

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036668.D
 Acq On : 24 Jul 2024 13:42
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 02:26:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	372301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	381625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	203437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14104	4.913	ug/L	0.00
7) Chloroethane-d5	1.529	69	11917	6.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	6787	5.614	ug/L	0.00
21) 2-Butanone-d5	3.818	46	4579	3.093	ug/L	0.04
24) Chloroform-d	4.249	84	27601	5.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	16053	5.471	ug/L	0.01
32) Benzene-d6	4.960	84	46088	4.701	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	13261	4.442	ug/L	0.00
41) Toluene-d8	7.246	98	41801	4.649	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	5671	3.967	ug/L	0.02
47) 2-Hexanone-d5	8.040	63	5267	5.783	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	20569	4.789	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	20242	5.643	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	19134	6.743	ug/L	100
3) Chloromethane	1.214	50	13723	5.087	ug/L	97
5) Vinyl chloride	1.278	62	16203	5.547	ug/L	99
6) Bromomethane	1.484	94	13714	7.342	ug/L	97
8) Chloroethane	1.545	64	10820	7.845	ug/L	97
9) Trichlorofluoromethane	1.709	101	29934	7.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	18044	6.975	ug/L	99
12) 1,1-Dichloroethene	2.066	96	15888	6.862	ug/L	98
13) Acetone	2.108	43	18808	11.185	ug/L	95
14) Carbon disulfide	2.236	76	39347	6.244	ug/L	98
15) Methyl Acetate	2.378	43	10231	3.883	ug/L	99
16) Methylene chloride	2.442	84	17142	6.140	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	14308	5.908	ug/L	95
18) Methyl tert-butyl Ether	2.700	73	34730	4.455	ug/L	99
19) 1,1-Dichloroethane	3.108	63	24537	5.145	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	14622	5.426	ug/L	96
22) 2-Butanone	3.902	43	5119	2.714	ug/L	96
23) Bromochloromethane	4.153	128	9642	6.262	ug/L	94
25) Chloroform	4.272	83	30181	5.935	ug/L	99
27) 1,2-Dichloroethane	5.047	62	19391	5.205	ug/L	97
29) Cyclohexane	4.574	56	13242	3.917	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	26572	6.006	ug/L	99
31) Carbon tetrachloride	4.728	117	25558	6.514	ug/L	96
33) Benzene	5.011	78	48917	4.813	ug/L	100
34) Trichloroethene	5.838	95	19627	6.796	ug/L	98
35) Methylcyclohexane	6.043	83	18789	4.699	ug/L	95
37) 1,2-Dichloropropane	6.095	63	12057	4.381	ug/L	100
38) Bromodichloromethane	6.436	83	21363	5.522	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	15179	3.621	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	19554	6.052	ug/L	92
42) Toluene	7.317	91	51950	4.822	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	16789	4.183	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036668.D
 Acq On : 24 Jul 2024 13:42
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

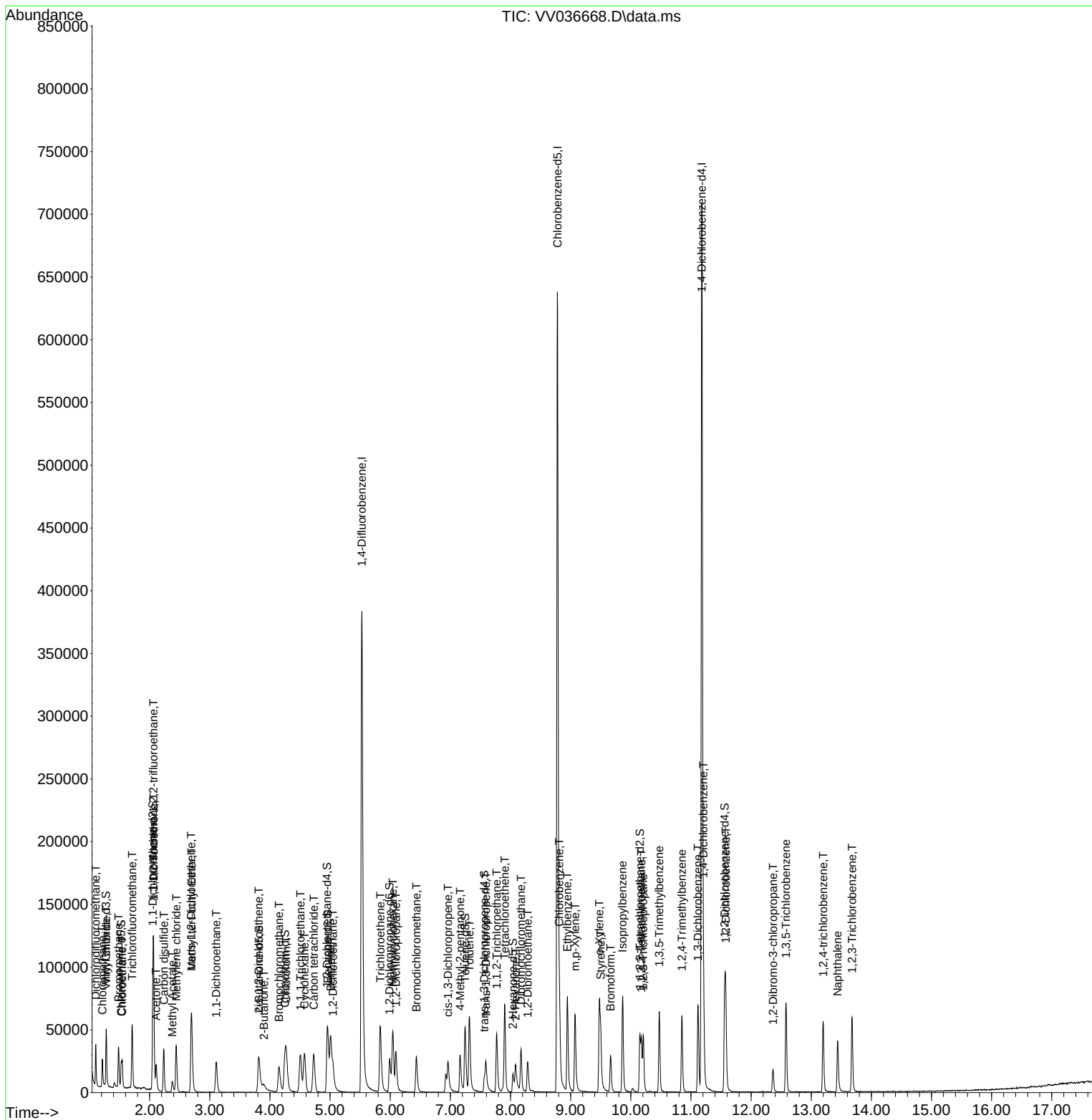
Quant Time: Jul 25 02:26:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

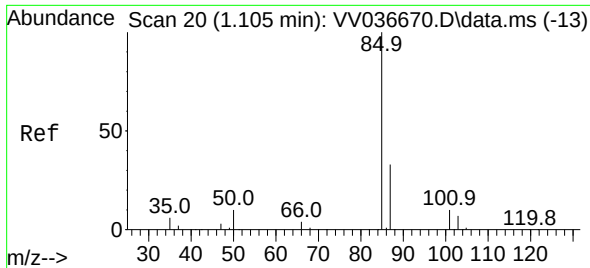
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	15995	5.351	ug/L	97
46) Tetrachloroethene	7.905	164	17842	7.799	ug/L	99
48) 2-Hexanone	8.085	43	13570	4.991	ug/L #	89
49) Dibromochloromethane	8.175	129	18539	5.911	ug/L	99
50) 1,2-Dibromoethane	8.288	107	17964	5.805	ug/L	97
51) Chlorobenzene	8.812	112	42127	5.513	ug/L	97
52) Ethylbenzene	8.947	91	54644	4.663	ug/L	99
53) m,p-Xylene	9.075	106	19580	4.374	ug/L	99
54) o-Xylene	9.477	106	18313	4.189	ug/L	95
55) Styrene	9.500	104	30155	3.998	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.175	83	19624	4.248	ug/L	99
59) Bromoform	9.664	173	14263	5.755	ug/L	97
60) Isopropylbenzene	9.863	105	48294	4.154	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	18271	4.898	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	35347	3.798	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	34347	3.760	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	33710	5.530	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	38057	5.937	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	34635	5.575	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	5240	5.900	ug/L	89
69) 1,3,5-Trichlorobenzene	12.580	180	24650	5.648	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	18846	5.317	ug/L	97
71) Naphthalene	13.439	128	38600	4.619	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	20326	5.720	ug/L	100

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

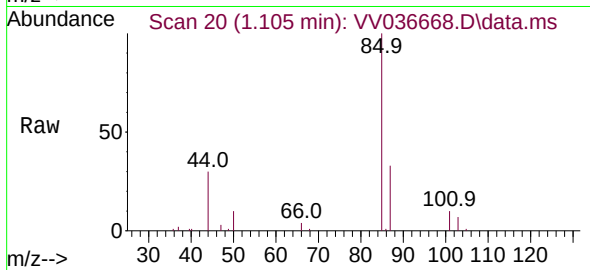
Quant Time: Jul 25 02:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 02:25:25 2024
Response via : Initial Calibration



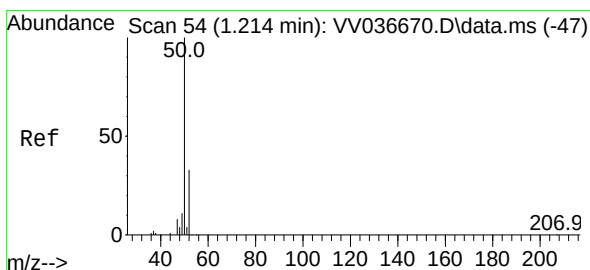
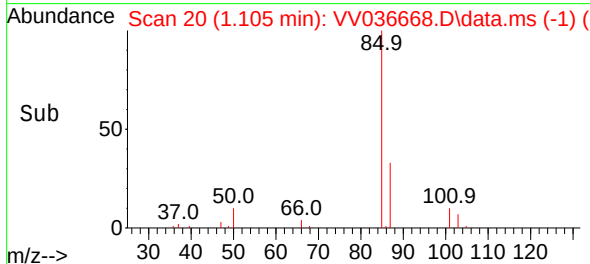
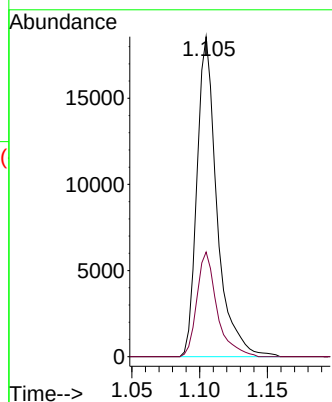


#2
 Dichlorodifluoromethane
 Concen: 6.743 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV036668.D
 Acq: 24 Jul 2024 13:42

Instrument :
 MSVOA_V
 ClientSampleId :

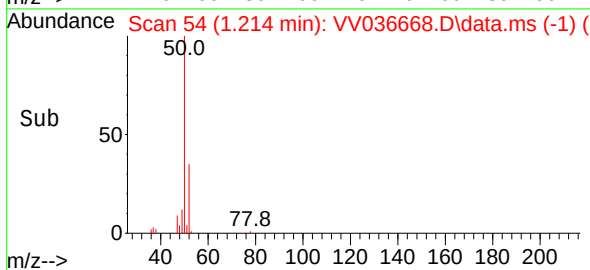
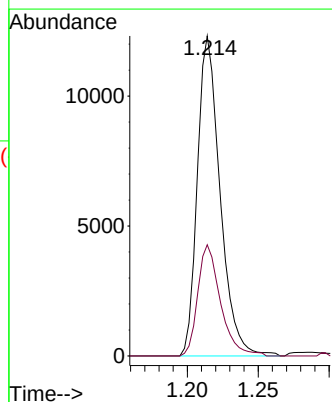
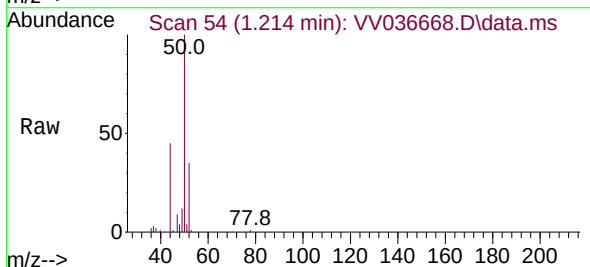


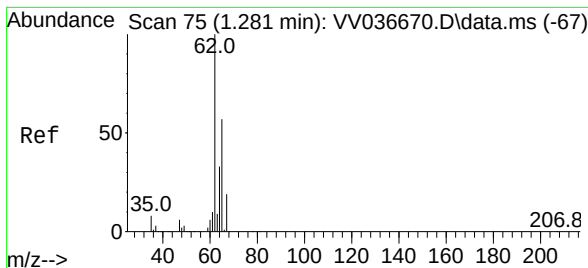
Tgt Ion: 85 Resp: 19134
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 5.087 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV036668.D
 Acq: 24 Jul 2024 13:42

Tgt Ion: 50 Resp: 13723
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.0





#5

Vinyl chloride

Concen: 5.547 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

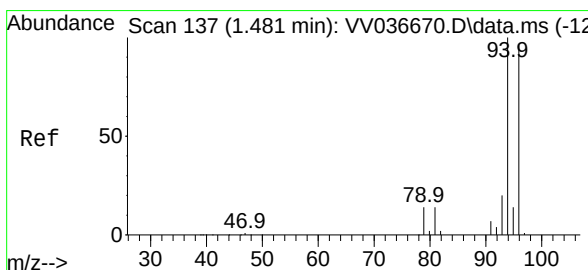
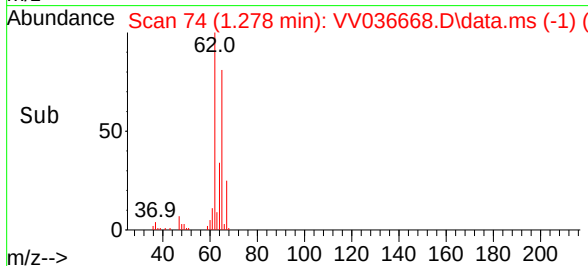
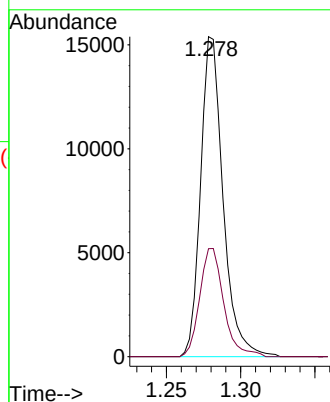
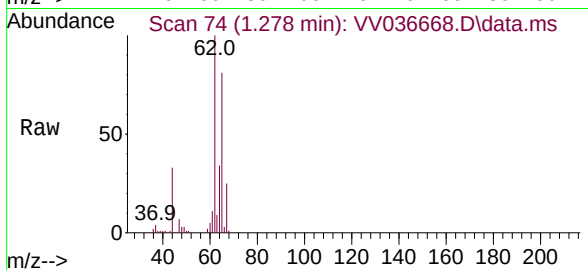
ClientSampleId :

Tgt Ion: 62 Resp: 16203

Ion Ratio Lower Upper

62 100

64 33.7 23.1 42.9



#6

Bromomethane

Concen: 7.342 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.003 min

Lab File: VV036668.D

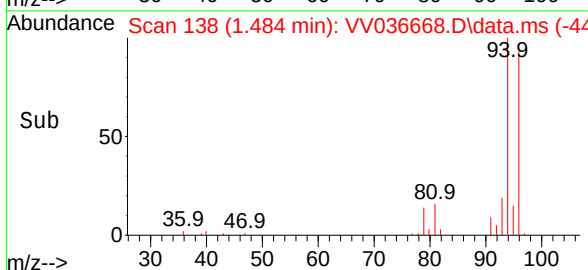
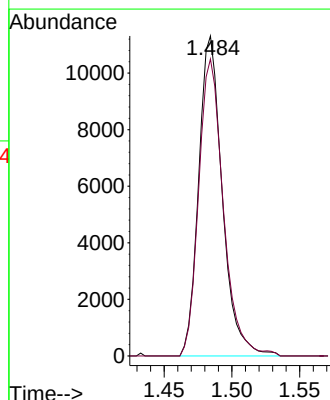
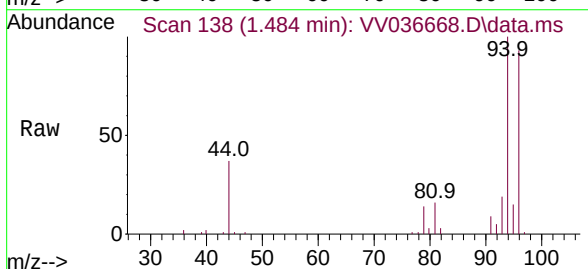
Acq: 24 Jul 2024 13:42

