

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036069.D
 Acq On : 13 Jun 2024 17:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:21:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	369850	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	197692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	128481	18.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.600%
7) Chloroethane-d5	1.526	69	116100	21.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.050	65	60610	20.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.080%
21) 2-Butanone-d5	3.834	46	84792	54.350	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.700%
24) Chloroform-d	4.243	84	281762	23.963	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	4.937	65	142298	23.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.320%
32) Benzene-d6	4.953	84	508698	23.363	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	5.986	67	163133	23.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	7.239	98	453938	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	7.551	79	67240	23.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.680%
47) 2-Hexanone-d5	8.030	63	57651	62.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.120%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	137256	26.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	166319	22.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	131755	19.757	ug/L	99
3) Chloromethane	1.211	50	181514	23.717	ug/L	99
5) Vinyl chloride	1.275	62	197210	24.477	ug/L	99
6) Bromomethane	1.481	94	120232	24.055	ug/L	99
8) Chloroethane	1.542	64	128403	25.639	ug/L	100
9) Trichlorofluoromethane	1.706	101	252960	25.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	161170	25.381	ug/L	99
12) 1,1-Dichloroethene	2.060	96	148346	25.048	ug/L	97
13) Acetone	2.384	43	83903	34.525	ug/L	69
14) Carbon disulfide	2.230	76	464566	22.588	ug/L	100
15) Methyl Acetate	2.384	43	86883	28.763	ug/L	98
16) Methylene chloride	2.439	84	193216	23.087	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	160831	25.564	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	384188	27.201	ug/L	98
19) 1,1-Dichloroethane	3.105	63	322674	26.932	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	165749	26.219	ug/L	99
22) 2-Butanone	3.908	43	35256	17.097	ug/L	# 1
23) Bromochloromethane	4.140	128	85915	27.094	ug/L	98
25) Chloroform	4.269	83	333118	27.029	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036069.D
 Acq On : 13 Jun 2024 17:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:21:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

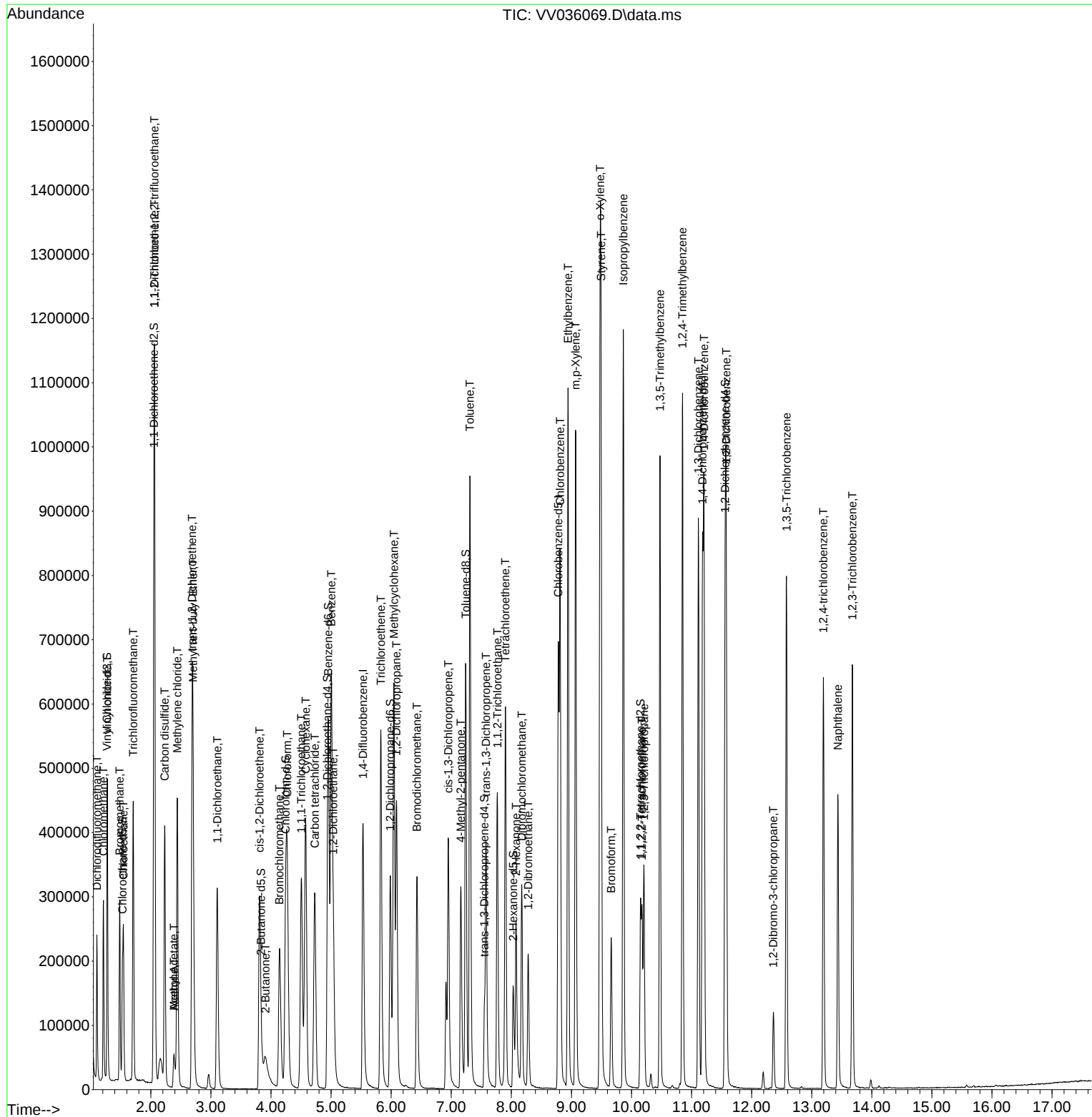
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	210236	27.323	ug/L	100
29) Cyclohexane	4.577	56	216276	24.798	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	277429	27.704	ug/L	100
31) Carbon tetrachloride	4.728	117	236511	26.921	ug/L	100
33) Benzene	5.005	78	673833	28.127	ug/L	100
34) Trichloroethene	5.828	95	200673	27.330	ug/L	99
35) Methylcyclohexane	6.047	83	253703	24.986	ug/L	99
37) 1,2-Dichloropropane	6.088	63	186055	29.577	ug/L	99
38) Bromodichloromethane	6.429	83	233251	28.014	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	248868	26.451	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	221429	64.788	ug/L	100
42) Toluene	7.310	91	711516	29.065	ug/L	97
44) trans-1,3-Dichloropropene	7.577	75	233224	28.698	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	149455	28.714	ug/L	99
46) Tetrachloroethene	7.902	164	136299	25.381	ug/L	99
48) 2-Hexanone	8.079	43	170513	63.817	ug/L	99
49) Dibromochloromethane	8.175	129	162288	28.489	ug/L	99
50) 1,2-Dibromoethane	8.281	107	142486	28.530	ug/L	100
51) Chlorobenzene	8.812	112	447867	26.851	ug/L	99
52) Ethylbenzene	8.944	91	734655	28.050	ug/L	99
53) m,p-Xylene	9.072	106	281425	28.597	ug/L	99
54) o-Xylene	9.477	106	259607	27.973	ug/L	98
55) Styrene	9.493	104	495023	30.247	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	137238	29.446	ug/L	99
59) Bromoform	9.664	173	107299	28.780	ug/L	100
60) Isopropylbenzene	9.863	105	721543	28.449	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	140341	30.016	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	502746	27.336	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	553707	27.943	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	354681	26.629	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	364754	26.532	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	332612	26.537	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	31814	30.429	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	247146	24.806	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	196654	25.068	ug/L	99
71) Naphthalene	13.435	128	362900	28.346	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	196429	27.439	ug/L	99

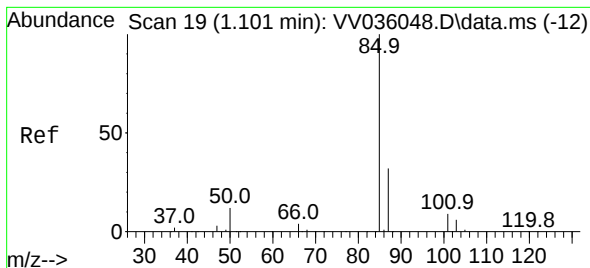
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036069.D
Acq On : 13 Jun 2024 17:59
Operator : SY/MD
Sample : VSTDC0025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 14 01:21:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration

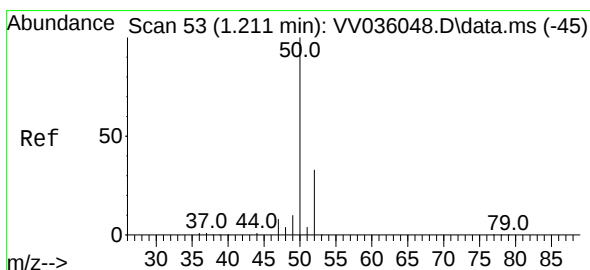
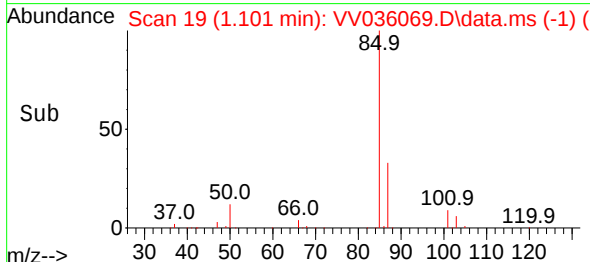
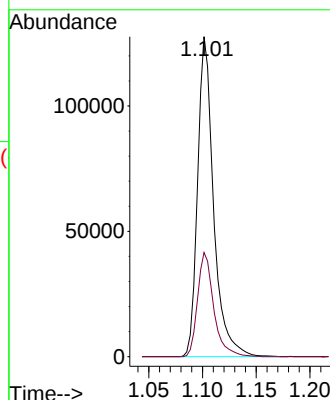
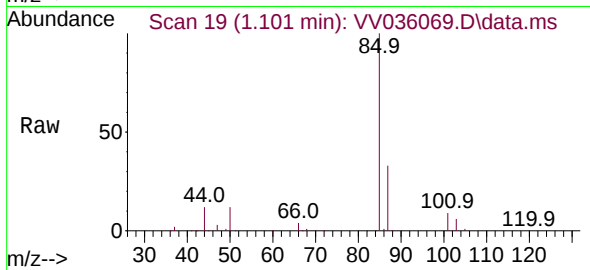




#2
 Dichlorodifluoromethane
 Concen: 19.757 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036069.D
 Acq: 13 Jun 2024 17:59

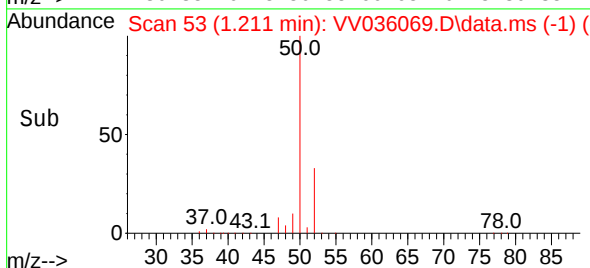
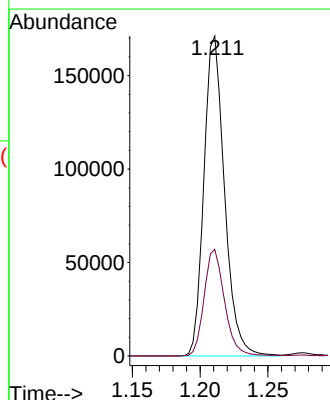
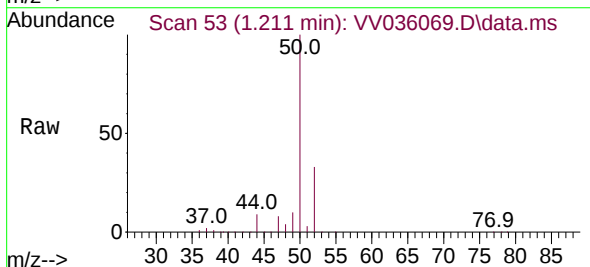
Instrument :
 MSVOA_V
 ClientSampleId :

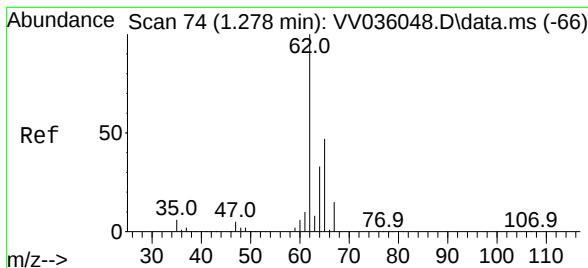
Tgt Ion: 85 Resp: 131755
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.9 38.9



#3
 Chloromethane
 Concen: 23.717 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036069.D
 Acq: 13 Jun 2024 17:59

Tgt Ion: 50 Resp: 181514
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 24.477 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min MSVOA_V

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

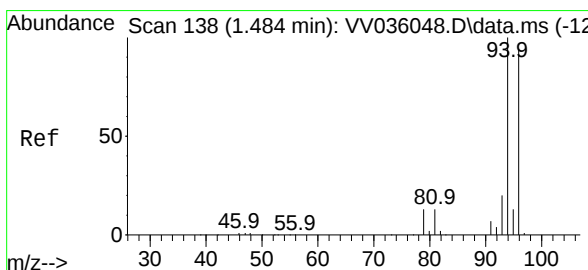
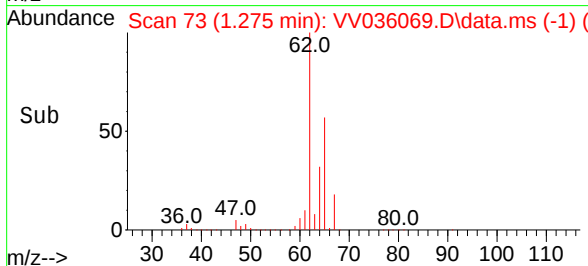
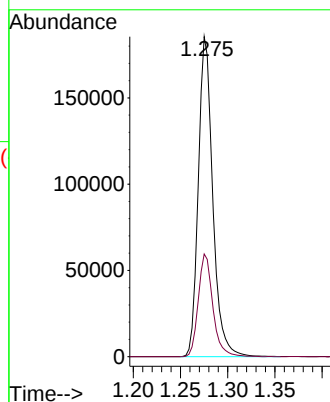
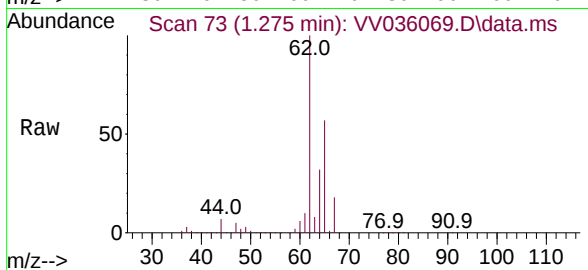
ClientSampleId :

Tgt Ion: 62 Resp: 197210

Ion Ratio Lower Upper

62 100

64 32.1 22.9 42.5



#6

Bromomethane

Concen: 24.055 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036069.D

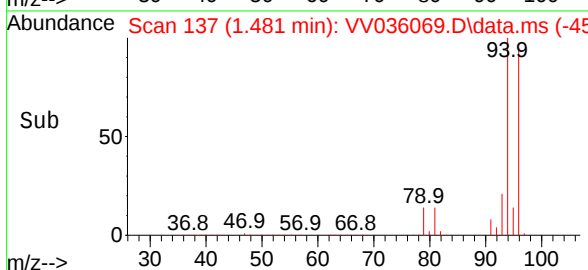
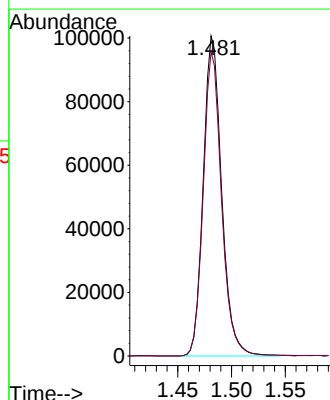
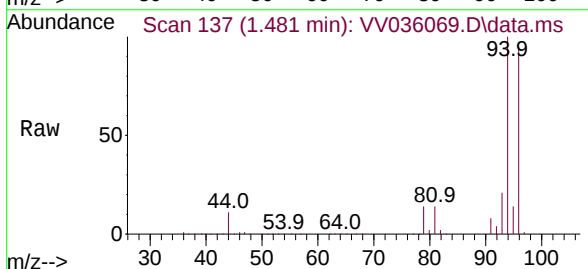
Acq: 13 Jun 2024 17:59

