

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036674.D
 Acq On : 24 Jul 2024 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 03:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:54:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	351045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	356299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205701	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	109042	42.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.420%
7) Chloroethane-d5	1.526	69	96842	43.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.053	65	53460	43.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%
21) 2-Butanone-d5	3.783	46	129879	98.100	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	4.246	84	243468	46.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	4.937	65	149873	47.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
32) Benzene-d6	4.957	84	440766	47.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	5.985	67	124512	46.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.860%
41) Toluene-d8	7.239	98	446537	48.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	7.551	79	68248	47.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.060%
47) 2-Hexanone-d5	8.021	63	101416	103.283	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190138	46.250	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	191920	45.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	145601	45.714	ug/L	99
3) Chloromethane	1.214	50	104386	44.581	ug/L	98
5) Vinyl chloride	1.281	62	128002	44.816	ug/L	100
6) Bromomethane	1.481	94	114128	51.810	ug/L	100
8) Chloroethane	1.545	64	87748	46.721	ug/L	100
9) Trichlorofluoromethane	1.709	101	232542	46.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	139029	46.516	ug/L	99
12) 1,1-Dichloroethene	2.066	96	126424	46.304	ug/L	97
13) Acetone	2.108	43	108096	85.170	ug/L	100
14) Carbon disulfide	2.236	76	320166	46.256	ug/L	99
15) Methyl Acetate	2.368	43	100401	48.715	ug/L	99
16) Methylene chloride	2.442	84	130279	46.494	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	122663	47.026	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	352507	49.910	ug/L	100
19) 1,1-Dichloroethane	3.108	63	198835	46.733	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	136614	48.460	ug/L	99
22) 2-Butanone	3.863	43	132551	95.240	ug/L	98
23) Bromochloromethane	4.143	128	83438	48.572	ug/L	99
25) Chloroform	4.272	83	243828	47.362	ug/L	100

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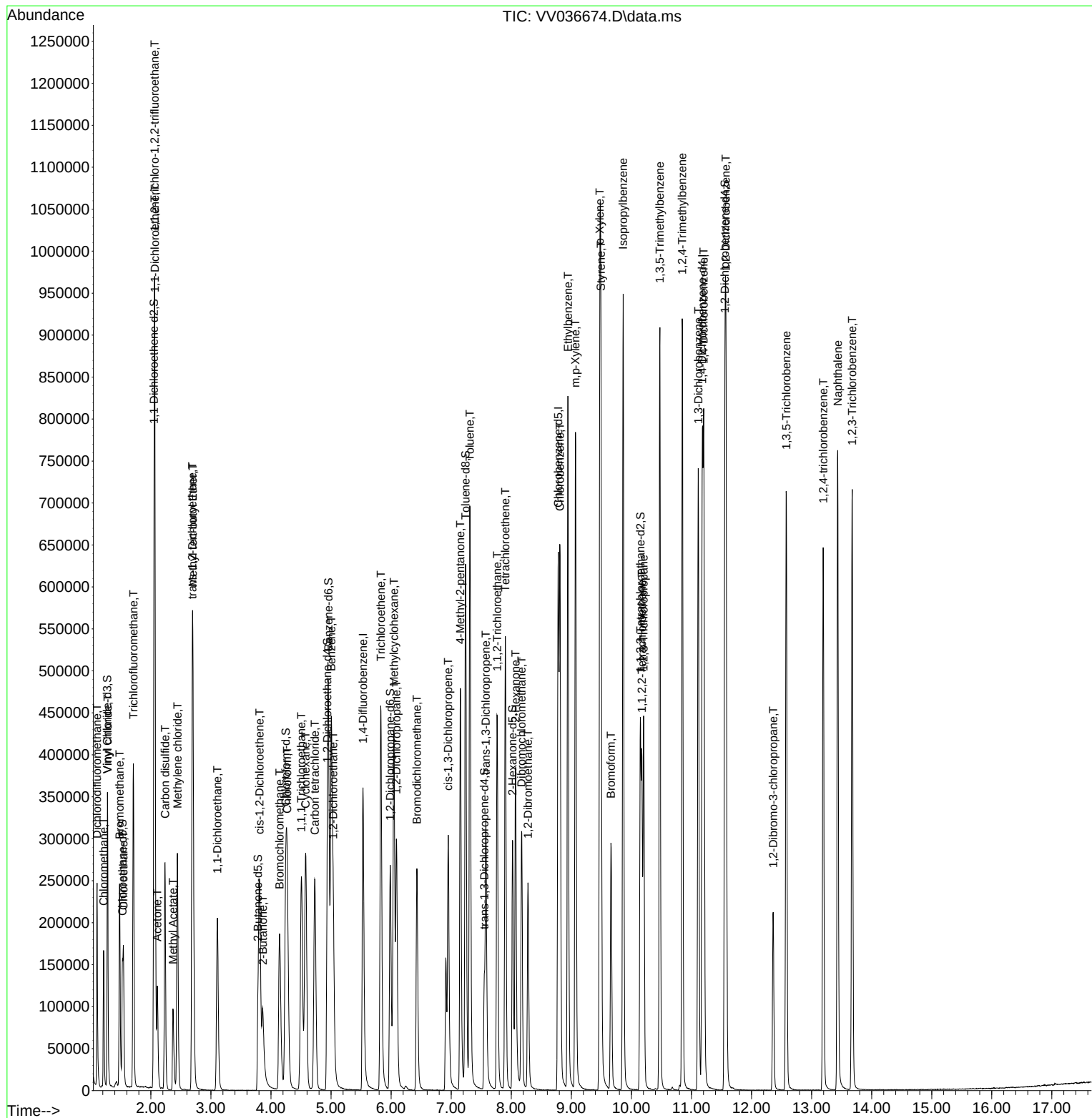
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	185435	50.039	ug/L	100
29) Cyclohexane	4.577	56	140969	49.298	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	219247	47.812	ug/L	99
31) Carbon tetrachloride	4.728	117	203645	47.376	ug/L	99
33) Benzene	5.005	78	476508	50.131	ug/L	100
34) Trichloroethene	5.828	95	155344	47.403	ug/L	99
35) Methylcyclohexane	6.047	83	193911	50.419	ug/L	100
37) 1,2-Dichloropropane	6.088	63	111635	48.650	ug/L	100
38) Bromodichloromethane	6.429	83	181499	47.927	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	184432	47.101	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	270127	106.918	ug/L	100
42) Toluene	7.310	91	543749	51.326	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	192177	50.094	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	144672	49.803	ug/L	98
46) Tetrachloroethene	7.902	164	129097	45.938	ug/L	100
48) 2-Hexanone	8.072	43	215010	105.475	ug/L	98
49) Dibromochloromethane	8.172	129	164429	48.857	ug/L	97
50) 1,2-Dibromoethane	8.278	107	164656	50.001	ug/L	99
51) Chlorobenzene	8.812	112	375842	48.090	ug/L	99
52) Ethylbenzene	8.944	91	578158	50.266	ug/L	100
53) m,p-Xylene	9.069	106	233219	52.092	ug/L	99
54) o-Xylene	9.474	106	223443	51.952	ug/L	98
55) Styrene	9.493	104	399689	53.347	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	176714	46.913	ug/L	96
59) Bromoform	9.661	173	138241	48.868	ug/L	100
60) Isopropylbenzene	9.863	105	595608	51.611	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	172415	49.982	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	477749	52.217	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	486419	52.951	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	321773	48.225	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	337052	47.945	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	331427	48.679	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	51404	48.741	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	244316	48.236	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	212260	48.069	ug/L	98
71) Naphthalene	13.435	128	623759	52.702	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	236576	50.218	ug/L	99

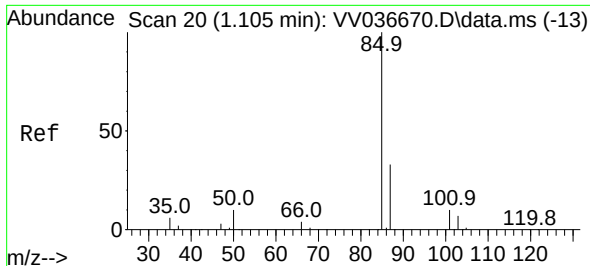
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 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

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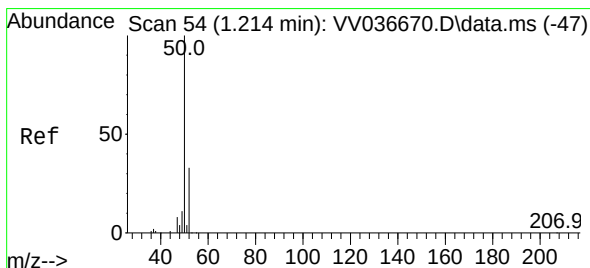
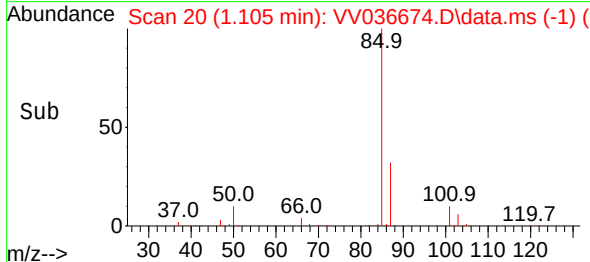
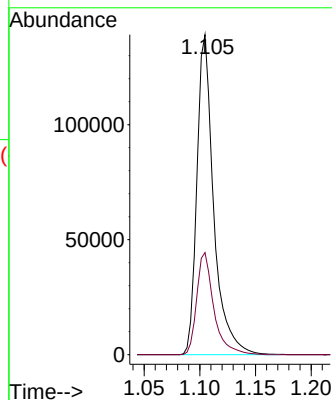
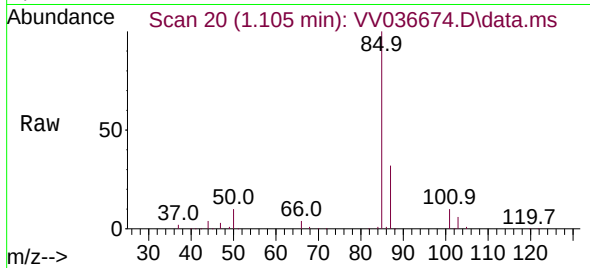




#2
 Dichlorodifluoromethane
 Concen: 45.714 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV036674.D
 Acq: 24 Jul 2024 20:09

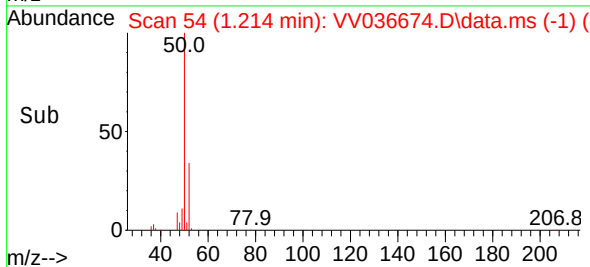
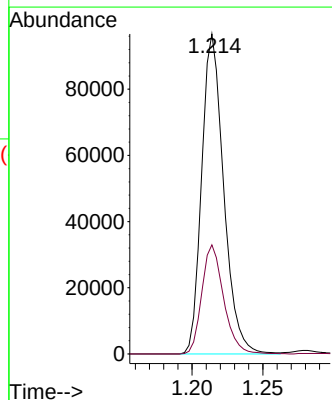
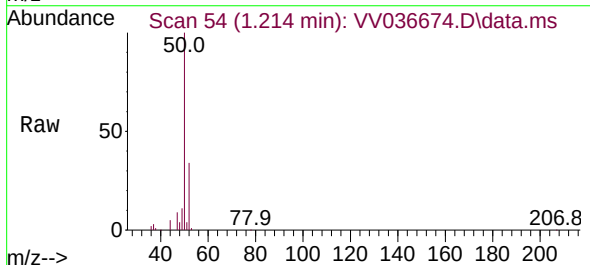
Instrument :
 MSVOA_V
 ClientSampleId :

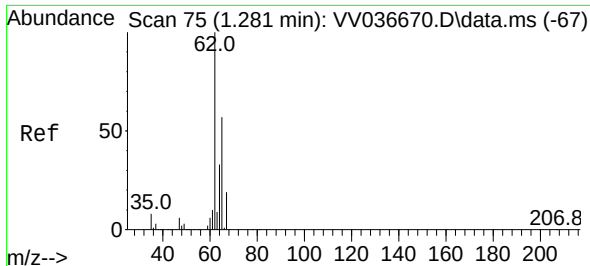
Tgt Ion: 85 Resp: 145601
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.4 39.6



#3
 Chloromethane
 Concen: 44.581 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV036674.D
 Acq: 24 Jul 2024 20:09

Tgt Ion: 50 Resp: 104386
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.2 43.0

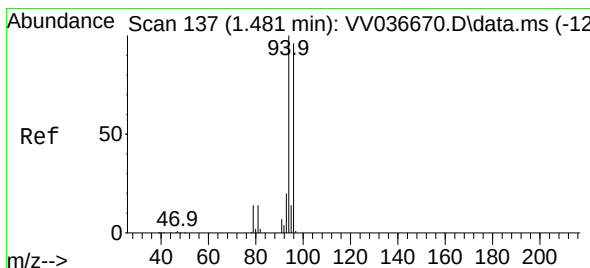
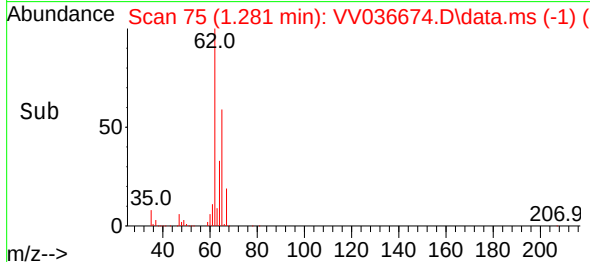
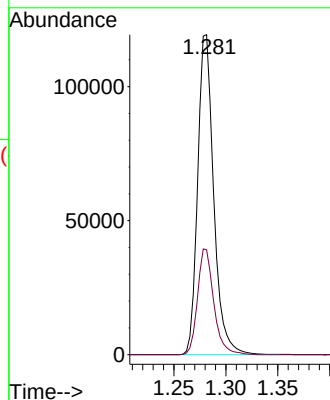
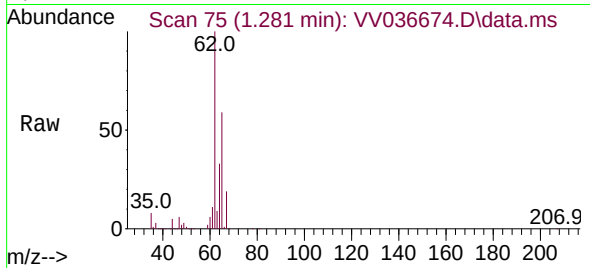




#5
 Vinyl chloride
 Concen: 44.816 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV036674.D
 Acq: 24 Jul 2024 20:09

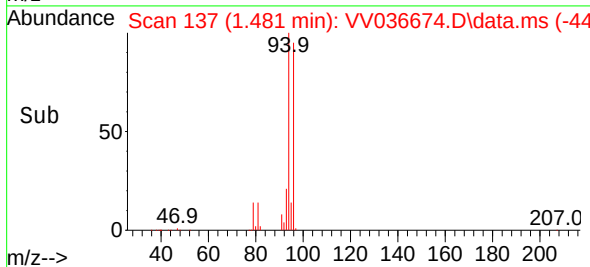
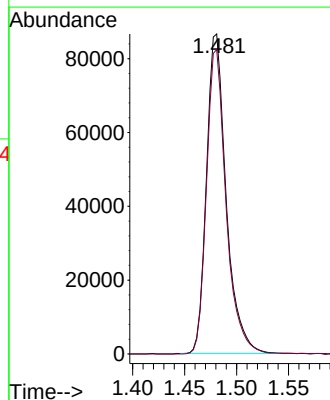
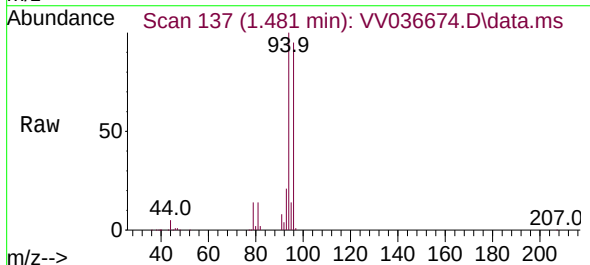
Instrument :
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 ClientSampleId :

