

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031673.D
 Acq On : 11 Jul 2023 11:43
 Operator : SY/MD
 Sample : VSTD10042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 12 07:26:54 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	5.539	114	327193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	329112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	207707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	307483	133.445	ug/L	0.00
7) Chloroethane-d5	1.529	69	216748	109.207	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	140358	120.214	ug/L	0.00
21) 2-Butanone-d5	3.789	46	375531	212.167	ug/L	0.00
24) Chloroform-d	4.256	84	560905	100.776	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	362454	105.509	ug/L	0.00
32) Benzene-d6	4.966	84	1085448	116.194	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	340634	103.726	ug/L	0.00
41) Toluene-d8	7.249	98	1047888	121.709	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	182256	114.980	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	305878	242.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	533357	108.197	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	395273	100.671	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	421276	117.405	ug/L	99
3) Chloromethane	1.217	50	427085	125.717	ug/L	98
5) Vinyl chloride	1.285	62	411377	122.662	ug/L	99
6) Bromomethane	1.487	94	217644	101.105	ug/L	99
8) Chloroethane	1.548	64	219344	101.998	ug/L	99
9) Trichlorofluoromethane	1.712	101	570517	103.738	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	336258	112.485	ug/L	97
12) 1,1-Dichloroethene	2.072	96	298956	119.415	ug/L	92
13) Acetone	2.121	43	382030	218.477	ug/L	98
14) Carbon disulfide	2.243	76	937161	122.655	ug/L	99
15) Methyl Acetate	2.375	43	362147	121.799	ug/L	97
16) Methylene chloride	2.449	84	332794	107.478	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	299805	116.510	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	976373	116.038	ug/L	99
19) 1,1-Dichloroethane	3.117	63	578336	104.987	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	310342	112.738	ug/L	98
22) 2-Butanone	3.870	43	476978	215.491	ug/L	99
23) Bromochloromethane	4.153	128	163279	108.083	ug/L	97
25) Chloroform	4.281	83	584753	102.029	ug/L	99
27) 1,2-Dichloroethane	5.043	62	482823	109.918	ug/L	99
29) Cyclohexane	4.590	56	503443	118.027	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	533567	101.551	ug/L	100
31) Carbon tetrachloride	4.741	117	484663	104.150	ug/L	98
33) Benzene	5.014	78	1279519	116.757	ug/L	100
34) Trichloroethene	5.838	95	343116	115.717	ug/L	97
35) Methylcyclohexane	6.056	83	510177	118.960	ug/L	98
37) 1,2-Dichloropropane	6.098	63	366524	114.583	ug/L	98
38) Bromodichloromethane	6.436	83	484067	111.235	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	581701	123.080	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	994613	265.134	ug/L	99
42) Toluene	7.320	91	1398855	122.763	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	562899	121.941	ug/L	99

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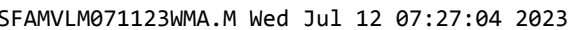
Instrument :
 MSVOA_V
 ClientSampleId :

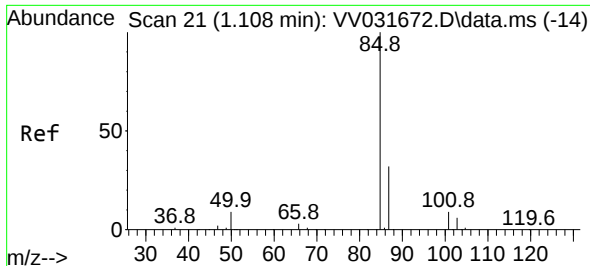
Quant Time: Jul 12 07:26:54 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	343138	112.515	ug/L	98
46) Tetrachloroethene	7.911	164	259756	112.258	ug/L	98
48) 2-Hexanone	8.079	43	812542	267.223	ug/L	99
49) Dibromochloromethane	8.181	129	376433	110.783	ug/L	96
50) 1,2-Dibromoethane	8.288	107	375229	115.186	ug/L	99
51) Chlorobenzene	8.818	112	821302	109.055	ug/L	99
52) Ethylbenzene	8.950	91	1535573	121.907	ug/L	98
53) m,p-Xylene	9.079	106	572647	123.044	ug/L	96
54) o-Xylene	9.484	106	524480	119.795	ug/L	96
55) Styrene	9.500	104	977972	123.470	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	544369	110.807	ug/L	98
59) Bromoform	9.670	173	294598	113.440	ug/L #	96
60) Isopropylbenzene	9.873	105	1520589	116.263	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	456582	110.845	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	1264170	117.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	1272525	124.719	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	700582	105.589	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	736803	103.945	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	719894	107.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	138923	112.494	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	539159	106.685	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	485012	109.941	ug/L	100
71) Naphthalene	13.445	128	1530797	134.937	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	502349	109.643	ug/L	100

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

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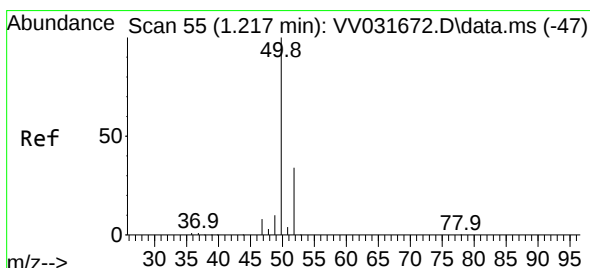
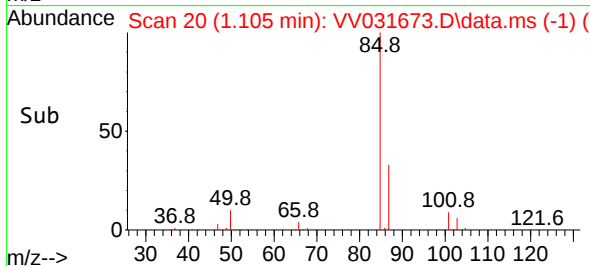
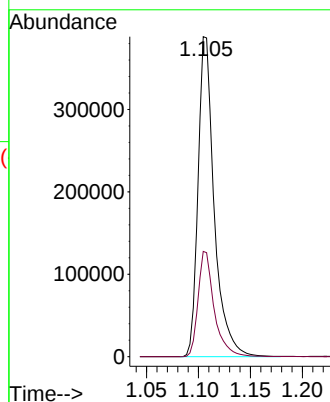
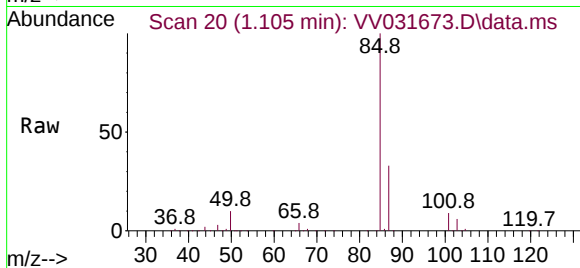




#2
 Dichlorodifluoromethane
 Concen: 117.405 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV031673.D
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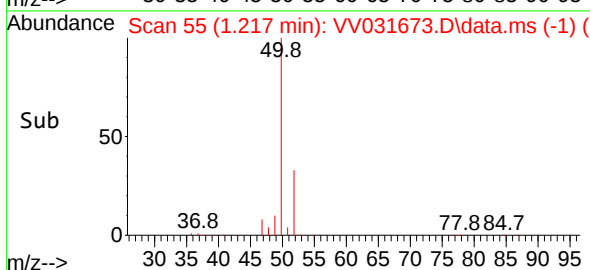
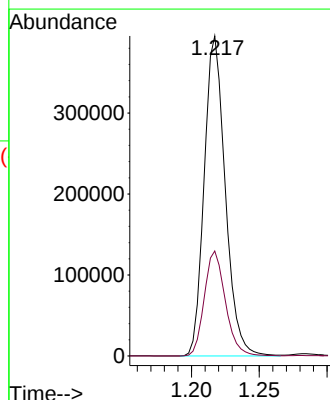
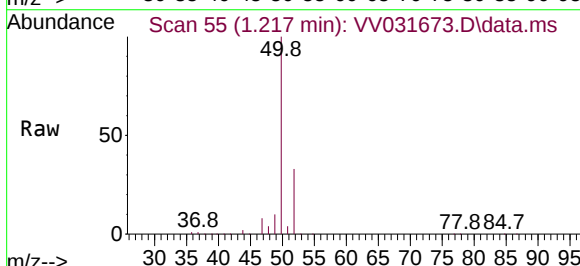
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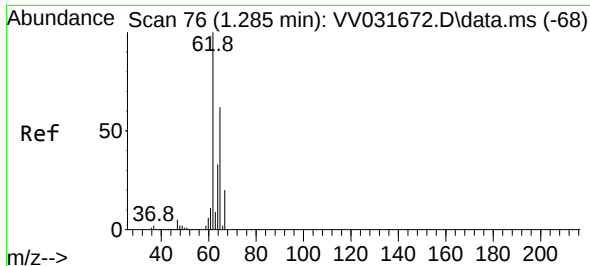
Tgt Ion: 85 Resp: 421276
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 125.717 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031673.D
 Acq: 11 Jul 2023 11:43

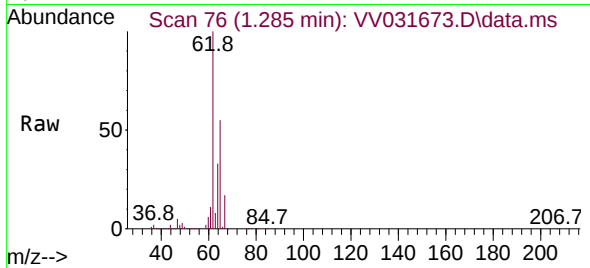
Tgt Ion: 50 Resp: 427085
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 44.1



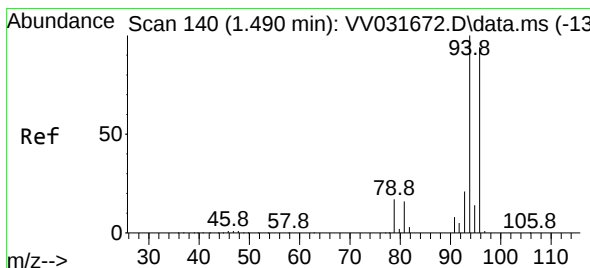
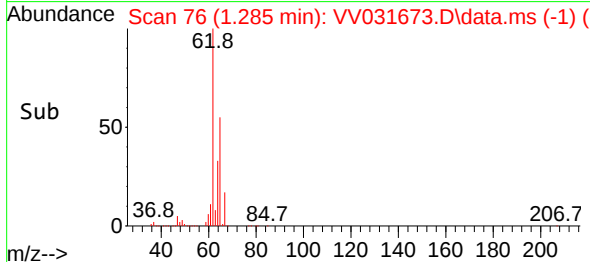
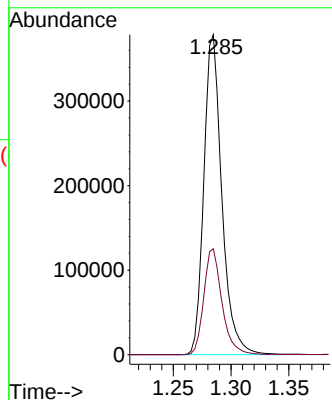


#5
 Vinyl chloride
 Concen: 122.662 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031673.D
 Acq: 11 Jul 2023 11:43

Instrument :
 MSVOA_V
 ClientSampleId :

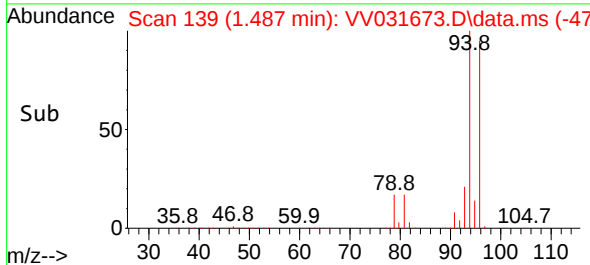
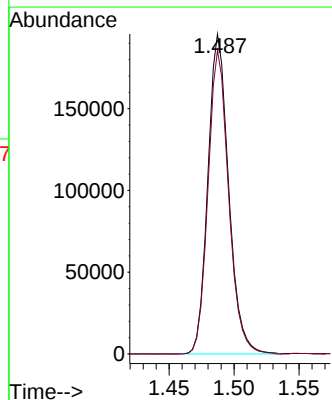
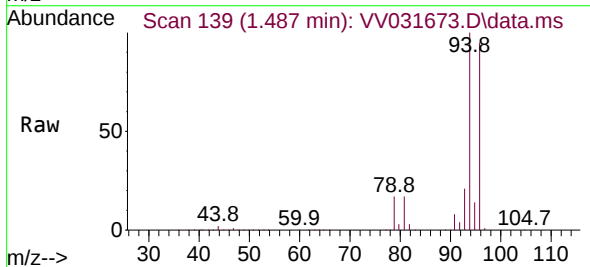


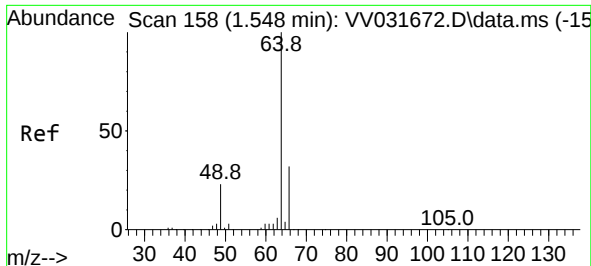
Tgt Ion: 62 Resp: 411377
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 101.105 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031673.D
 Acq: 11 Jul 2023 11:43

Tgt Ion: 94 Resp: 217644
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.7 121.9

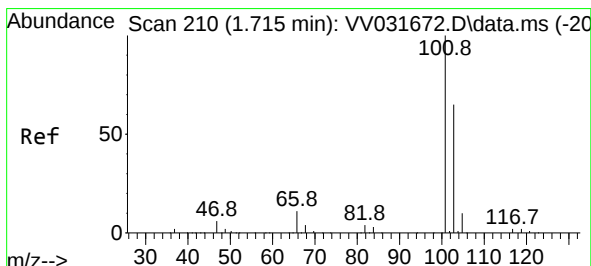
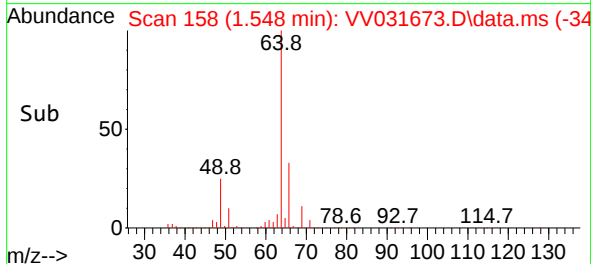
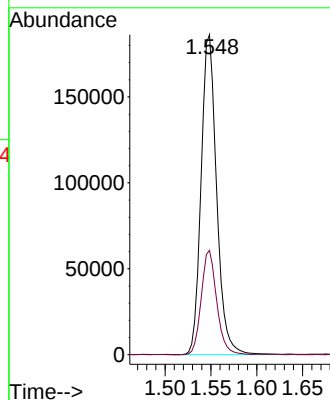
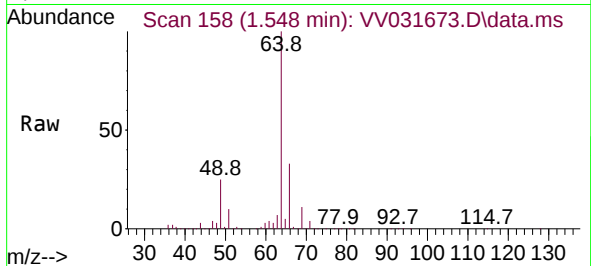




#8
Chloroethane
Concen: 101.998 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