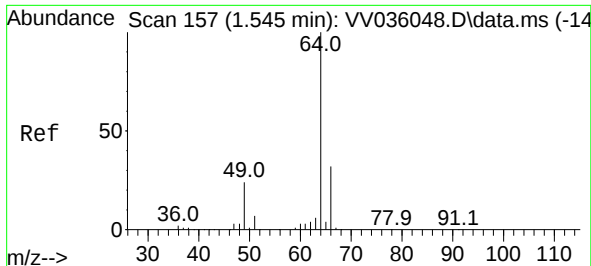
Tgt Ion: 94 Resp: 120232

Ion Ratio Lower Upper

94 100

96 95.1 65.7 122.1

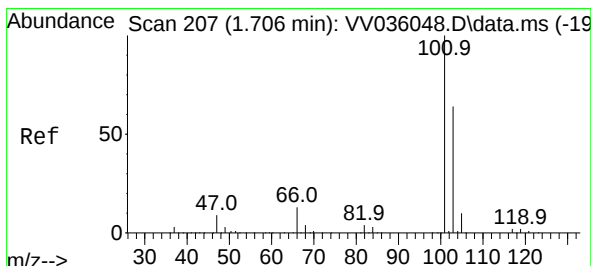
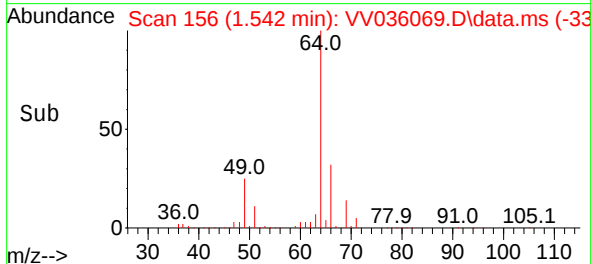
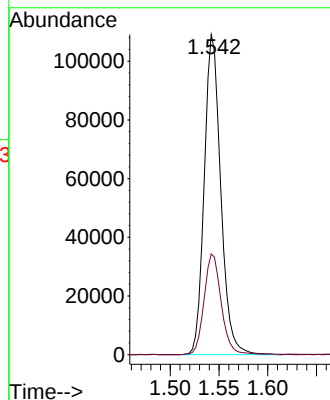
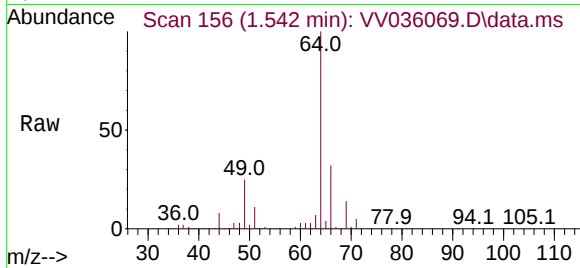




#8
Chloroethane
Concen: 25.639 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

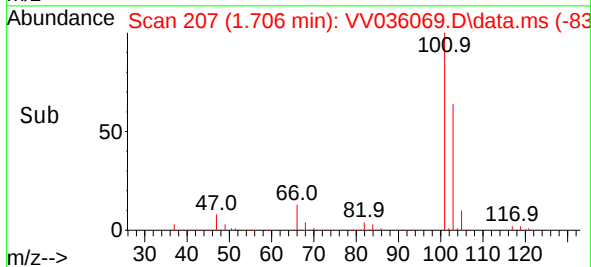
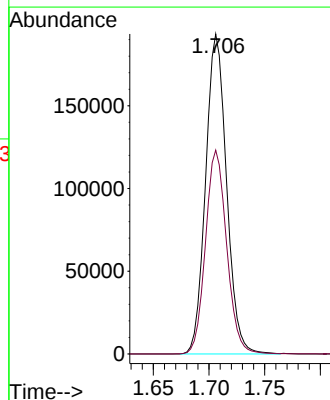
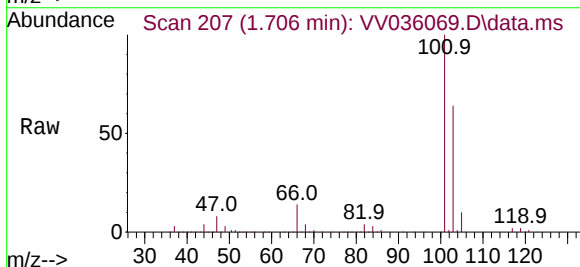
Instrument :
MSVOA_V
ClientSampleId :

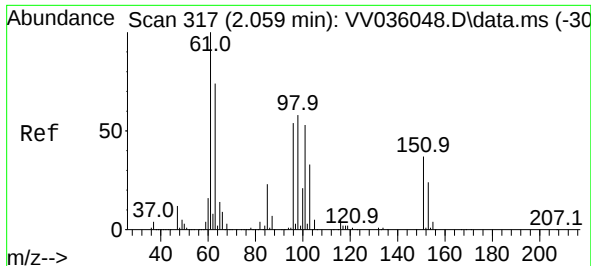
Tgt Ion: 64 Resp: 128403
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.281 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion:101 Resp: 252960
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

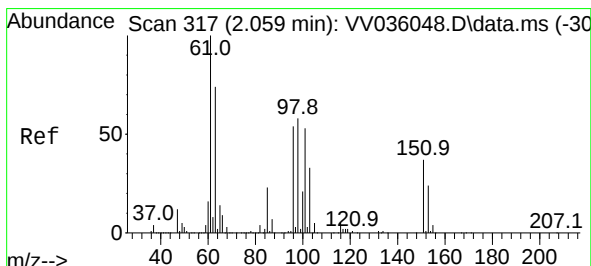
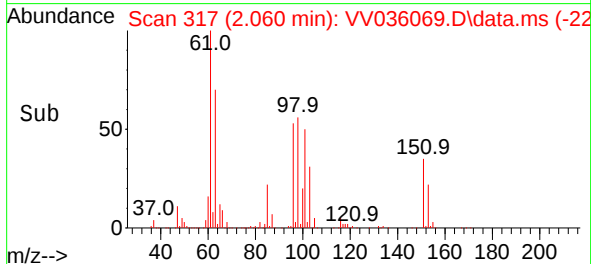
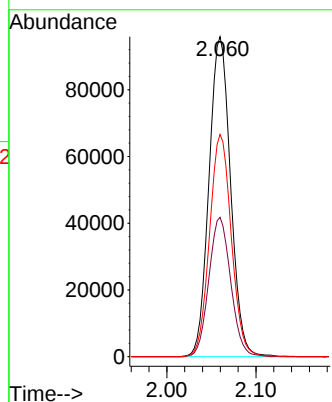
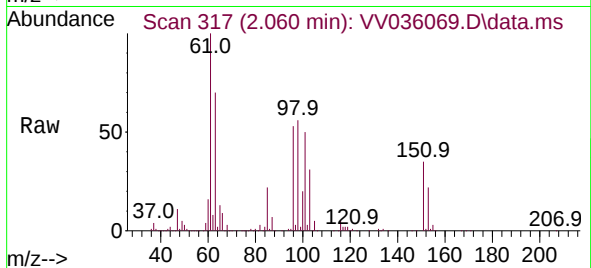




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.381 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

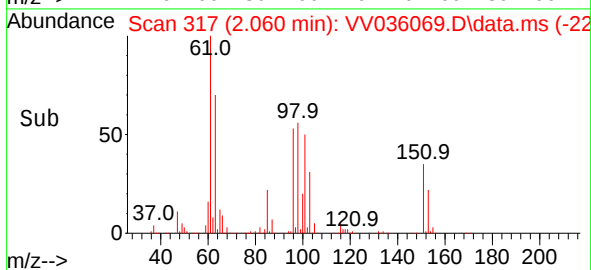
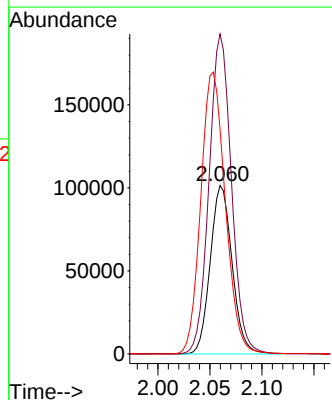
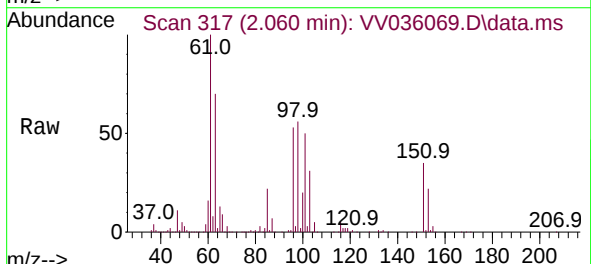
Instrument :
MSVOA_V
ClientSampleId :

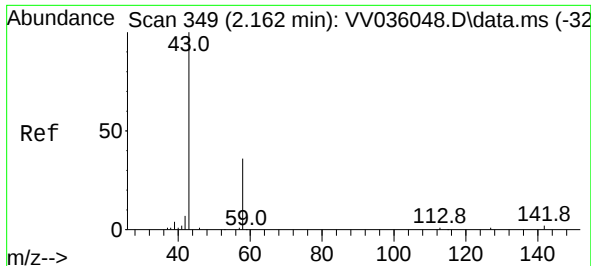
Tgt Ion:101 Resp: 161170
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 70.2 56.3 84.5



#12
1,1-Dichloroethene
Concen: 25.048 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion: 96 Resp: 148346
Ion Ratio Lower Upper
96 100
61 189.9 127.3 236.3
63 133.6 93.7 173.9





#13

Acetone

Concen: 34.525 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.222 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

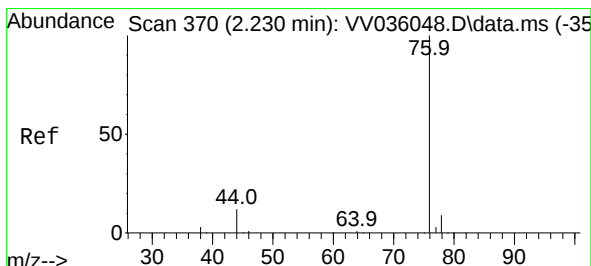
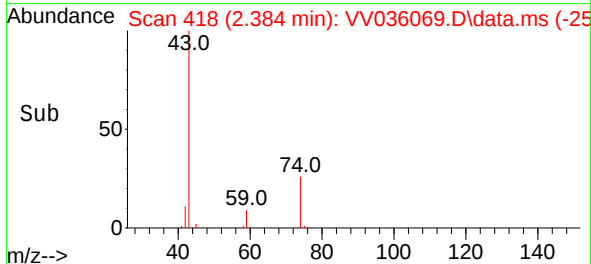
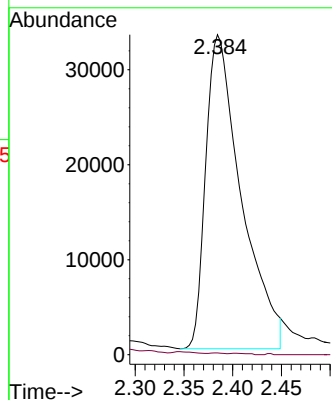
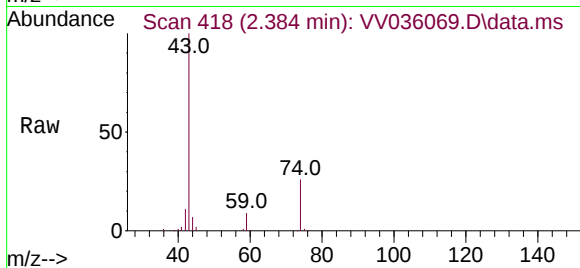
ClientSampleId :

Tgt Ion: 43 Resp: 83903

Ion Ratio Lower Upper

43 100

58 0.1 0.0 24.2



#14

Carbon disulfide

Concen: 22.588 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036069.D

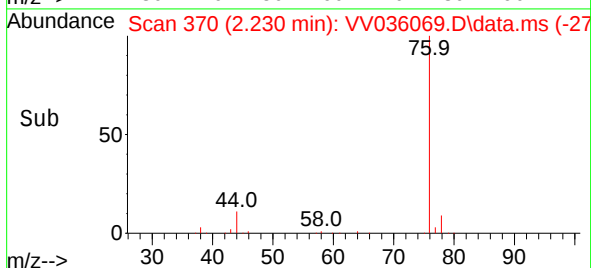
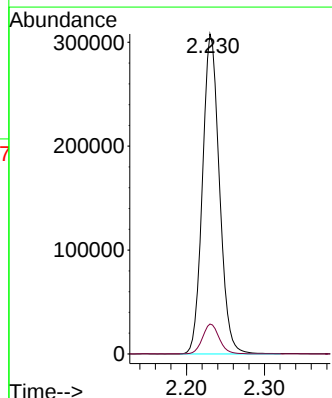
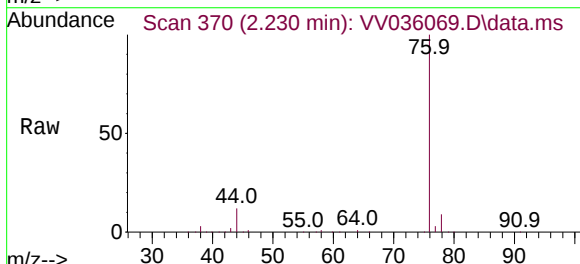
Acq: 13 Jun 2024 17:59

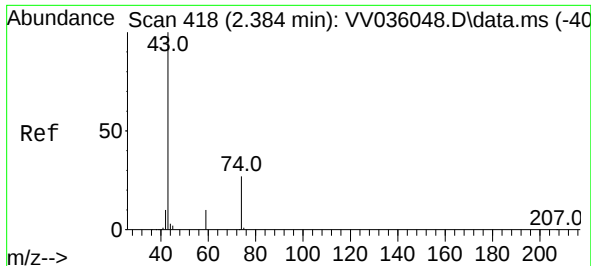
Tgt Ion: 76 Resp: 464566

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

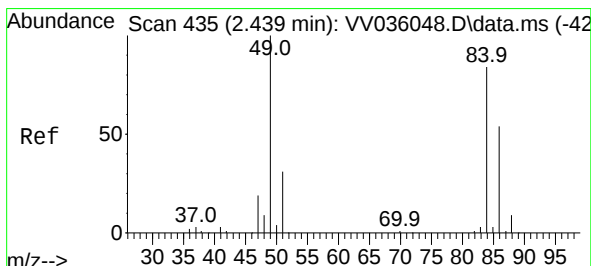
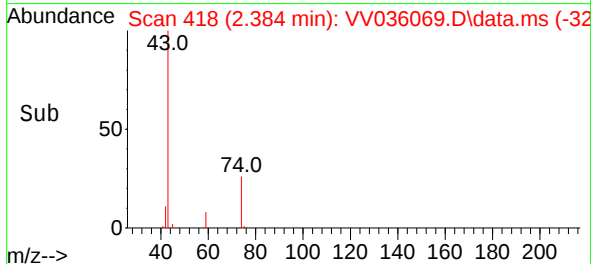
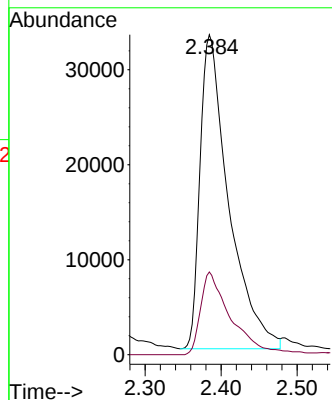
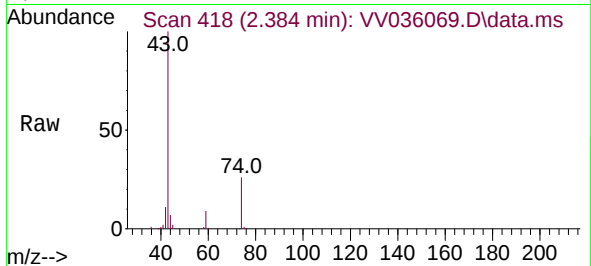




#15
Methyl Acetate
Concen: 28.763 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

