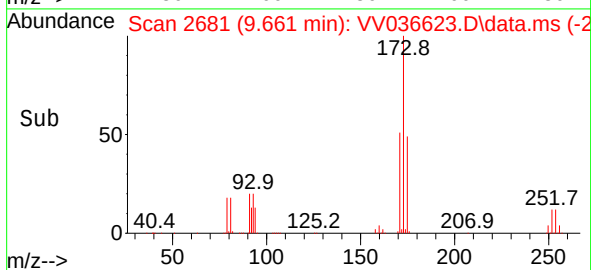
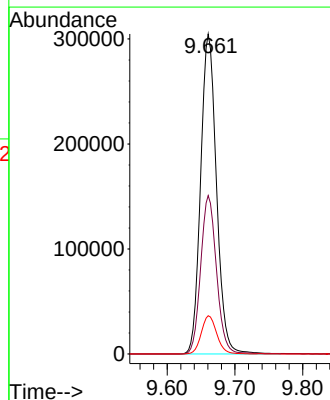
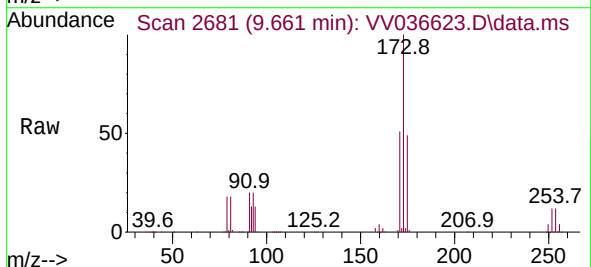
Instrument :
MSVOA_V
ClientSampleId :

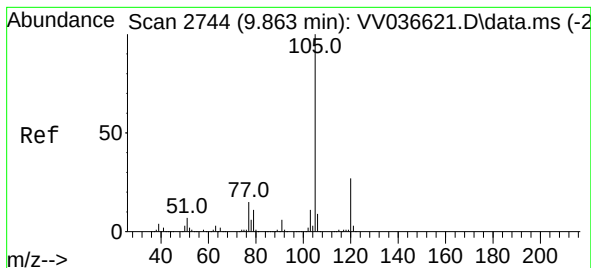
Tgt Ion: 83 Resp: 515957
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3
131 11.2 9.3 13.9



#59
Bromoform
Concen: 102.098 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV036623.D
Acq: 22 Jul 2024 10:29

Tgt Ion: 173 Resp: 494521
Ion Ratio Lower Upper
173 100
175 49.4 39.6 59.4
254 11.7 8.2 12.4





#60

Isopropylbenzene

Concen: 108.715 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

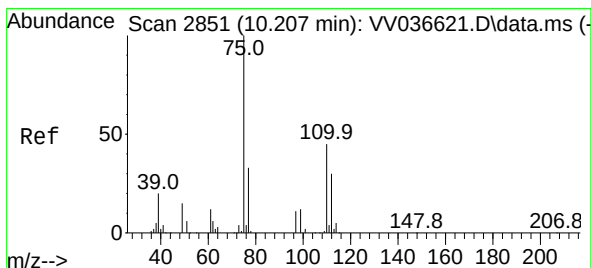
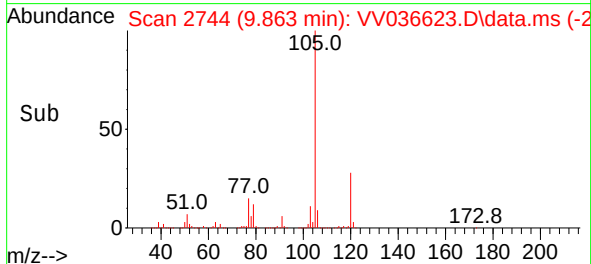
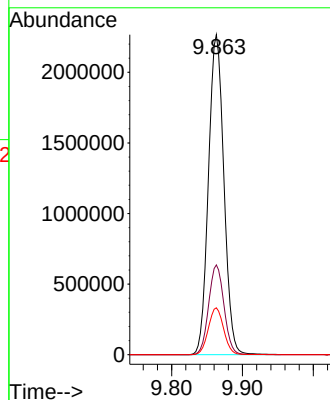
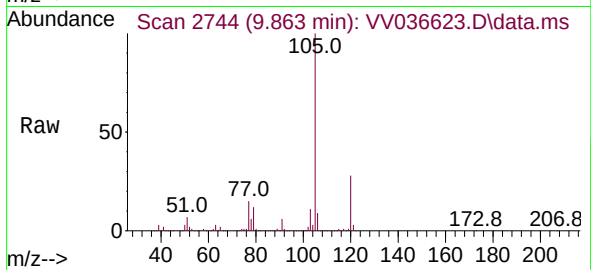
Tgt Ion:105 Resp: 3421507

