

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031882.D
 Acq On : 23 Aug 2023 21:15
 Operator : SY/MD
 Sample : VSTD02076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	126253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85764	20.113	ug/L	0.00
7) Chloroethane-d5	1.532	69	100471	20.568	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	49209	19.608	ug/L	0.00
20) 2-Butanone-d5	3.809	46	540199	259.207	ug/L	0.00
24) Chloroform-d	4.252	84	295795	20.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	151682	20.397	ug/L	0.00
32) Benzene-d6	4.963	84	560473	20.822	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	187787	19.783	ug/L	0.00
41) Toluene-d8	7.246	98	509447	20.396	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	72194	20.857	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	439809	238.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	144585	21.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	203226	20.267	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	139367	19.327	ug/L	100
3) Chloromethane	1.217	50	147175	19.050	ug/L	99
5) Vinyl chloride	1.282	62	152868	19.307	ug/L	97
6) Bromomethane	1.490	94	92570	18.706	ug/L	99
8) Chloroethane	1.552	64	96971	19.176	ug/L	99
9) Trichlorofluoromethane	1.716	101	197602	19.347	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	116947	19.199	ug/L	96
12) 1,1-Dichloroethene	2.069	96	110362	19.418	ug/L	96
13) Acetone	2.153	43	233453	178.473	ug/L	69
14) Carbon disulfide	2.240	76	322369	20.164	ug/L	98
15) Methyl Acetate	2.388	43	62593	25.253	ug/L	99
16) Methylene chloride	2.449	84	137560	14.883	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	361510	20.501	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	126267	19.599	ug/L	95
19) 1,1-Dichloroethane	3.114	63	264918	19.965	ug/L	100
21) 2-Butanone	3.892	43	406685	239.600	ug/L	80
22) cis-1,2-Dichloroethene	3.815	96	149114	20.093	ug/L	99
23) Bromochloromethane	4.150	128	60361	20.498	ug/L	94
25) Chloroform	4.278	83	265184	19.606	ug/L	97
27) 1,2-Dichloroethane	5.043	62	163283	20.187	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	224205	19.622	ug/L	100
30) Cyclohexane	4.587	56	223109	18.999	ug/L	99
31) Carbon tetrachloride	4.738	117	184984	20.017	ug/L	98
33) Benzene	5.011	78	557609	20.463	ug/L	100
34) Trichloroethene	5.834	95	156062	19.596	ug/L	97
35) Methylcyclohexane	6.053	83	220511	19.022	ug/L	98
37) 1,2-Dichloropropane	6.095	63	148256	19.748	ug/L	100
38) Bromodichloromethane	6.436	83	196679	20.241	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	242756	21.254	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	1000921	212.710	ug/L	94
42) Toluene	7.317	91	596304	19.697	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	201637	21.146	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031882.D
 Acq On : 23 Aug 2023 21:15
 Operator : SY/MD
 Sample : VSTD02076
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

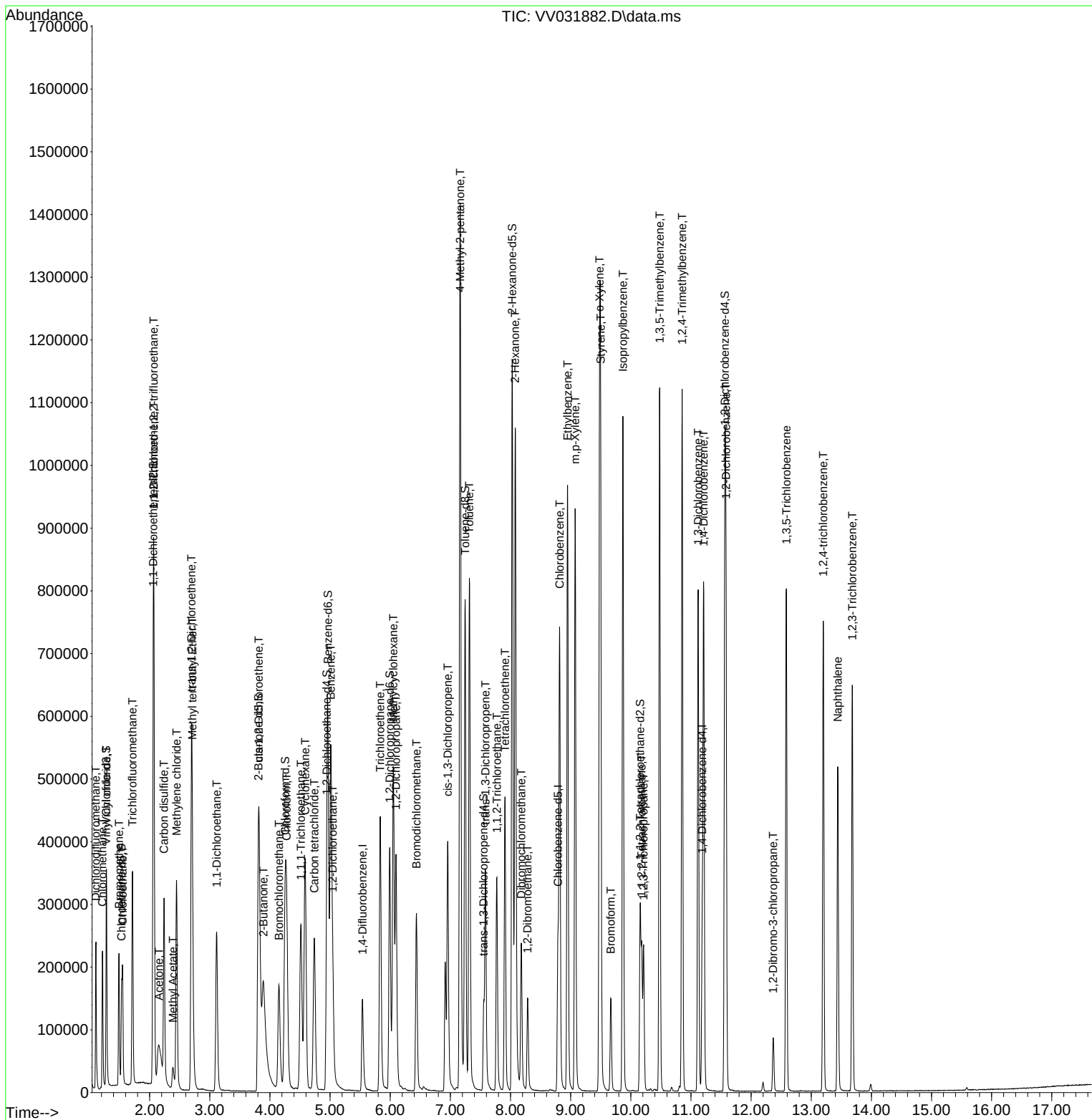
Instrument :
 MSVOA_V
 ClientSampleId :