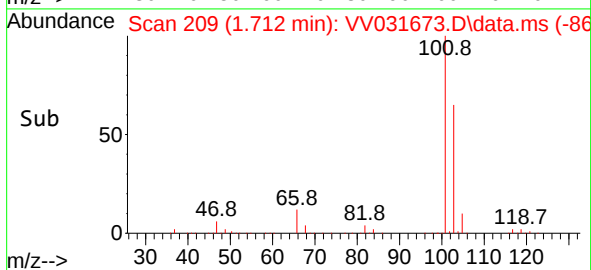
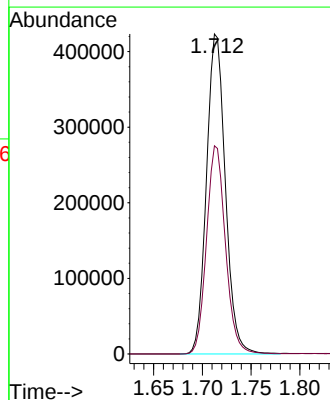
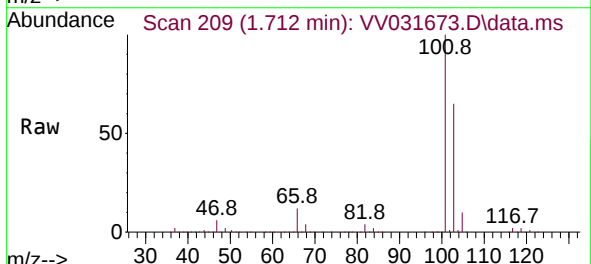
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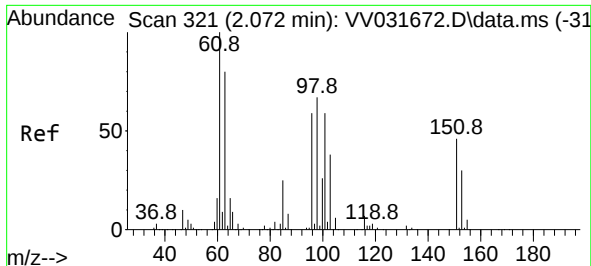
Tgt Ion: 64 Resp: 219344
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 103.738 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion:101 Resp: 570517
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5





#10

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

Concen: 112.485 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

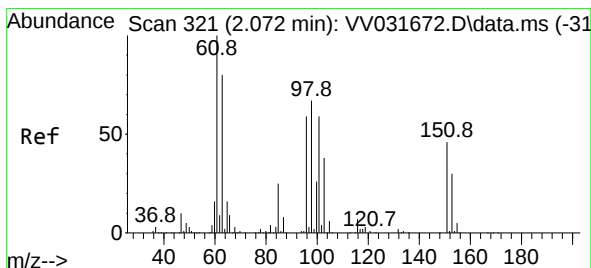
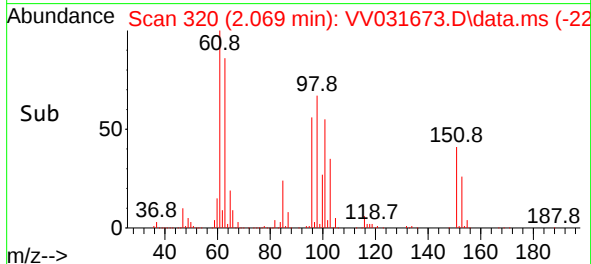
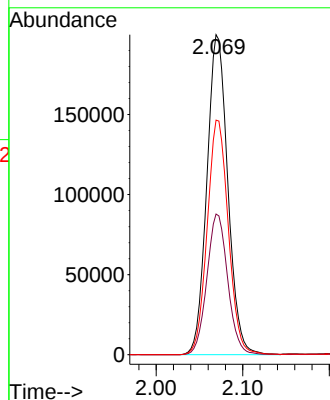
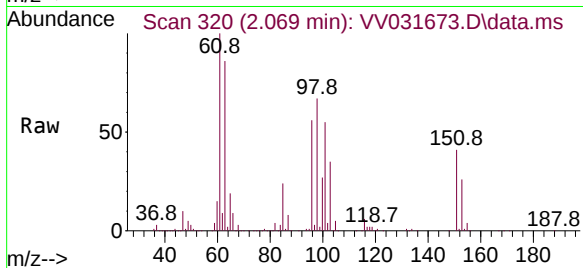
Tgt Ion:101 Resp: 336258

Ion Ratio Lower Upper

101 100

85 43.7 33.9 50.9

151 73.9 61.0 91.6



#12

1,1-Dichloroethene

Concen: 119.415 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

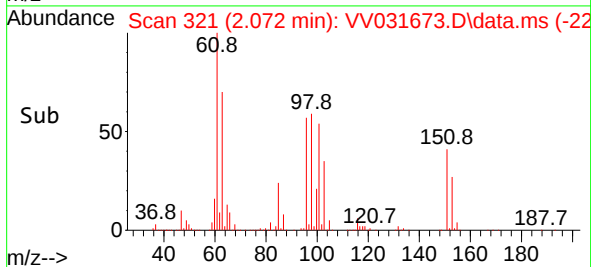
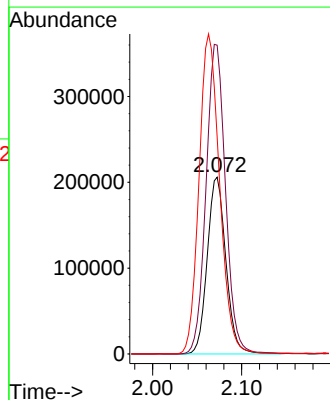
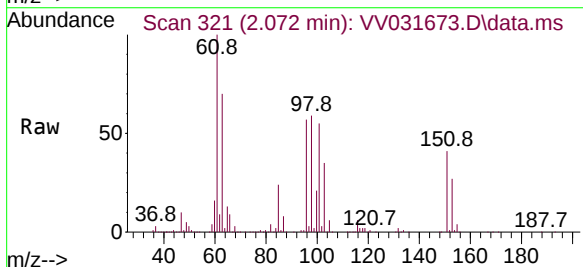
Tgt Ion: 96 Resp: 298956

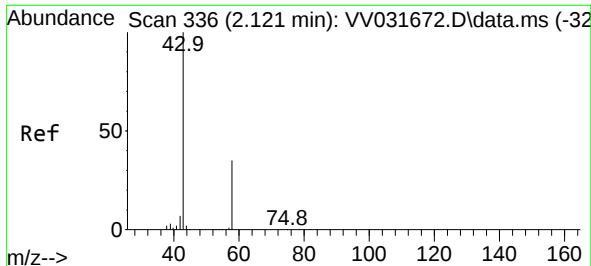
Ion Ratio Lower Upper

96 100

61 174.7 118.3 219.7

63 122.7 96.8 179.8





#13

Acetone

Concen: 218.477 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

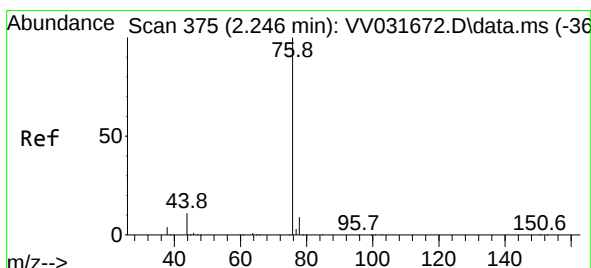
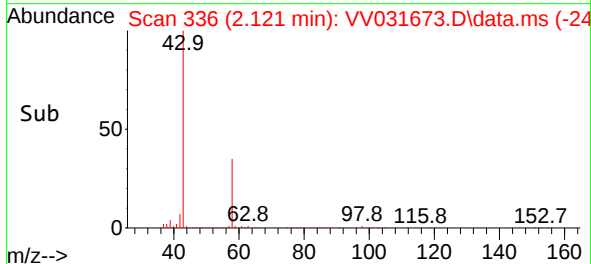
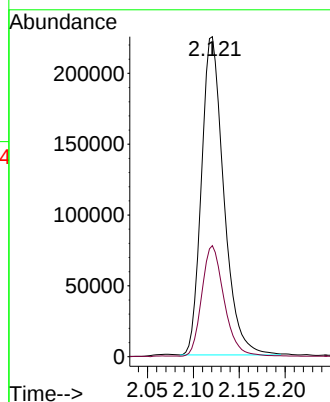
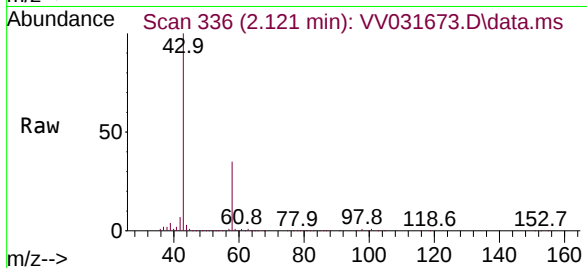
ClientSampleId :

Tgt Ion: 43 Resp: 382030

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.0



#14

Carbon disulfide

Concen: 122.655 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031673.D

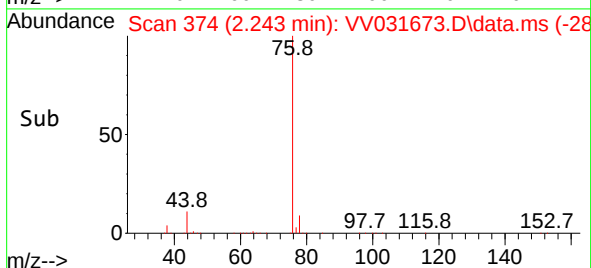
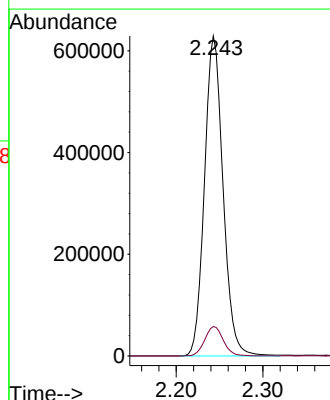
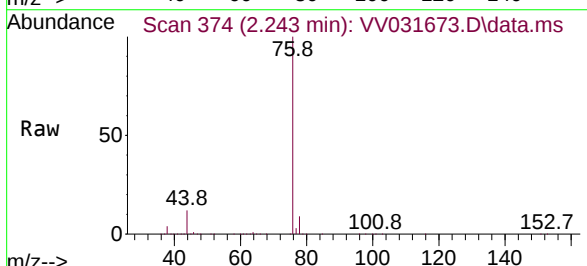
Acq: 11 Jul 2023 11:43

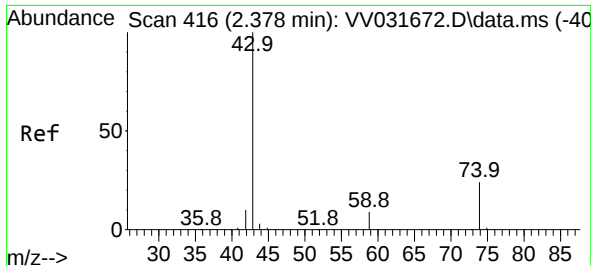
Tgt Ion: 76 Resp: 937161

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

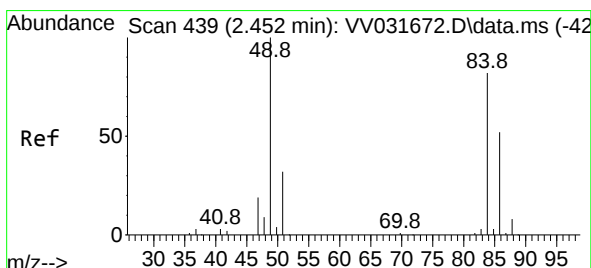
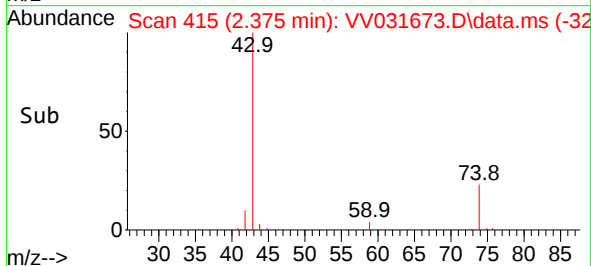
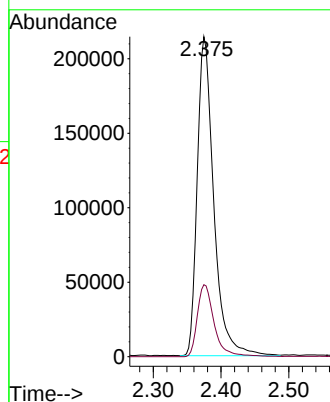
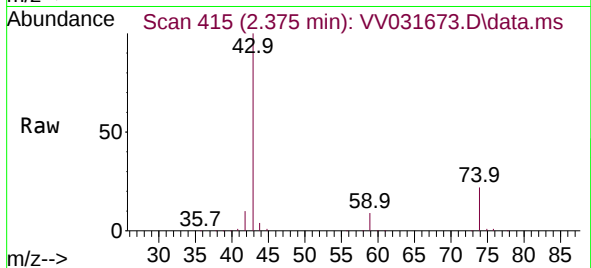




#15
Methyl Acetate
Concen: 121.799 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV031673.D
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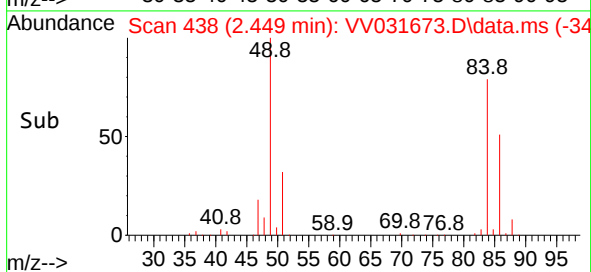
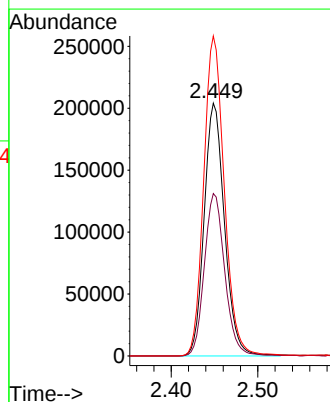
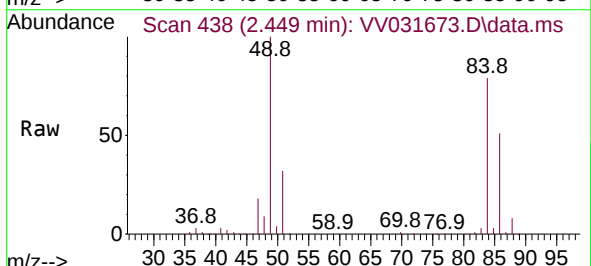
Instrument :
MSVOA_V
ClientSampleId :

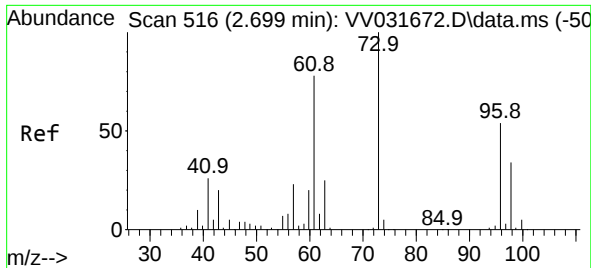
Tgt Ion: 43 Resp: 362147
Ion Ratio Lower Upper
43 100
74 23.1 19.5 29.3



#16
Methylene chloride
Concen: 107.478 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 84 Resp: 332794
Ion Ratio Lower Upper
84 100
86 64.3 44.5 82.7
49 126.6 85.3 158.5





