

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031674.D
 Acq On : 11 Jul 2023 12:06
 Operator : SY/MD
 Sample : VSTD20043
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 12 07:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	349247	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	361958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	226892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	560186	227.764	ug/L	0.00
7) Chloroethane-d5	1.526	69	277744	131.103	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	245877	197.290	ug/L	0.00
21) 2-Butanone-d5	3.789	46	815545	431.670	ug/L	0.00
24) Chloroform-d	4.252	84	1189617	200.238	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	772280	210.612	ug/L	0.00
32) Benzene-d6	4.963	84	2277303	221.657	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	752682	208.399	ug/L	0.00
41) Toluene-d8	7.249	98	2147950	226.840	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	384842	220.754	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	685977	493.484	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	1127173	207.909	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	854992	199.343	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	856285	223.567	ug/L	99
3) Chloromethane	1.217	50	833468	229.848	ug/L	98
5) Vinyl chloride	1.285	62	766691	214.172	ug/L	99
6) Bromomethane	1.484	94	348475	151.659	ug/L	99
8) Chloroethane	1.545	64	350744	152.801	ug/L	98
9) Trichlorofluoromethane	1.709	101	1123473	191.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	627776	196.742	ug/L	100
12) 1,1-Dichloroethene	2.069	96	557754	208.722	ug/L	96
13) Acetone	2.117	43	607577	325.523	ug/L	99
14) Carbon disulfide	2.240	76	1840092	225.622	ug/L	100
15) Methyl Acetate	2.375	43	765843	241.307	ug/L	97
16) Methylene chloride	2.449	84	664551	201.069	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	643363	234.235	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	2160601	240.564	ug/L	99
19) 1,1-Dichloroethane	3.114	63	1284799	218.506	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	678866	231.040	ug/L	96
22) 2-Butanone	3.870	43	1005649	425.646	ug/L	96
23) Bromochloromethane	4.150	128	350587	217.418	ug/L	99
25) Chloroform	4.281	83	1256232	205.350	ug/L	99
27) 1,2-Dichloroethane	5.043	62	1021785	217.927	ug/L	99
29) Cyclohexane	4.590	56	1181422	251.838	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	1157198	200.257	ug/L	99
31) Carbon tetrachloride	4.741	117	1031099	201.468	ug/L	98
33) Benzene	5.014	78	2686495	222.899	ug/L	100
34) Trichloroethene	5.838	95	758633	232.633	ug/L	98
35) Methylcyclohexane	6.056	83	1158025	245.517	ug/L	97
37) 1,2-Dichloropropane	6.098	63	775612	220.470	ug/L	98
38) Bromodichloromethane	6.436	83	1019450	213.004	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	1257972	242.016	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	2155860	522.537	ug/L	99
42) Toluene	7.320	91	2891665	230.742	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	1208397	238.020	ug/L	100

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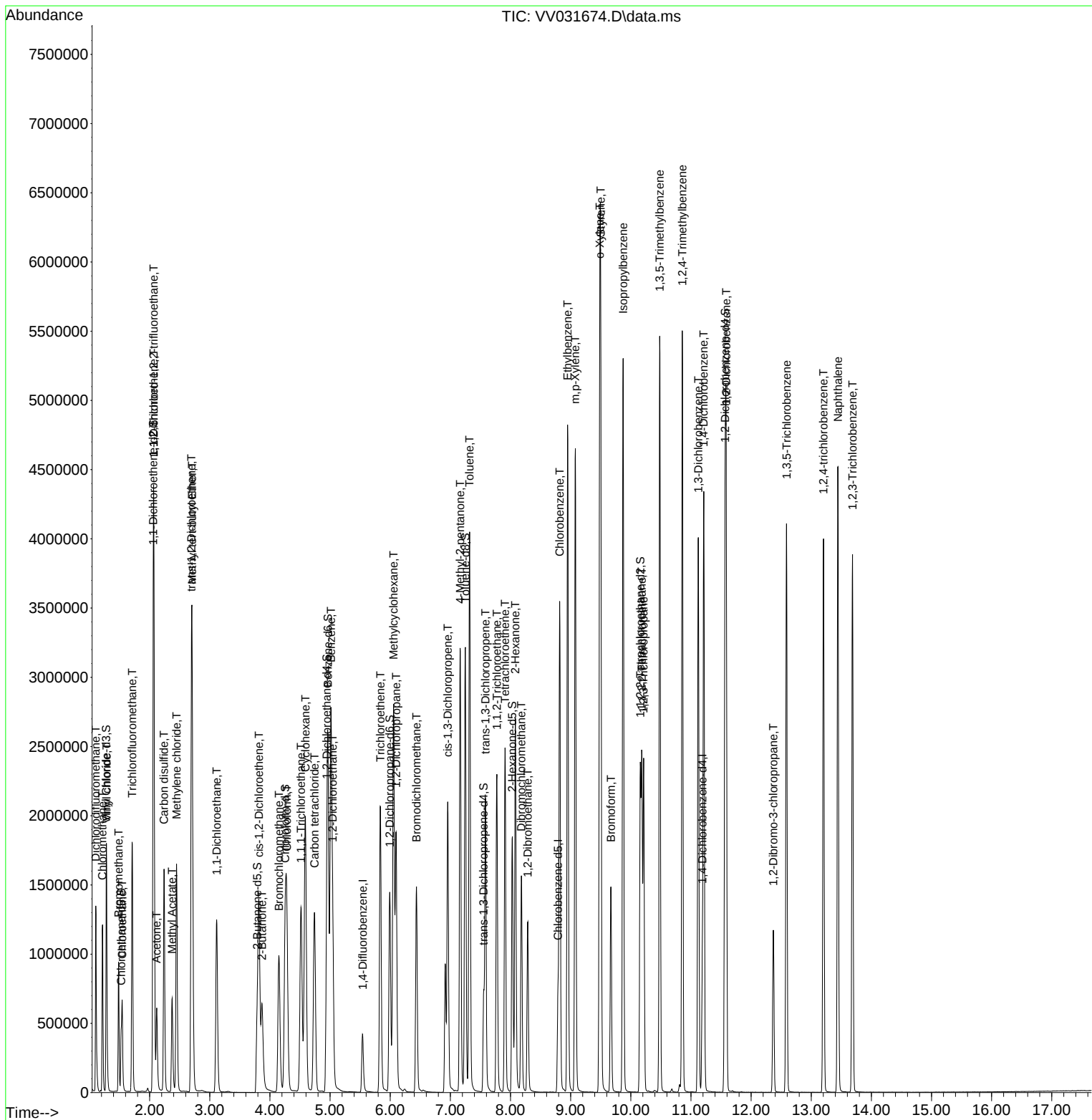
Instrument :
 MSVOA_V
 ClientSampleId :

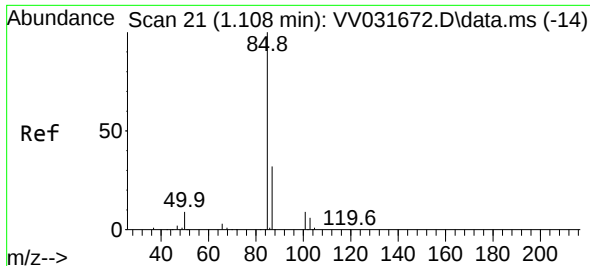
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	707933	211.066	ug/L	98
46) Tetrachloroethene	7.908	164	544780	214.072	ug/L	97
48) 2-Hexanone	8.082	43	1685467	504.003	ug/L	99
49) Dibromochloromethane	8.182	129	809807	216.696	ug/L	98
50) 1,2-Dibromoethane	8.288	107	800517	223.439	ug/L	99
51) Chlorobenzene	8.818	112	1800016	217.323	ug/L	100
52) Ethylbenzene	8.950	91	3322294	239.817	ug/L	99
53) m,p-Xylene	9.079	106	1230973	240.495	ug/L	96
54) o-Xylene	9.484	106	1178070	244.662	ug/L	94
55) Styrene	9.500	104	2106771	241.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	1175906	217.637	ug/L #	96
59) Bromoform	9.670	173	643155	226.717	ug/L #	98
60) Isopropylbenzene	9.873	105	3251536	227.589	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	968140	215.163	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	2810455	239.072	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	2833891	254.263	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	1538213	212.231	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	1590373	205.391	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	1547065	210.907	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	307336	227.824	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	1184062	214.482	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	1105606	229.425	ug/L	100
71) Naphthalene	13.445	128	3329540	268.677	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	1099384	219.664	ug/L	100

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

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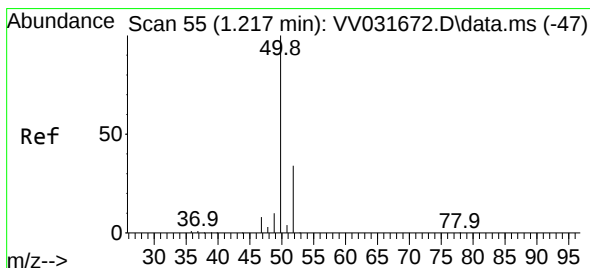
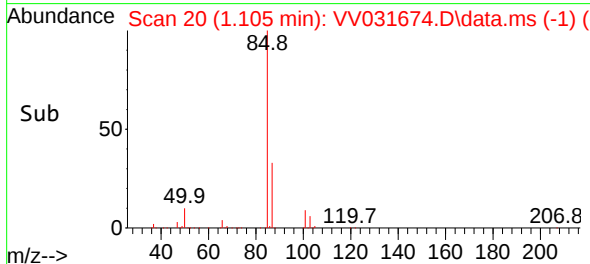
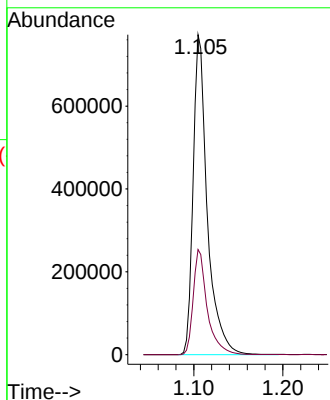
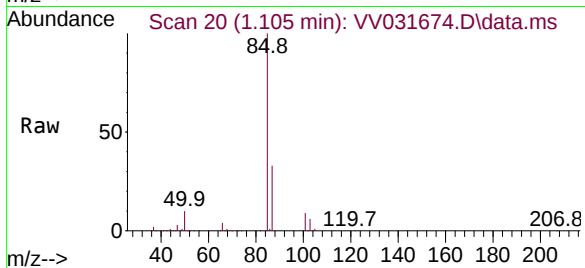




#2
 Dichlorodifluoromethane
 Concen: 223.567 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV031674.D
 Acq: 11 Jul 2023 12:06

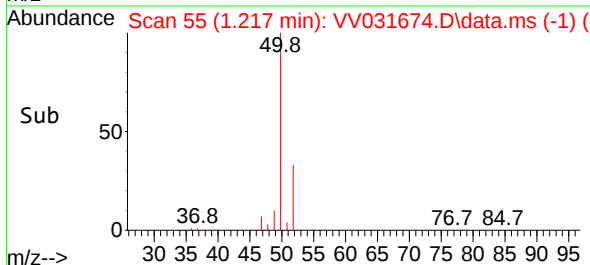
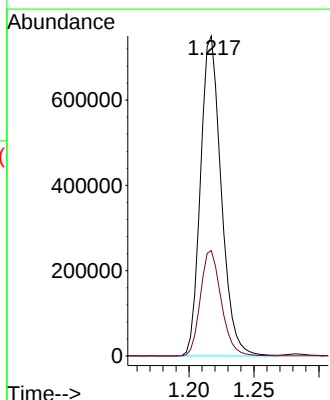
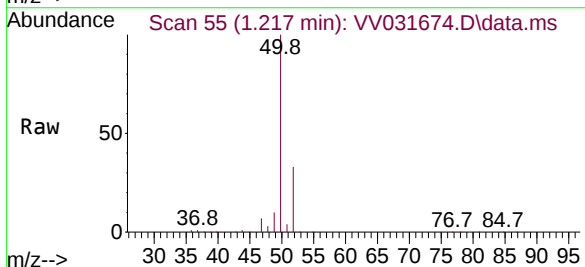
Instrument :
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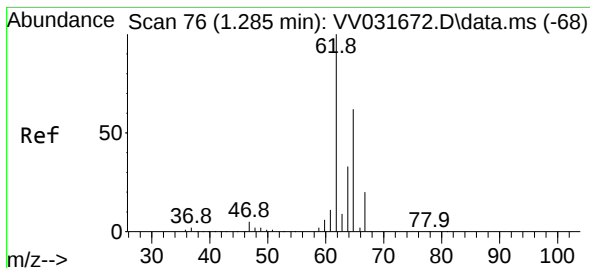
Tgt Ion: 85 Resp: 856285
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 229.848 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031674.D
 Acq: 11 Jul 2023 12:06

Tgt Ion: 50 Resp: 833468
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1





#5

Vinyl chloride

Concen: 214.172 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

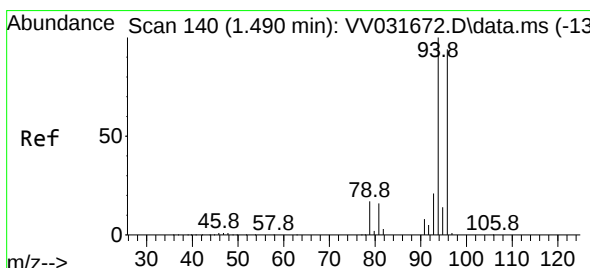
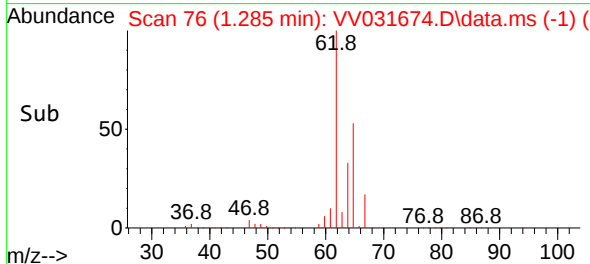
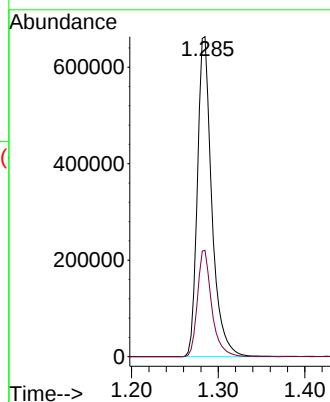
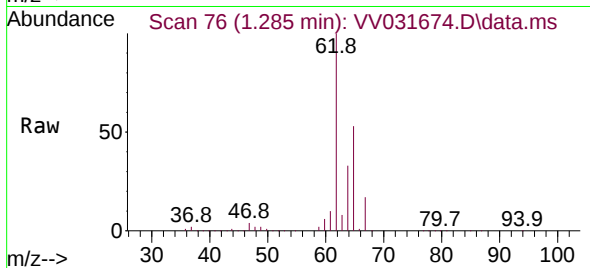
ClientSampleId :

Tgt Ion: 62 Resp: 766691

Ion Ratio Lower Upper

62 100

64 33.3 22.9 42.5



#6

Bromomethane

Concen: 151.659 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.006 min

Lab File: VV031674.D

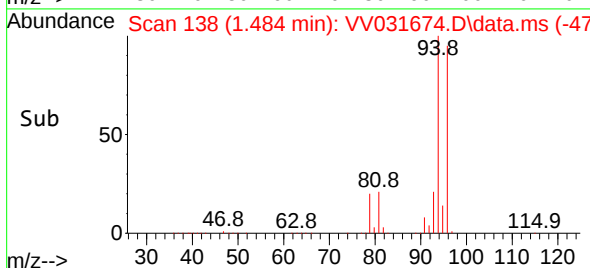
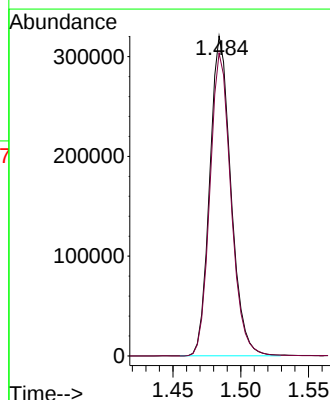
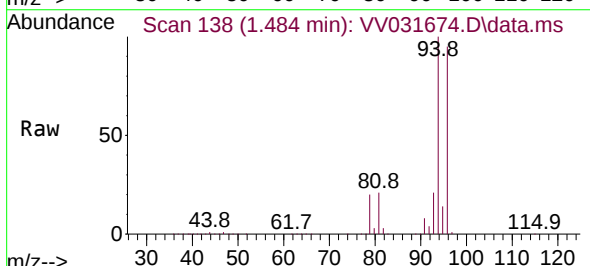
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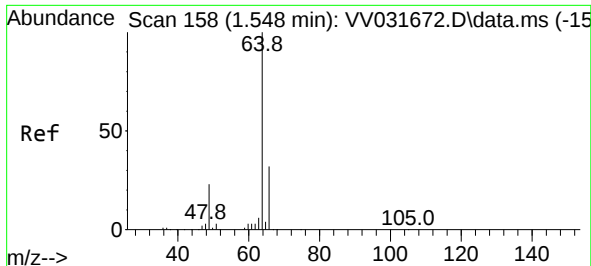
Tgt Ion: 94 Resp: 348475