Ion Ratio Lower Upper

105 100

120 27.9 22.1 33.1

77 14.5 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 98.810 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

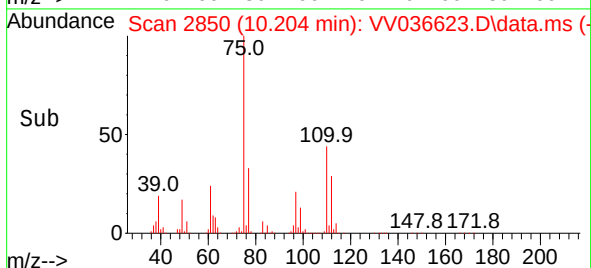
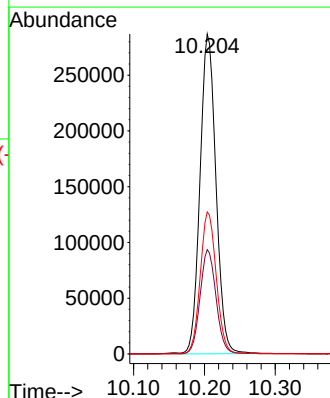
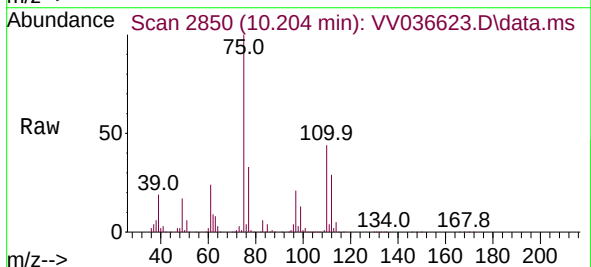
Tgt Ion: 75 Resp: 447990

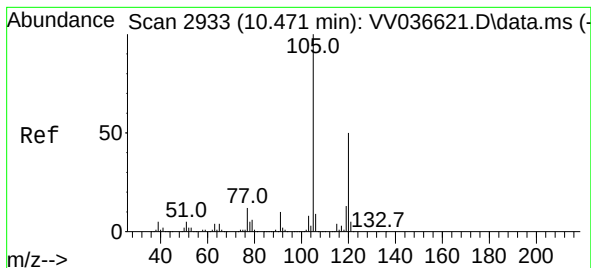
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 44.8 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 118.557 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