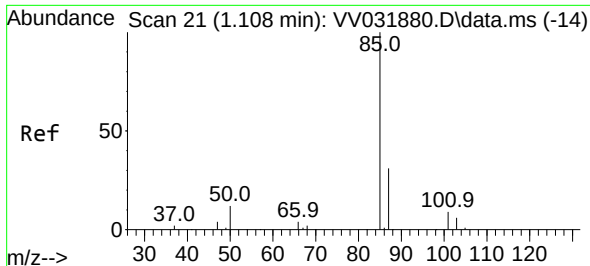
Quant Time: Aug 24 04:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	105243	19.585	ug/L	98
47) Tetrachloroethene	7.908	164	100792	19.811	ug/L	98
48) 2-Hexanone	8.079	43	716470	204.805	ug/L	99
49) Dibromochloromethane	8.182	129	119042	21.258	ug/L	99
50) 1,2-Dibromoethane	8.284	107	98028	20.172	ug/L	99
51) Chlorobenzene	8.818	112	381272	19.890	ug/L	99
52) Ethylbenzene	8.950	91	684392	19.665	ug/L	100
53) m,p-Xylene	9.075	106	256222	19.546	ug/L	99
54) o-Xylene	9.481	106	252752	19.954	ug/L	99
55) Styrene	9.500	104	440600	20.162	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	111326	20.462	ug/L	97
59) Bromoform	9.667	173	65582	22.417	ug/L	99
60) Isopropylbenzene	9.870	105	685457	19.915	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	93654	20.536	ug/L	97
62) 1,3,5-Trimethylbenzene	10.480	105	593824	20.128	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	588918	20.316	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	302852	19.868	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	304351	19.436	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	282128	20.224	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	22122	21.416	ug/L	95
69) 1,3,5-Trichlorobenzene	12.587	180	227918	20.114	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	207345	20.073	ug/L	97
71) Naphthalene	13.442	128	387018	19.890	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	176686	20.314	ug/L	100

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

Quant Time: Aug 24 04:26:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:23:32 2023
Response via : Initial Calibration

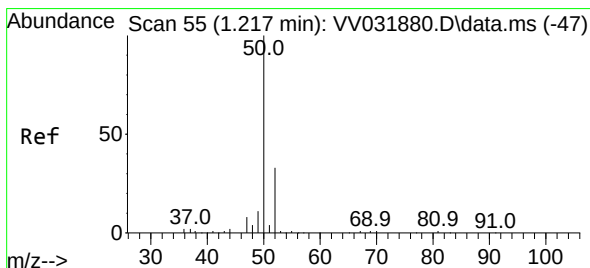
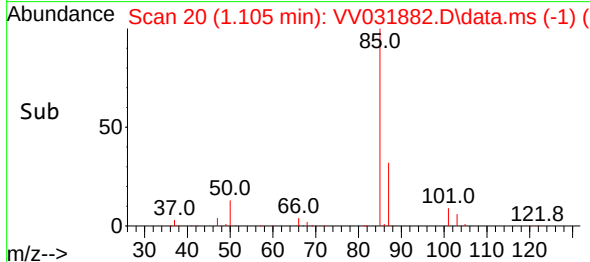
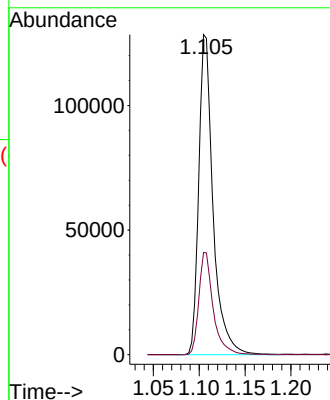
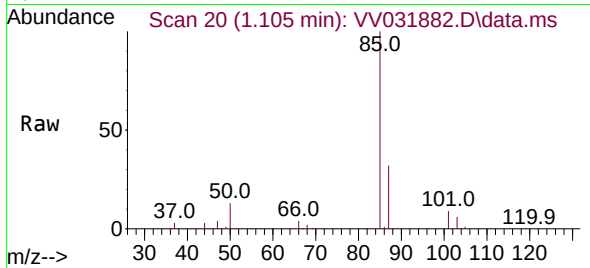




#2
 Dichlorodifluoromethane
 Concen: 19.327 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