#17

trans-1,2-Dichloroethene

Concen: 116.510 ug/L

RT: 2.696 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

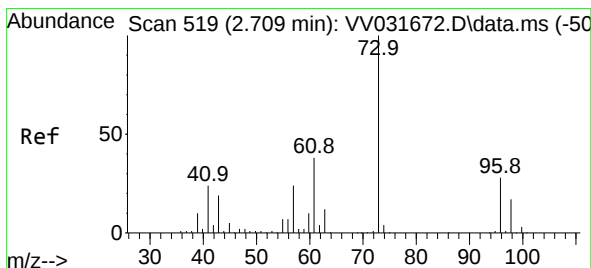
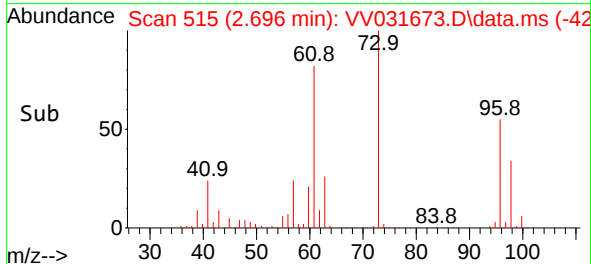
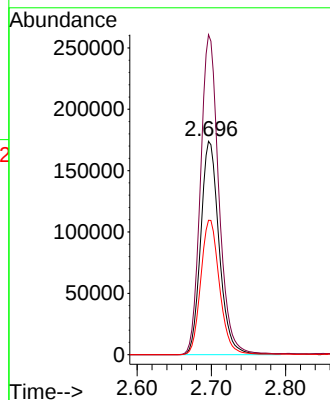
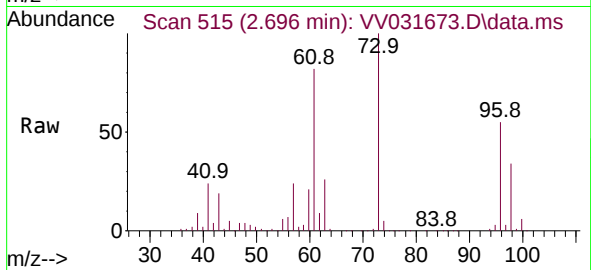
Tgt Ion: 96 Resp: 299805

Ion Ratio Lower Upper

96 100

61 149.9 101.6 188.6

98 63.0 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 116.038 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

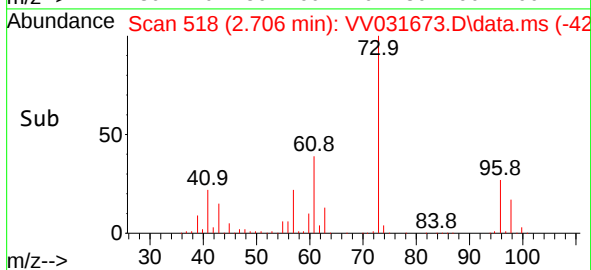
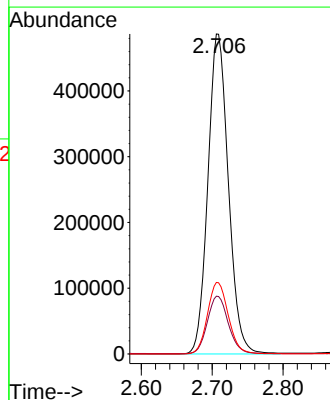
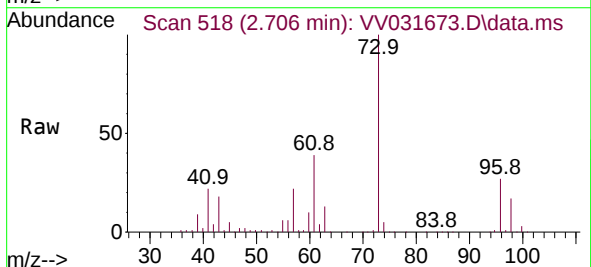
Tgt Ion: 73 Resp: 976373

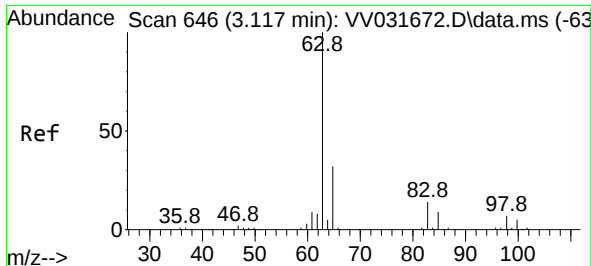
Ion Ratio Lower Upper

73 100

43 18.3 15.0 22.4

57 22.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 104.987 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

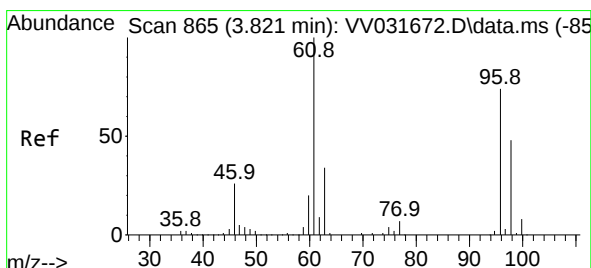
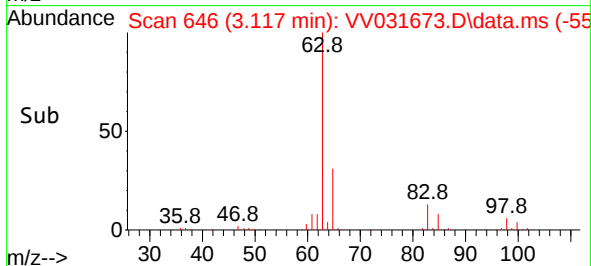
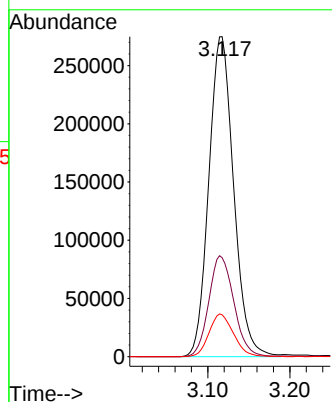
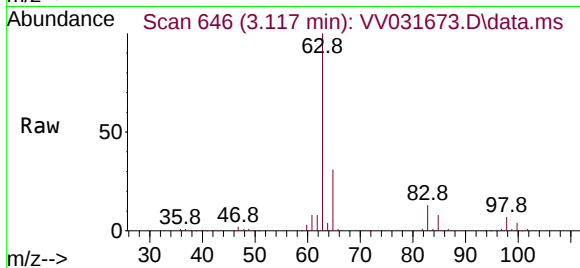
Tgt Ion: 63 Resp: 578336

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 13.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 112.738 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

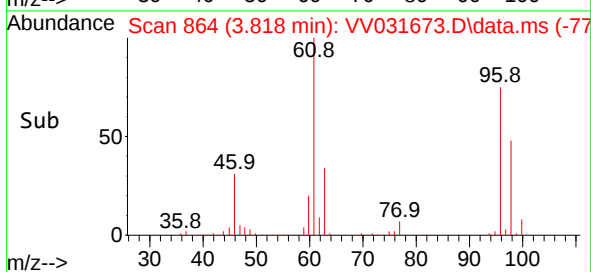
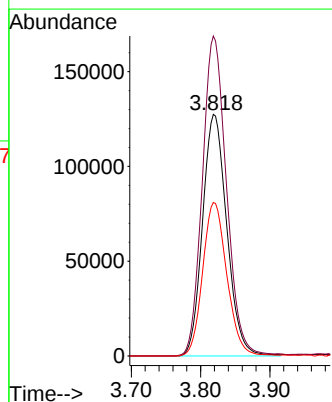
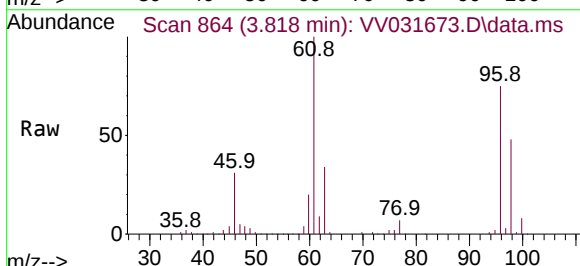
Tgt Ion: 96 Resp: 310342

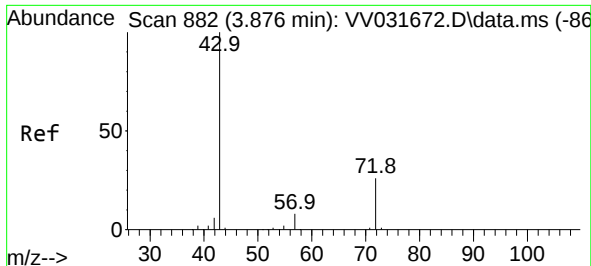
Ion Ratio Lower Upper

96 100

61 132.5 90.6 168.2

98 63.5 43.8 81.3

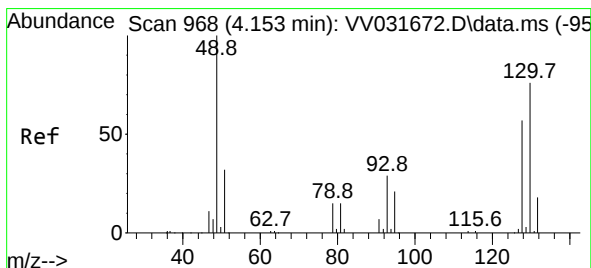
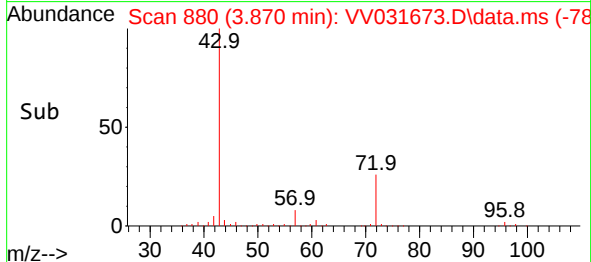
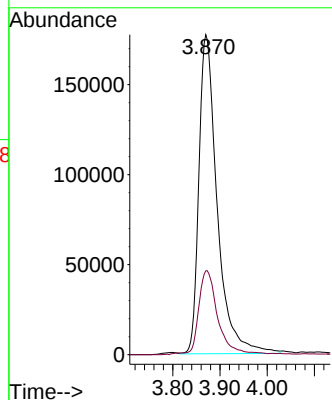
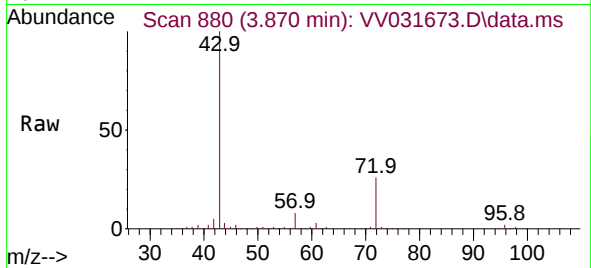




#22
2-Butanone
Concen: 215.491 ug/L
RT: 3.870 min Scan# 882
Delta R.T. -0.006 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

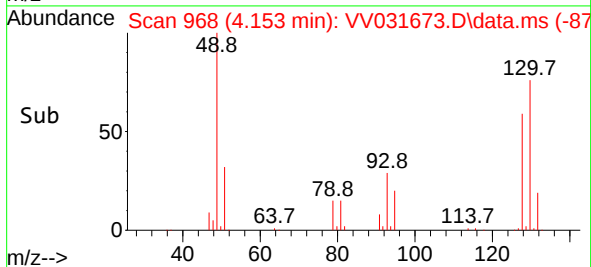
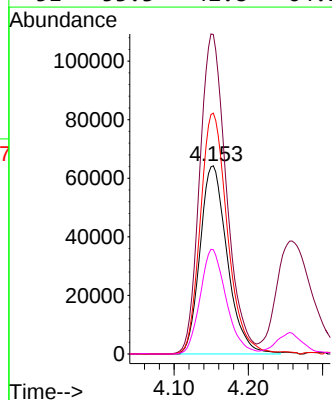
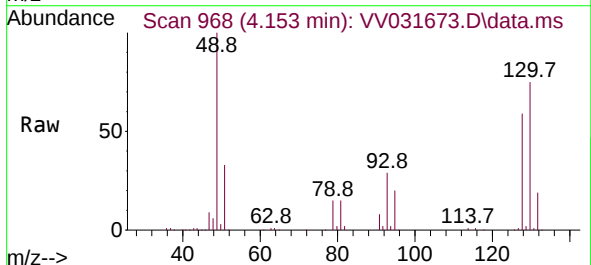
Instrument :
MSVOA_V
ClientSampleId :

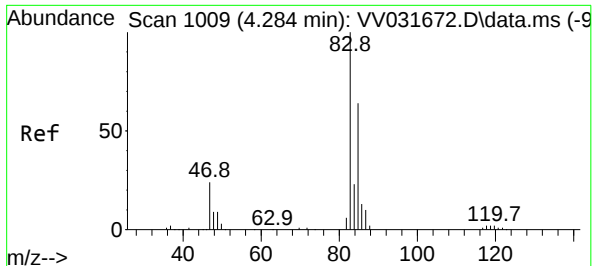
Tgt Ion: 43 Resp: 476978
Ion Ratio Lower Upper
43 100
72 25.6 12.7 38.0



#23
Bromochloromethane
Concen: 108.083 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion:128 Resp: 163279
Ion Ratio Lower Upper
128 100
49 163.1 117.9 218.9
130 124.8 89.1 165.5
51 53.3 42.8 64.2





#25

Chloroform

Concen: 102.029 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

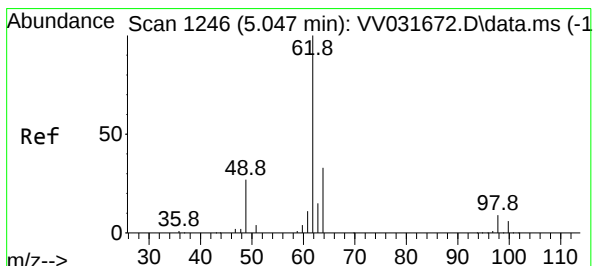
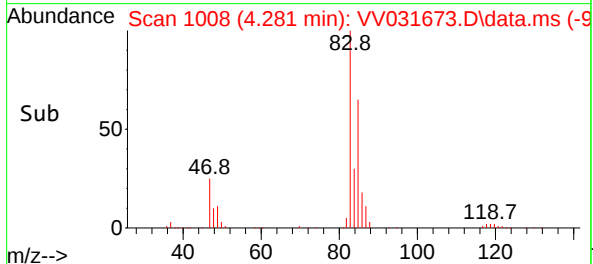
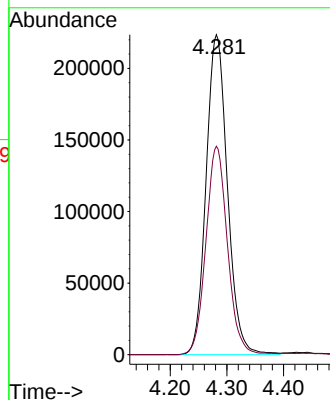
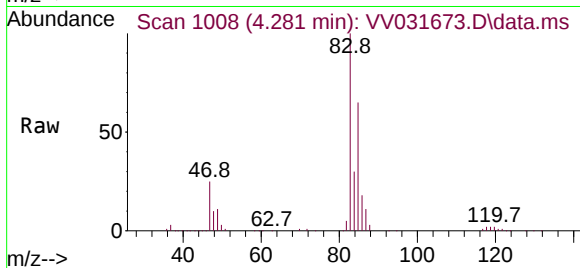
ClientSampleId :

Tgt Ion: 83 Resp: 584753

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 109.918 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV031673.D

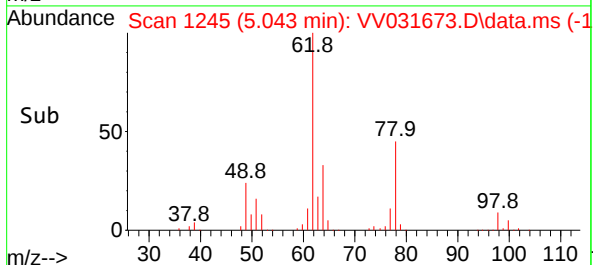
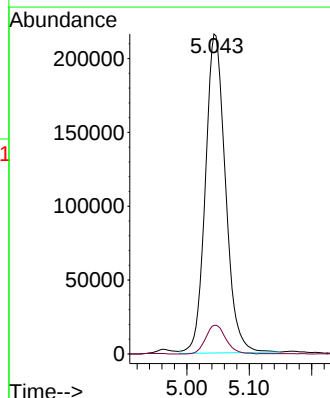
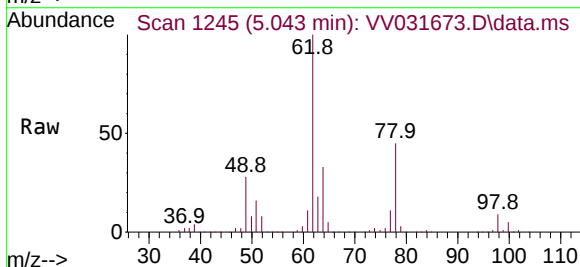
Acq: 11 Jul 2023 11:43