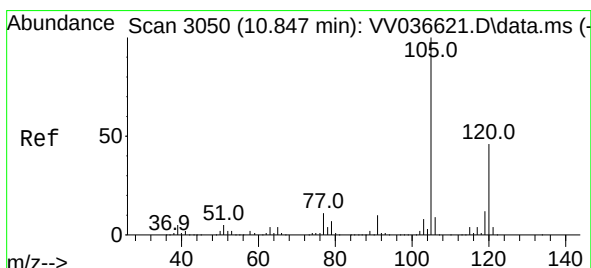
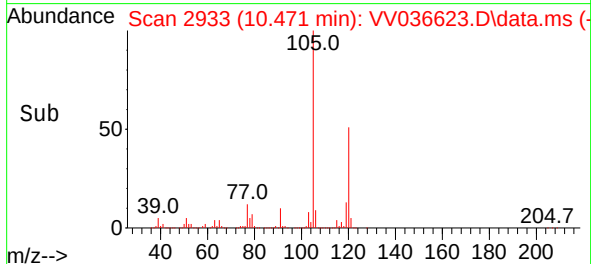
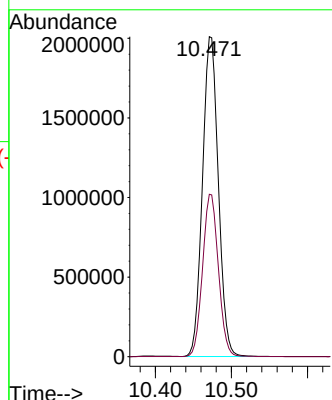
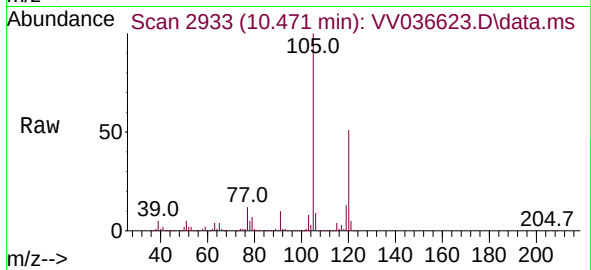
ClientSampleId :

Tgt Ion:105 Resp: 2910462

Ion Ratio Lower Upper

105 100

120 50.5 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 116.502 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036623.D

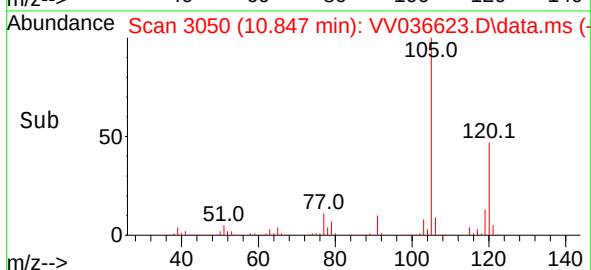
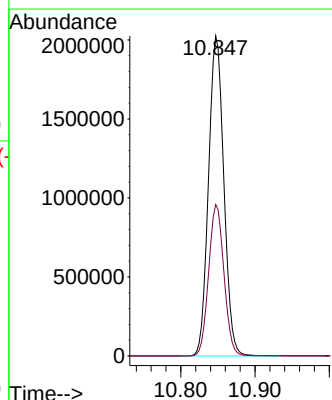
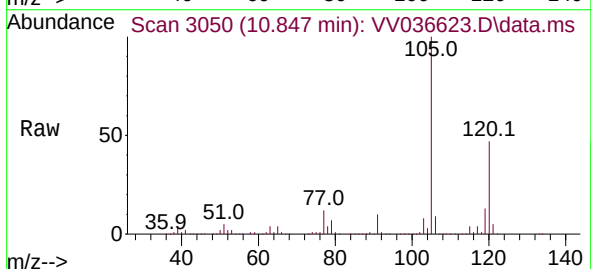
Acq: 22 Jul 2024 10:29