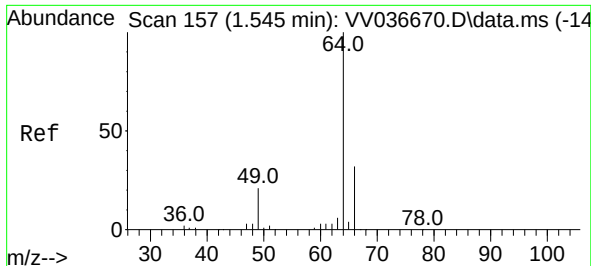
Tgt Ion: 62 Resp: 128002
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 51.810 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV036674.D
 Acq: 24 Jul 2024 20:09

Tgt Ion: 94 Resp: 114128
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.8 124.2

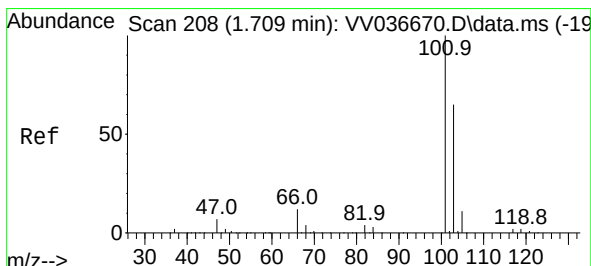
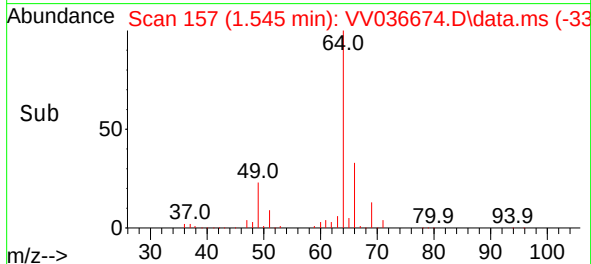
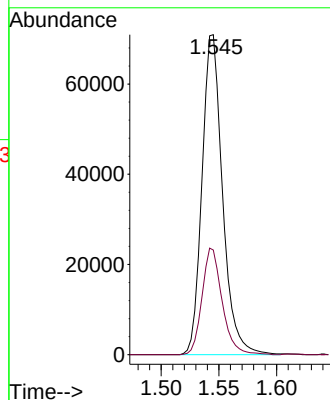
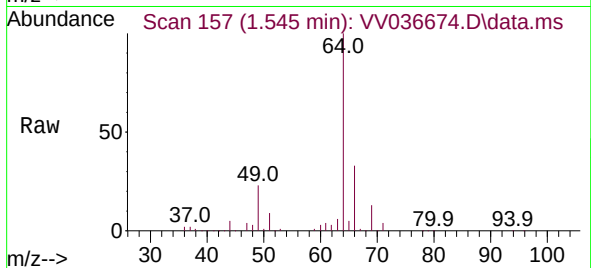




#8
Chloroethane
Concen: 46.721 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

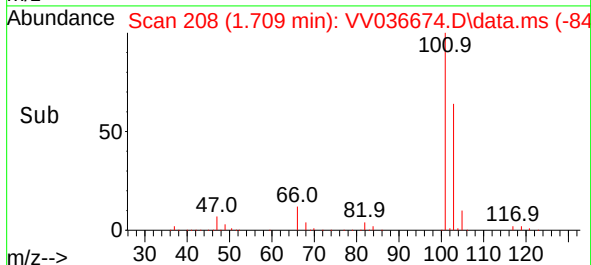
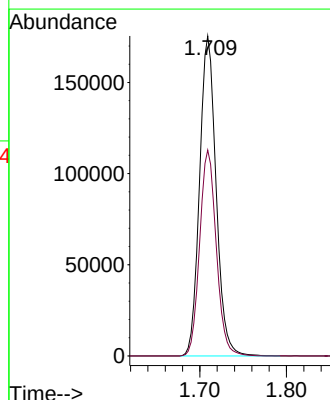
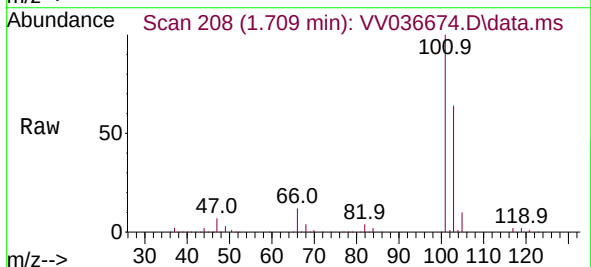
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MSVOA_V
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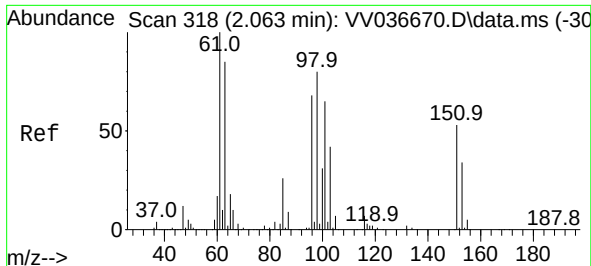
Tgt Ion: 64 Resp: 87748
Ion Ratio Lower Upper
64 100
66 32.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 46.202 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion:101 Resp: 232542
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4





#10

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

Concen: 46.516 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

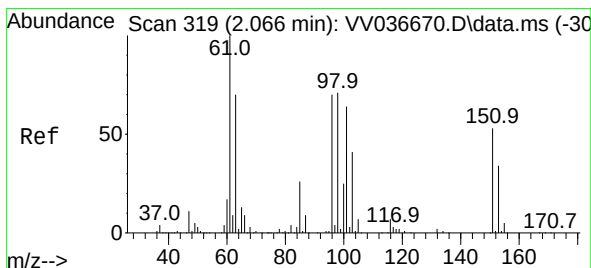
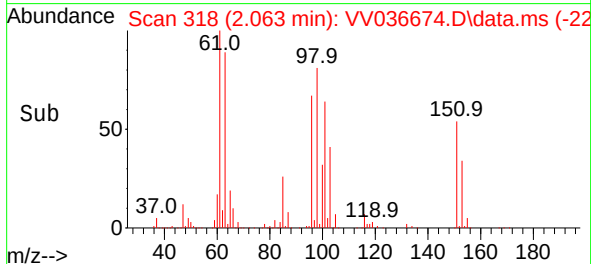
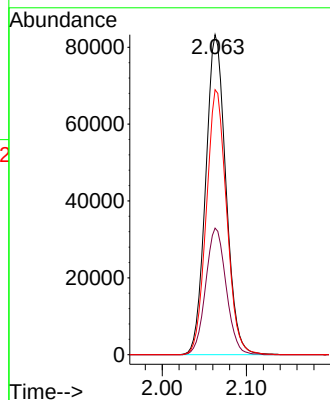
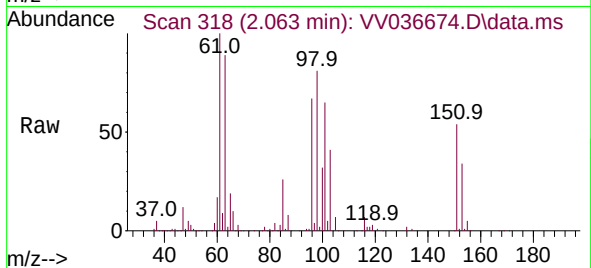
Tgt Ion:101 Resp: 139029

Ion Ratio Lower Upper

101 100

85 40.1 32.4 48.6

151 83.2 65.7 98.5



#12

1,1-Dichloroethene

Concen: 46.304 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

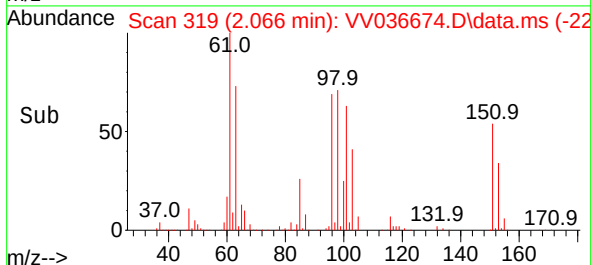
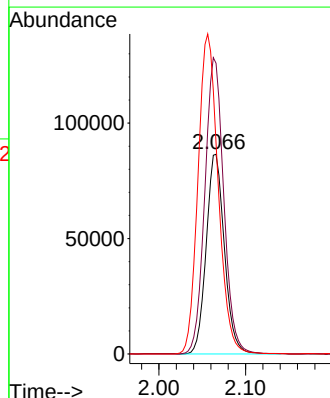
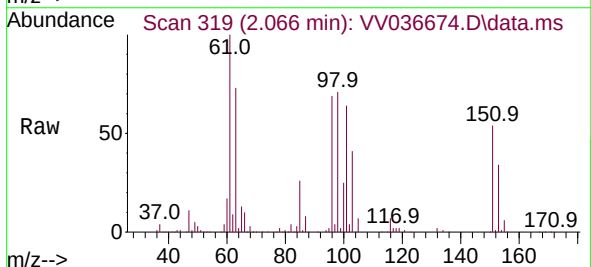
Tgt Ion: 96 Resp: 126424

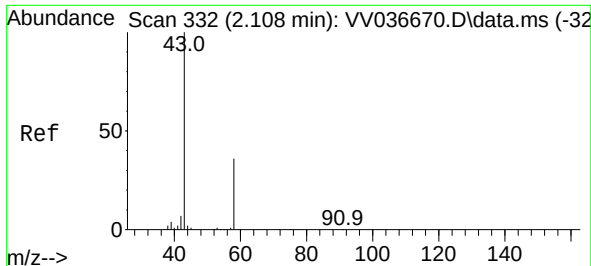
Ion Ratio Lower Upper

96 100

61 145.6 100.4 186.4

63 105.6 70.8 131.4





#13

Acetone

Concen: 85.170 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

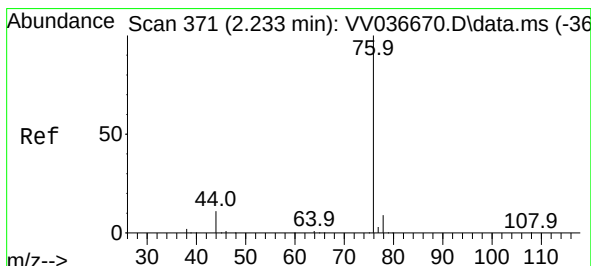
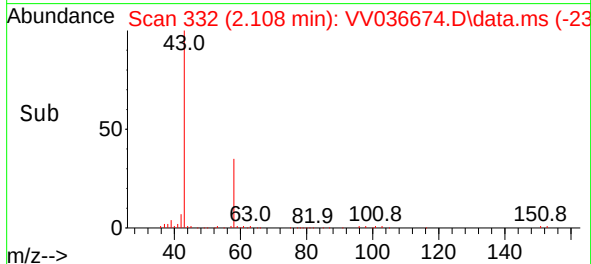
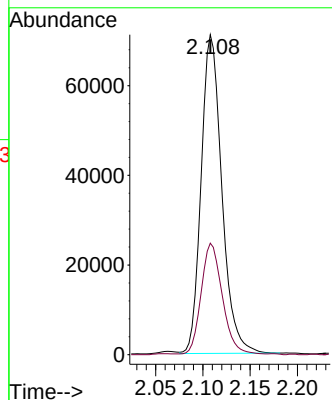
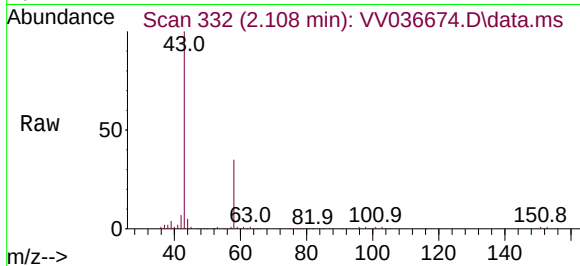
ClientSampleId :

Tgt Ion: 43 Resp: 108096

Ion Ratio Lower Upper

43 100

58 36.0 0.0 72.4



#14

Carbon disulfide

Concen: 46.256 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV036674.D

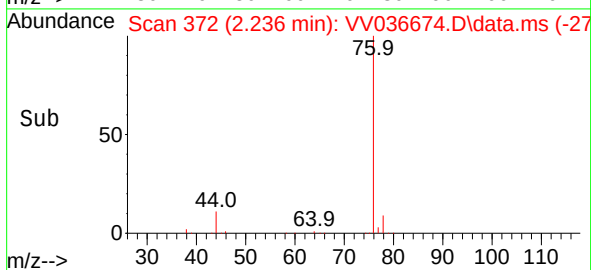
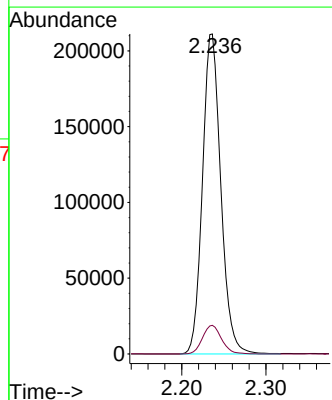
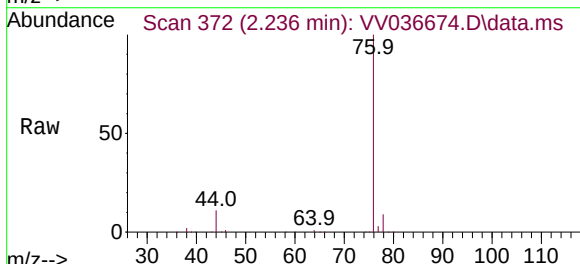
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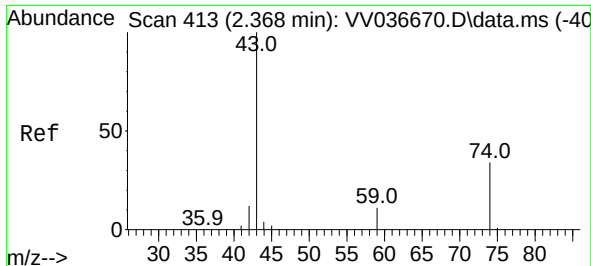
Tgt Ion: 76 Resp: 320166

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

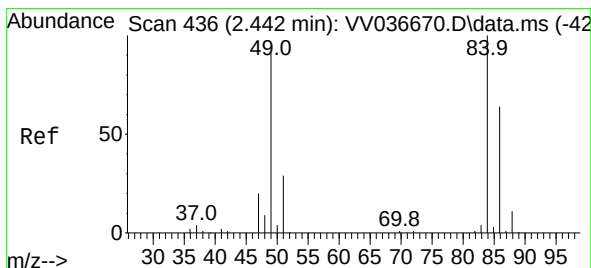
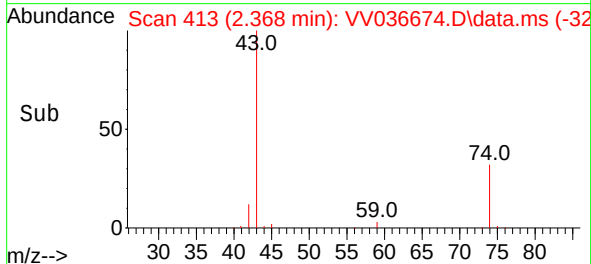
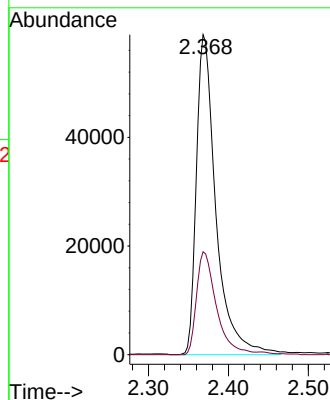
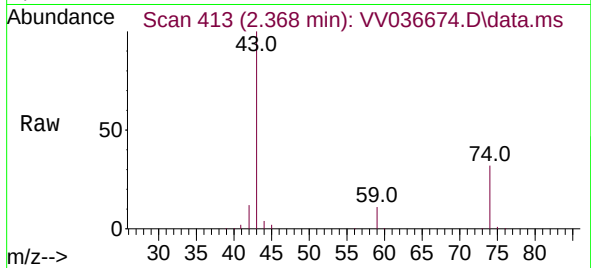




#15
Methyl Acetate
Concen: 48.715 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