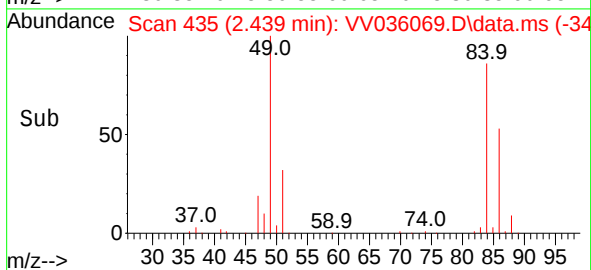
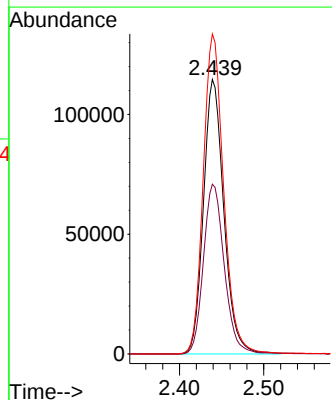
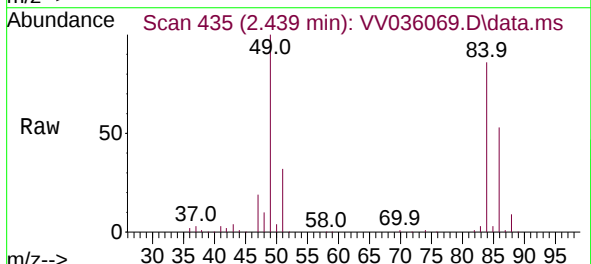
Instrument :
MSVOA_V
ClientSampleId :

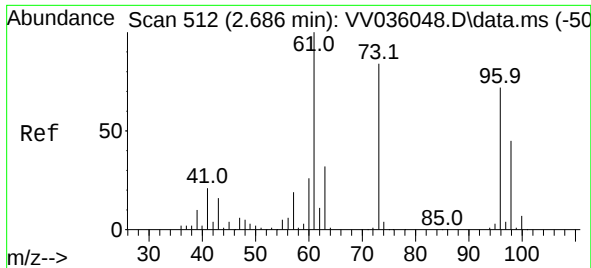
Tgt Ion: 43 Resp: 86883
Ion Ratio Lower Upper
43 100
74 27.6 21.4 32.2



#16
Methylene chloride
Concen: 23.087 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

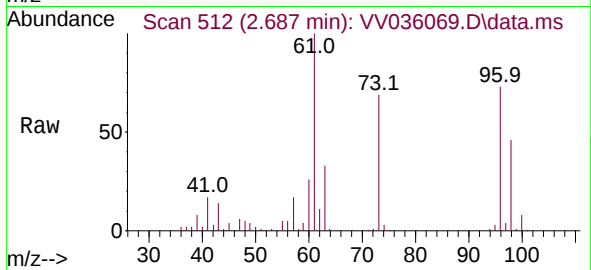
Tgt Ion: 84 Resp: 193216
Ion Ratio Lower Upper
84 100
86 61.9 44.6 82.8
49 116.6 81.1 150.5



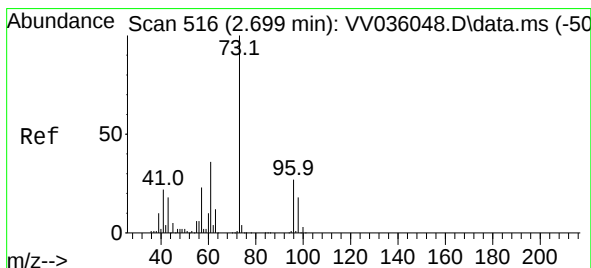
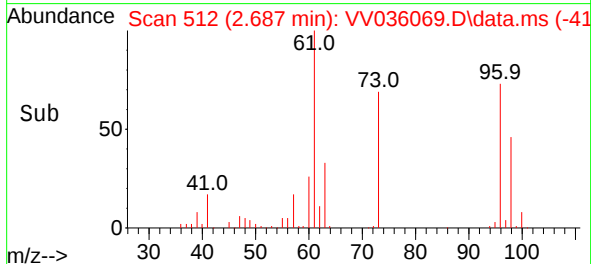
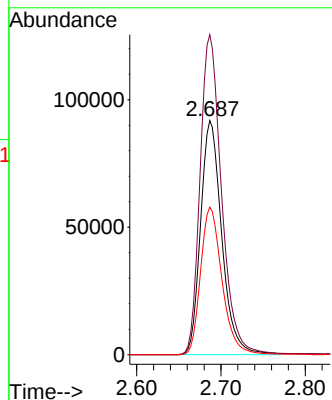


#17
trans-1,2-Dichloroethene
Concen: 25.564 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Instrument :
MSVOA_V
ClientSampleId :

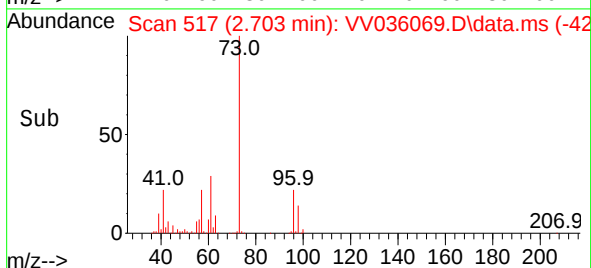
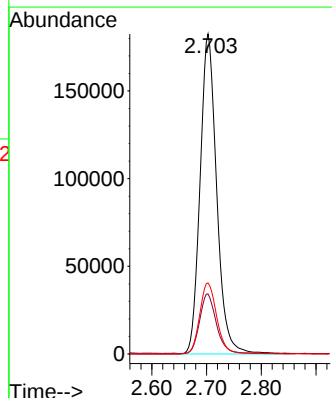
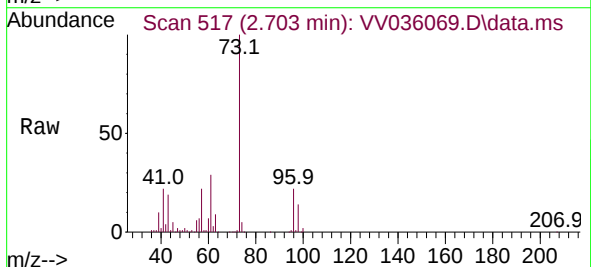


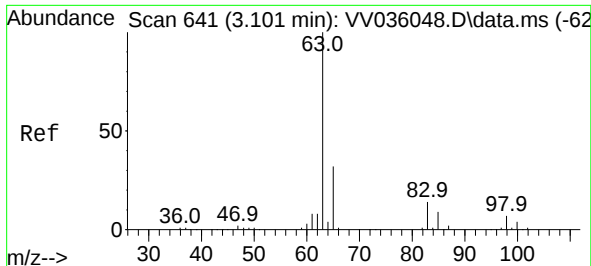
Tgt Ion: 96 Resp: 160831
Ion Ratio Lower Upper
96 100
61 136.7 99.4 184.6
98 63.0 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 27.201 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion: 73 Resp: 384188
Ion Ratio Lower Upper
73 100
43 18.8 14.3 21.5
57 22.9 17.8 26.6

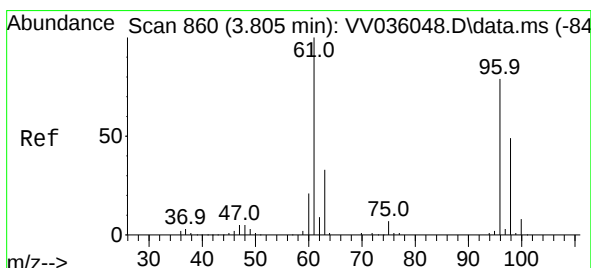
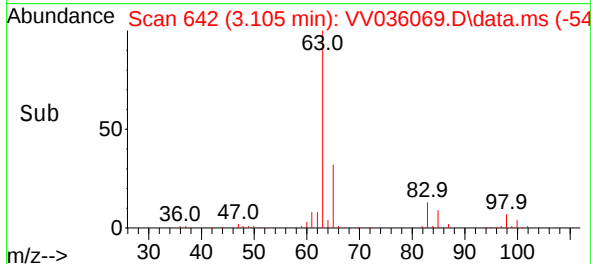
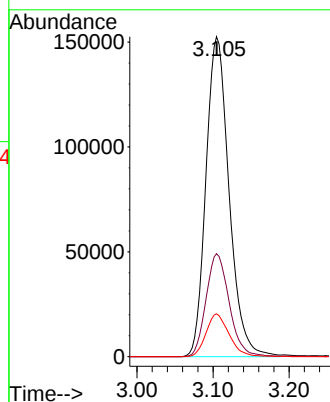
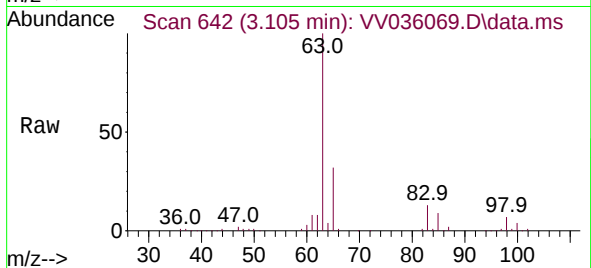




#19
1,1-Dichloroethane
Concen: 26.932 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

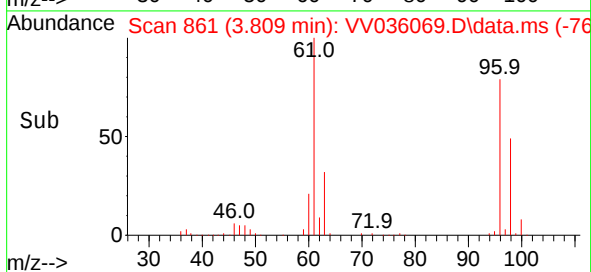
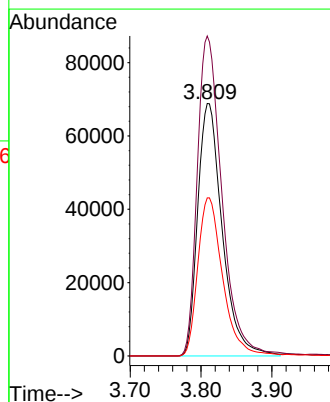
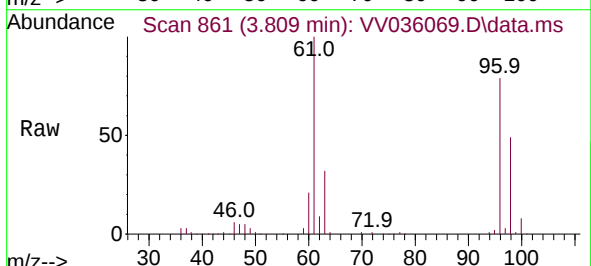
Instrument :
MSVOA_V
ClientSampleId :

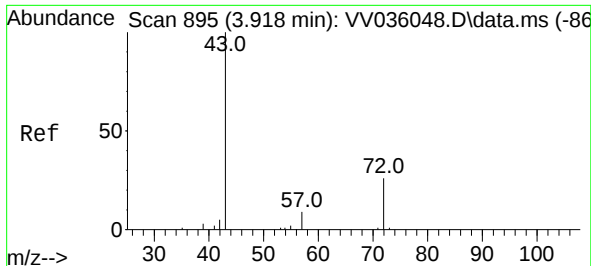
Tgt Ion: 63 Resp: 322674
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.4 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 26.219 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion: 96 Resp: 165749
Ion Ratio Lower Upper
96 100
61 126.7 87.9 163.3
98 62.6 44.4 82.5

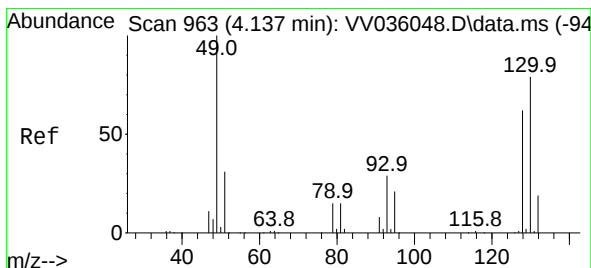
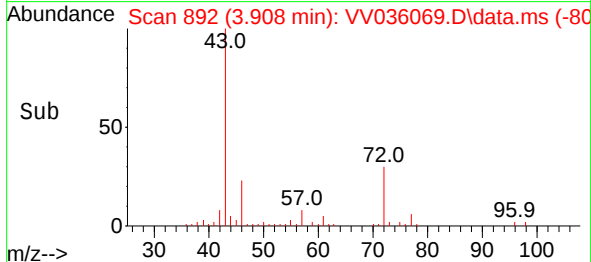
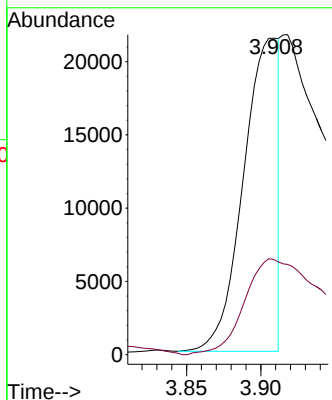
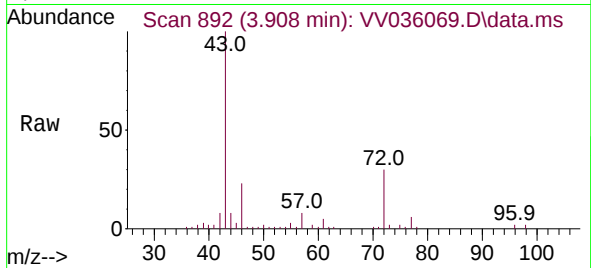




#22
2-Butanone
Concen: 17.097 ug/L
RT: 3.908 min Scan# 895
Delta R.T. -0.009 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

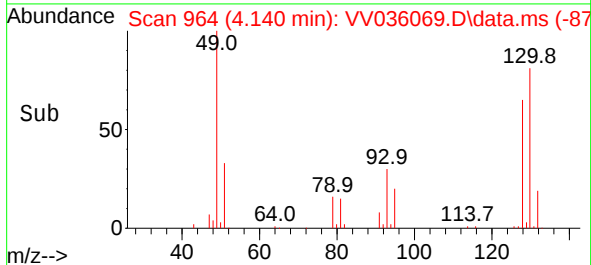
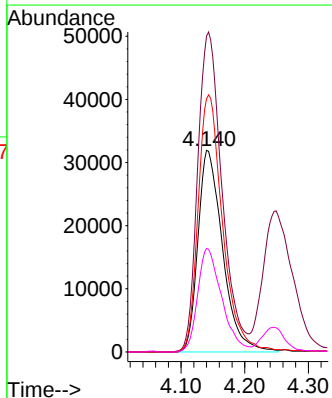
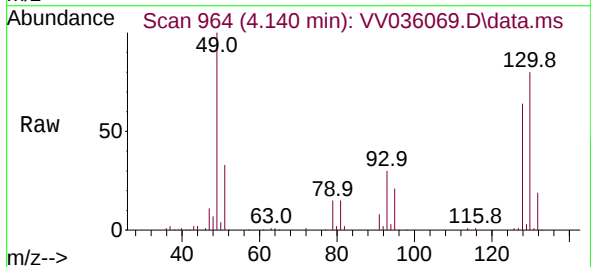
Instrument :
MSVOA_V
ClientSampleId :

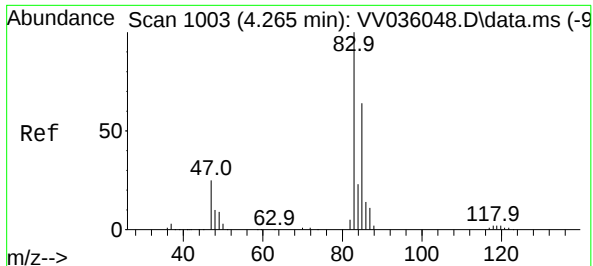
Tgt Ion: 43 Resp: 35256
Ion Ratio Lower Upper
43 100
72 71.1 8.2 24.4#



#23
Bromochloromethane
Concen: 27.094 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion:128 Resp: 85915
Ion Ratio Lower Upper
128 100
49 156.7 110.2 204.6
130 125.6 90.2 167.4
51 51.4 40.2 60.2