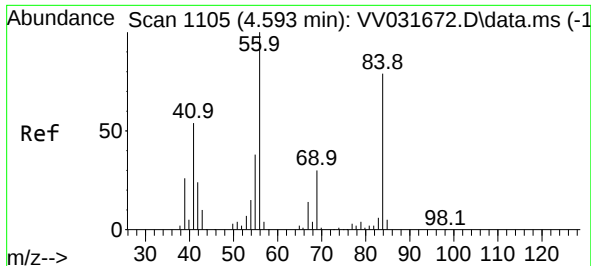
Tgt Ion: 62 Resp: 482823

Ion Ratio Lower Upper

62 100

98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 118.027 ug/L

RT: 4.590 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

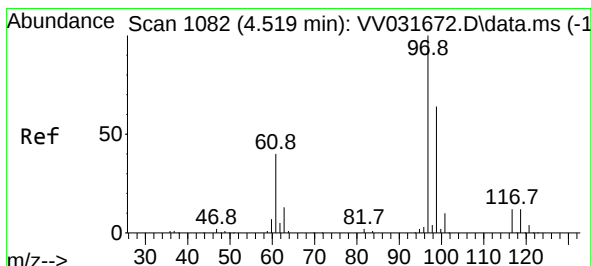
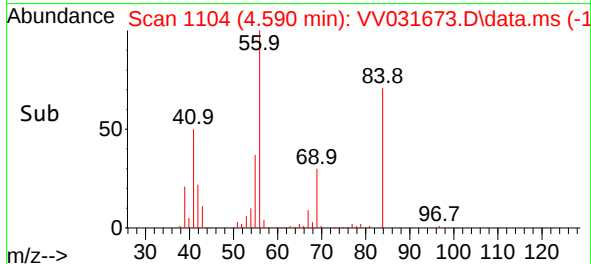
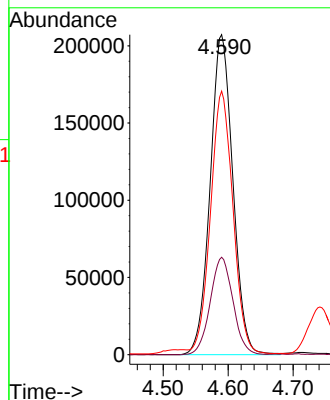
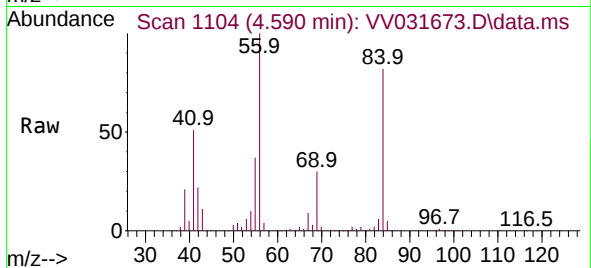
Tgt Ion: 56 Resp: 503443

Ion Ratio Lower Upper

56 100

69 30.5 24.1 36.1

84 81.3 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 101.551 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

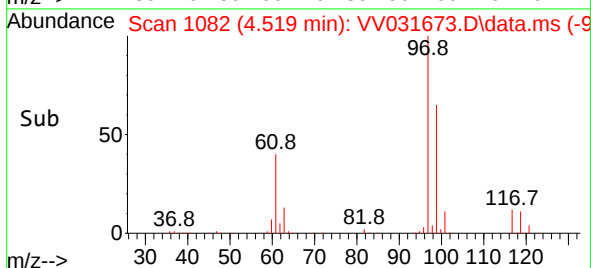
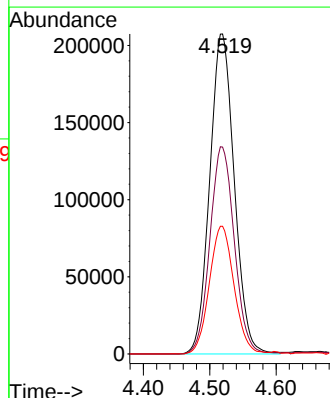
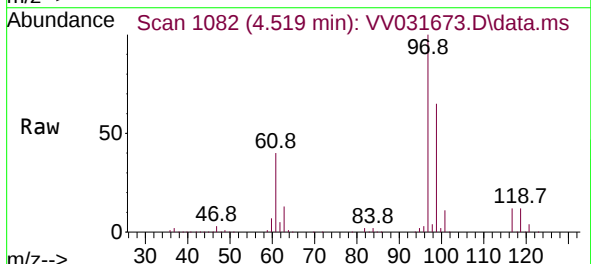
Tgt Ion: 97 Resp: 533567

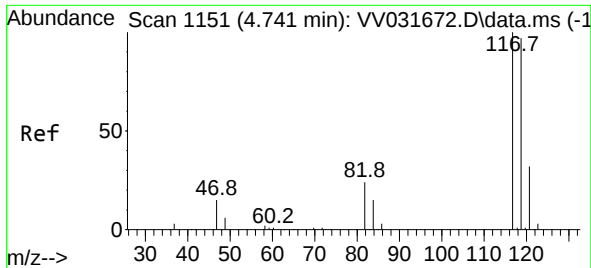
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 40.2 32.2 48.2

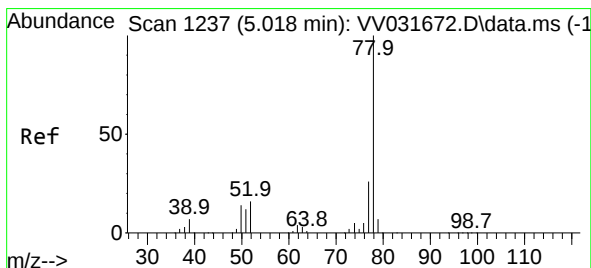
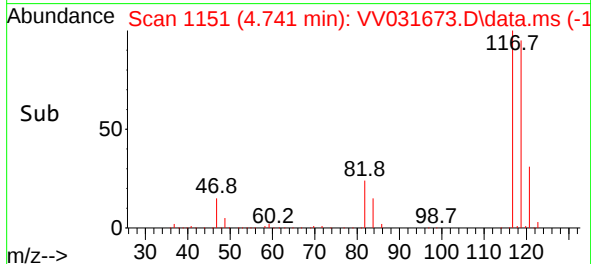
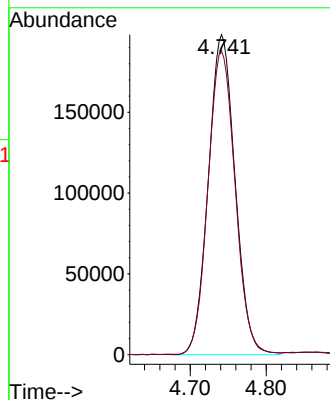
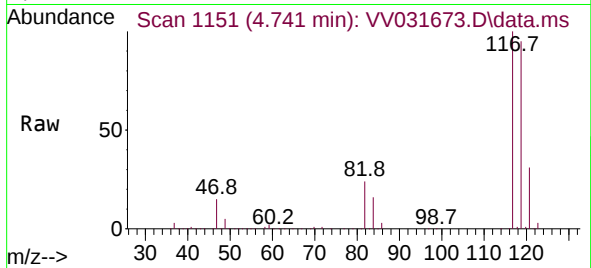




#31
Carbon tetrachloride
Concen: 104.150 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

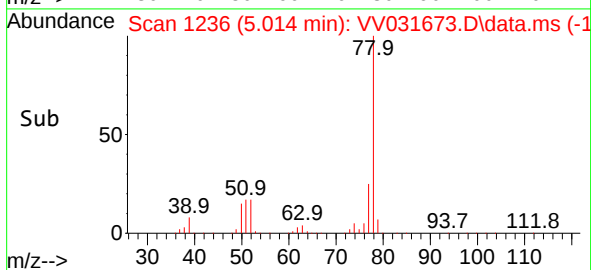
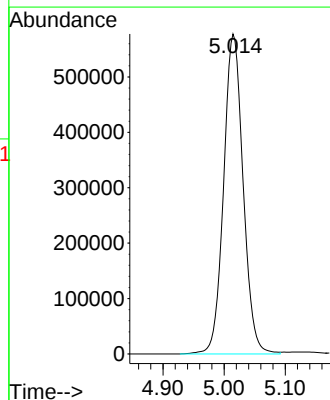
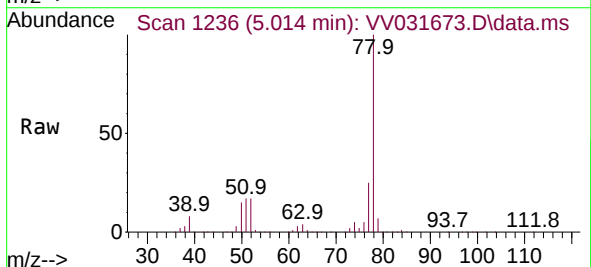
Instrument :
MSVOA_V
ClientSampleId :

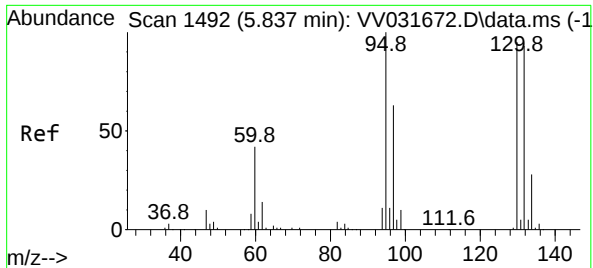
Tgt Ion:117 Resp: 484663
Ion Ratio Lower Upper
117 100
119 95.7 78.0 117.0



#33
Benzene
Concen: 116.757 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 78 Resp: 1279519



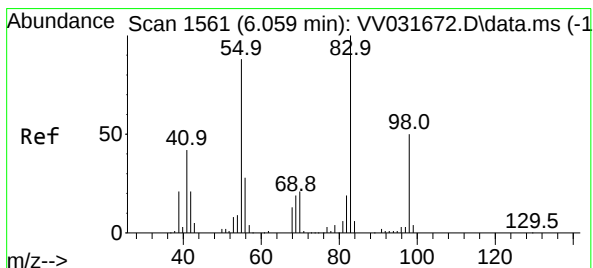
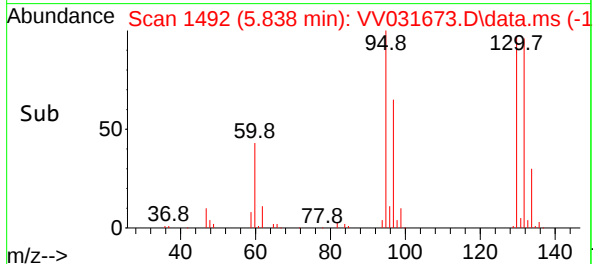
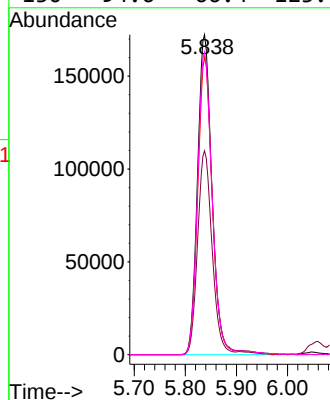
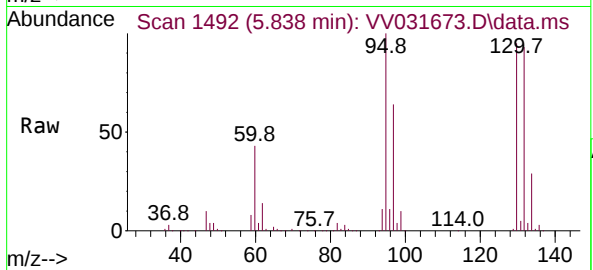


#34
Trichloroethene
Concen: 115.717 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 343116

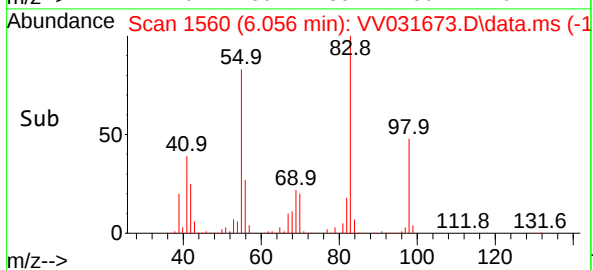
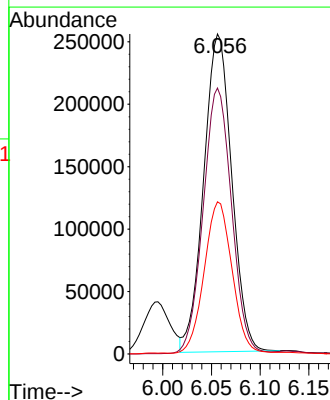
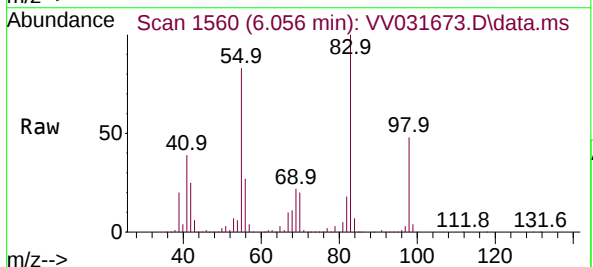
Ion	Ratio	Lower	Upper
95	100		
97	63.7	47.0	87.2
132	96.9	64.8	120.4
130	94.6	66.4	123.4

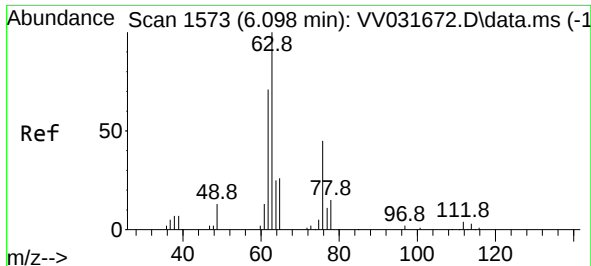


#35
Methylcyclohexane
Concen: 118.960 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 83 Resp: 510177

Ion	Ratio	Lower	Upper
83	100		
55	85.0	69.4	104.2
98	47.2	38.2	57.2





#37

1,2-Dichloropropane

Concen: 114.583 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

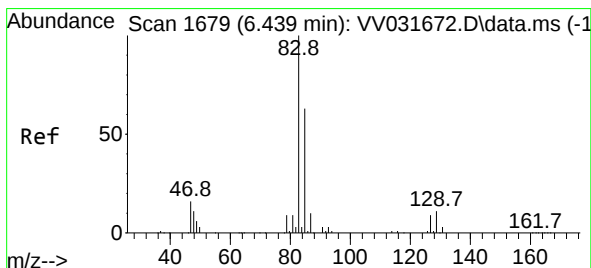
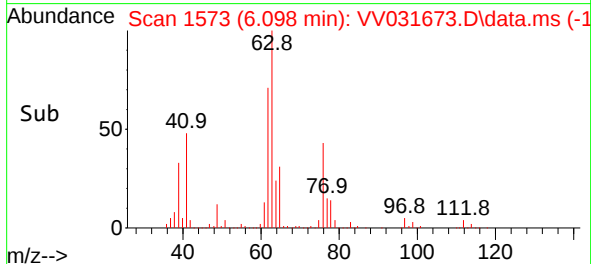
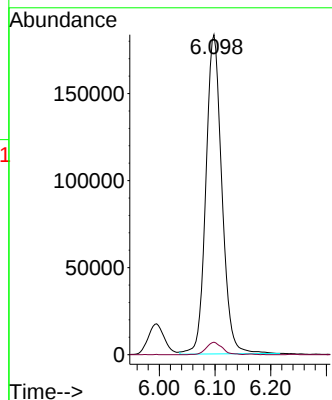
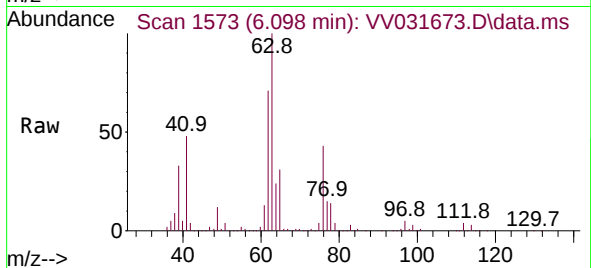
ClientSampleId :