Ion Ratio Lower Upper

94 100

96 94.7 65.7 121.9

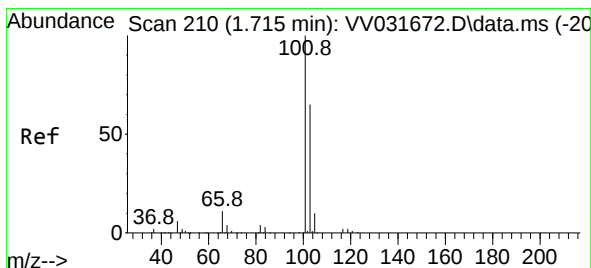
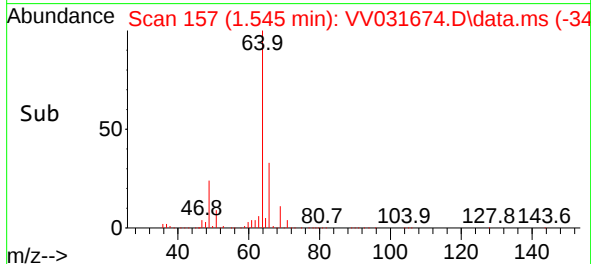
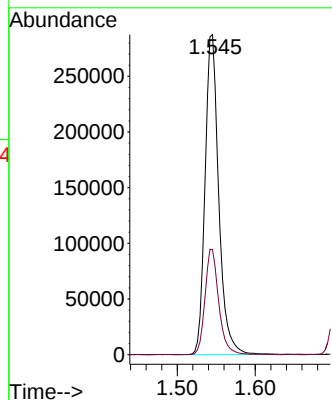
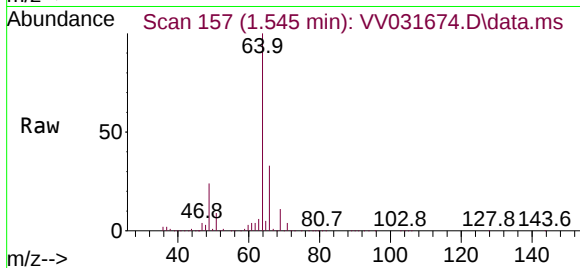




#8
Chloroethane
Concen: 152.801 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

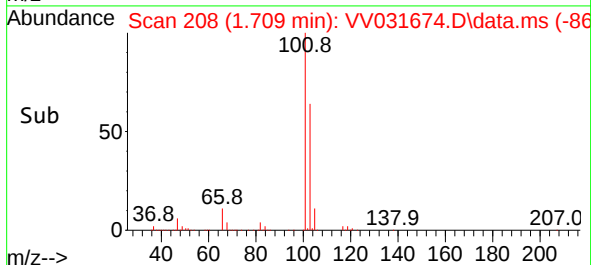
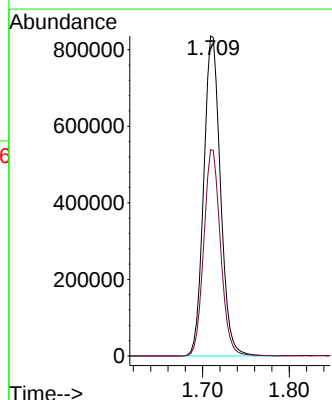
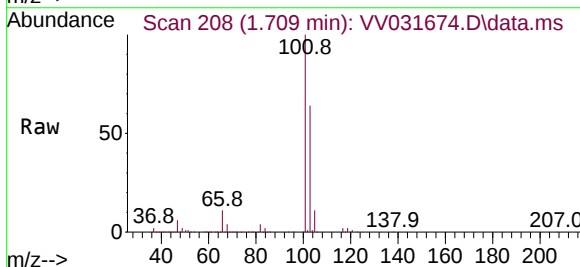
Instrument :
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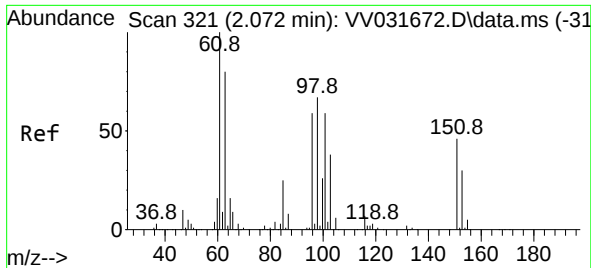
Tgt Ion: 64 Resp: 350744
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 191.382 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.006 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion:101 Resp: 1123473
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

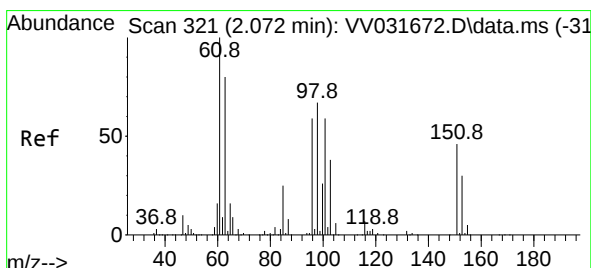
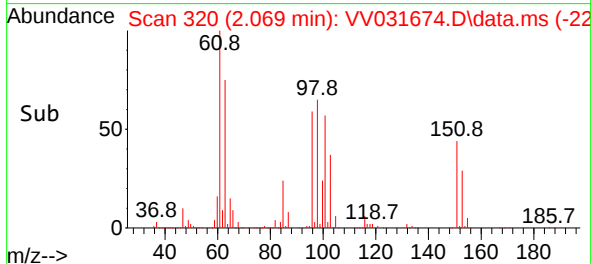
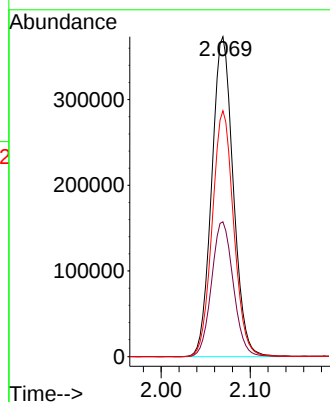
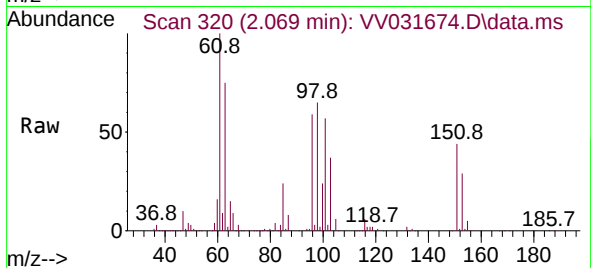




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 196.742 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV031674.D
 Acq: 11 Jul 2023 12:06

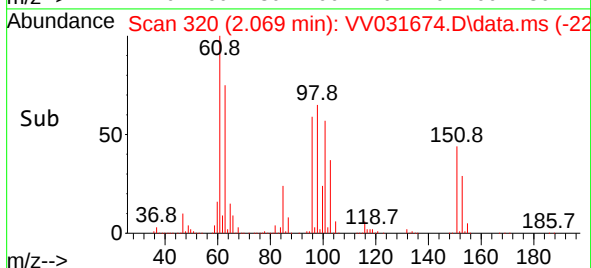
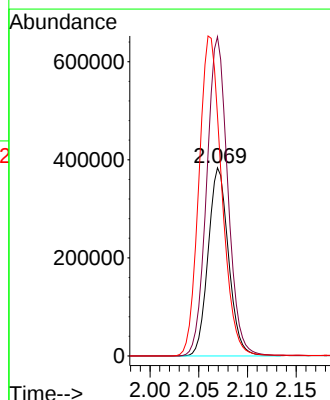
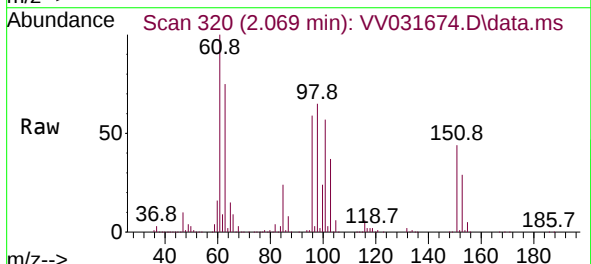
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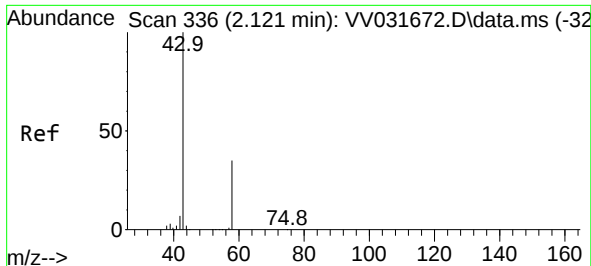
Tgt Ion:101 Resp: 627776
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.9 50.9
 151 76.7 61.0 91.6



#12
 1,1-Dichloroethene
 Concen: 208.722 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV031674.D
 Acq: 11 Jul 2023 12:06

Tgt Ion: 96 Resp: 557754
 Ion Ratio Lower Upper
 96 100
 61 169.7 118.3 219.7
 63 127.8 96.8 179.8





#13

Acetone

Concen: 325.523 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

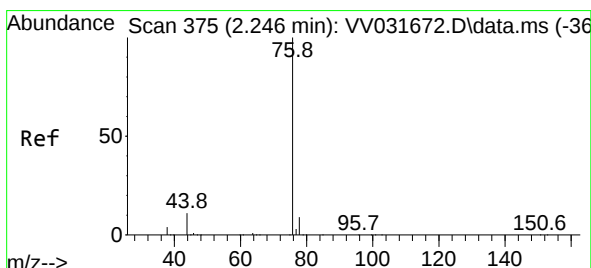
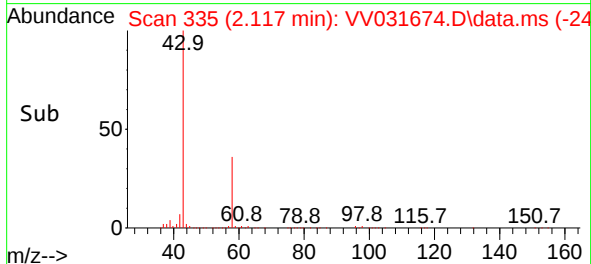
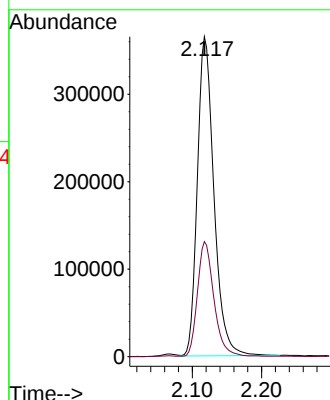
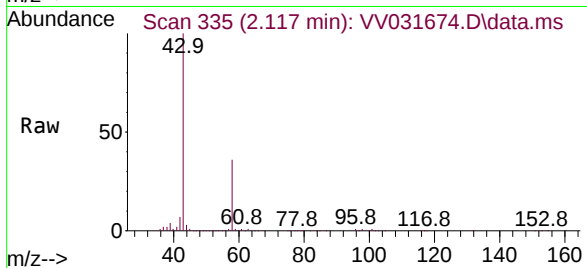
ClientSampleId :

Tgt Ion: 43 Resp: 607577

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.0



#14

Carbon disulfide

Concen: 225.622 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.006 min

Lab File: VV031674.D

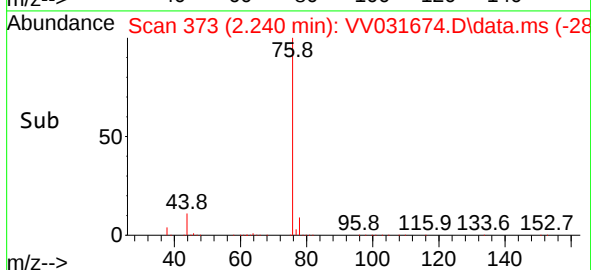
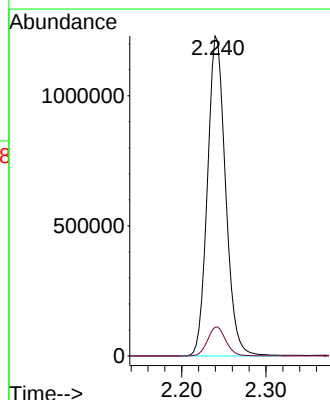
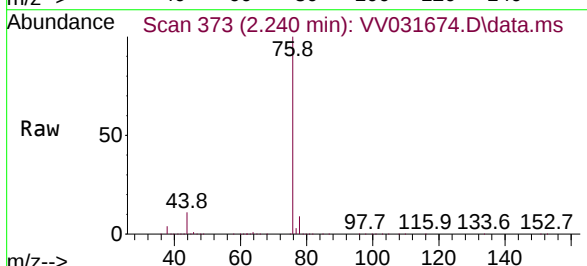
Acq: 11 Jul 2023 12:06

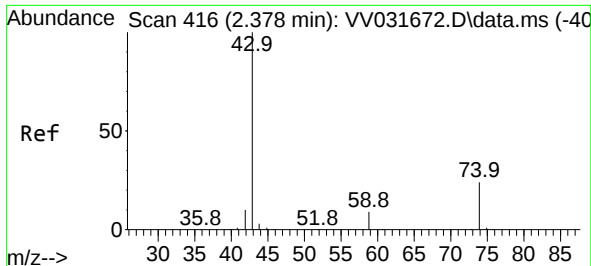
Tgt Ion: 76 Resp: 1840092

Ion Ratio Lower Upper

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78 9.0 7.4 11.0

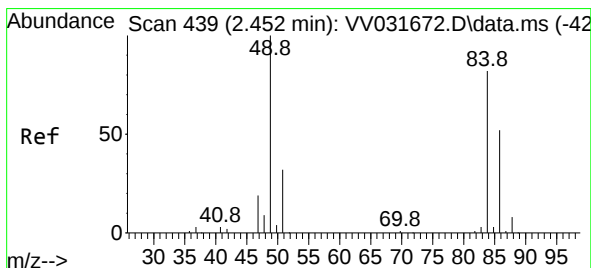
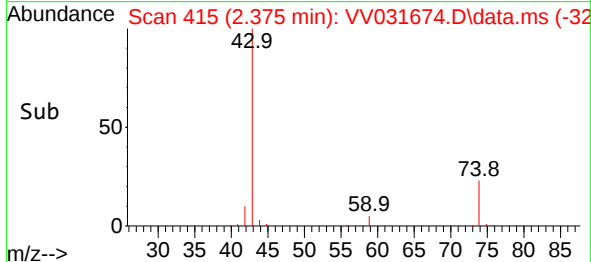
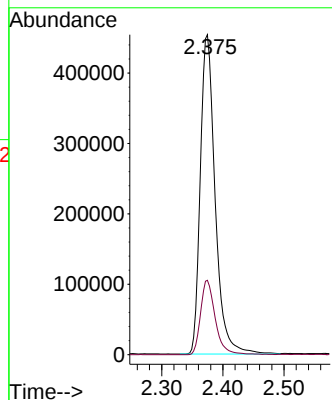
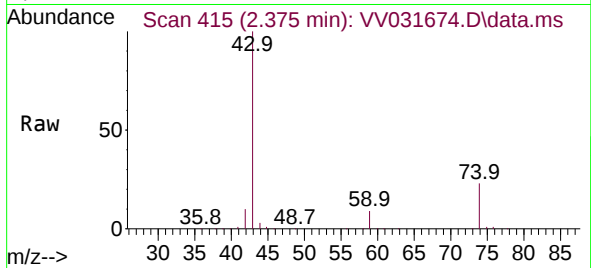




#15
Methyl Acetate
Concen: 241.307 ug/L
RT: 2.375 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