#25

Chloroform

Concen: 27.029 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

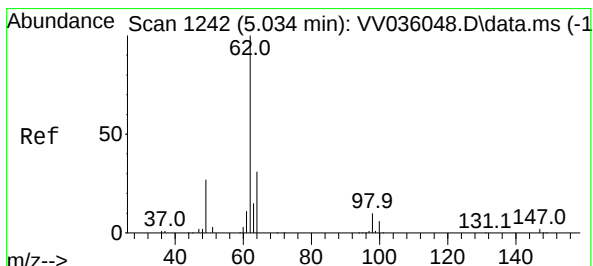
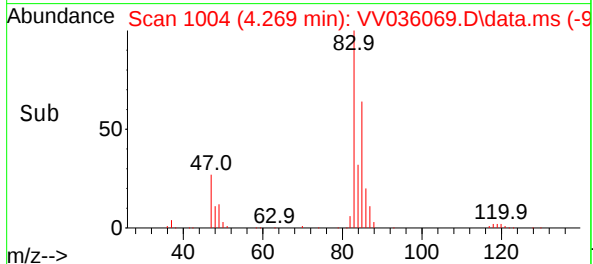
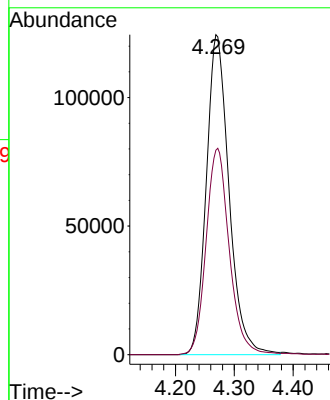
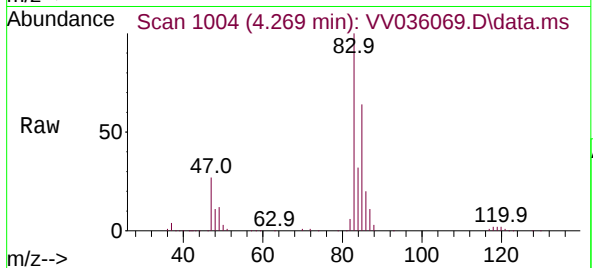
ClientSampleId :

Tgt Ion: 83 Resp: 333118

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 27.323 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV036069.D

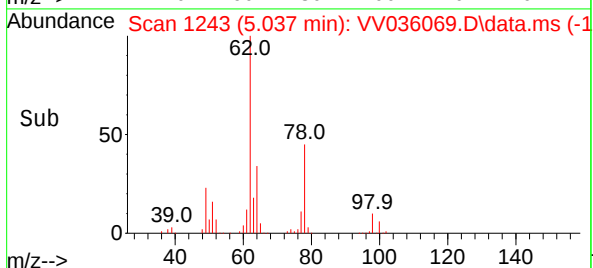
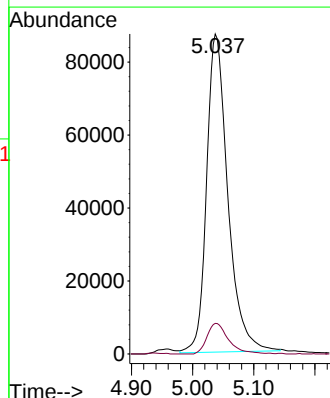
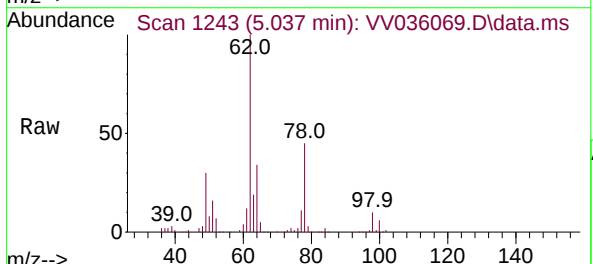
Acq: 13 Jun 2024 17:59

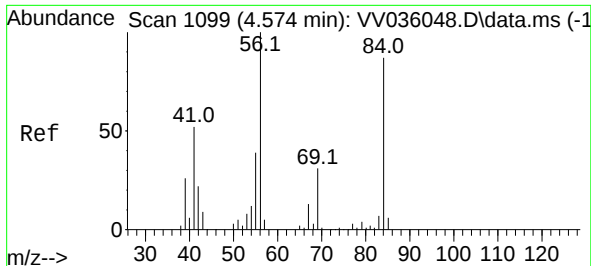
Tgt Ion: 62 Resp: 210236

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 24.798 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :

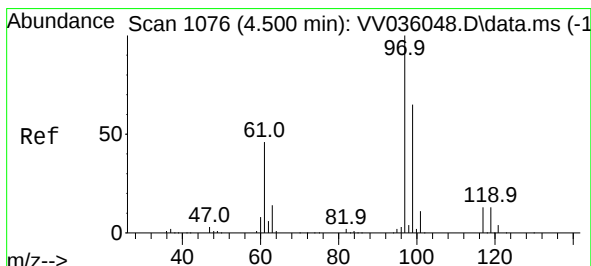
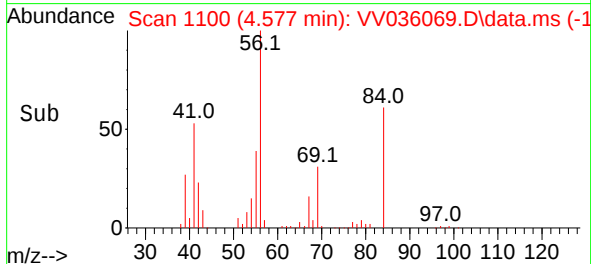
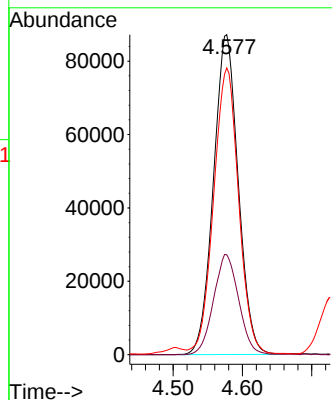
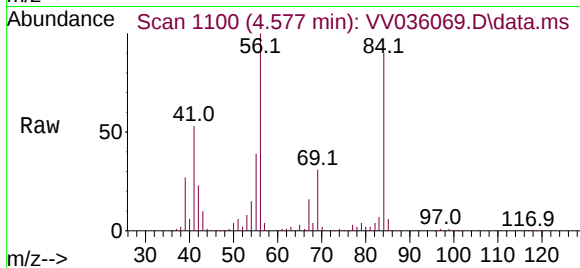
Tgt Ion: 56 Resp: 216276

Ion Ratio Lower Upper

56 100

69 31.7 25.2 37.8

84 89.9 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 27.704 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

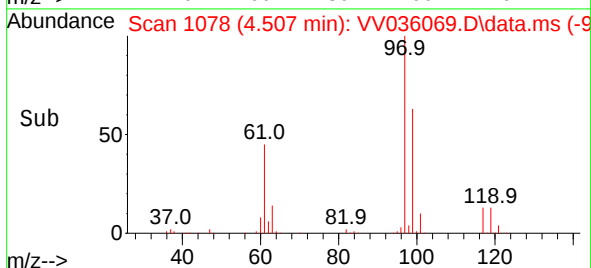
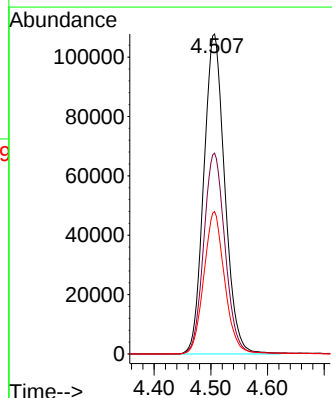
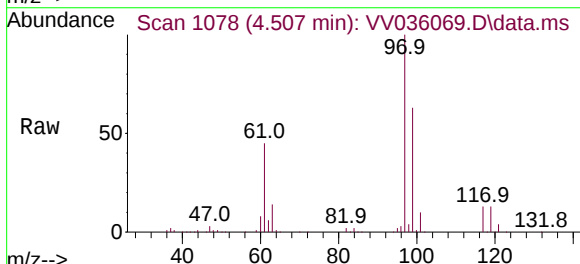
Tgt Ion: 97 Resp: 277429

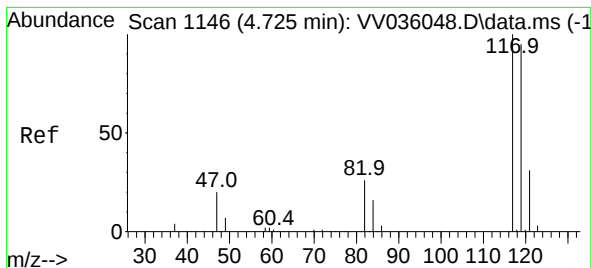
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.2 35.0 52.6





#31

Carbon tetrachloride

Concen: 26.921 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

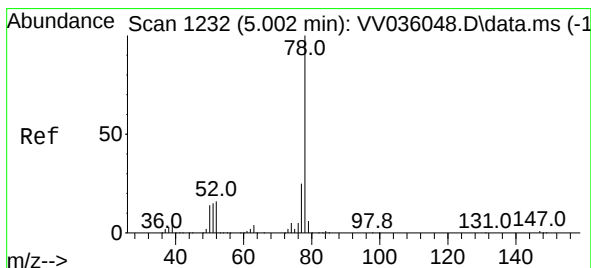
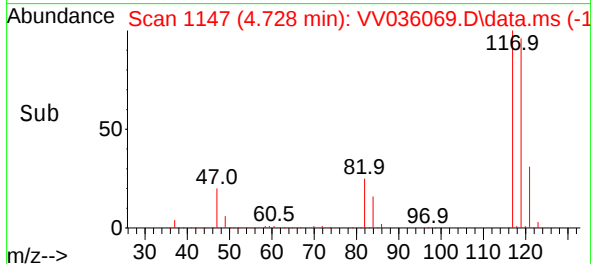
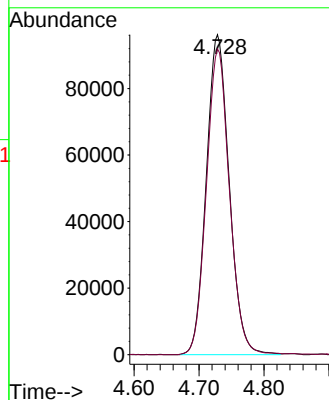
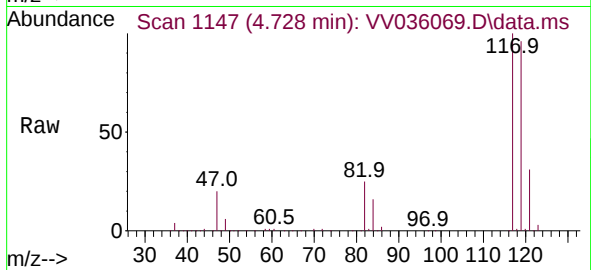
ClientSampleId :

Tgt Ion:117 Resp: 236511

Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2



#33

Benzene

Concen: 28.127 ug/L

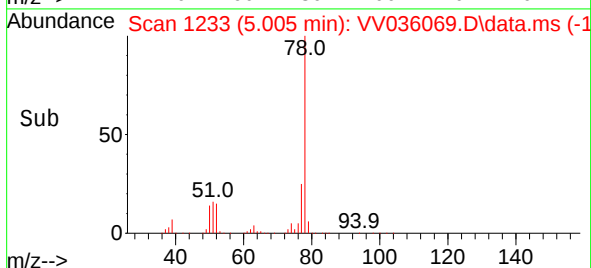
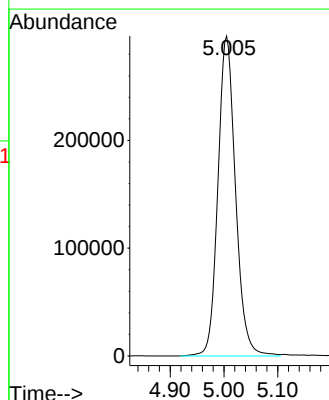
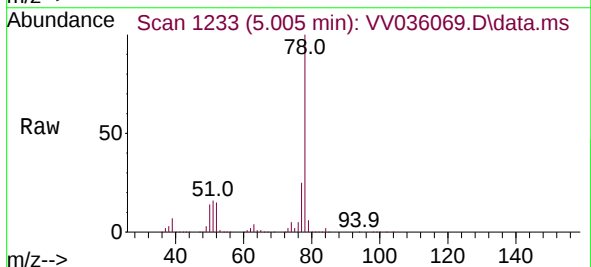
RT: 5.005 min Scan# 1233

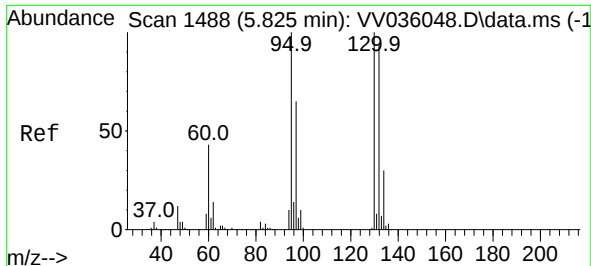
Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Tgt Ion: 78 Resp: 673833





#34

Trichloroethene

Concen: 27.330 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

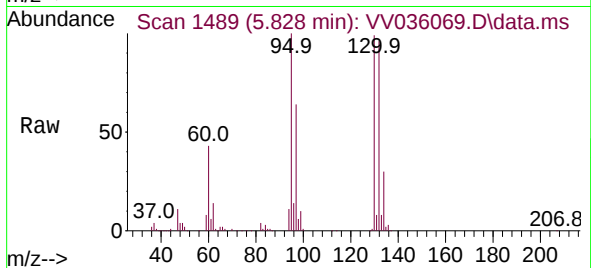
Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 200673

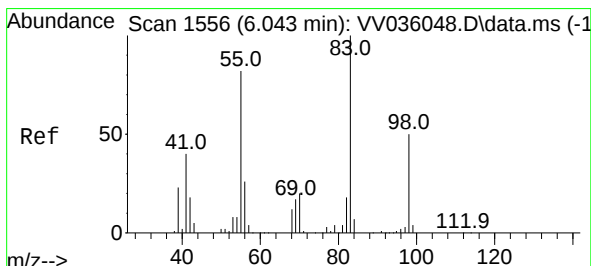
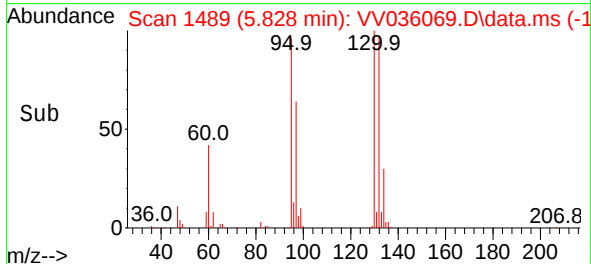
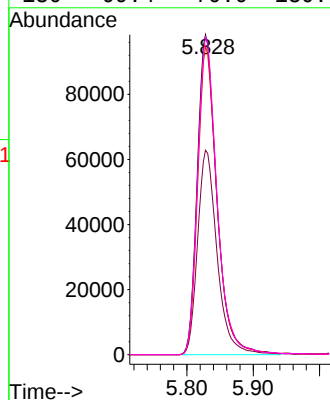
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 96.4 66.8 124.2

130 99.4 70.0 130.0



#35

Methylcyclohexane

Concen: 24.986 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

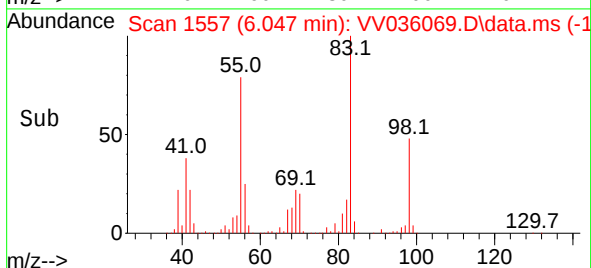
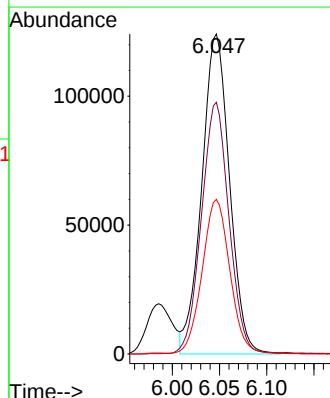
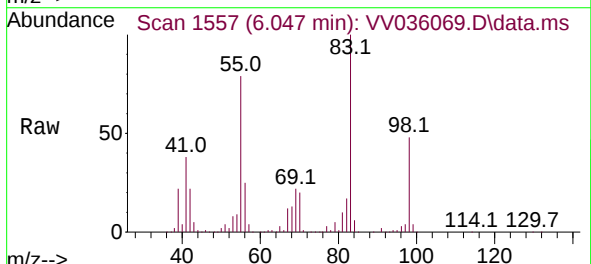
Tgt Ion: 83 Resp: 253703