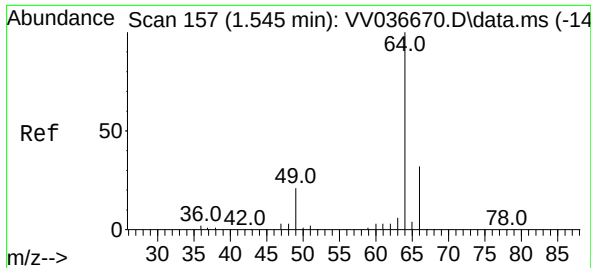
Tgt Ion: 94 Resp: 13714

Ion Ratio Lower Upper

94 100

96 92.8 66.8 124.2

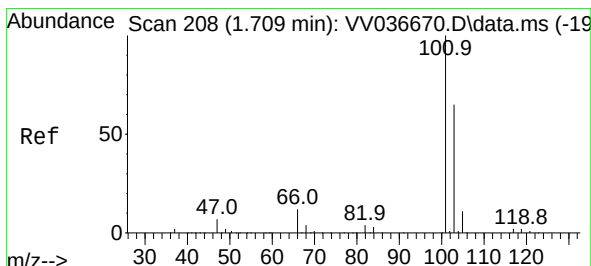
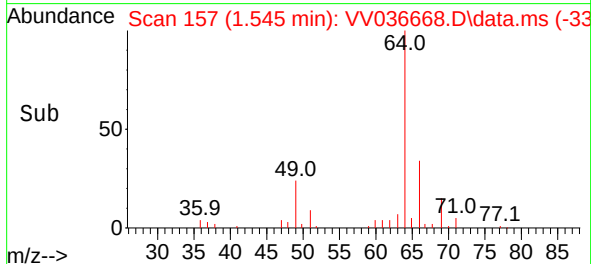
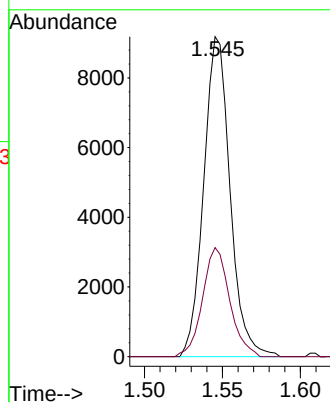
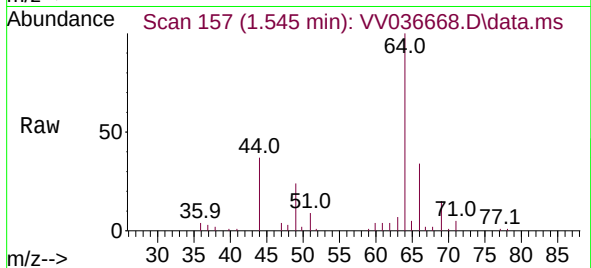




#8
Chloroethane
Concen: 7.845 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

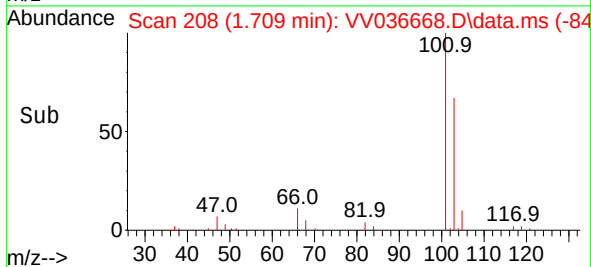
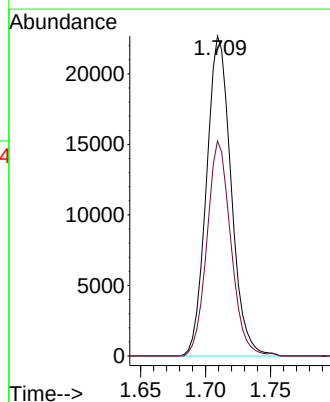
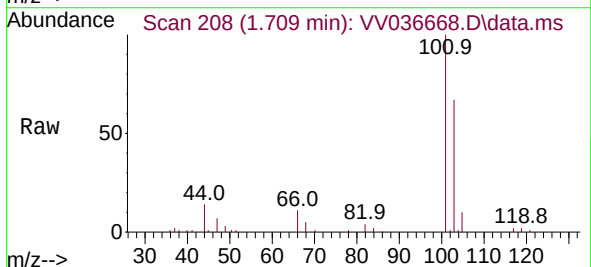
Instrument :
MSVOA_V
ClientSampleId :

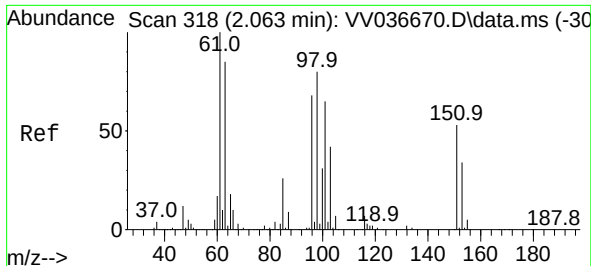
Tgt Ion: 64 Resp: 10820
Ion Ratio Lower Upper
64 100
66 34.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 7.150 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion:101 Resp: 29934
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

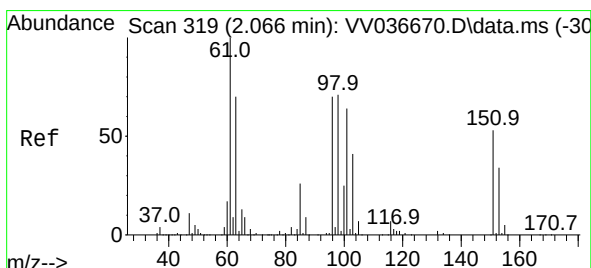
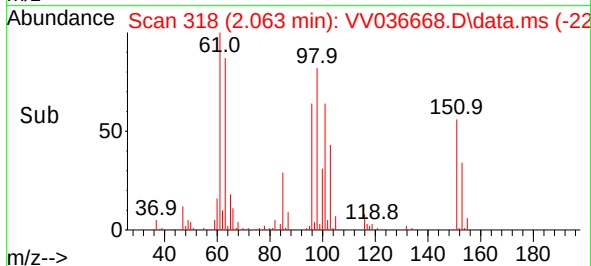
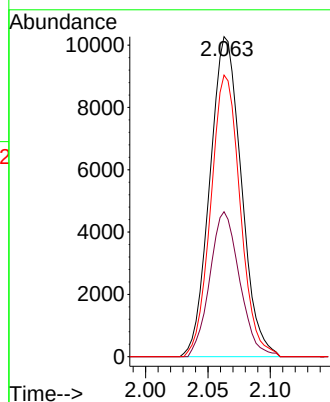
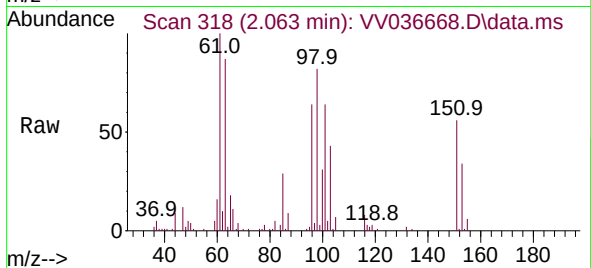




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.975 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

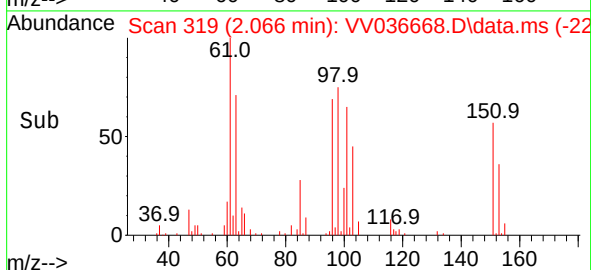
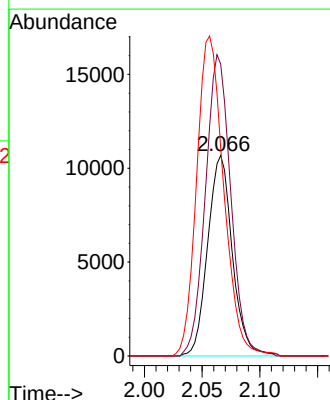
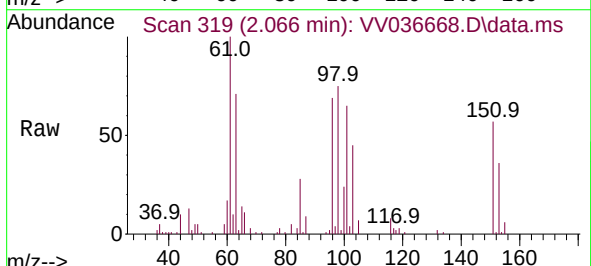
Instrument :
MSVOA_V
ClientSampleId :

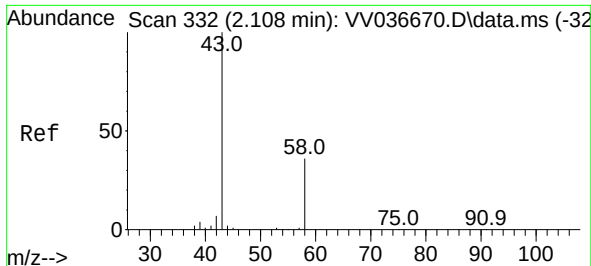
Tgt Ion:101 Resp: 18044
Ion Ratio Lower Upper
101 100
85 42.9 32.4 48.6
151 82.4 65.7 98.5



#12
1,1-Dichloroethene
Concen: 6.862 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 96 Resp: 15888
Ion Ratio Lower Upper
96 100
61 145.5 100.4 186.4
63 103.9 70.8 131.4





#13

Acetone

Concen: 11.185 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

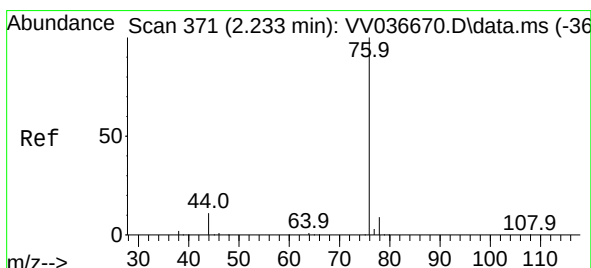
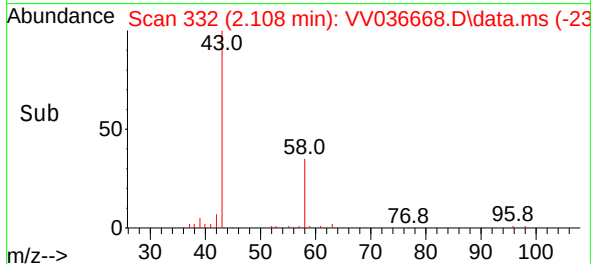
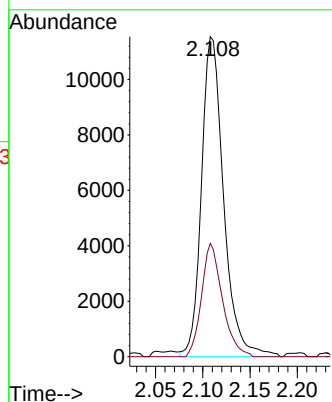
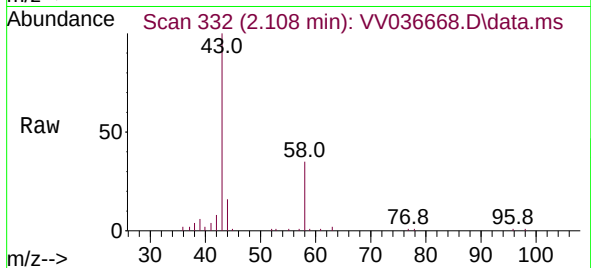
ClientSampleId :

Tgt Ion: 43 Resp: 18808

Ion Ratio Lower Upper

43 100

58 33.2 0.0 72.4



#14

Carbon disulfide

Concen: 6.244 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV036668.D

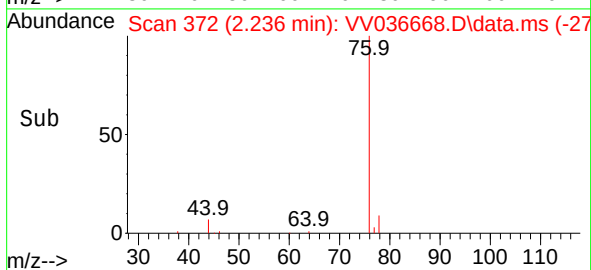
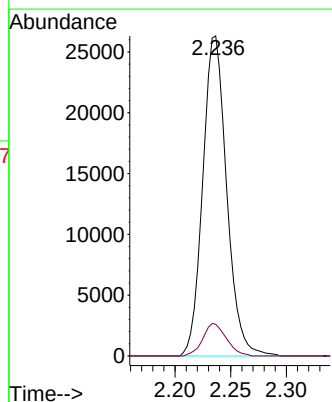
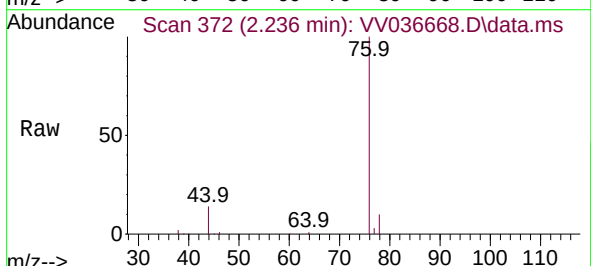
Acq: 24 Jul 2024 13:42

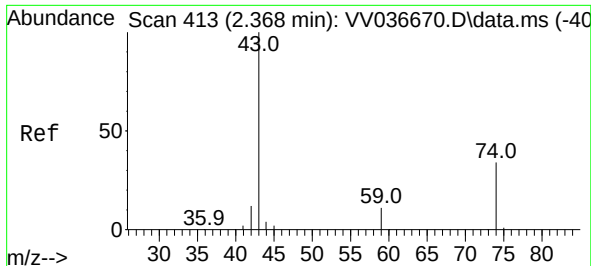
Tgt Ion: 76 Resp: 39347

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2





#15

Methyl Acetate

Concen: 3.883 ug/L

RT: 2.378 min Scan# 413

Delta R.T. 0.010 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

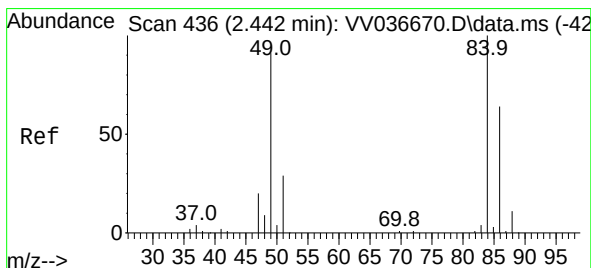
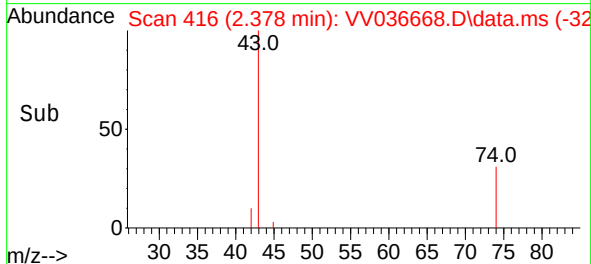
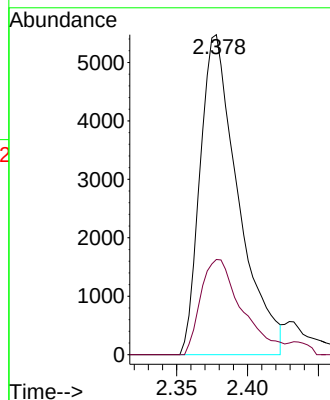
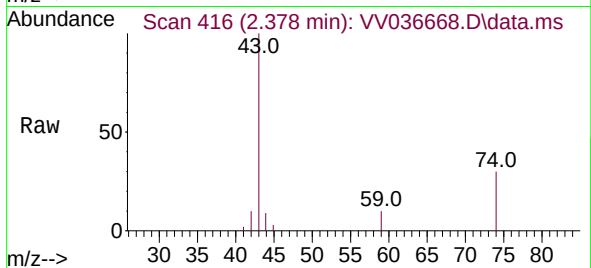
ClientSampleId :