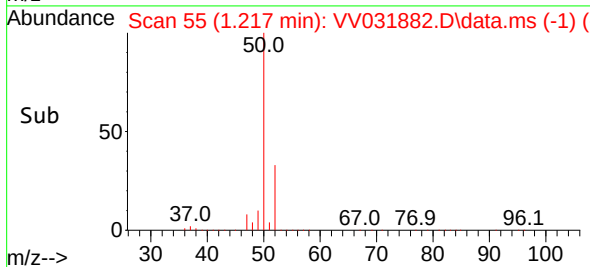
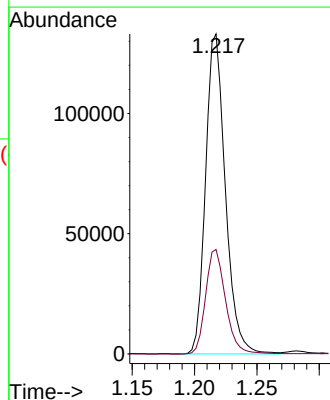
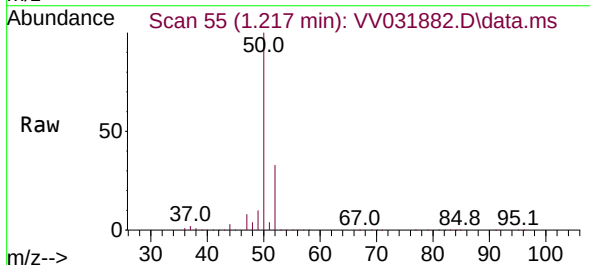
Instrument :
 MSVOA_V
 ClientSampleId :

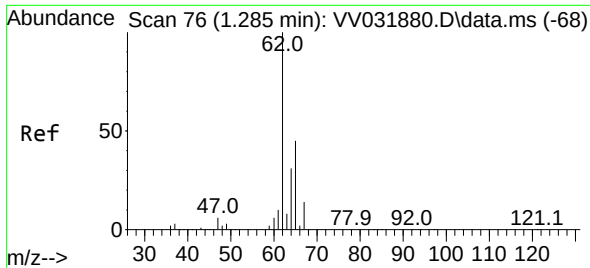
Tgt Ion: 85 Resp: 139367
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 19.050 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

Tgt Ion: 50 Resp: 147175
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3



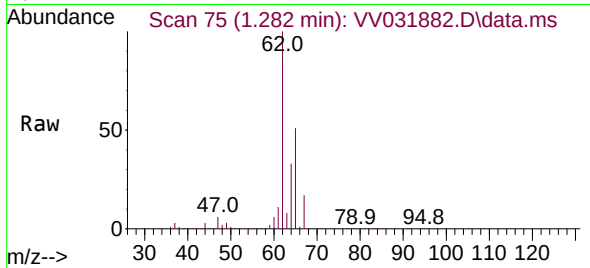


#5
 Vinyl chloride
 Concen: 19.307 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

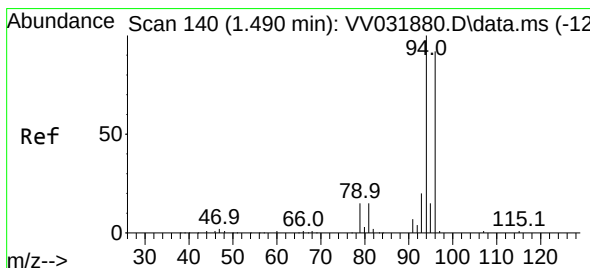
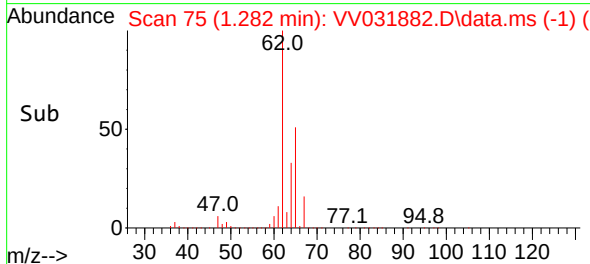
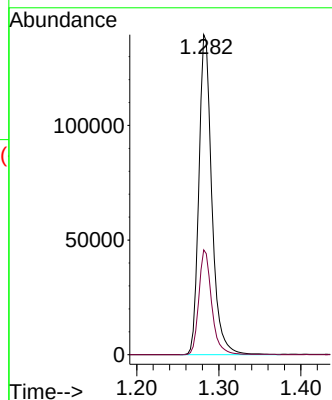
Instrument :

MSVOA_V

ClientSampleId :

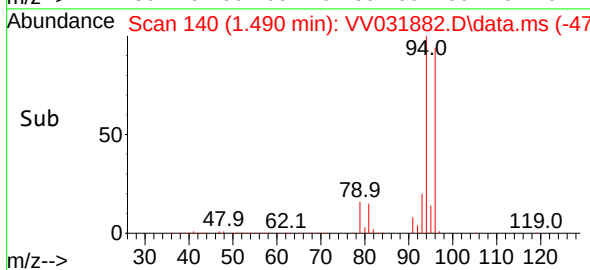
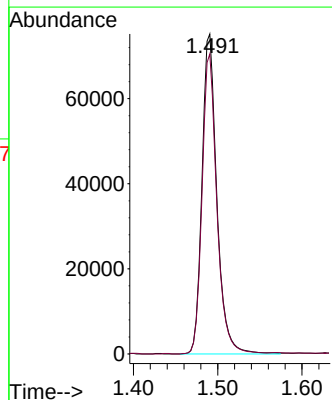
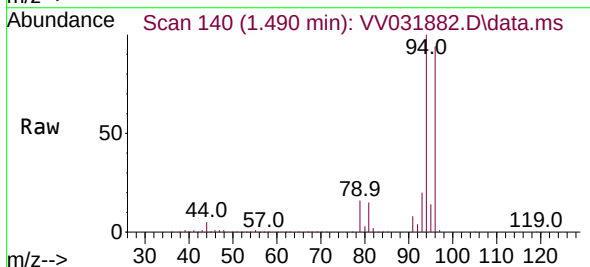


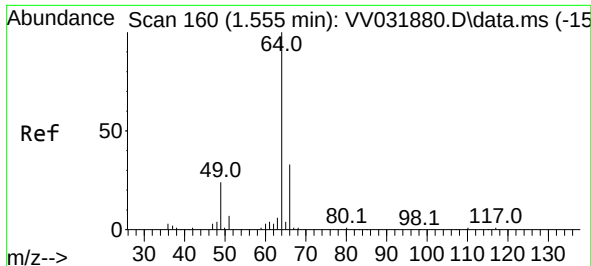
Tgt Ion: 62 Resp: 152868
 Ion Ratio Lower Upper
 62 100
 64 32.8 21.7 40.3



