

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036670.D
 Acq On : 24 Jul 2024 17:47
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 02:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	398578	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	399249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	234133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	125728	40.906	ug/L	0.00
7) Chloroethane-d5	1.526	69	108682	58.580	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	60438	46.694	ug/L	0.00
21) 2-Butanone-d5	3.780	46	134364	84.778	ug/L	0.00
24) Chloroform-d	4.243	84	262541	48.850	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	158897	50.579	ug/L	0.00
32) Benzene-d6	4.953	84	483774	47.163	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	135518	43.386	ug/L	0.00
41) Toluene-d8	7.239	98	490492	52.146	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	73472	49.122	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	106213	111.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203198	45.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	209705	50.795	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	171762	56.537	ug/L	100
3) Chloromethane	1.214	50	125621	43.493	ug/L	100
5) Vinyl chloride	1.281	62	153925	49.219	ug/L	100
6) Bromomethane	1.481	94	132363	66.189	ug/L	100
8) Chloroethane	1.545	64	100879	68.319	ug/L	100
9) Trichlorofluoromethane	1.709	101	271551	60.583	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	159895	57.732	ug/L	100
12) 1,1-Dichloroethene	2.066	96	146404	59.060	ug/L	100
13) Acetone	2.108	43	126781	70.424	ug/L	100
14) Carbon disulfide	2.233	76	376222	55.768	ug/L	100
15) Methyl Acetate	2.368	43	110327	39.110	ug/L	100
16) Methylene chloride	2.442	84	147687	49.416	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	141970	54.755	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	393131	47.105	ug/L	100
19) 1,1-Dichloroethane	3.104	63	228368	44.725	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	154934	53.700	ug/L	100
22) 2-Butanone	3.860	43	147815	73.213	ug/L	100
23) Bromochloromethane	4.140	128	93492	56.715	ug/L	100
25) Chloroform	4.268	83	277460	50.967	ug/L	100
27) 1,2-Dichloroethane	5.037	62	205546	51.539	ug/L	100
29) Cyclohexane	4.577	56	162268	45.880	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	252294	54.507	ug/L	100
31) Carbon tetrachloride	4.728	117	234734	57.187	ug/L	100
33) Benzene	5.005	78	546494	51.397	ug/L	100
34) Trichloroethene	5.828	95	179445	59.389	ug/L	100
35) Methylcyclohexane	6.046	83	219856	52.561	ug/L	100
37) 1,2-Dichloropropane	6.088	63	130755	45.409	ug/L	100
38) Bromodichloromethane	6.429	83	210435	51.989	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	222881	50.822	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	297826	88.107	ug/L	100
42) Toluene	7.310	91	620483	55.053	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	218782	52.103	ug/L	100

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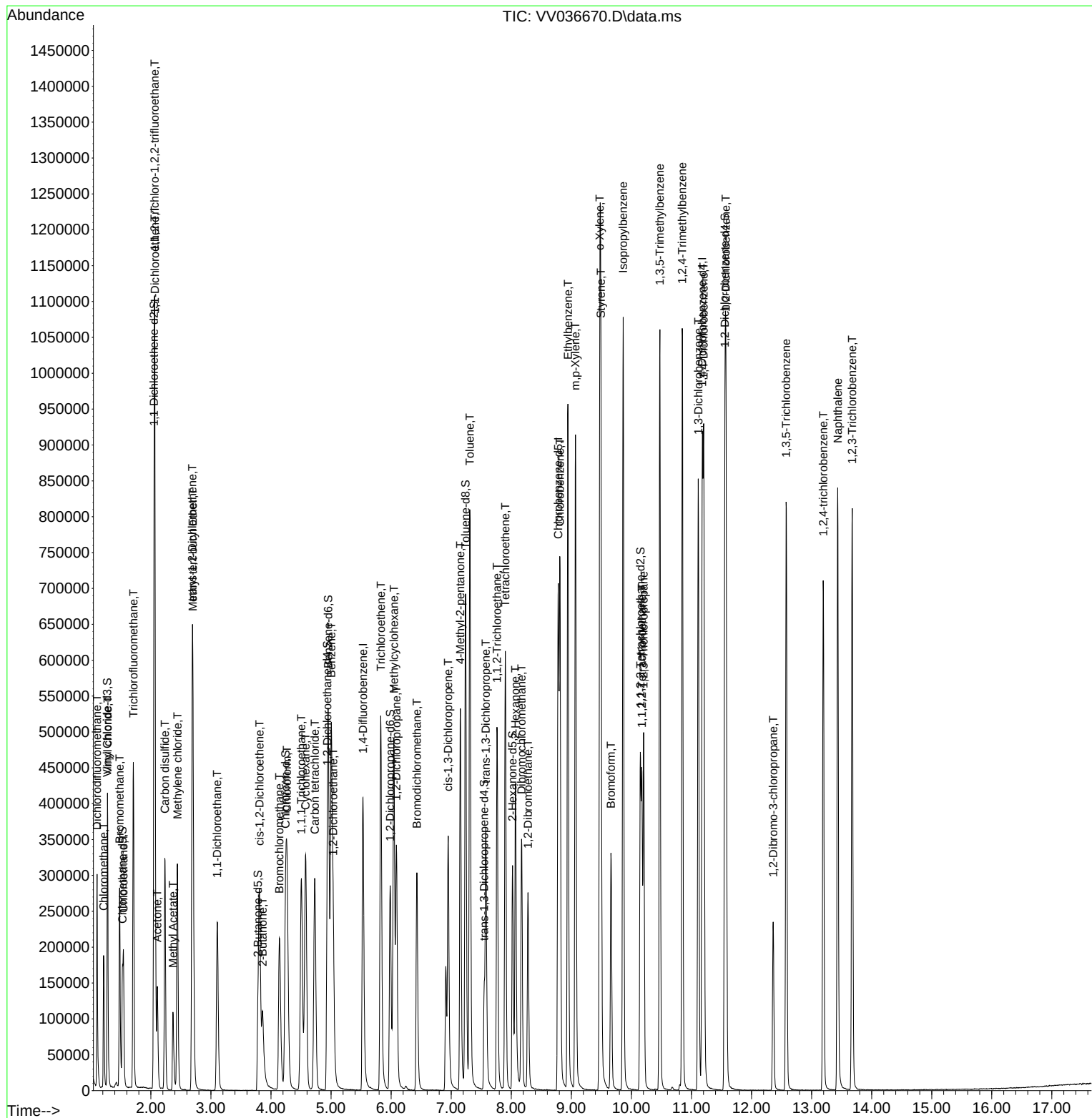
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	160952	51.472	ug/L	100
46) Tetrachloroethene	7.902	164	147564	61.657	ug/L	100
48) 2-Hexanone	8.069	43	237641	83.551	ug/L	100
49) Dibromochloromethane	8.172	129	188125	57.336	ug/L	100
50) 1,2-Dibromoethane	8.278	107	181837	56.168	ug/L	100
51) Chlorobenzene	8.812	112	427691	53.500	ug/L	100
52) Ethylbenzene	8.943	91	665494	54.281	ug/L	100
53) m,p-Xylene	9.069	106	265404	56.670	ug/L	100
54) o-Xylene	9.474	106	255188	55.792	ug/L	100
55) Styrene	9.493	104	462854	58.650	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	200257	41.439	ug/L	100
59) Bromoform	9.660	173	153166	53.703	ug/L	100
60) Isopropylbenzene	9.863	105	691043	51.645	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	190780	44.442	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	552710	51.596	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	561361	53.397	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	369194	52.622	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	380793	51.620	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	376239	52.620	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	56177	54.959	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	271781	54.111	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	237204	58.149	ug/L	100
71) Naphthalene	13.435	128	684160	71.138	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	264987	64.790	ug/L	100

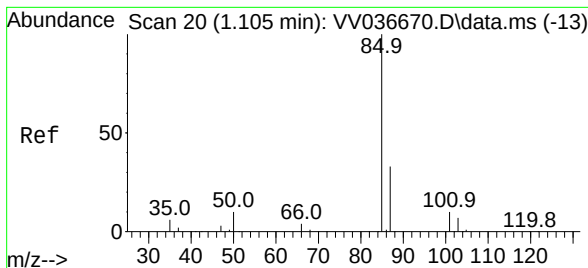
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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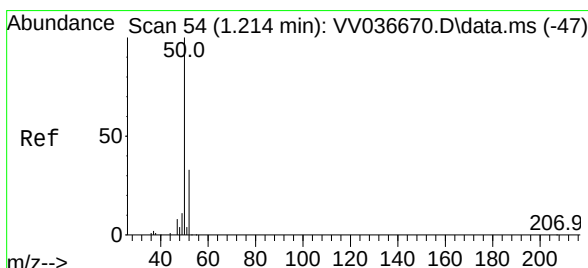
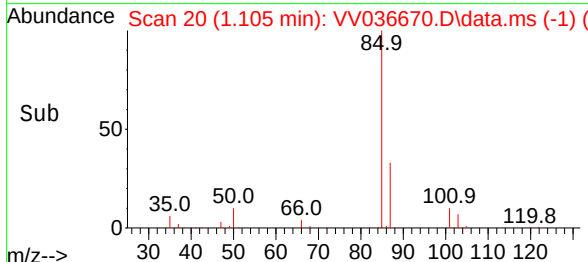
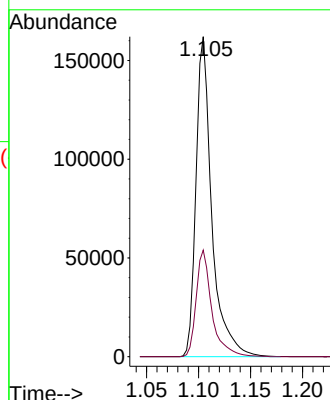
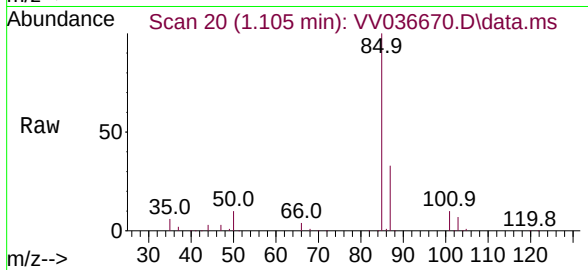




#2
 Dichlorodifluoromethane
 Concen: 56.537 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV036670.D
 Acq: 24 Jul 2024 17:47

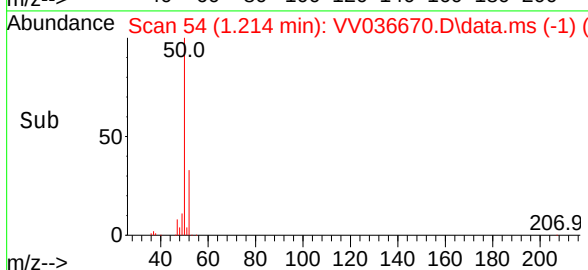
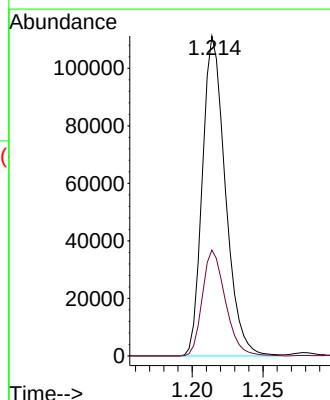
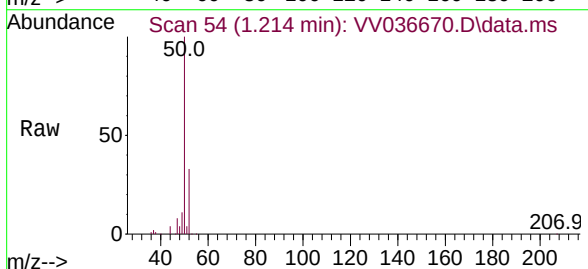
Instrument :
 MSVOA_V
 ClientSampleId :

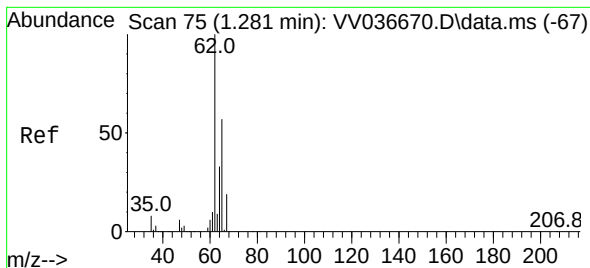
Tgt Ion: 85 Resp: 171762
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 43.493 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV036670.D
 Acq: 24 Jul 2024 17:47

Tgt Ion: 50 Resp: 125621
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 49.219 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

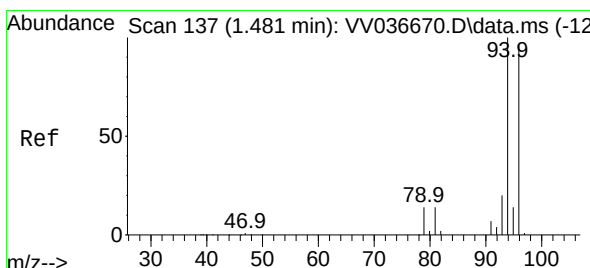
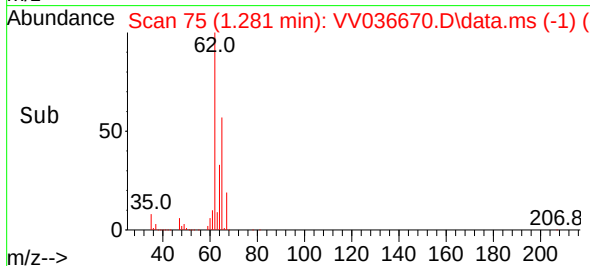
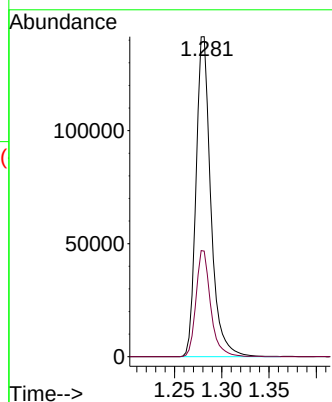
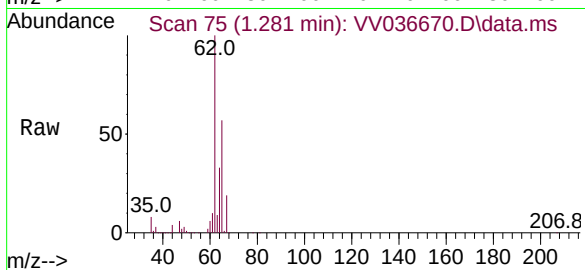
ClientSampleId :

Tgt Ion: 62 Resp: 153925

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 66.189 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.000 min

Lab File: VV036670.D

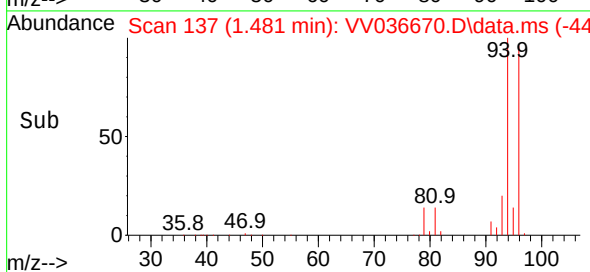
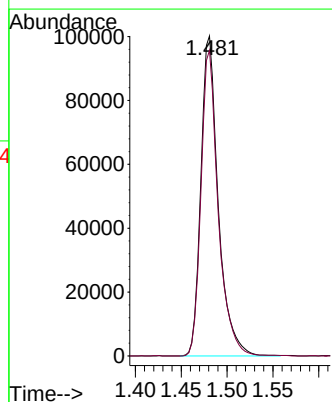
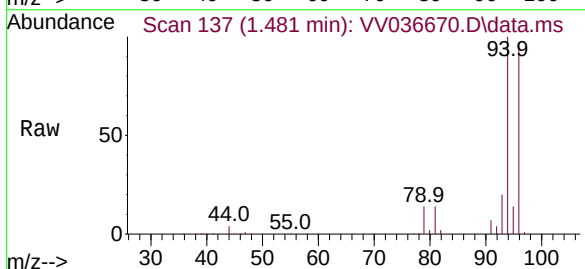
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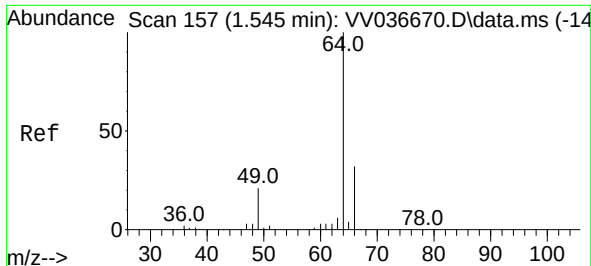
Tgt Ion: 94 Resp: 132363