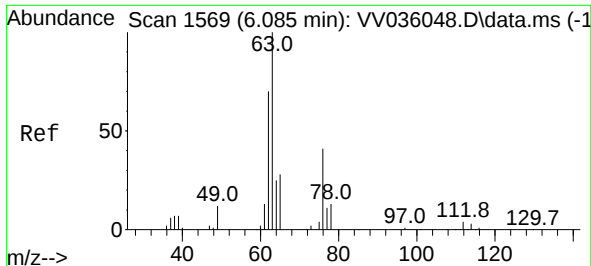
Ion Ratio Lower Upper

83 100

55 78.0 60.7 91.1

98 48.4 38.7 58.1

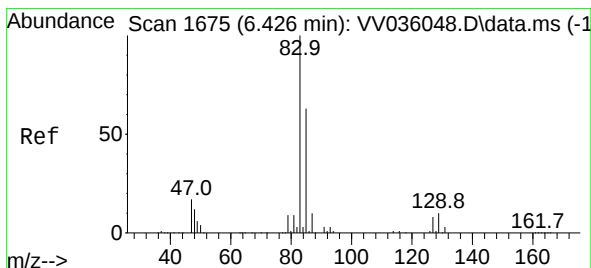
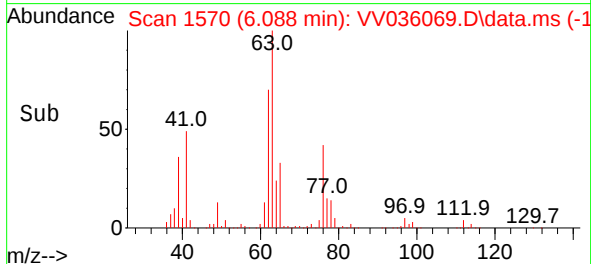
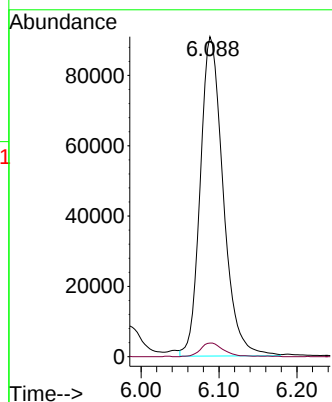
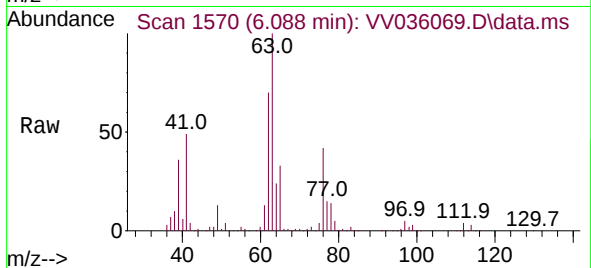




#37
1,2-Dichloropropane
Concen: 29.577 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

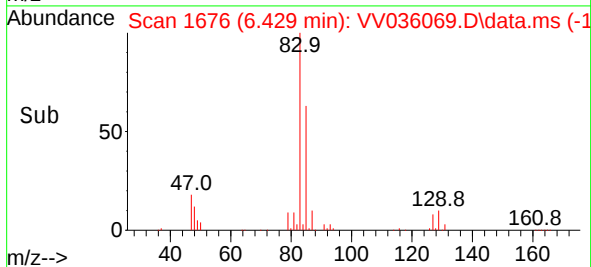
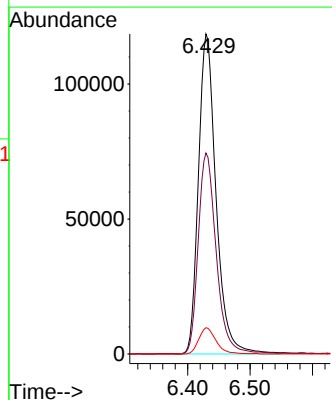
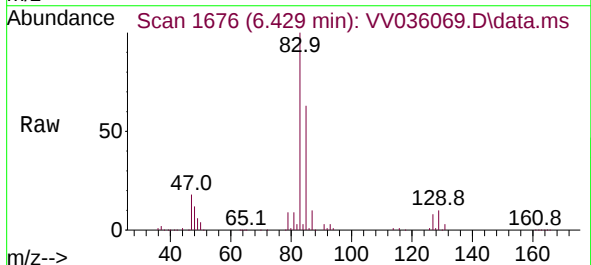
Instrument :
MSVOA_V
ClientSampleId :

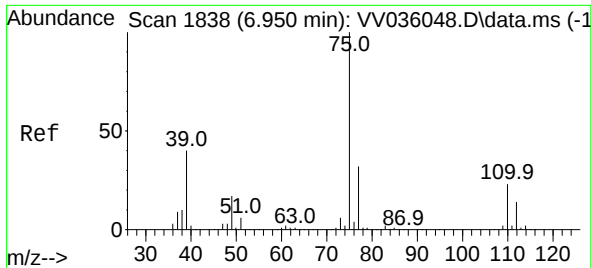
Tgt Ion: 63 Resp: 186055
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 28.014 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion: 83 Resp: 233251
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1
127 8.2 6.7 10.1

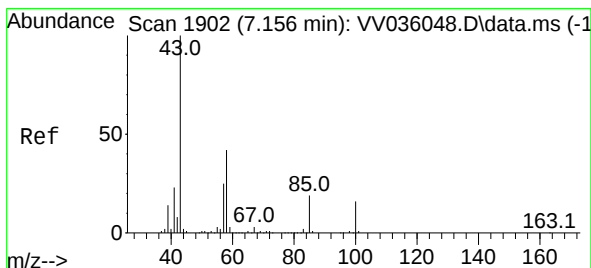
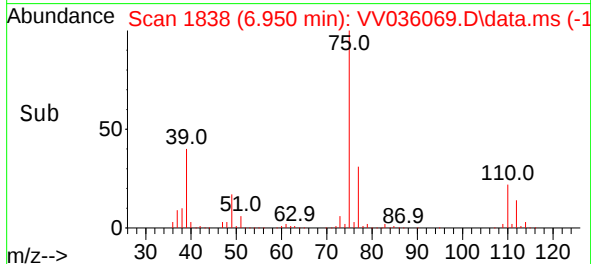
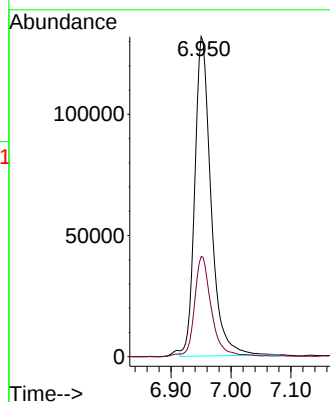
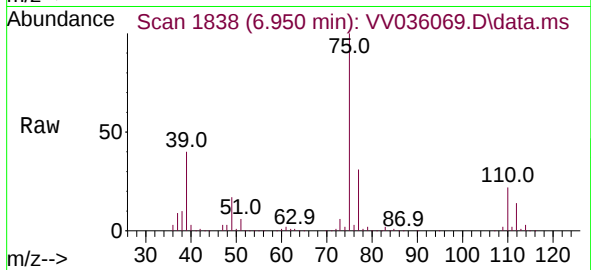




#39
cis-1,3-Dichloropropene
Concen: 26.451 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

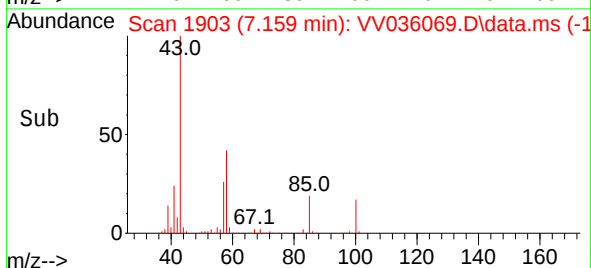
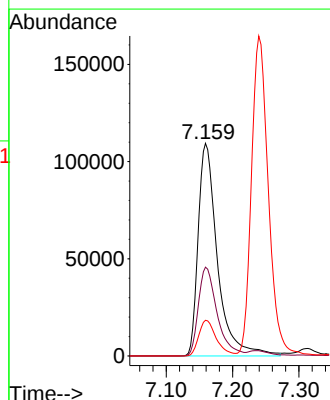
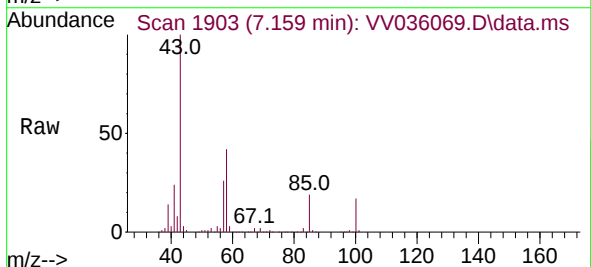
Instrument :
MSVOA_V
ClientSampleId :

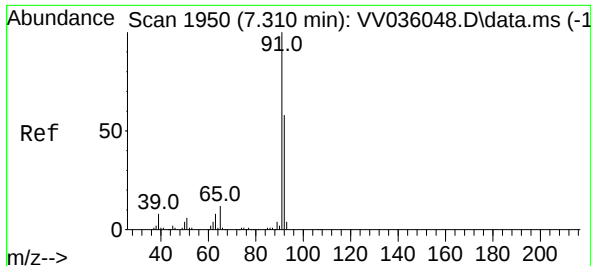
Tgt Ion: 75 Resp: 248868
Ion Ratio Lower Upper
75 100
77 31.3 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 64.788 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion: 43 Resp: 221429
Ion Ratio Lower Upper
43 100
58 40.4 32.5 48.7
100 15.3 12.5 18.7





#42

Toluene

Concen: 29.065 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

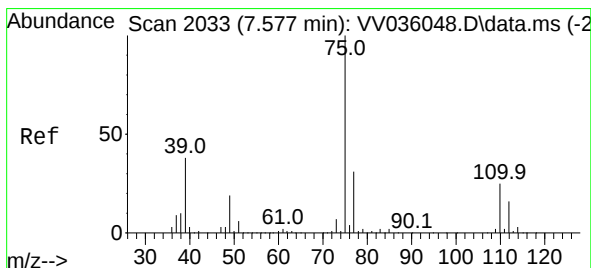
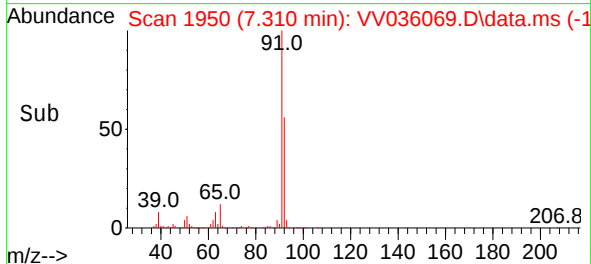
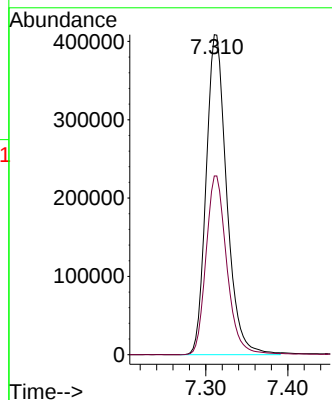
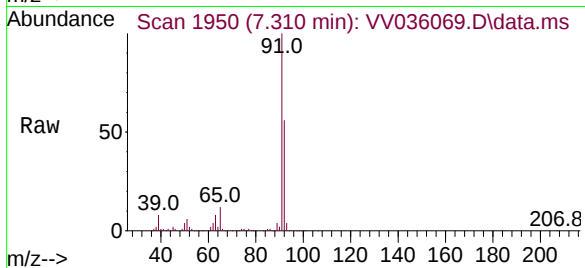
ClientSampleId :

Tgt Ion: 91 Resp: 711516

Ion Ratio Lower Upper

91 100

92 55.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 28.698 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036069.D

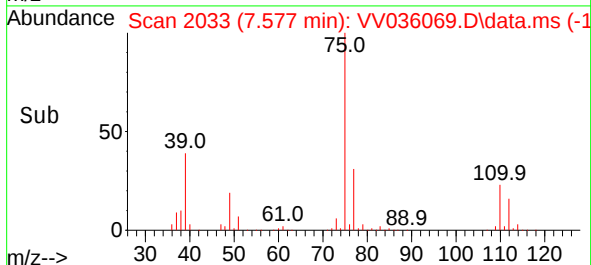
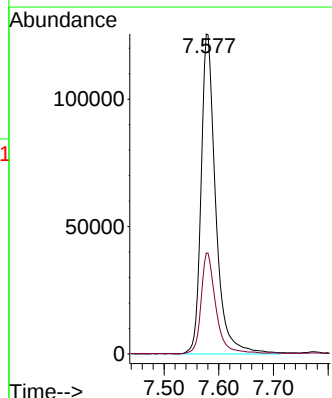
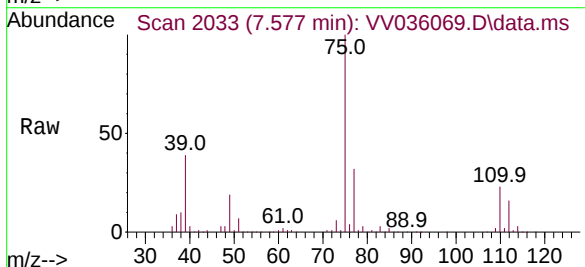
Acq: 13 Jun 2024 17:59

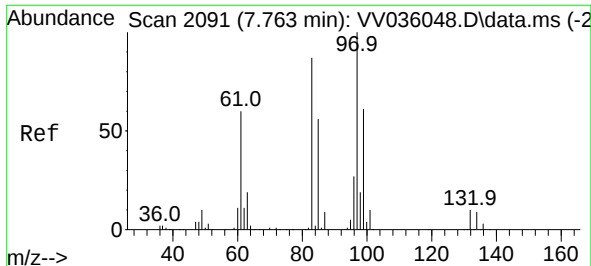
Tgt Ion: 75 Resp: 233224

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 28.714 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 149455

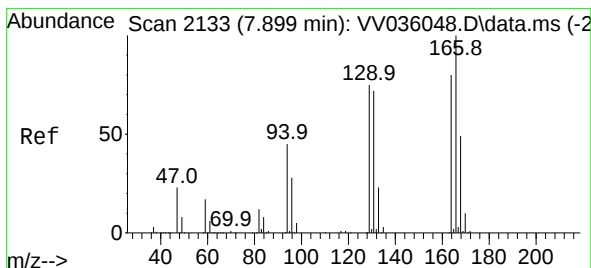
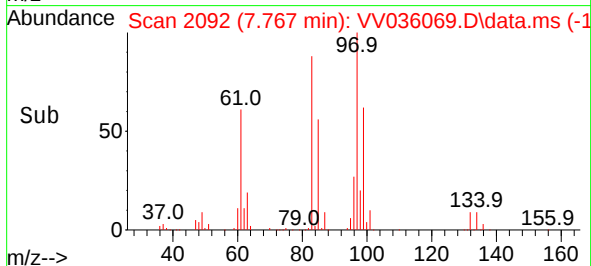
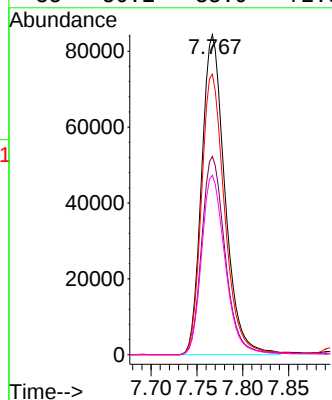
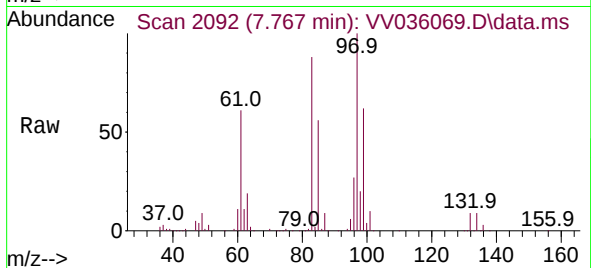
Ion Ratio Lower Upper

97 100

99 62.0 43.3 80.5

83 87.7 60.1 111.7

85 56.1 38.9 72.3



#46

Tetrachloroethene

Concen: 25.381 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Tgt Ion:164 Resp: 136299