Tgt Ion: 43 Resp: 10231

Ion Ratio Lower Upper

43 100

74 32.5 26.5 39.7



#16

Methylene chloride

Concen: 6.140 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

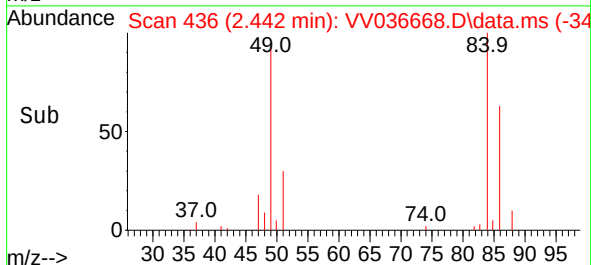
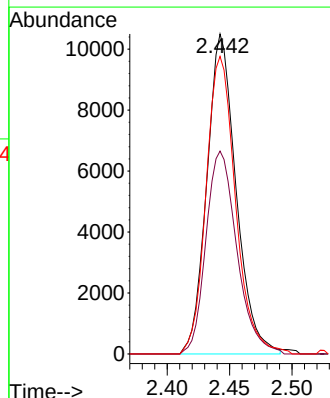
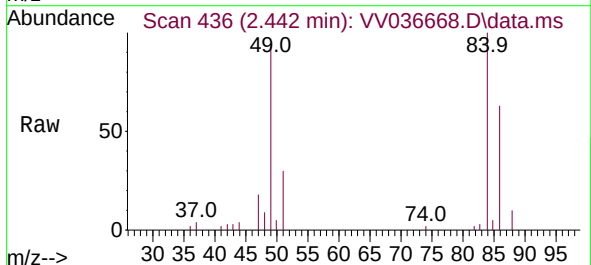
Tgt Ion: 84 Resp: 17142

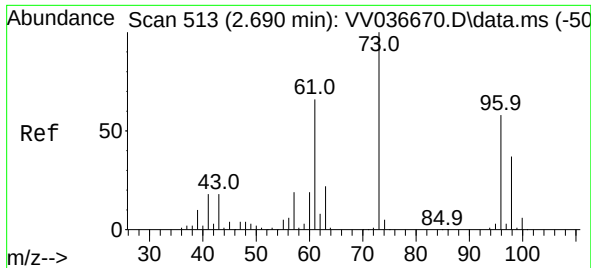
Ion Ratio Lower Upper

84 100

86 63.4 45.1 83.9

49 93.0 63.3 117.7





#17

trans-1,2-Dichloroethene

Concen: 5.908 ug/L

RT: 2.693 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

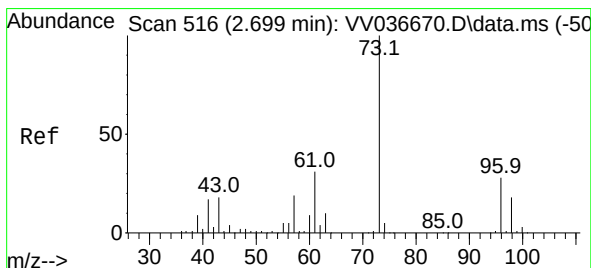
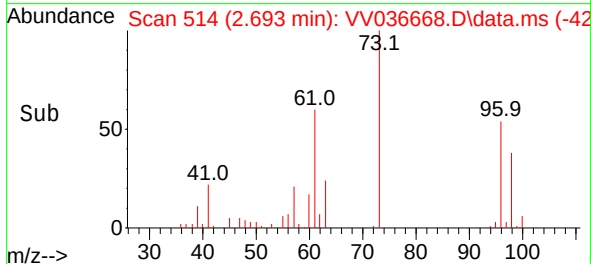
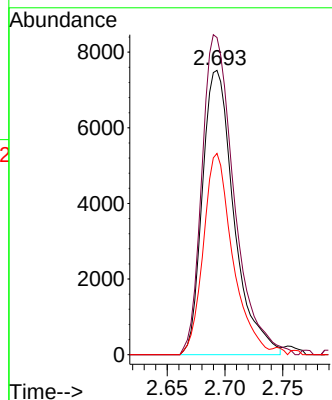
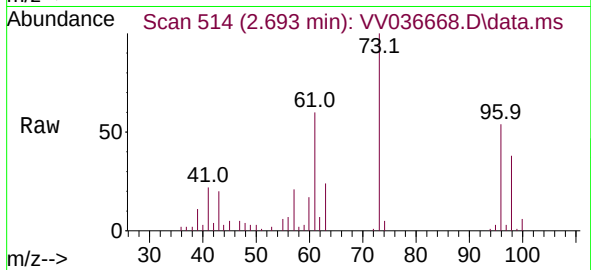
Tgt Ion: 96 Resp: 14308

Ion Ratio Lower Upper

96 100

61 111.5 80.2 148.9

98 70.8 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 4.455 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

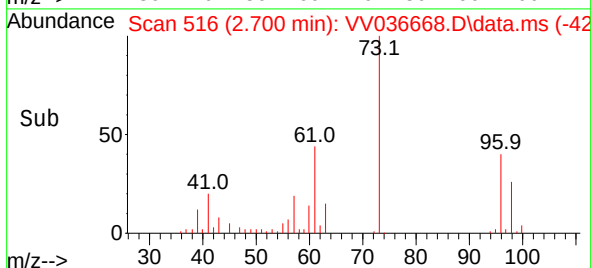
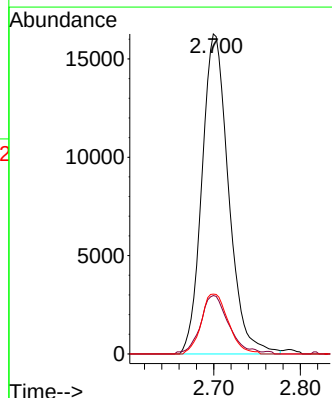
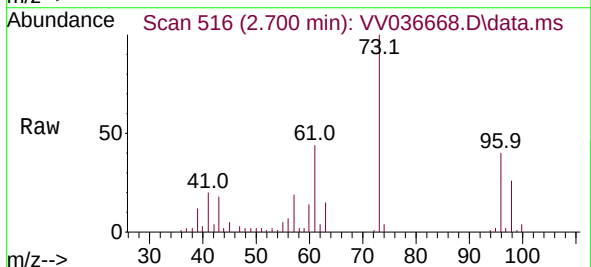
Tgt Ion: 73 Resp: 34730

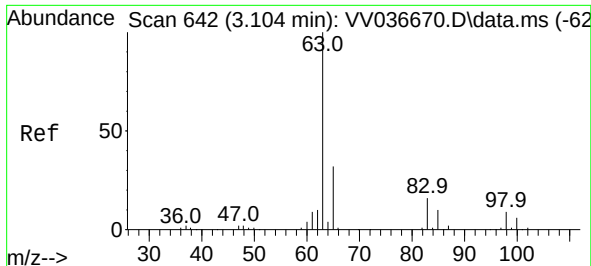
Ion Ratio Lower Upper

73 100

43 18.9 14.3 21.5

57 18.9 15.2 22.8

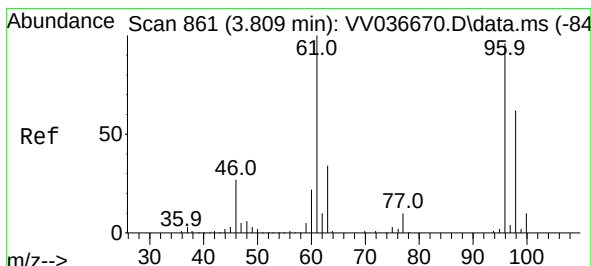
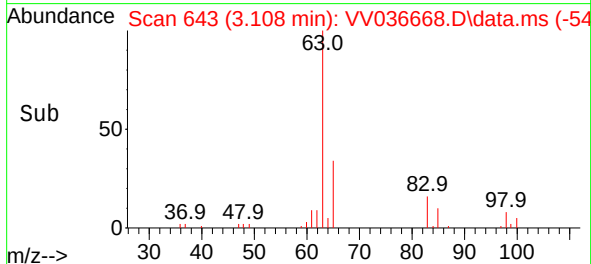
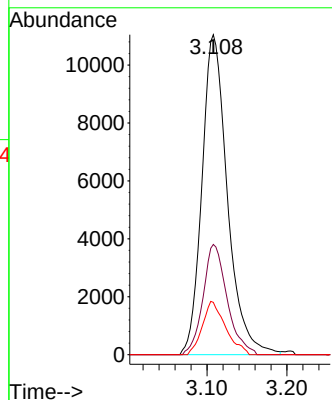
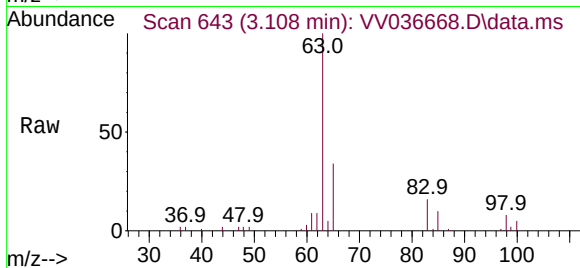




#19
1,1-Dichloroethane
Concen: 5.145 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

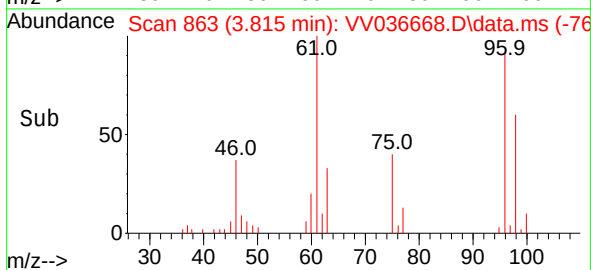
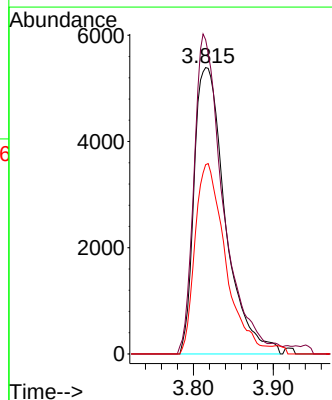
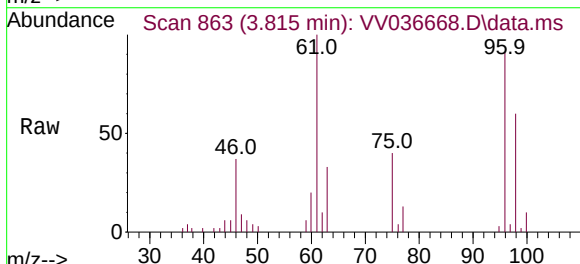
Instrument :
MSVOA_V
ClientSampleId :

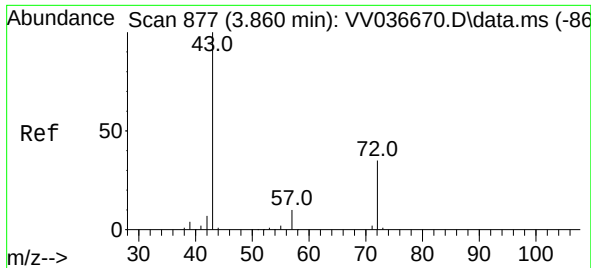
Tgt Ion: 63 Resp: 24537
Ion Ratio Lower Upper
63 100
65 34.4 22.7 42.3
83 16.3 11.0 20.4



#20
cis-1,2-Dichloroethene
Concen: 5.426 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 96 Resp: 14622
Ion Ratio Lower Upper
96 100
61 109.7 73.4 136.2
98 66.1 45.2 84.0

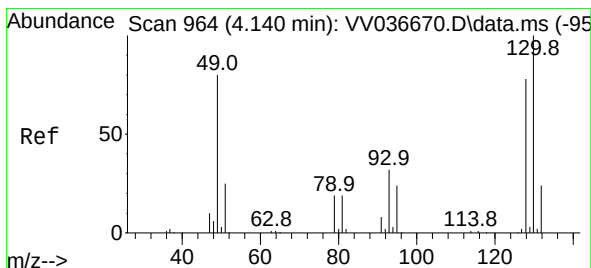
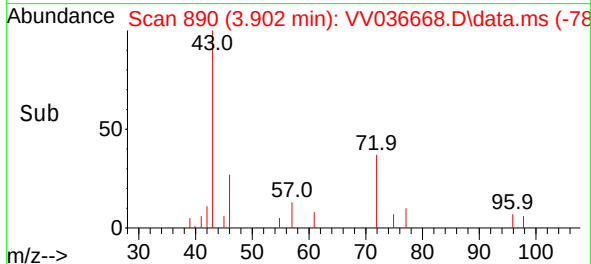
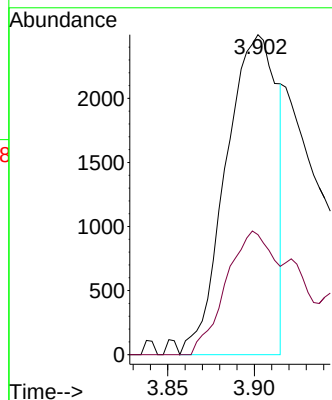
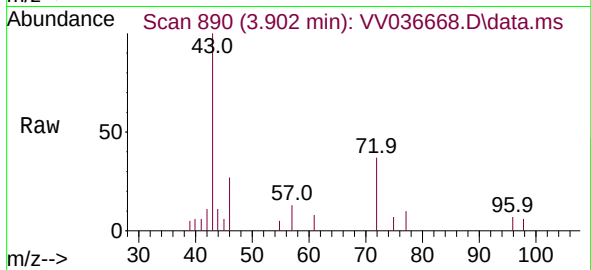




#22
2-Butanone
Concen: 2.714 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.042 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

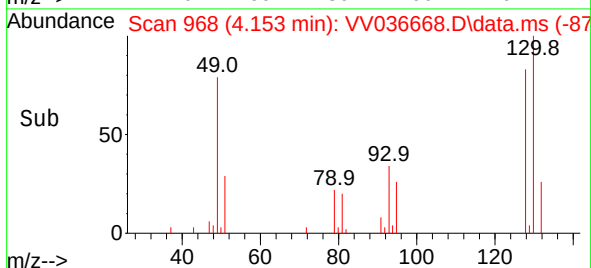
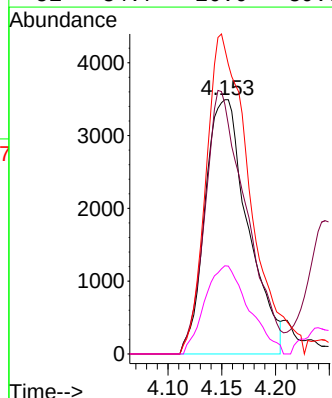
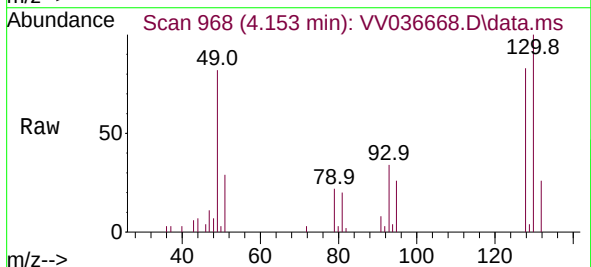
Instrument :
MSVOA_V
ClientSampleId :

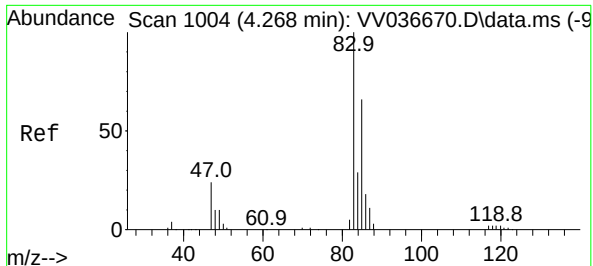
Tgt Ion: 43 Resp: 5119
Ion Ratio Lower Upper
43 100
72 36.8 17.2 51.6



#23
Bromochloromethane
Concen: 6.262 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.013 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 128 Resp: 9642
Ion Ratio Lower Upper
128 100
49 98.3 72.2 134.0
130 120.0 90.2 167.6
51 34.7 26.0 39.0