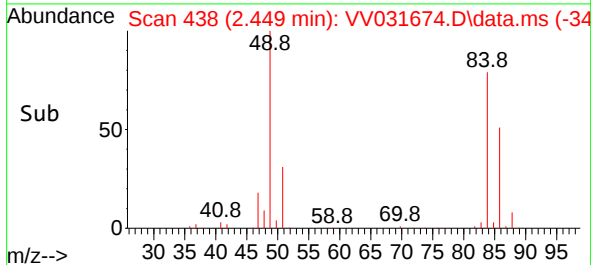
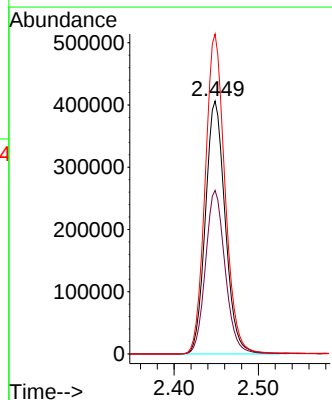
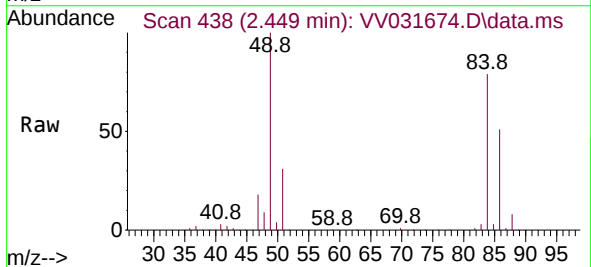
Instrument :
MSVOA_V
ClientSampleId :

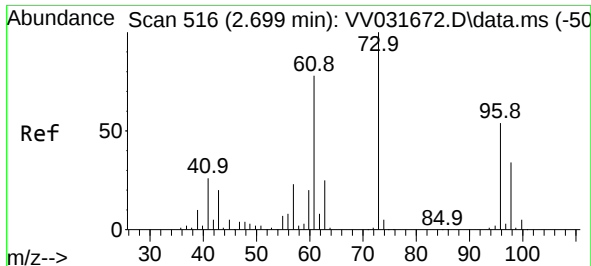
Tgt Ion: 43 Resp: 765843
Ion Ratio Lower Upper
43 100
74 22.9 19.5 29.3



#16
Methylene chloride
Concen: 201.069 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion: 84 Resp: 664551
Ion Ratio Lower Upper
84 100
86 64.7 44.5 82.7
49 126.5 85.3 158.5





#17

trans-1,2-Dichloroethene

Concen: 234.235 ug/L

RT: 2.696 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

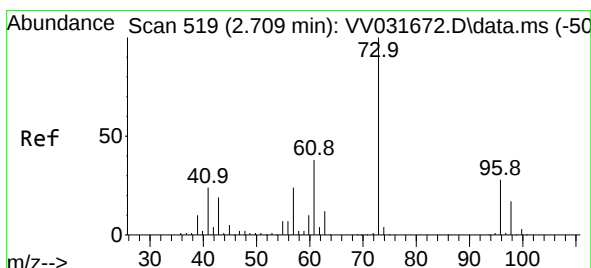
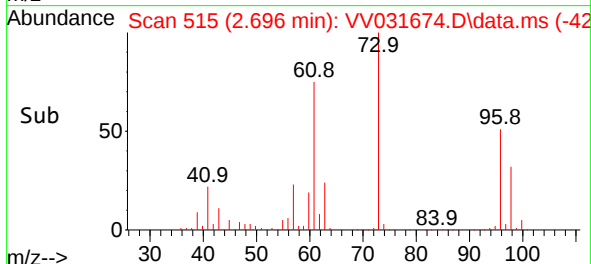
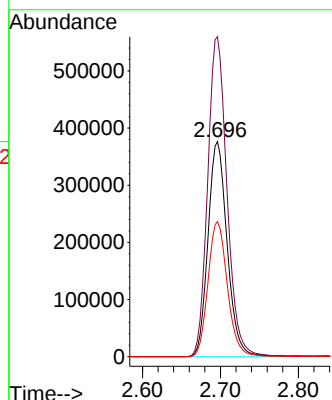
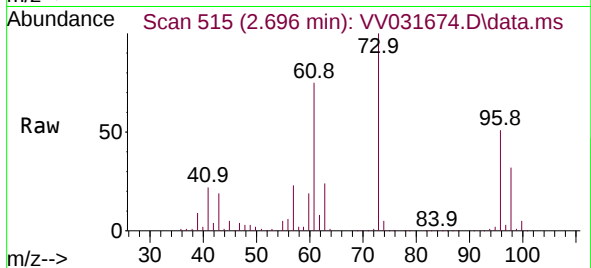
Tgt Ion: 96 Resp: 643363

Ion Ratio Lower Upper

96 100

61 148.7 101.6 188.6

98 62.7 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 240.564 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

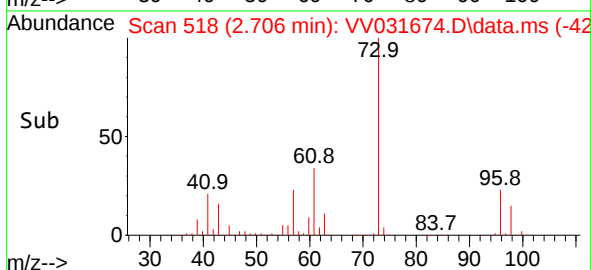
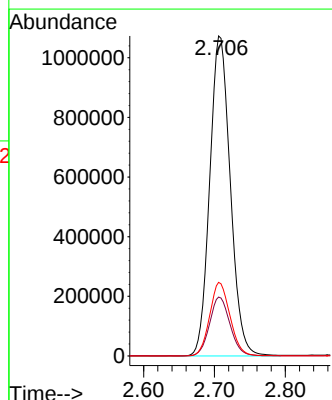
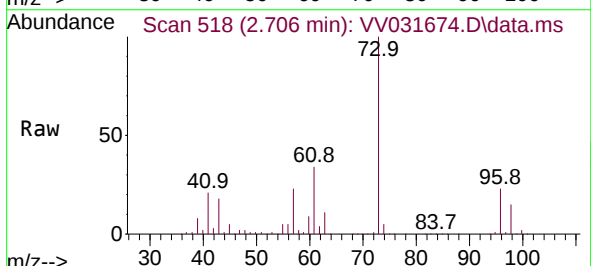
Tgt Ion: 73 Resp: 2160601

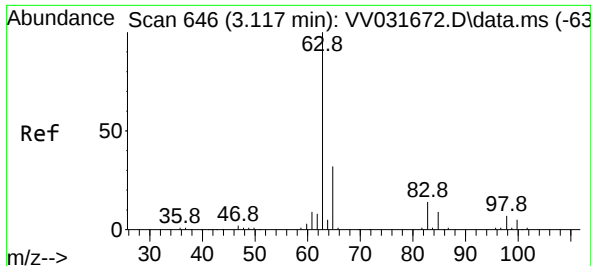
Ion Ratio Lower Upper

73 100

43 18.2 15.0 22.4

57 22.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 218.506 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

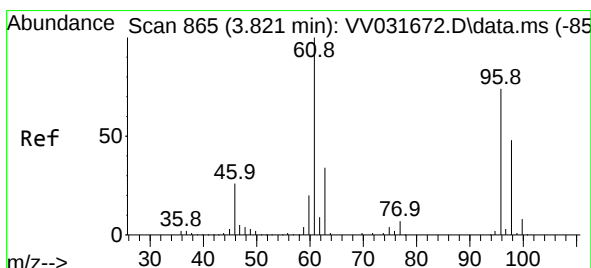
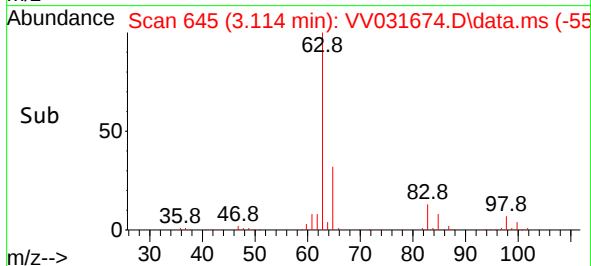
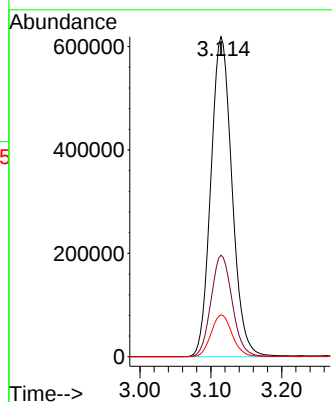
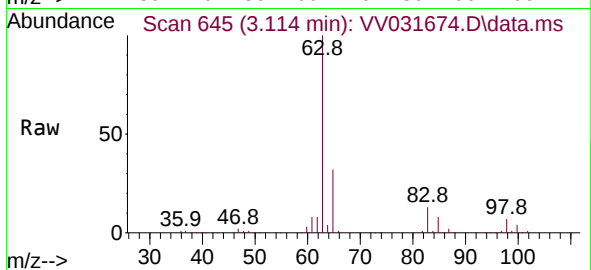
Tgt Ion: 63 Resp: 1284799

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 13.0 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 231.040 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

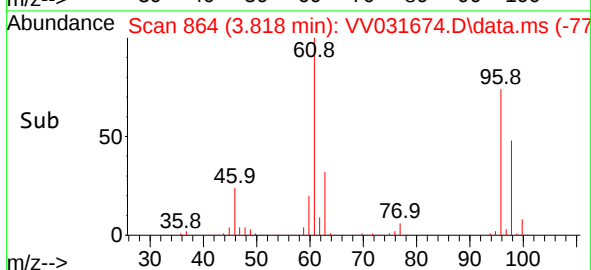
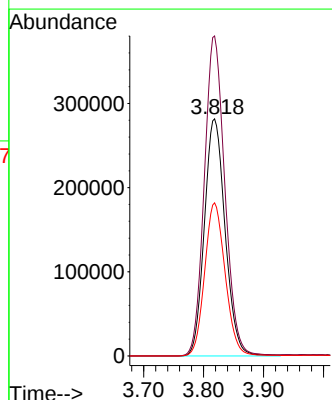
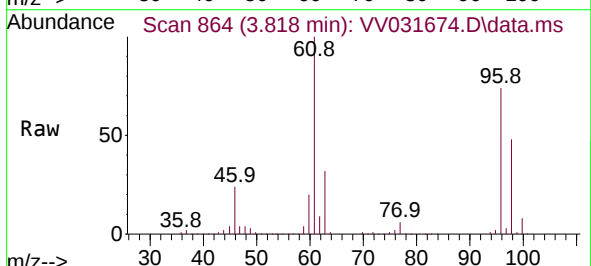
Tgt Ion: 96 Resp: 678866

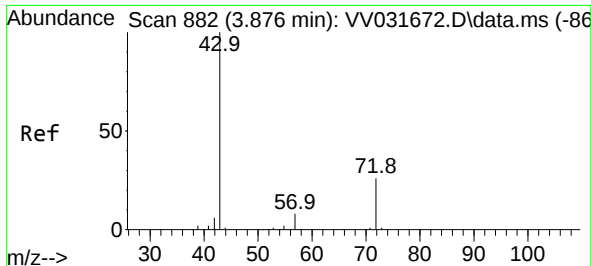
Ion Ratio Lower Upper

96 100

61 135.0 90.6 168.2

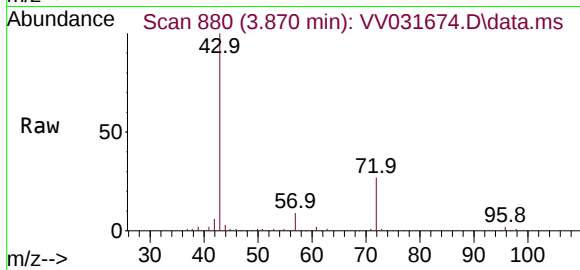
98 64.6 43.8 81.3



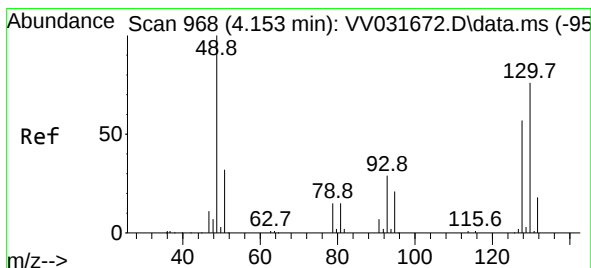
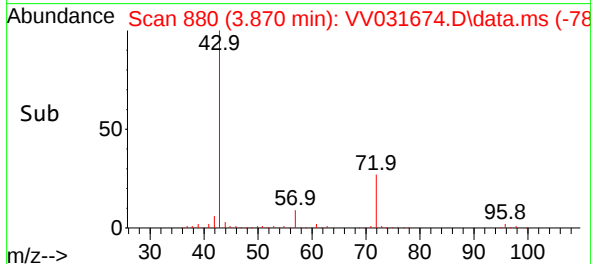
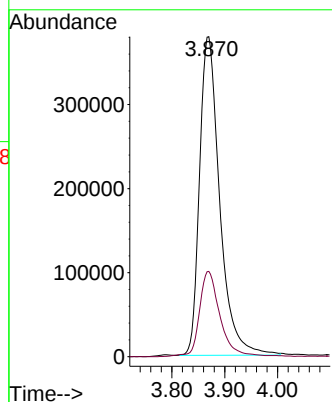


#22
2-Butanone
Concen: 425.646 ug/L
RT: 3.870 min Scan# 882
Delta R.T. -0.006 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Instrument :
MSVOA_V
ClientSampleId :

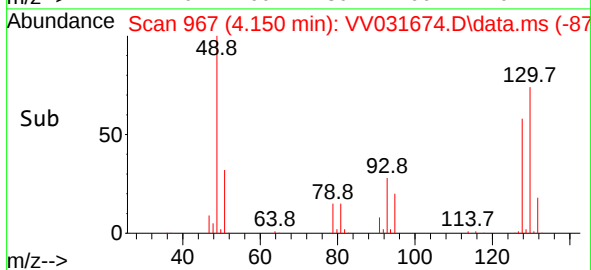
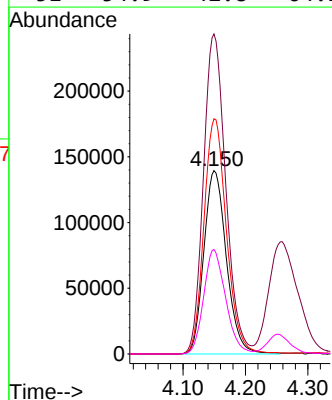
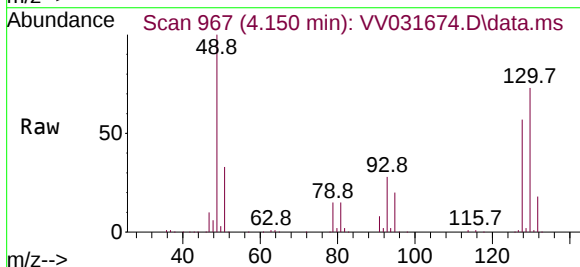


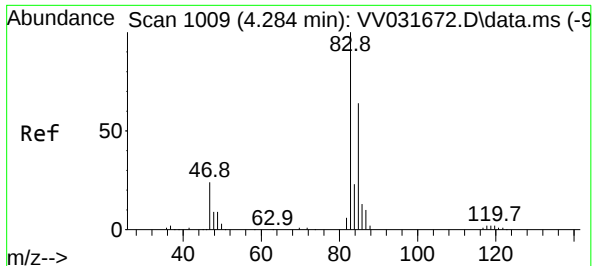
Tgt Ion: 43 Resp: 1005649
Ion Ratio Lower Upper
43 100
72 27.3 12.7 38.0



#23
Bromochloromethane
Concen: 217.418 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion:128 Resp: 350587
Ion Ratio Lower Upper
128 100
49 168.2 117.9 218.9
130 125.7 89.1 165.5
51 54.9 42.8 64.2