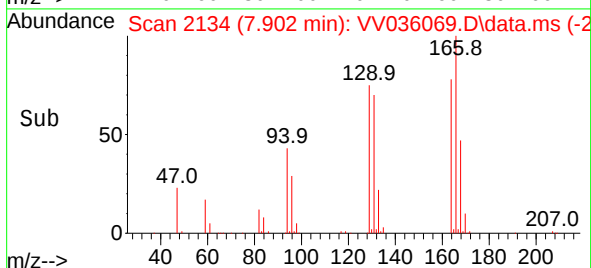
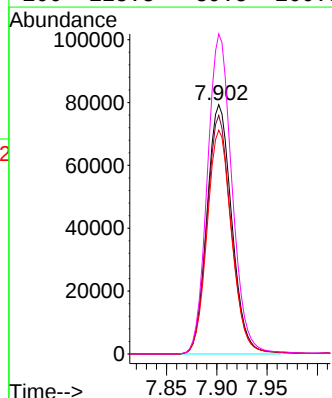
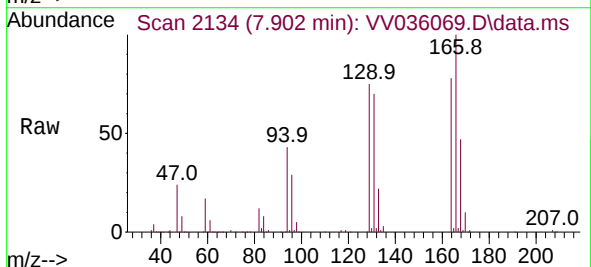
Ion Ratio Lower Upper

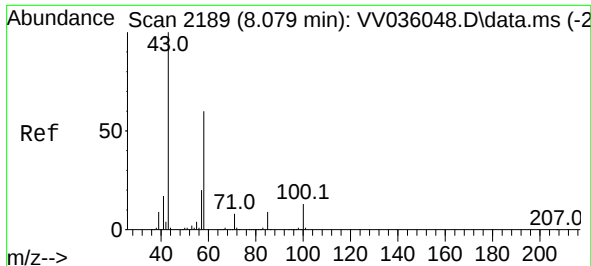
164 100

129 95.7 64.6 120.0

131 89.7 63.2 117.4

166 128.3 89.5 166.3





#48

2-Hexanone

Concen: 63.817 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

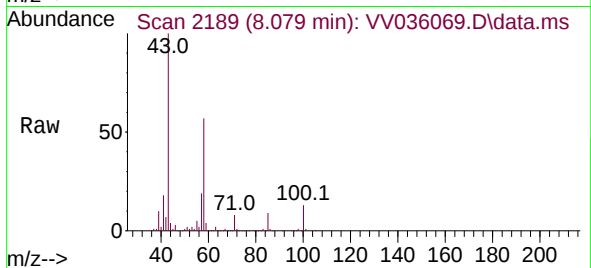
Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

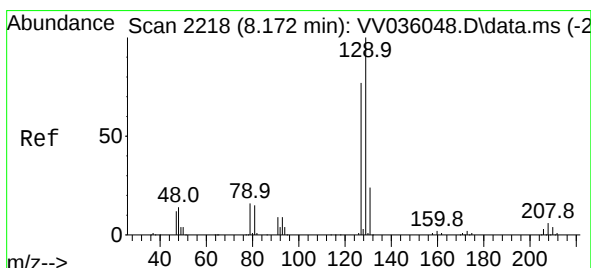
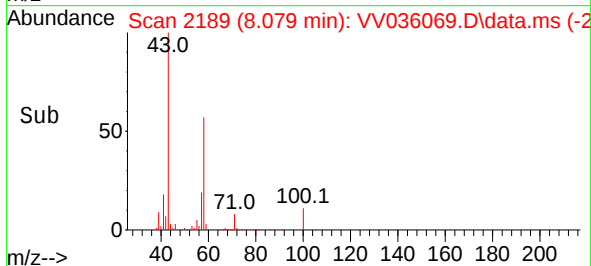
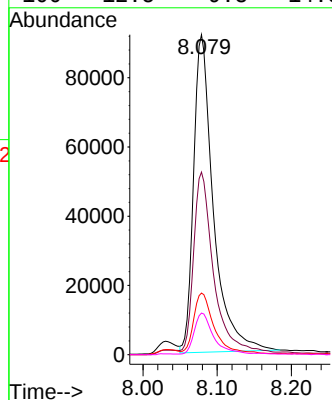
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 170513

Ion	Ratio	Lower	Upper
43	100		
58	57.2	45.4	68.0
57	20.0	15.8	23.8
100	12.5	9.8	14.8



#49

Dibromochloromethane

Concen: 28.489 ug/L

RT: 8.175 min Scan# 2219

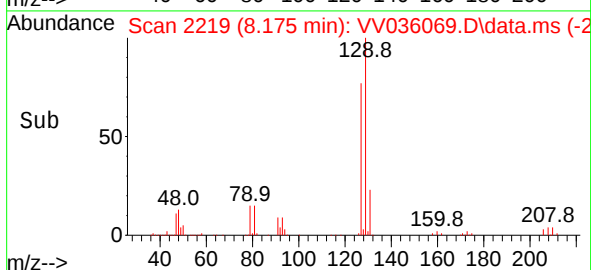
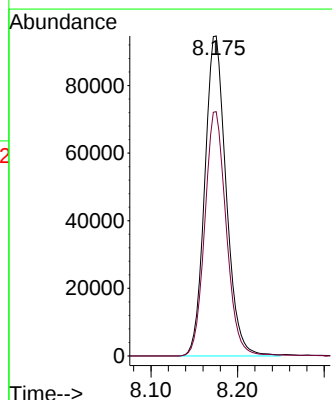
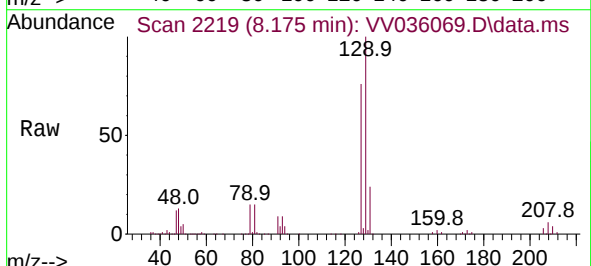
Delta R.T. 0.003 min

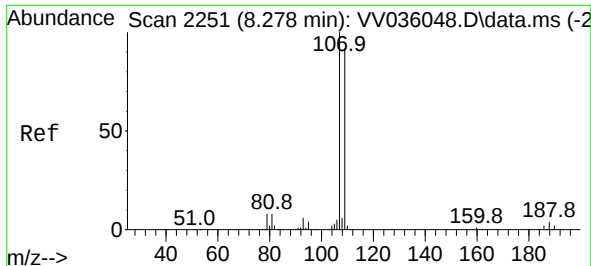
Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Tgt Ion: 129 Resp: 162288

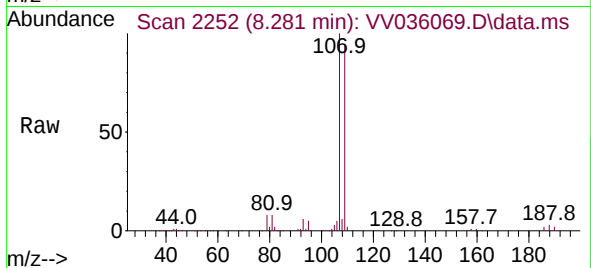
Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.9	100.1



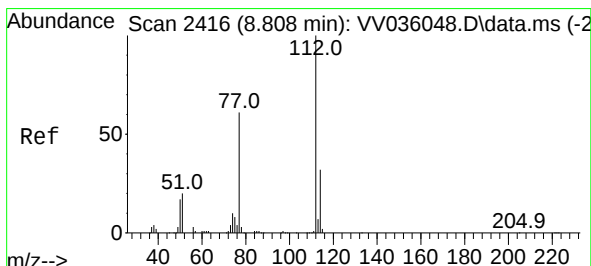
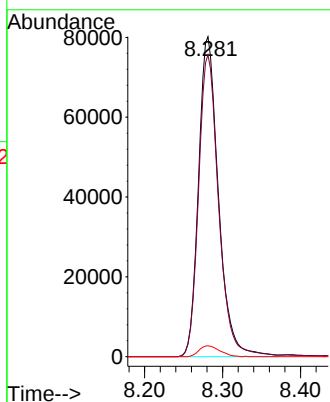
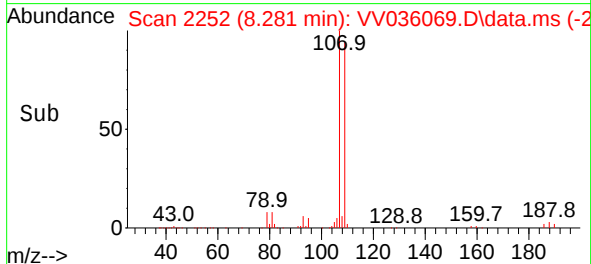


#50
1,2-Dibromoethane
Concen: 28.530 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

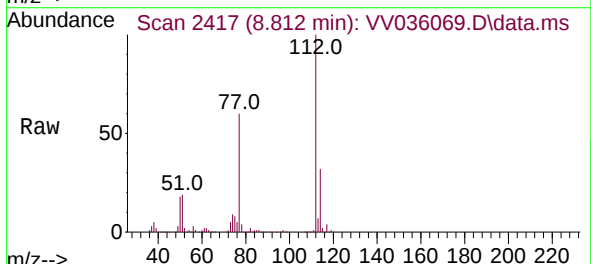
Instrument :
MSVOA_V
ClientSampleId :



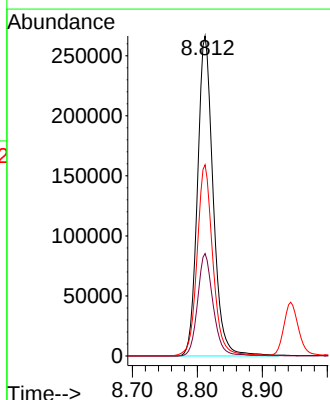
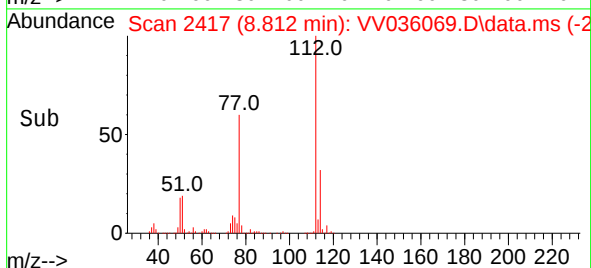
Tgt Ion:107 Resp: 142486
Ion Ratio Lower Upper
107 100
109 94.3 66.1 122.7
188 3.4 3.0 4.6

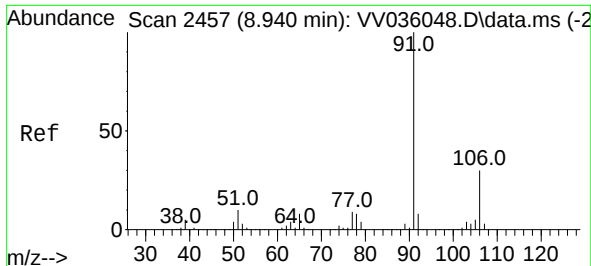


#51
Chlorobenzene
Concen: 26.851 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59



Tgt Ion:112 Resp: 447867
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.8 47.3 70.9





#52

Ethylbenzene

Concen: 28.050 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

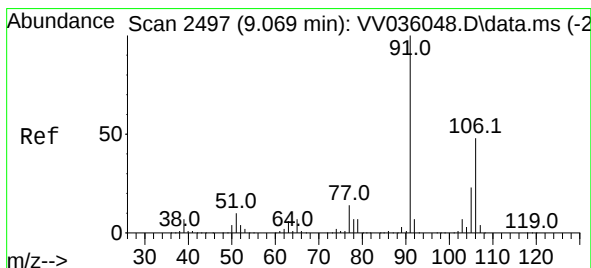
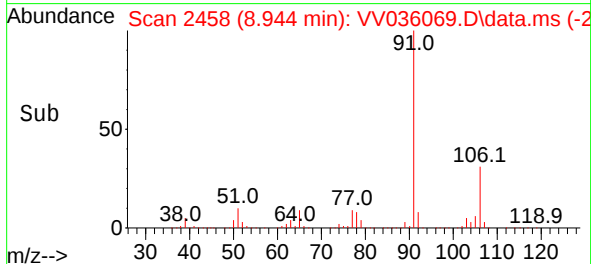
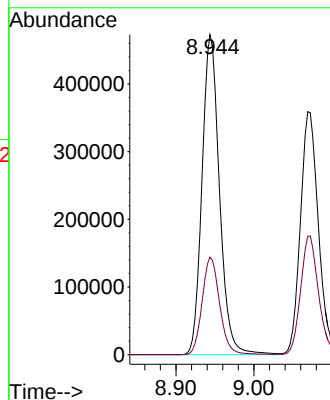
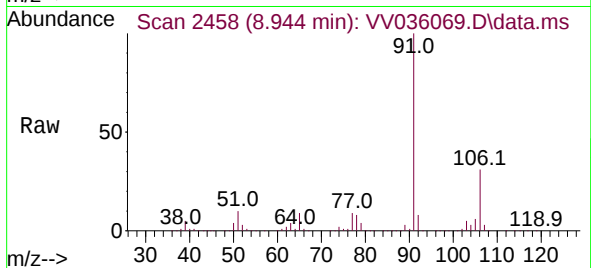
ClientSampleId :

Tgt Ion: 91 Resp: 734655

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 28.597 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV036069.D

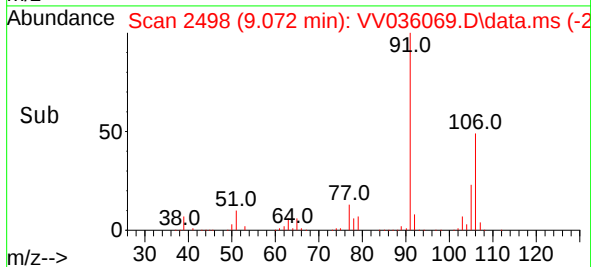
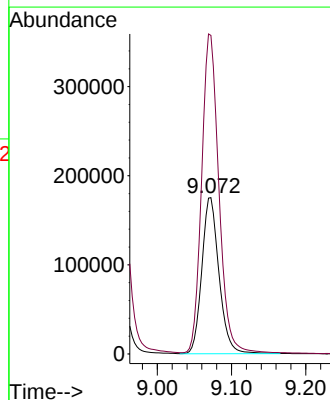
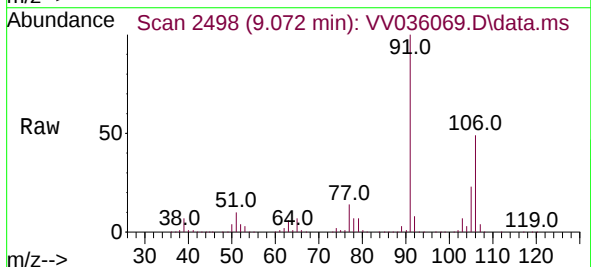
Acq: 13 Jun 2024 17:59