#25

Chloroform

Concen: 5.935 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

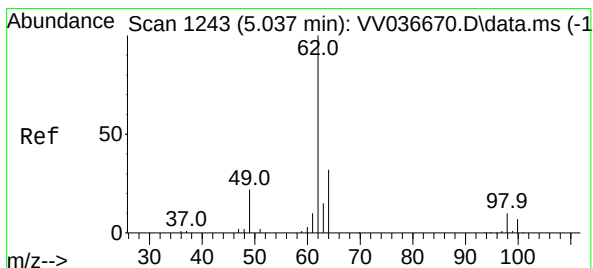
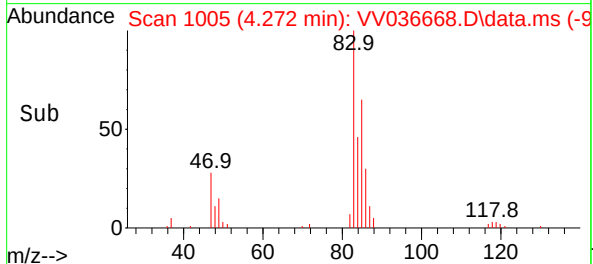
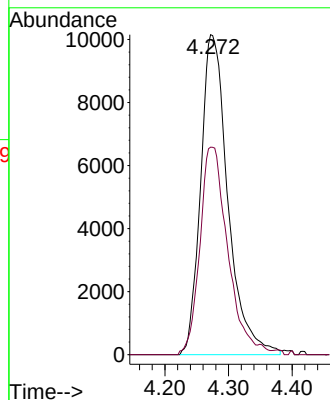
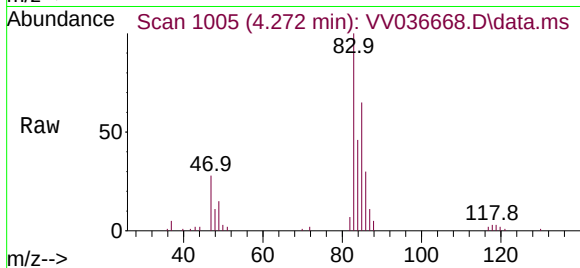
ClientSampleId :

Tgt Ion: 83 Resp: 30181

Ion Ratio Lower Upper

83 100

85 64.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.205 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.010 min

Lab File: VV036668.D

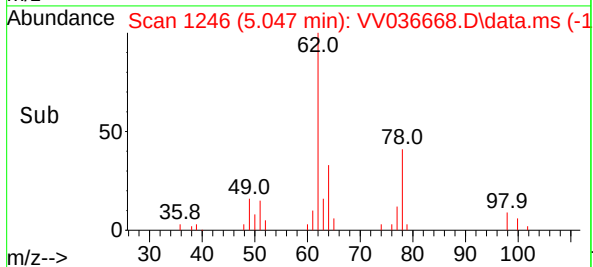
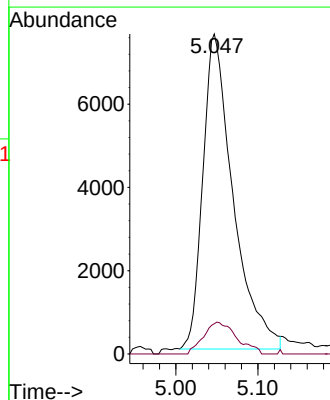
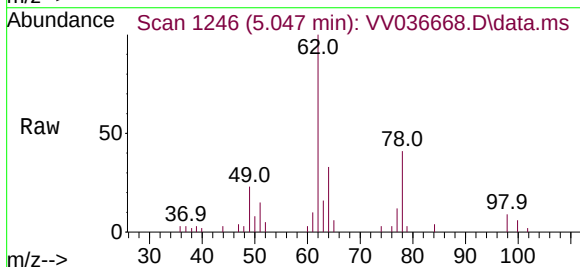
Acq: 24 Jul 2024 13:42

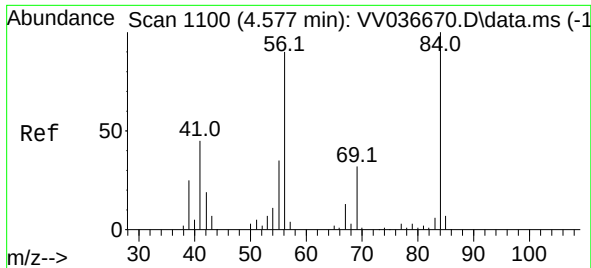
Tgt Ion: 62 Resp: 19391

Ion Ratio Lower Upper

62 100

98 9.4 8.3 12.5





#29

Cyclohexane

Concen: 3.917 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

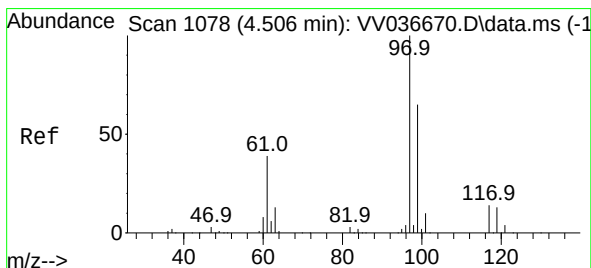
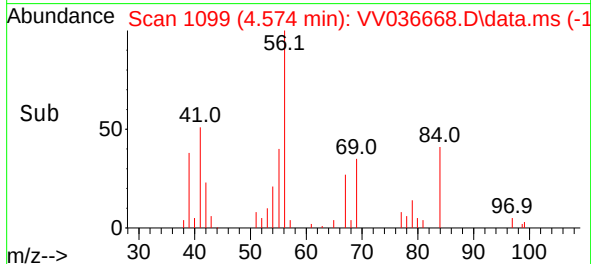
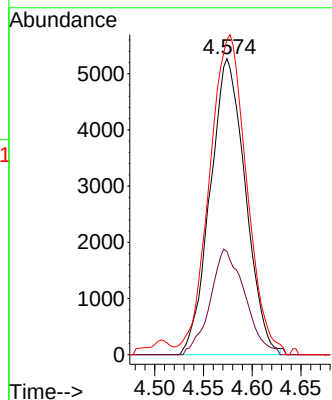
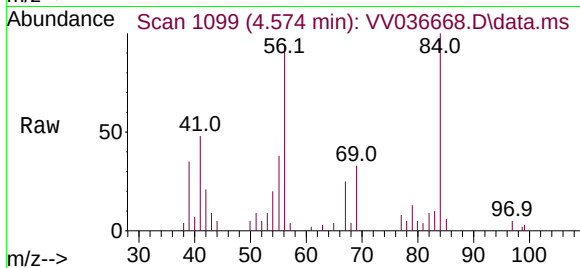
Tgt Ion: 56 Resp: 13242

Ion Ratio Lower Upper

56 100

69 35.0 28.8 43.2

84 114.3 90.5 135.7



#30

1,1,1-Trichloroethane

Concen: 6.006 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

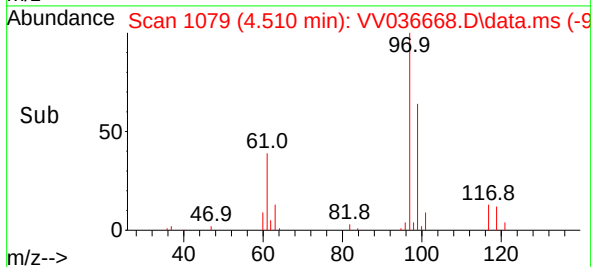
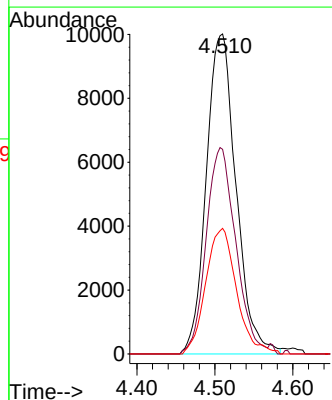
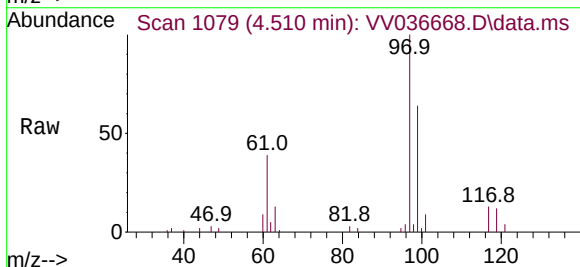
Tgt Ion: 97 Resp: 26572

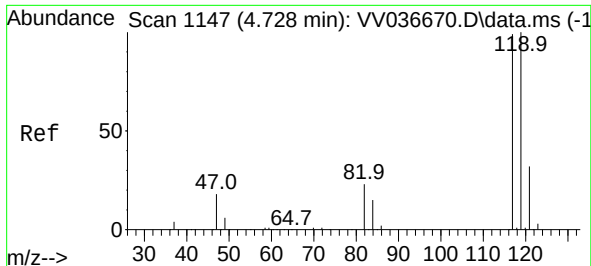
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 39.6 31.6 47.4

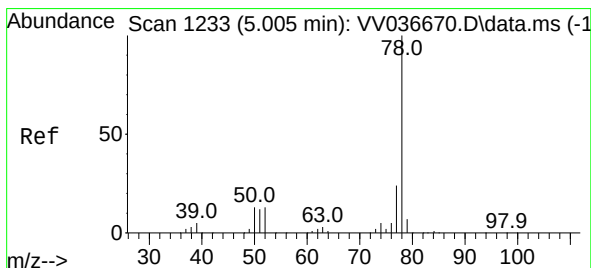
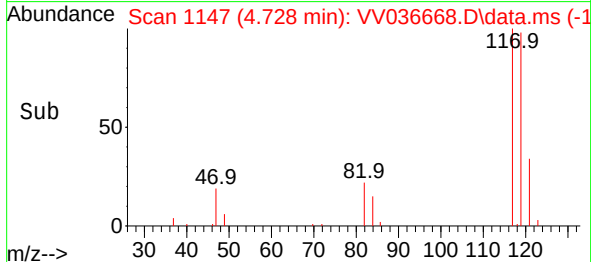
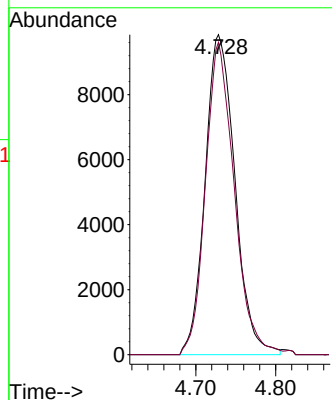
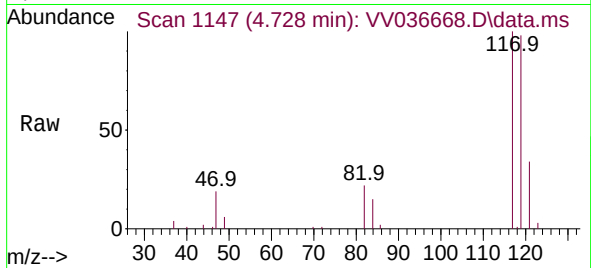




#31
Carbon tetrachloride
Concen: 6.514 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

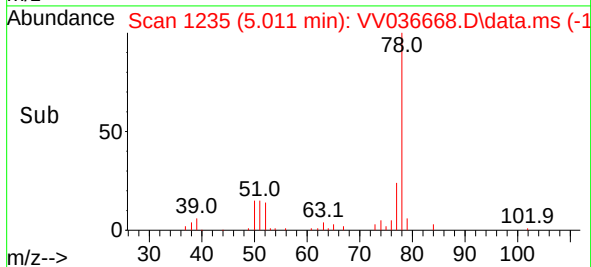
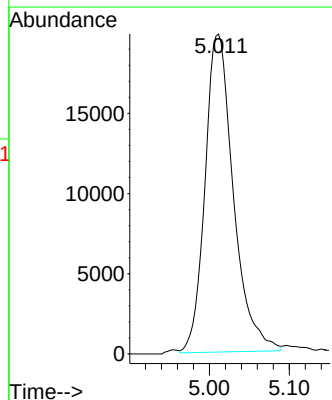
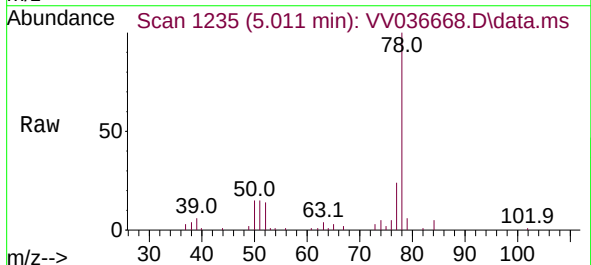
Instrument :
MSVOA_V
ClientSampleId :

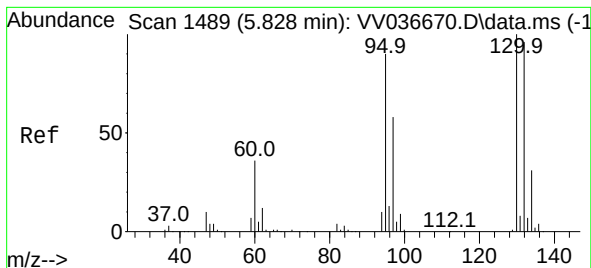
Tgt Ion:117 Resp: 25558
Ion Ratio Lower Upper
117 100
119 93.8 77.9 116.9



#33
Benzene
Concen: 4.813 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.007 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 78 Resp: 48917





#34

Trichloroethene

Concen: 6.796 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

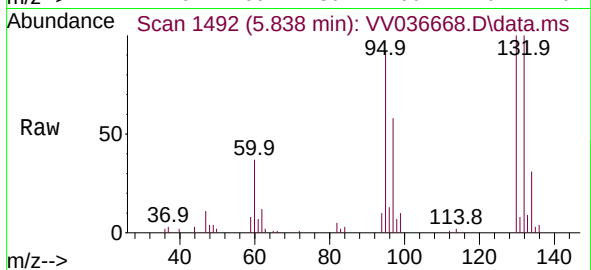
Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 19627

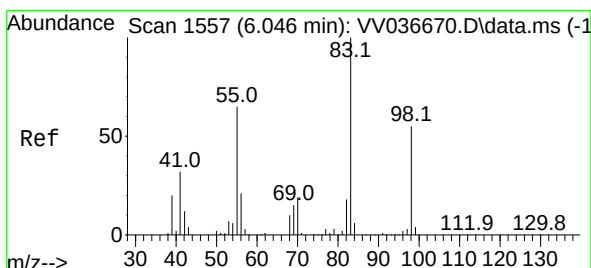
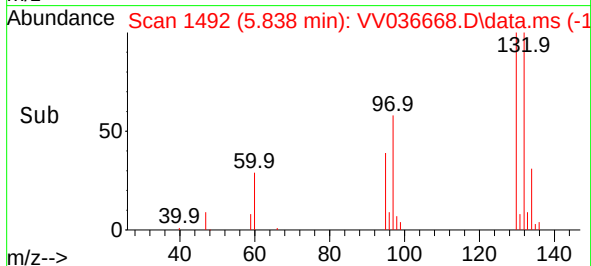
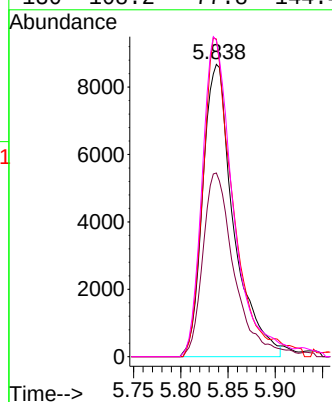
Ion Ratio Lower Upper

95 100

97 62.8 44.7 83.1

132 108.6 74.3 138.1

130 108.2 77.8 144.4



#35

Methylcyclohexane

Concen: 4.699 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

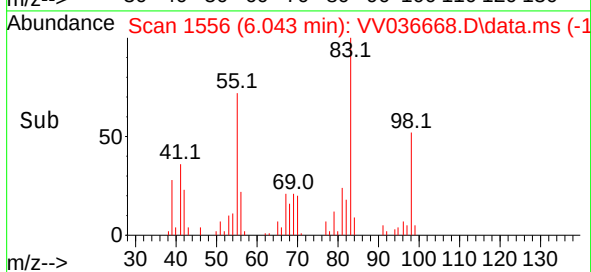
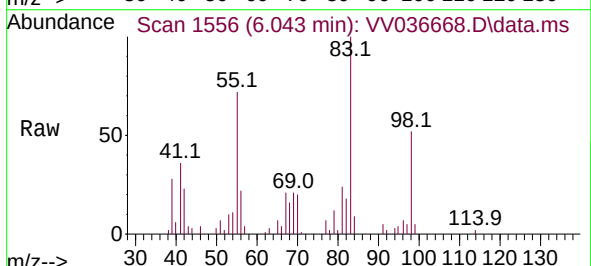
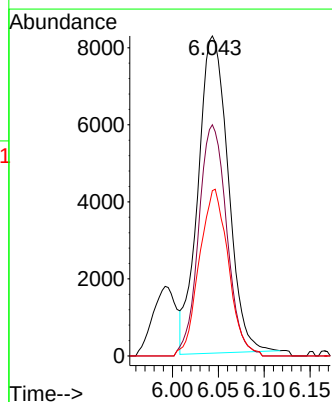
Tgt Ion: 83 Resp: 18789