#25

Chloroform

Concen: 205.350 ug/L

RT: 4.281 min Scan# 1009

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

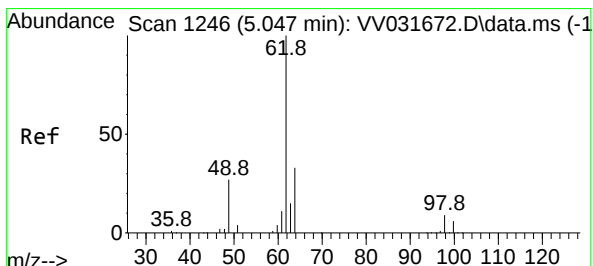
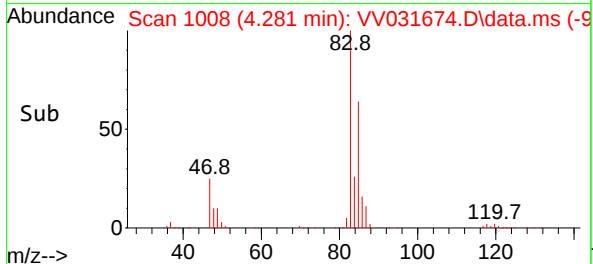
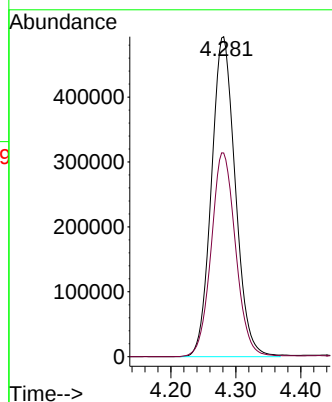
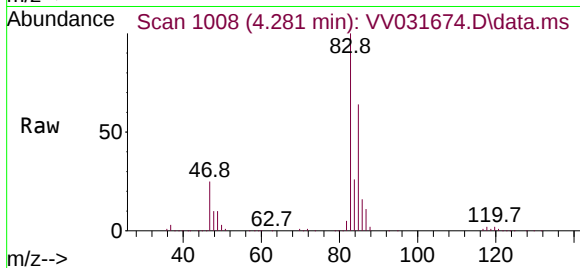
ClientSampleId :

Tgt Ion: 83 Resp: 1256232

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 217.927 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV031674.D

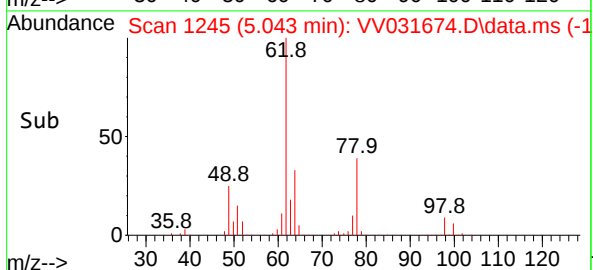
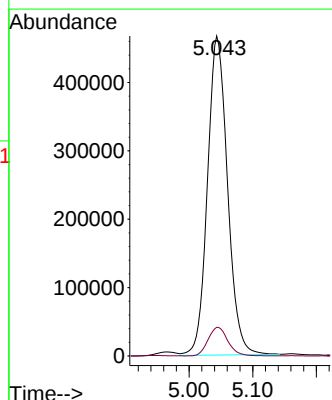
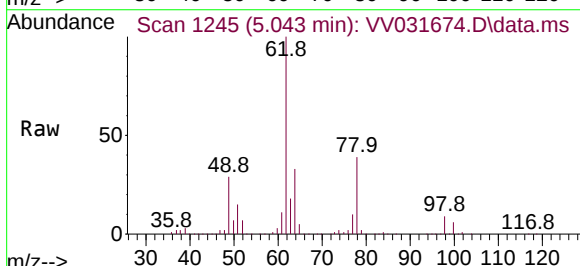
Acq: 11 Jul 2023 12:06

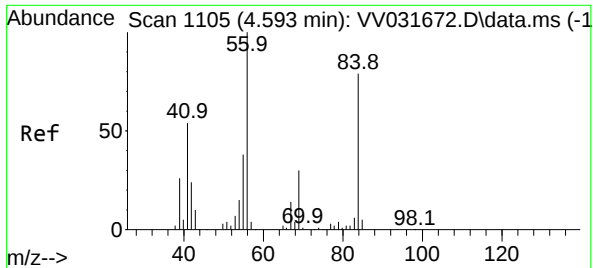
Tgt Ion: 62 Resp: 1021785

Ion Ratio Lower Upper

62 100

98 8.9 7.5 11.3



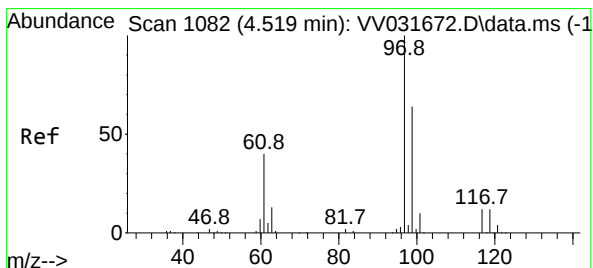
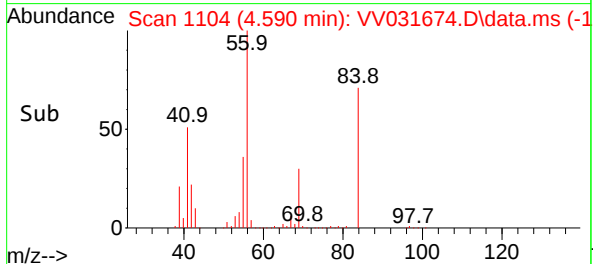
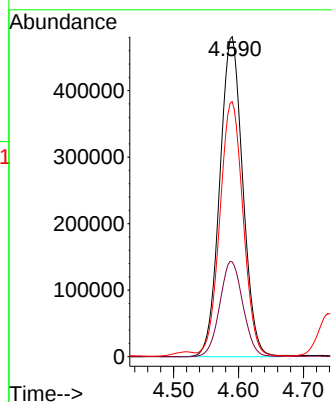
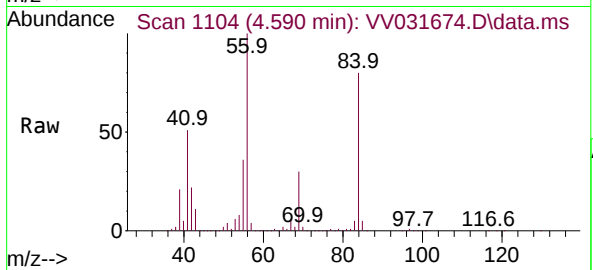


#29
Cyclohexane
Concen: 251.838 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 1181422

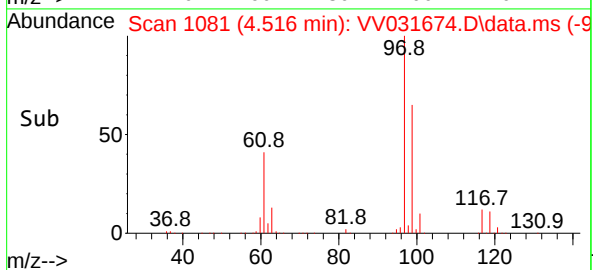
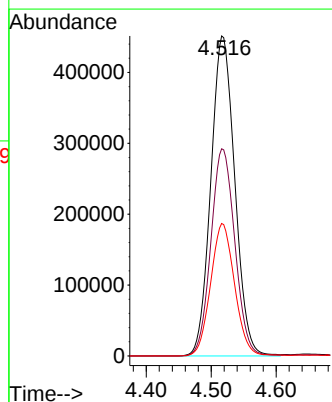
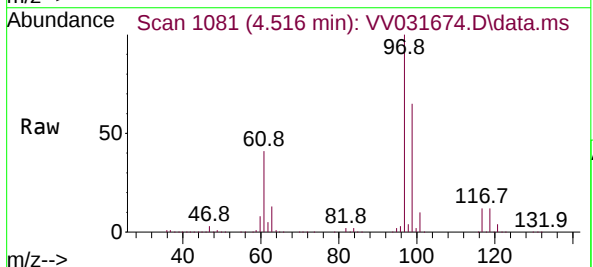
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.1	36.1
84	80.4	63.6	95.4

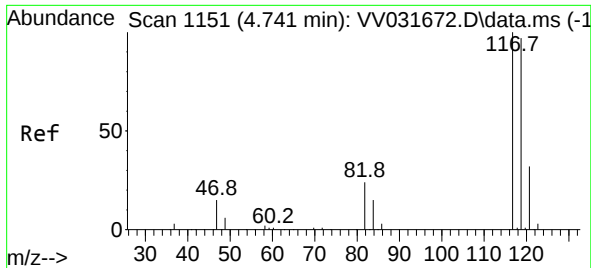


#30
1,1,1-Trichloroethane
Concen: 200.257 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion: 97 Resp: 1157198

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	41.2	32.2	48.2

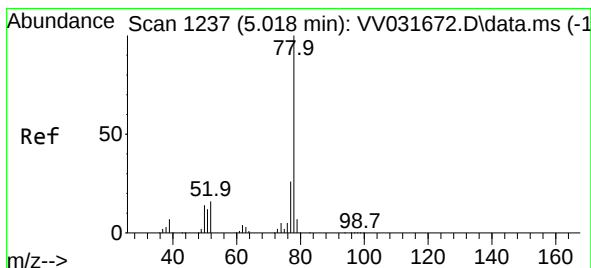
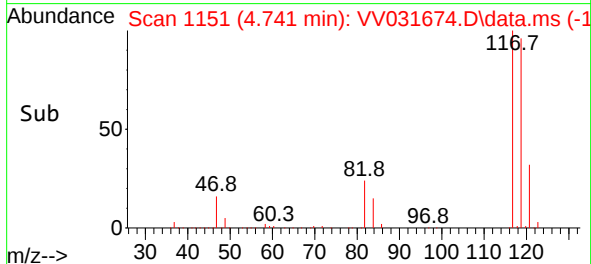
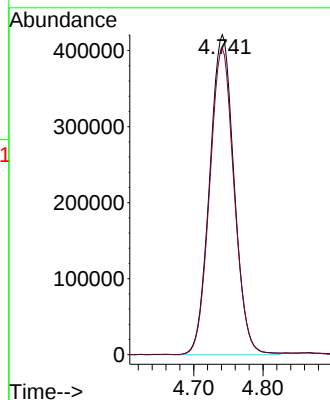
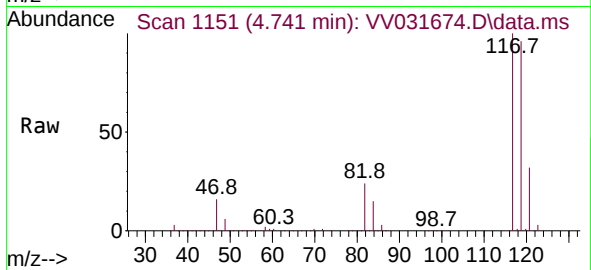




#31
Carbon tetrachloride
Concen: 201.468 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

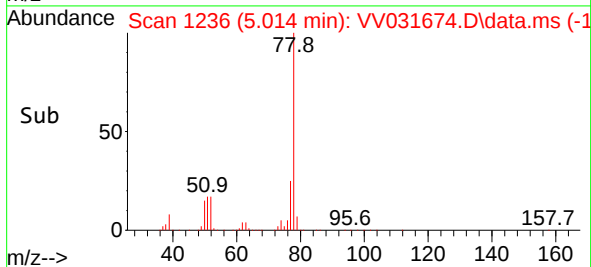
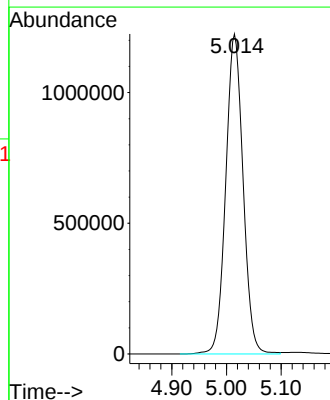
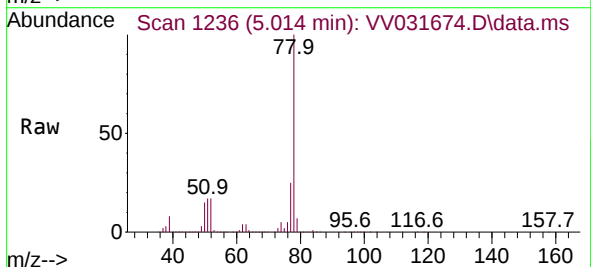
Instrument :
MSVOA_V
ClientSampleId :

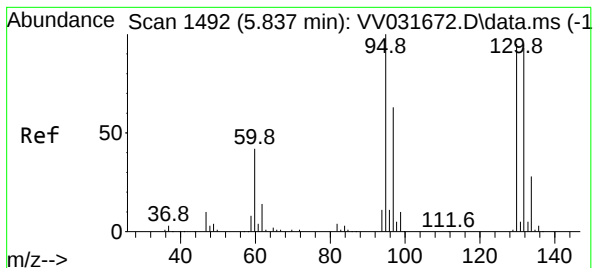
Tgt Ion:117 Resp: 1031099
Ion Ratio Lower Upper
117 100
119 95.7 78.0 117.0



#33
Benzene
Concen: 222.899 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion: 78 Resp: 2686495





#34

Trichloroethene

Concen: 232.633 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 758633

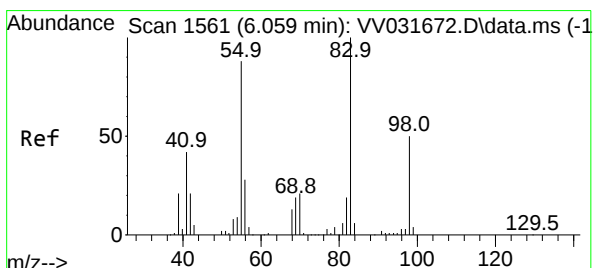
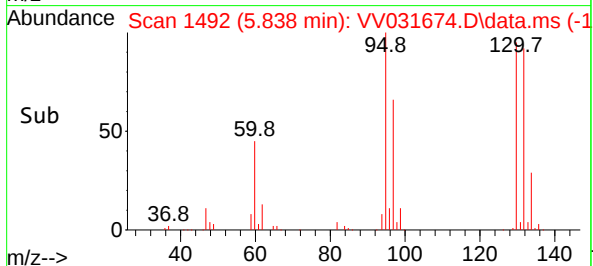
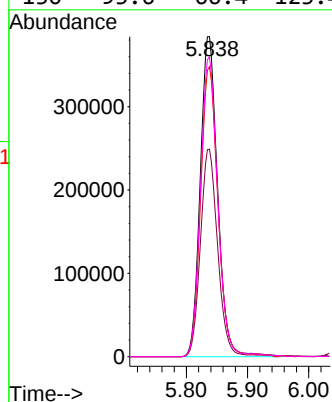
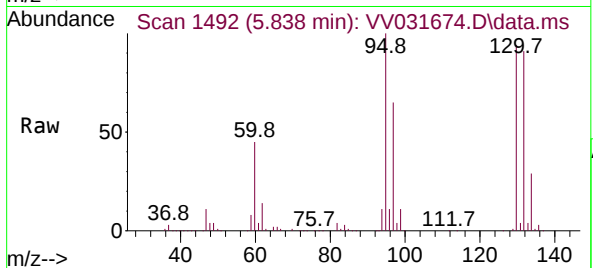
Ion Ratio Lower Upper

95 100

97 64.9 47.0 87.2

132 90.6 64.8 120.4

130 93.6 66.4 123.4



#35

Methylcyclohexane

Concen: 245.517 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

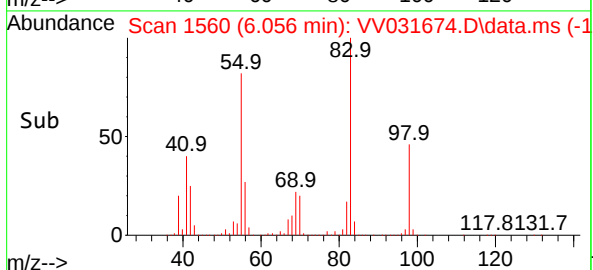
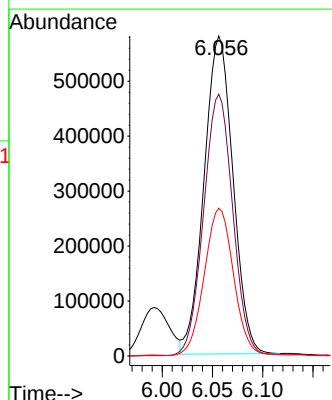
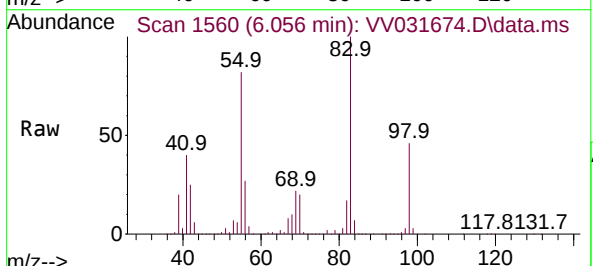
Tgt Ion: 83 Resp: 1158025