#6
 Bromomethane
 Concen: 18.706 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

Tgt Ion: 94 Resp: 92570
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.0 120.8

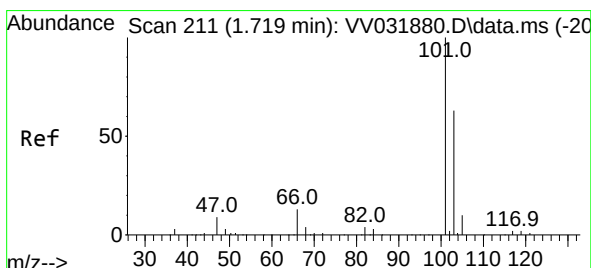
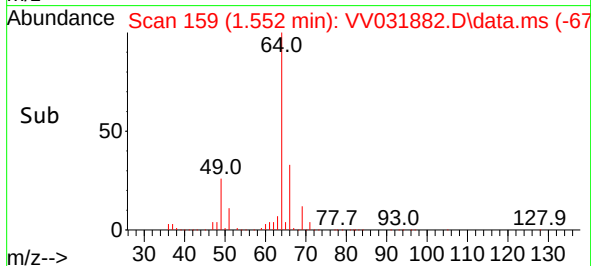
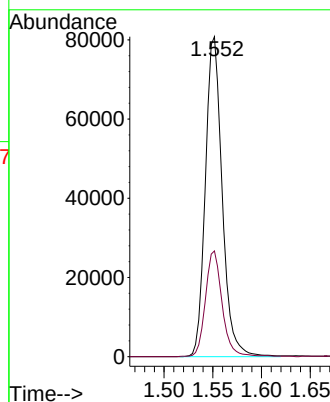
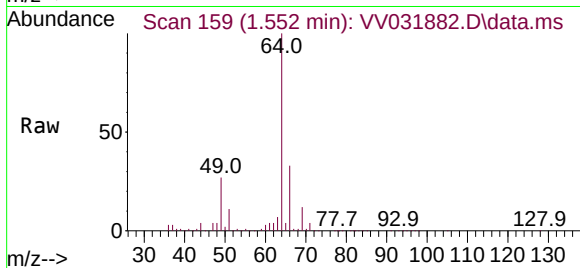




#8
Chloroethane
Concen: 19.176 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

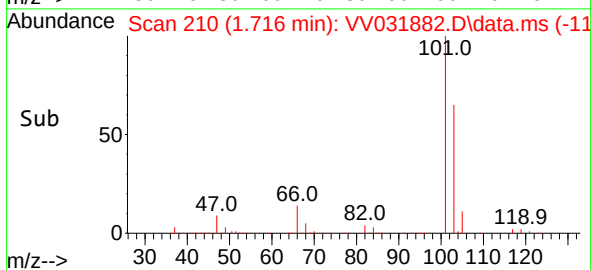
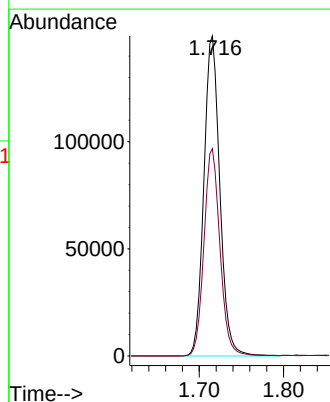
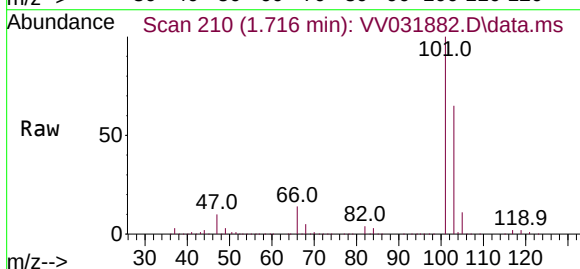
Instrument :
MSVOA_V
ClientSampleId :

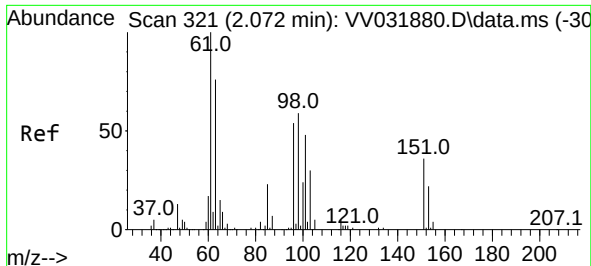
Tgt Ion: 64 Resp: 96971
Ion Ratio Lower Upper
64 100
66 33.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 19.347 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion: 101 Resp: 197602
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7