Ion Ratio Lower Upper

94 100

96 95.5 66.8 124.2

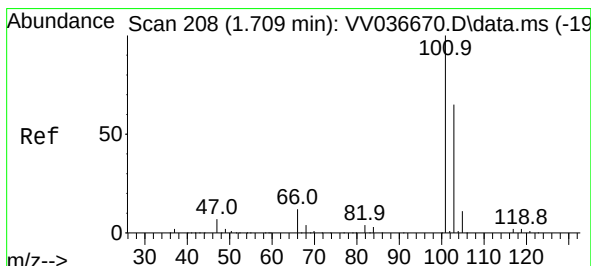
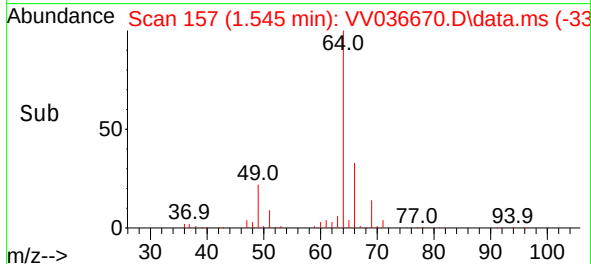
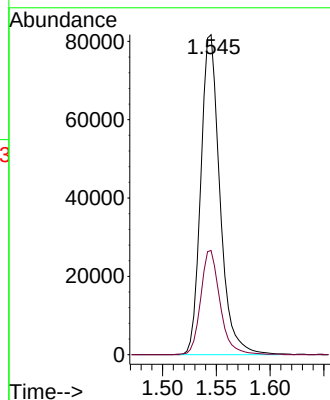
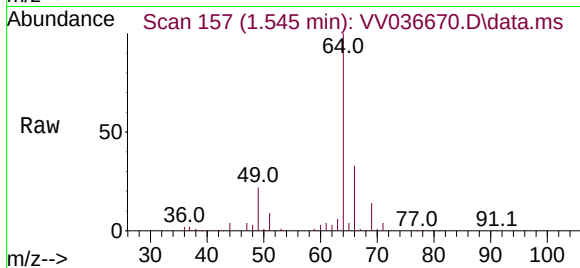




#8
Chloroethane
Concen: 68.319 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

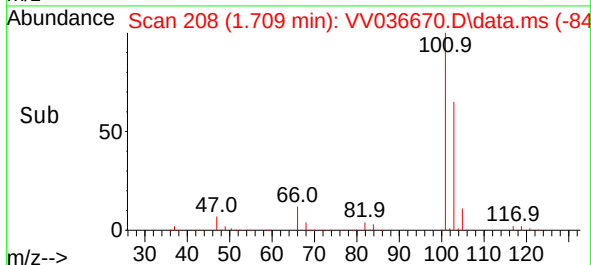
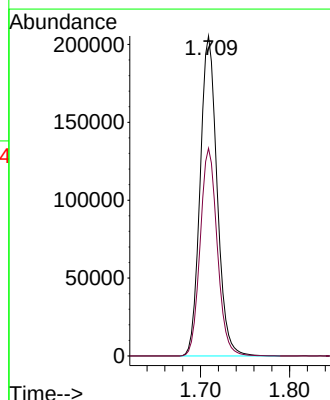
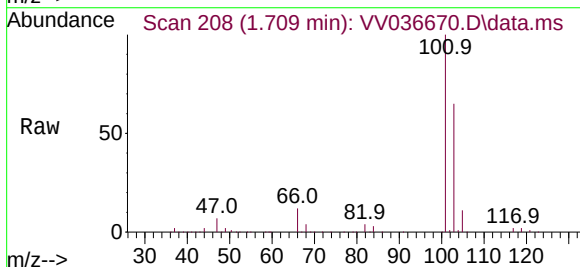
Instrument :
MSVOA_V
ClientSampleId :

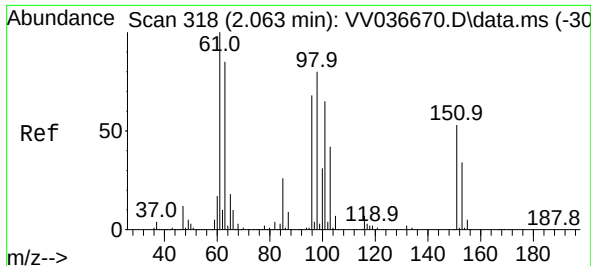
Tgt Ion: 64 Resp: 100879
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 60.583 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion:101 Resp: 271551
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4





#10

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

Concen: 57.732 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

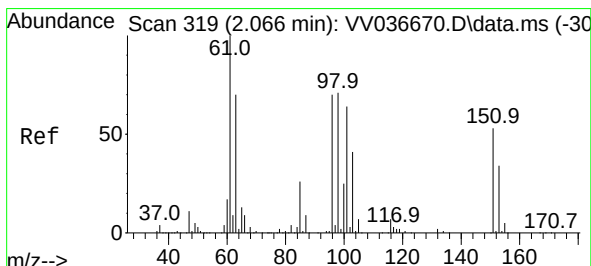
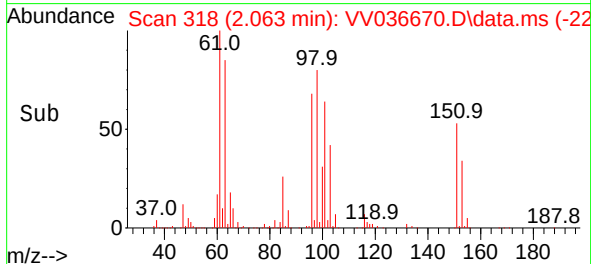
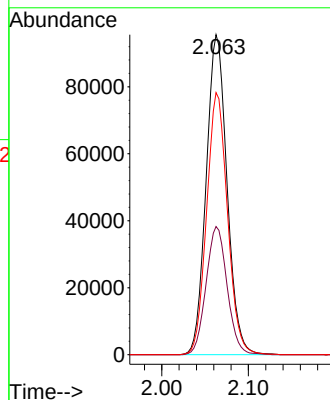
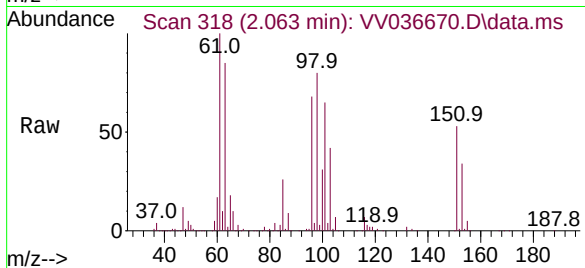
Tgt Ion:101 Resp: 159895

Ion Ratio Lower Upper

101 100

85 40.5 32.4 48.6

151 82.1 65.7 98.5



#12

1,1-Dichloroethene

Concen: 59.060 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

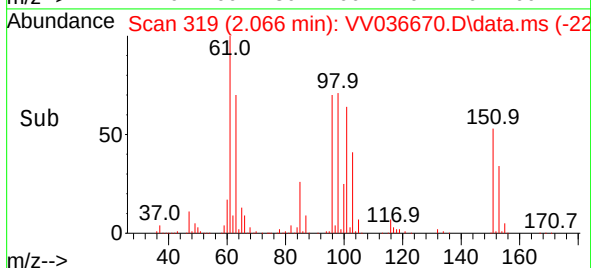
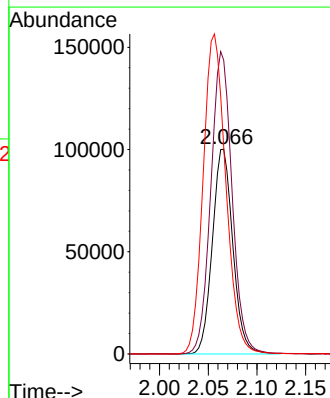
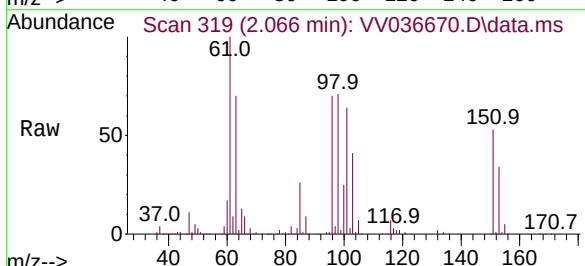
Tgt Ion: 96 Resp: 146404

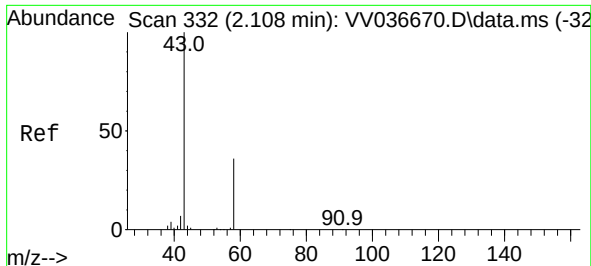
Ion Ratio Lower Upper

96 100

61 143.4 100.4 186.4

63 101.1 70.8 131.4





#13

Acetone

Concen: 70.424 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

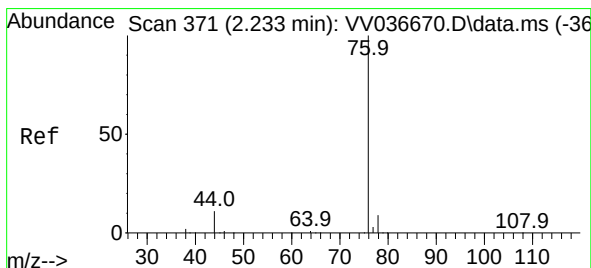
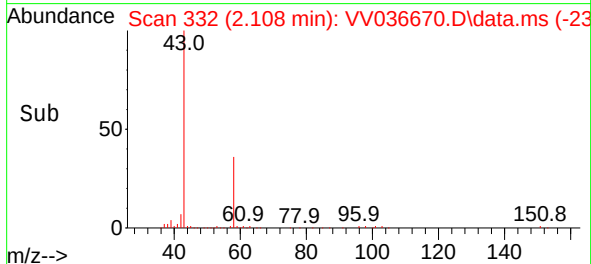
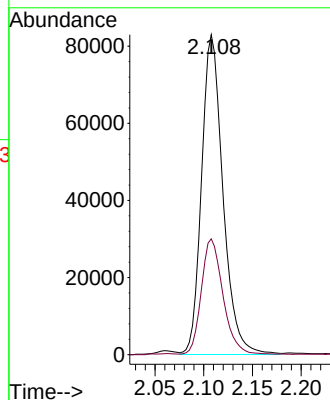
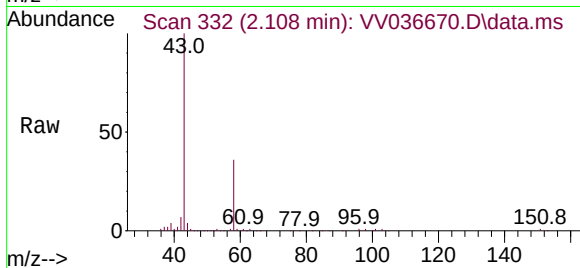
ClientSampleId :

Tgt Ion: 43 Resp: 126781

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.4



#14

Carbon disulfide

Concen: 55.768 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV036670.D

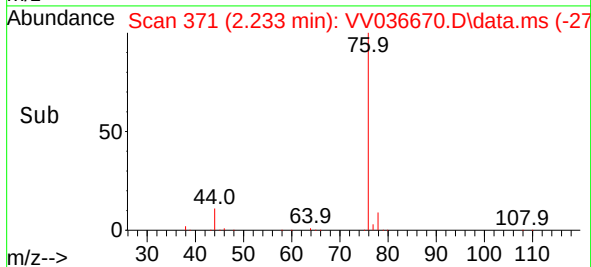
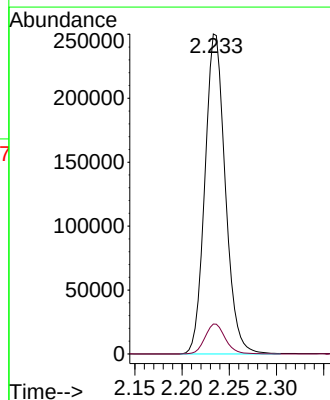
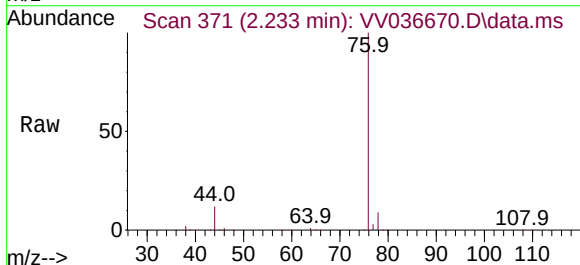
Acq: 24 Jul 2024 17:47

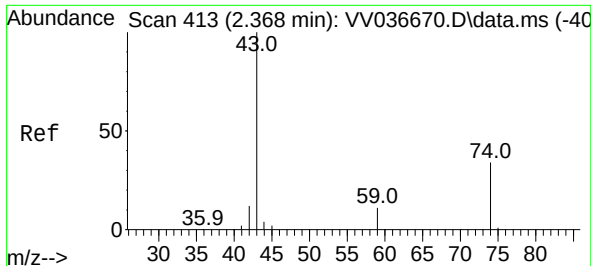
Tgt Ion: 76 Resp: 376222

Ion Ratio Lower Upper

76 100

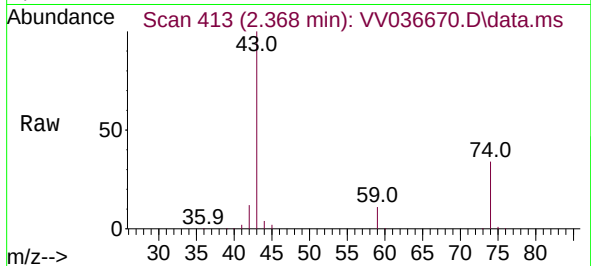
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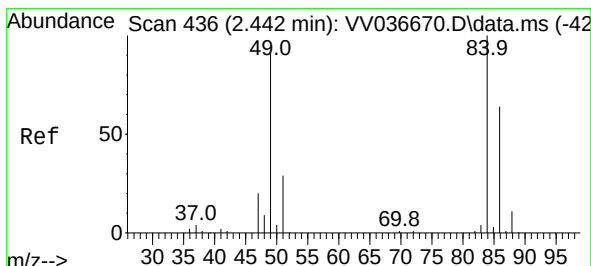
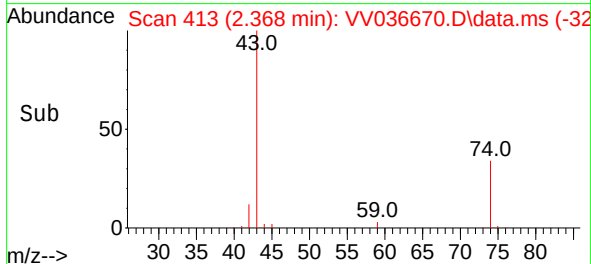
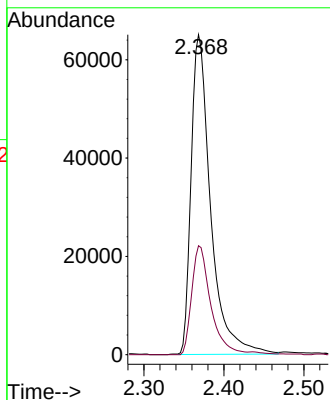


#15
Methyl Acetate
Concen: 39.110 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