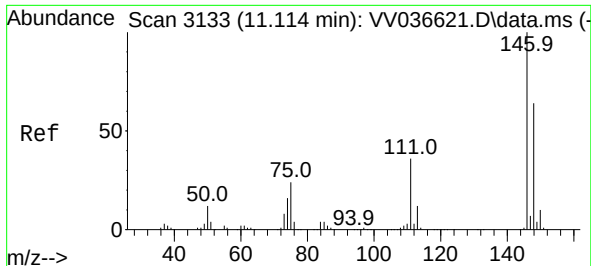
Tgt Ion:105 Resp: 2895138

Ion Ratio Lower Upper

105 100

120 47.2 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 101.300 ug/L

RT: 11.111 min Scan# 3133

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

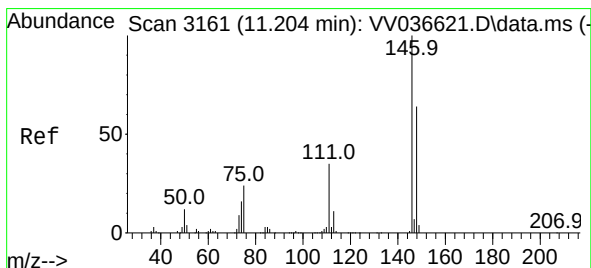
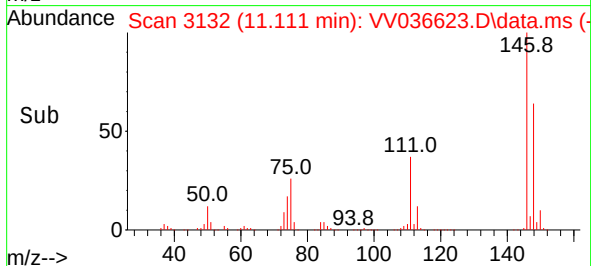
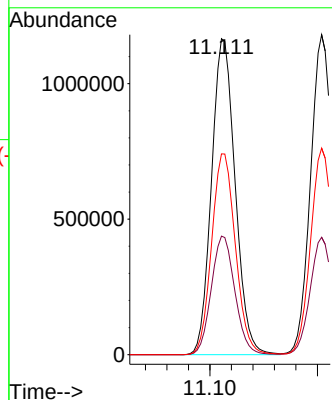
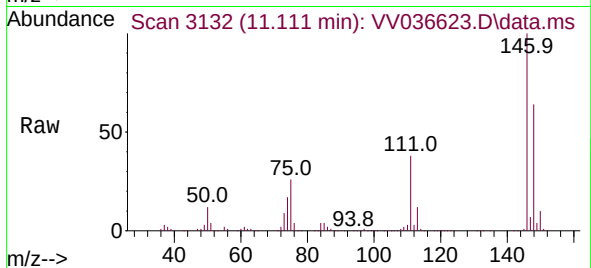
Tgt Ion:146 Resp: 1782219

Ion Ratio Lower Upper

146 100

111 37.5 25.5 47.3

148 63.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 97.463 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

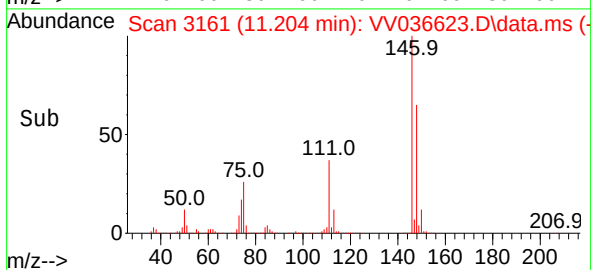
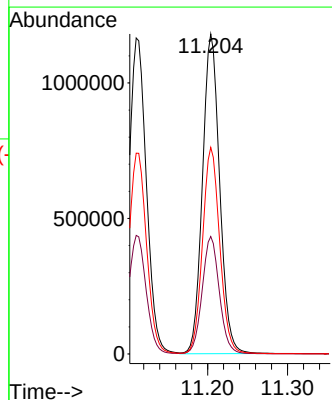
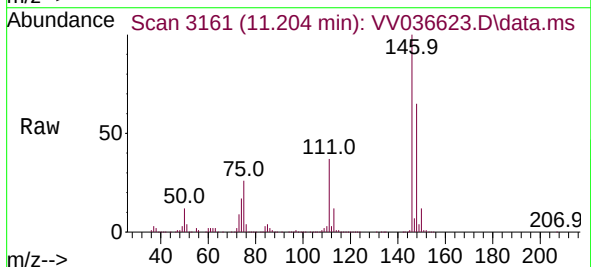
Tgt Ion:146 Resp: 1765847