#10

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

Concen: 19.199 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

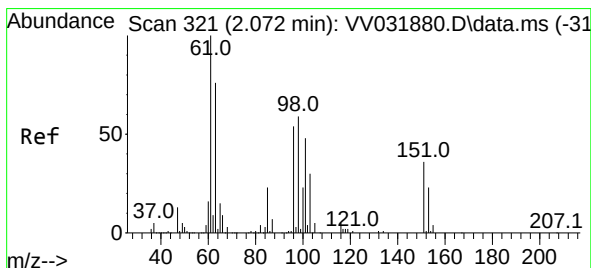
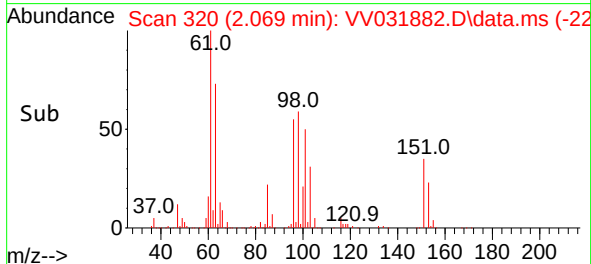
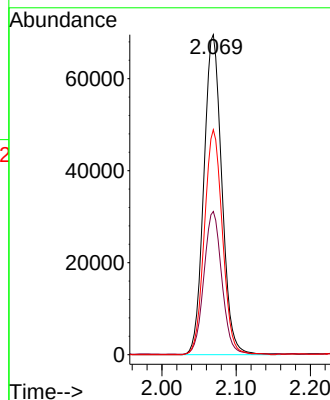
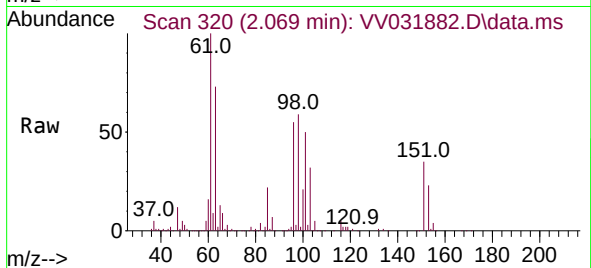
Tgt Ion:101 Resp: 116947

Ion Ratio Lower Upper

101 100

85 44.2 38.3 57.5

151 70.5 58.5 87.7



#12

1,1-Dichloroethene

Concen: 19.418 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

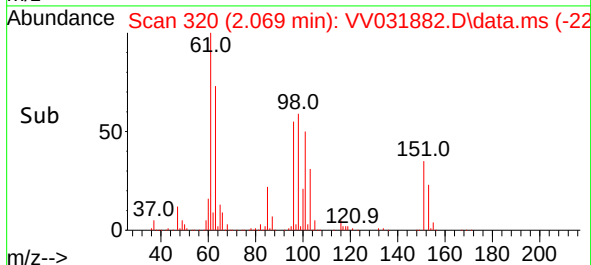
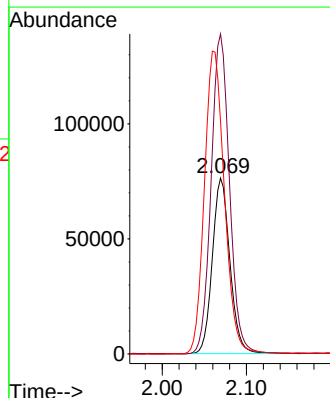
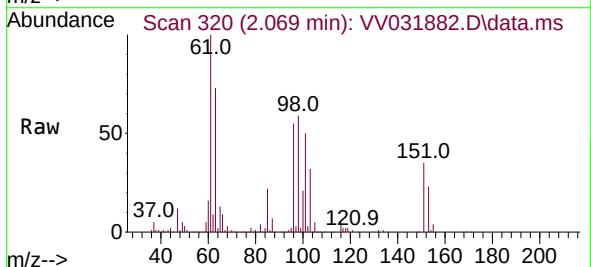
Tgt Ion: 96 Resp: 110362

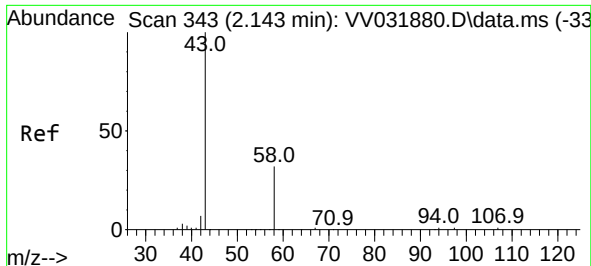
Ion Ratio Lower Upper

96 100

61 182.0 129.0 239.6

63 132.4 99.0 183.8





#13

Acetone

Concen: 178.473 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

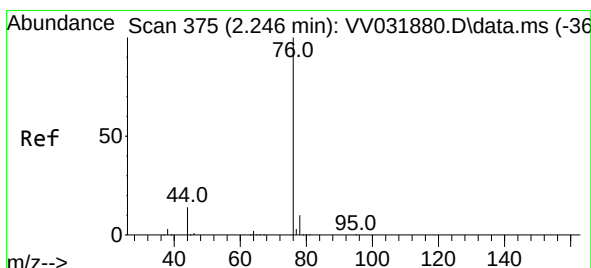
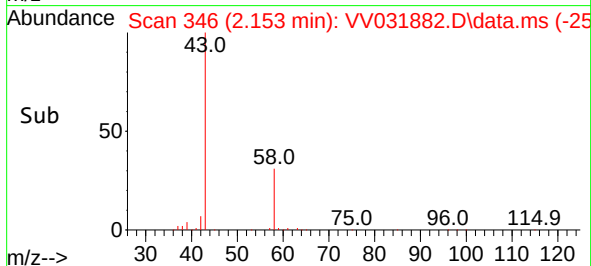
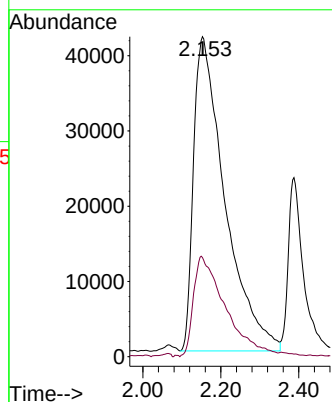
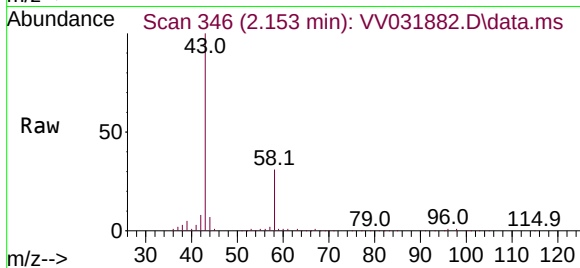
ClientSampleId :