Tgt Ion: 63 Resp: 366524

Ion Ratio Lower Upper

63 100

112 3.9 3.7 5.5



#38

Bromodichloromethane

Concen: 111.235 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

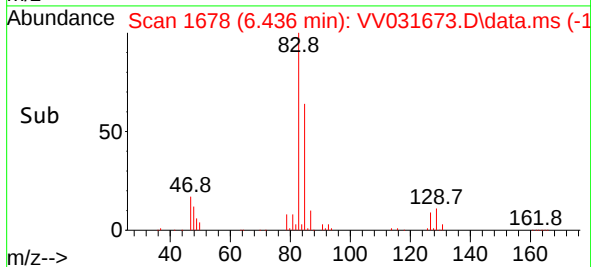
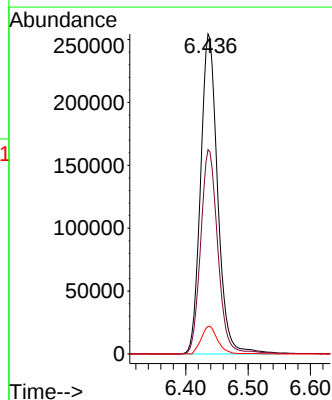
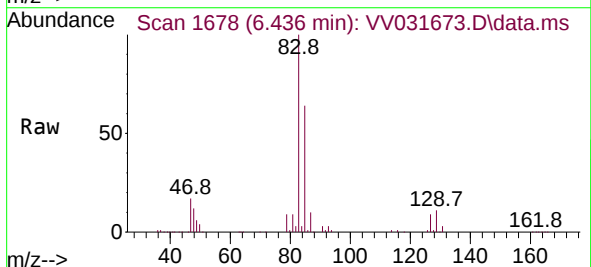
Tgt Ion: 83 Resp: 484067

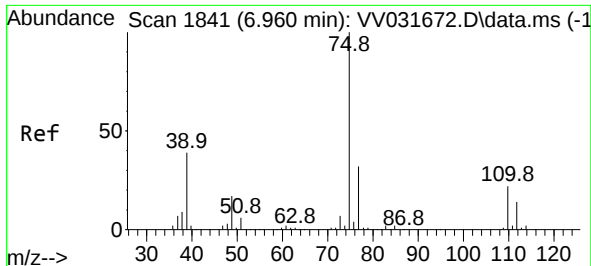
Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.0

127 9.5 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 123.080 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

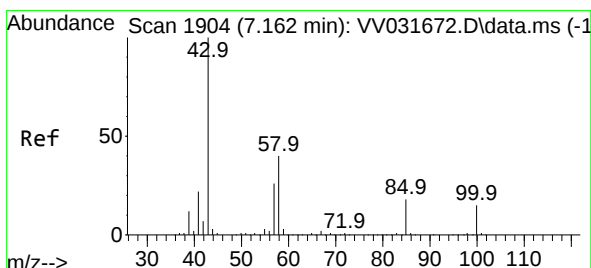
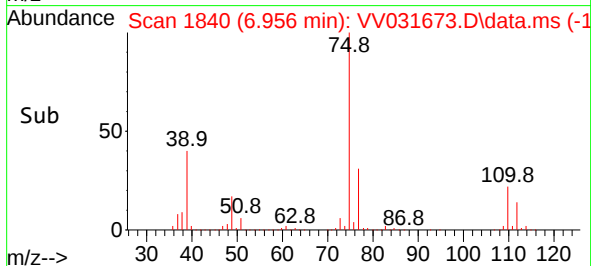
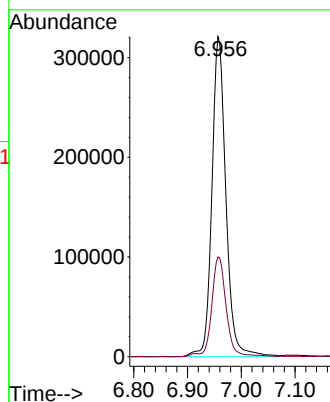
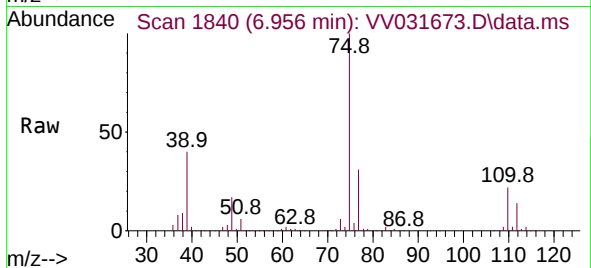
ClientSampleId :

Tgt Ion: 75 Resp: 581701

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 265.134 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

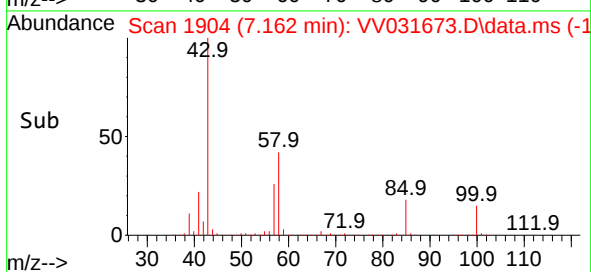
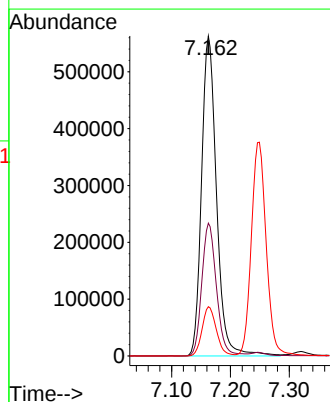
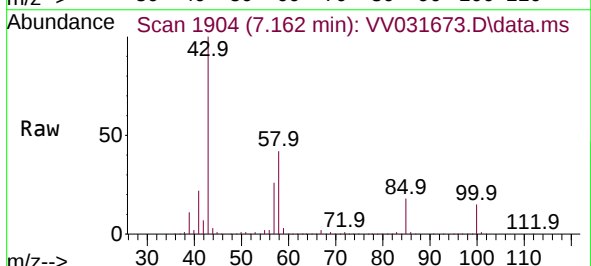
Tgt Ion: 43 Resp: 994613

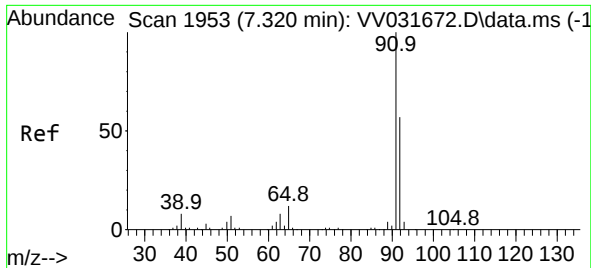
Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1

100 14.7 12.1 18.1

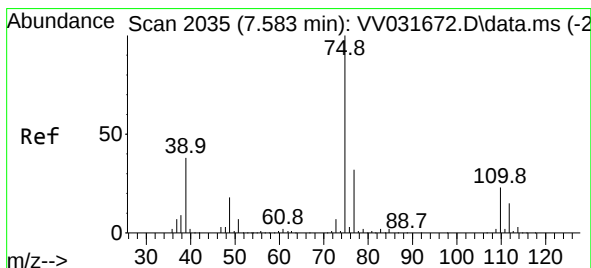
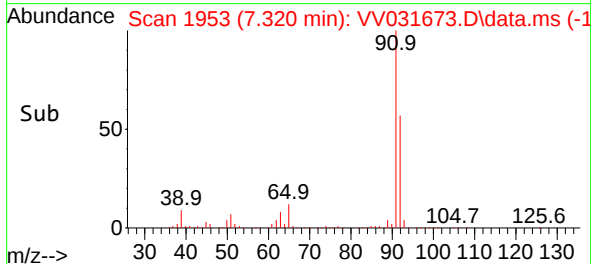
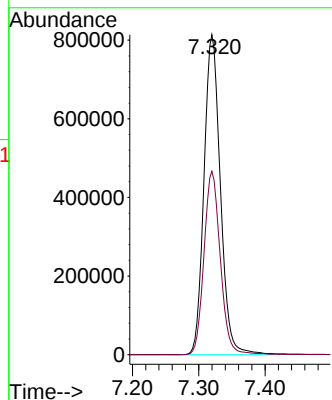
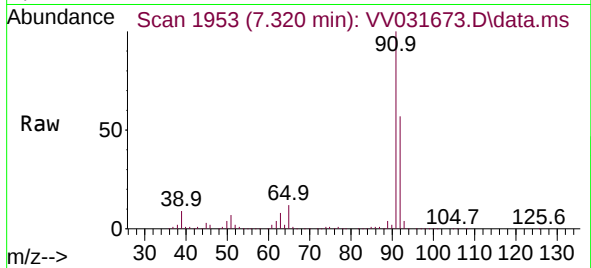




#42
Toluene
Concen: 122.763 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

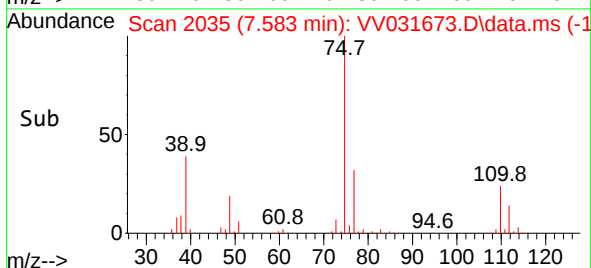
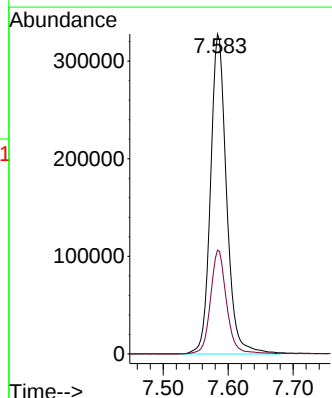
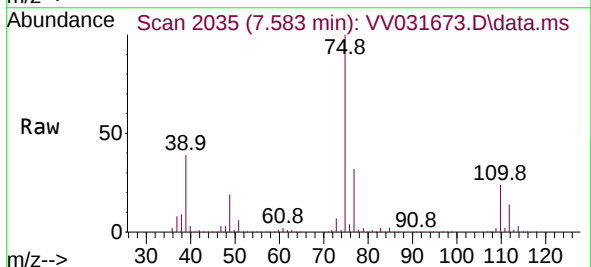
Instrument :
MSVOA_V
ClientSampleId :

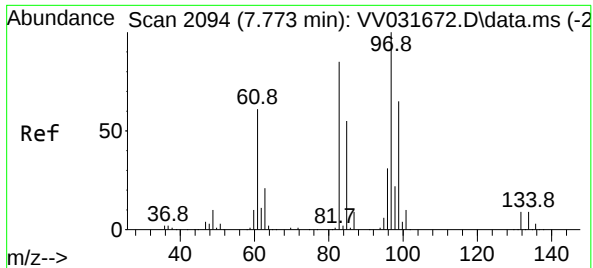
Tgt Ion: 91 Resp: 1398855
Ion Ratio Lower Upper
91 100
92 57.3 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 121.941 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 75 Resp: 562899
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 112.515 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 343138

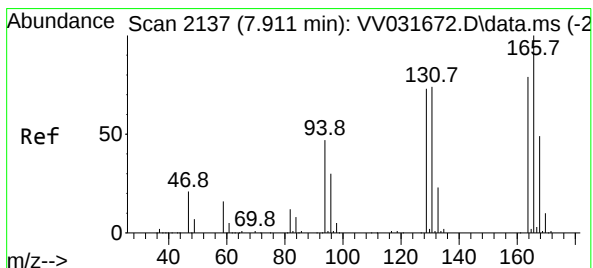
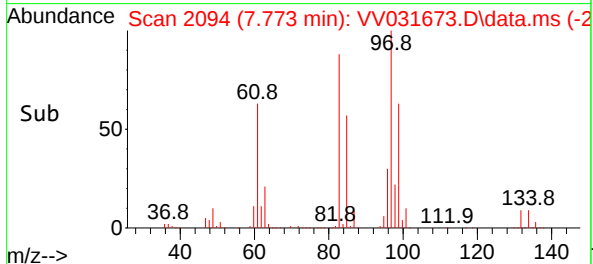
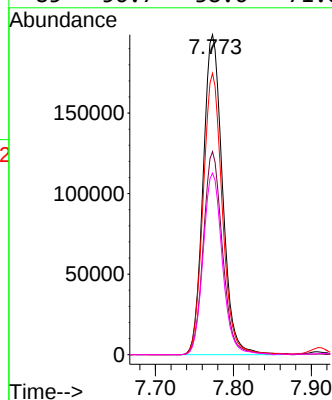
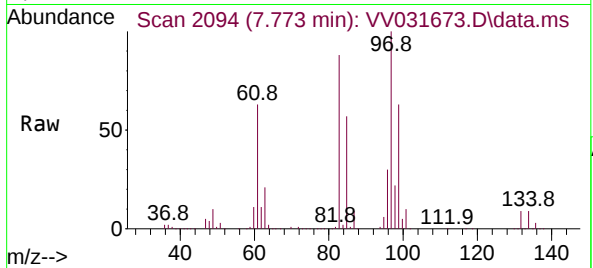
Ion Ratio Lower Upper

97 100

99 63.4 45.2 84.0

83 88.0 59.5 110.5

85 56.7 38.6 71.8



#46

Tetrachloroethene

Concen: 112.258 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Tgt Ion:164 Resp: 259756

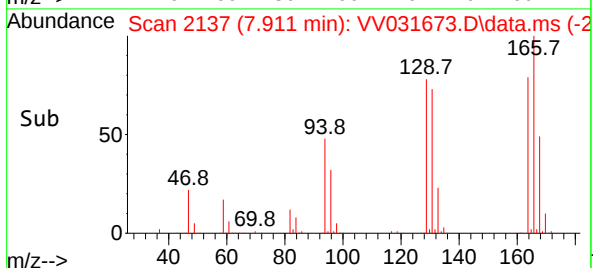
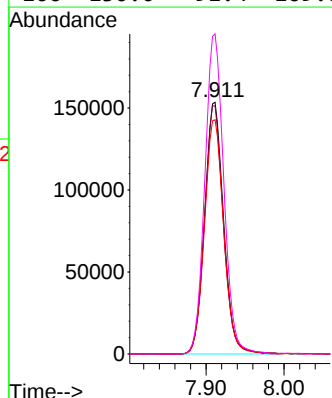
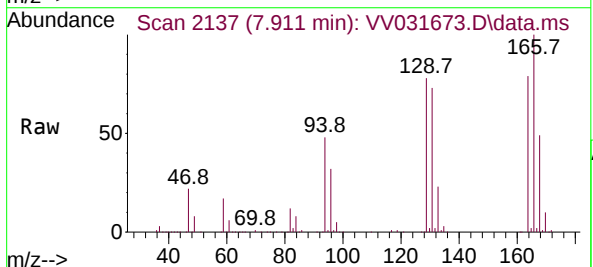
Ion Ratio Lower Upper