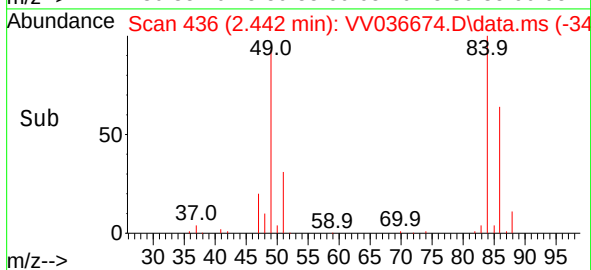
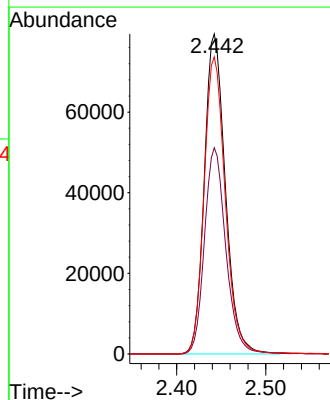
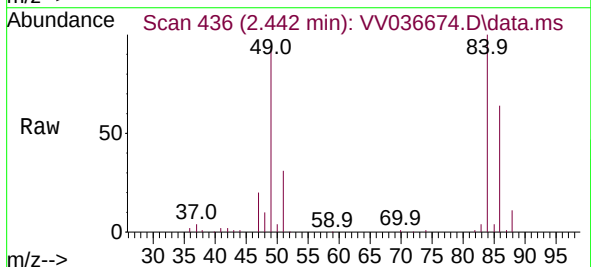
Instrument :
MSVOA_V
ClientSampleId :

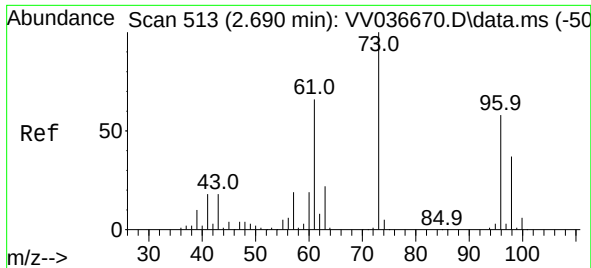
Tgt Ion: 43 Resp: 100401
Ion Ratio Lower Upper
43 100
74 32.4 26.5 39.7



#16
Methylene chloride
Concen: 46.494 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

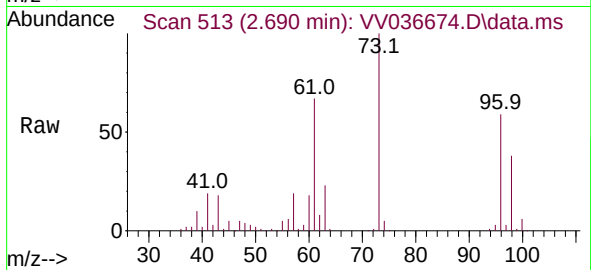
Tgt Ion: 84 Resp: 130279
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 92.8 63.3 117.7



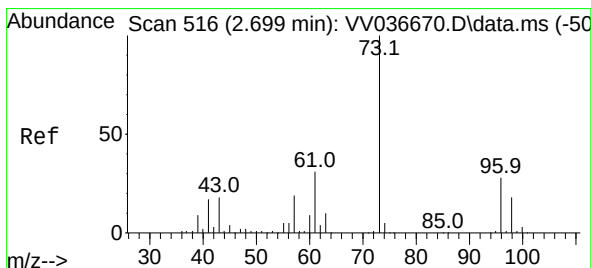
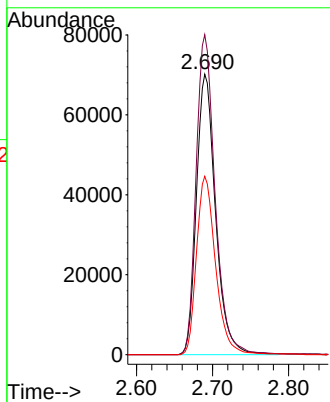
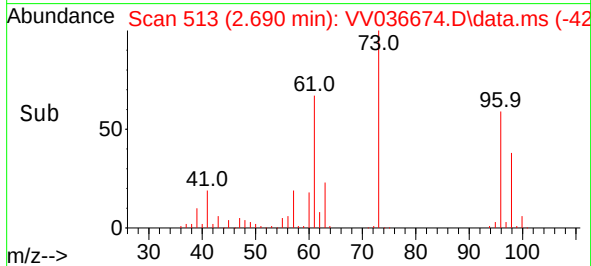


#17
trans-1,2-Dichloroethene
Concen: 47.026 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

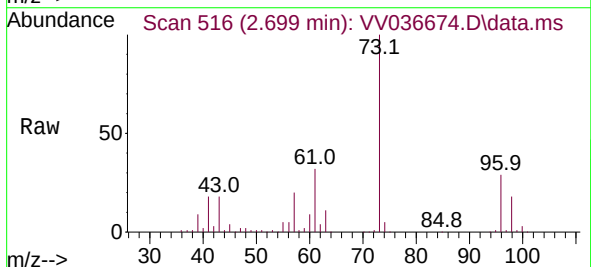
Instrument :
MSVOA_V
ClientSampleId :



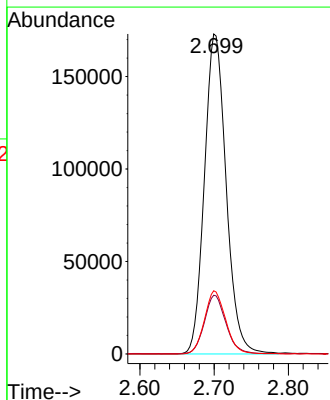
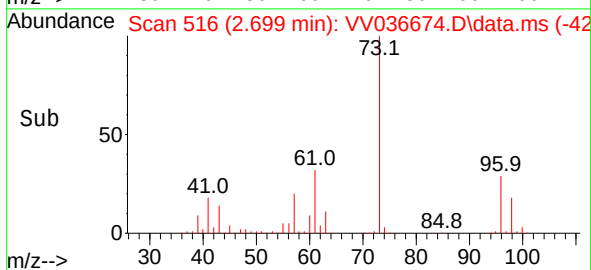
Tgt Ion: 96 Resp: 122663
Ion Ratio Lower Upper
96 100
61 114.1 80.2 148.9
98 63.6 44.5 82.7

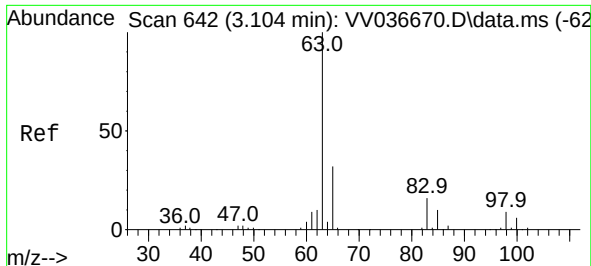


#18
Methyl tert-butyl Ether
Concen: 49.910 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09



Tgt Ion: 73 Resp: 352507
Ion Ratio Lower Upper
73 100
43 18.0 14.3 21.5
57 19.2 15.2 22.8

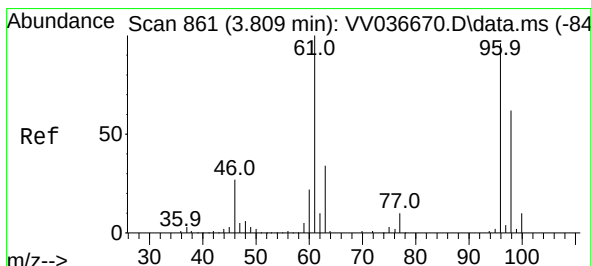
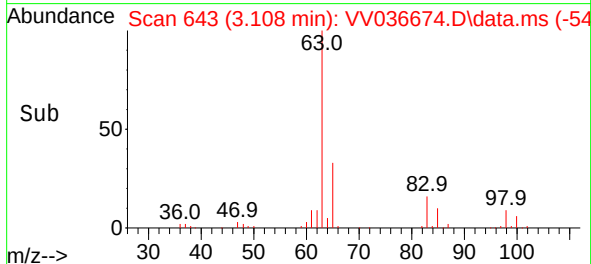
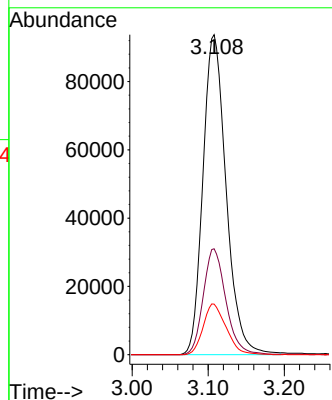
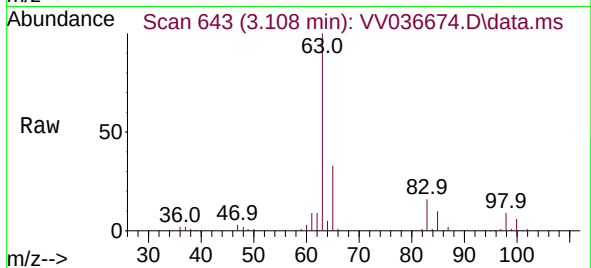




#19
1,1-Dichloroethane
Concen: 46.733 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

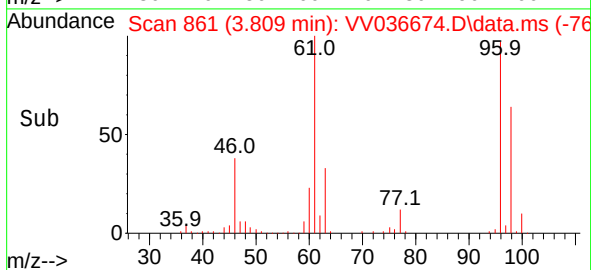
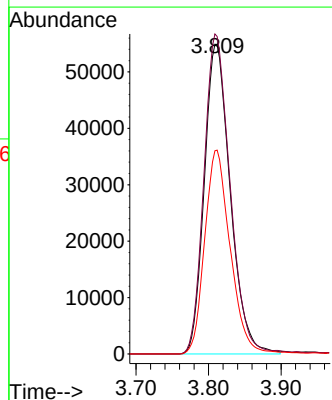
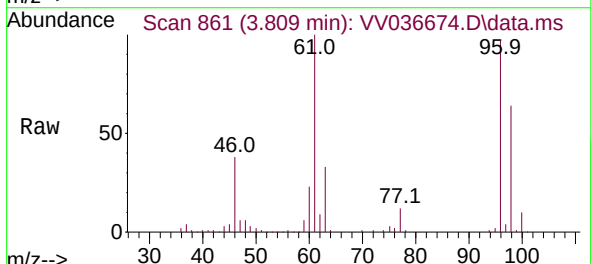
Instrument :
MSVOA_V
ClientSampleId :

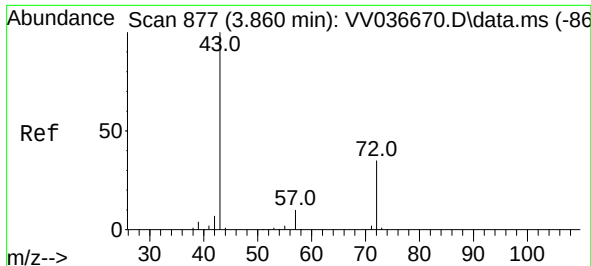
Tgt Ion: 63 Resp: 198835
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.3
83 15.8 11.0 20.4



#20
cis-1,2-Dichloroethene
Concen: 48.460 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion: 96 Resp: 136614
Ion Ratio Lower Upper
96 100
61 103.3 73.4 136.2
98 65.6 45.2 84.0

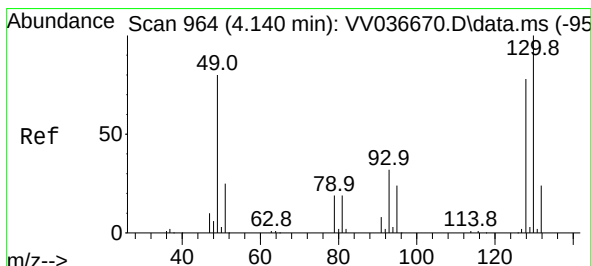
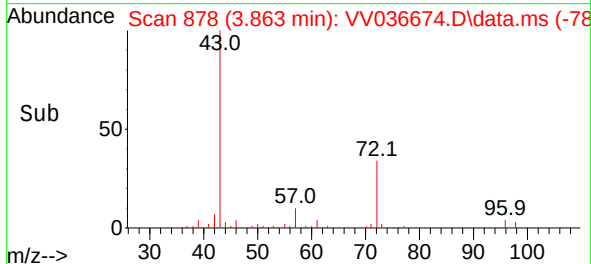
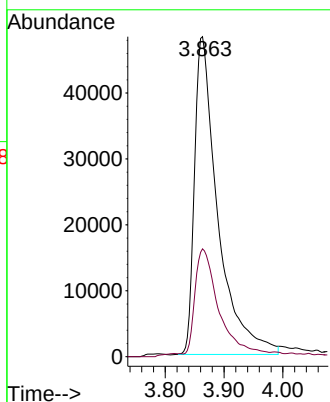
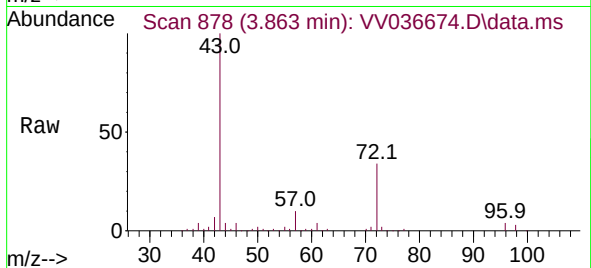




#22
2-Butanone
Concen: 95.240 ug/L
RT: 3.863 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

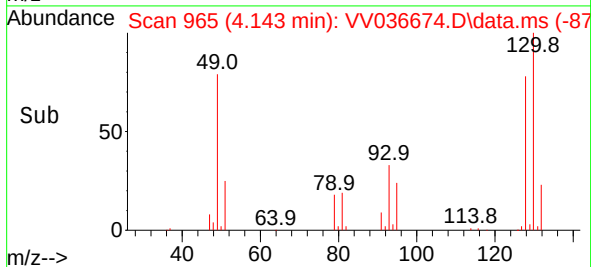
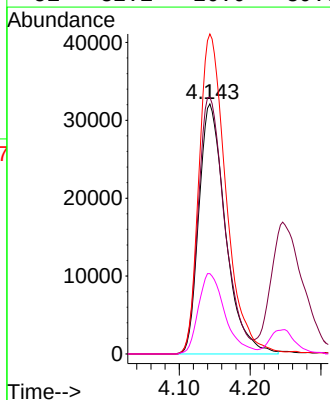
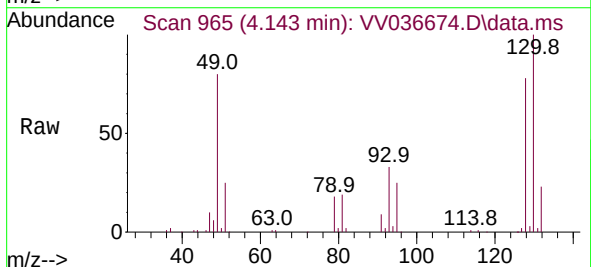
Instrument :
MSVOA_V
ClientSampleId :

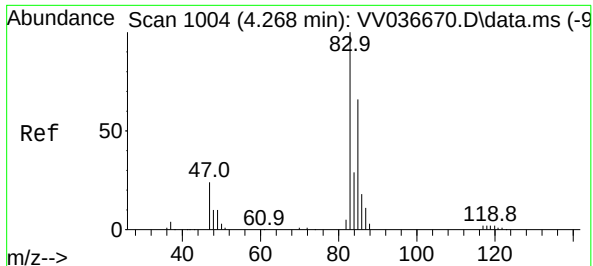
Tgt Ion: 43 Resp: 132551
Ion Ratio Lower Upper
43 100
72 33.5 17.2 51.6



#23
Bromochloromethane
Concen: 48.572 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion: 128 Resp: 83438
Ion Ratio Lower Upper
128 100
49 102.7 72.2 134.0
130 128.0 90.2 167.6
51 32.1 26.0 39.0