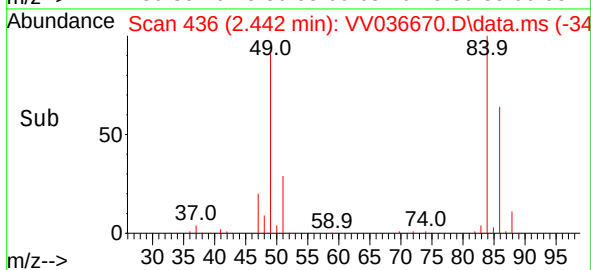
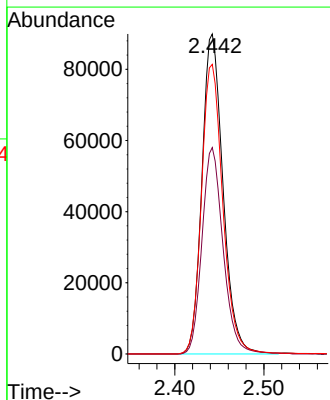
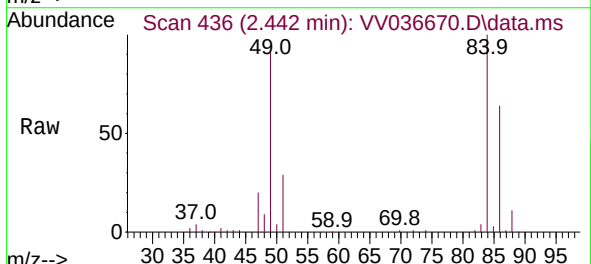


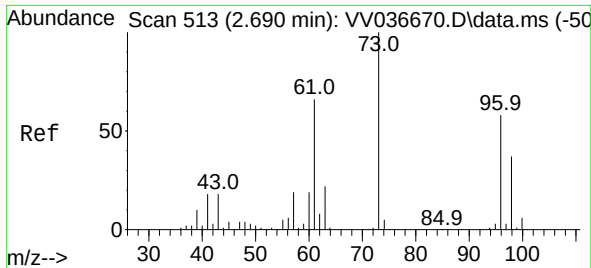
Tgt Ion: 43 Resp: 110327
Ion Ratio Lower Upper
43 100
74 33.1 26.5 39.7



#16
Methylene chloride
Concen: 49.416 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 84 Resp: 147687
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 90.5 63.3 117.7





#17

trans-1,2-Dichloroethene

Concen: 54.755 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

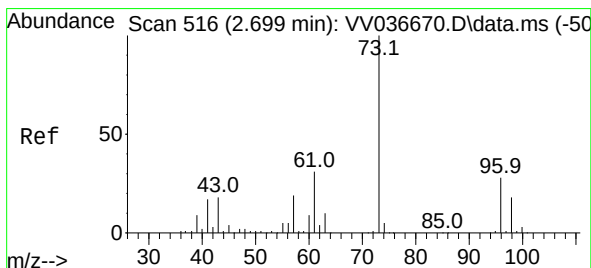
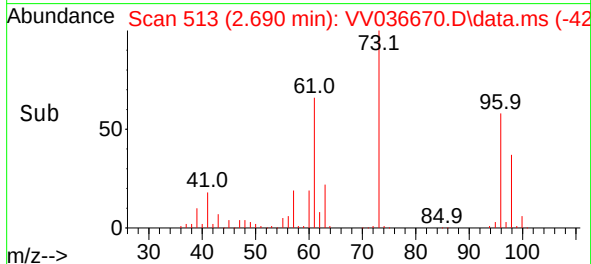
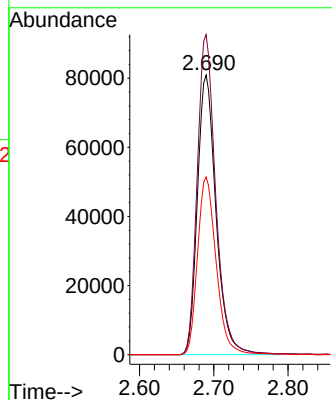
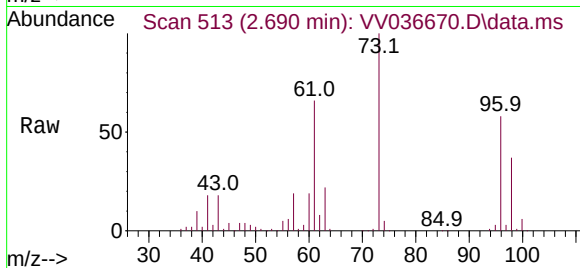
Tgt Ion: 96 Resp: 141970

Ion Ratio Lower Upper

96 100

61 114.5 80.2 148.9

98 63.6 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 47.105 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

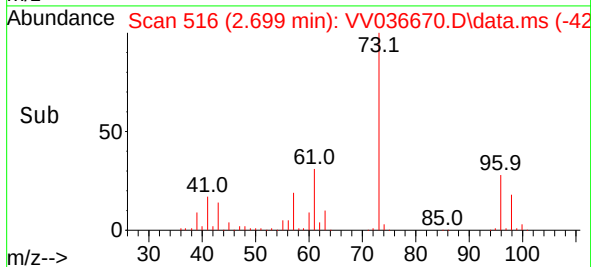
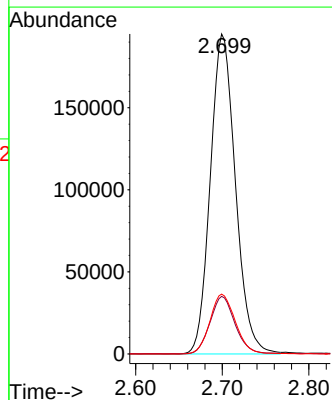
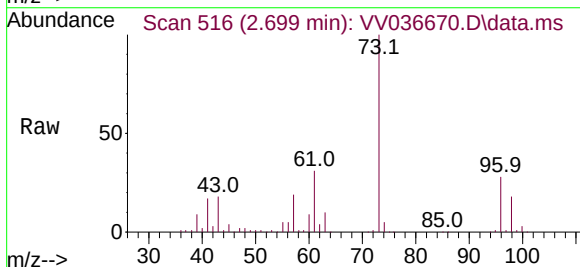
Tgt Ion: 73 Resp: 393131

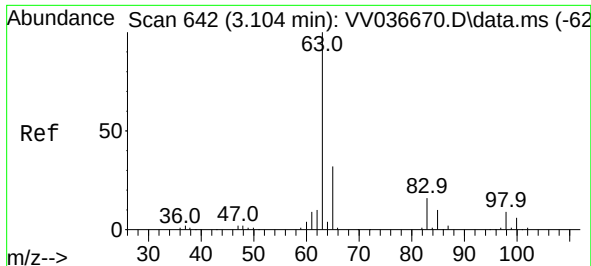
Ion Ratio Lower Upper

73 100

43 17.9 14.3 21.5

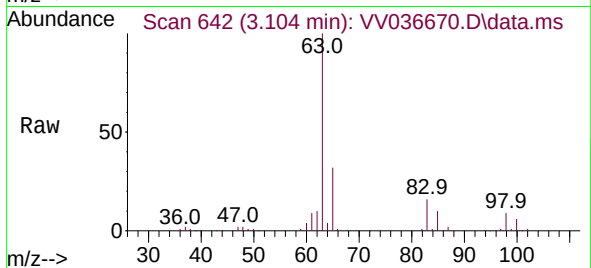
57 19.0 15.2 22.8



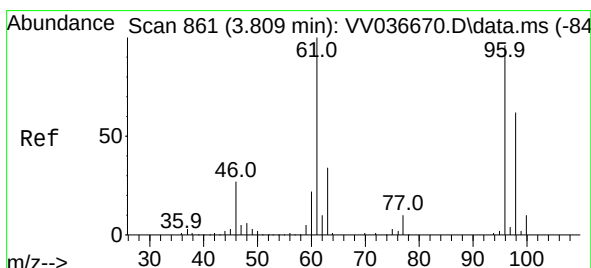
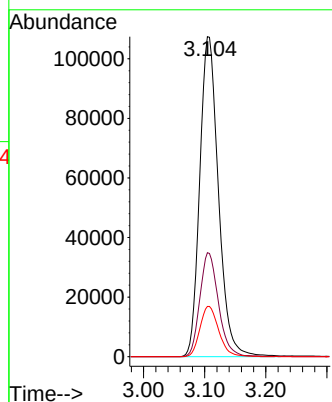
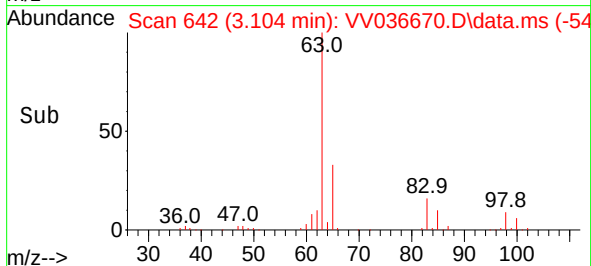


#19
1,1-Dichloroethane
Concen: 44.725 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

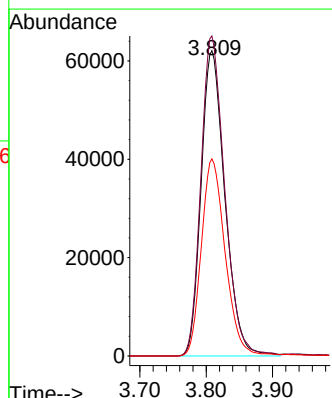
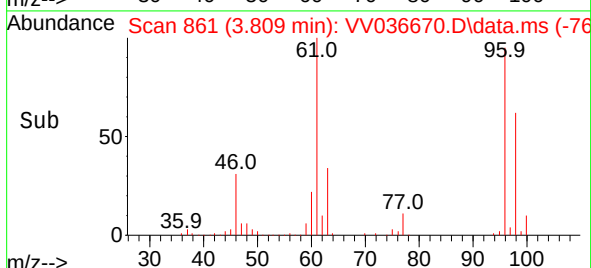
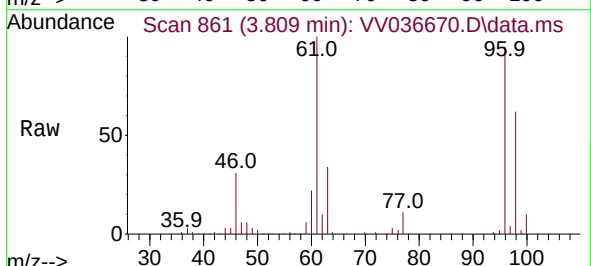


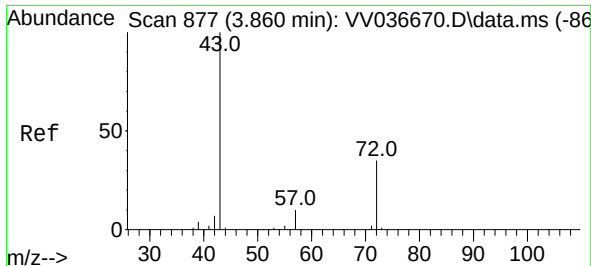
Tgt Ion: 63 Resp: 228368
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.3
83 15.7 11.0 20.4



#20
cis-1,2-Dichloroethene
Concen: 53.700 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 96 Resp: 154934
Ion Ratio Lower Upper
96 100
61 104.8 73.4 136.2
98 64.6 45.2 84.0

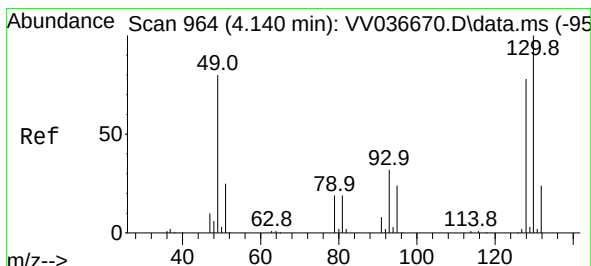
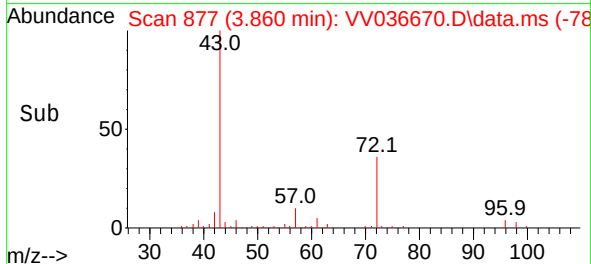
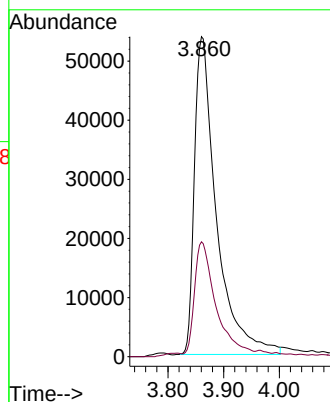
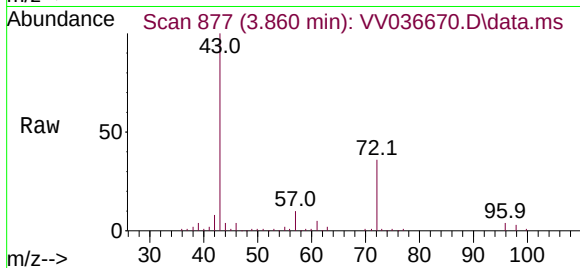




#22
2-Butanone
Concen: 73.213 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

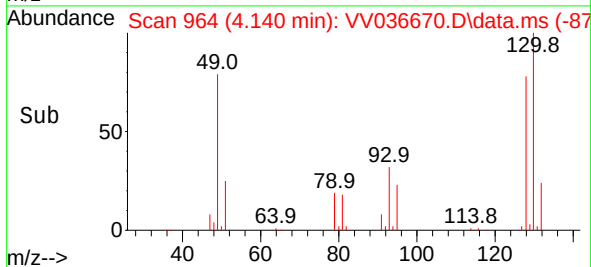
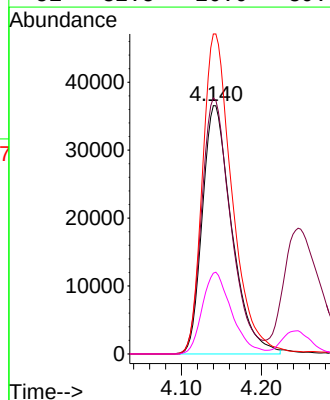
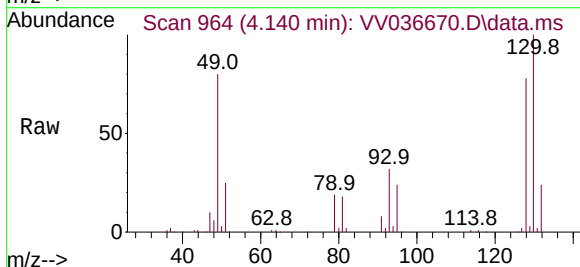
Instrument :
MSVOA_V
ClientSampleId :

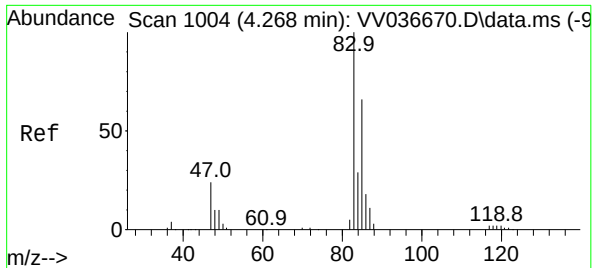
Tgt Ion: 43 Resp: 147815
Ion Ratio Lower Upper
43 100
72 34.4 17.2 51.6



#23
Bromochloromethane
Concen: 56.715 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion:128 Resp: 93492
Ion Ratio Lower Upper
128 100
49 103.1 72.2 134.0
130 128.9 90.2 167.6
51 32.5 26.0 39.0