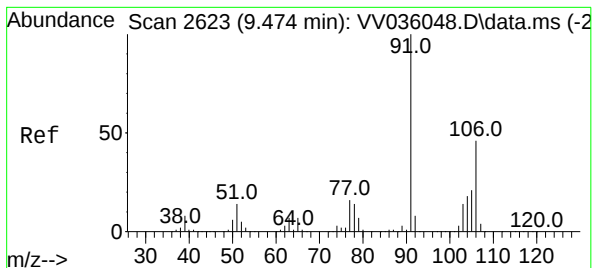
Tgt Ion:106 Resp: 281425

Ion Ratio Lower Upper

106 100

91 203.7 143.1 265.9





#54

o-Xylene

Concen: 27.973 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

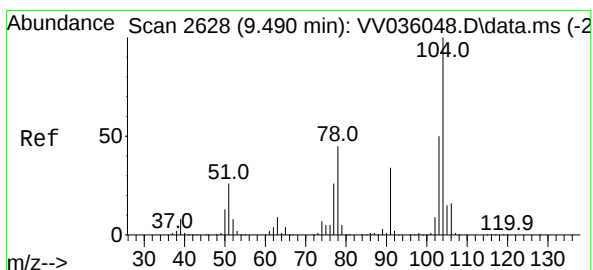
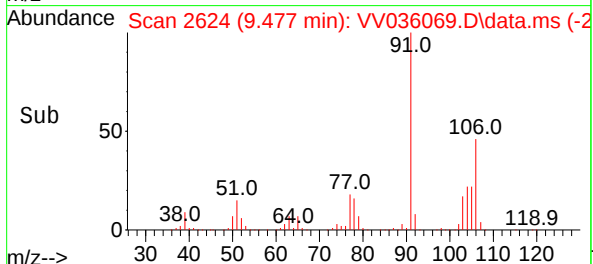
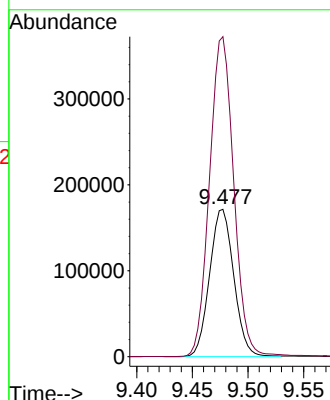
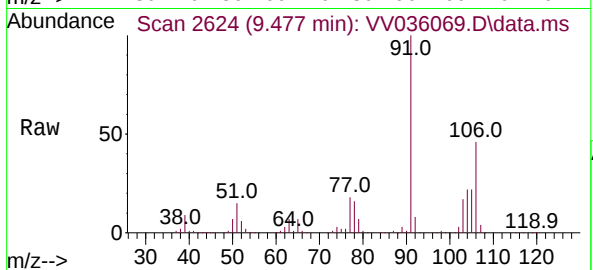
ClientSampleId :

Tgt Ion:106 Resp: 259607

Ion Ratio Lower Upper

106 100

91 217.0 154.5 286.9



#55

Styrene

Concen: 30.247 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036069.D

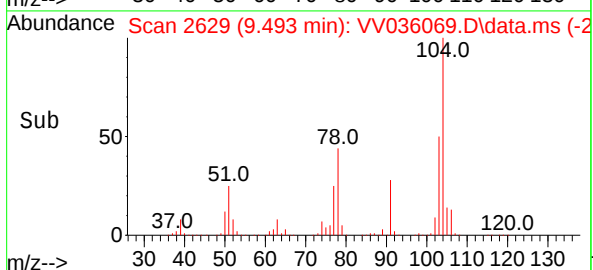
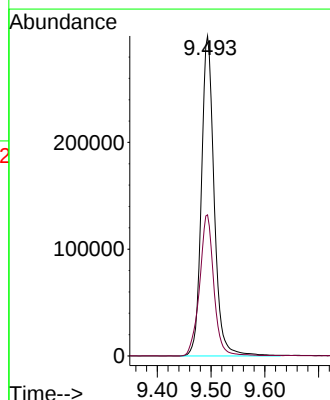
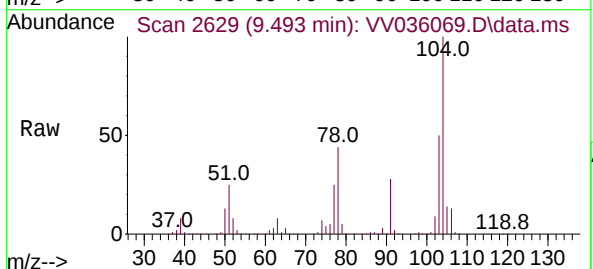
Acq: 13 Jun 2024 17:59

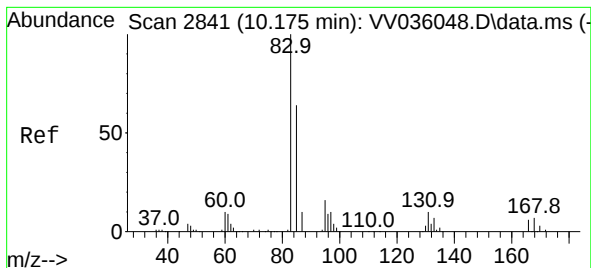
Tgt Ion:104 Resp: 495023

Ion Ratio Lower Upper

104 100

78 44.1 31.4 58.2

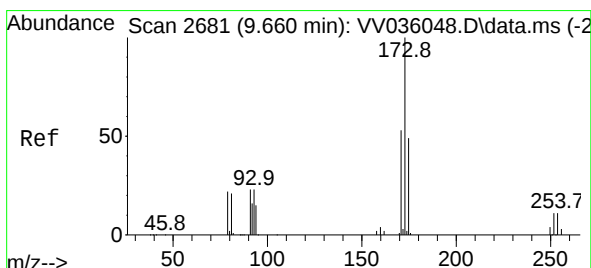
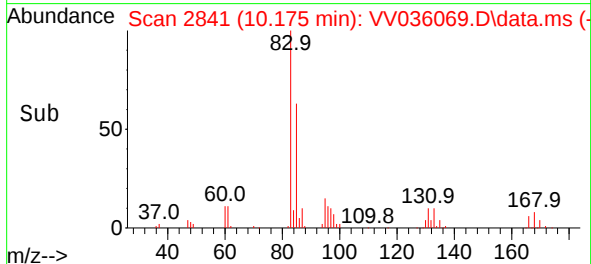
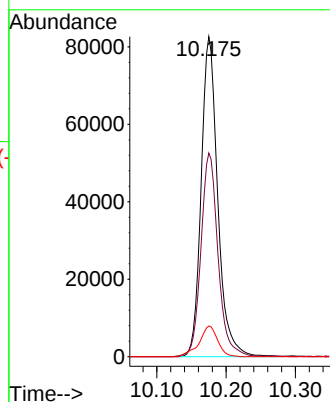
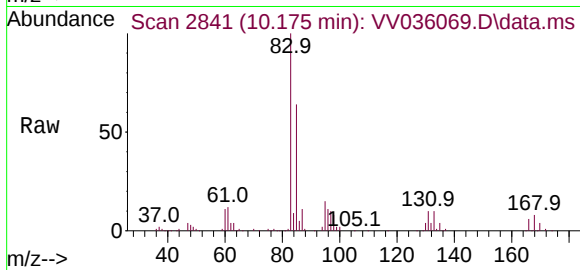




#57
1,1,2,2-Tetrachloroethane
Concen: 29.446 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

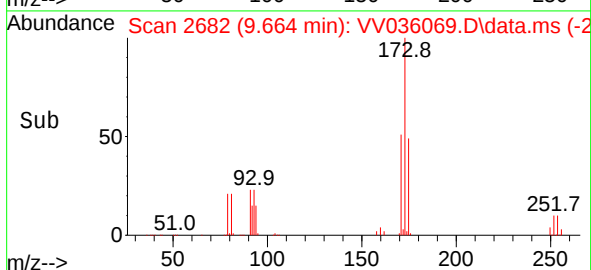
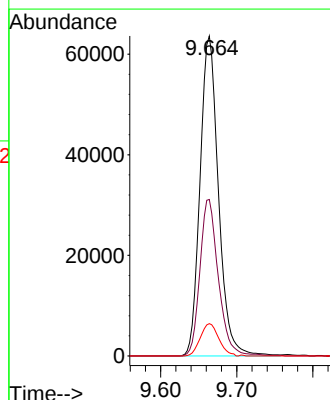
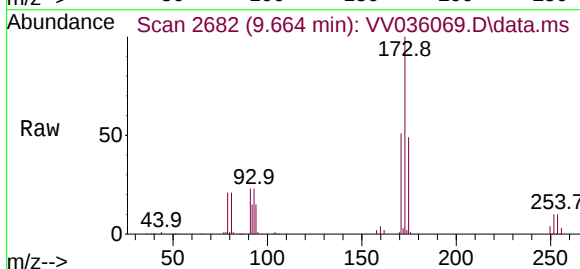
Instrument :
MSVOA_V
ClientSampleId :

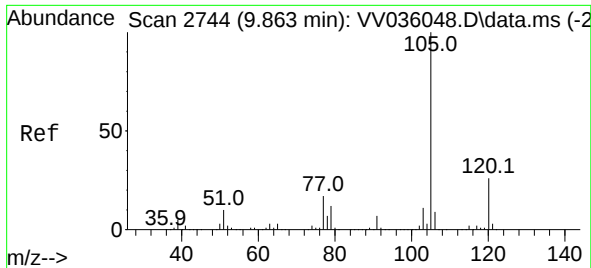
Tgt Ion: 83 Resp: 137238
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
131 9.6 7.6 11.4



#59
Bromoform
Concen: 28.780 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

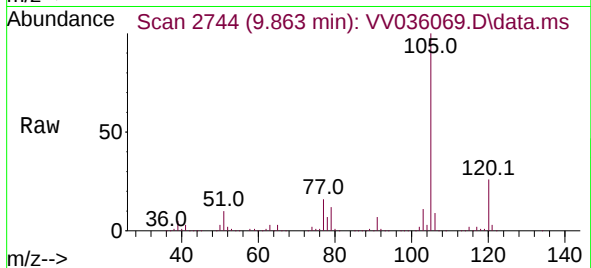
Tgt Ion: 173 Resp: 107299
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 10.1 8.6 13.0



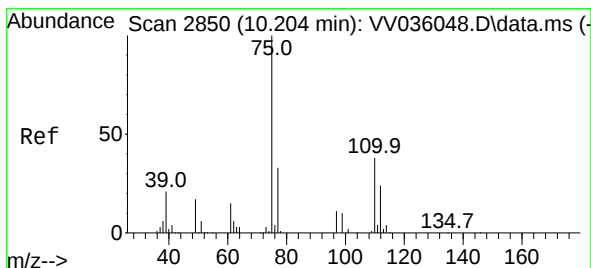
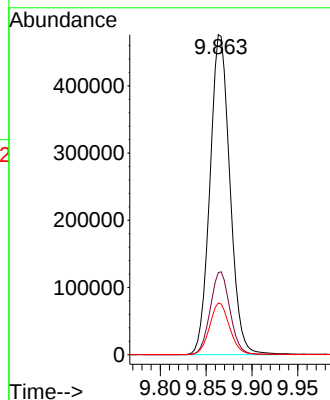
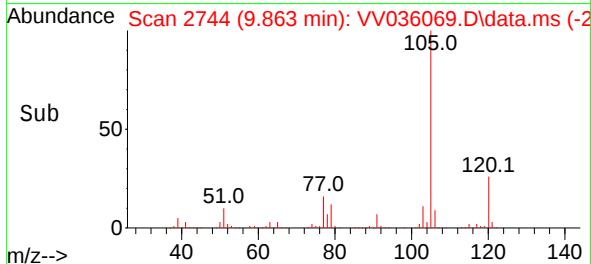


#60
Isopropylbenzene
Concen: 28.449 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

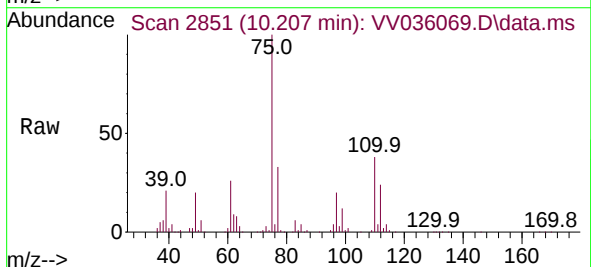
Instrument :
MSVOA_V
ClientSampleId :



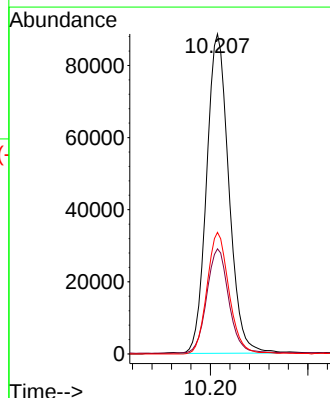
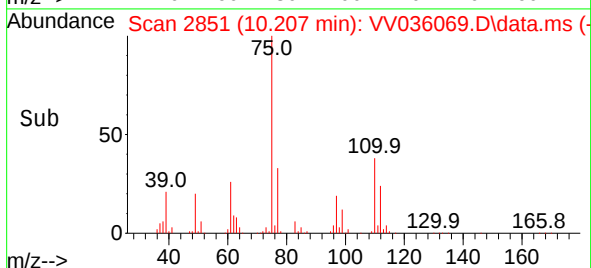
Tgt Ion:105 Resp: 721543
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.1 12.6 18.8

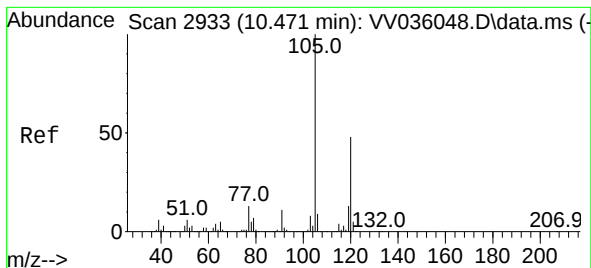


#61
1,2,3-Trichloropropane
Concen: 30.016 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59



Tgt Ion: 75 Resp: 140341
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 37.5 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 27.336 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

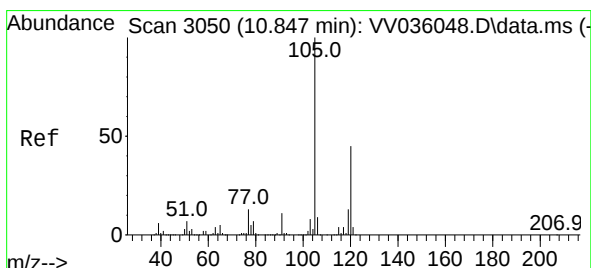
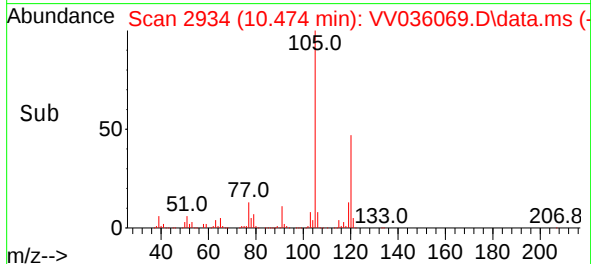
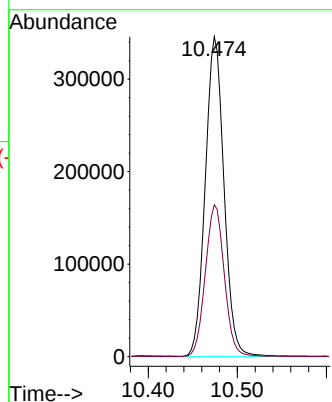
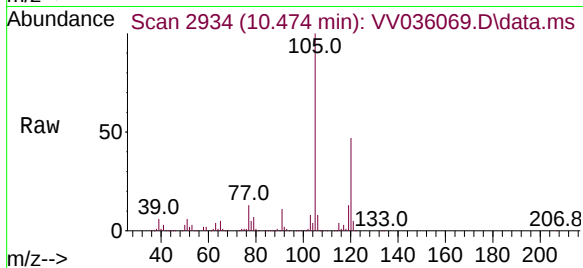
ClientSampleId :

Tgt Ion:105 Resp: 502746

Ion Ratio Lower Upper

105 100

120 48.2 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 27.943 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036069.D

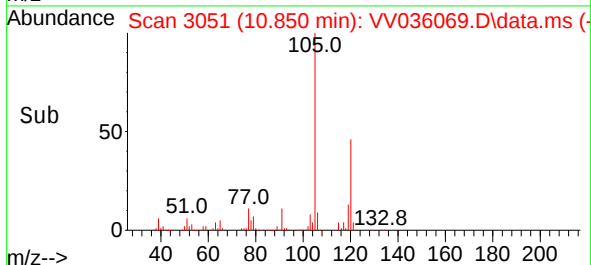
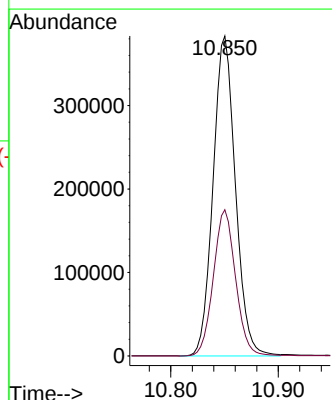
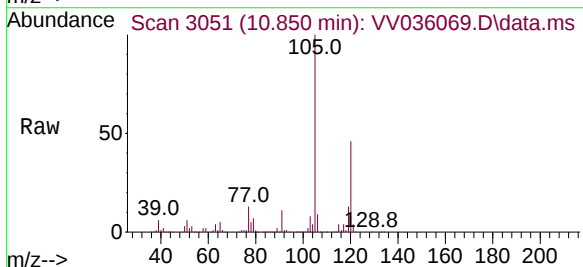
Acq: 13 Jun 2024 17:59