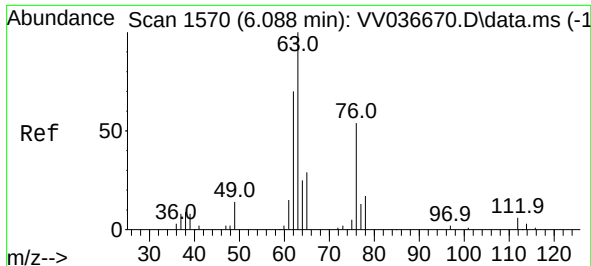
Ion Ratio Lower Upper

83 100

55 68.0 49.9 74.9

98 50.8 41.6 62.4

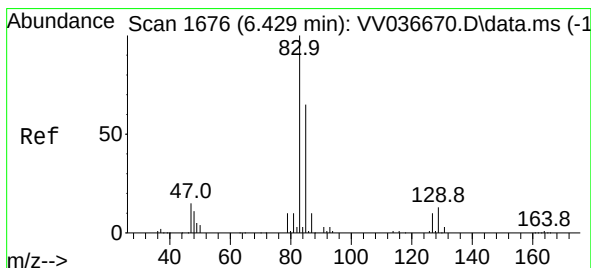
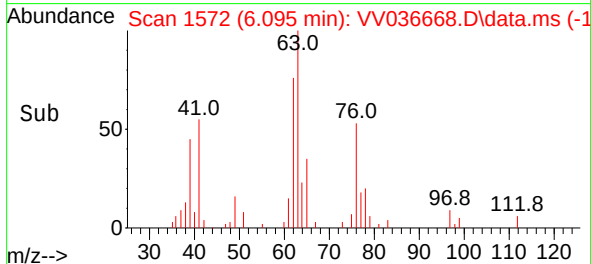
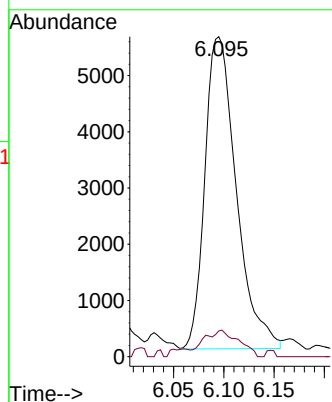
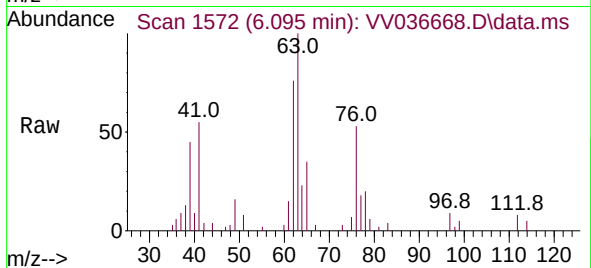




#37
1,2-Dichloropropane
Concen: 4.381 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

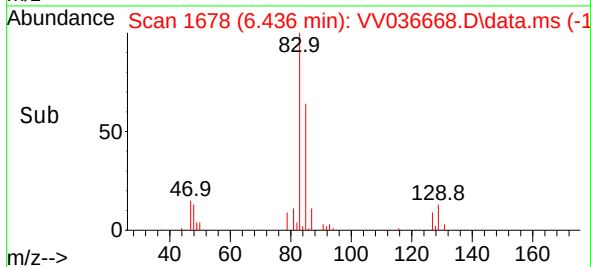
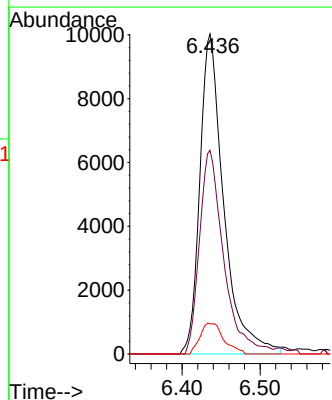
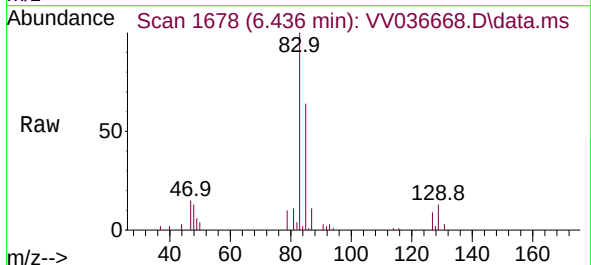
Instrument :
MSVOA_V
ClientSampleId :

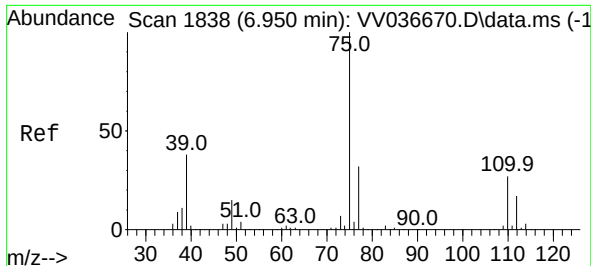
Tgt Ion: 63 Resp: 12057
Ion Ratio Lower Upper
63 100
112 6.3 5.1 7.7



#38
Bromodichloromethane
Concen: 5.522 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 83 Resp: 21363
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.6
127 9.4 7.8 11.6

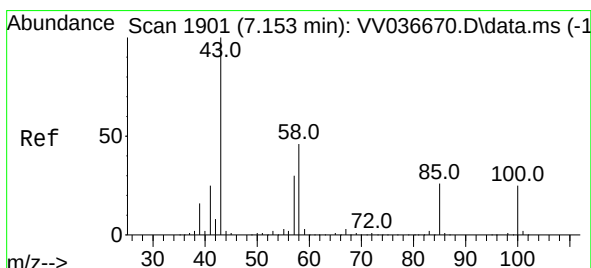
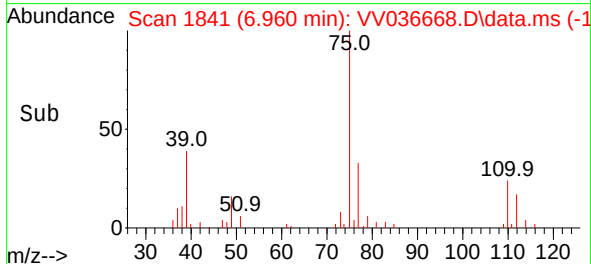
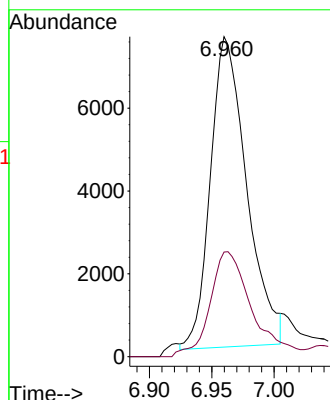
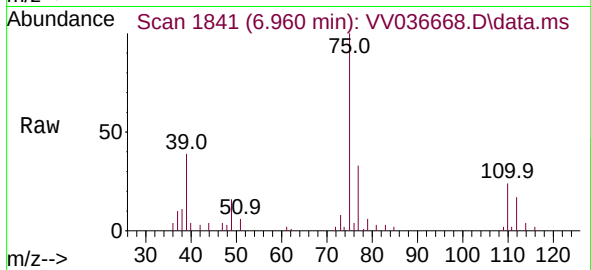




#39
 cis-1,3-Dichloropropene
 Concen: 3.621 ug/L
 RT: 6.960 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV036668.D
 Acq: 24 Jul 2024 13:42

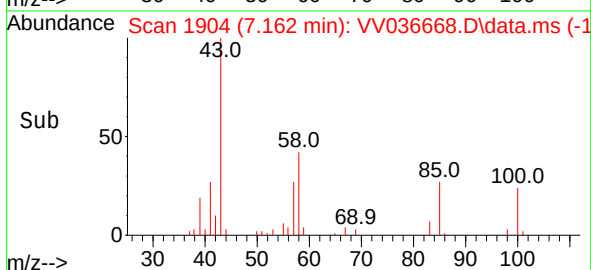
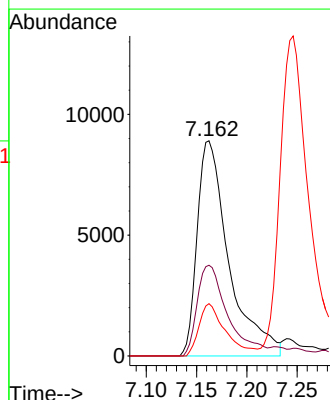
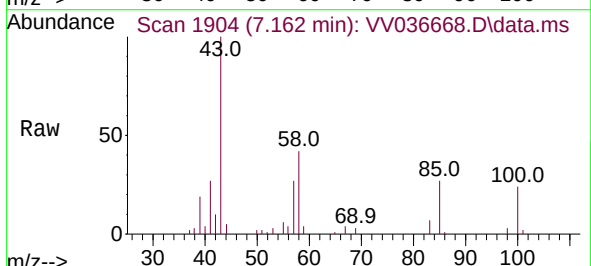
Instrument :
 MSVOA_V
 ClientSampleId :

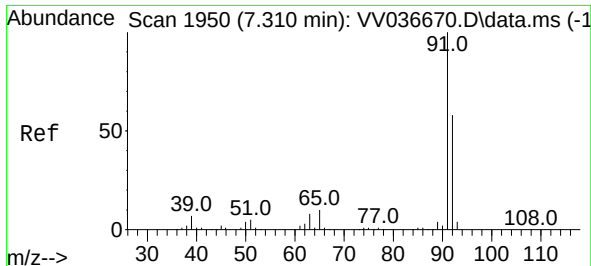
Tgt Ion: 75 Resp: 15179
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 6.052 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.010 min
 Lab File: VV036668.D
 Acq: 24 Jul 2024 13:42

Tgt Ion: 43 Resp: 19554
 Ion Ratio Lower Upper
 43 100
 58 40.7 36.6 54.8
 100 20.6 19.6 29.4





#42

Toluene

Concen: 4.822 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

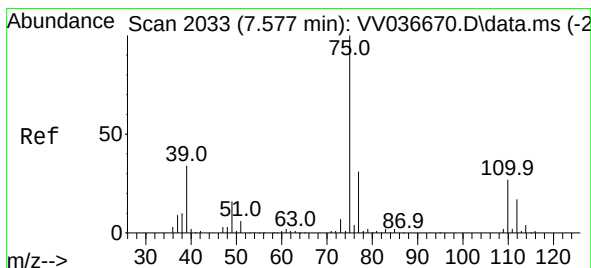
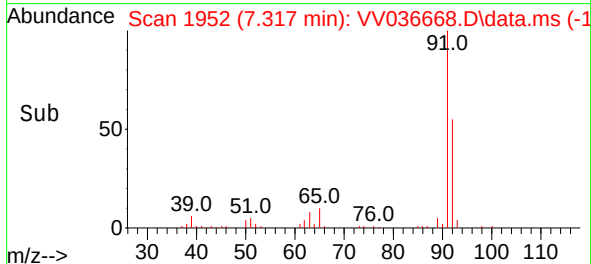
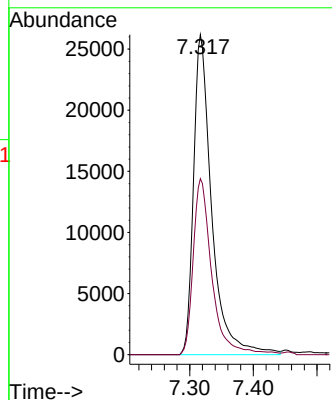
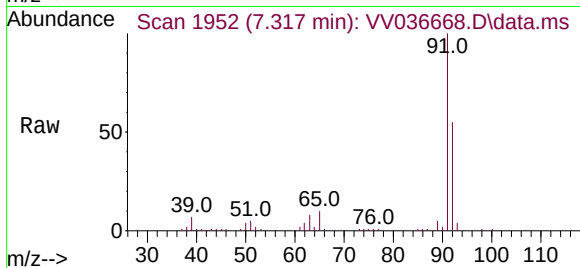
ClientSampleId :

Tgt Ion: 91 Resp: 51950

Ion Ratio Lower Upper

91 100

92 55.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.183 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV036668.D

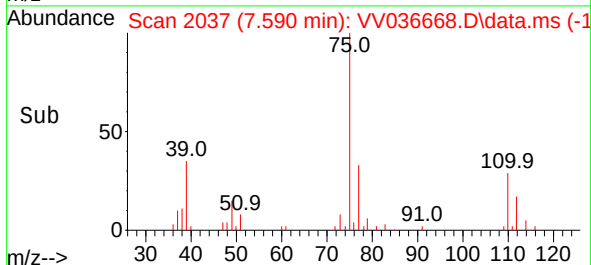
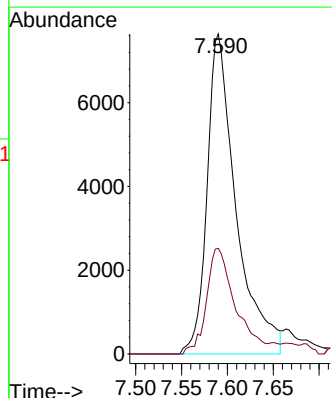
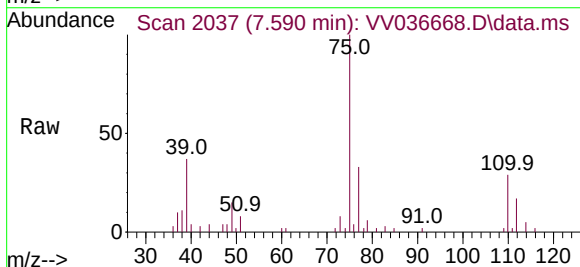
Acq: 24 Jul 2024 13:42

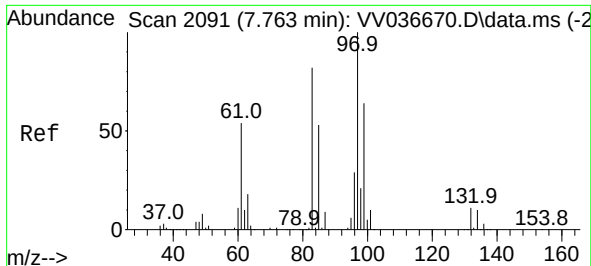
Tgt Ion: 75 Resp: 16789

Ion Ratio Lower Upper

75 100

77 33.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.351 ug/L

RT: 7.770 min Scan# 2091

Delta R.T. 0.007 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 15995

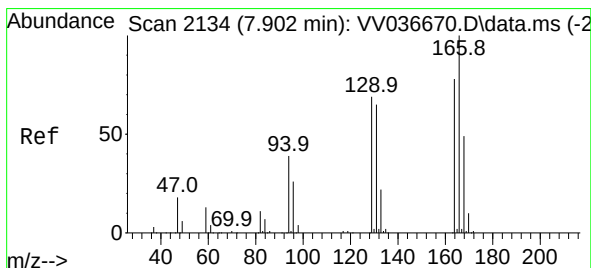
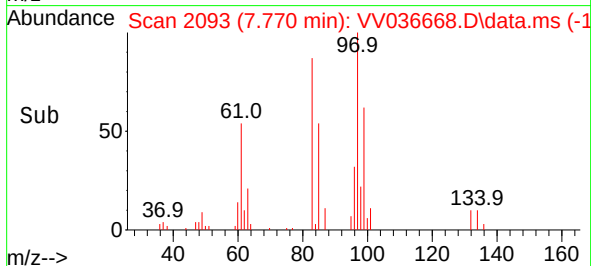
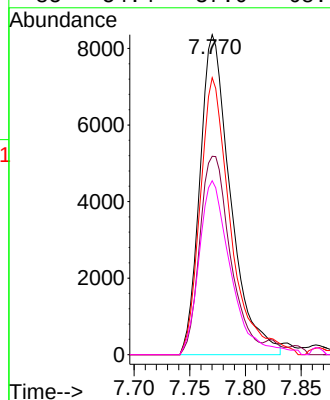
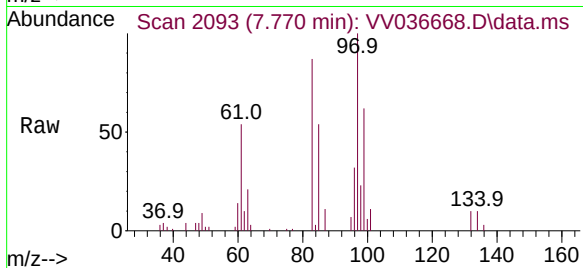
Ion Ratio Lower Upper