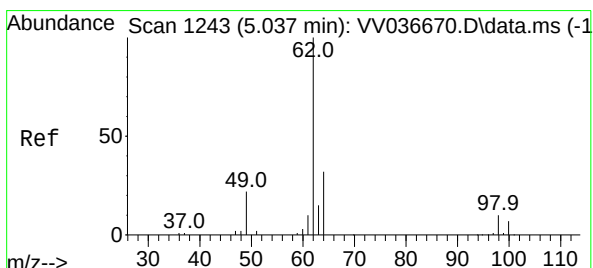
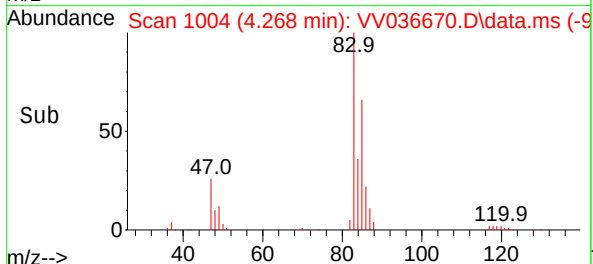
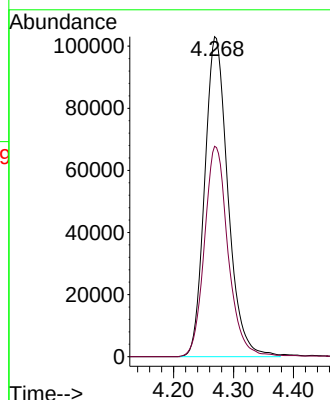
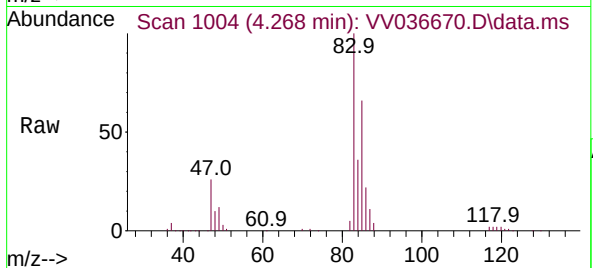




#25
Chloroform
Concen: 50.967 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

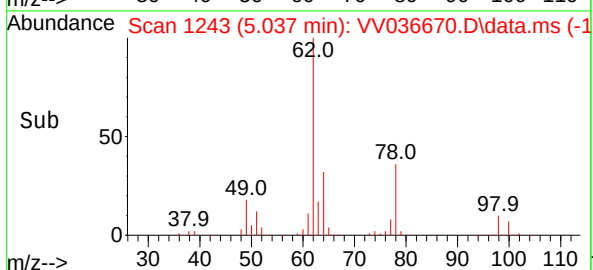
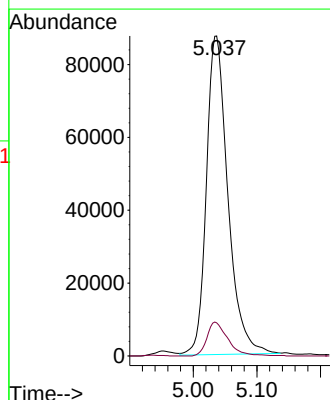
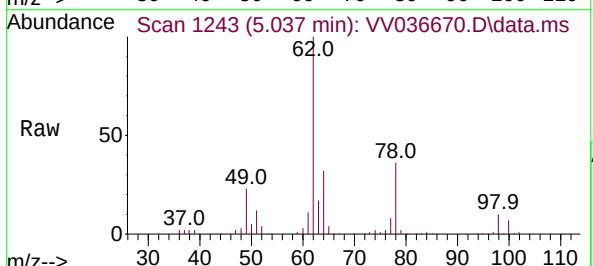
Instrument :
MSVOA_V
ClientSampleId :

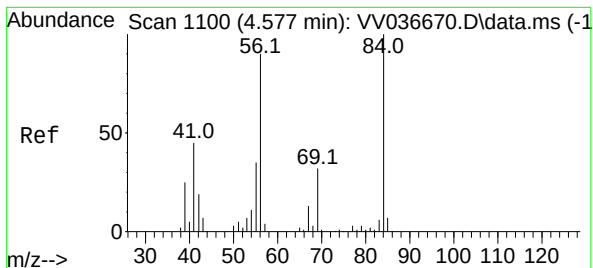
Tgt Ion: 83 Resp: 277460
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 51.539 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 62 Resp: 205546
Ion Ratio Lower Upper
62 100
98 10.4 8.3 12.5





#29

Cyclohexane

Concen: 45.880 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

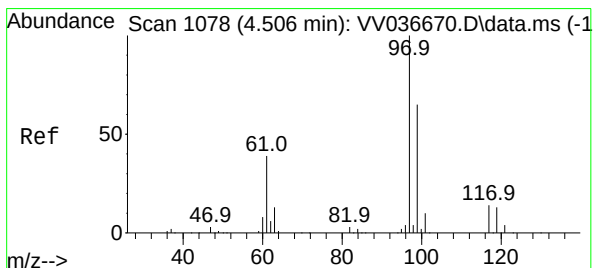
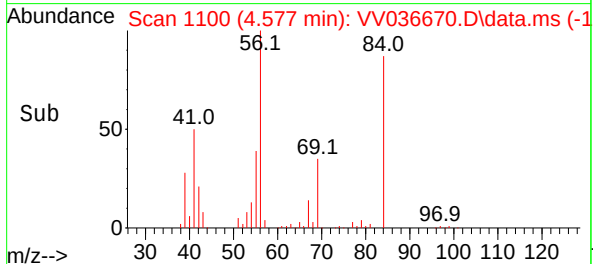
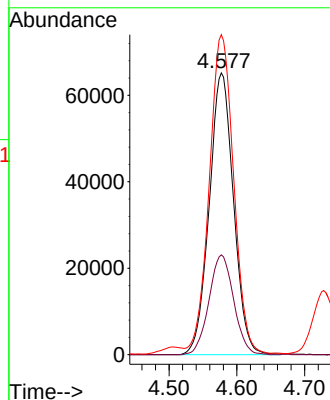
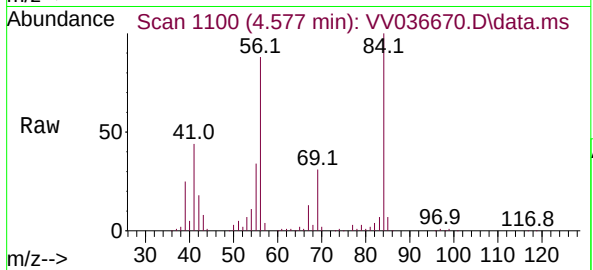
Tgt Ion: 56 Resp: 162268

Ion Ratio Lower Upper

56 100

69 36.0 28.8 43.2

84 113.1 90.5 135.7



#30

1,1,1-Trichloroethane

Concen: 54.507 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

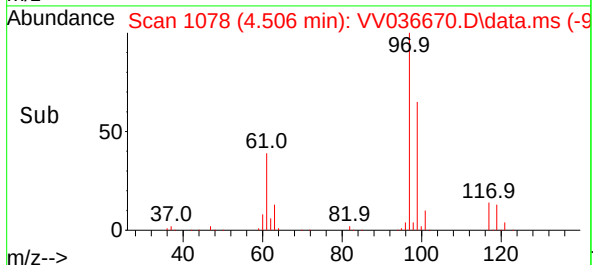
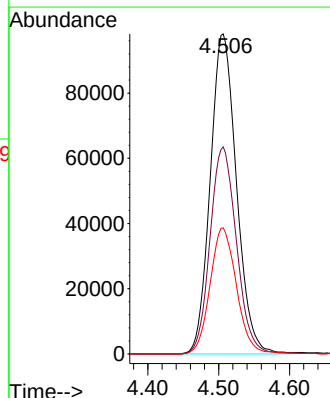
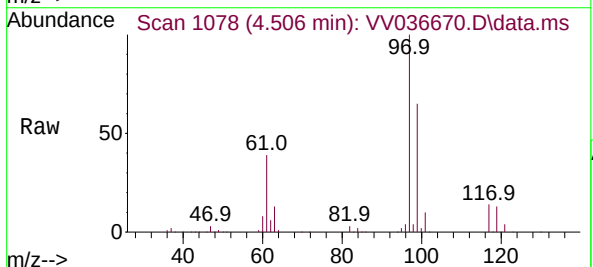
Tgt Ion: 97 Resp: 252294

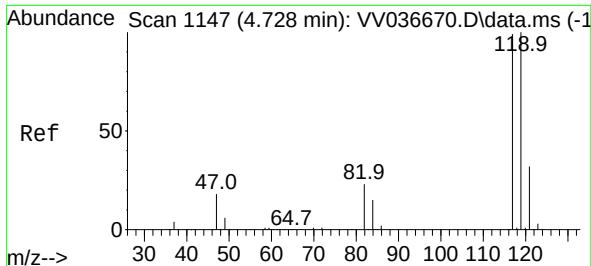
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 39.5 31.6 47.4

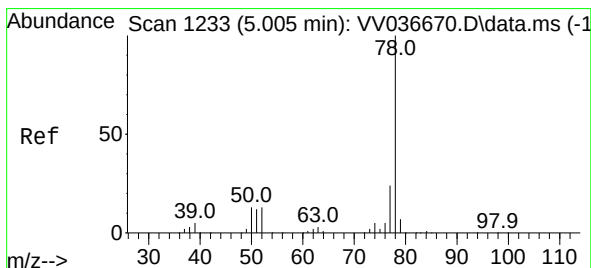
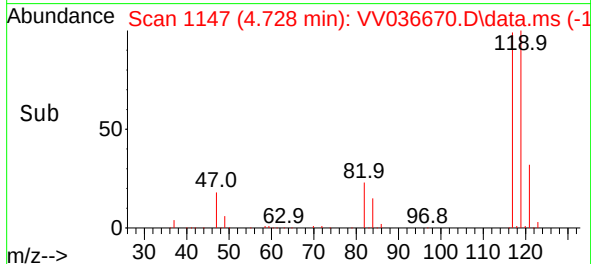
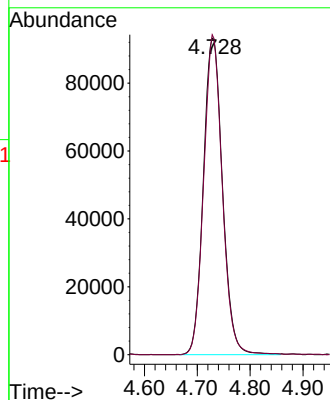
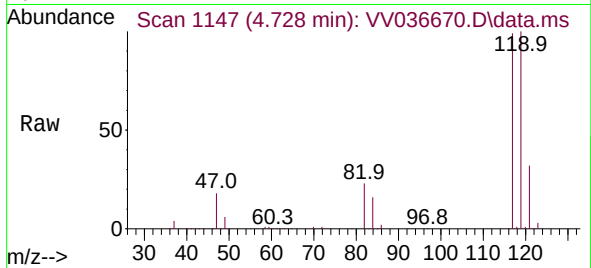




#31
Carbon tetrachloride
Concen: 57.187 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

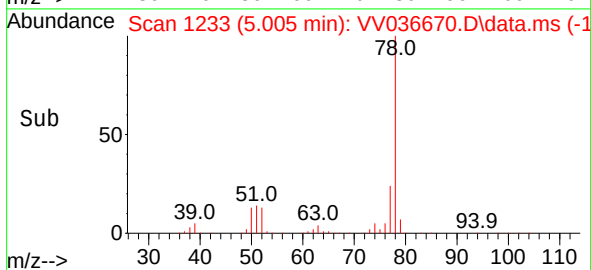
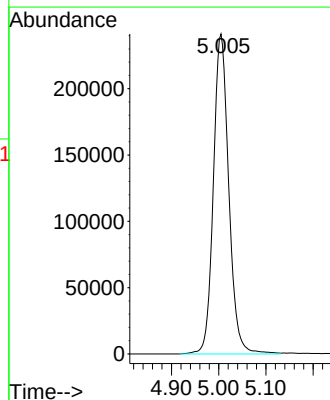
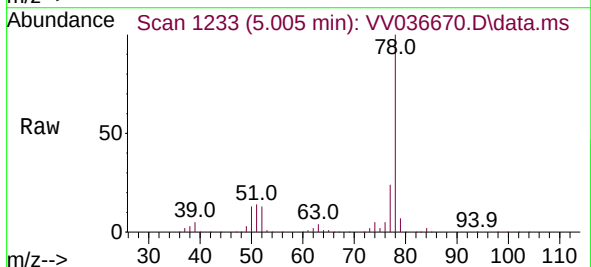
Instrument :
MSVOA_V
ClientSampleId :

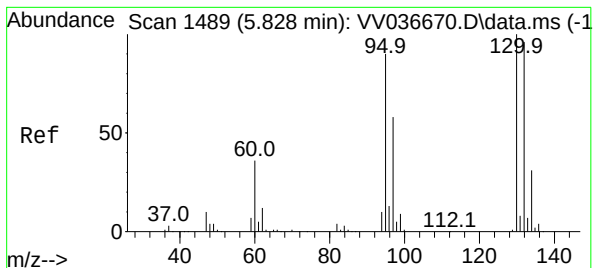
Tgt Ion:117 Resp: 234734
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9



#33
Benzene
Concen: 51.397 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 78 Resp: 546494





#34

Trichloroethene

Concen: 59.389 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 179445

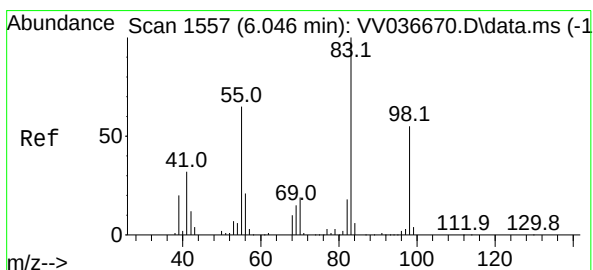
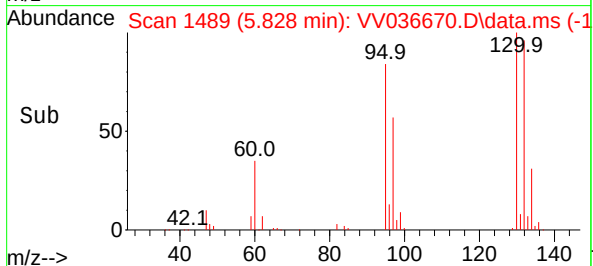
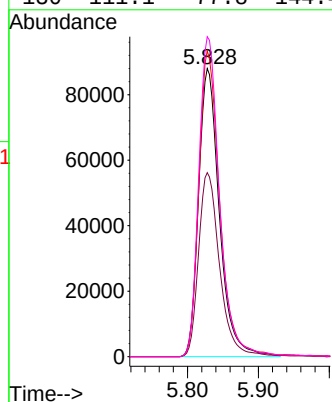
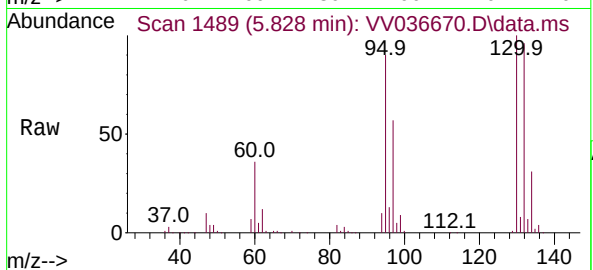
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 106.2 74.3 138.1

130 111.1 77.8 144.4



#35

Methylcyclohexane

Concen: 52.561 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

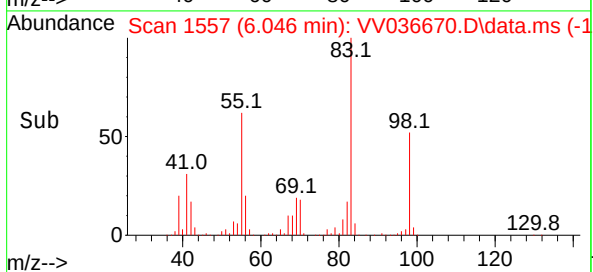
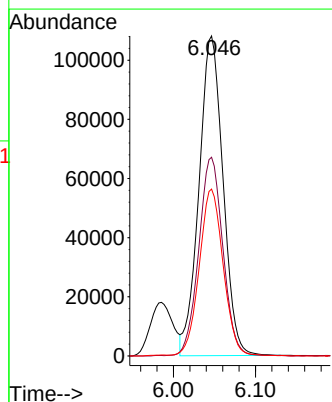
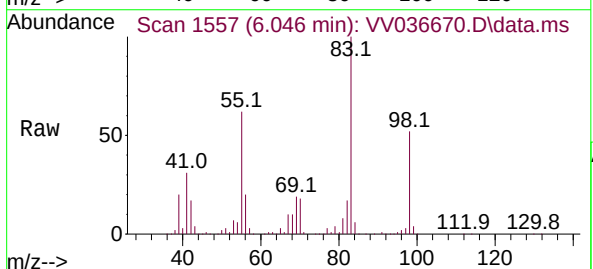
Tgt Ion: 83 Resp: 219856