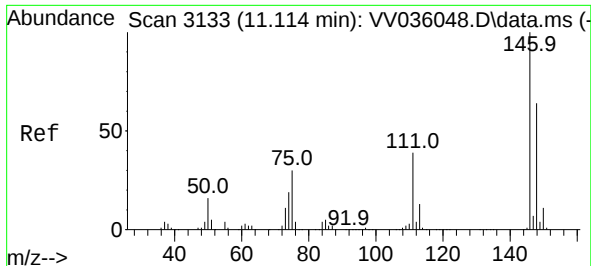
Tgt Ion:105 Resp: 553707

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.4

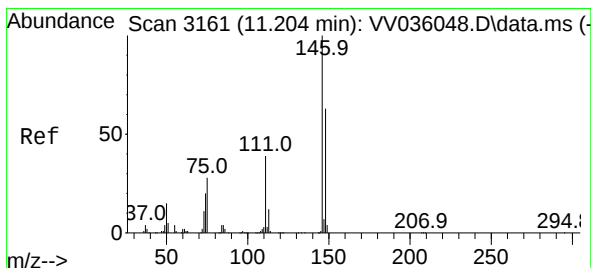
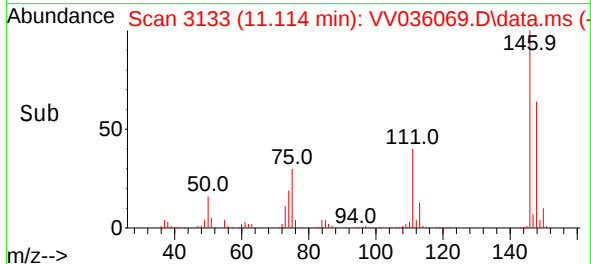
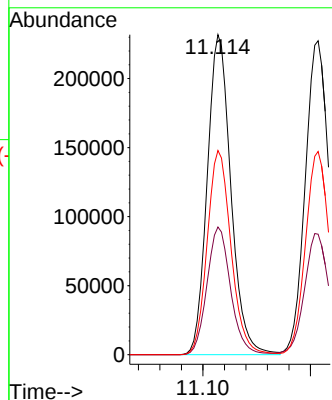
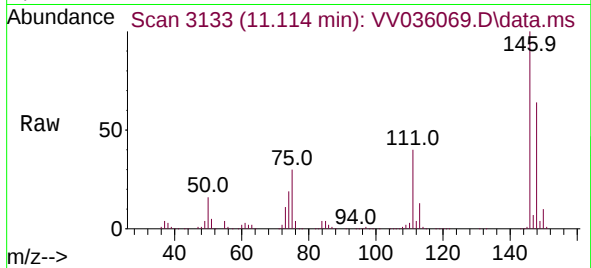




#64
1,3-Dichlorobenzene
Concen: 26.629 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

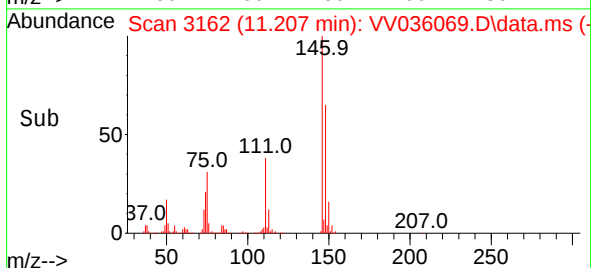
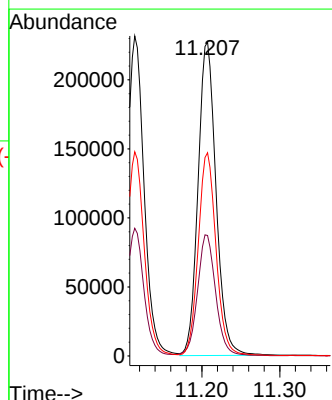
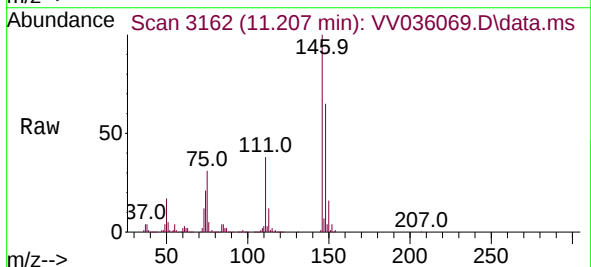
Instrument :
MSVOA_V
ClientSampleId :

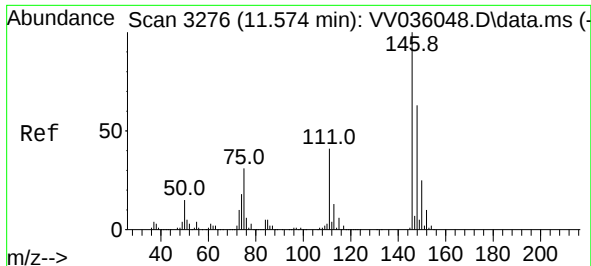
Tgt Ion:146 Resp: 354681
Ion Ratio Lower Upper
146 100
111 39.9 28.1 52.1
148 63.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 26.532 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036069.D
Acq: 13 Jun 2024 17:59

Tgt Ion:146 Resp: 364754
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 64.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.537 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :

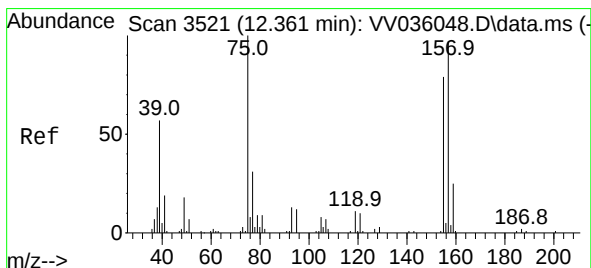
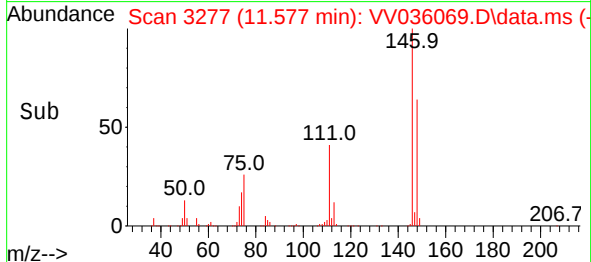
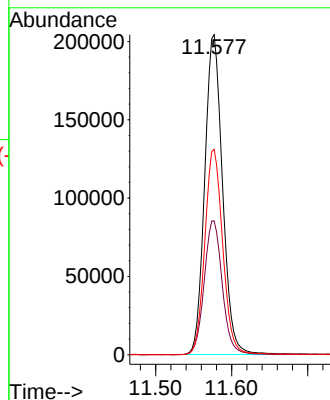
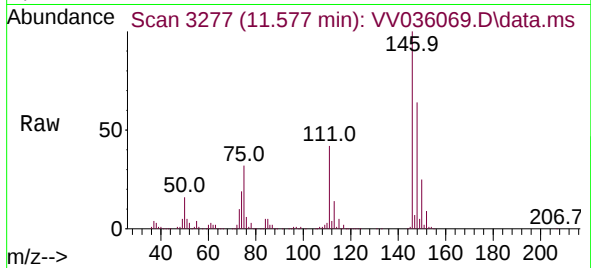
Tgt Ion:146 Resp: 332612

Ion Ratio Lower Upper

146 100

111 41.8 33.5 50.3

148 64.2 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 30.429 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

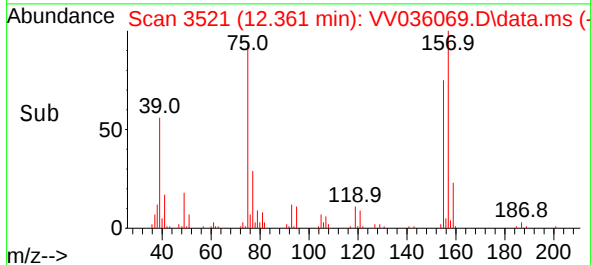
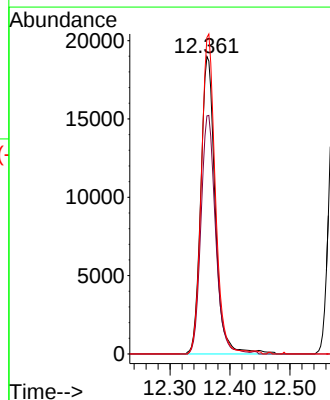
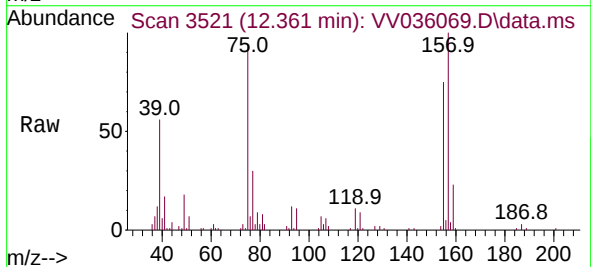
Tgt Ion: 75 Resp: 31814

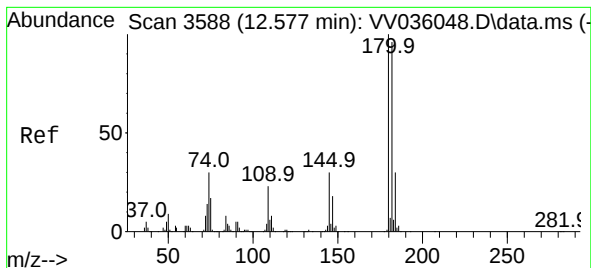
Ion Ratio Lower Upper

75 100

155 80.0 63.3 94.9

157 106.4 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 24.806 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

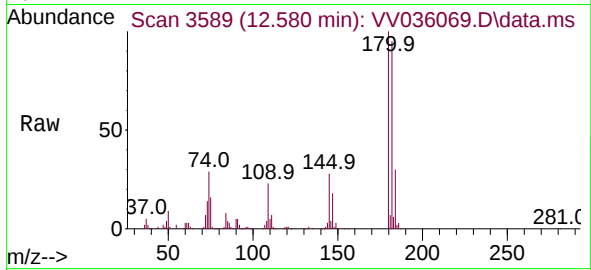
Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 247146

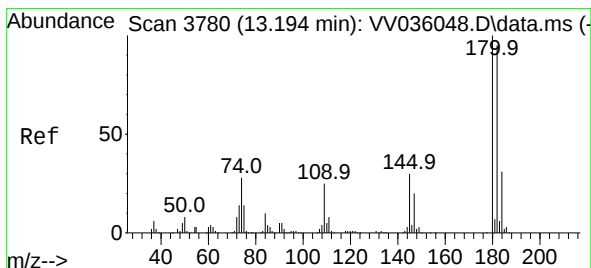
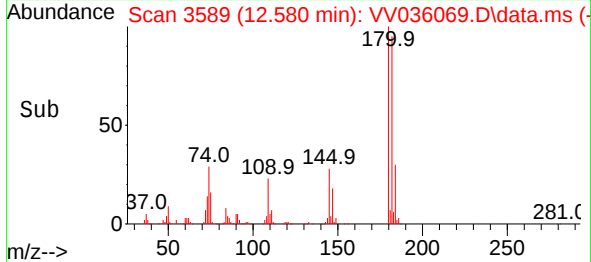
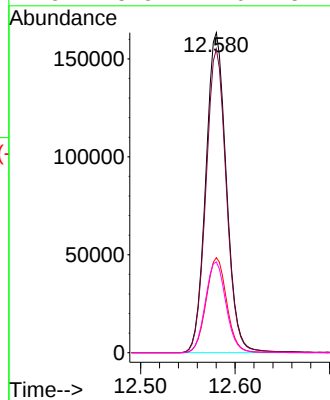
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

184 29.6 24.2 36.2

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 25.068 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

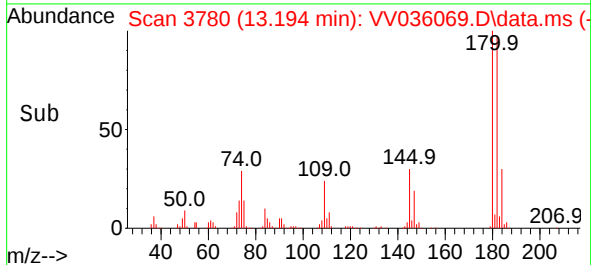
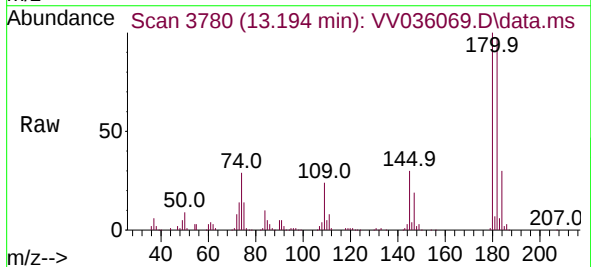
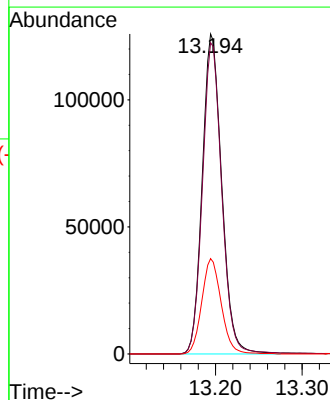
Tgt Ion:180 Resp: 196654

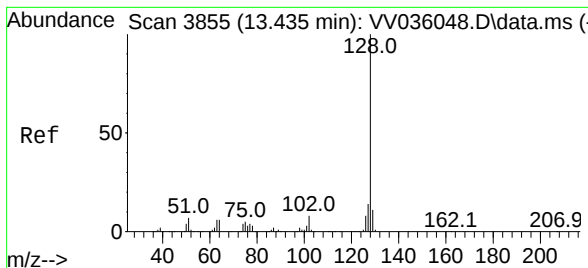
Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

145 29.7 23.5 35.3





#71

Naphthalene

Concen: 28.346 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :

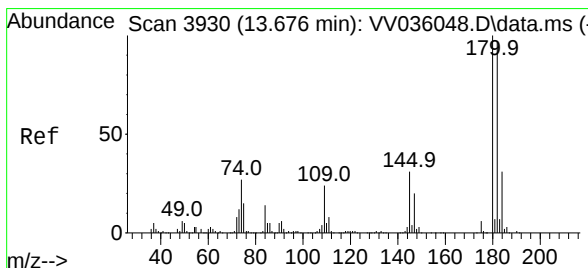
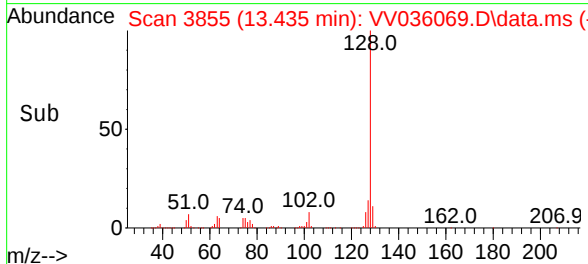
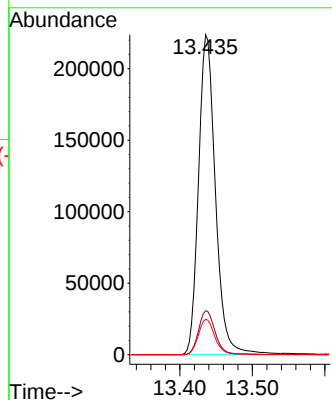
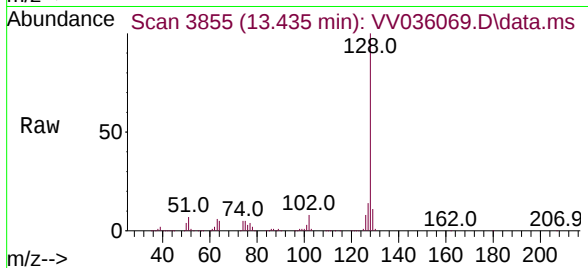
Tgt Ion:128 Resp: 362900

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.439 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036069.D

Acq: 13 Jun 2024 17:59

Tgt Ion:180 Resp: 196429

Ion Ratio Lower Upper

180 100

182 95.6 75.1 112.7

145 31.2 25.2 37.8