97 100

99 62.0 44.4 82.5

83 86.5 57.3 106.3

85 54.4 37.0 68.6



#46

Tetrachloroethene

Concen: 7.799 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Tgt Ion:164 Resp: 17842

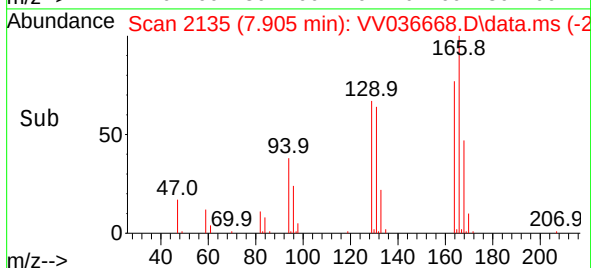
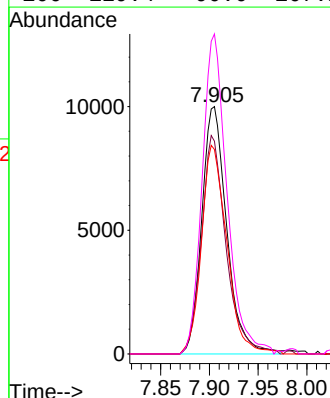
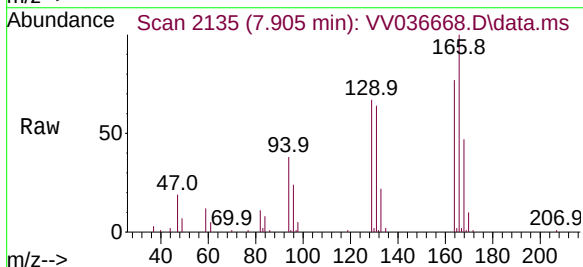
Ion Ratio Lower Upper

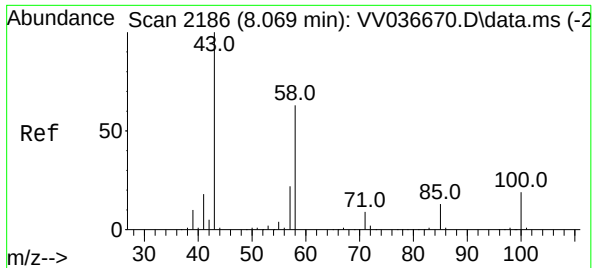
164 100

129 86.1 62.1 115.3

131 82.7 58.7 109.1

166 129.4 90.0 167.2





#48

2-Hexanone

Concen: 4.991 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

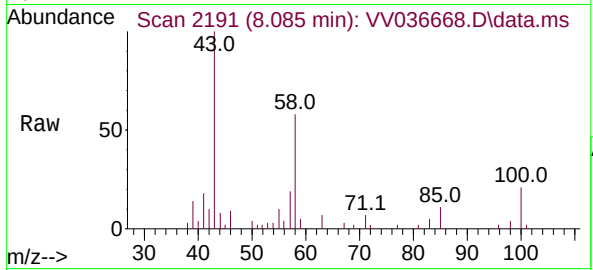
Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 13570

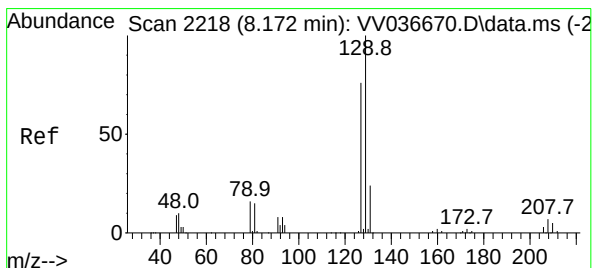
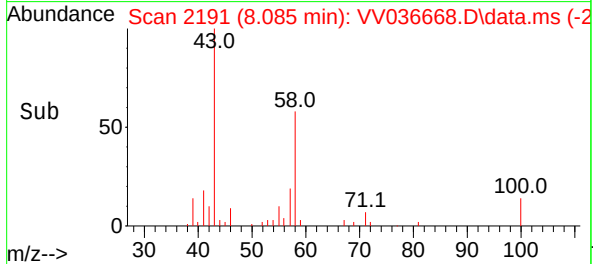
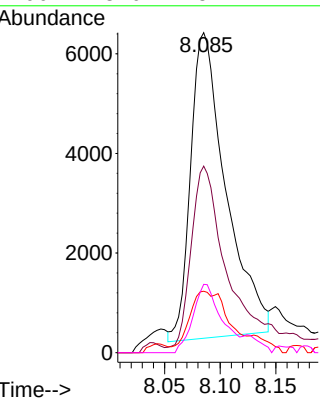
Ion Ratio Lower Upper

43 100

58 57.3 51.3 76.9

57 10.5 17.6 26.4#

100 18.0 15.1 22.7



#49

Dibromochloromethane

Concen: 5.911 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV036668.D

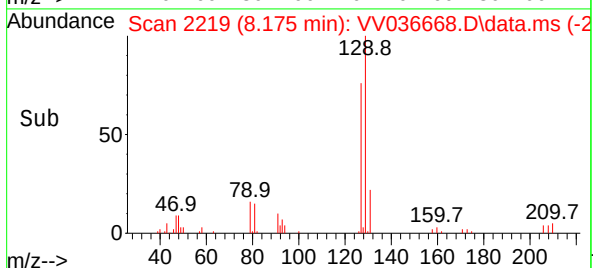
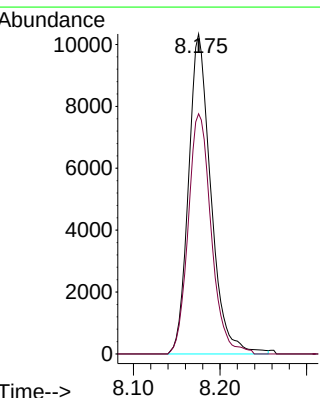
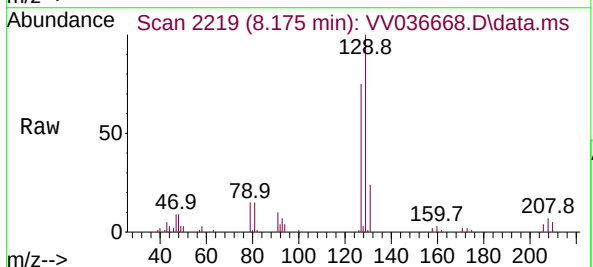
Acq: 24 Jul 2024 13:42

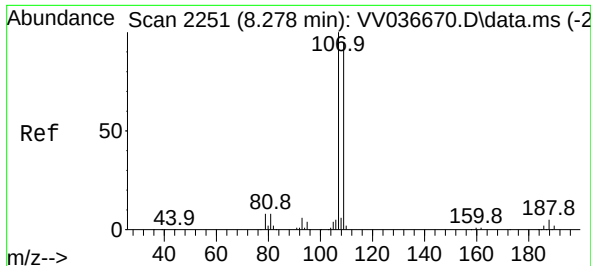
Tgt Ion: 129 Resp: 18539

Ion Ratio Lower Upper

129 100

127 75.1 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.805 ug/L

RT: 8.288 min Scan# 2417

Delta R.T. 0.010 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

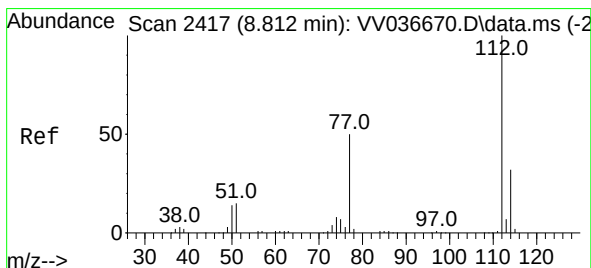
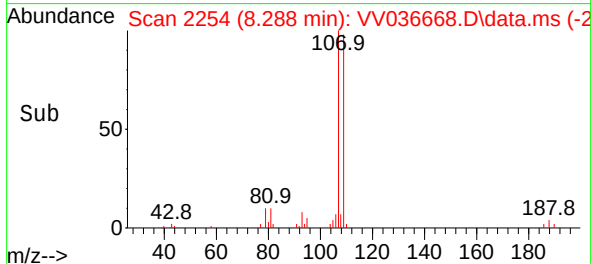
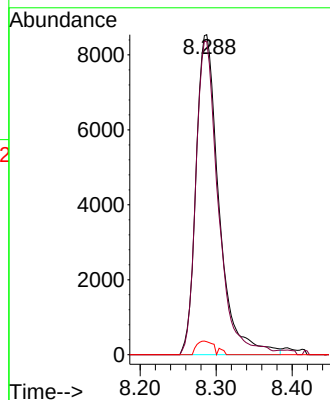
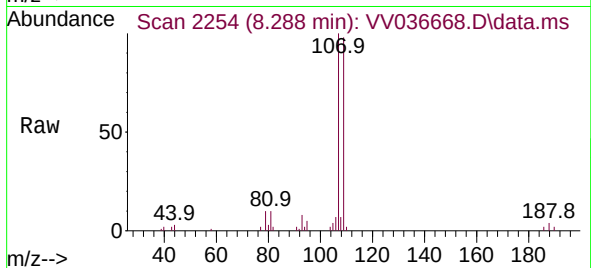
Tgt Ion:107 Resp: 17964

Ion Ratio Lower Upper

107 100

109 97.8 66.4 123.2

188 4.1 3.7 5.5



#51

Chlorobenzene

Concen: 5.513 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

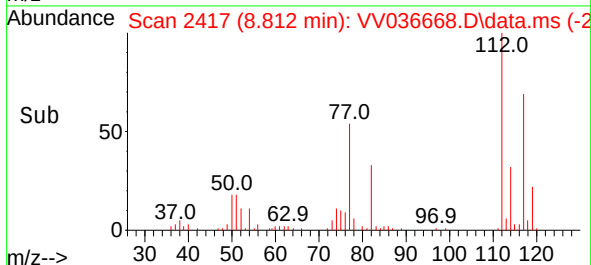
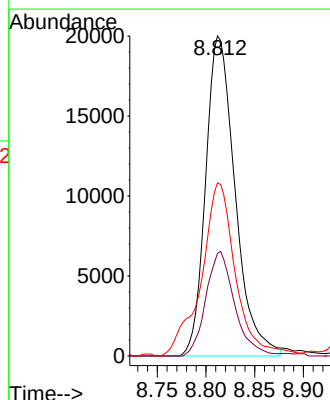
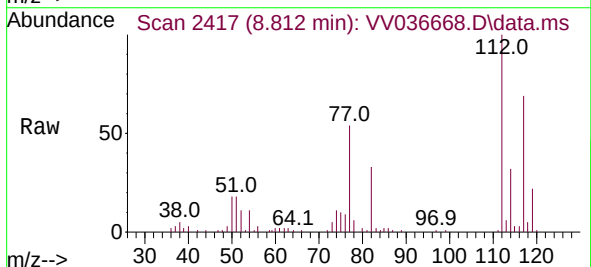
Tgt Ion:112 Resp: 42127

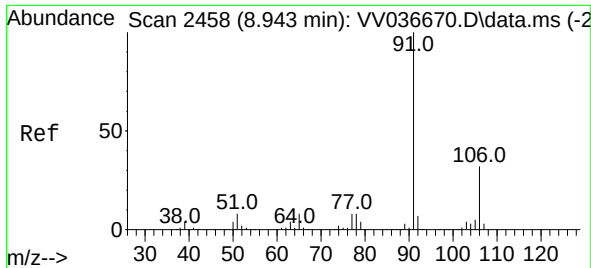
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 54.0 40.6 60.8





#52

Ethylbenzene

Concen: 4.663 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

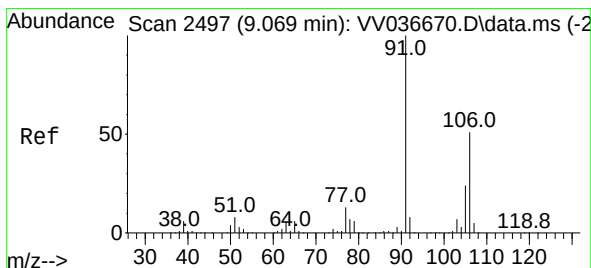
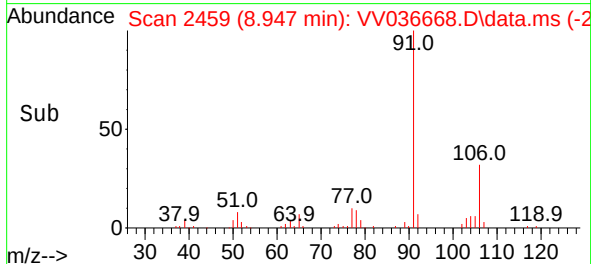
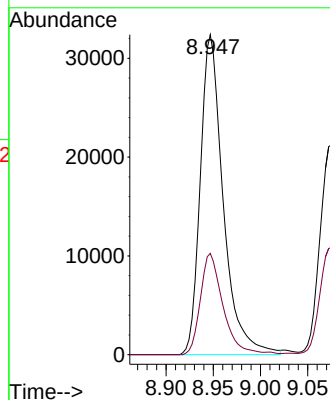
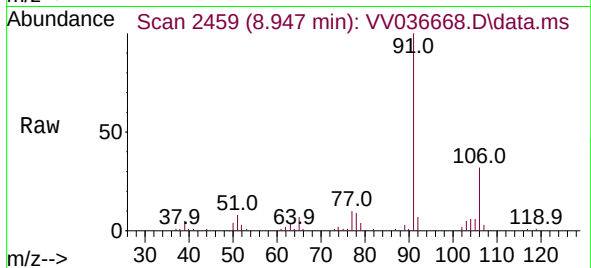
ClientSampleId :

Tgt Ion: 91 Resp: 54644

Ion Ratio Lower Upper

91 100

106 31.6 22.6 42.0



#53

m,p-Xylene

Concen: 4.374 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.007 min

Lab File: VV036668.D

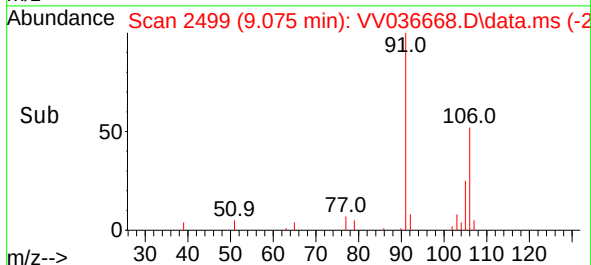
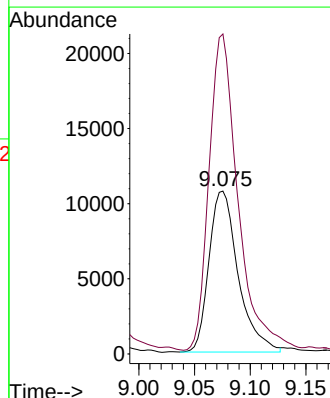
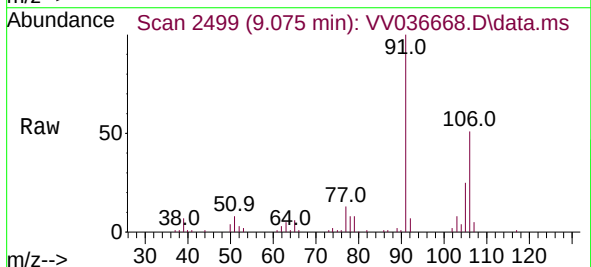
Acq: 24 Jul 2024 13:42