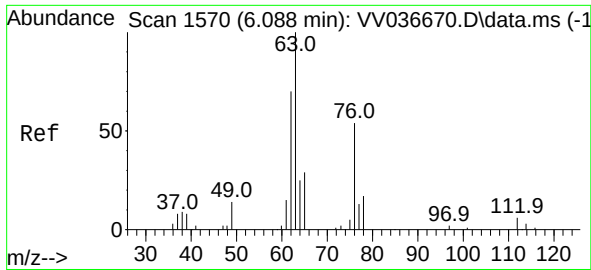
Ion Ratio Lower Upper

83 100

55 62.4 49.9 74.9

98 52.0 41.6 62.4

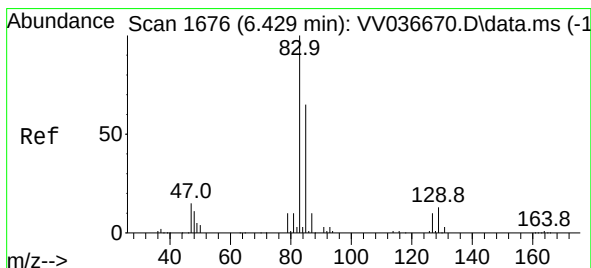
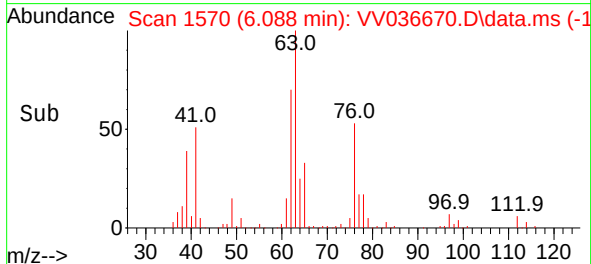
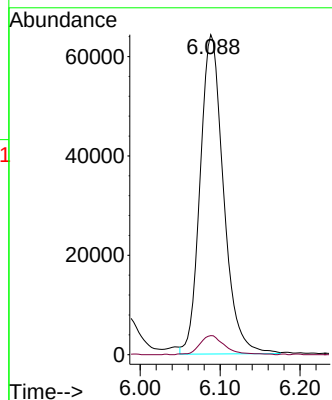
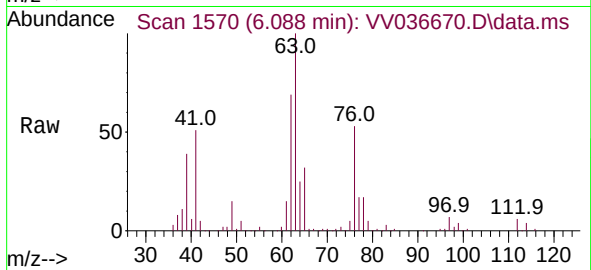




#37
1,2-Dichloropropane
Concen: 45.409 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

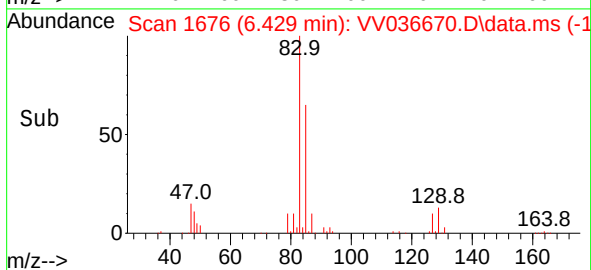
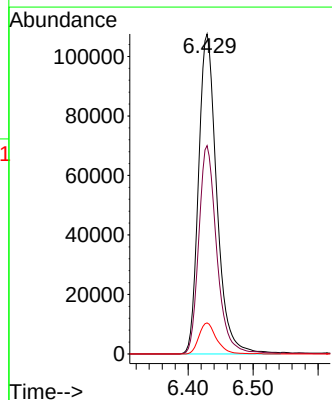
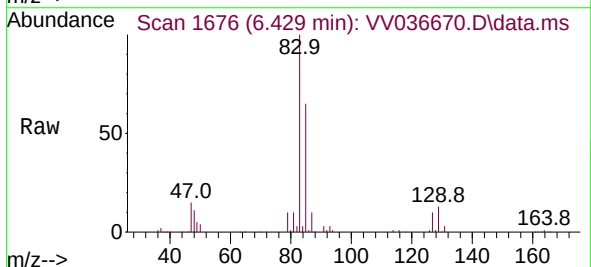
Instrument :
MSVOA_V
ClientSampleId :

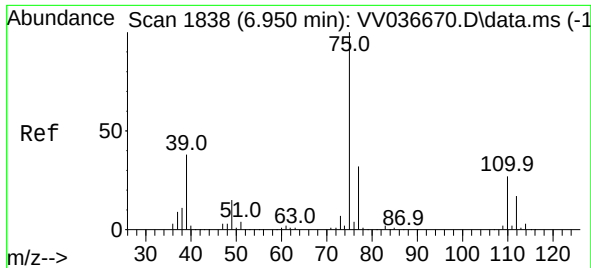
Tgt Ion: 63 Resp: 130755
Ion Ratio Lower Upper
63 100
112 6.4 5.1 7.7



#38
Bromodichloromethane
Concen: 51.989 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 83 Resp: 210435
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6
127 9.7 7.8 11.6

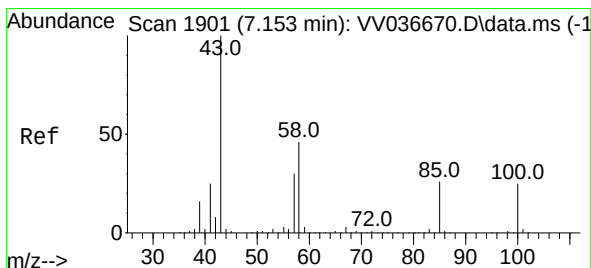
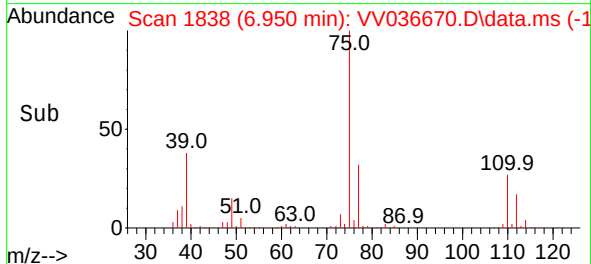
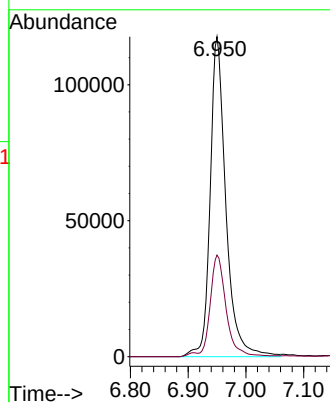
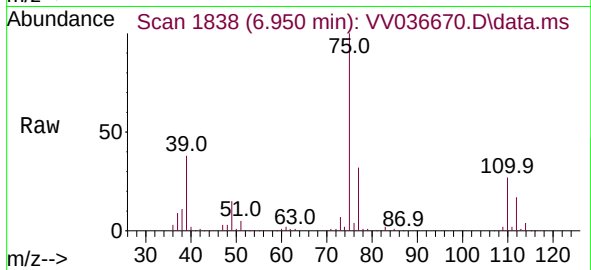




#39
cis-1,3-Dichloropropene
Concen: 50.822 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

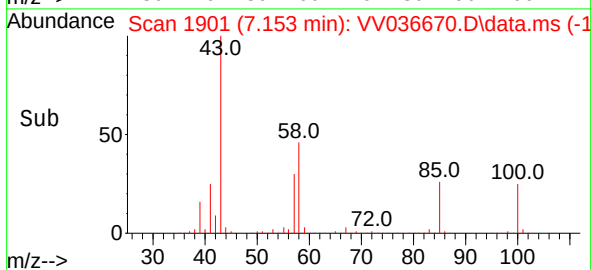
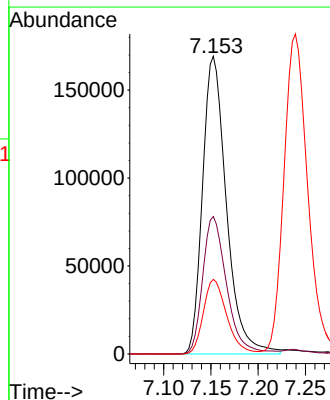
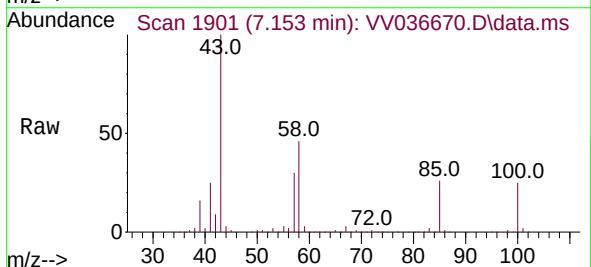
Instrument :
MSVOA_V
ClientSampleId :

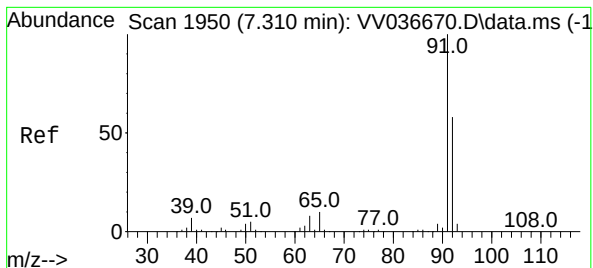
Tgt Ion: 75 Resp: 222881
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 88.107 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 43 Resp: 297826
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8
100 24.5 19.6 29.4





#42

Toluene

Concen: 55.053 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

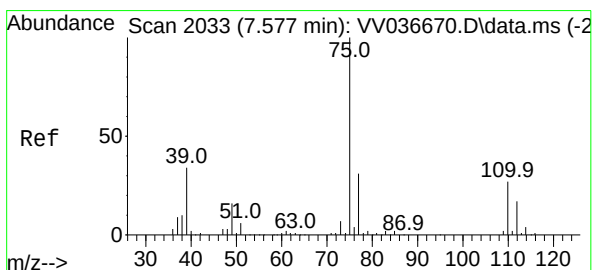
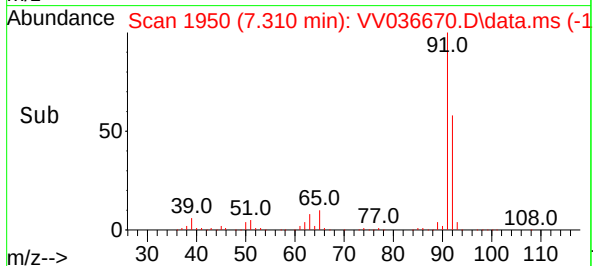
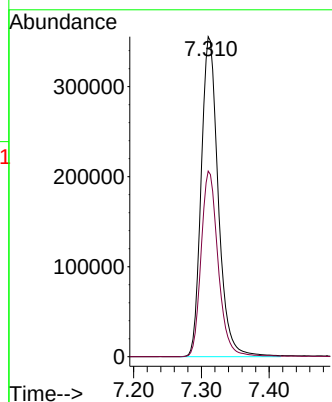
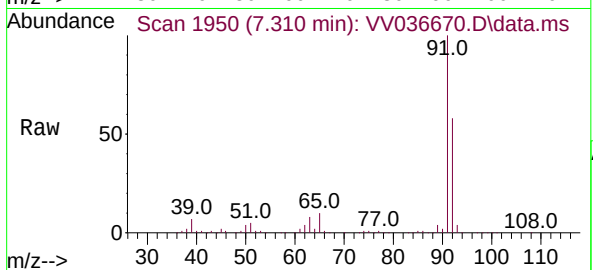
ClientSampleId :

Tgt Ion: 91 Resp: 620483

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 52.103 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036670.D

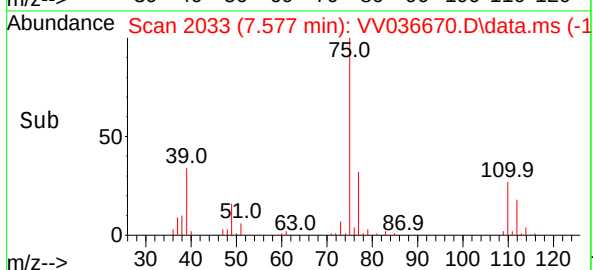
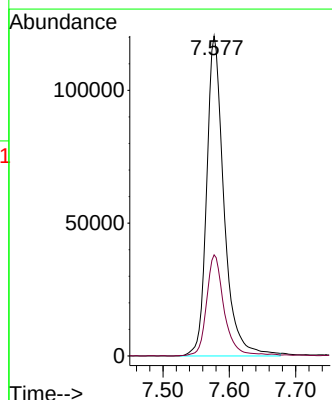
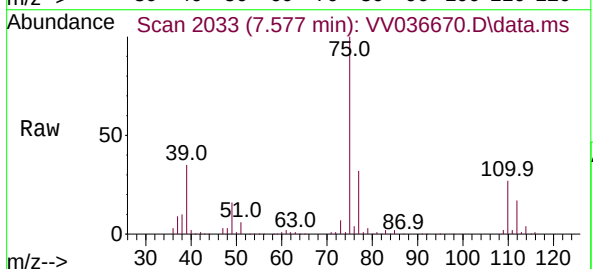
Acq: 24 Jul 2024 17:47

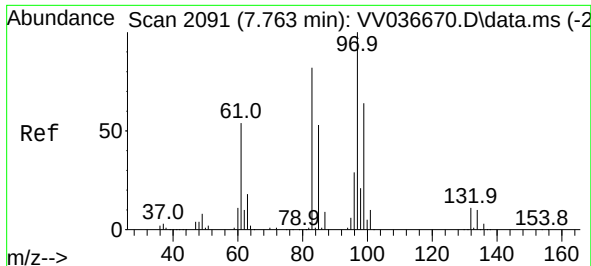
Tgt Ion: 75 Resp: 218782

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1

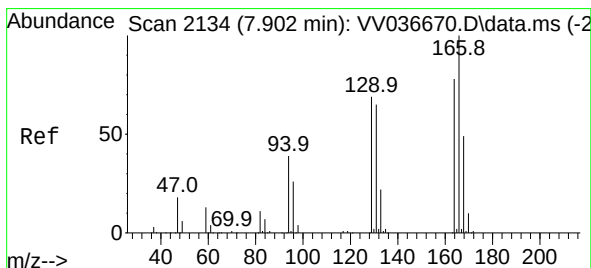
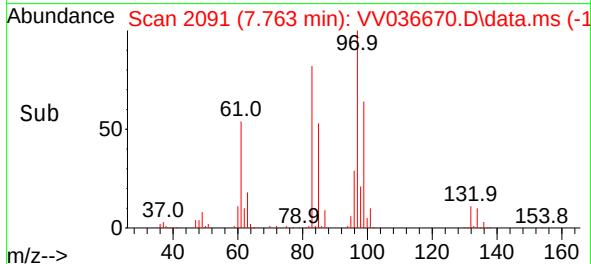
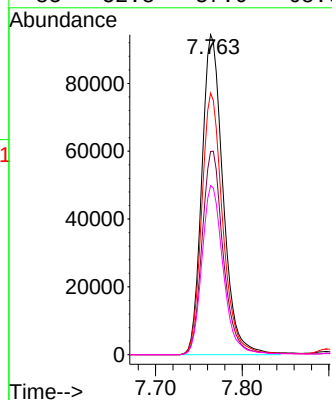
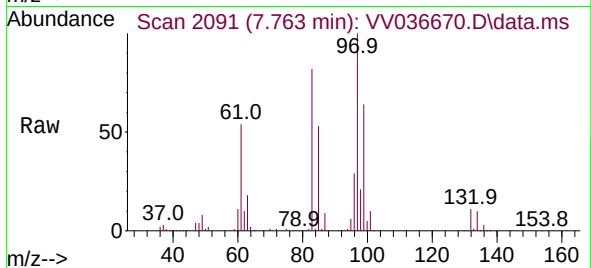




#45
1,1,2-Trichloroethane
Concen: 51.472 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