#25

Chloroform

Concen: 47.362 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

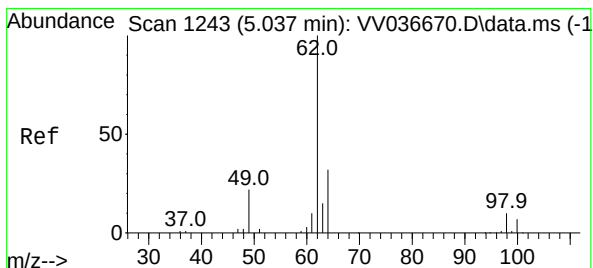
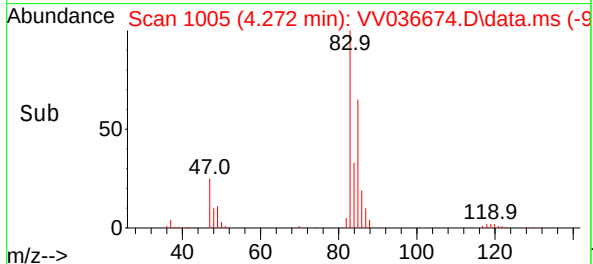
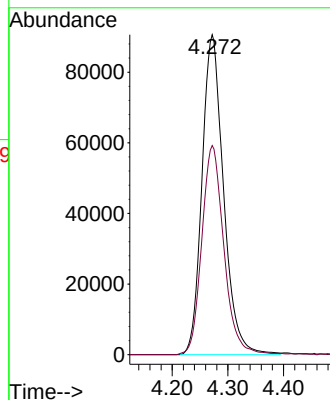
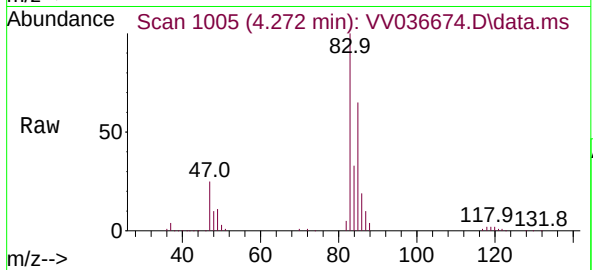
ClientSampleId :

Tgt Ion: 83 Resp: 243828

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.039 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036674.D

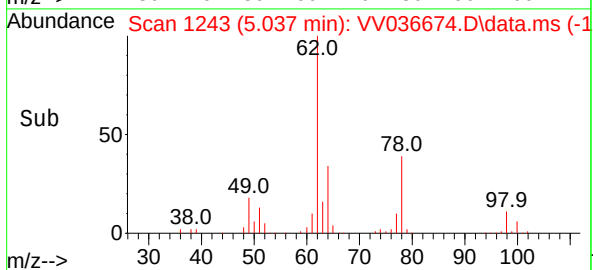
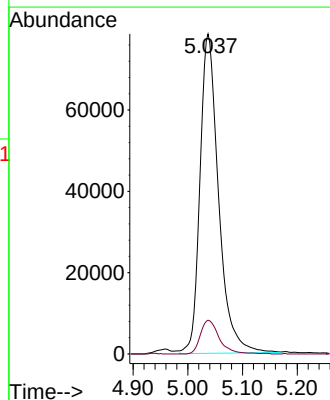
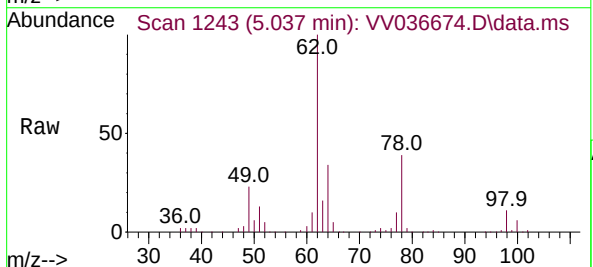
Acq: 24 Jul 2024 20:09

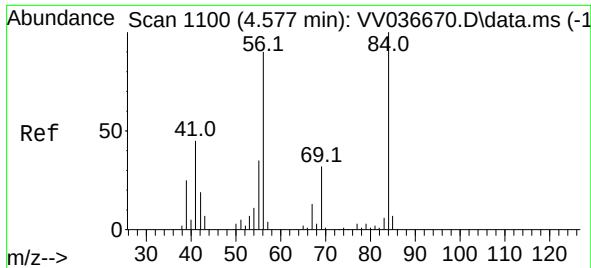
Tgt Ion: 62 Resp: 185435

Ion Ratio Lower Upper

62 100

98 10.5 8.3 12.5





#29

Cyclohexane

Concen: 49.298 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

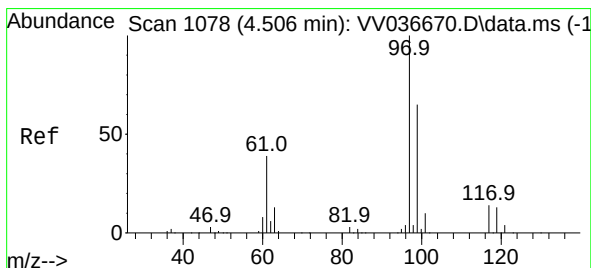
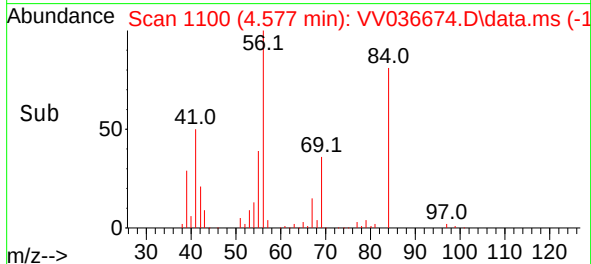
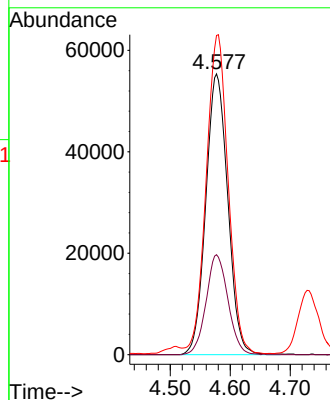
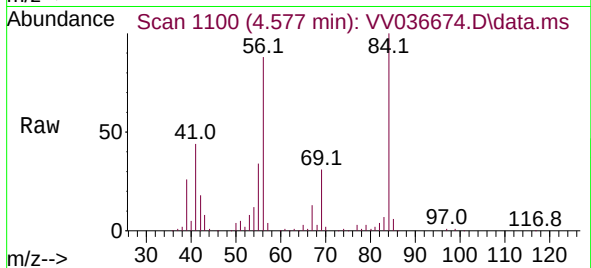
Tgt Ion: 56 Resp: 140969

Ion Ratio Lower Upper

56 100

69 35.4 28.8 43.2

84 113.2 90.5 135.7



#30

1,1,1-Trichloroethane

Concen: 47.812 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

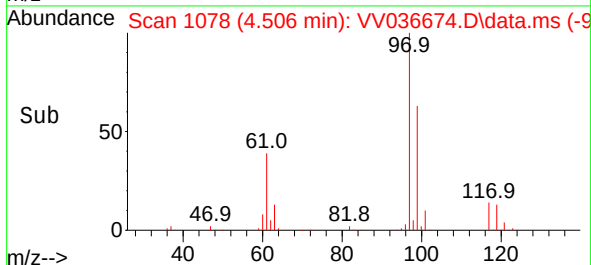
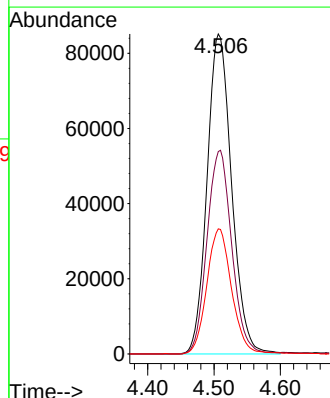
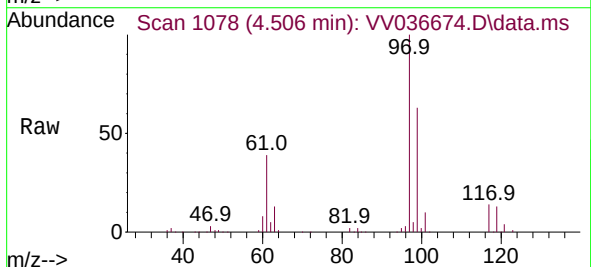
Tgt Ion: 97 Resp: 219247

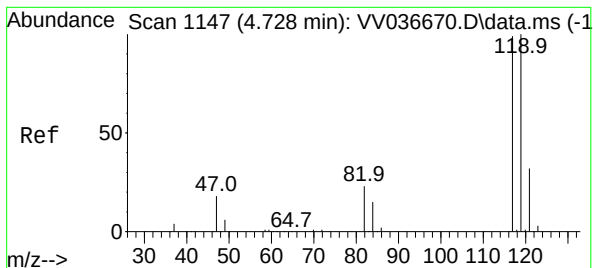
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 39.3 31.6 47.4





#31

Carbon tetrachloride

Concen: 47.376 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

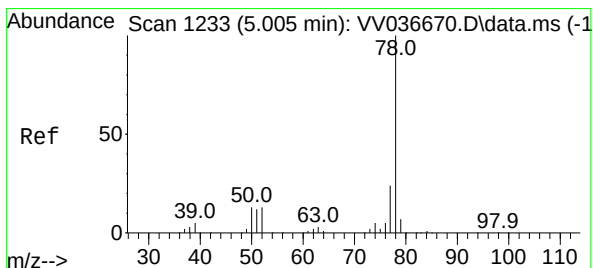
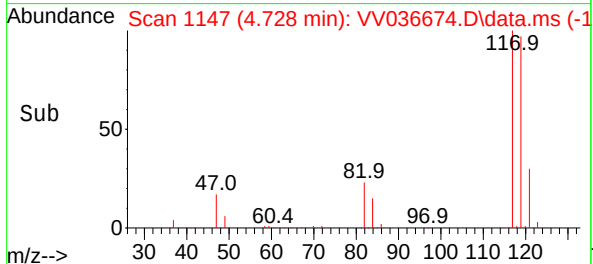
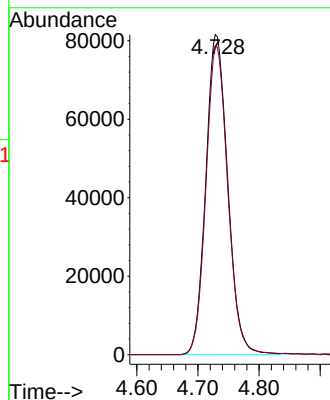
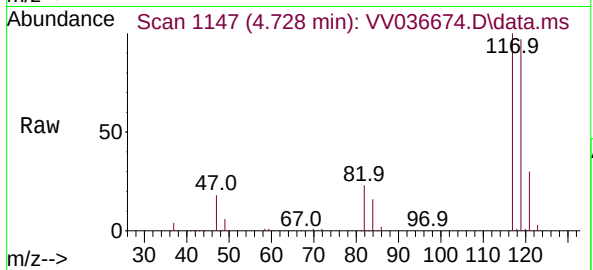
ClientSampleId :

Tgt Ion:117 Resp: 203645

Ion Ratio Lower Upper

117 100

119 96.0 77.9 116.9



#33

Benzene

Concen: 50.131 ug/L

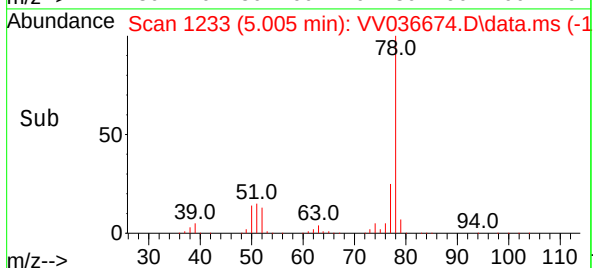
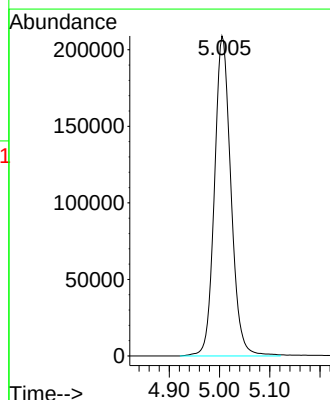
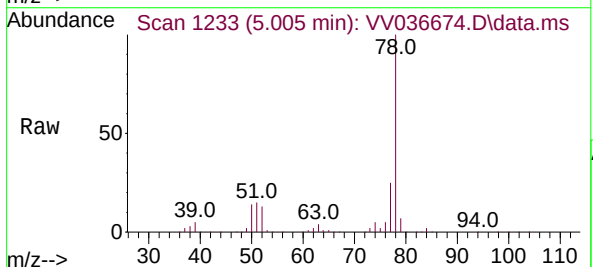
RT: 5.005 min Scan# 1233

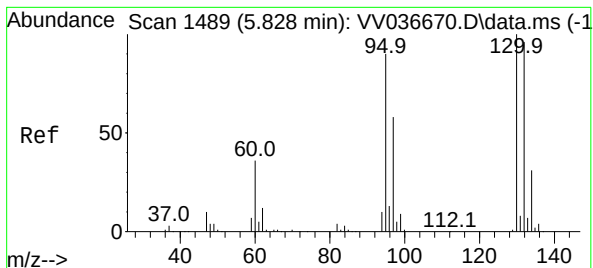
Delta R.T. -0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Tgt Ion: 78 Resp: 476508





#34

Trichloroethene

Concen: 47.403 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 155344

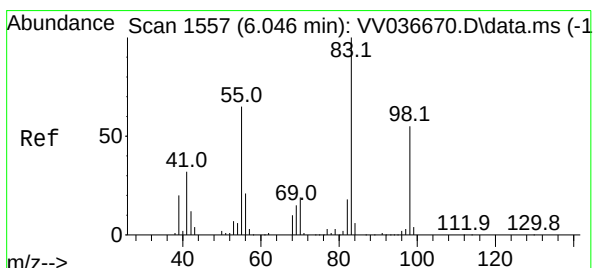
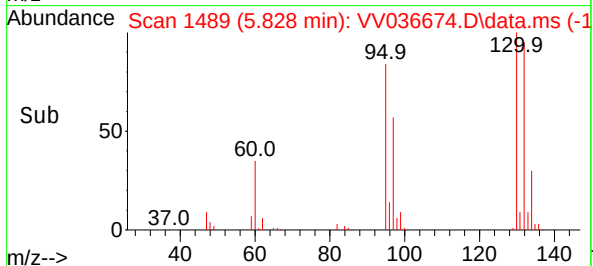
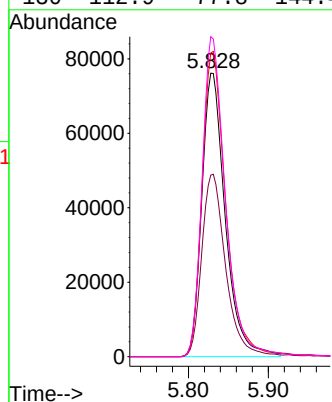
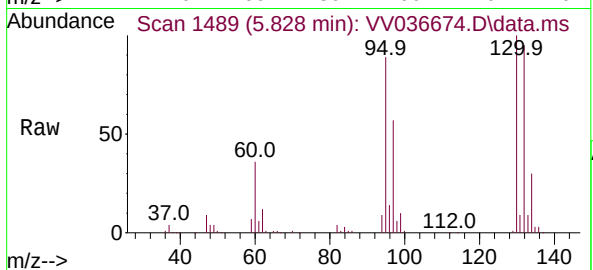
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 107.1 74.3 138.1

130 112.9 77.8 144.4



#35

Methylcyclohexane

Concen: 50.419 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

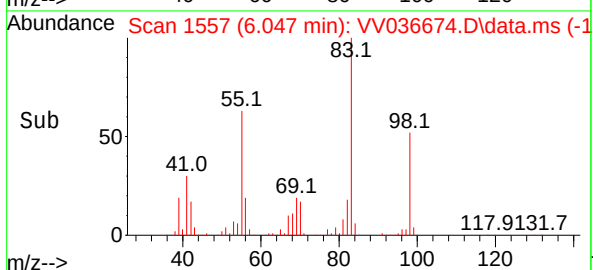
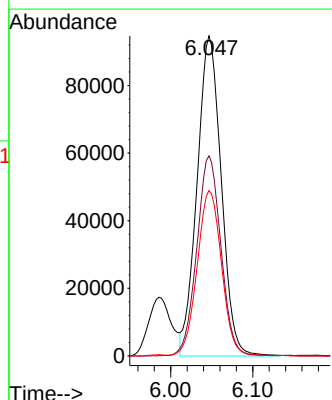
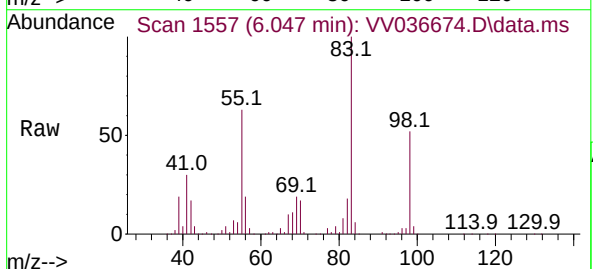
Tgt Ion: 83 Resp: 193911