Tgt Ion: 43 Resp: 233453

Ion Ratio Lower Upper

43 100

58 32.6 0.0 37.0



#14

Carbon disulfide

Concen: 20.164 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.006 min

Lab File: VV031882.D

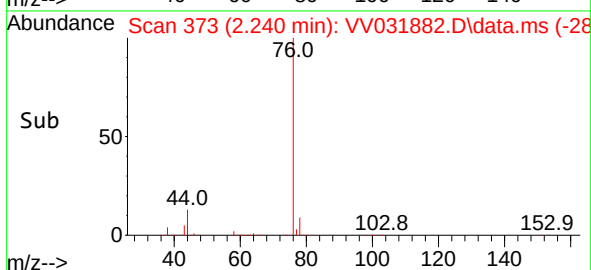
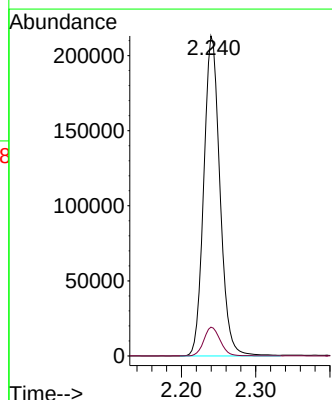
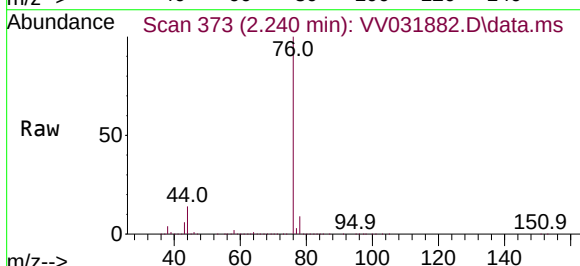
Acq: 23 Aug 2023 21:15

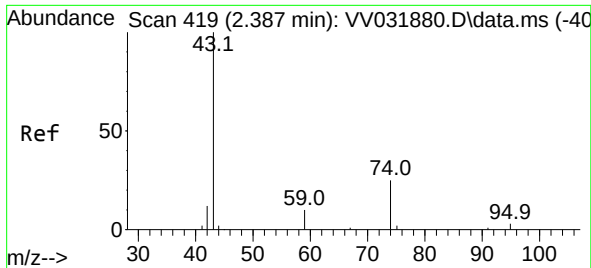
Tgt Ion: 76 Resp: 322369

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

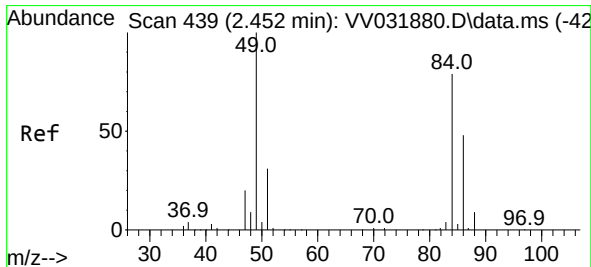
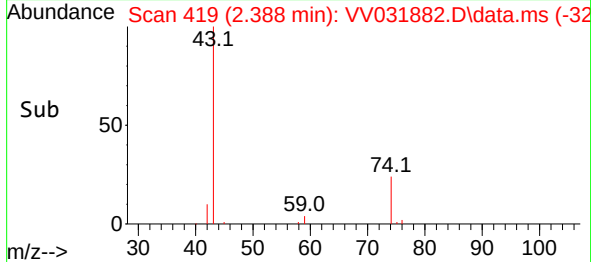
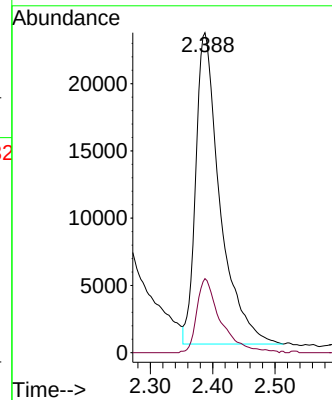
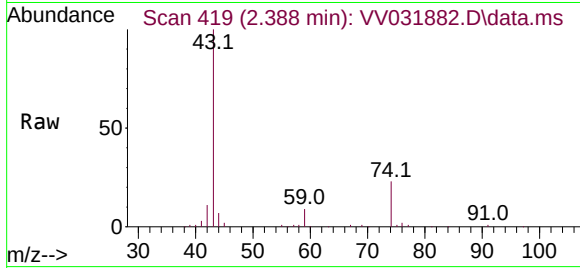




#15
Methyl Acetate
Concen: 25.253 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

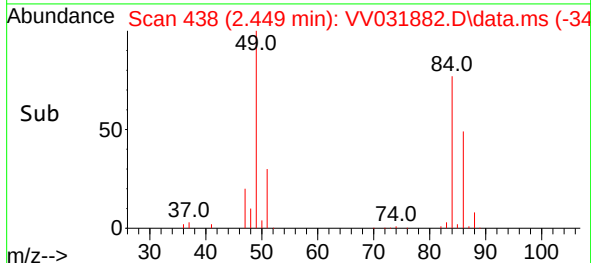
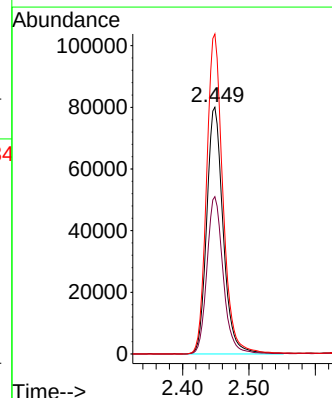
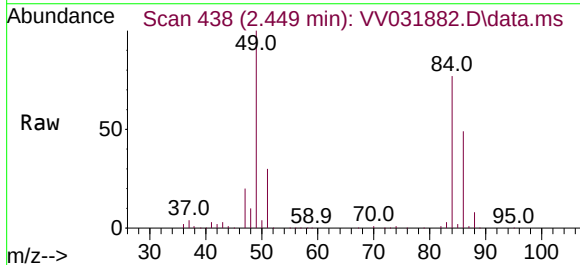
Instrument :
MSVOA_V
ClientSampleId :