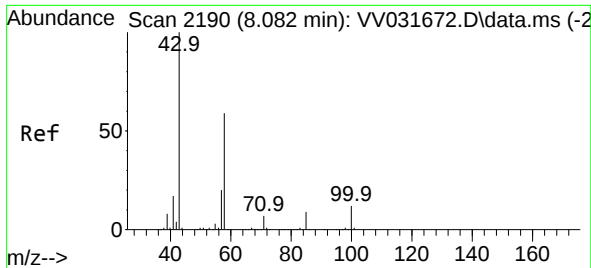
164 100

129 98.5 65.2 121.0

131 95.2 67.1 124.7

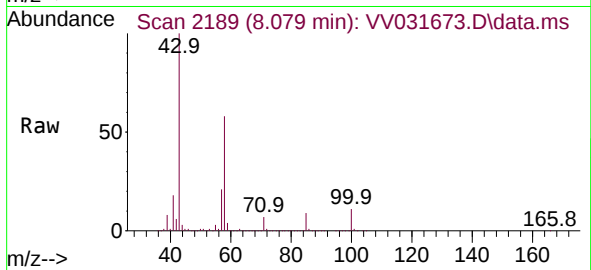
166 130.0 91.4 169.8





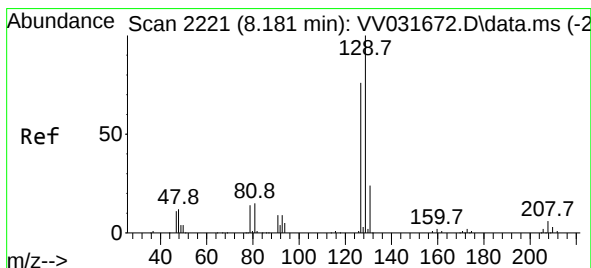
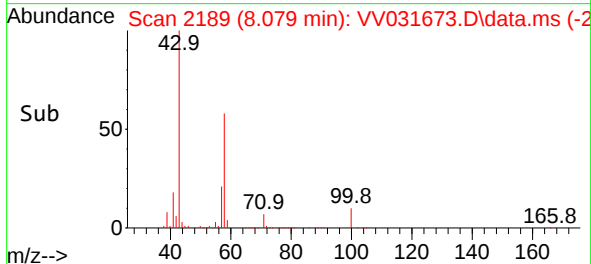
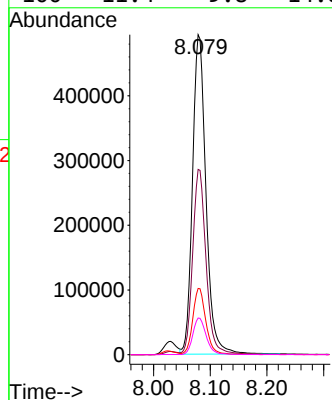
#48
2-Hexanone
Concen: 267.223 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 812542

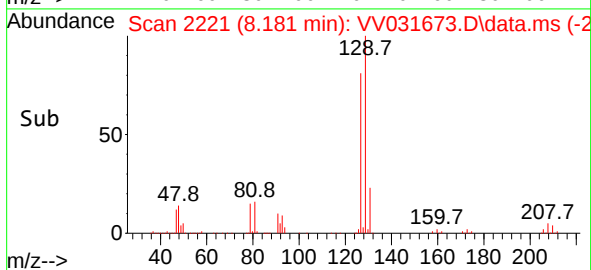
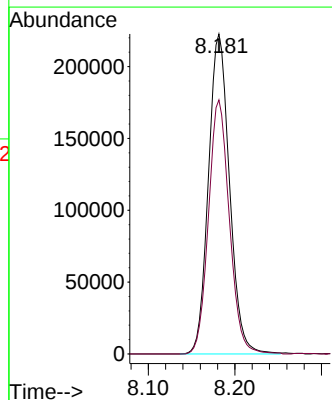
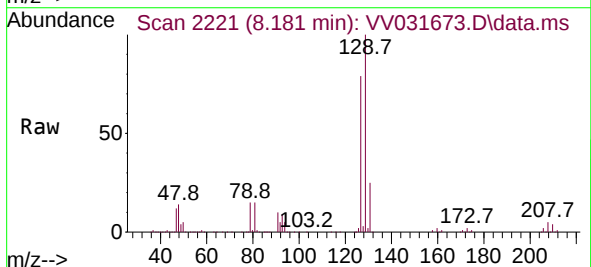
Ion	Ratio	Lower	Upper
43	100		
58	57.1	46.3	69.5
57	20.1	16.8	25.2
100	11.4	9.8	14.8

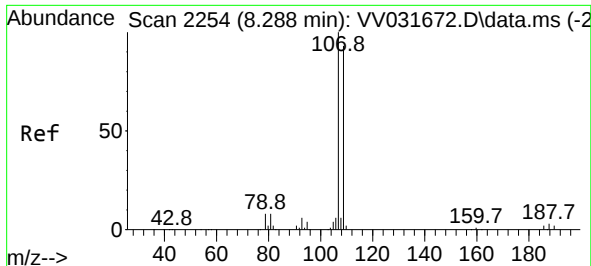


#49
Dibromochloromethane
Concen: 110.783 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 129 Resp: 376433

Ion	Ratio	Lower	Upper
129	100		
127	82.3	55.2	102.6





#50

1,2-Dibromoethane

Concen: 115.186 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

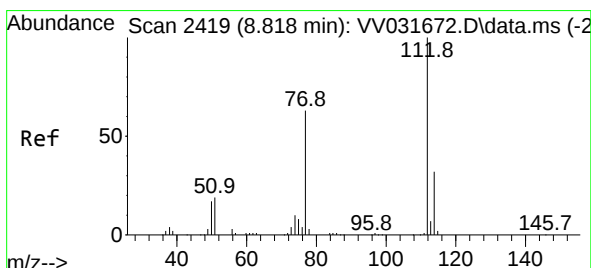
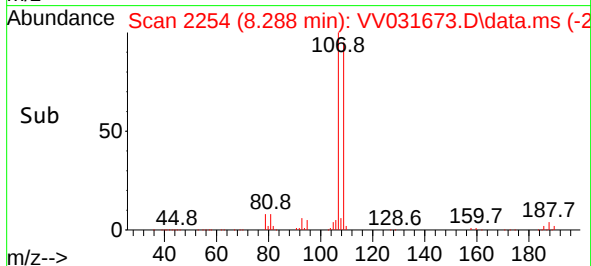
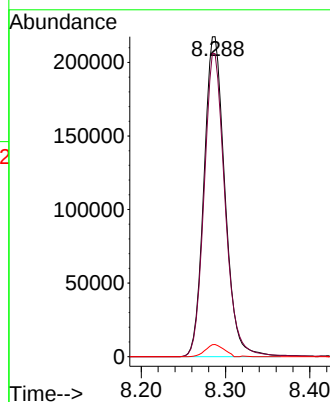
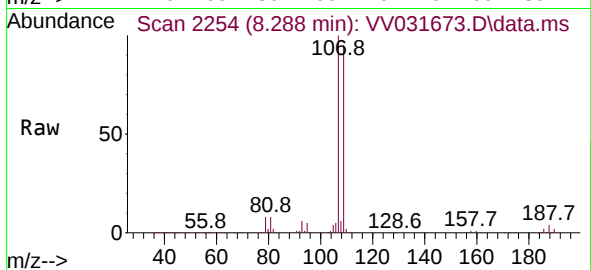
Tgt Ion:107 Resp: 375229

Ion Ratio Lower Upper

107 100

109 94.7 65.4 121.4

188 3.9 2.8 4.2



#51

Chlorobenzene

Concen: 109.055 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

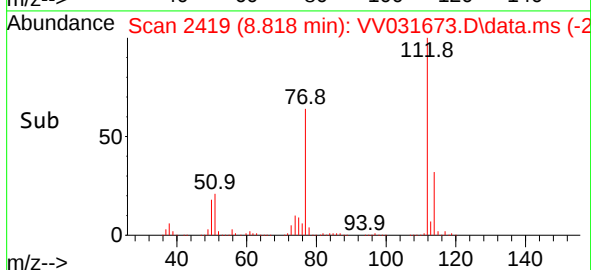
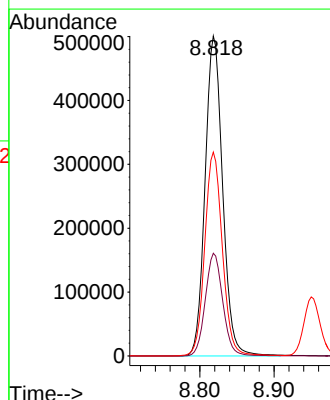
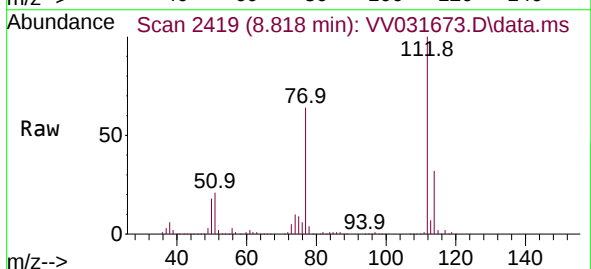
Tgt Ion:112 Resp: 821302

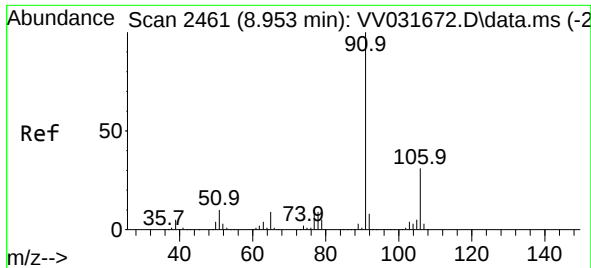
Ion Ratio Lower Upper

112 100

114 32.1 22.2 41.2

77 63.7 50.6 76.0

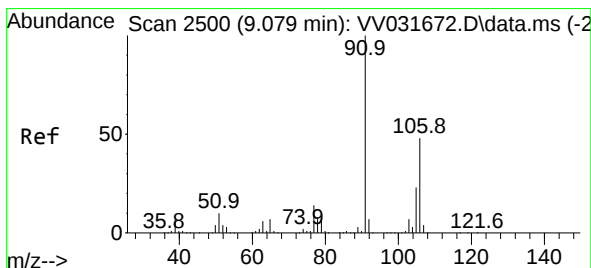
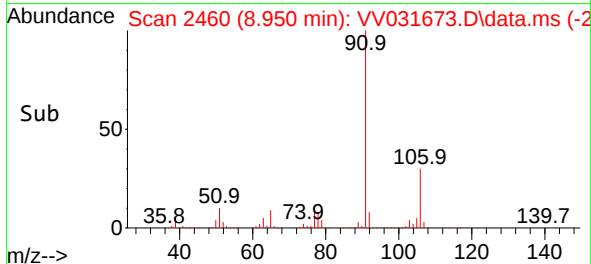
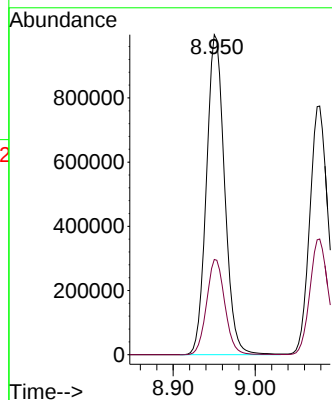
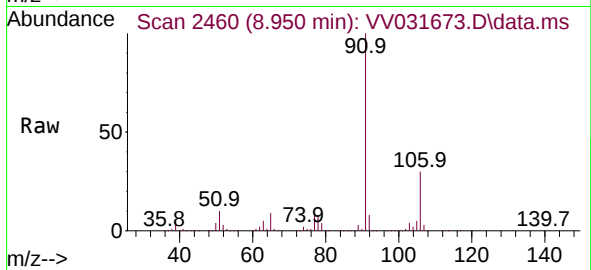




#52
Ethylbenzene
Concen: 121.907 ug/L
RT: 8.950 min Scan# 2461
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

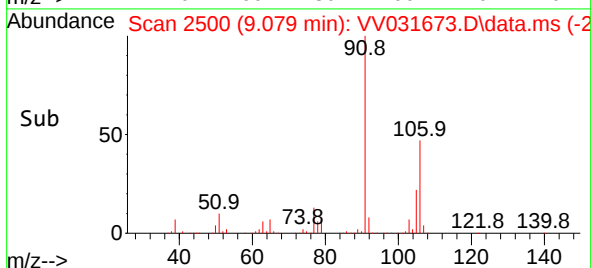
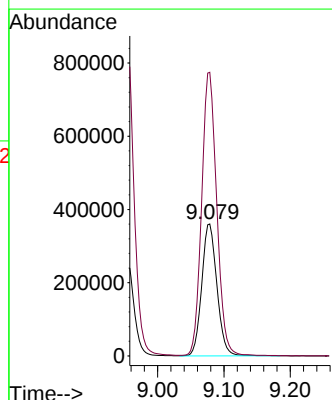
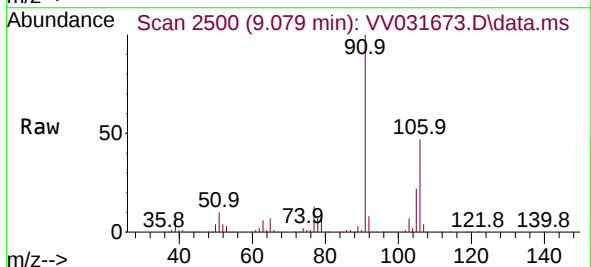
Instrument :
MSVOA_V
ClientSampleId :

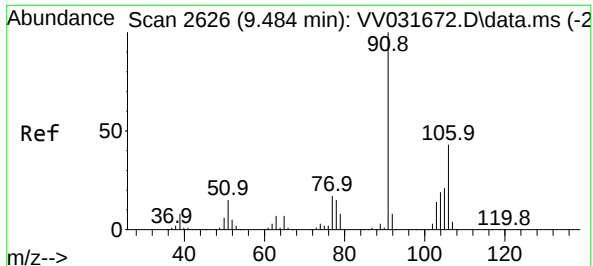
Tgt Ion: 91 Resp: 1535573
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9



#53
m,p-Xylene
Concen: 123.044 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Tgt Ion: 106 Resp: 572647
Ion Ratio Lower Upper
106 100
91 214.8 145.6 270.4





#54

o-Xylene

Concen: 119.795 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

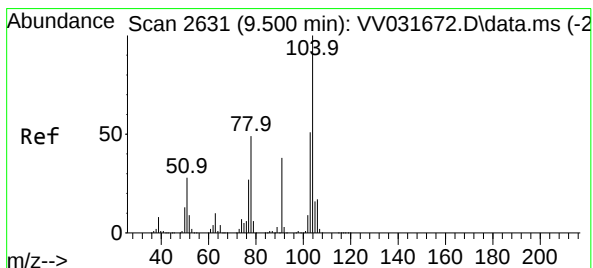
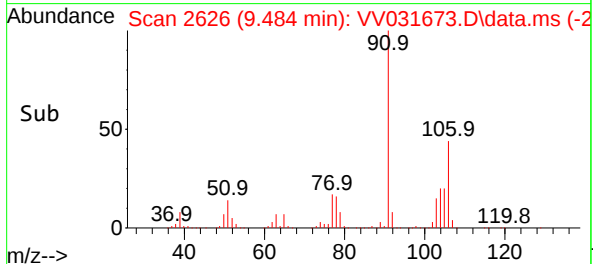
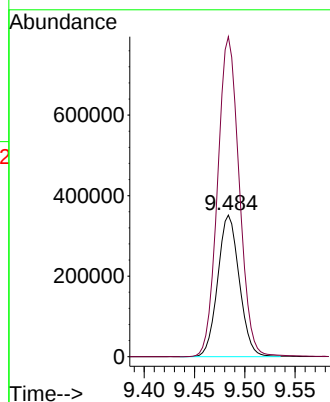
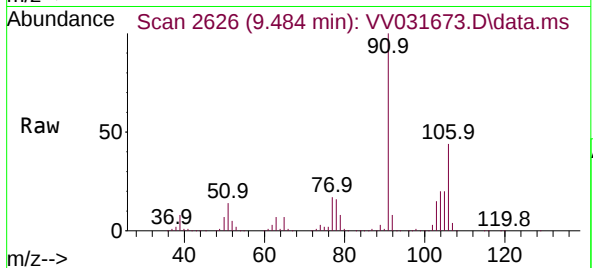
ClientSampleId :