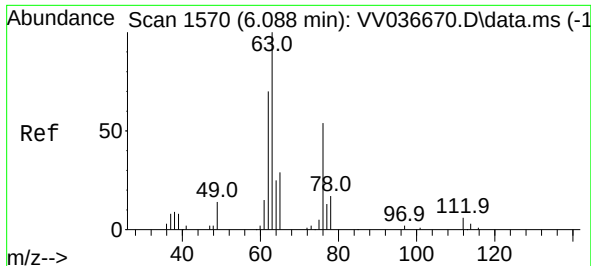
Ion Ratio Lower Upper

83 100

55 61.9 49.9 74.9

98 52.0 41.6 62.4





#37

1,2-Dichloropropane

Concen: 48.650 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

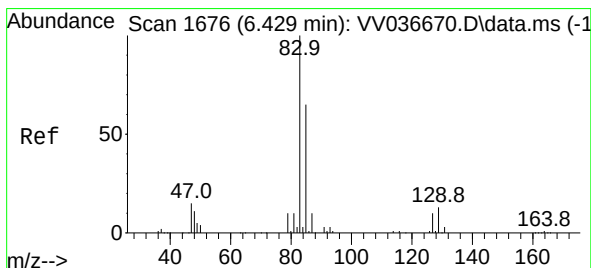
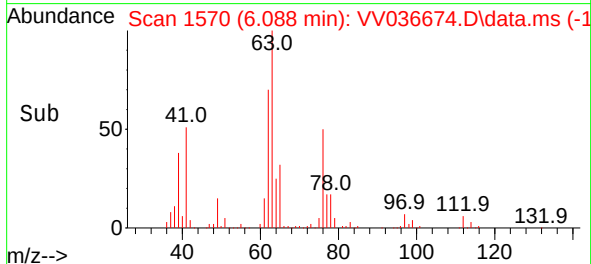
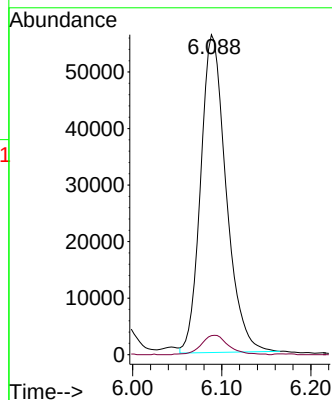
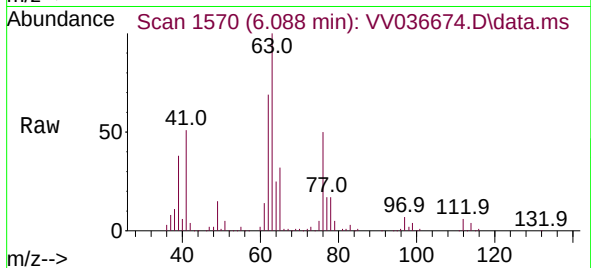
ClientSampleId :

Tgt Ion: 63 Resp: 111635

Ion Ratio Lower Upper

63 100

112 6.5 5.1 7.7



#38

Bromodichloromethane

Concen: 47.927 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

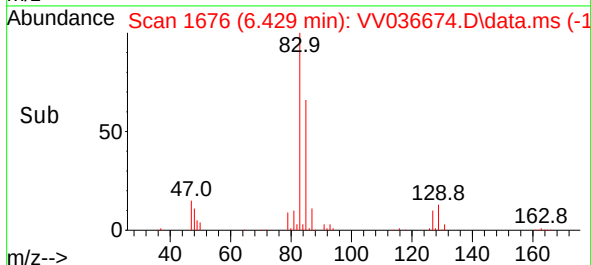
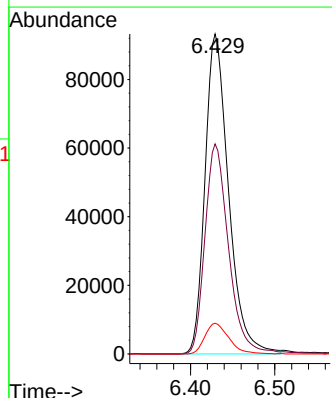
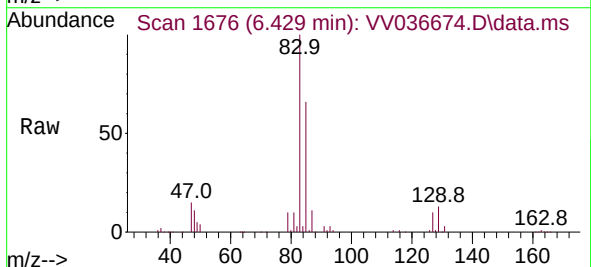
Tgt Ion: 83 Resp: 181499

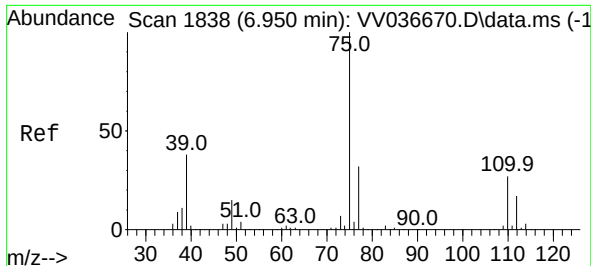
Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.6

127 9.6 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 47.101 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

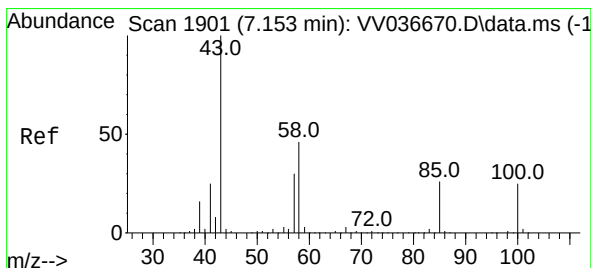
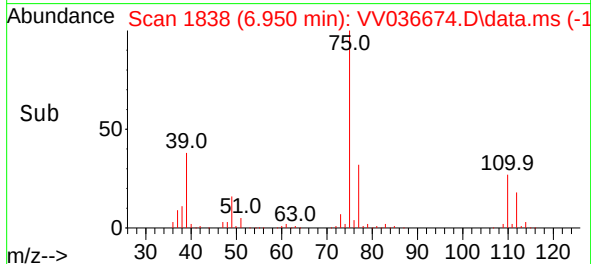
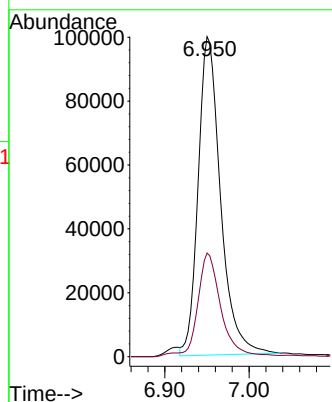
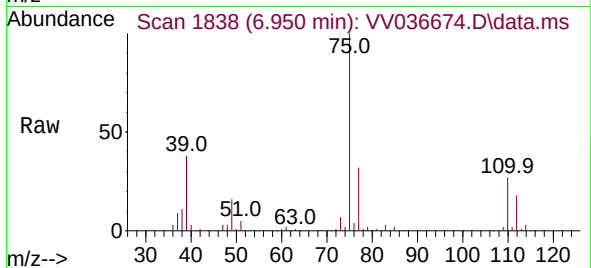
ClientSampleId :

Tgt Ion: 75 Resp: 184432

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 106.918 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

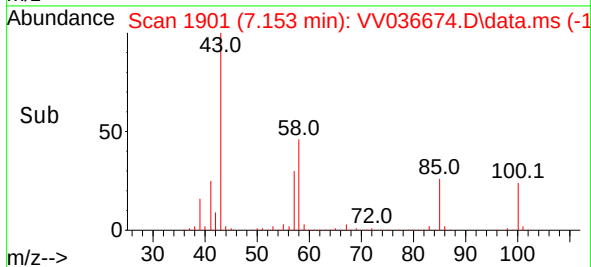
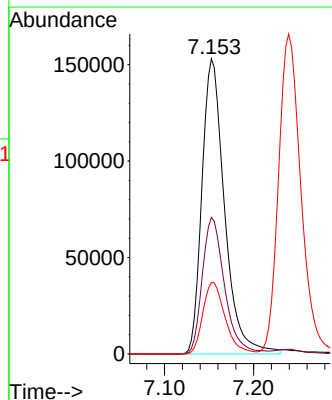
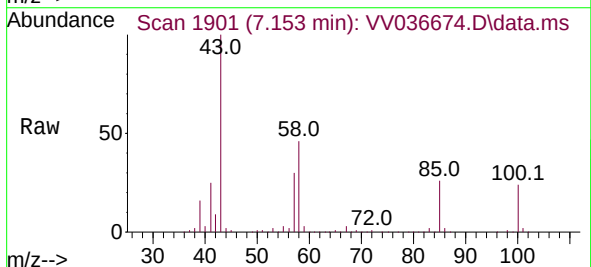
Tgt Ion: 43 Resp: 270127

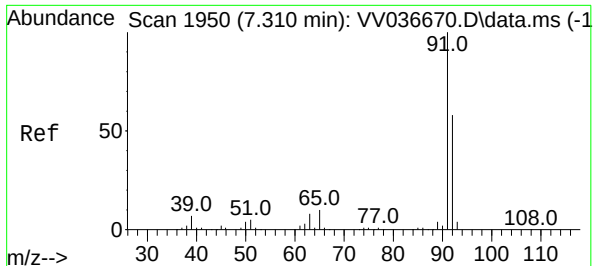
Ion Ratio Lower Upper

43 100

58 45.6 36.6 54.8

100 23.9 19.6 29.4





#42

Toluene

Concen: 51.326 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

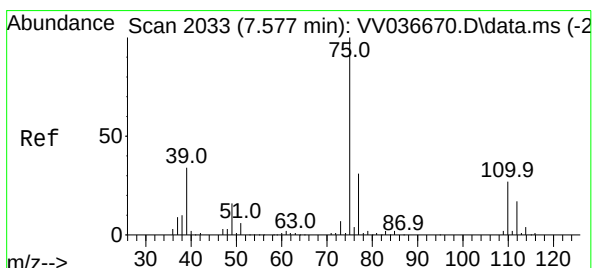
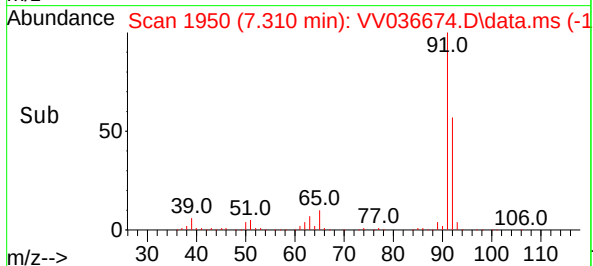
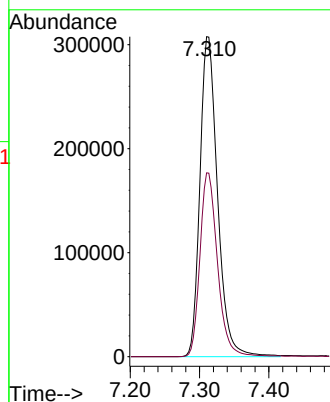
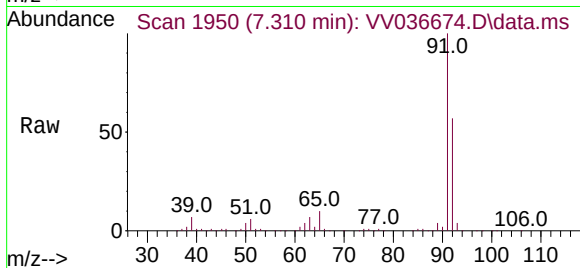
ClientSampleId :

Tgt Ion: 91 Resp: 543749

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 50.094 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036674.D

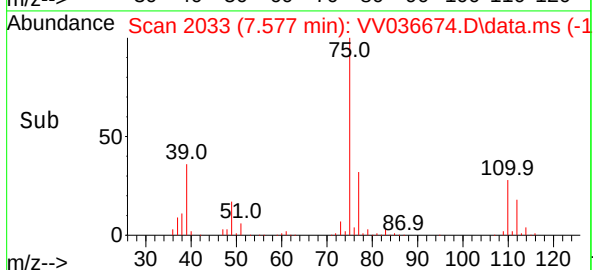
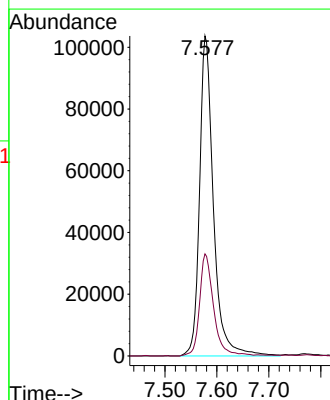
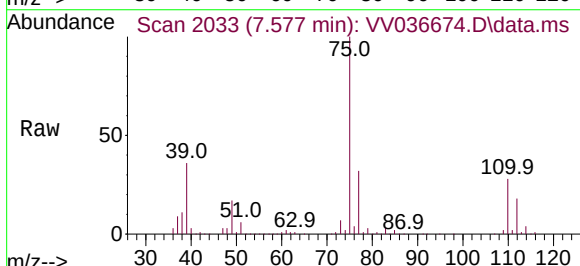
Acq: 24 Jul 2024 20:09

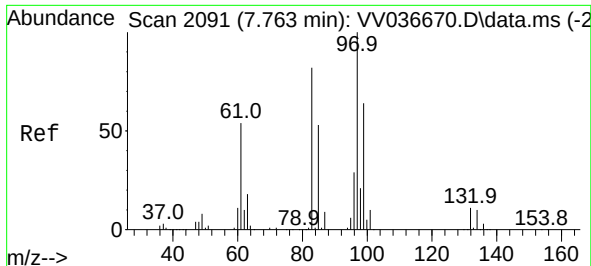
Tgt Ion: 75 Resp: 192177

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



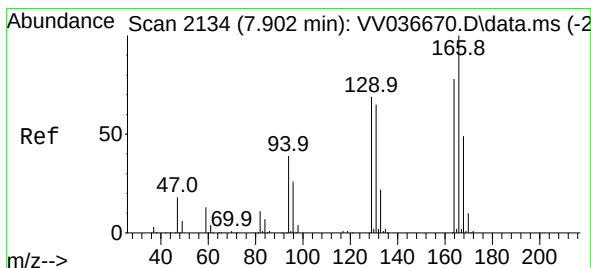
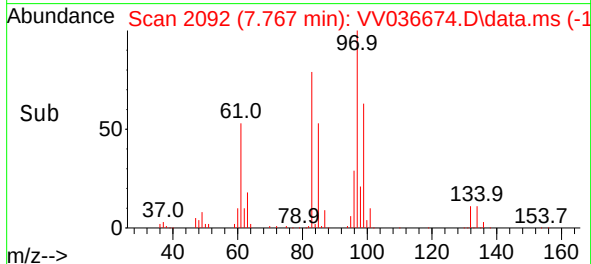
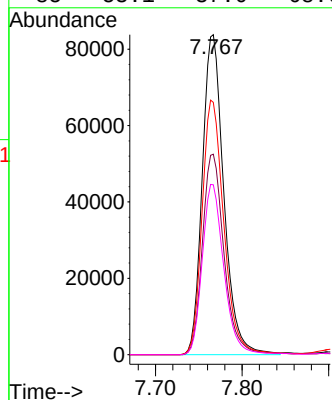
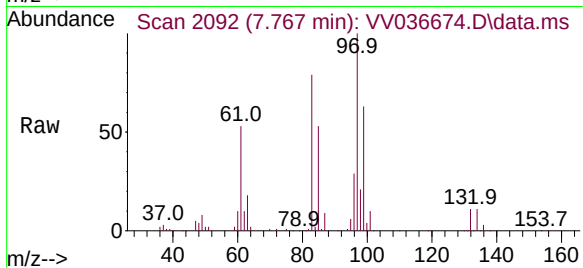


#45
1,1,2-Trichloroethane
Concen: 49.803 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 144672