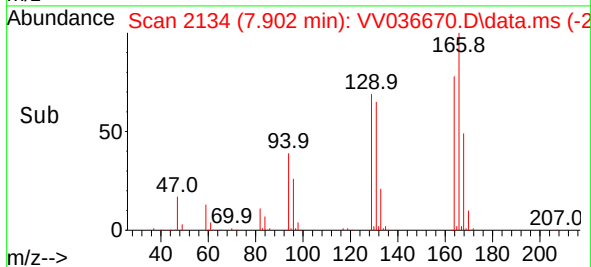
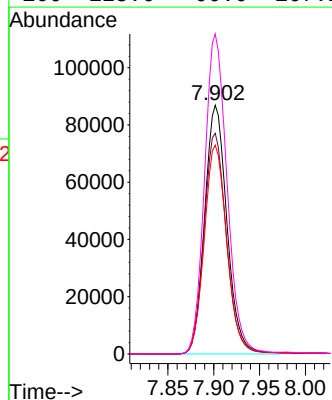
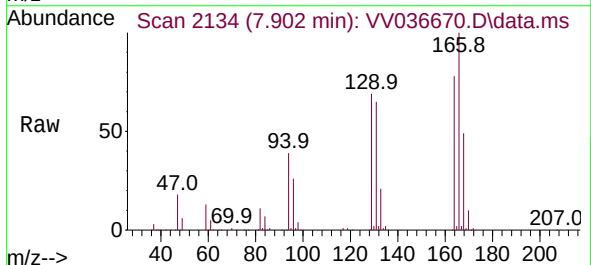
Instrument :
MSVOA_V
ClientSampleId :

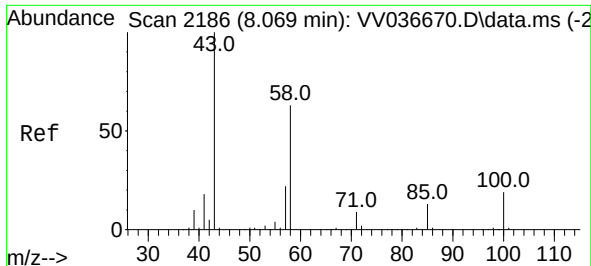
Tgt Ion:	97	Resp:	160952
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.5
83	81.8	57.3	106.3
85	52.8	37.0	68.6



#46
Tetrachloroethene
Concen: 61.657 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion:	164	Resp:	147564
Ion	Ratio	Lower	Upper
164	100		
129	88.7	62.1	115.3
131	83.9	58.7	109.1
166	128.6	90.0	167.2





#48

2-Hexanone

Concen: 83.551 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

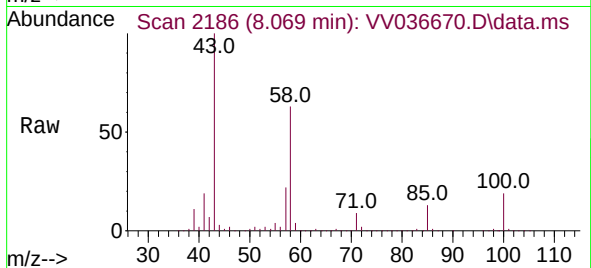
Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 237641

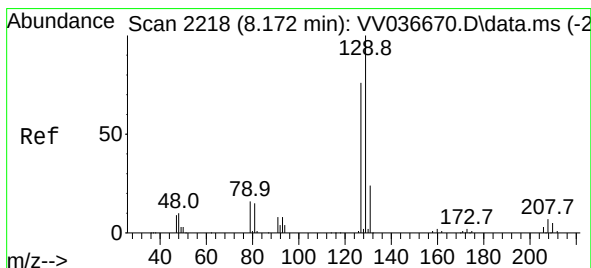
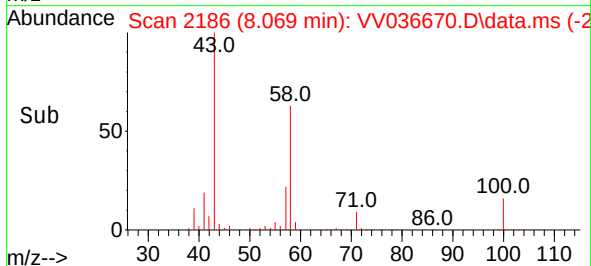
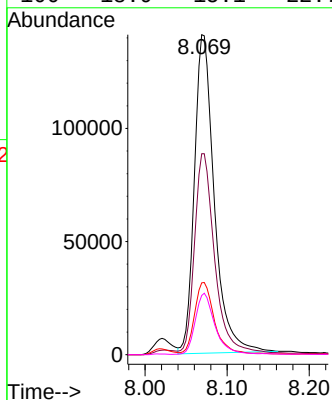
Ion Ratio Lower Upper

43 100

58 64.1 51.3 76.9

57 22.0 17.6 26.4

100 18.9 15.1 22.7



#49

Dibromochloromethane

Concen: 57.336 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036670.D

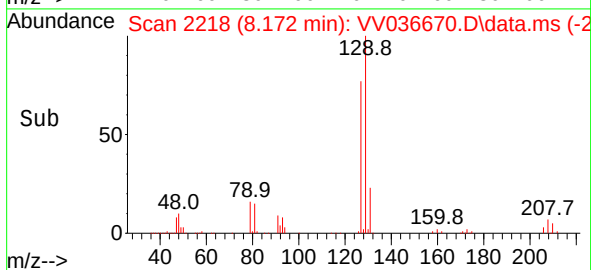
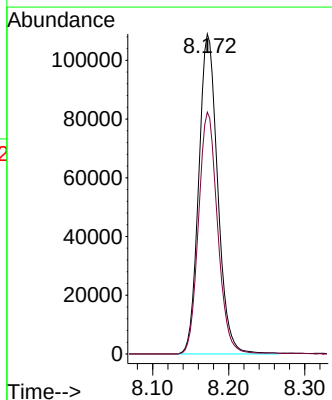
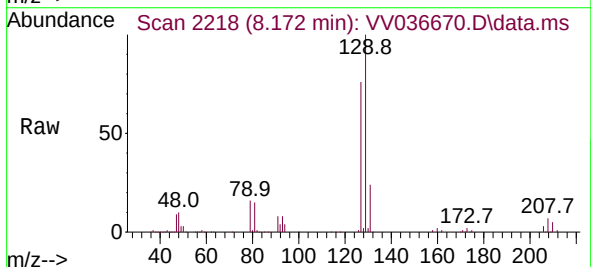
Acq: 24 Jul 2024 17:47

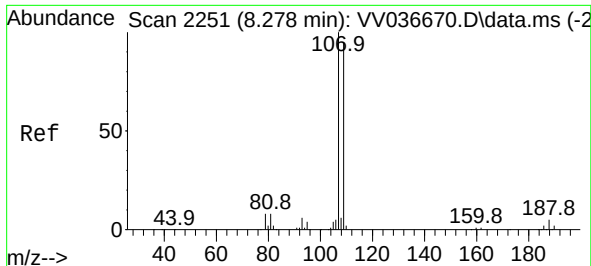
Tgt Ion: 129 Resp: 188125

Ion Ratio Lower Upper

129 100

127 75.5 52.8 98.2

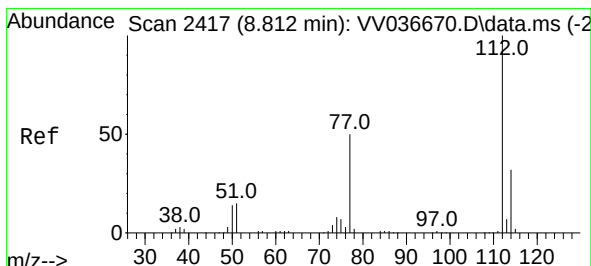
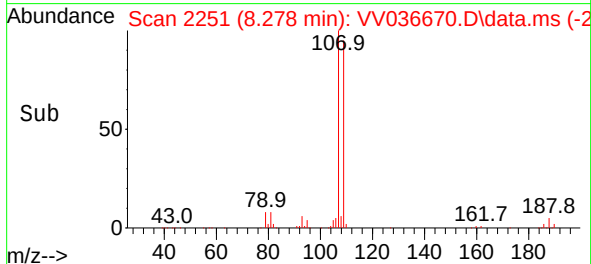
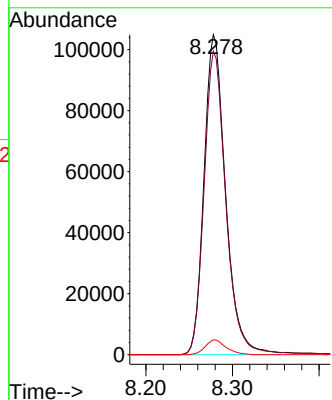
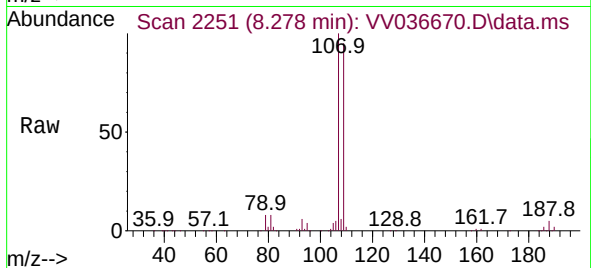




#50
1,2-Dibromoethane
Concen: 56.168 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

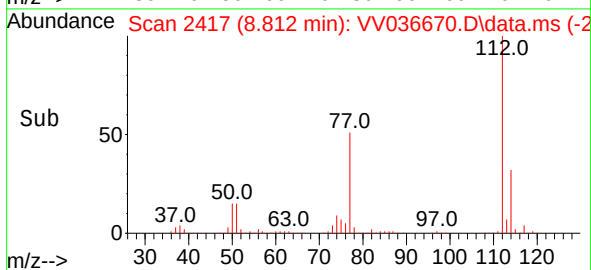
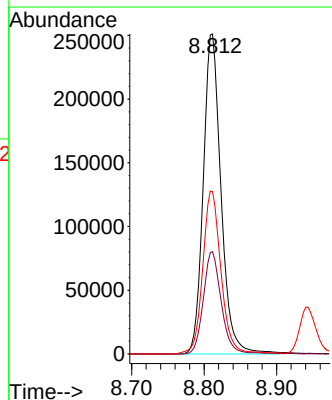
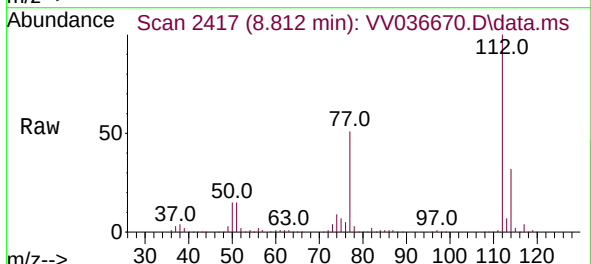
Instrument :
MSVOA_V
ClientSampleId :

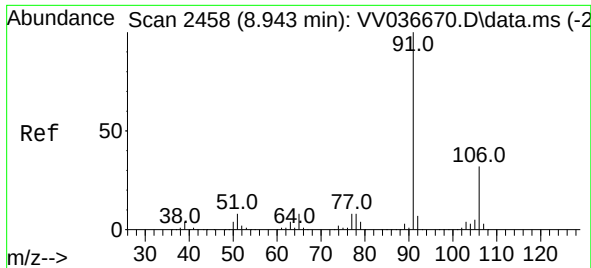
Tgt Ion:107 Resp: 181837
Ion Ratio Lower Upper
107 100
109 94.8 66.4 123.2
188 4.6 3.7 5.5



#51
Chlorobenzene
Concen: 53.500 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion:112 Resp: 427691
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 50.7 40.6 60.8

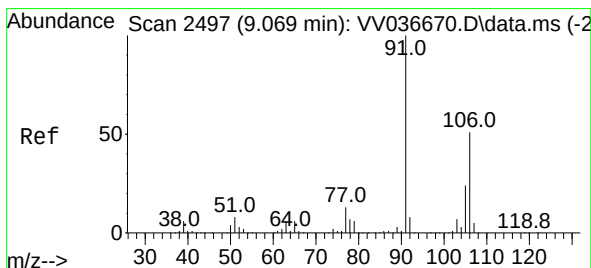
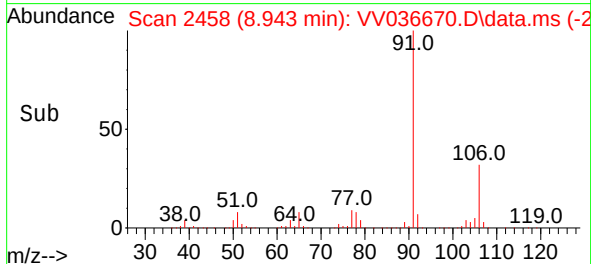
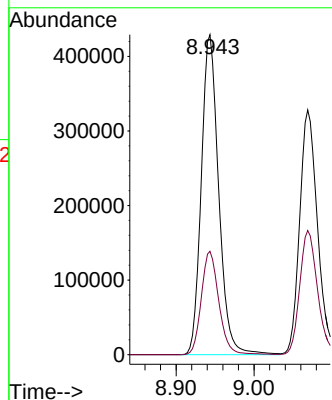
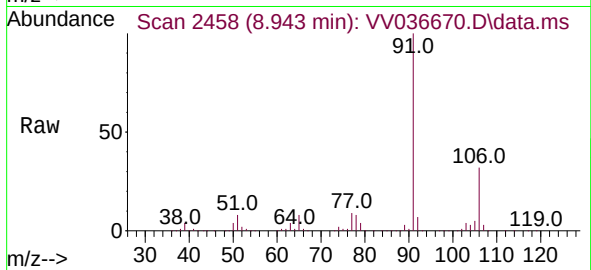




#52
Ethylbenzene
Concen: 54.281 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

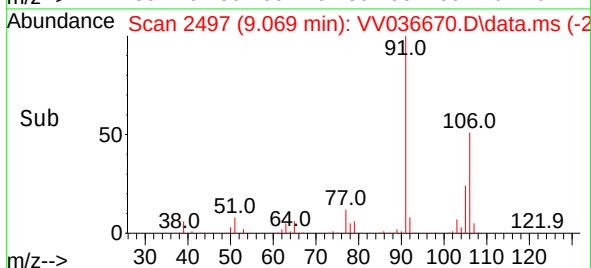
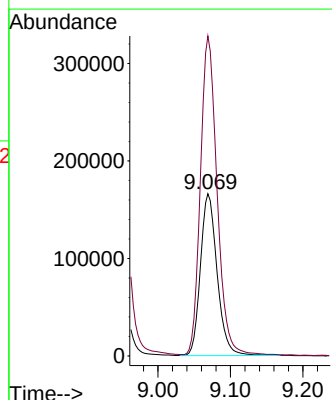
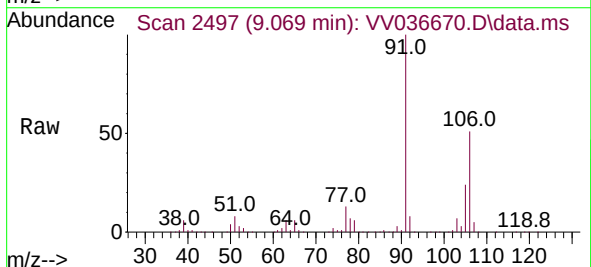
Instrument :
MSVOA_V
ClientSampleId :

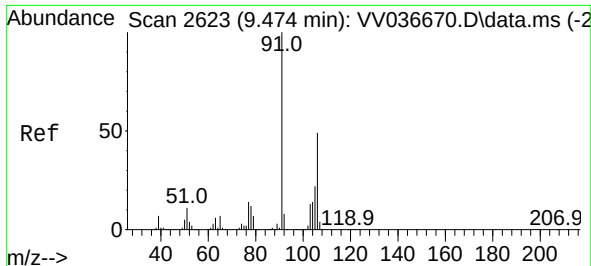
Tgt Ion: 91 Resp: 665494
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0



#53
m,p-Xylene
Concen: 56.670 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 106 Resp: 265404
Ion Ratio Lower Upper
106 100
91 197.2 138.0 256.4