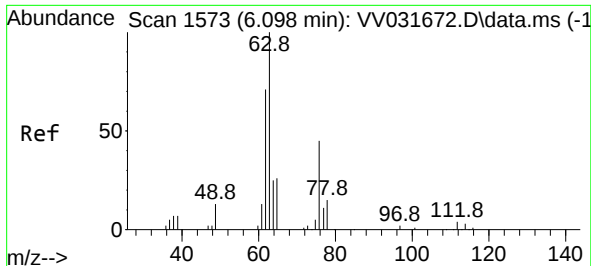
Ion Ratio Lower Upper

83 100

55 83.2 69.4 104.2

98 46.8 38.2 57.2





#37

1,2-Dichloropropane

Concen: 220.470 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

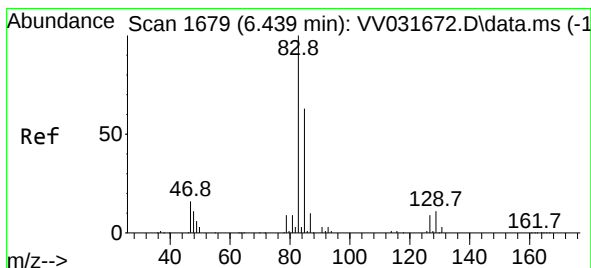
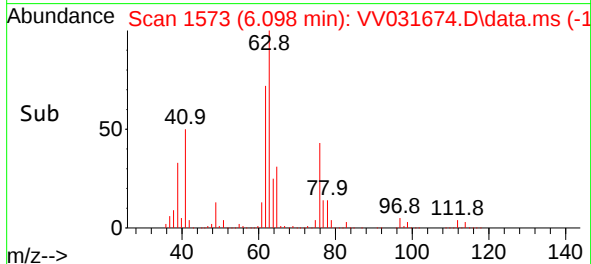
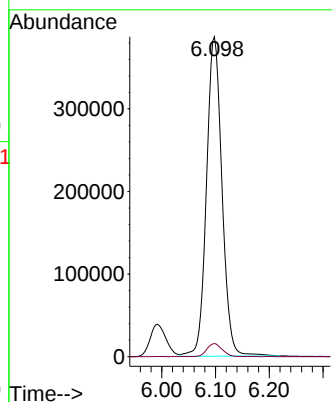
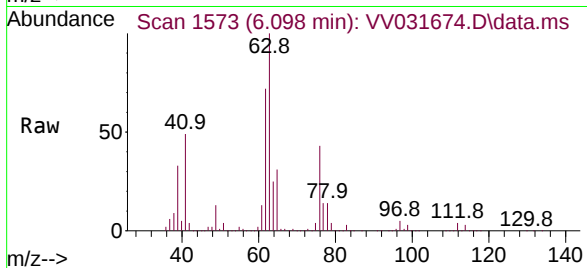
ClientSampleId :

Tgt Ion: 63 Resp: 775612

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 213.004 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

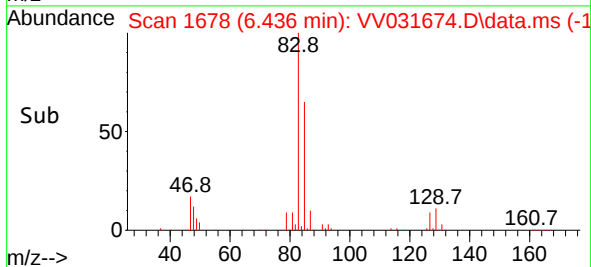
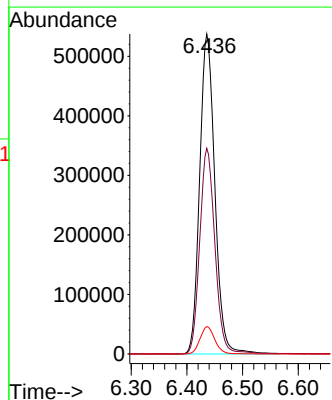
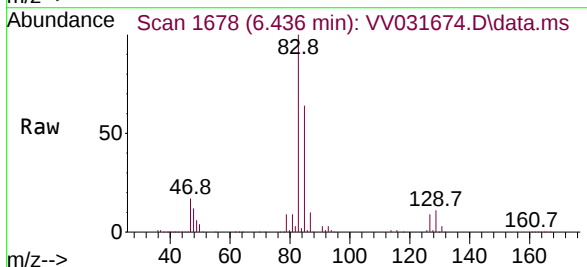
Tgt Ion: 83 Resp: 1019450

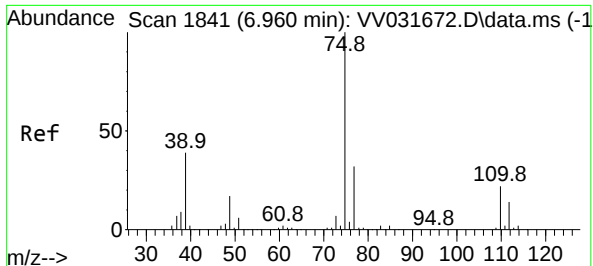
Ion Ratio Lower Upper

83 100

85 64.3 44.2 82.0

127 9.4 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 242.016 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

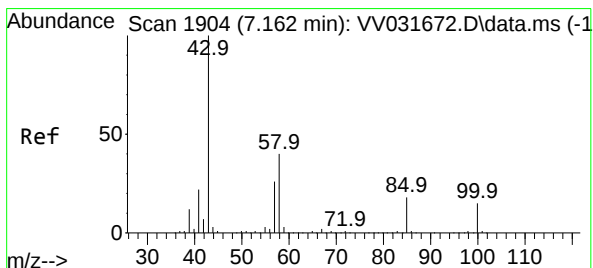
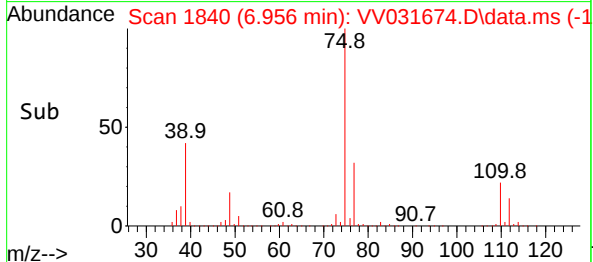
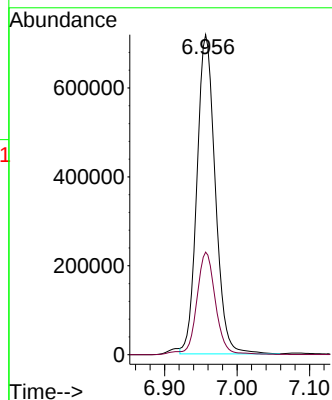
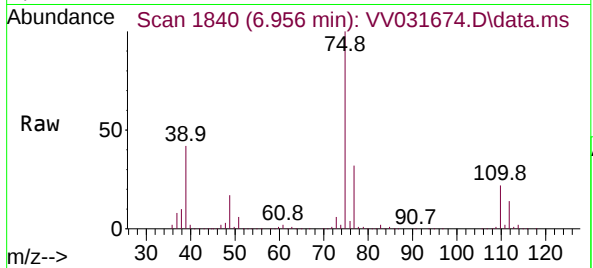
ClientSampleId :

Tgt Ion: 75 Resp: 1257972

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 522.537 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

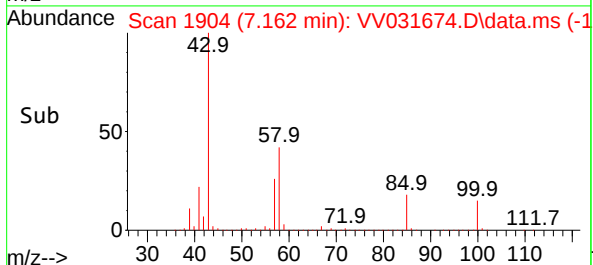
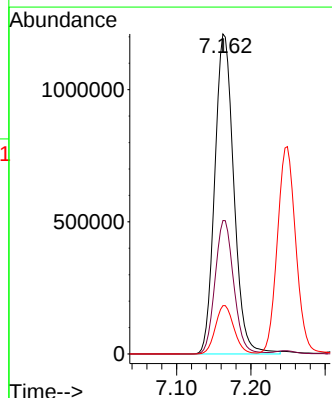
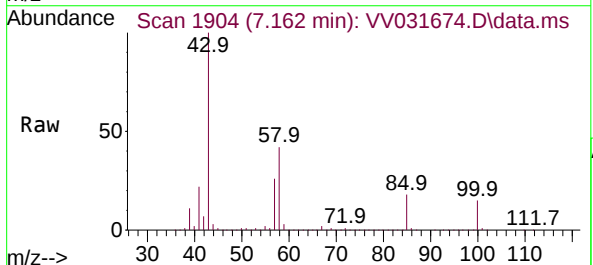
Tgt Ion: 43 Resp: 2155860

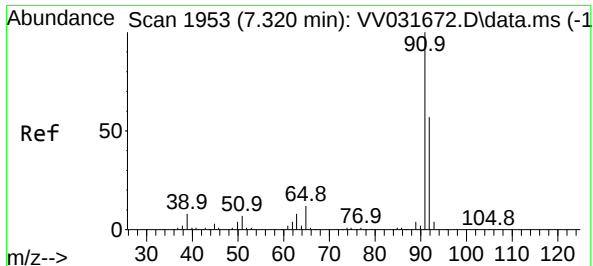
Ion Ratio Lower Upper

43 100

58 41.1 32.1 48.1

100 14.7 12.1 18.1





#42

Toluene

Concen: 230.742 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

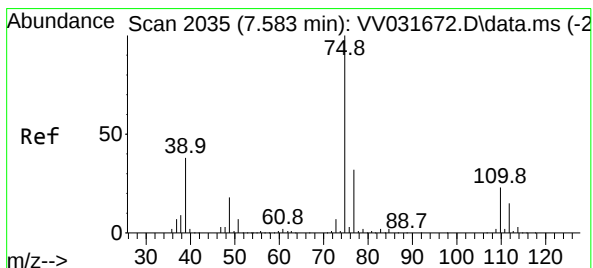
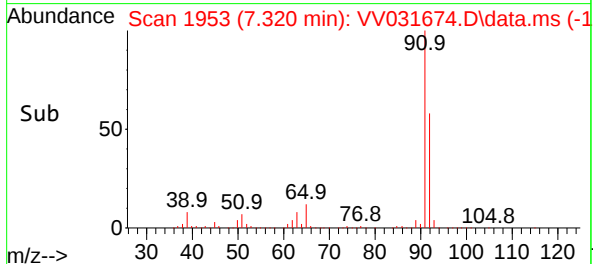
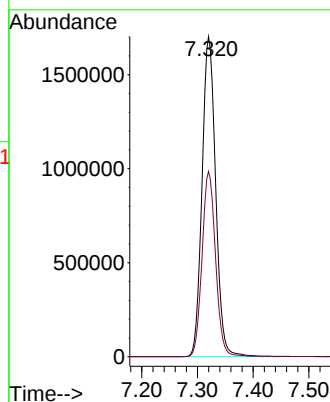
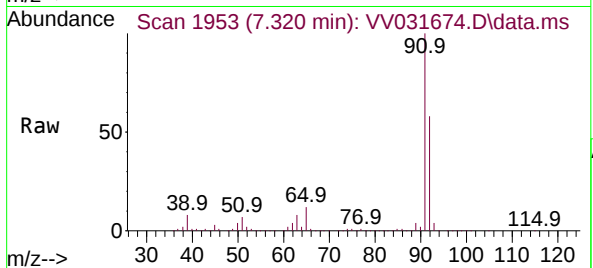
ClientSampleId :

Tgt Ion: 91 Resp: 2891665

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 238.020 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031674.D

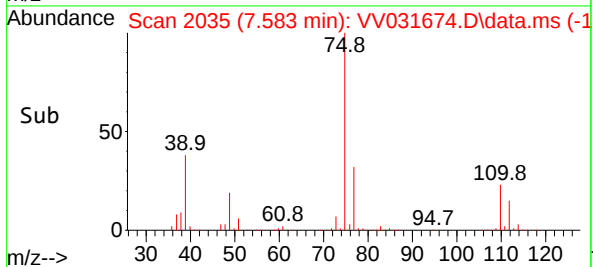
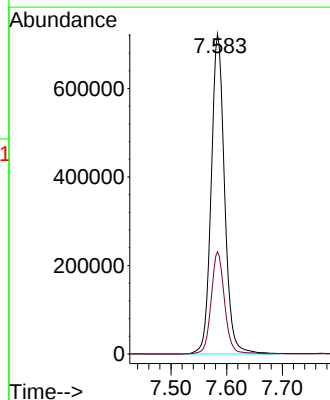
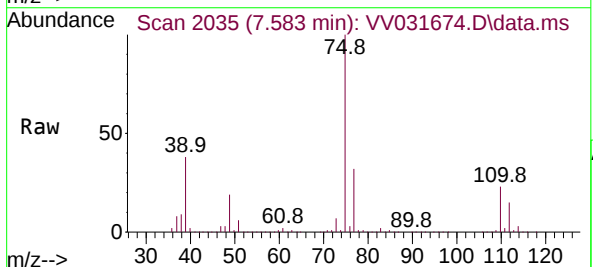
Acq: 11 Jul 2023 12:06

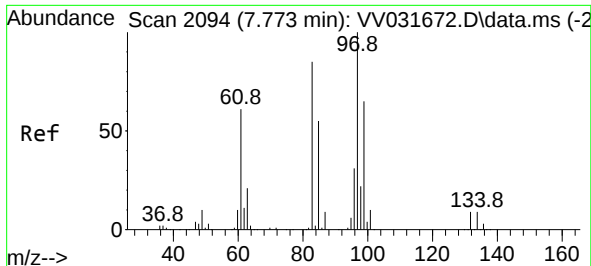
Tgt Ion: 75 Resp: 1208397

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 211.066 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 707933

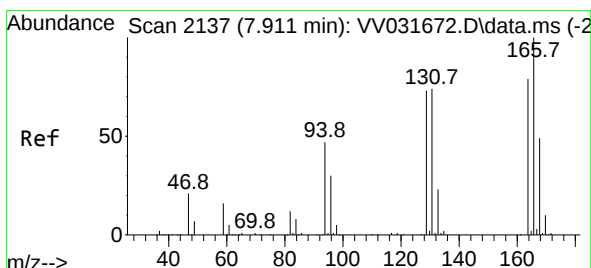
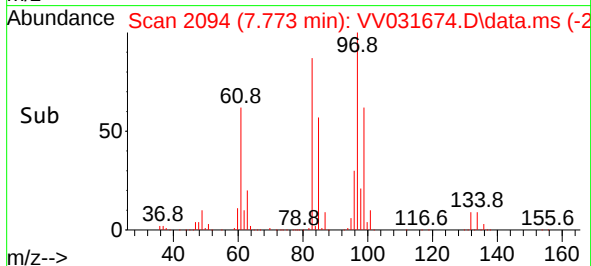
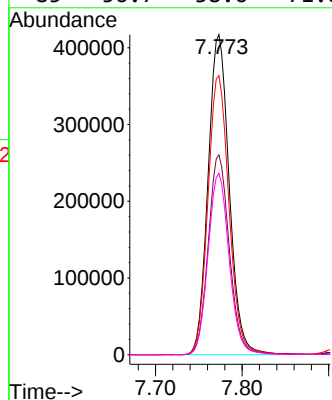
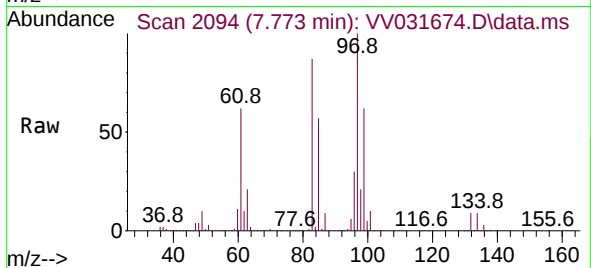
Ion Ratio Lower Upper

97 100

99 62.4 45.2 84.0

83 87.2 59.5 110.5

85 56.7 38.6 71.8



#46

Tetrachloroethene

Concen: 214.072 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Tgt Ion:164 Resp: 544780