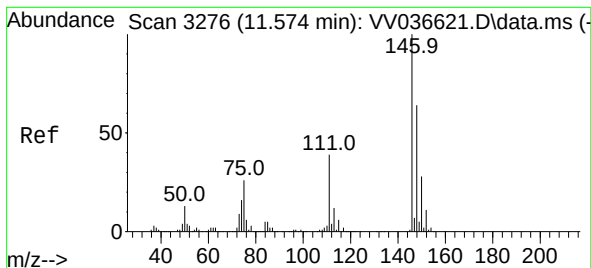
Ion Ratio Lower Upper

146 100

111 36.7 24.9 46.3

148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 99.903 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

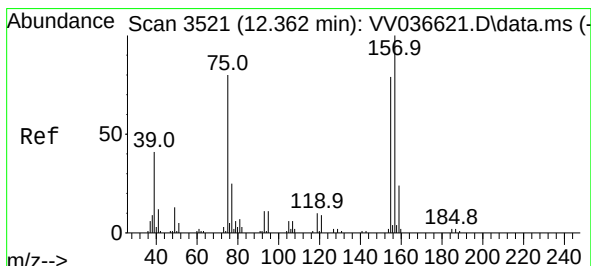
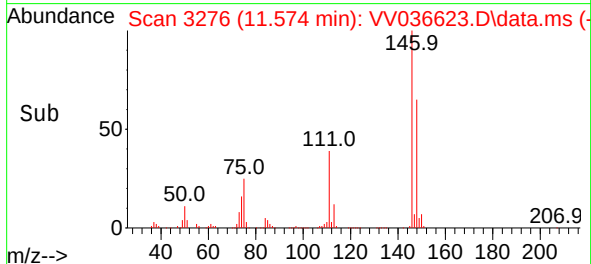
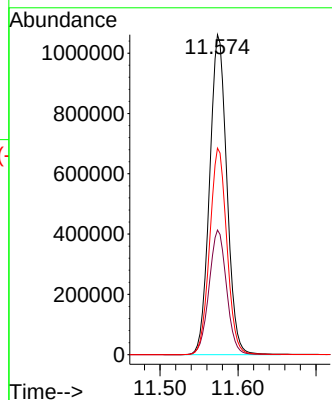
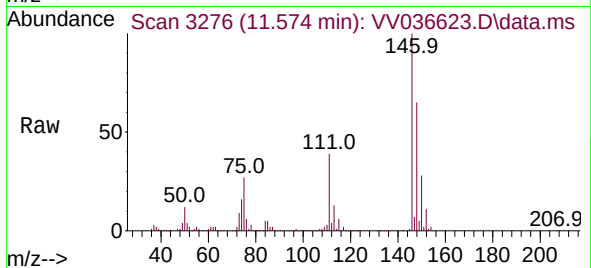
Tgt Ion:146 Resp: 1634274

Ion Ratio Lower Upper

146 100

111 39.0 31.3 46.9

148 64.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 100.103 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

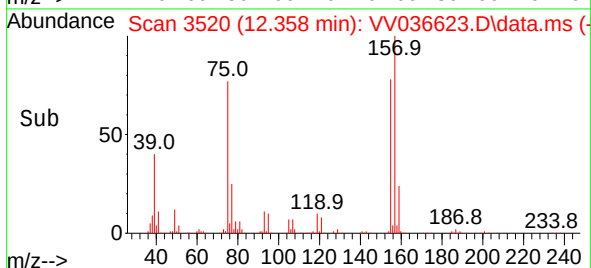
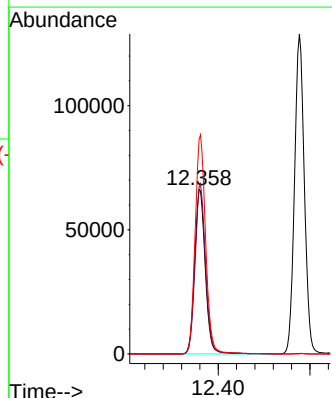
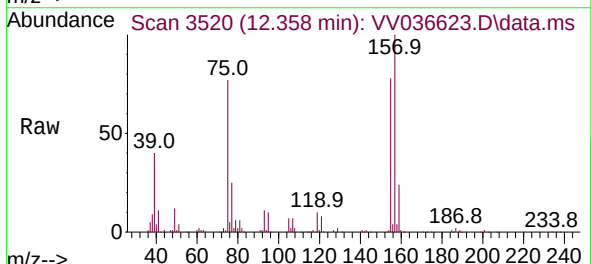
Tgt Ion: 75 Resp: 106878