#54

o-Xylene

Concen: 55.792 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

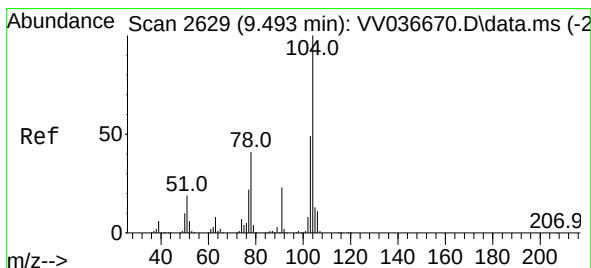
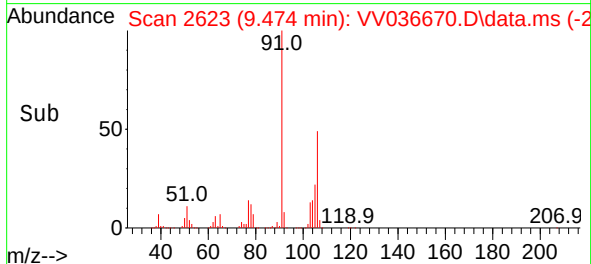
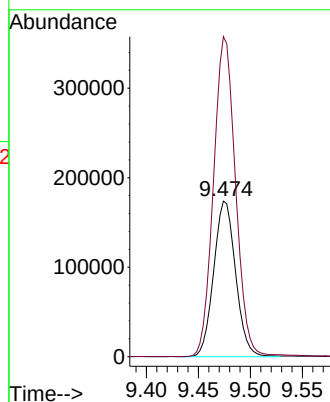
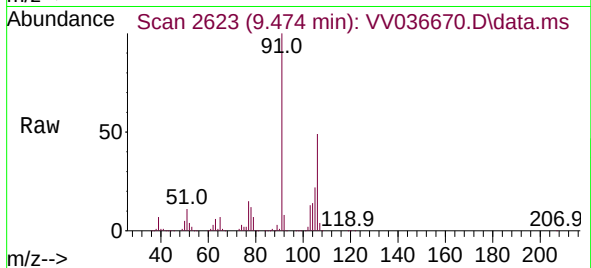
ClientSampleId :

Tgt Ion:106 Resp: 255188

Ion Ratio Lower Upper

106 100

91 205.7 144.0 267.4



#55

Styrene

Concen: 58.650 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036670.D

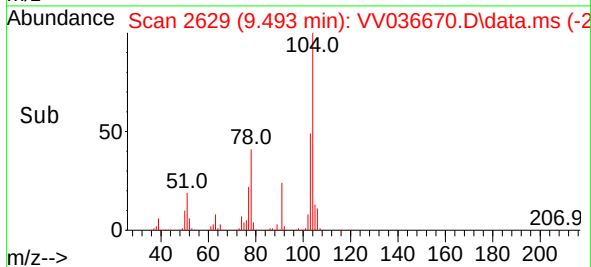
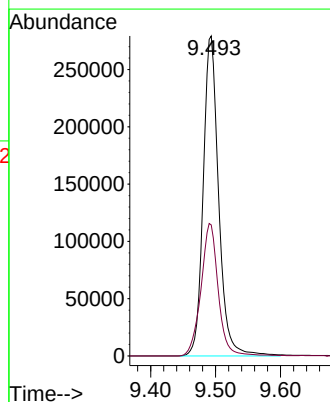
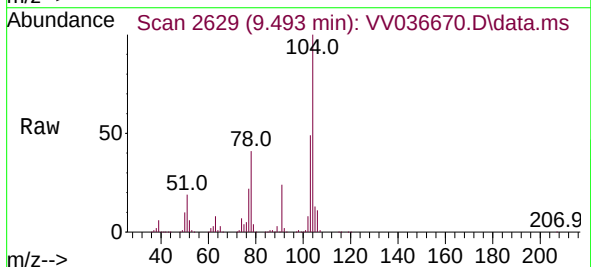
Acq: 24 Jul 2024 17:47

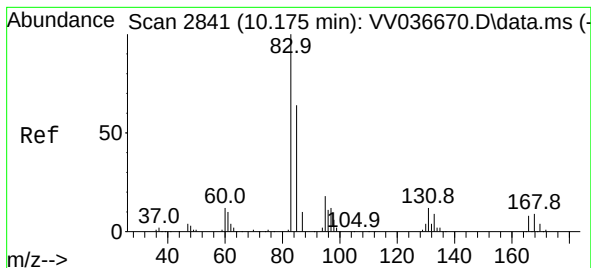
Tgt Ion:104 Resp: 462854

Ion Ratio Lower Upper

104 100

78 40.9 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 41.439 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

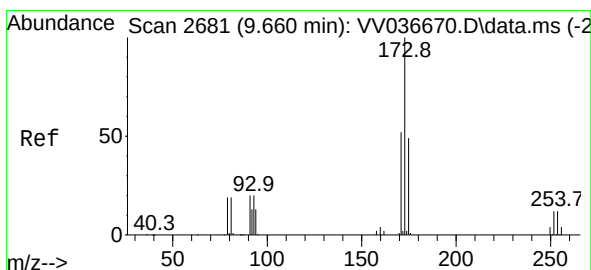
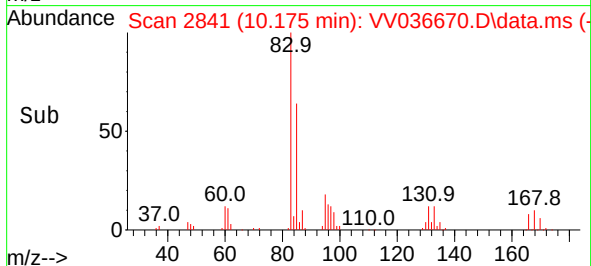
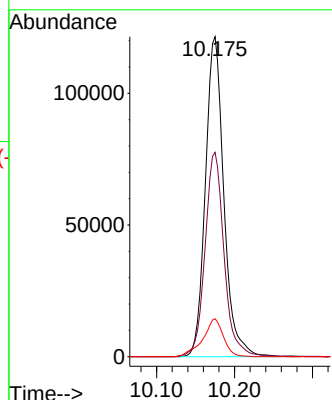
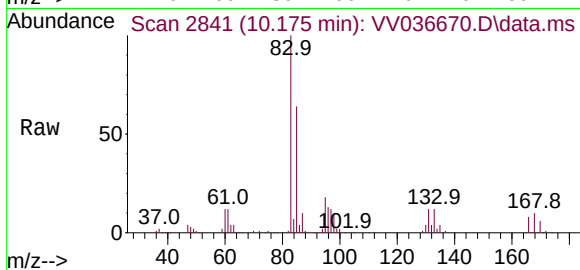
Tgt Ion: 83 Resp: 200257

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

131 11.8 9.4 14.2



#59

Bromoform

Concen: 53.703 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

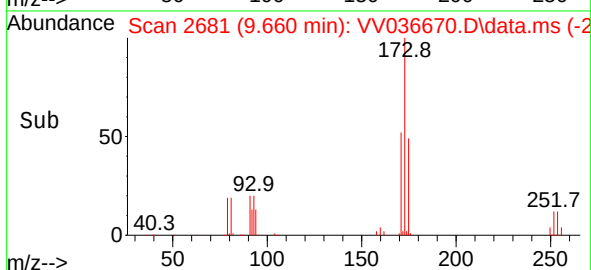
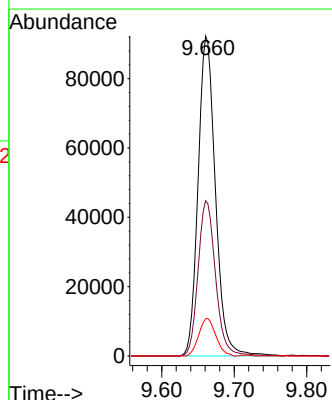
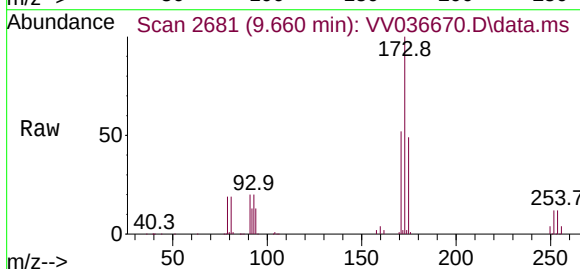
Tgt Ion:173 Resp: 153166

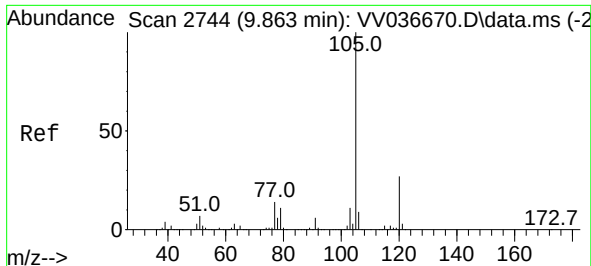
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 11.5 9.2 13.8

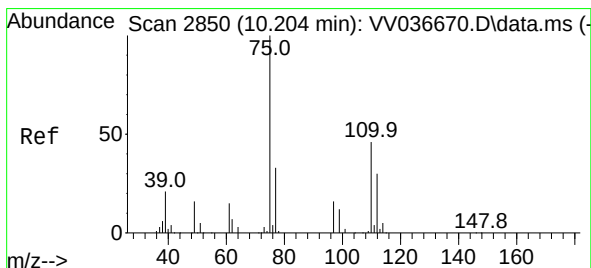
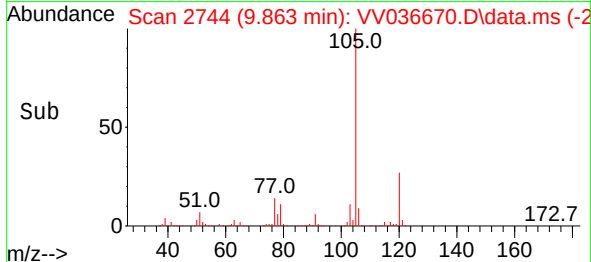
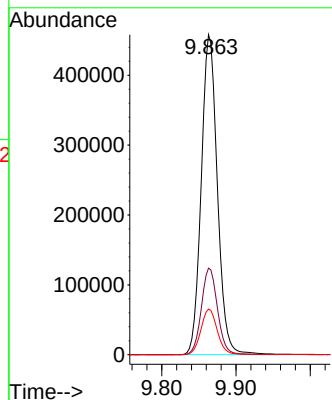
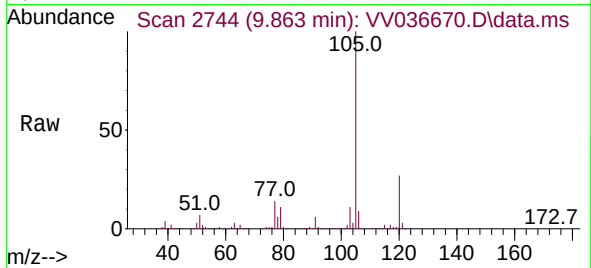




#60
Isopropylbenzene
Concen: 51.645 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

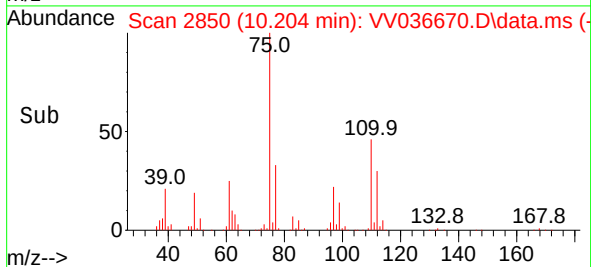
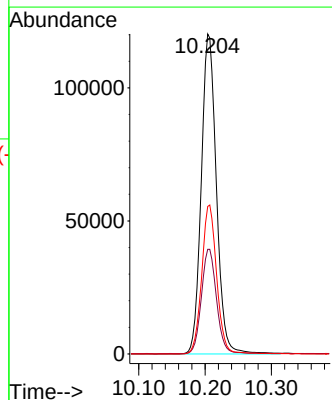
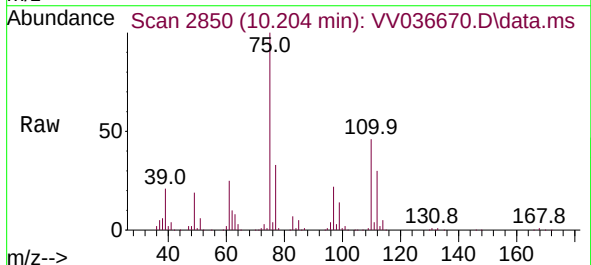
Instrument :
MSVOA_V
ClientSampleId :

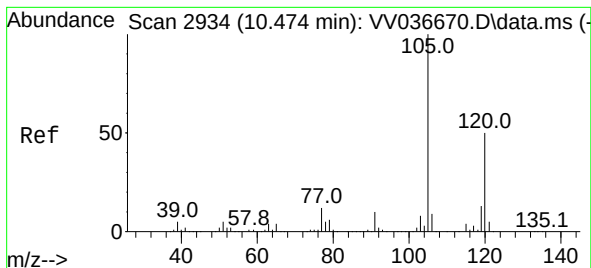
Tgt Ion:105 Resp: 691043
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5
77 14.4 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 44.442 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036670.D
Acq: 24 Jul 2024 17:47

Tgt Ion: 75 Resp: 190780
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 45.9 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 51.596 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

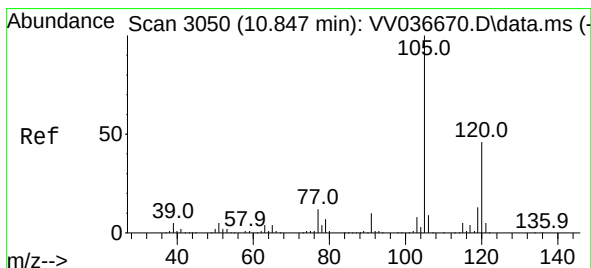
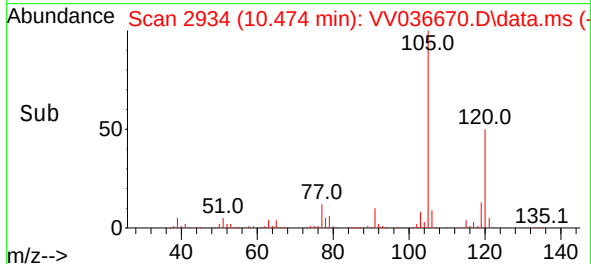
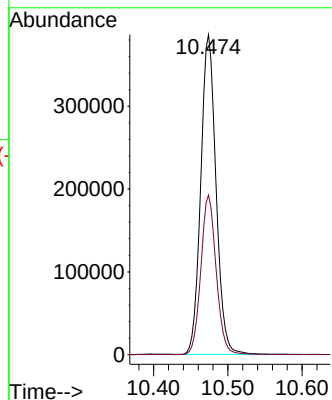
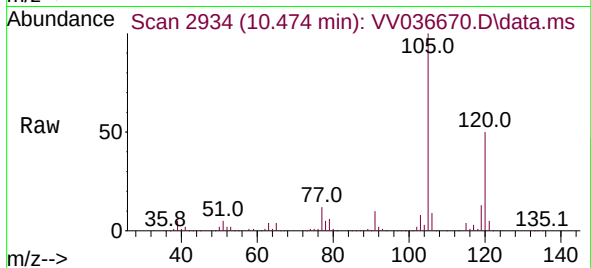
ClientSampleId :

Tgt Ion:105 Resp: 552710

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 53.397 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036670.D

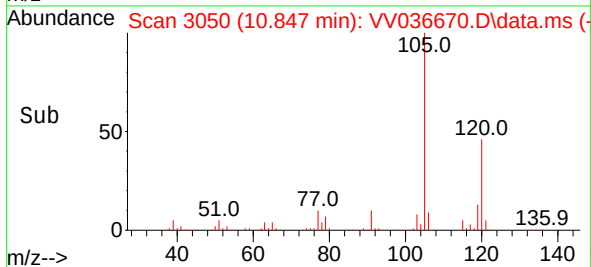
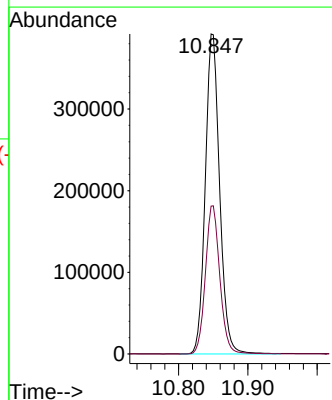
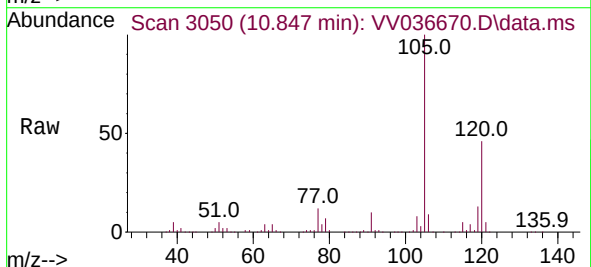
Acq: 24 Jul 2024 17:47