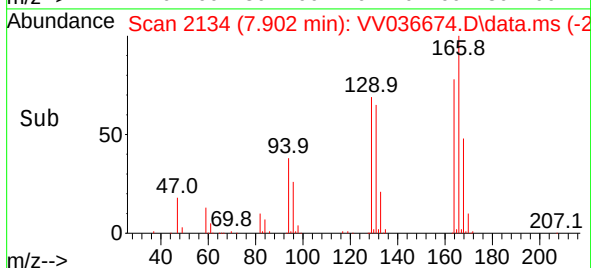
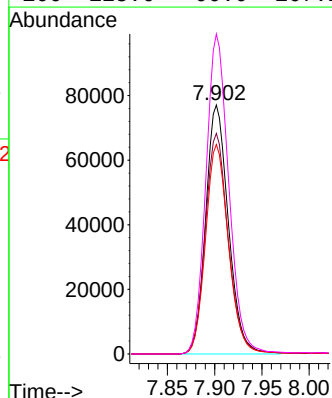
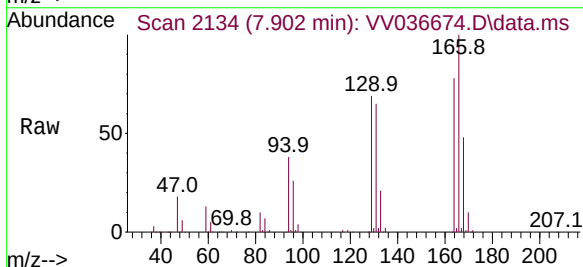
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.4	82.5
83	78.9	57.3	106.3
85	53.1	37.0	68.6

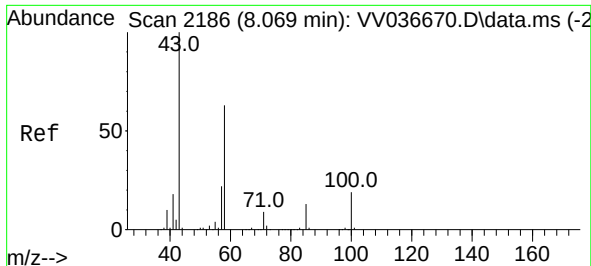


#46
Tetrachloroethene
Concen: 45.938 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion: 164 Resp: 129097

Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.1	115.3
131	84.1	58.7	109.1
166	128.6	90.0	167.2

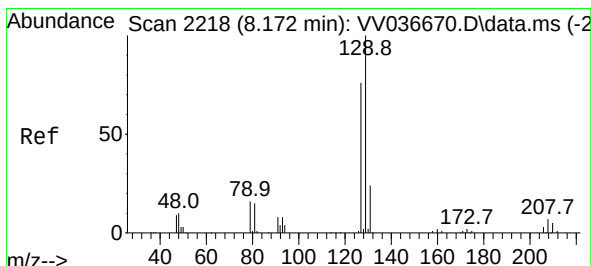
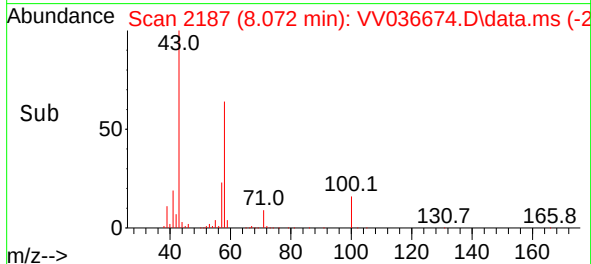
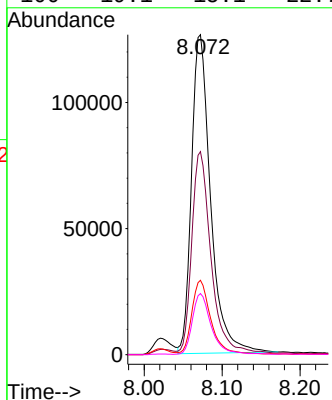
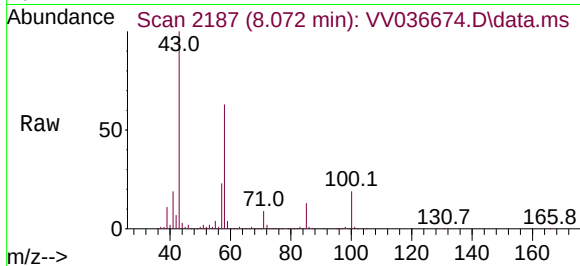




#48
2-Hexanone
Concen: 105.475 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

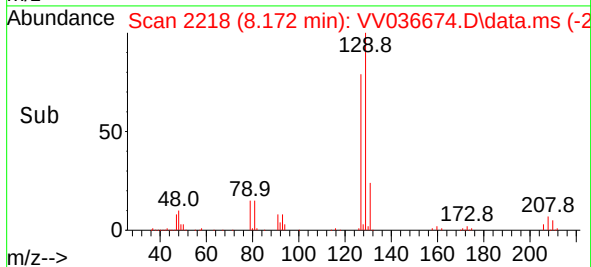
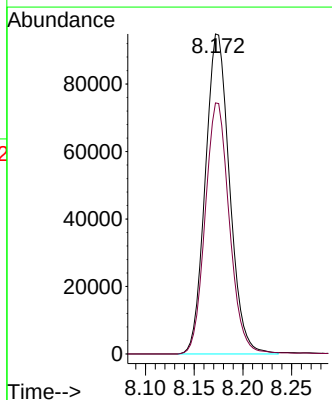
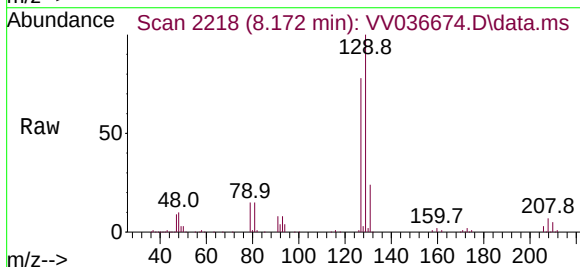
Instrument :
MSVOA_V
ClientSampleId :

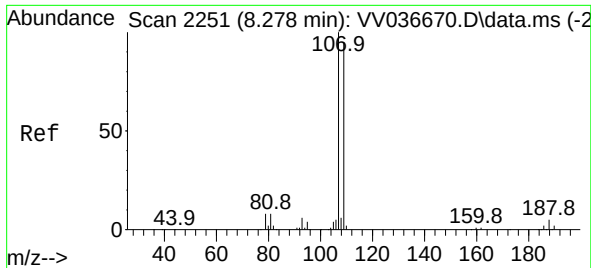
Tgt Ion: 43 Resp: 215010
Ion Ratio Lower Upper
43 100
58 62.1 51.3 76.9
57 23.1 17.6 26.4
100 19.1 15.1 22.7



#49
Dibromochloromethane
Concen: 48.857 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion: 129 Resp: 164429
Ion Ratio Lower Upper
129 100
127 78.4 52.8 98.2

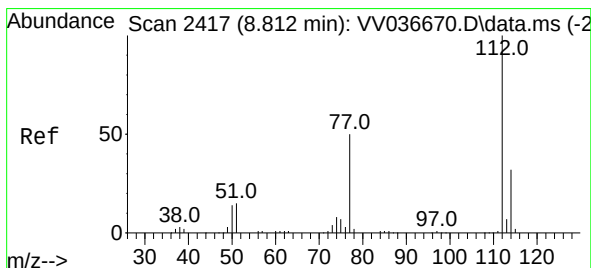
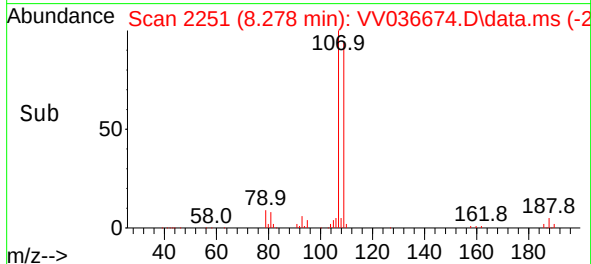
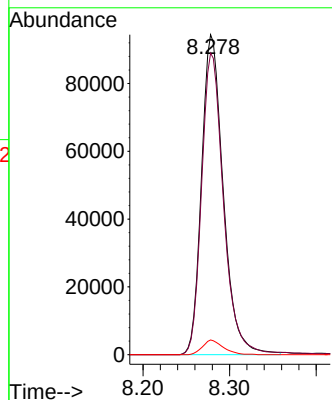
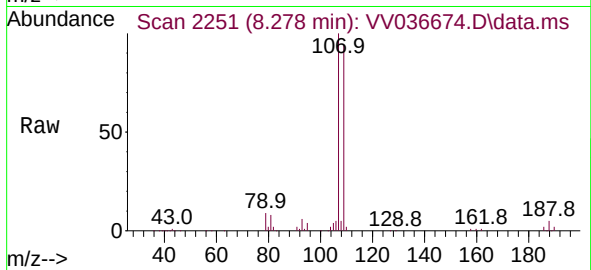




#50
1,2-Dibromoethane
Concen: 50.001 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

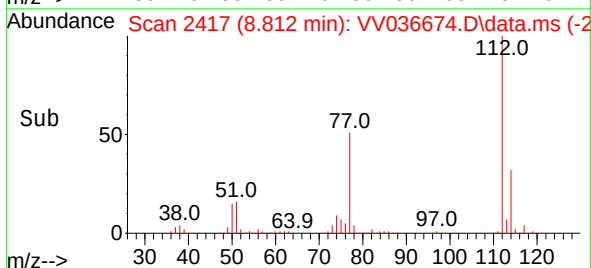
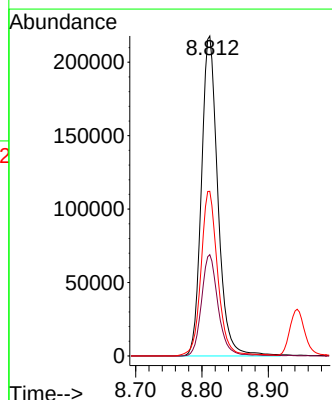
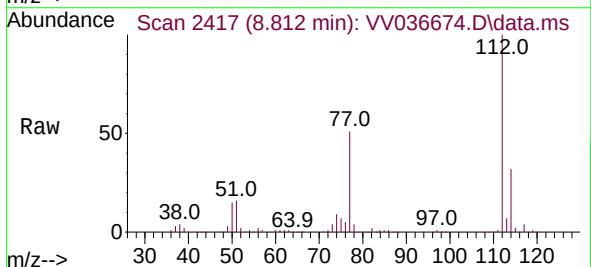
Instrument :
MSVOA_V
ClientSampleId :

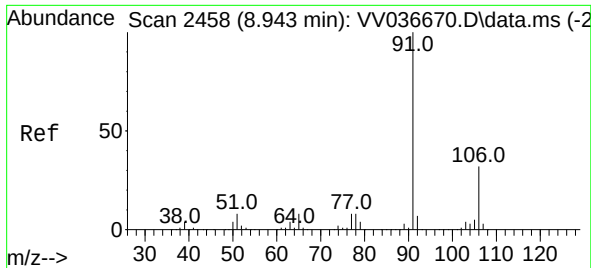
Tgt Ion:107 Resp: 164656
Ion Ratio Lower Upper
107 100
109 94.3 66.4 123.2
188 4.7 3.7 5.5



#51
Chlorobenzene
Concen: 48.090 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion:112 Resp: 375842
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 51.5 40.6 60.8





#52

Ethylbenzene

Concen: 50.266 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

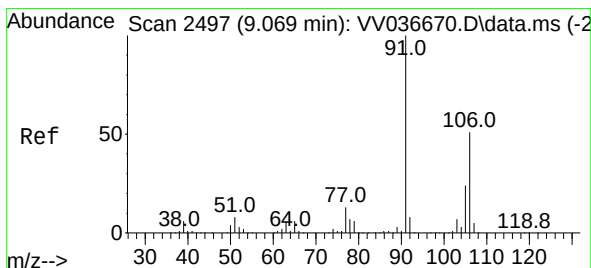
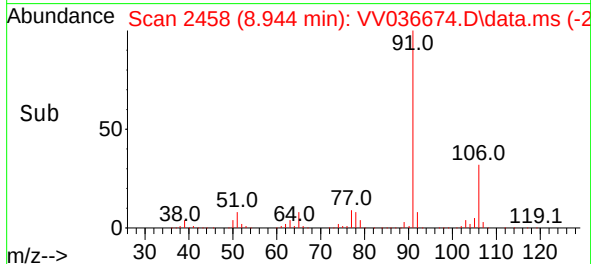
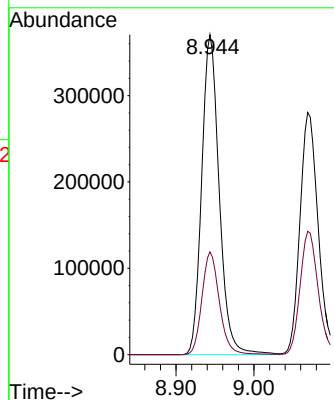
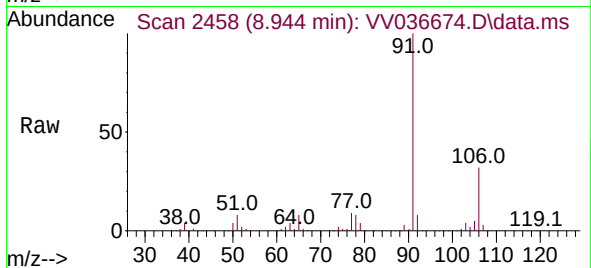
ClientSampleId :

Tgt Ion: 91 Resp: 578158

Ion Ratio Lower Upper

91 100

106 32.1 22.6 42.0



#53

m,p-Xylene

Concen: 52.092 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036674.D

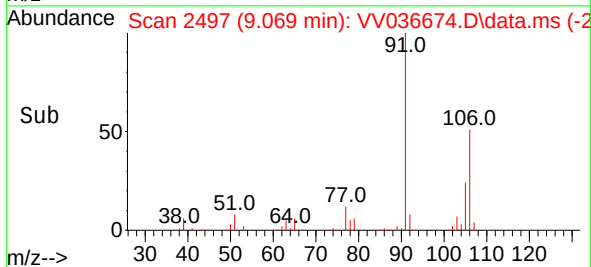
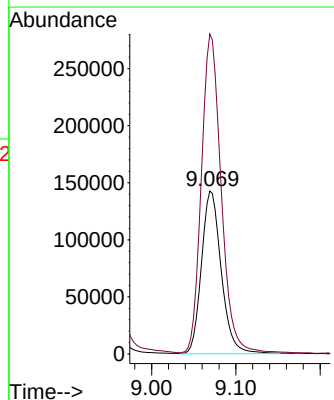
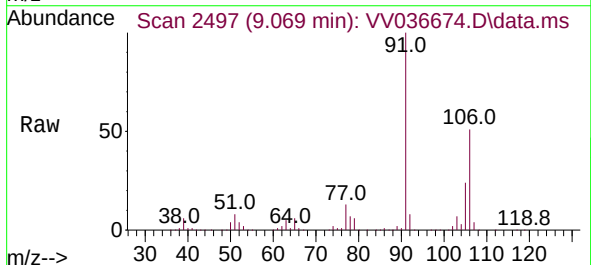
Acq: 24 Jul 2024 20:09