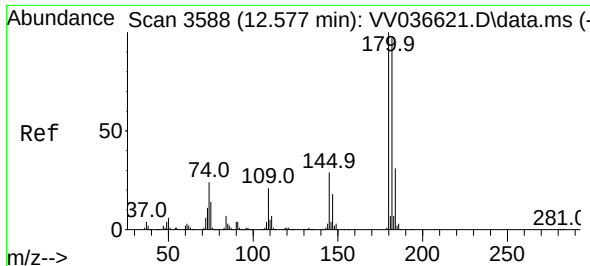
Ion Ratio Lower Upper

75 100

155 101.4 79.5 119.3

157 130.5 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 104.191 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

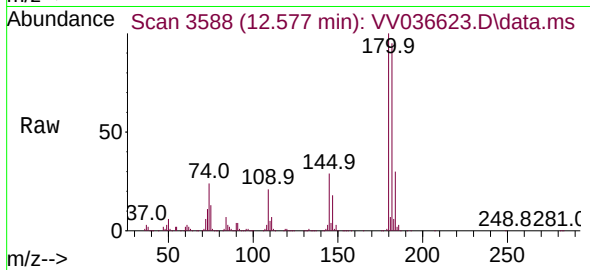
Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1446023

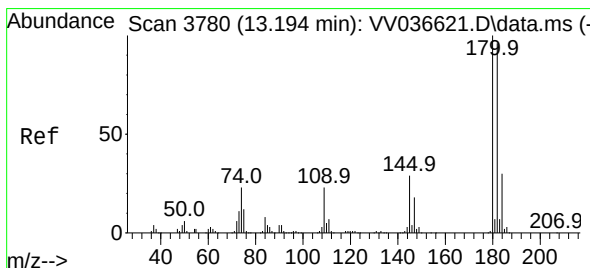
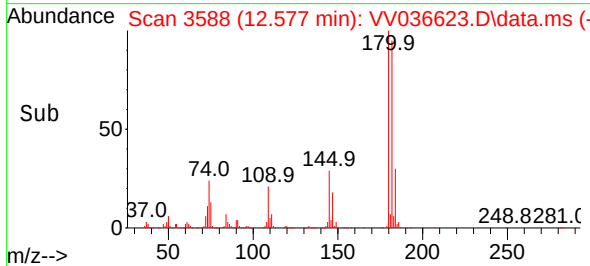
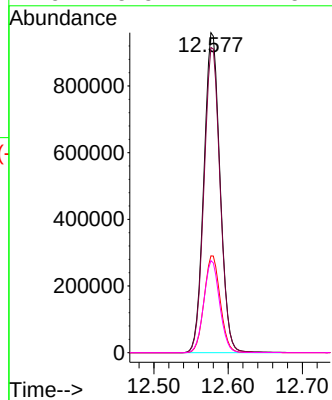
Ion Ratio Lower Upper

180 100

182 95.5 77.0 115.4

184 30.2 24.6 36.8

145 28.3 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 106.835 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