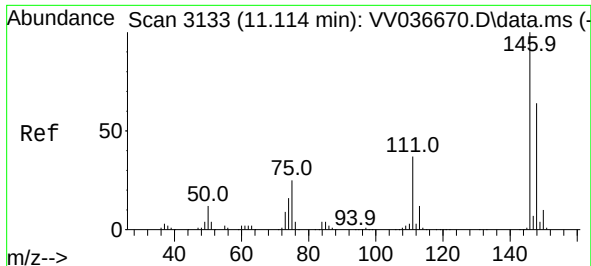
Tgt Ion:105 Resp: 561361

Ion Ratio Lower Upper

105 100

120 46.7 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 52.622 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

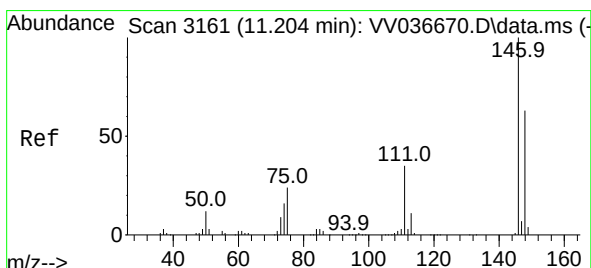
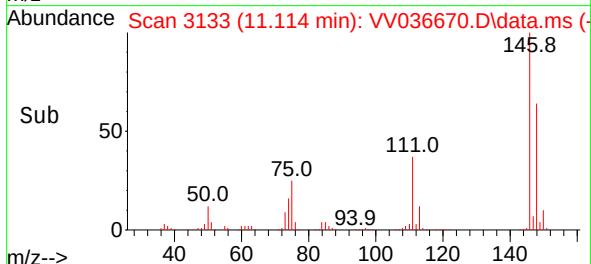
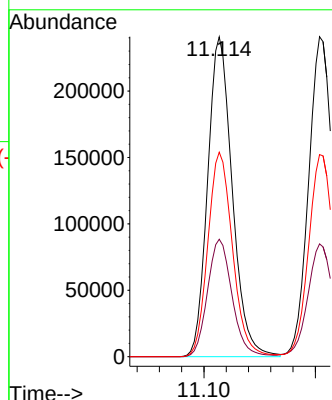
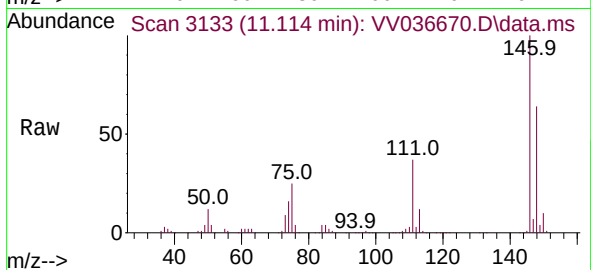
Tgt Ion:146 Resp: 369194

Ion Ratio Lower Upper

146 100

111 36.7 25.7 47.7

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 51.620 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

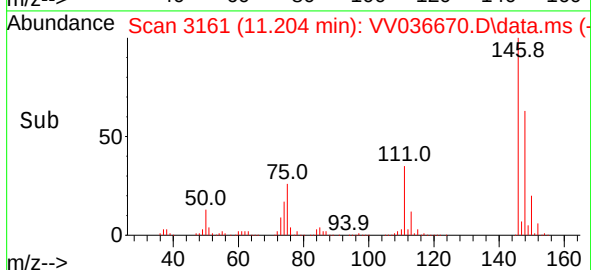
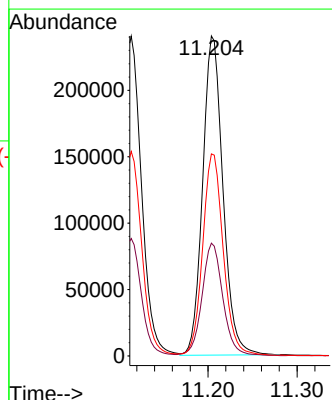
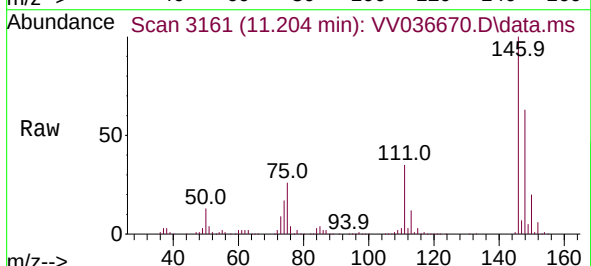
Tgt Ion:146 Resp: 380793

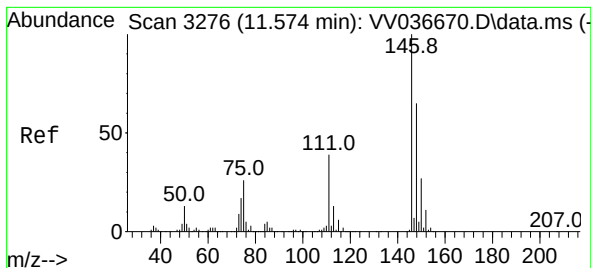
Ion Ratio Lower Upper

146 100

111 35.2 24.6 45.8

148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 52.620 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

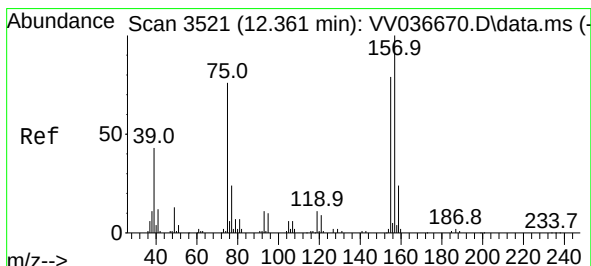
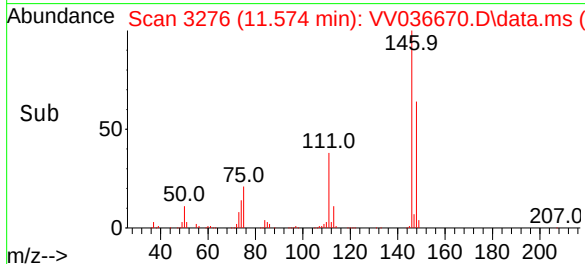
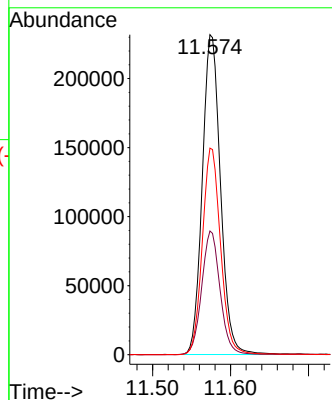
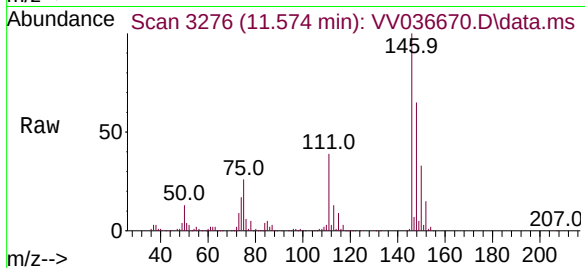
Tgt Ion:146 Resp: 376239

Ion Ratio Lower Upper

146 100

111 38.6 30.9 46.3

148 64.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 54.959 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

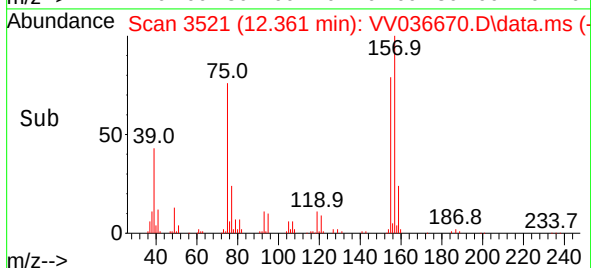
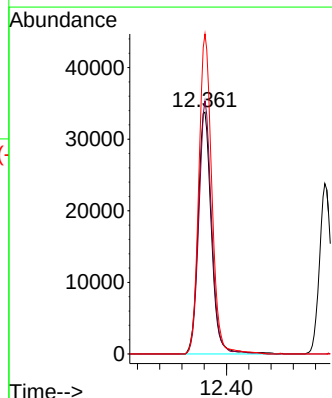
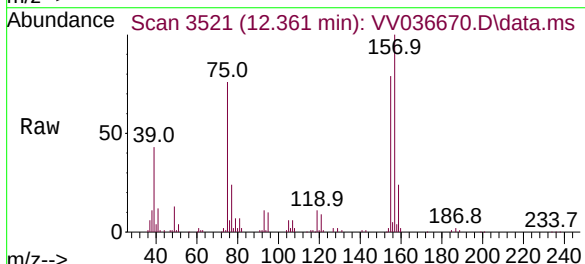
Tgt Ion: 75 Resp: 56177

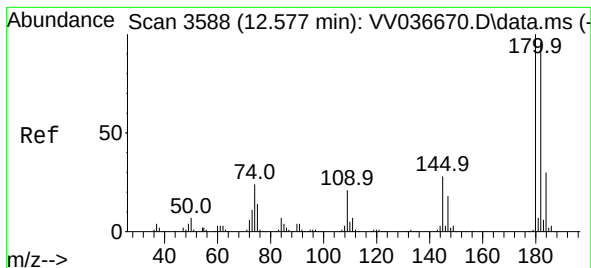
Ion Ratio Lower Upper

75 100

155 104.6 83.7 125.5

157 132.4 105.9 158.9





#69

1,3,5-Trichlorobenzene

Concen: 54.111 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

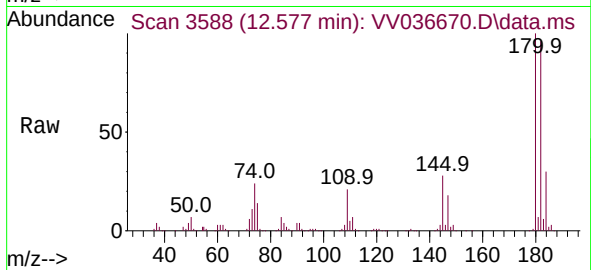
Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 271781

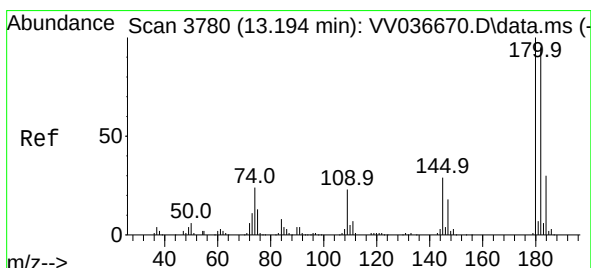
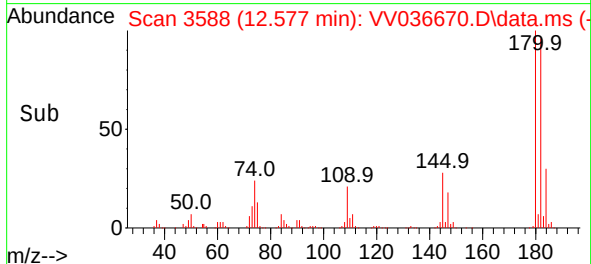
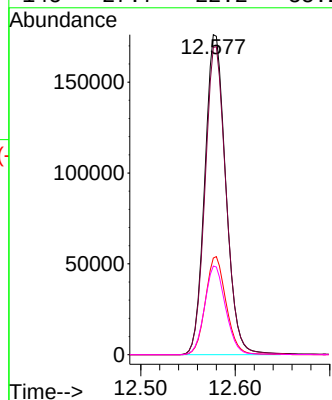
Ion Ratio Lower Upper

180 100

182 96.6 77.3 115.9

184 30.3 24.2 36.4

145 27.7 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 58.149 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

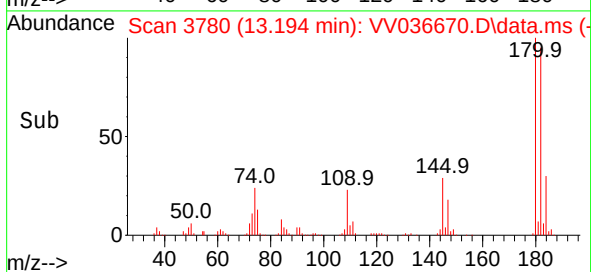
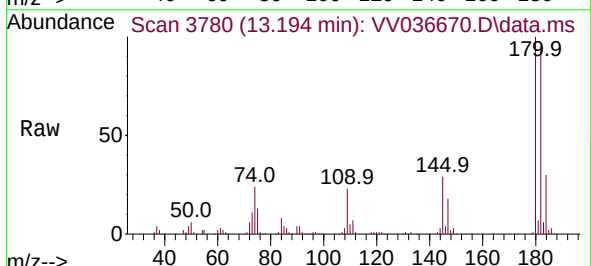
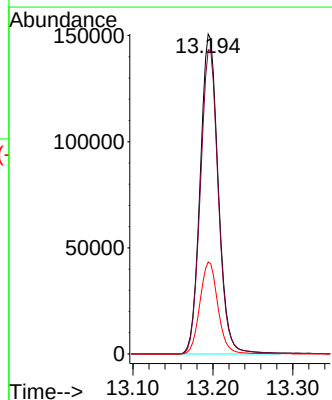
Tgt Ion:180 Resp: 237204

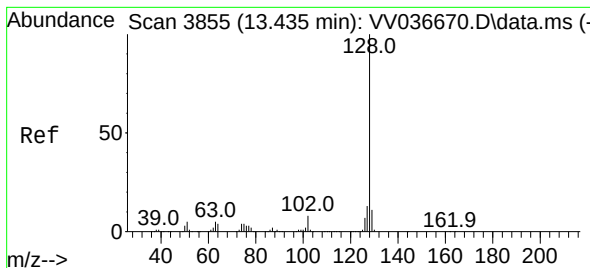
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 71.138 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

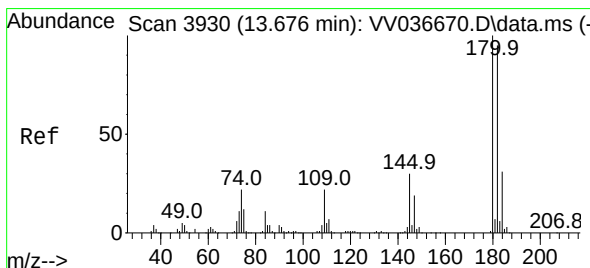
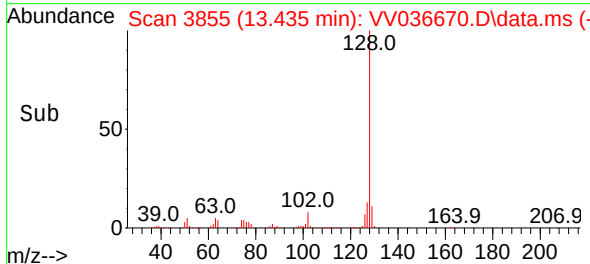
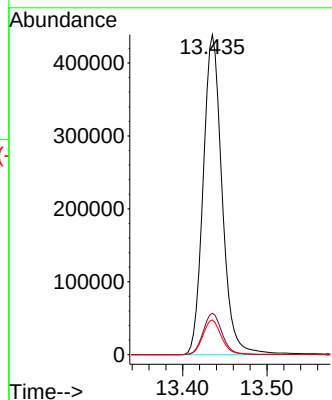
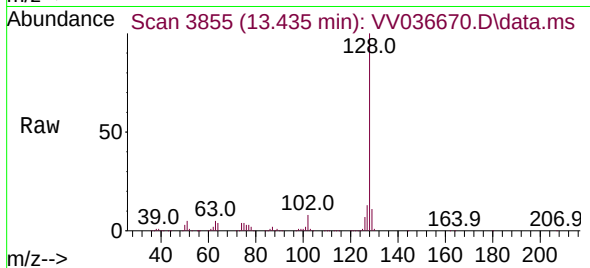
Tgt Ion:128 Resp: 684160

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 64.790 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036670.D

Acq: 24 Jul 2024 17:47

Tgt Ion:180 Resp: 264987

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 29.9 23.9 35.9