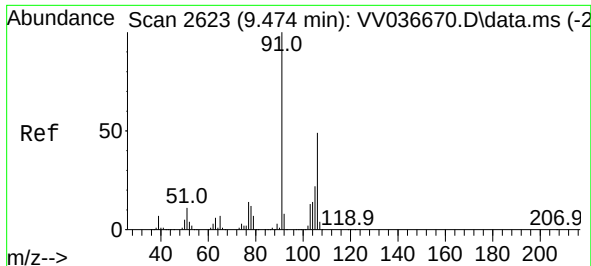
Tgt Ion:106 Resp: 233219

Ion Ratio Lower Upper

106 100

91 196.4 138.0 256.4

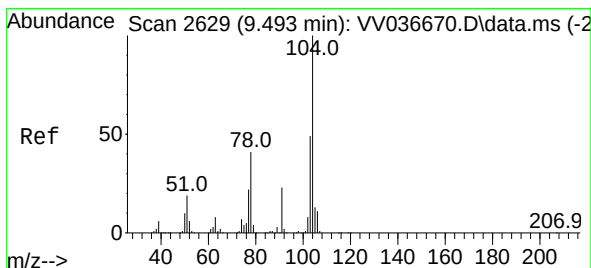
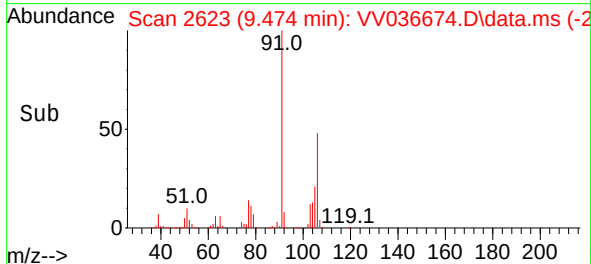
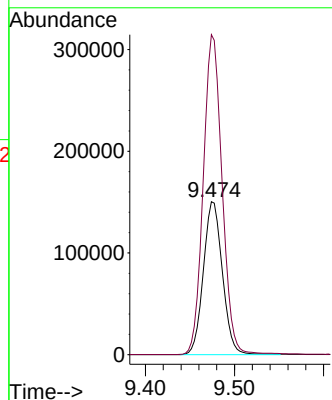
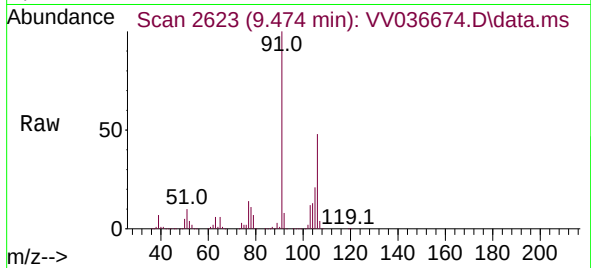




#54
o-Xylene
Concen: 51.952 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

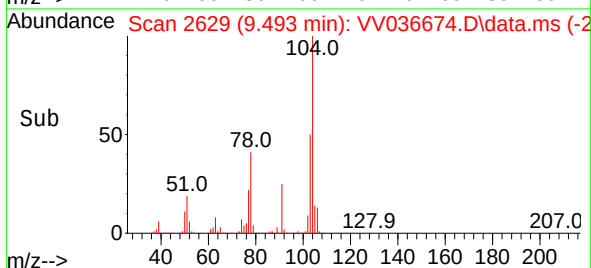
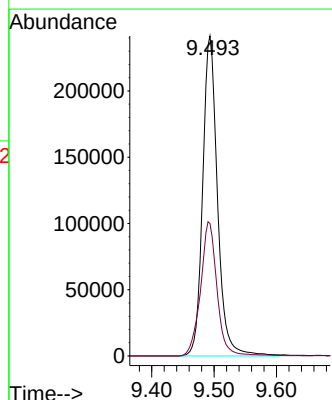
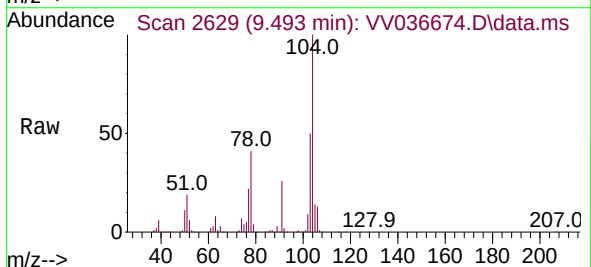
Instrument :
MSVOA_V
ClientSampleId :

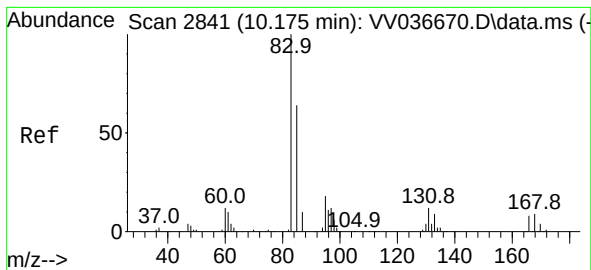
Tgt Ion:106 Resp: 223443
Ion Ratio Lower Upper
106 100
91 209.1 144.0 267.4



#55
Styrene
Concen: 53.347 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036674.D
Acq: 24 Jul 2024 20:09

Tgt Ion:104 Resp: 399689
Ion Ratio Lower Upper
104 100
78 41.4 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 46.913 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

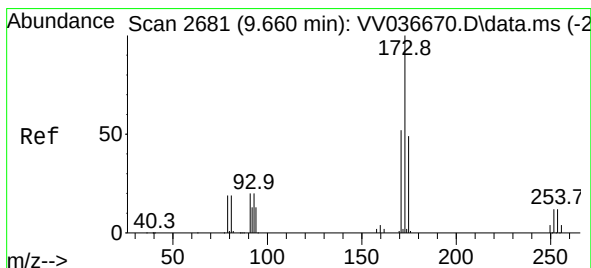
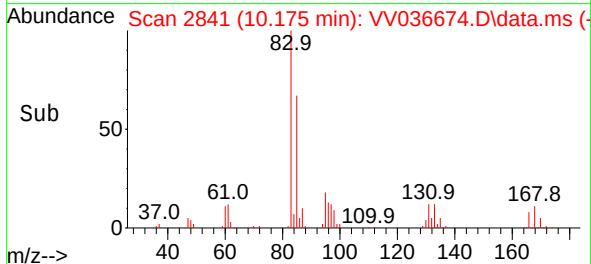
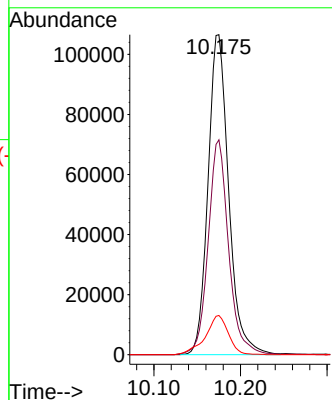
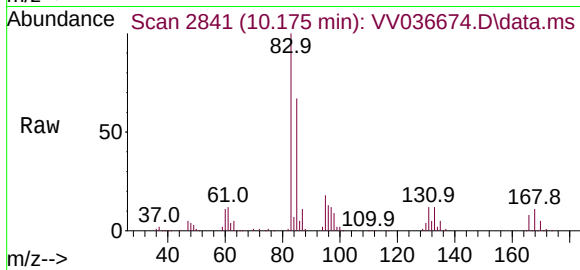
Tgt Ion: 83 Resp: 176714

Ion Ratio Lower Upper

83 100

85 67.2 44.7 83.1

131 12.2 9.4 14.2



#59

Bromoform

Concen: 48.868 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

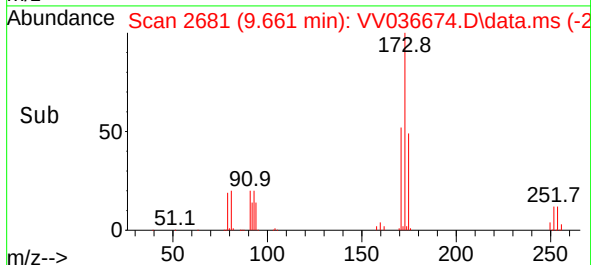
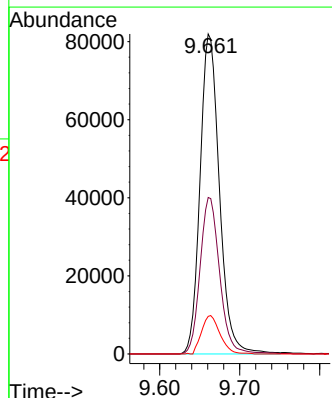
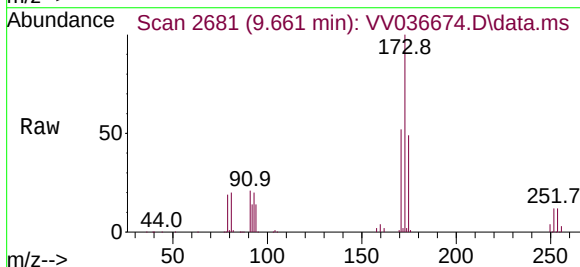
Tgt Ion: 173 Resp: 138241

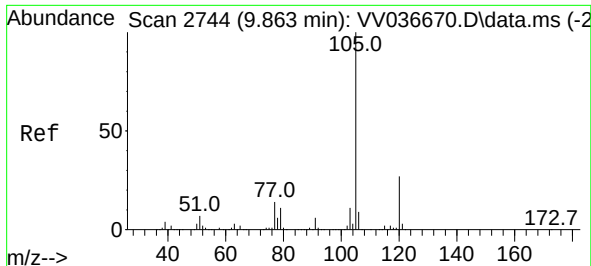
Ion Ratio Lower Upper

173 100

175 49.1 39.2 58.8

254 11.4 9.2 13.8





#60

Isopropylbenzene

Concen: 51.611 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

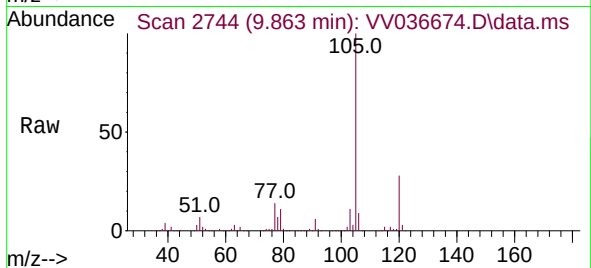
Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :



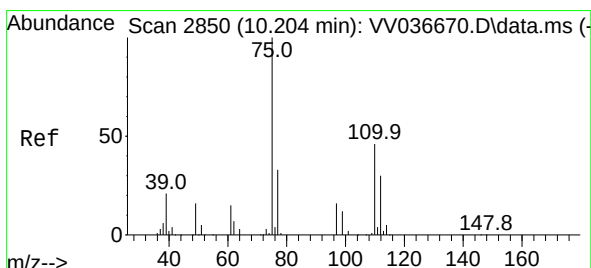
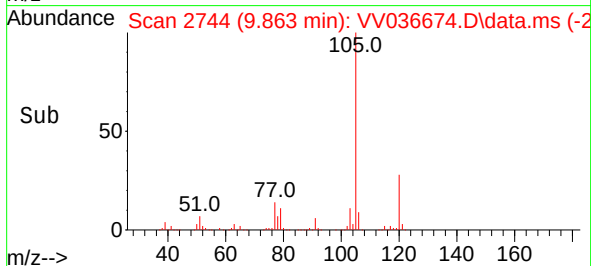
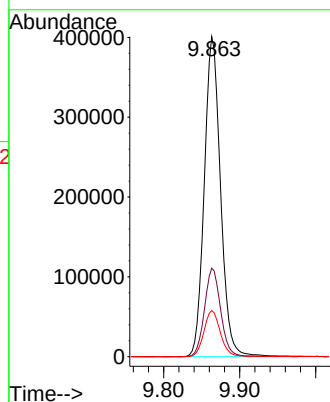
Tgt Ion:105 Resp: 595608

Ion Ratio Lower Upper

105 100

120 27.6 21.7 32.5

77 14.5 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 49.982 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

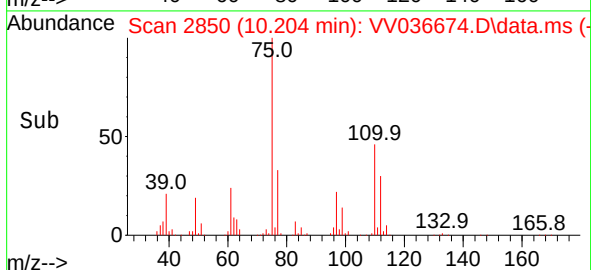
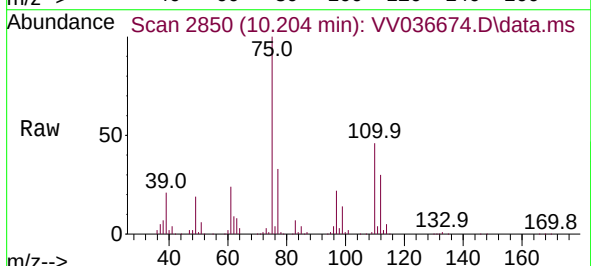
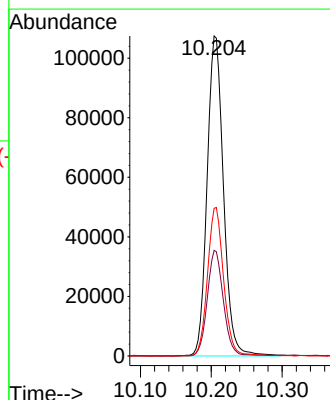
Tgt Ion: 75 Resp: 172415

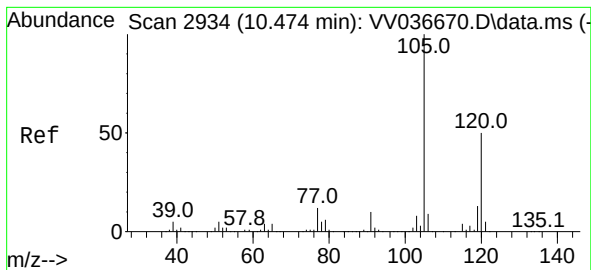
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 45.7 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 52.217 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

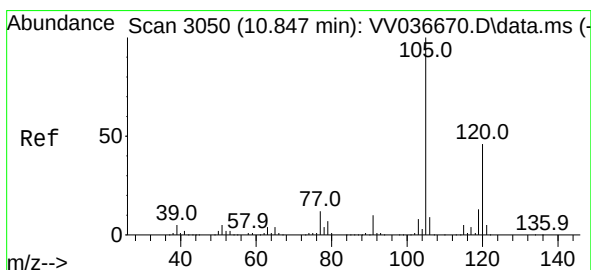
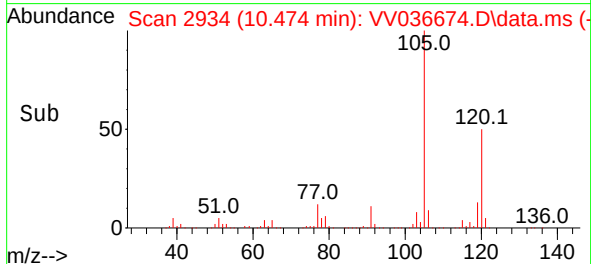
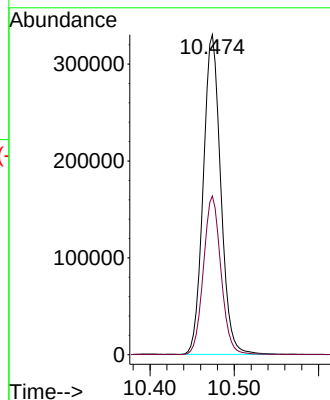
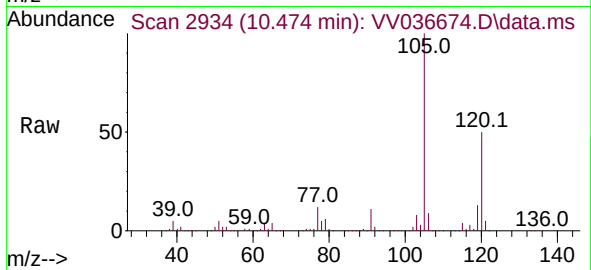
ClientSampleId :

Tgt Ion:105 Resp: 477749

Ion Ratio Lower Upper

105 100

120 49.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 52.951 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036674.D

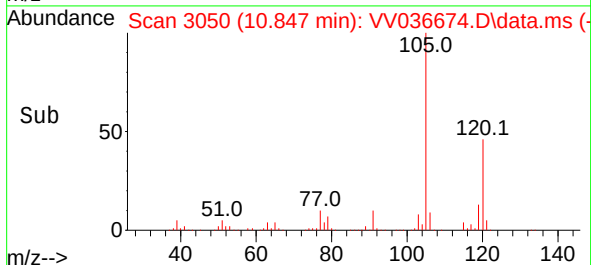
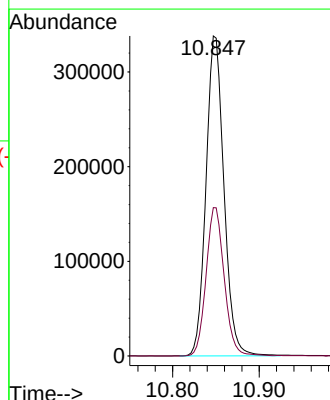
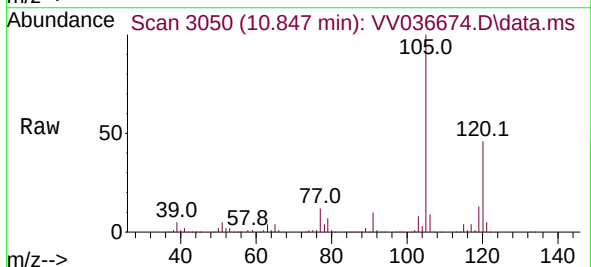
Acq: 24 Jul 2024 20:09