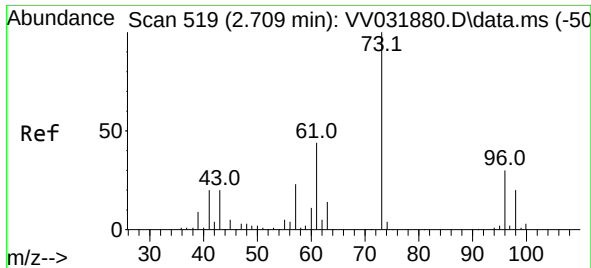
Tgt Ion: 43 Resp: 62593
Ion Ratio Lower Upper
43 100
74 23.4 18.3 27.5



#16
Methylene chloride
Concen: 14.883 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

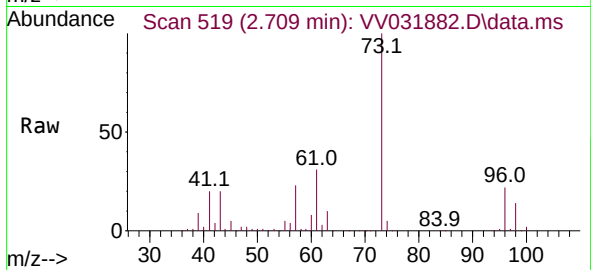
Tgt Ion: 84 Resp: 137560
Ion Ratio Lower Upper
84 100
86 63.8 42.6 79.2
49 129.7 88.5 164.4



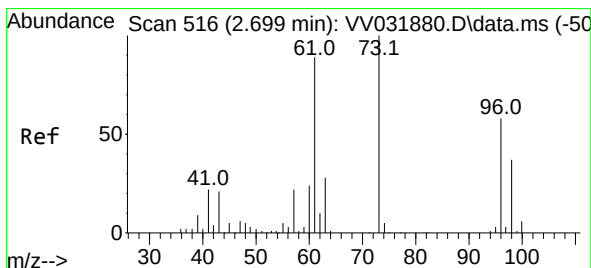
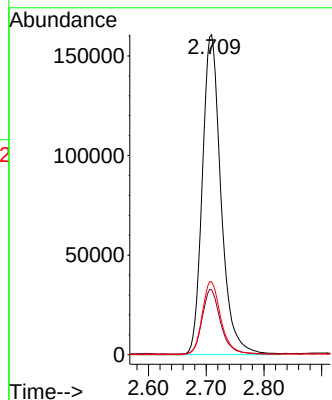
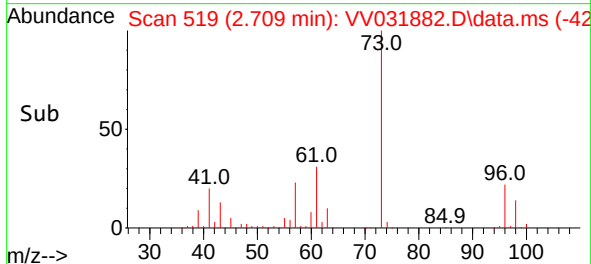


#17
Methyl tert-butyl Ether
Concen: 20.501 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

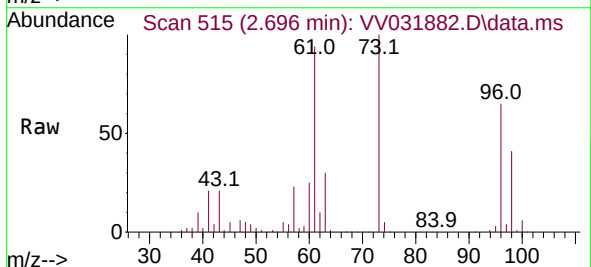
Instrument :
MSVOA_V
ClientSampleId :



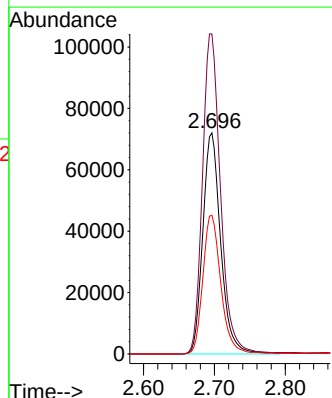
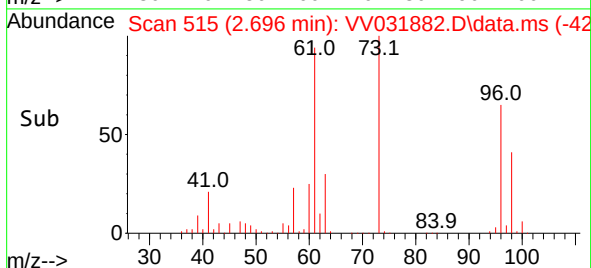
Tgt Ion: 73 Resp: 361510
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 22.7 17.8 26.8

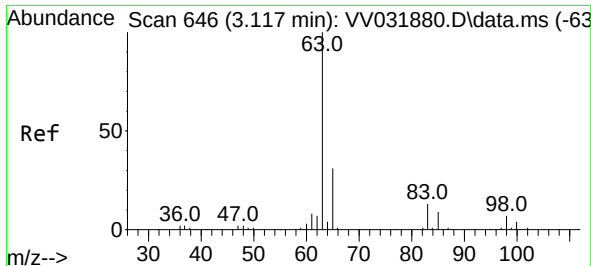


#18
trans-1,2-Dichloroethene
Concen: 19.599 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15