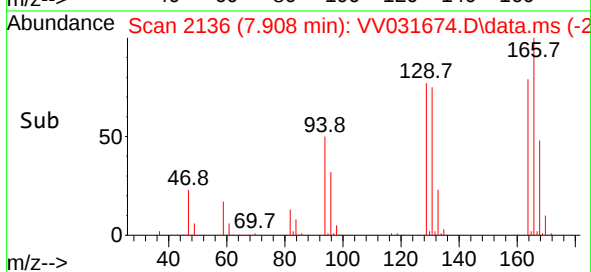
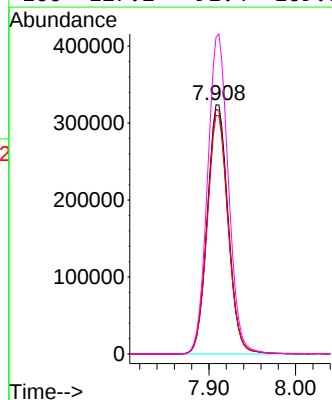
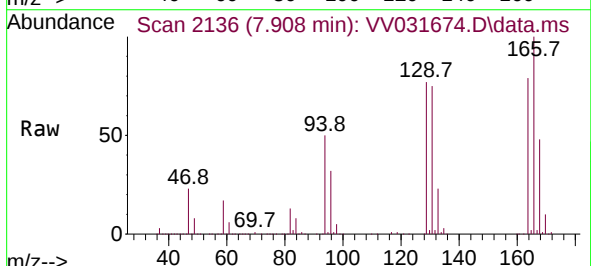
Ion Ratio Lower Upper

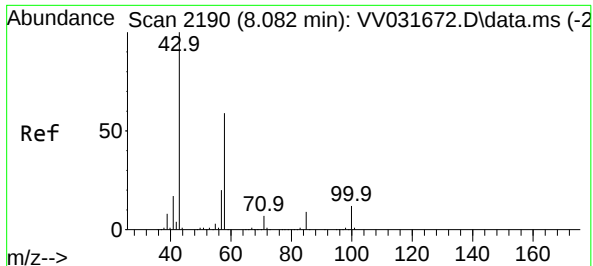
164 100

129 98.2 65.2 121.0

131 98.1 67.1 124.7

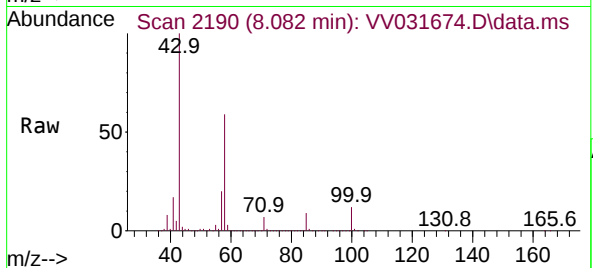
166 127.2 91.4 169.8





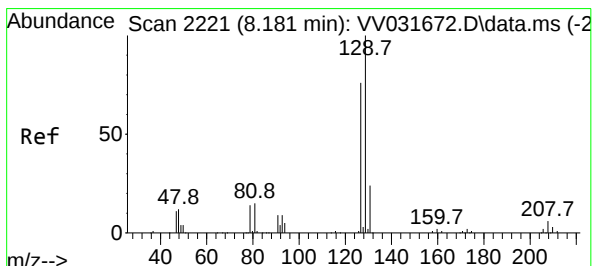
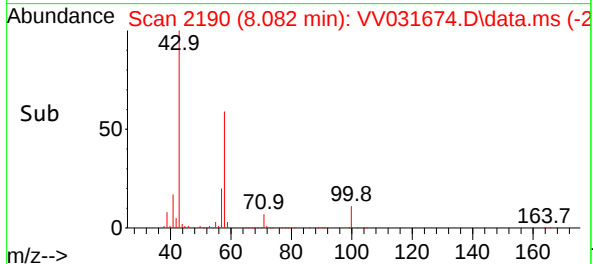
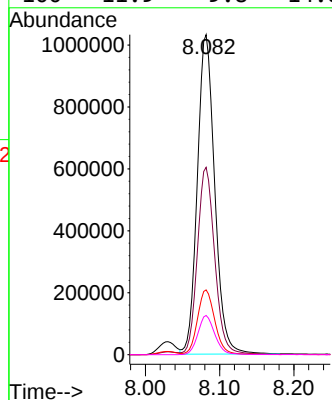
#48
2-Hexanone
Concen: 504.003 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1685467

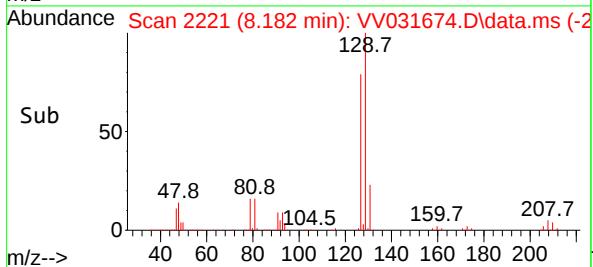
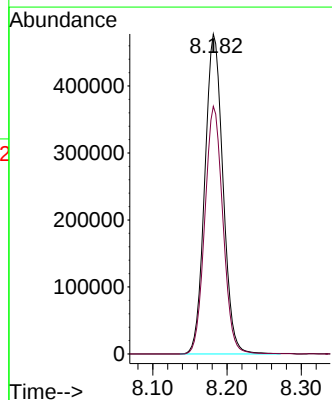
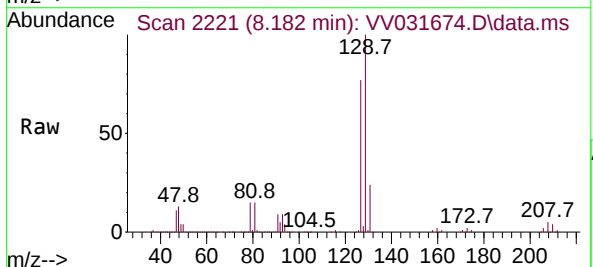
Ion	Ratio	Lower	Upper
43	100		
58	58.2	46.3	69.5
57	20.1	16.8	25.2
100	11.9	9.8	14.8

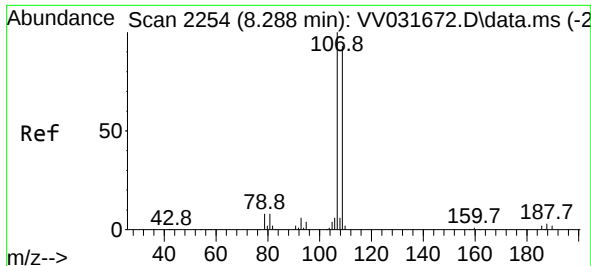


#49
Dibromochloromethane
Concen: 216.696 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion: 129 Resp: 809807

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.2	102.6





#50

1,2-Dibromoethane

Concen: 223.439 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

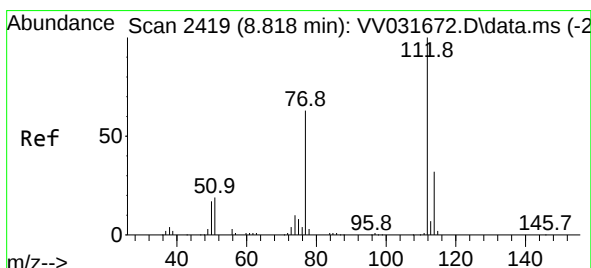
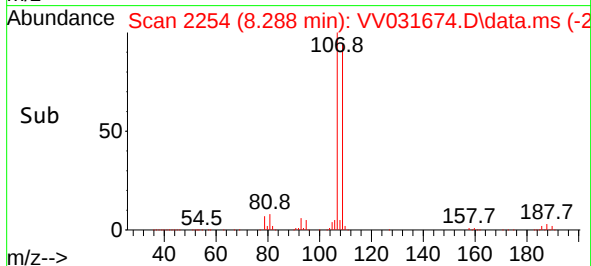
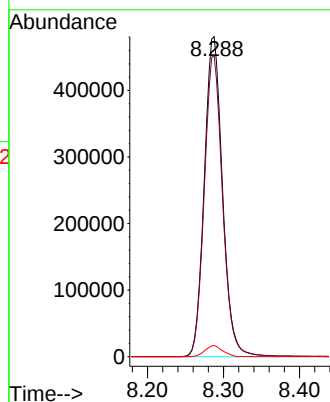
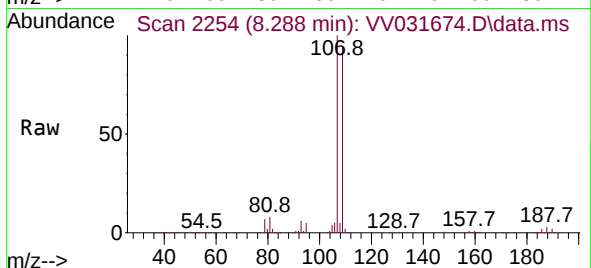
Tgt Ion:107 Resp: 800517

Ion Ratio Lower Upper

107 100

109 94.1 65.4 121.4

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 217.323 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

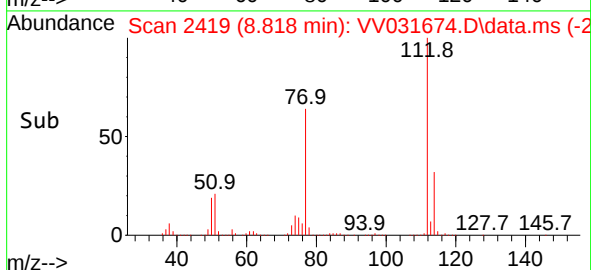
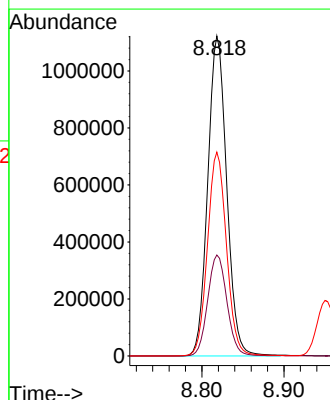
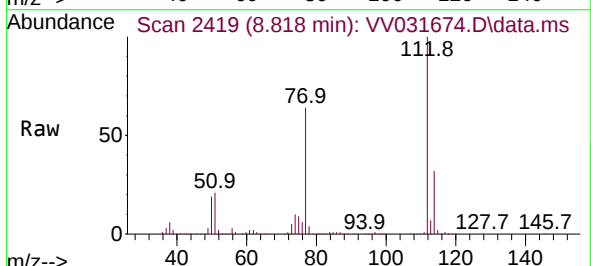
Tgt Ion:112 Resp: 1800016

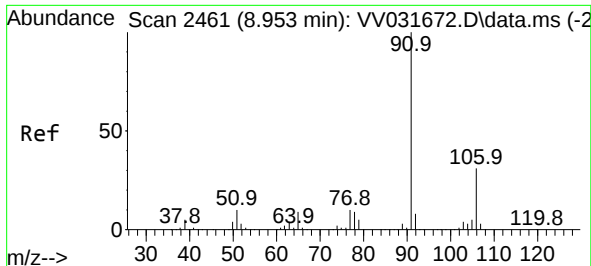
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 63.7 50.6 76.0

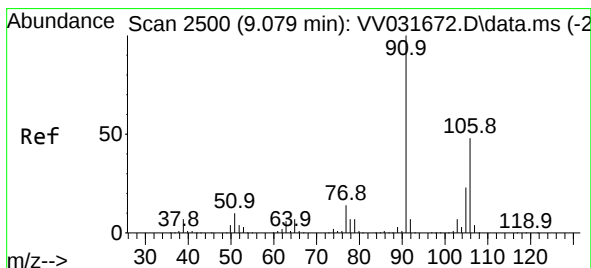
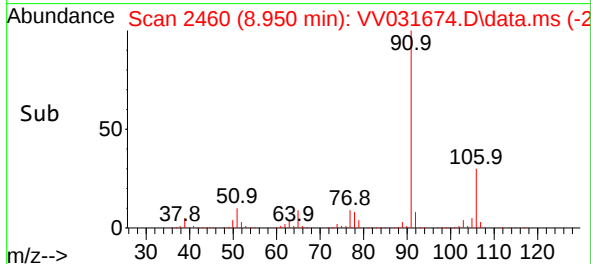
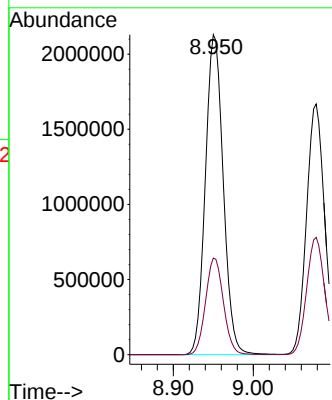
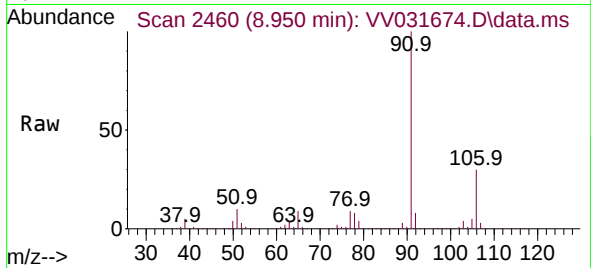




#52
Ethylbenzene
Concen: 239.817 ug/L
RT: 8.950 min Scan# 2461
Delta R.T. -0.003 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

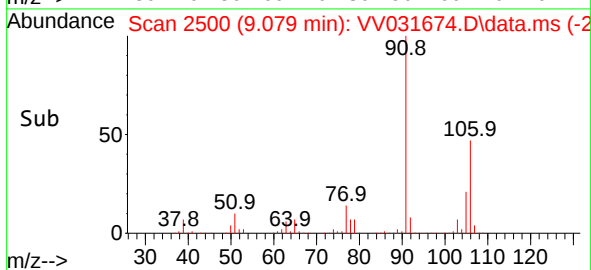
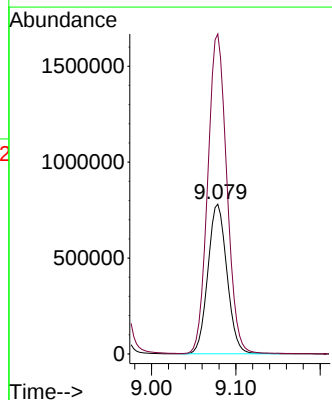
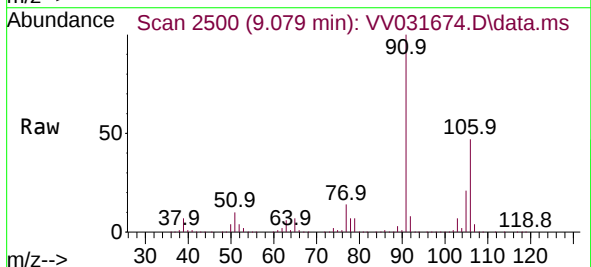
Instrument :
MSVOA_V
ClientSampleId :

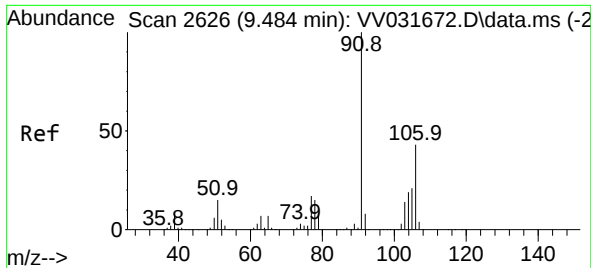
Tgt Ion: 91 Resp: 3322294
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 240.495 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion:106 Resp: 1230973
Ion Ratio Lower Upper
106 100
91 213.6 145.6 270.4