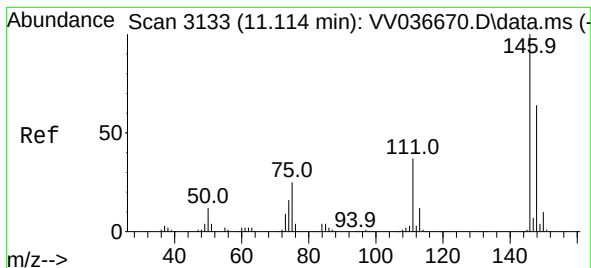
Tgt Ion:105 Resp: 486419

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 48.225 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

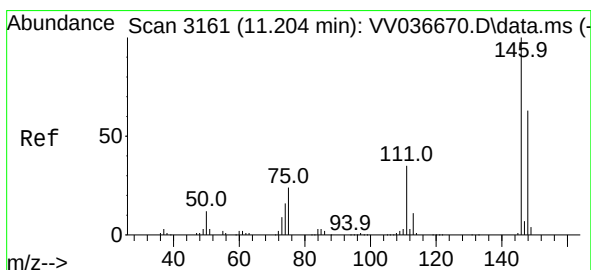
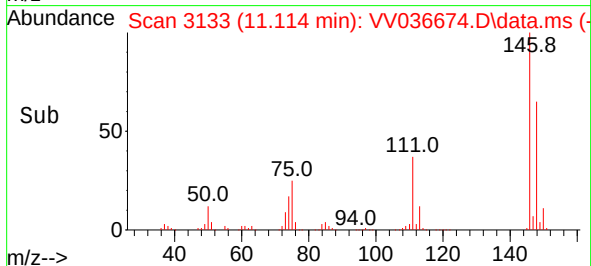
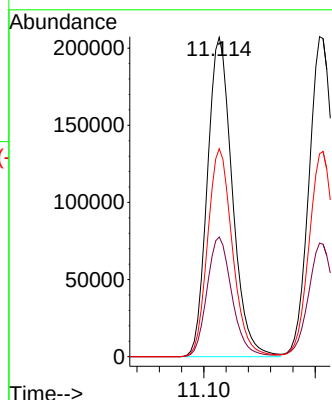
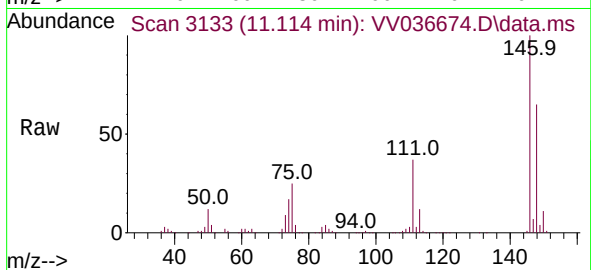
Tgt Ion:146 Resp: 321773

Ion Ratio Lower Upper

146 100

111 37.5 25.7 47.7

148 65.2 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 47.945 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

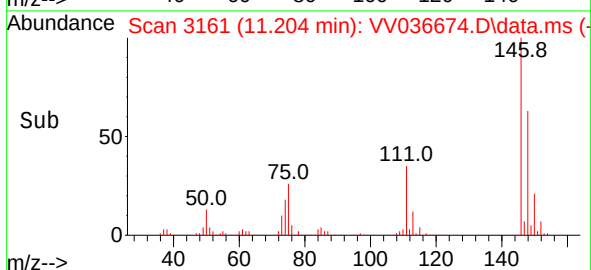
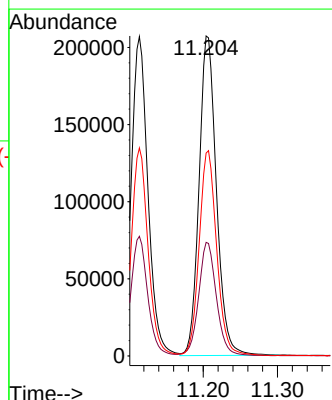
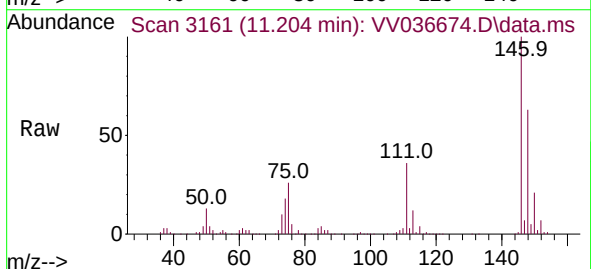
Tgt Ion:146 Resp: 337052

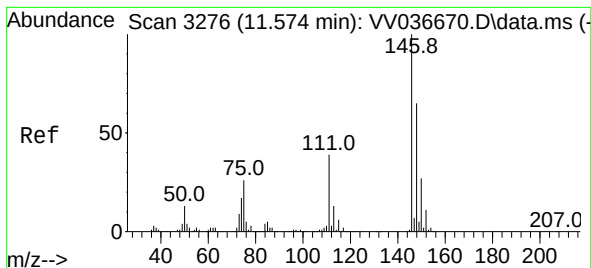
Ion Ratio Lower Upper

146 100

111 35.5 24.6 45.8

148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.679 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

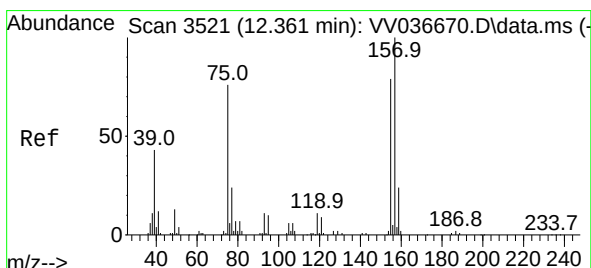
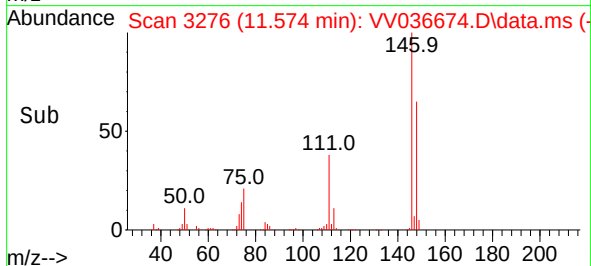
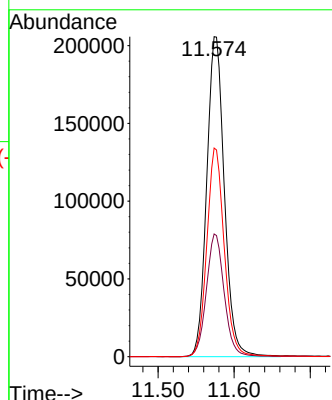
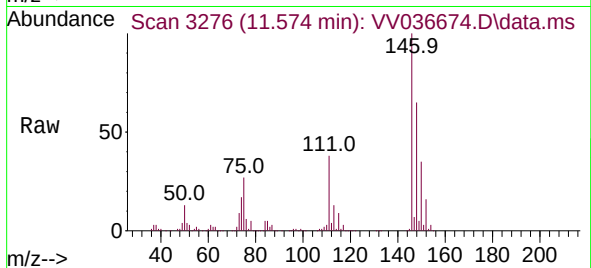
Tgt Ion:146 Resp: 331427

Ion Ratio Lower Upper

146 100

111 38.4 30.9 46.3

148 65.2 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 48.741 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

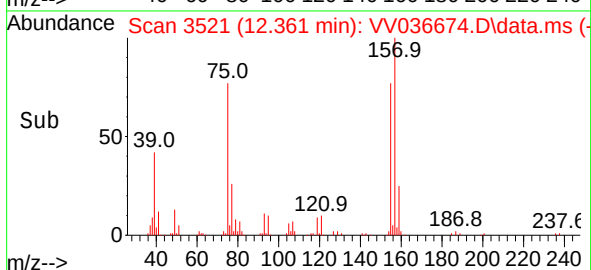
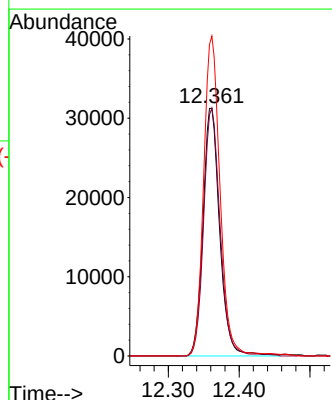
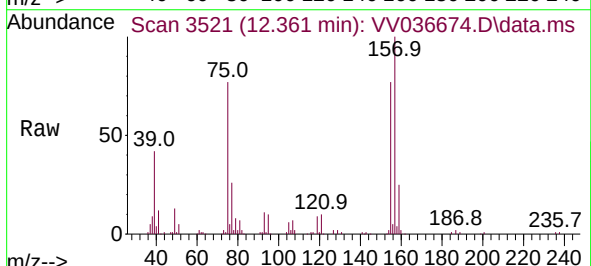
Tgt Ion: 75 Resp: 51404

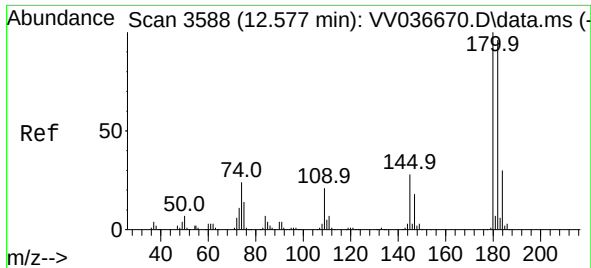
Ion Ratio Lower Upper

75 100

155 100.1 83.7 125.5

157 129.2 105.9 158.9





#69

1,3,5-Trichlorobenzene

Concen: 48.236 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

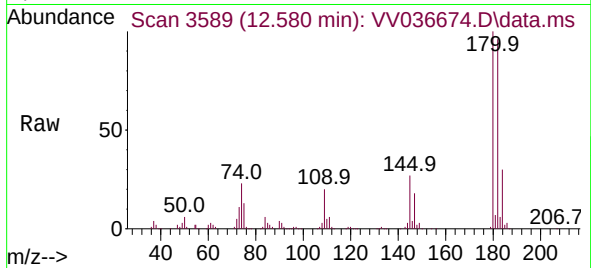
Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 244316

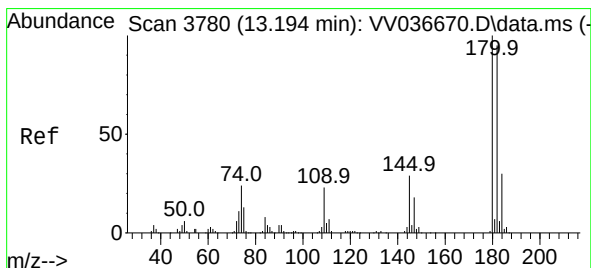
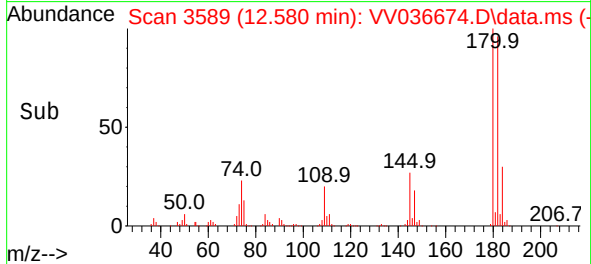
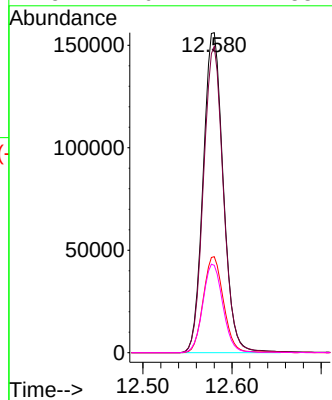
Ion Ratio Lower Upper

180 100

182 95.4 77.3 115.9

184 30.2 24.2 36.4

145 27.6 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 48.069 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

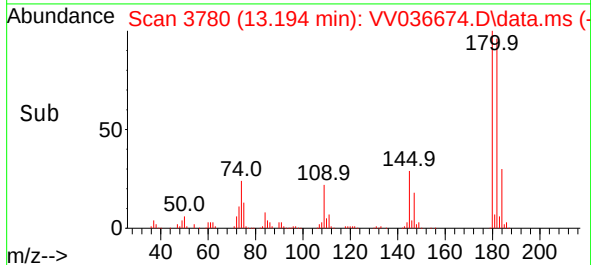
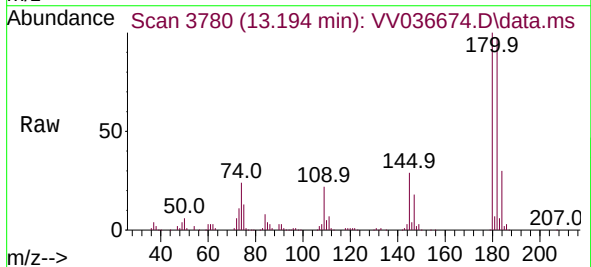
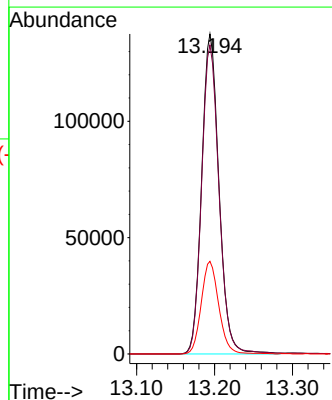
Tgt Ion:180 Resp: 212260

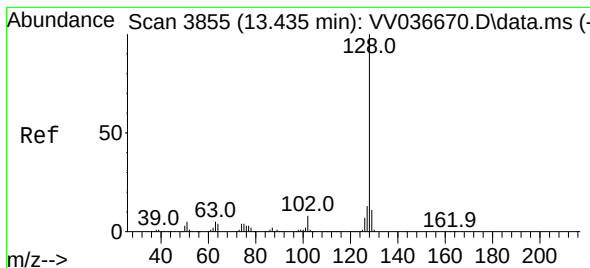
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.8

145 29.1 22.9 34.3





#71

Naphthalene

Concen: 52.702 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Instrument :

MSVOA_V

ClientSampleId :

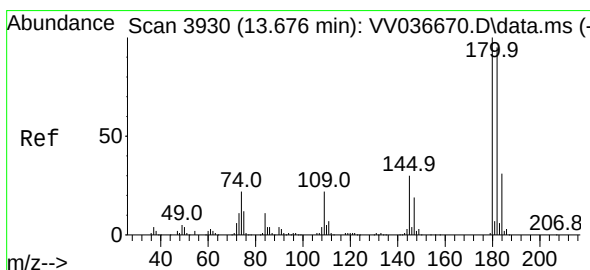
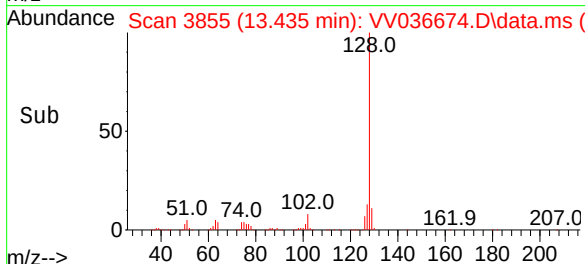
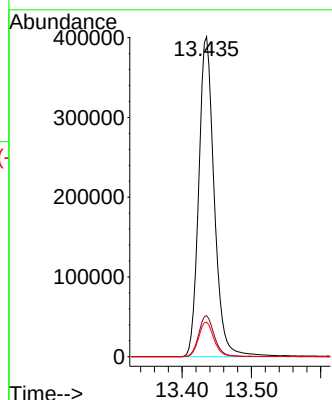
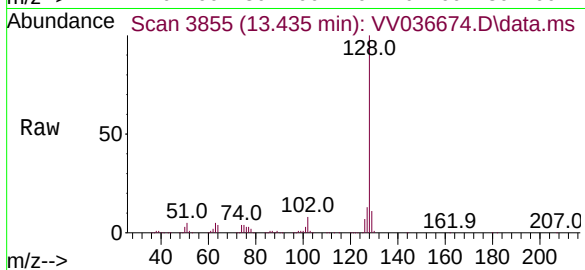
Tgt Ion:128 Resp: 623759

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 50.218 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036674.D

Acq: 24 Jul 2024 20:09

Tgt Ion:180 Resp: 236576

Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 30.9 23.9 35.9