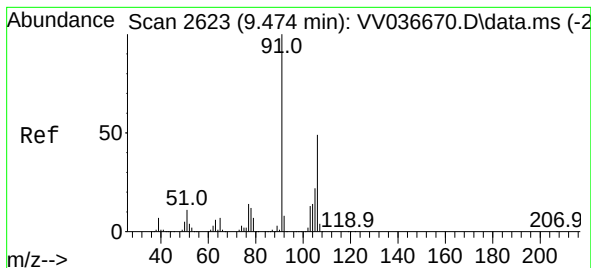
Tgt Ion:106 Resp: 19580

Ion Ratio Lower Upper

106 100

91 196.4 138.0 256.4





#54

o-Xylene

Concen: 4.189 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

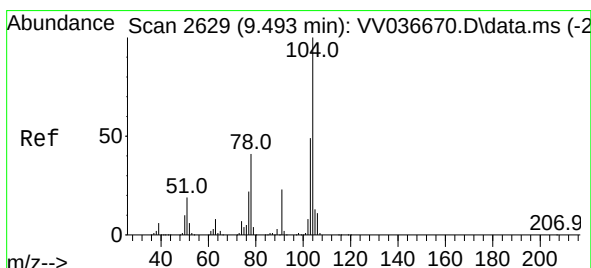
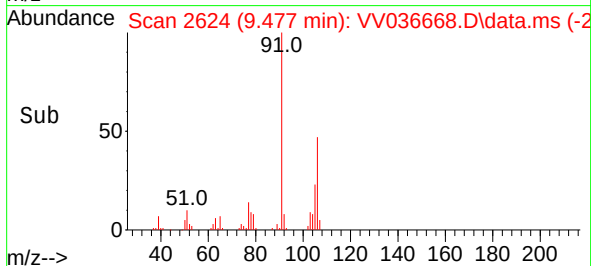
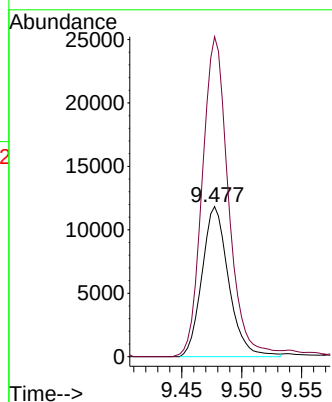
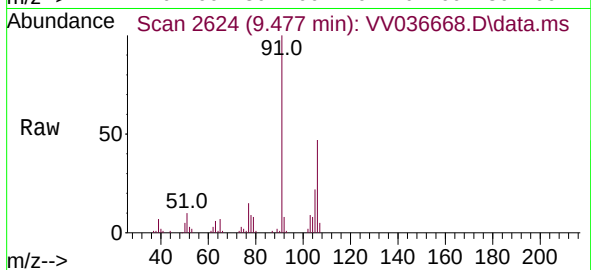
ClientSampleId :

Tgt Ion:106 Resp: 18313

Ion Ratio Lower Upper

106 100

91 213.3 144.0 267.4



#55

Styrene

Concen: 3.998 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.007 min

Lab File: VV036668.D

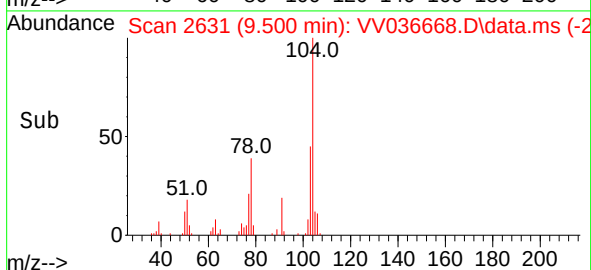
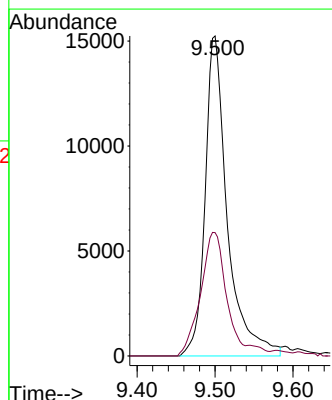
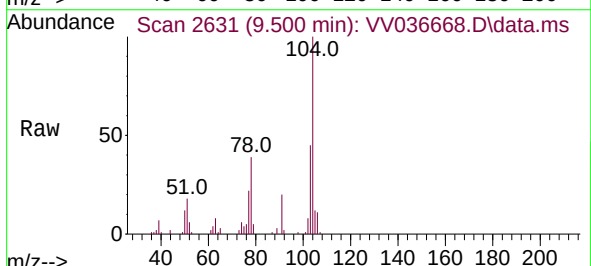
Acq: 24 Jul 2024 13:42

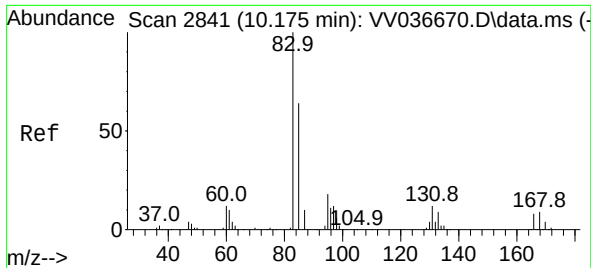
Tgt Ion:104 Resp: 30155

Ion Ratio Lower Upper

104 100

78 38.6 28.6 53.2

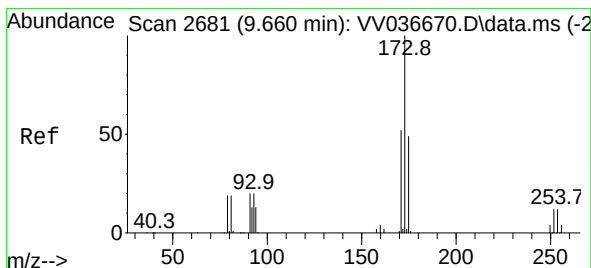
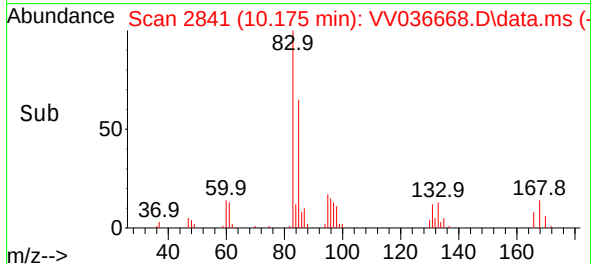
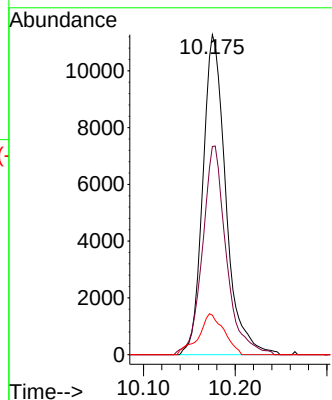
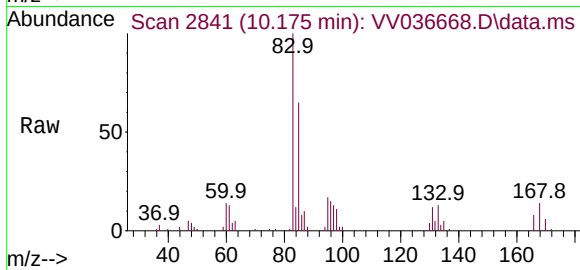




#57
1,1,2,2-Tetrachloroethane
Concen: 4.248 ug/L
RT: 10.175 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

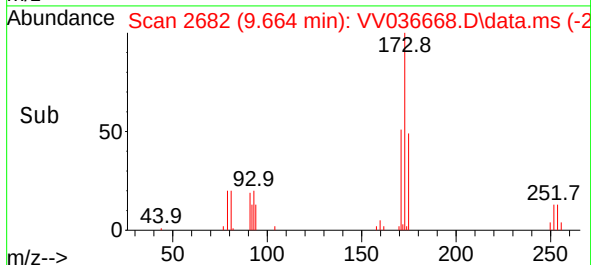
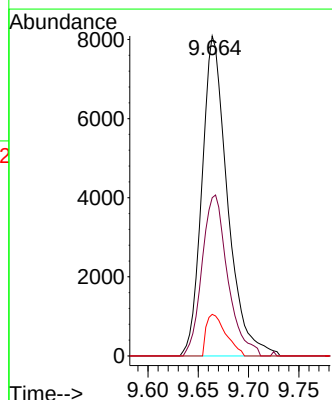
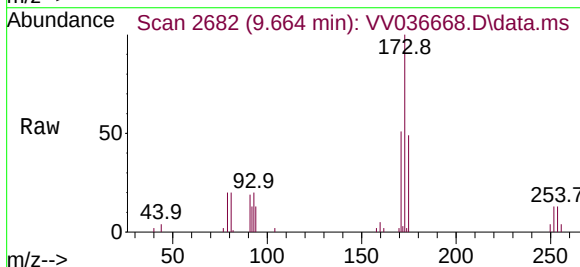
Instrument :
MSVOA_V
ClientSampleId :

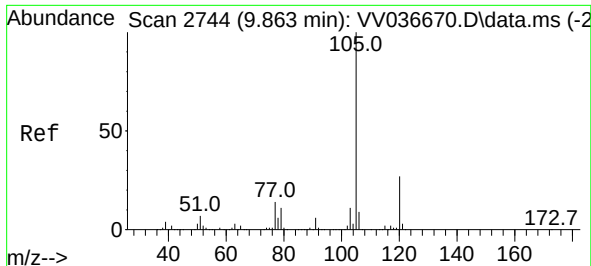
Tgt Ion: 83 Resp: 19624
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 12.3 9.4 14.2



#59
Bromoform
Concen: 5.755 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 173 Resp: 14263
Ion Ratio Lower Upper
173 100
175 50.6 39.2 58.8
254 10.0 9.2 13.8

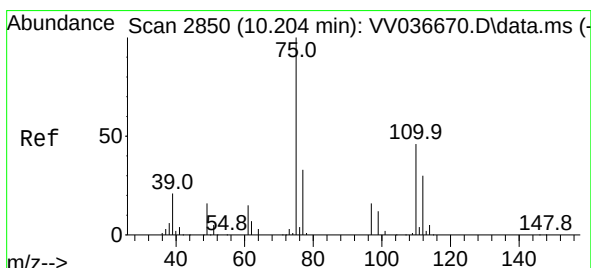
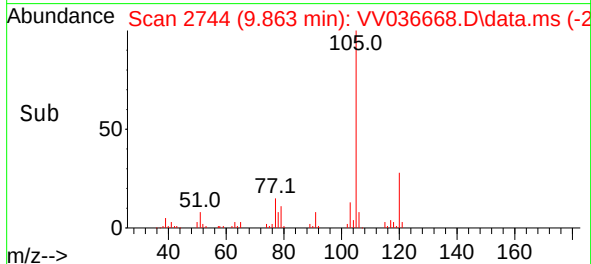
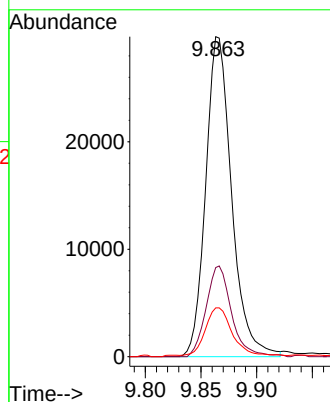
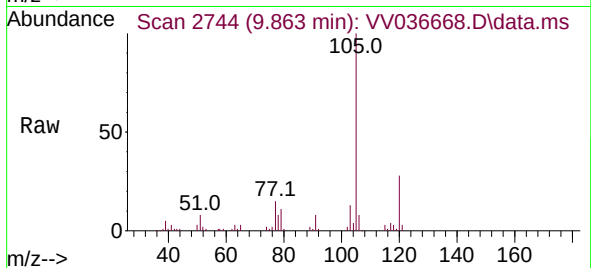




#60
Isopropylbenzene
Concen: 4.154 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

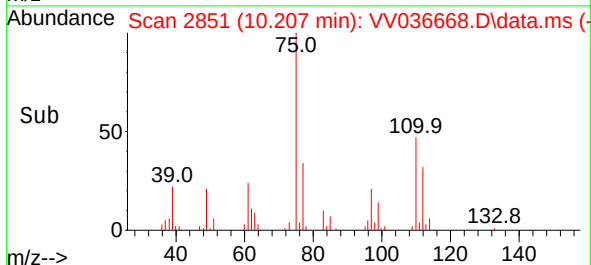
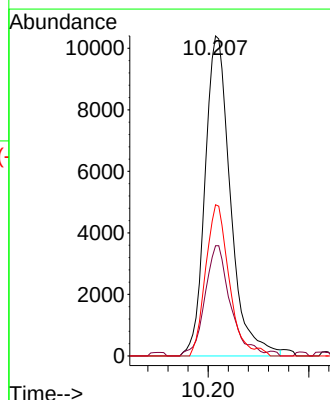
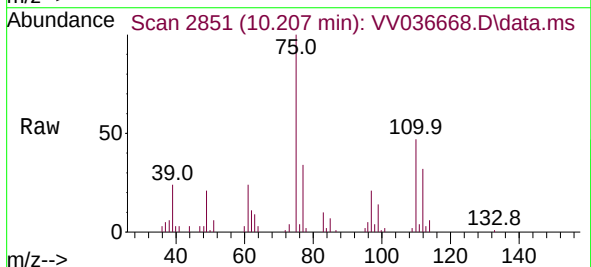
Instrument :
MSVOA_V
ClientSampleId :

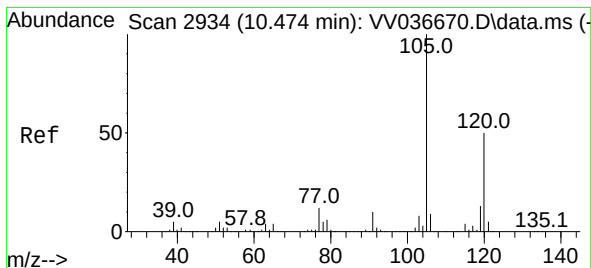
Tgt Ion:105 Resp: 48294
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 16.1 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 4.898 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036668.D
Acq: 24 Jul 2024 13:42

Tgt Ion: 75 Resp: 18271
Ion Ratio Lower Upper
75 100
77 34.4 26.1 39.1
110 43.2 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 3.798 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

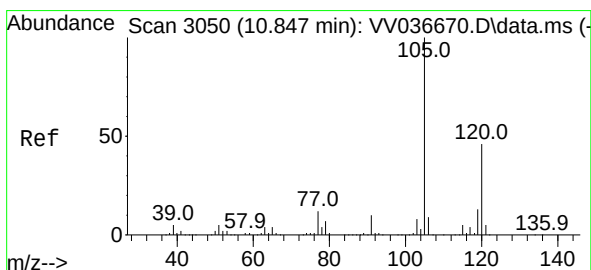
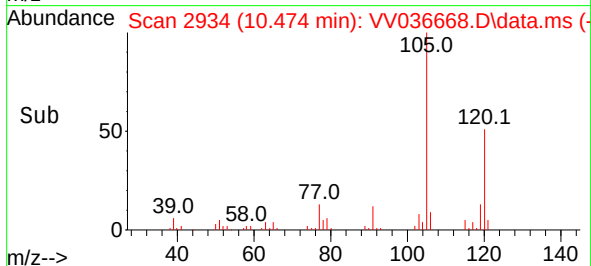
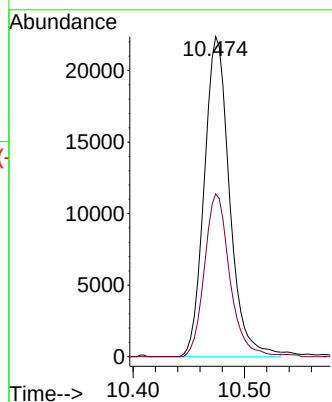
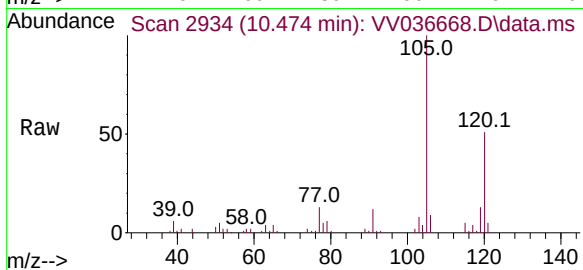
ClientSampleId :

Tgt Ion:105 Resp: 35347

Ion Ratio Lower Upper

105 100

120 50.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 3.760 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036668.D

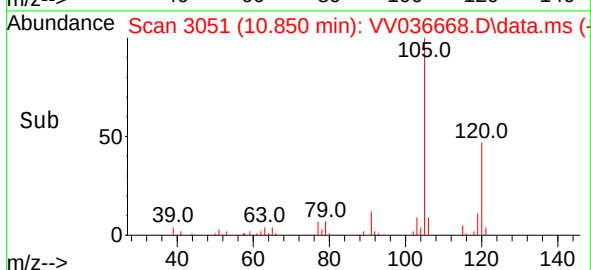
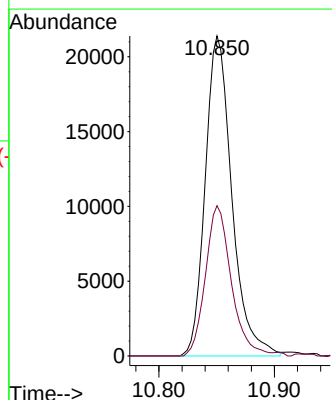
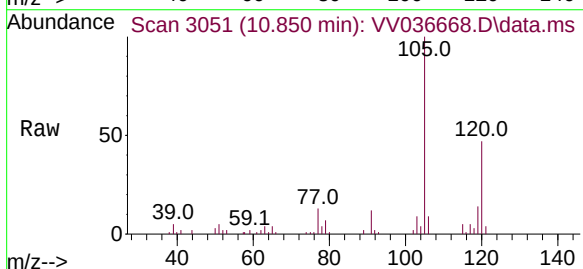
Acq: 24 Jul 2024 13:42