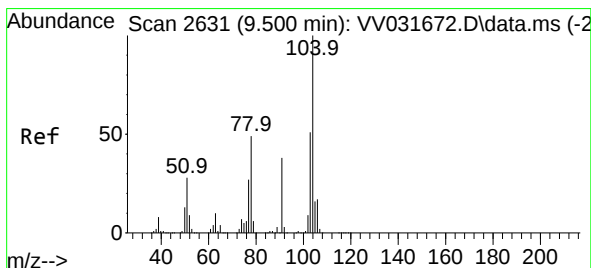
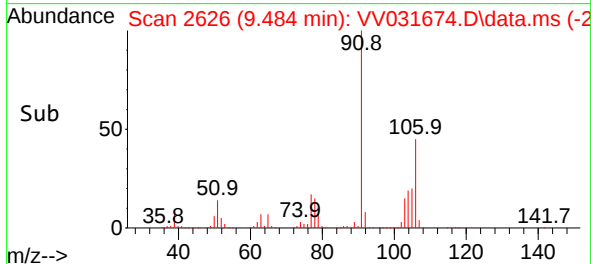
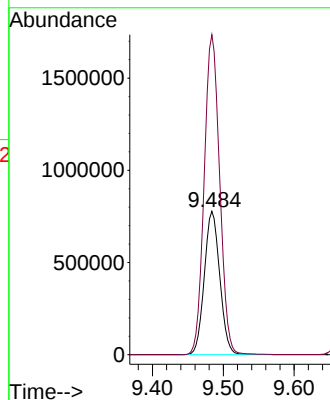
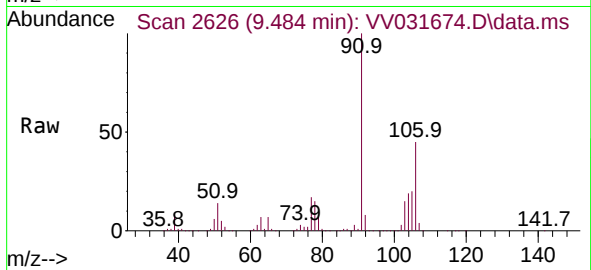




#54
o-Xylene
Concen: 244.662 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

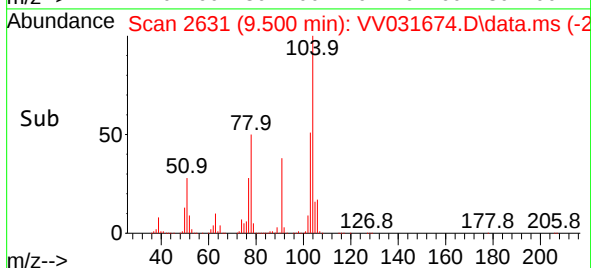
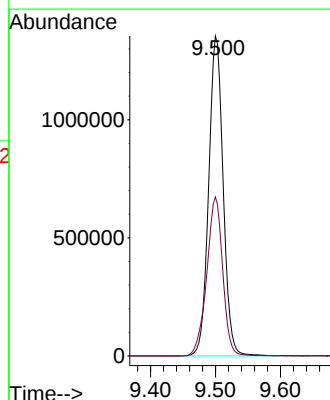
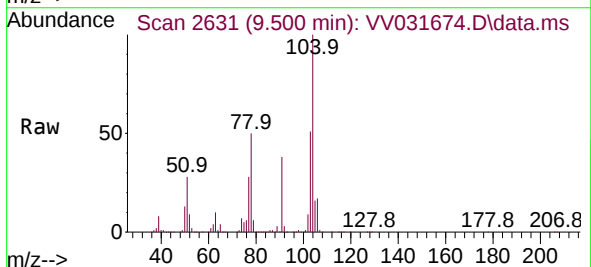
Instrument :
MSVOA_V
ClientSampleId :

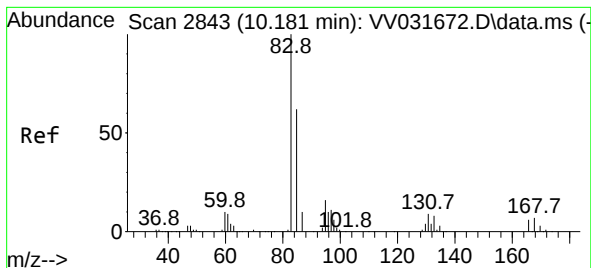
Tgt Ion:106 Resp: 1178070
Ion Ratio Lower Upper
106 100
91 223.2 163.0 302.6



#55
Styrene
Concen: 241.846 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion:104 Resp: 2106771
Ion Ratio Lower Upper
104 100
78 49.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 217.637 ug/L

RT: 10.185 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

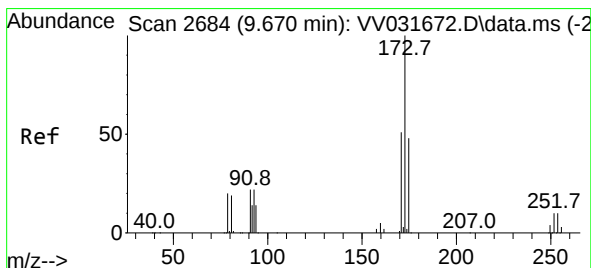
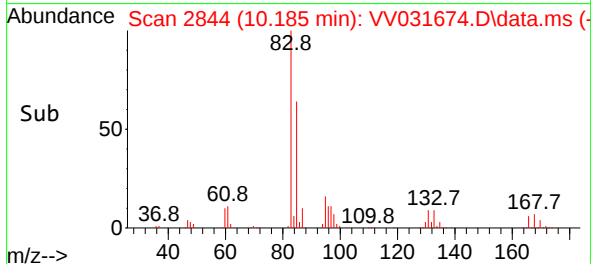
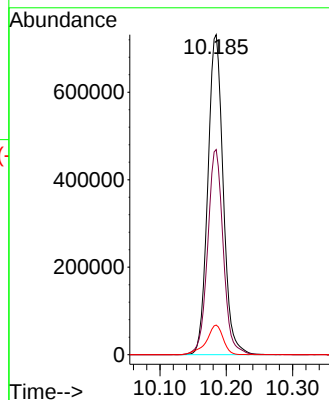
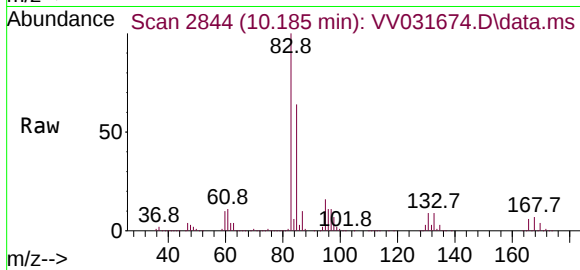
Tgt Ion: 83 Resp: 1175906

Ion Ratio Lower Upper

83 100

85 64.1 43.4 80.6

131 9.3 10.9 16.3#



#59

Bromoform

Concen: 226.717 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

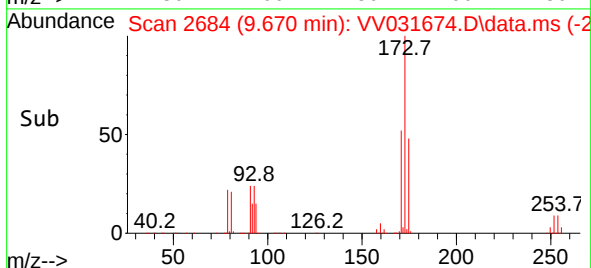
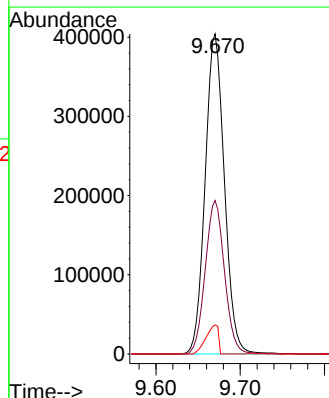
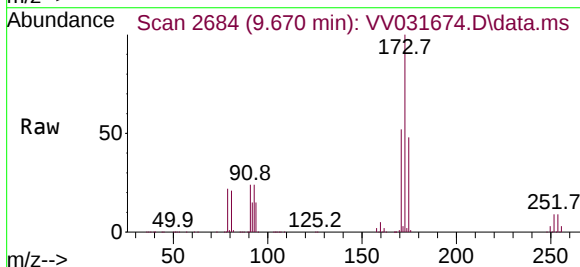
Tgt Ion: 173 Resp: 643155

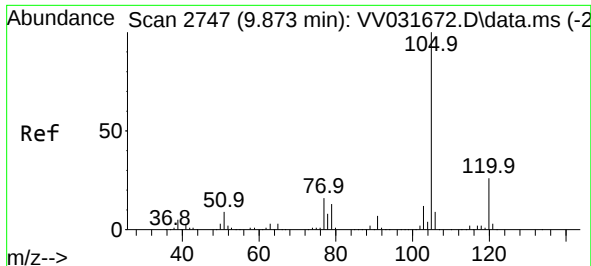
Ion Ratio Lower Upper

173 100

175 47.9 38.6 58.0

254 5.8 6.9 10.3#

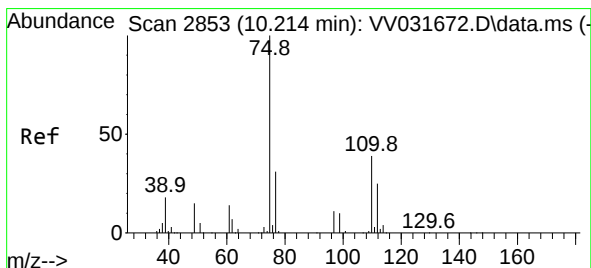
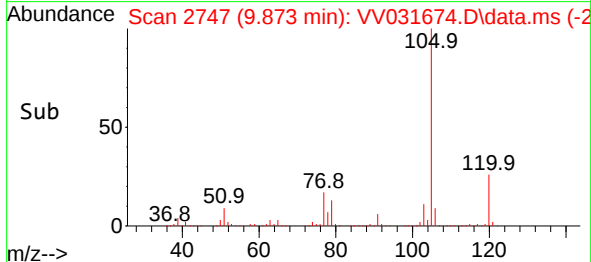
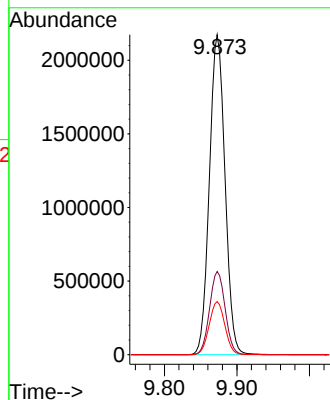
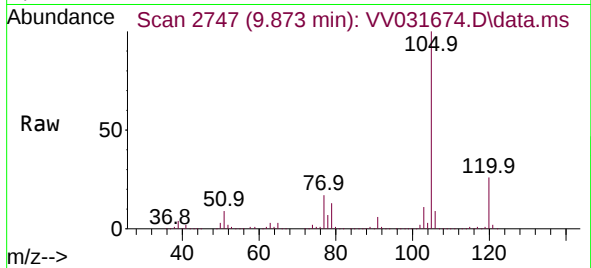




#60
Isopropylbenzene
Concen: 227.589 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

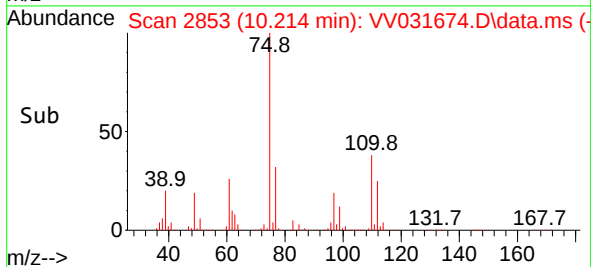
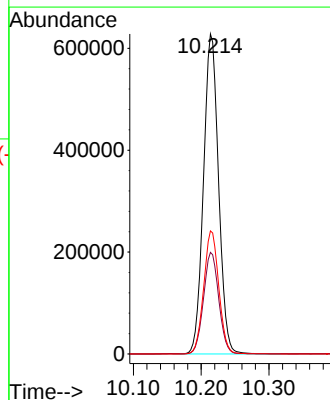
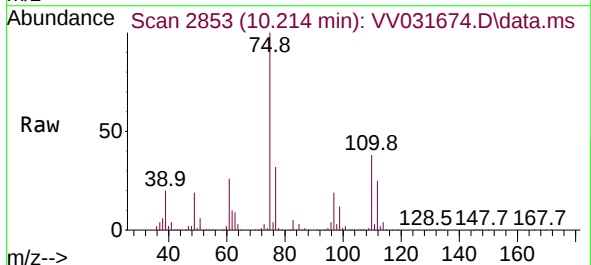
Instrument :
MSVOA_V
ClientSampleId :

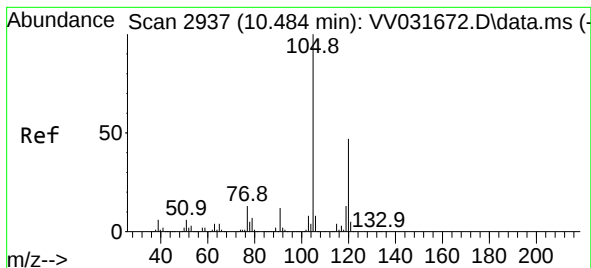
Tgt Ion:105 Resp: 3251536
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 215.163 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

Tgt Ion: 75 Resp: 968140
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 38.5 31.4 47.0





#62

1,3,5-Trimethylbenzene

Concen: 239.072 ug/L

RT: 10.480 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

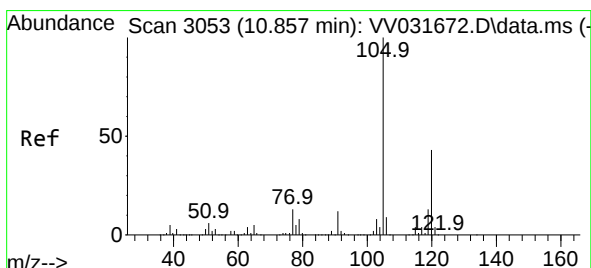
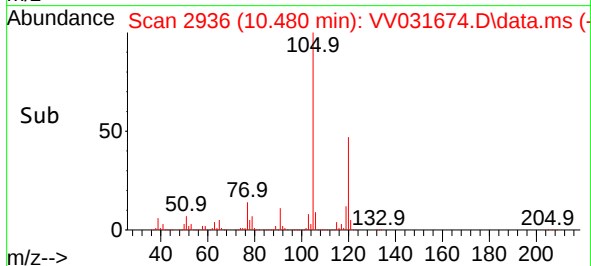
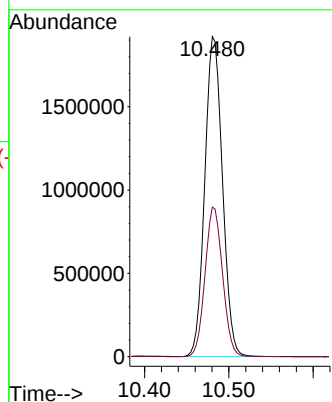
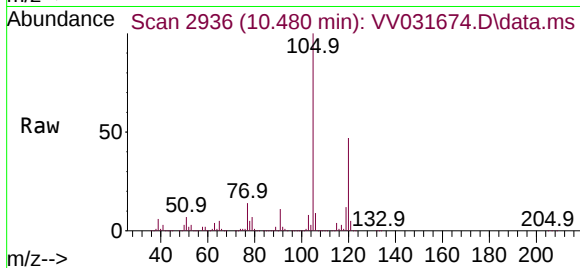
ClientSampleId :

Tgt Ion:105 Resp: 2810455

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 254.263 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031674.D

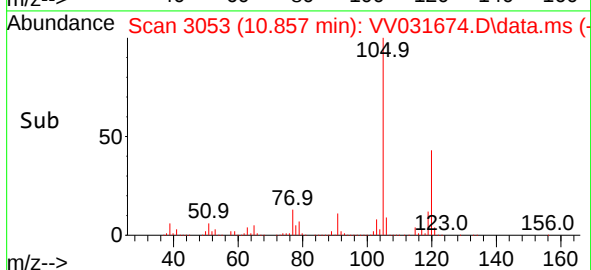
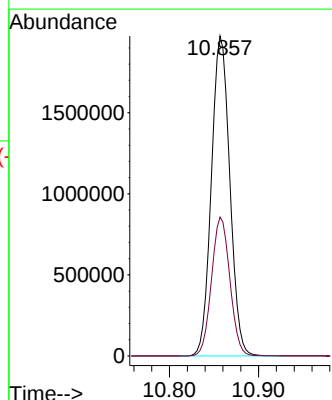
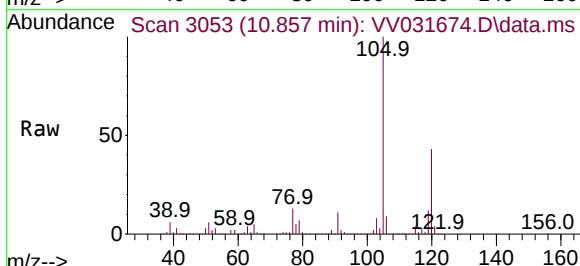
Acq: 11 Jul 2023 12:06