Tgt Ion:106 Resp: 524480

Ion Ratio Lower Upper

106 100

91 225.9 163.0 302.6



#55

Styrene

Concen: 123.470 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.000 min

Lab File: VV031673.D

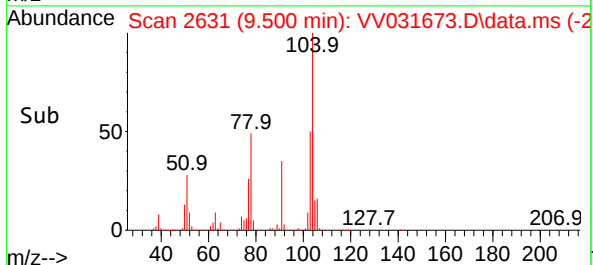
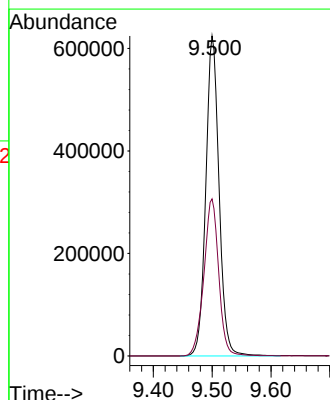
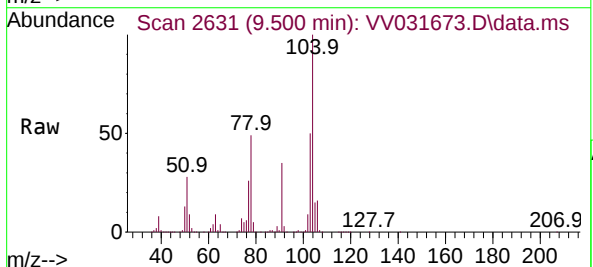
Acq: 11 Jul 2023 11:43

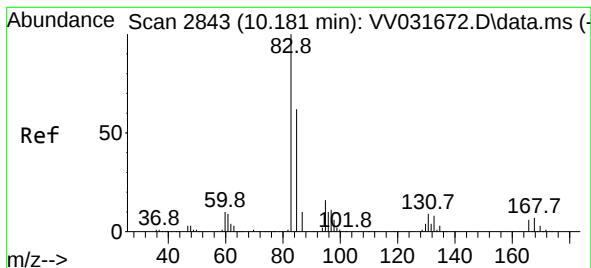
Tgt Ion:104 Resp: 977972

Ion Ratio Lower Upper

104 100

78 49.1 34.4 64.0

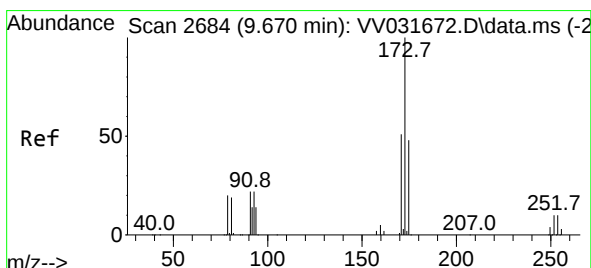
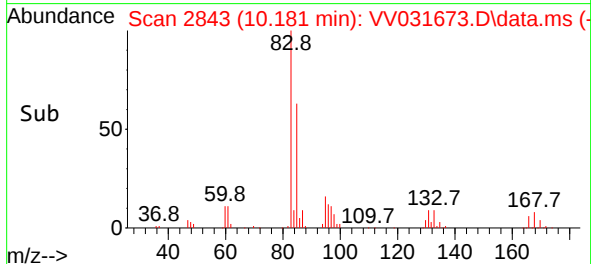
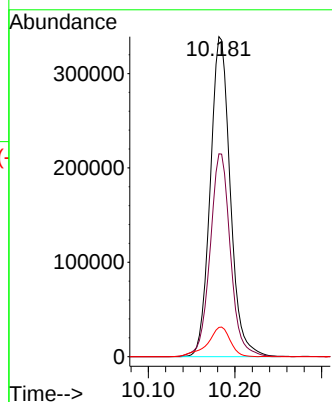
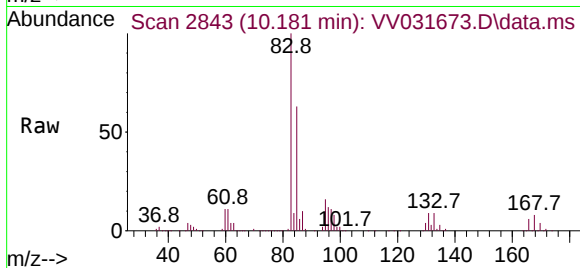




#57
1,1,2,2-Tetrachloroethane
Concen: 110.807 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

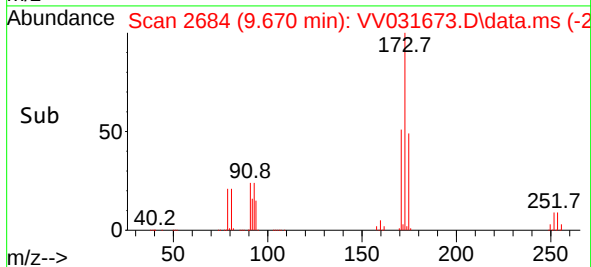
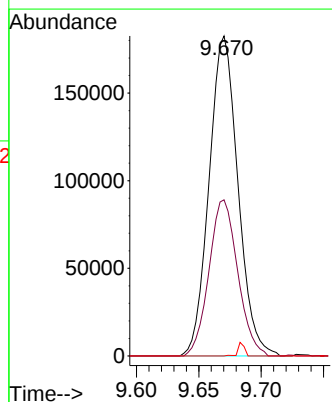
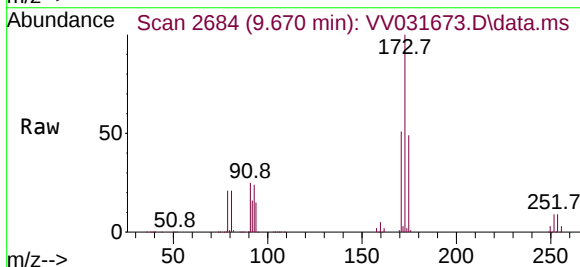
Instrument :
MSVOA_V
ClientSampleId :

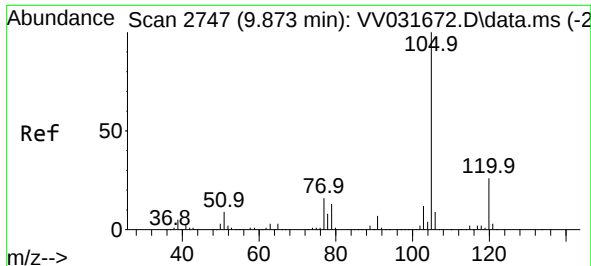
Tgt Ion: 83 Resp: 544369
Ion Ratio Lower Upper
83 100
85 63.4 43.4 80.6
131 12.6 10.9 16.3



#59
Bromoform
Concen: 113.440 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

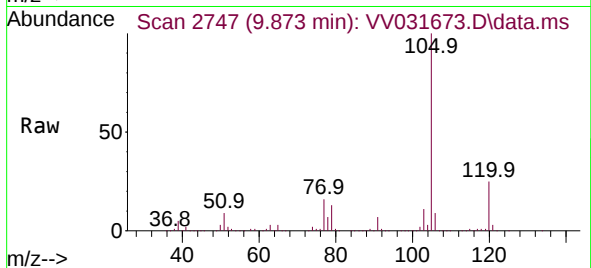
Tgt Ion: 173 Resp: 294598
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 0.1 6.9 10.3



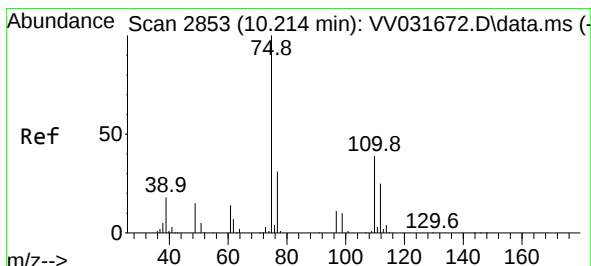
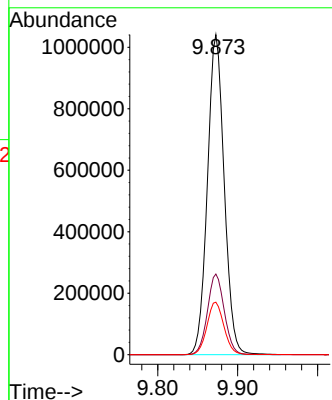
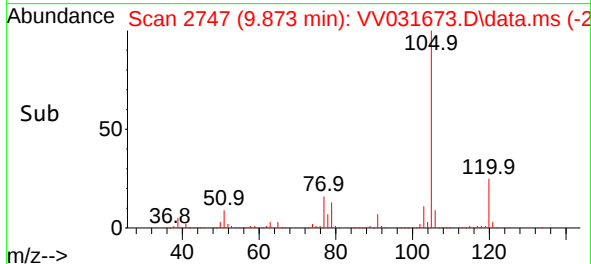


#60
Isopropylbenzene
Concen: 116.263 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

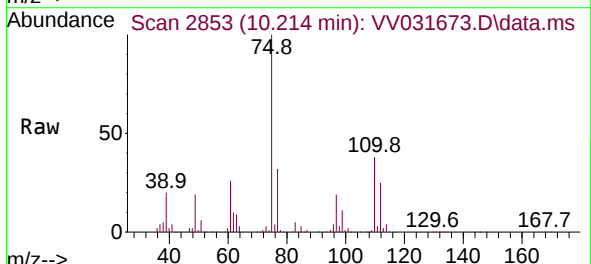
Instrument :
MSVOA_V
ClientSampleId :



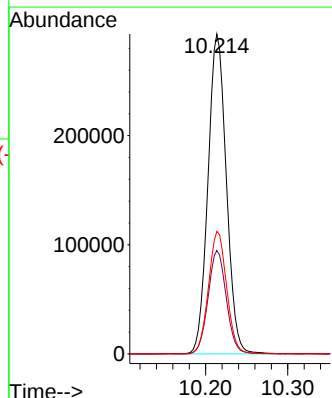
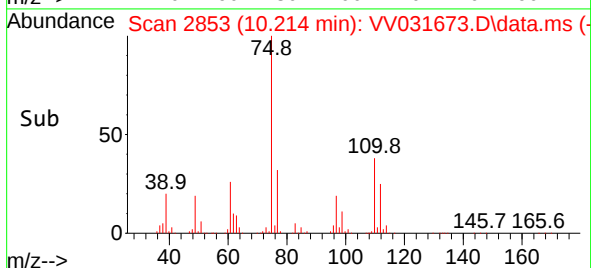
Tgt Ion:105 Resp: 1520589
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8
77 16.6 13.2 19.8

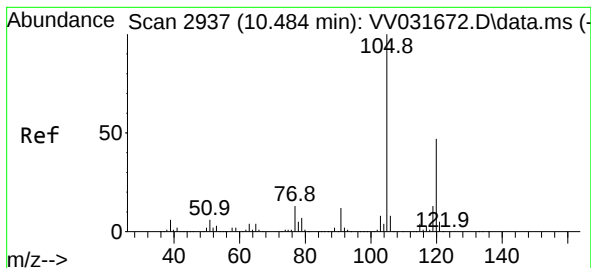


#61
1,2,3-Trichloropropane
Concen: 110.845 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43



Tgt Ion: 75 Resp: 456582
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7
110 38.1 31.4 47.0





#62

1,3,5-Trimethylbenzene

Concen: 117.470 ug/L

RT: 10.480 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

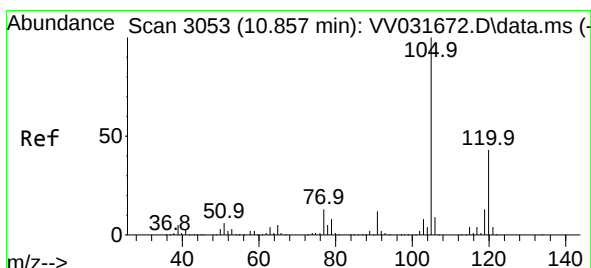
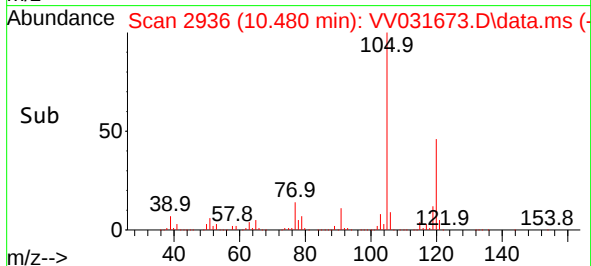
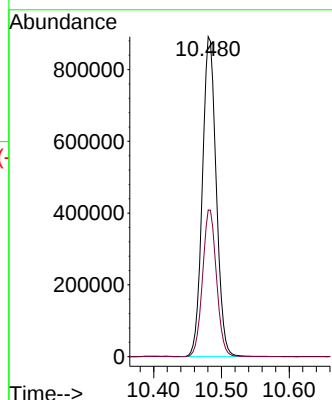
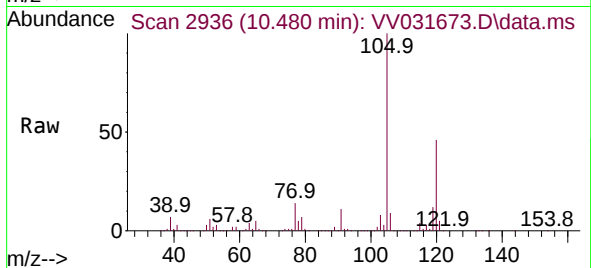
ClientSampleId :

Tgt Ion:105 Resp: 1264170

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 124.719 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031673.D

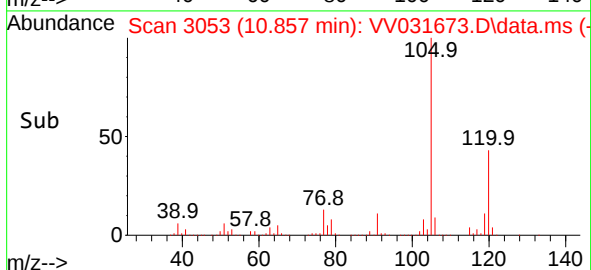
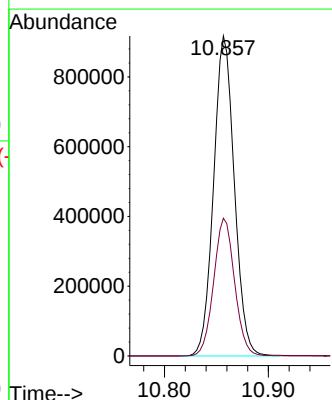
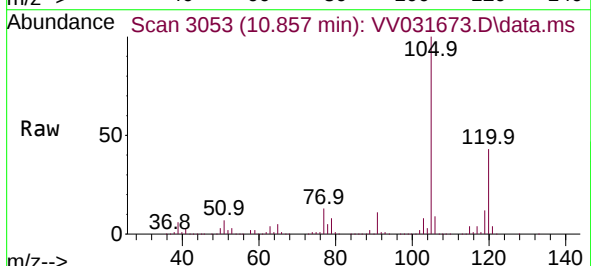
Acq: 11 Jul 2023 11:43