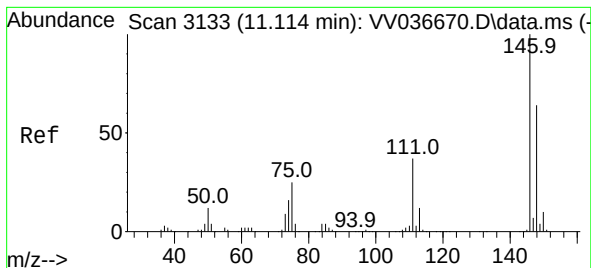
Tgt Ion:105 Resp: 34347

Ion Ratio Lower Upper

105 100

120 45.5 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 5.530 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

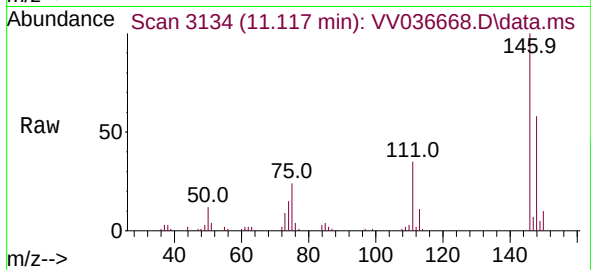
Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :



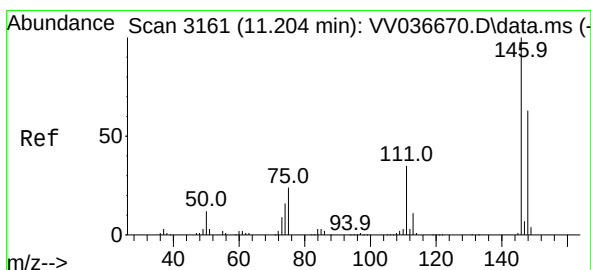
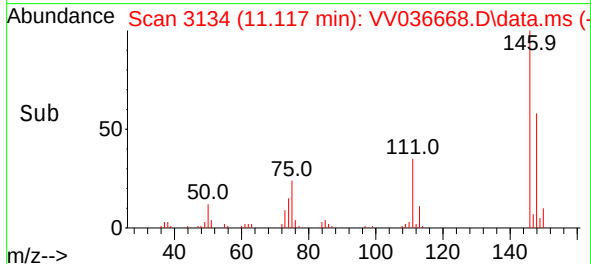
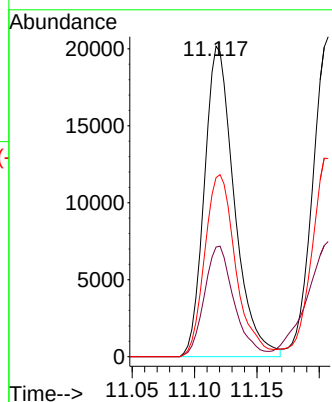
Tgt Ion:146 Resp: 33710

Ion Ratio Lower Upper

146 100

111 35.3 25.7 47.7

148 57.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.937 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

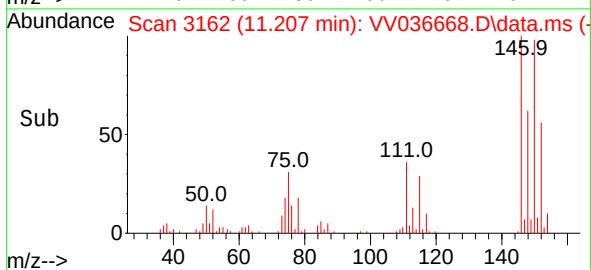
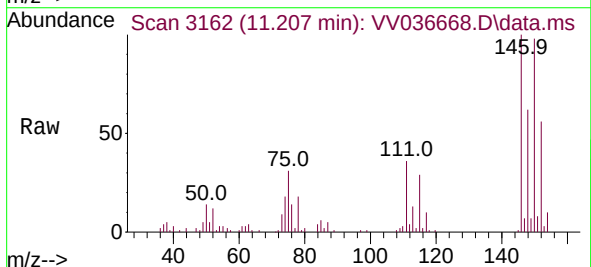
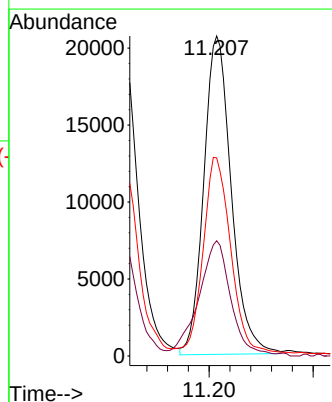
Tgt Ion:146 Resp: 38057

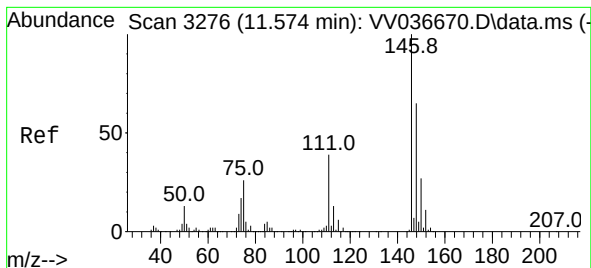
Ion Ratio Lower Upper

146 100

111 36.0 24.6 45.8

148 61.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 5.575 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

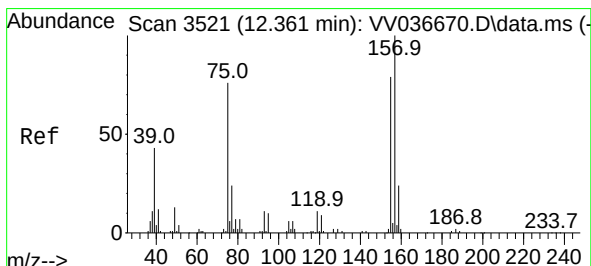
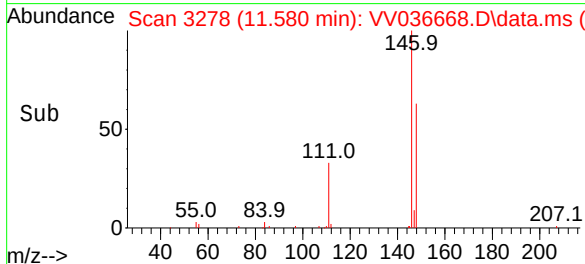
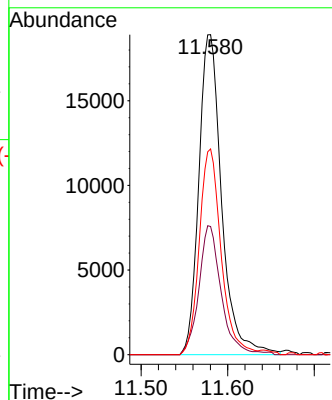
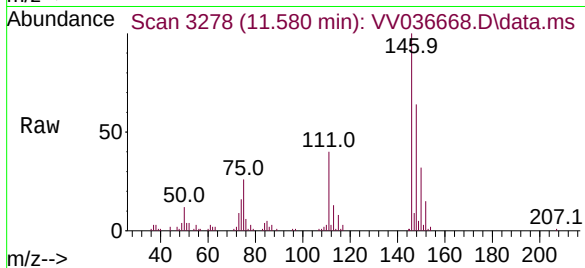
Tgt Ion:146 Resp: 34635

Ion Ratio Lower Upper

146 100

111 40.0 30.9 46.3

148 64.3 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.900 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

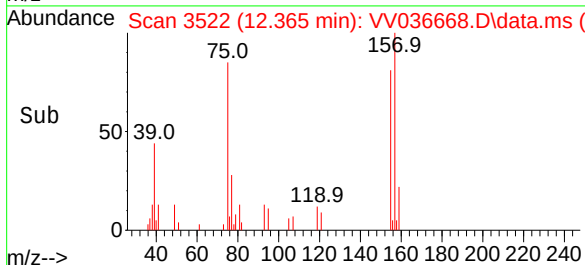
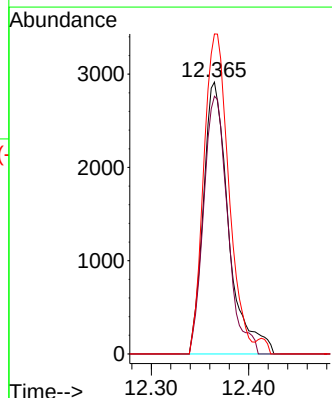
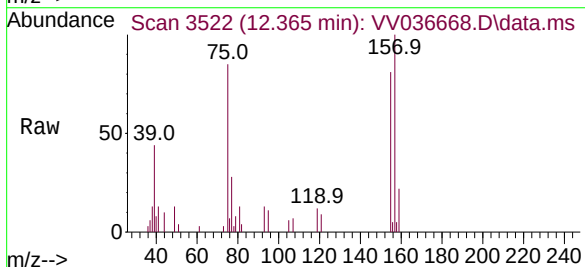
Tgt Ion: 75 Resp: 5240

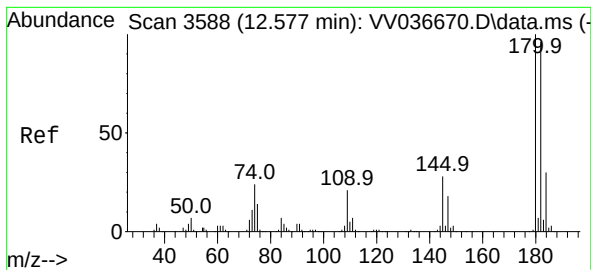
Ion Ratio Lower Upper

75 100

155 94.8 83.7 125.5

157 117.7 105.9 158.9





#69

1,3,5-Trichlorobenzene

Concen: 5.648 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

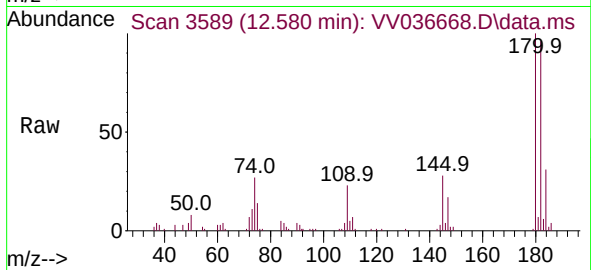
Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24650

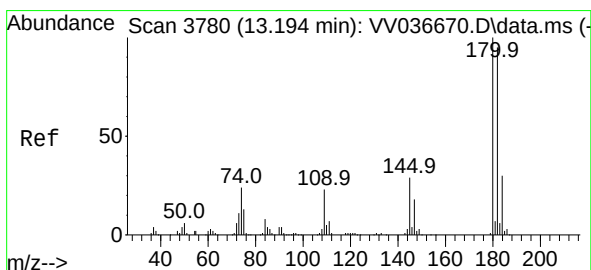
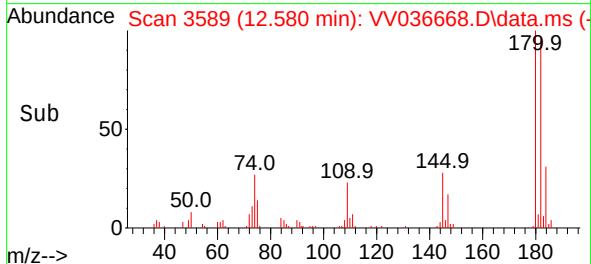
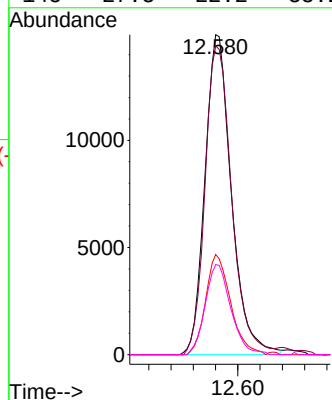
Ion Ratio Lower Upper

180 100

182 97.0 77.3 115.9

184 29.5 24.2 36.4

145 27.3 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 5.317 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

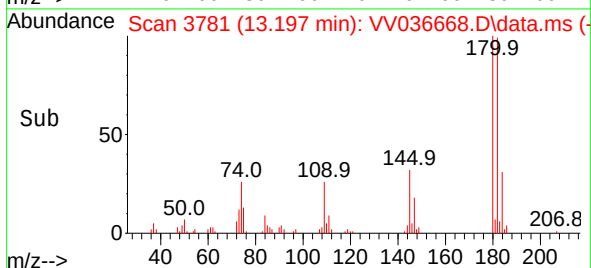
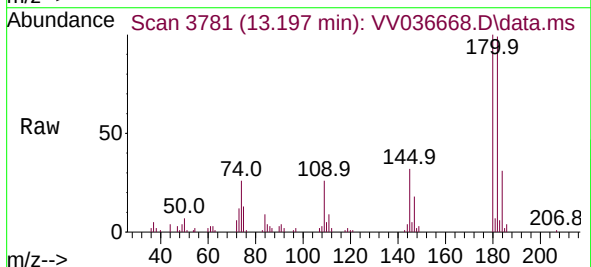
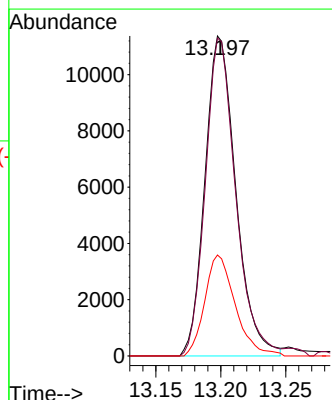
Tgt Ion:180 Resp: 18846

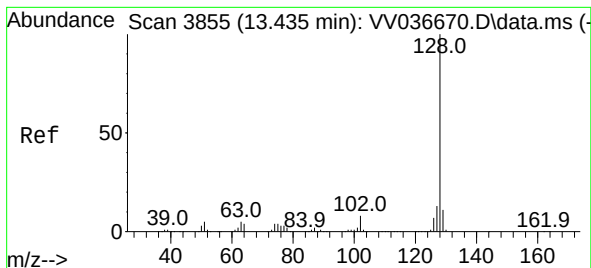
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.8

145 31.0 22.9 34.3





#71

Naphthalene

Concen: 4.619 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Instrument :

MSVOA_V

ClientSampleId :

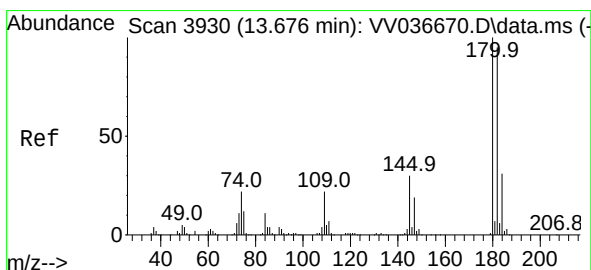
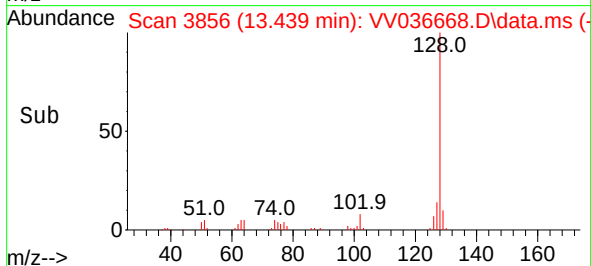
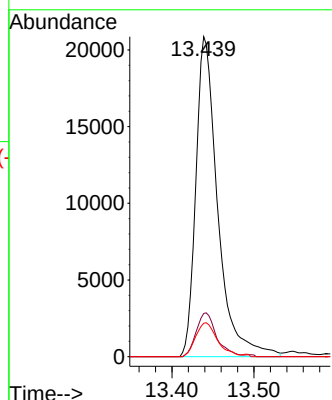
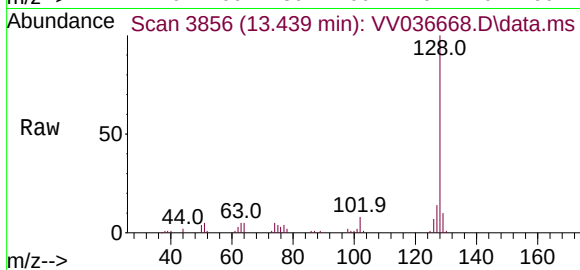
Tgt Ion:128 Resp: 38600

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 5.720 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV036668.D

Acq: 24 Jul 2024 13:42

Tgt Ion:180 Resp: 20326

Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 29.6 23.9 35.9