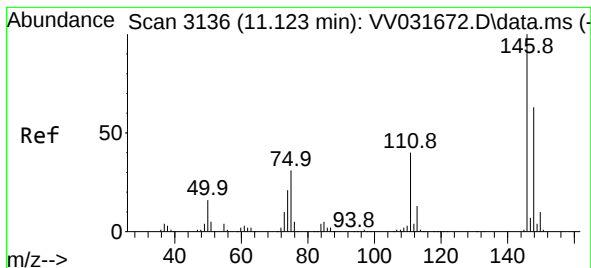
Tgt Ion:105 Resp: 2833891

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 212.231 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

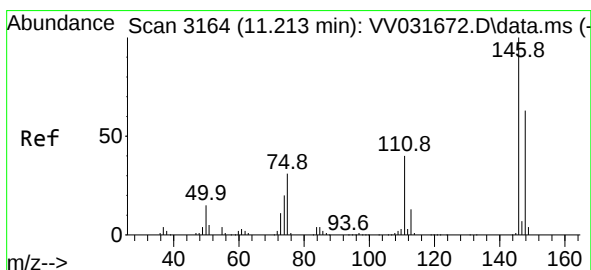
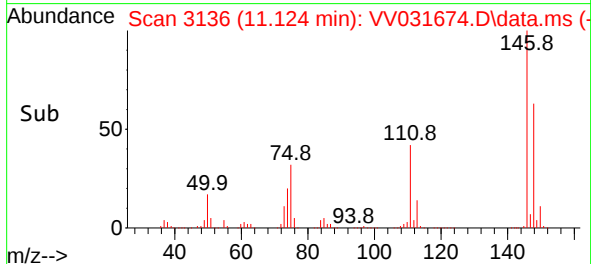
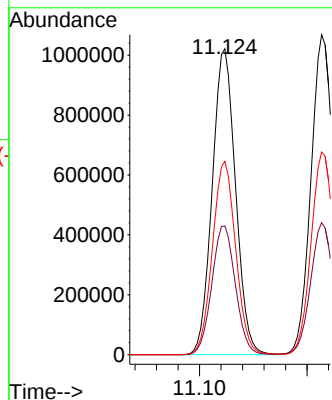
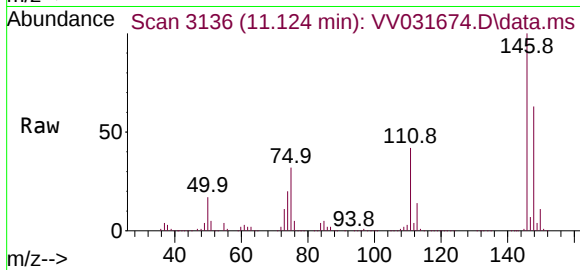
Tgt Ion:146 Resp: 1538213

Ion Ratio Lower Upper

146 100

111 42.1 28.3 52.5

148 63.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 205.391 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

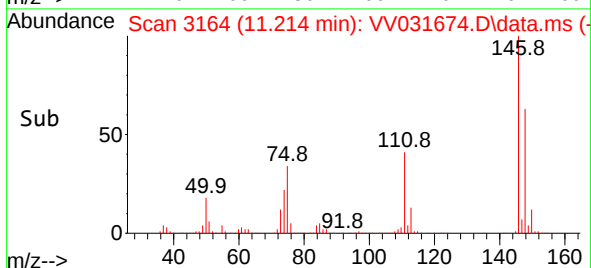
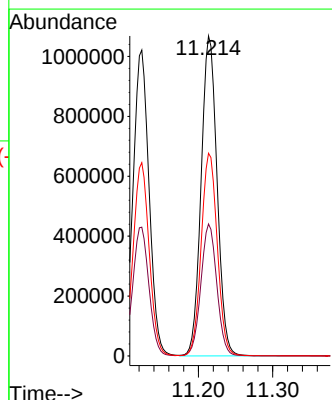
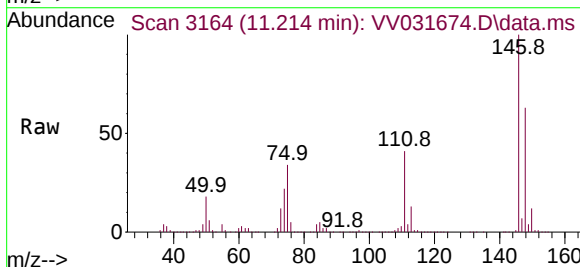
Tgt Ion:146 Resp: 1590373

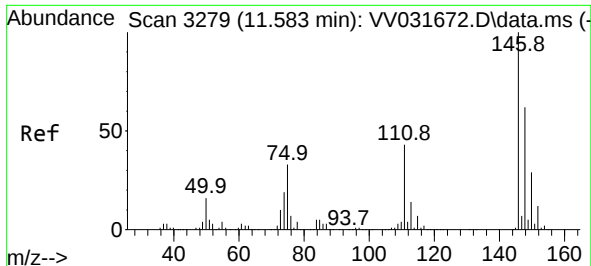
Ion Ratio Lower Upper

146 100

111 41.3 28.3 52.7

148 63.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 210.907 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

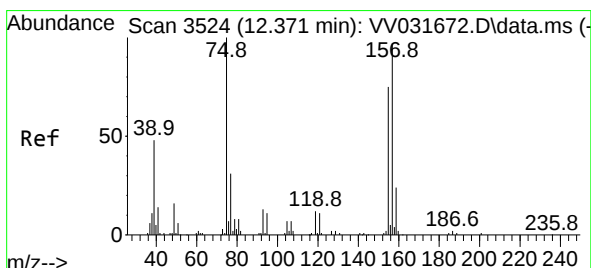
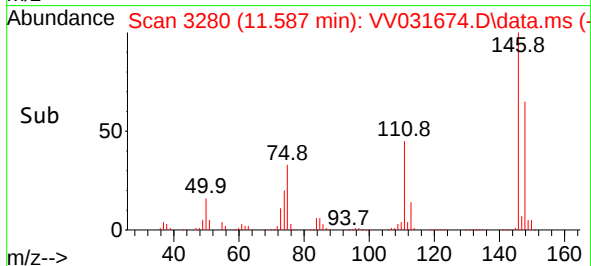
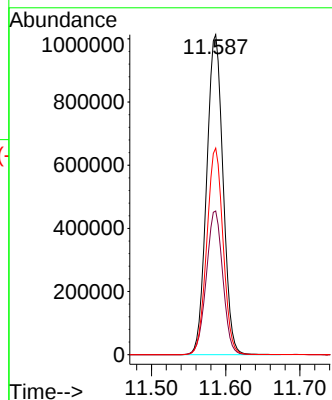
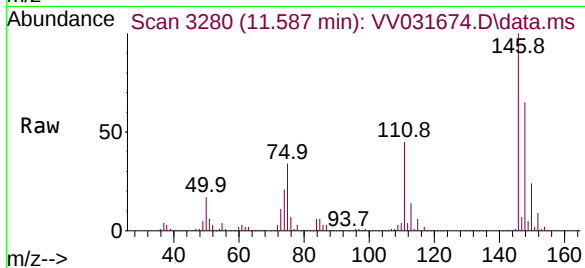
Tgt Ion:146 Resp: 1547065

Ion Ratio Lower Upper

146 100

111 44.9 34.8 52.2

148 64.6 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 227.824 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

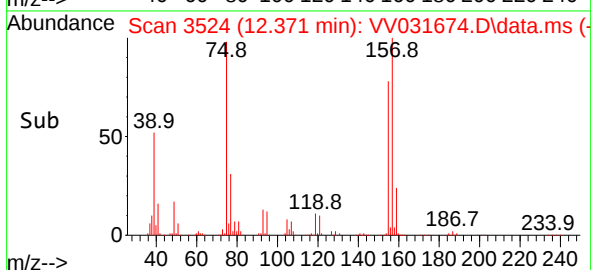
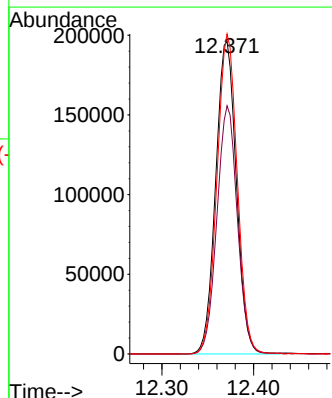
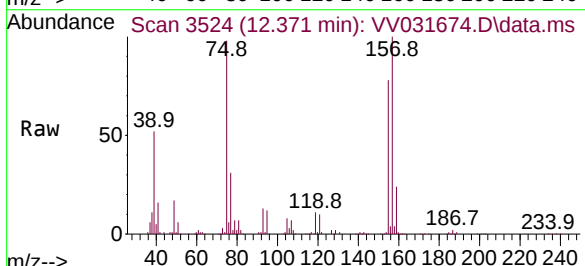
Tgt Ion: 75 Resp: 307336

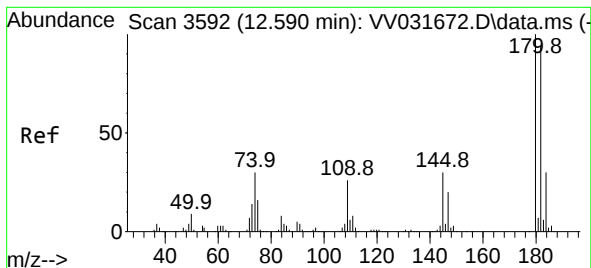
Ion Ratio Lower Upper

75 100

155 79.4 59.9 89.9

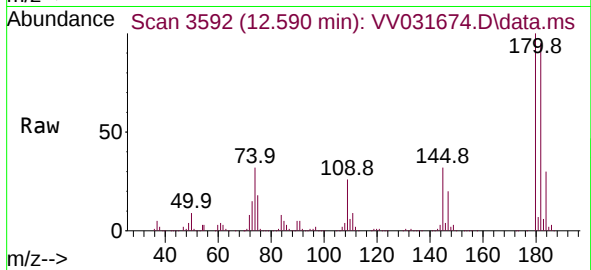
157 102.4 77.6 116.4



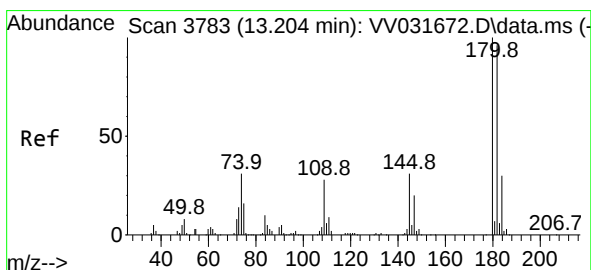
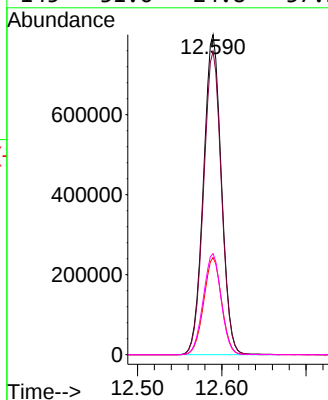
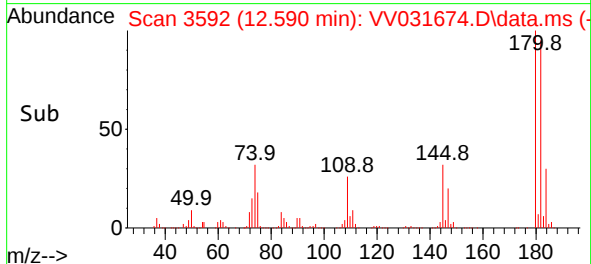


#69
1,3,5-Trichlorobenzene
Concen: 214.482 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06

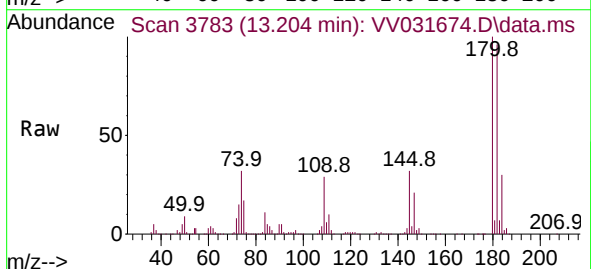
Instrument :
MSVOA_V
ClientSampleId :



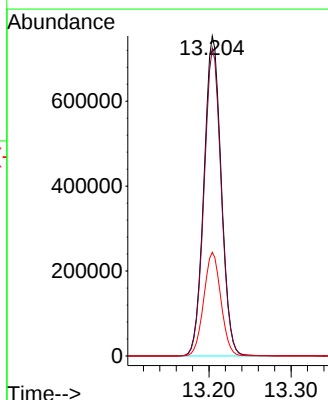
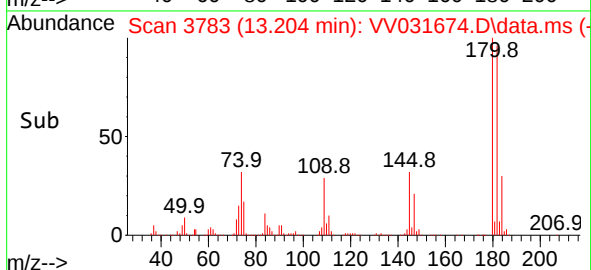
Tgt Ion:180 Resp: 1184062
Ion Ratio Lower Upper
180 100
182 94.9 75.5 113.3
184 30.4 23.7 35.5
145 31.6 24.8 37.2

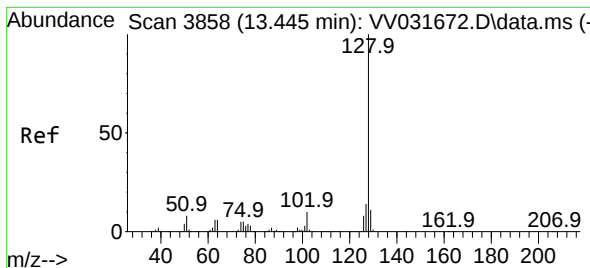


#70
1,2,4-trichlorobenzene
Concen: 229.425 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031674.D
Acq: 11 Jul 2023 12:06



Tgt Ion:180 Resp: 1105606
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 32.1 25.4 38.2





#71

Naphthalene

Concen: 268.677 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Instrument :

MSVOA_V

ClientSampleId :

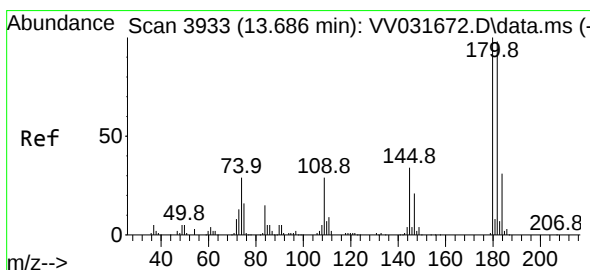
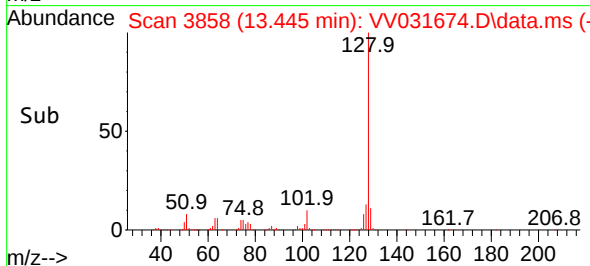
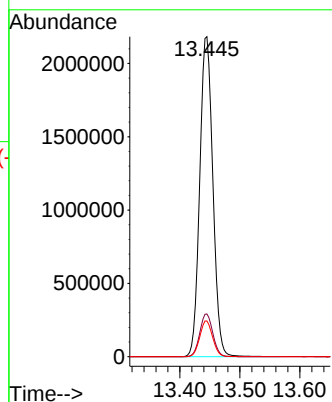
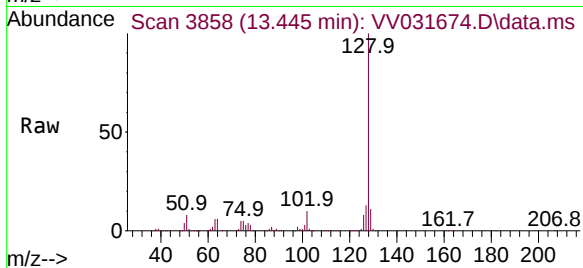
Tgt Ion:128 Resp: 3329540

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 219.664 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031674.D

Acq: 11 Jul 2023 12:06

Tgt Ion:180 Resp: 1099384

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 34.1 27.7 41.5