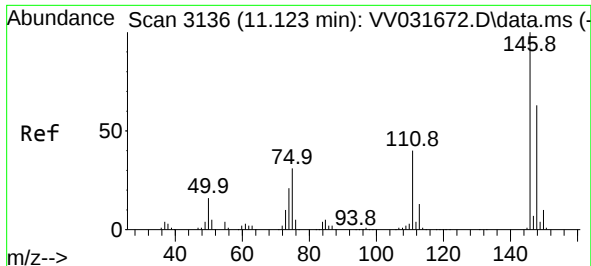
Tgt Ion:105 Resp: 1272525

Ion Ratio Lower Upper

105 100

120 43.2 34.7 52.1

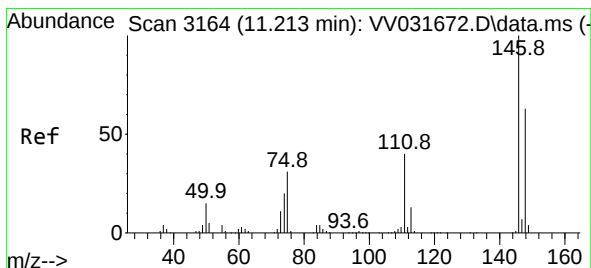
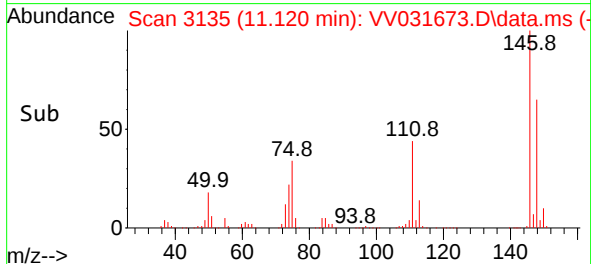
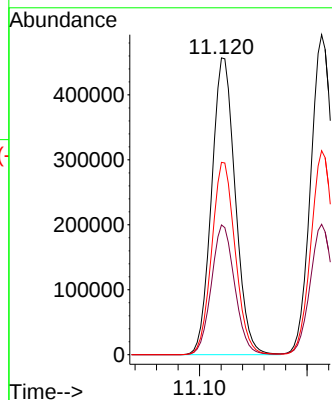
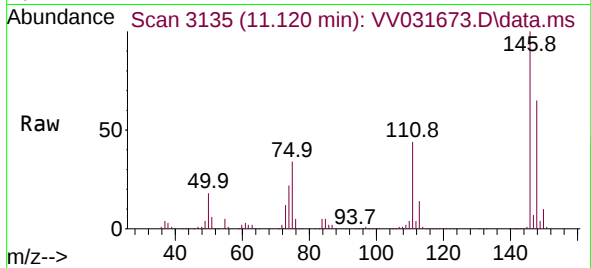




#64
1,3-Dichlorobenzene
Concen: 105.589 ug/L
RT: 11.120 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

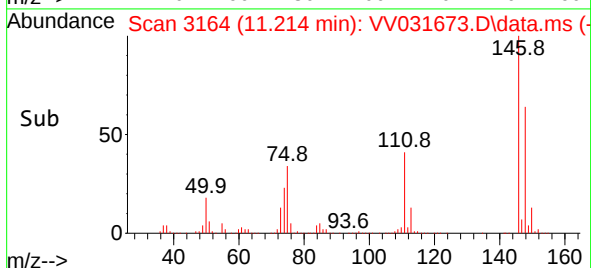
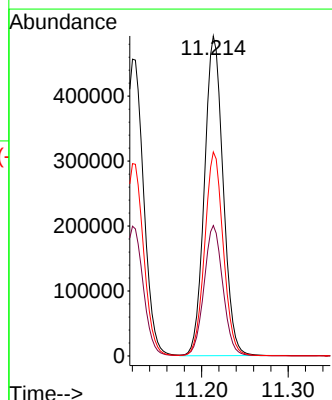
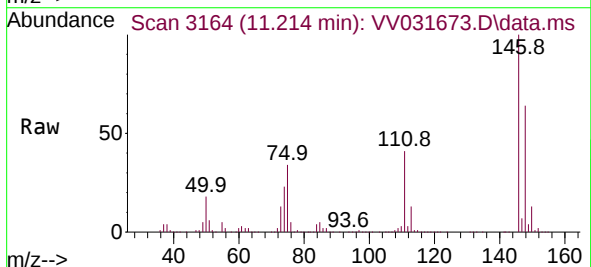
Instrument :
MSVOA_V
ClientSampleId :

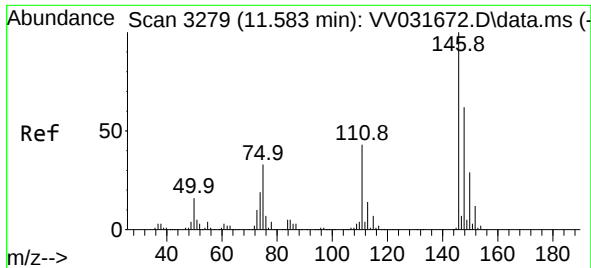
Tgt Ion:146 Resp: 700582
Ion Ratio Lower Upper
146 100
111 43.7 28.3 52.5
148 64.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 103.945 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

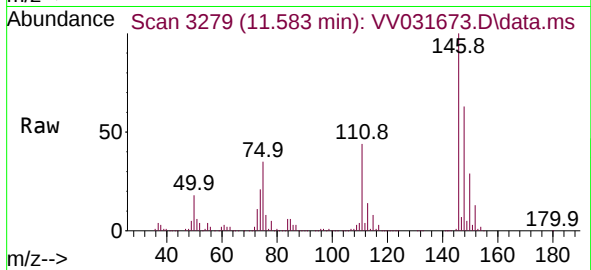
Tgt Ion:146 Resp: 736803
Ion Ratio Lower Upper
146 100
111 40.7 28.3 52.7
148 63.7 44.1 81.9



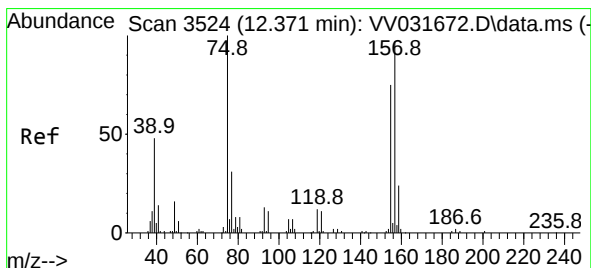
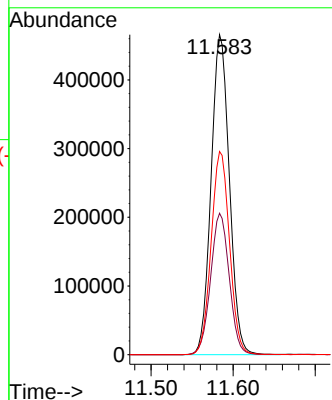
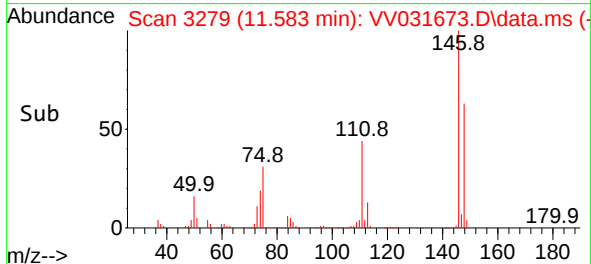


#67
1,2-Dichlorobenzene
Concen: 107.206 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

Instrument :
MSVOA_V
ClientSampleId :

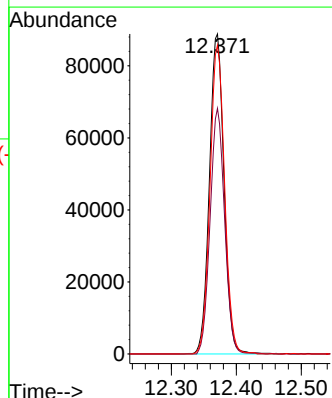
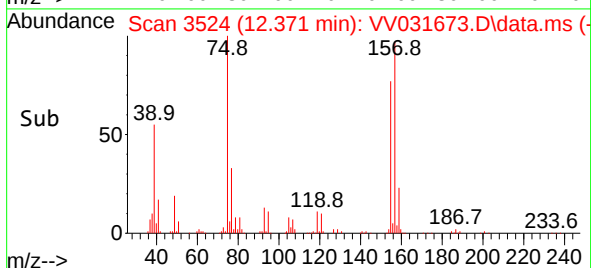
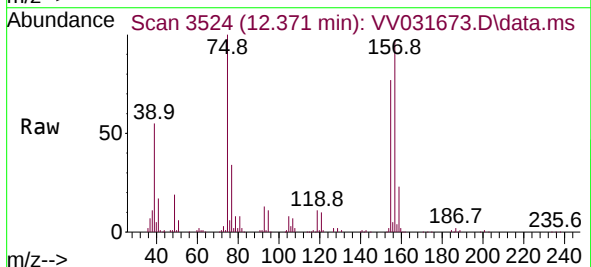


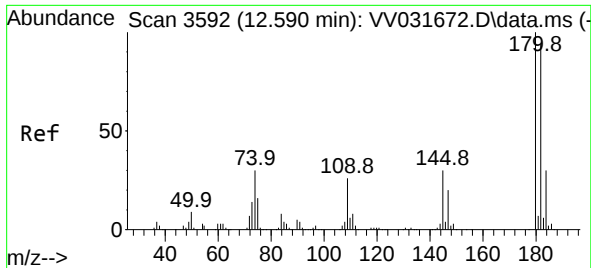
Tgt Ion:146 Resp: 719894
Ion Ratio Lower Upper
146 100
111 44.2 34.8 52.2
148 63.5 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 112.494 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031673.D
Acq: 11 Jul 2023 11:43

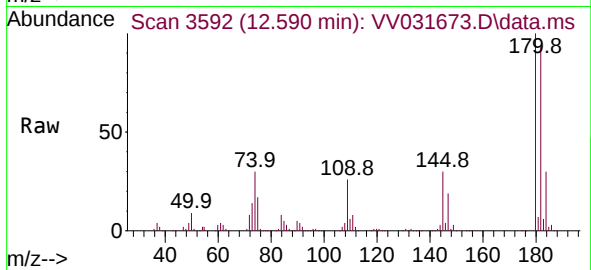
Tgt Ion: 75 Resp: 138923
Ion Ratio Lower Upper
75 100
155 76.7 59.9 89.9
157 96.5 77.6 116.4





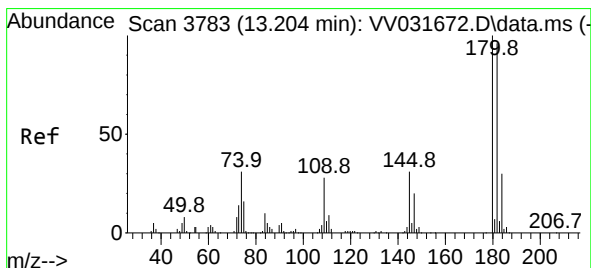
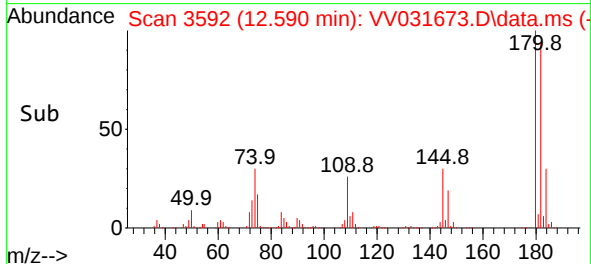
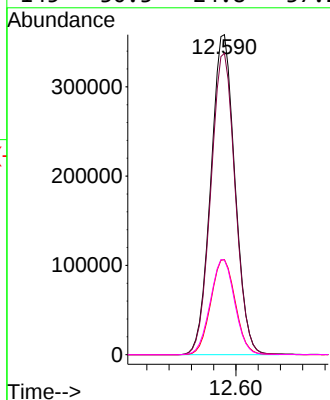
#69
 1,3,5-Trichlorobenzene
 Concen: 106.685 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: VV031673.D
 Acq: 11 Jul 2023 11:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 539159

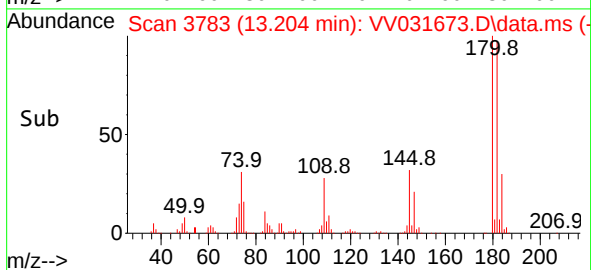
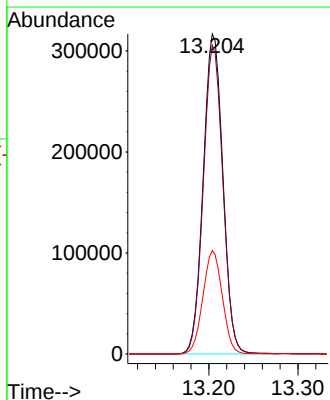
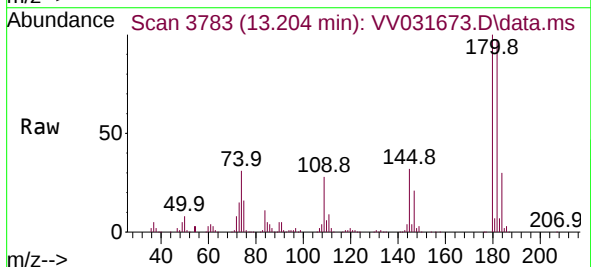
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
184	30.2	23.7	35.5
145	30.3	24.8	37.2

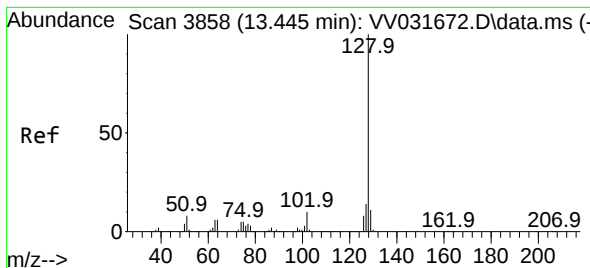


#70
 1,2,4-trichlorobenzene
 Concen: 109.941 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.000 min
 Lab File: VV031673.D
 Acq: 11 Jul 2023 11:43

Tgt Ion:180 Resp: 485012

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	114.8
145	31.9	25.4	38.2





#71

Naphthalene

Concen: 134.937 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Instrument :

MSVOA_V

ClientSampleId :

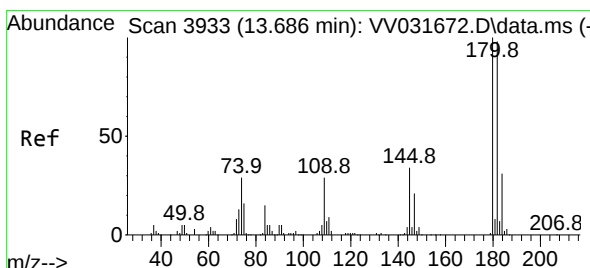
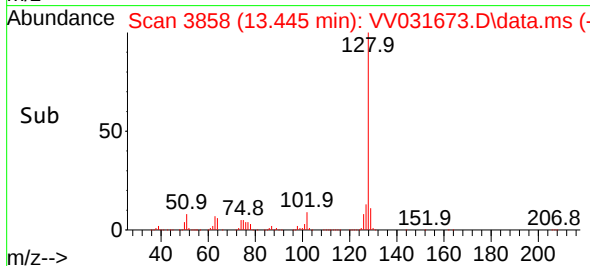
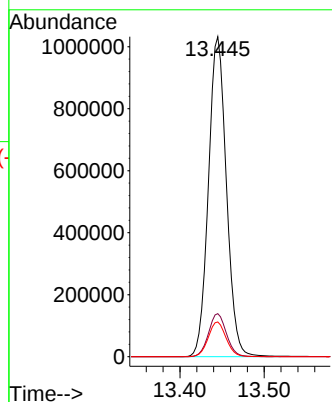
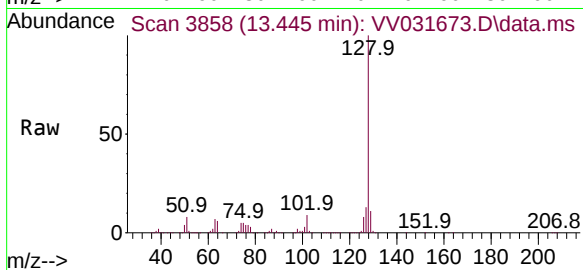
Tgt Ion:128 Resp: 1530797

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 109.643 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031673.D

Acq: 11 Jul 2023 11:43

Tgt Ion:180 Resp: 502349

Ion Ratio Lower Upper

180 100

182 95.8 76.7 115.1

145 34.1 27.7 41.5