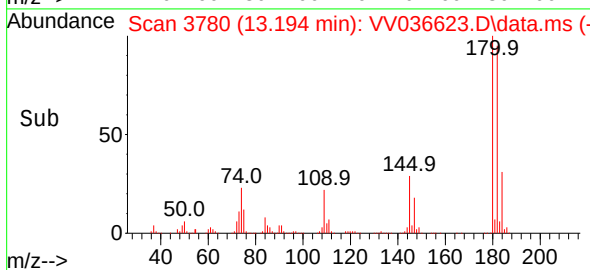
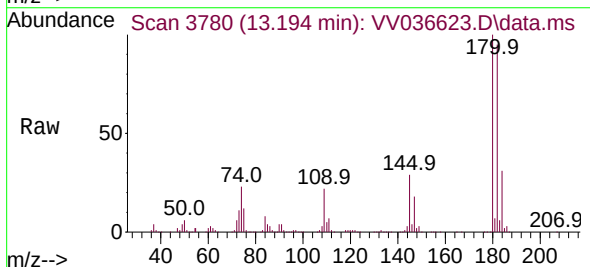
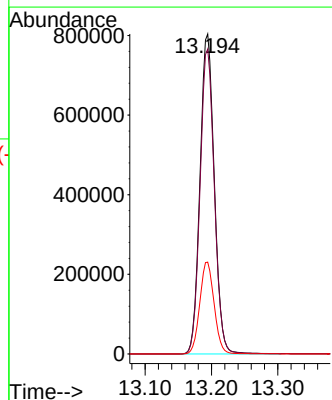
Tgt Ion:180 Resp: 1204424

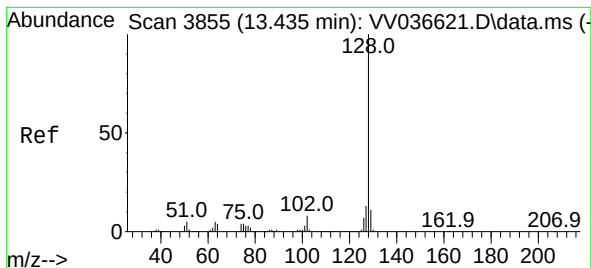
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 28.8 23.0 34.6





#71

Naphthalene

Concen: 117.433 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Instrument :

MSVOA_V

ClientSampleId :

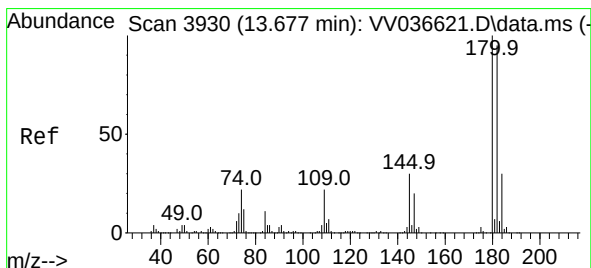
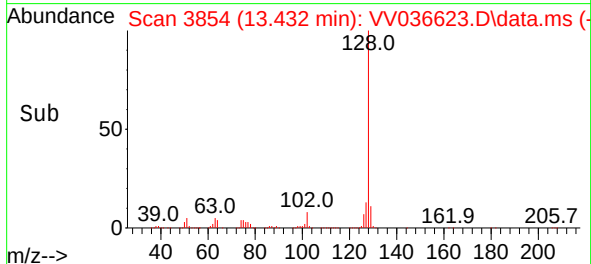
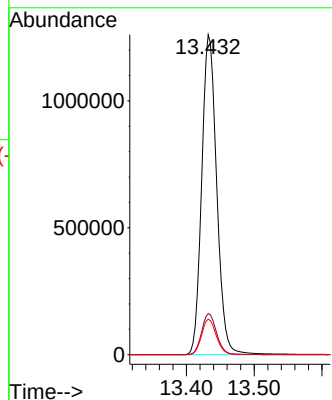
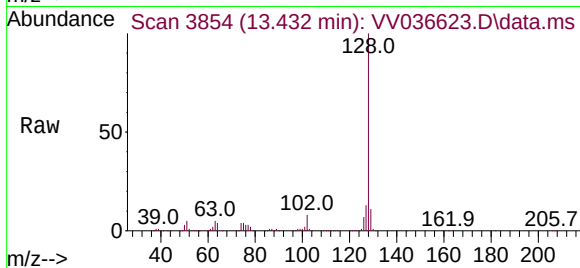
Tgt Ion:128 Resp: 1938771

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 102.645 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036623.D

Acq: 22 Jul 2024 10:29

Tgt Ion:180 Resp: 1044119

Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 30.9 24.6 37.0