Tgt Ion: 96 Resp: 126267
Ion Ratio Lower Upper
96 100
61 144.7 106.8 198.4
98 62.7 44.9 83.3





#19

1,1-Dichloroethane

Concen: 19.965 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

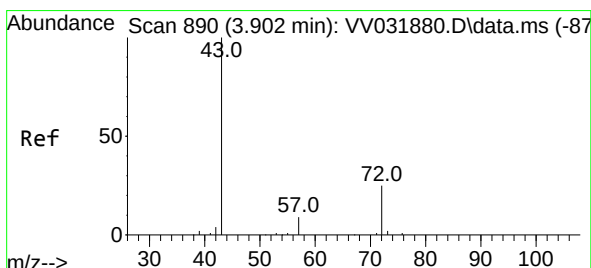
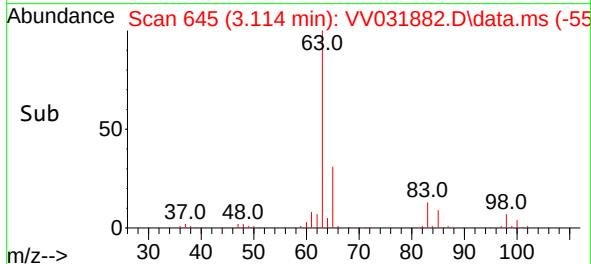
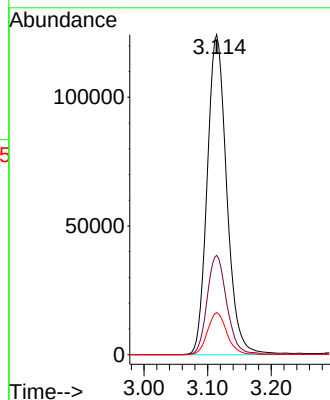
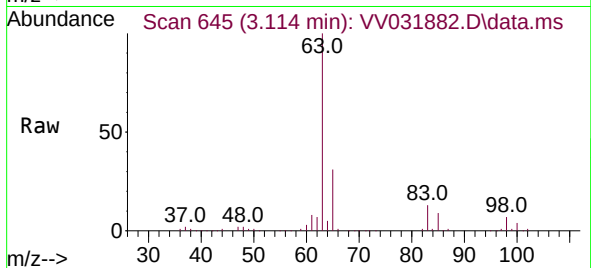
Tgt Ion: 63 Resp: 264918

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 13.2 9.2 17.2



#21

2-Butanone

Concen: 239.600 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.010 min

Lab File: VV031882.D

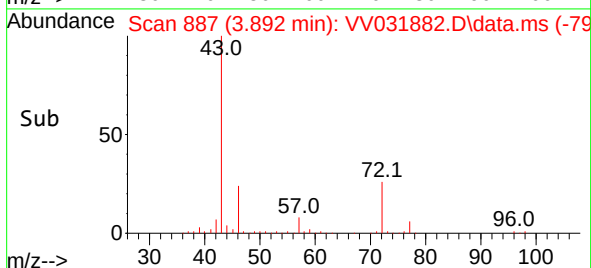
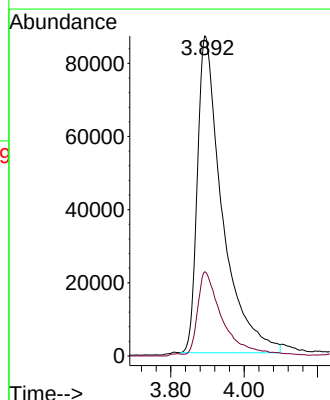
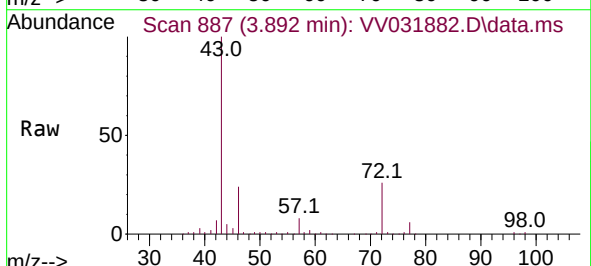
Acq: 23 Aug 2023 21:15

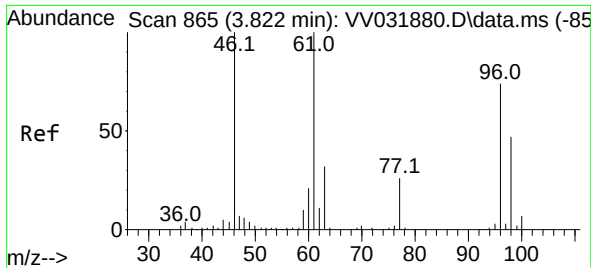
Tgt Ion: 43 Resp: 406685

Ion Ratio Lower Upper

43 100

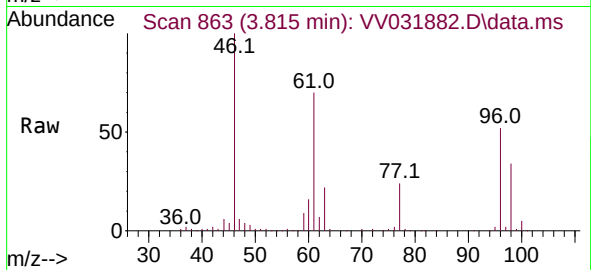
72 26.7 9.0 27.0



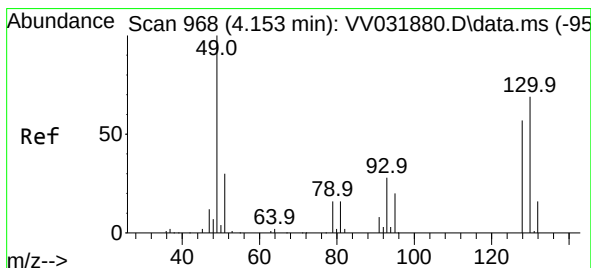
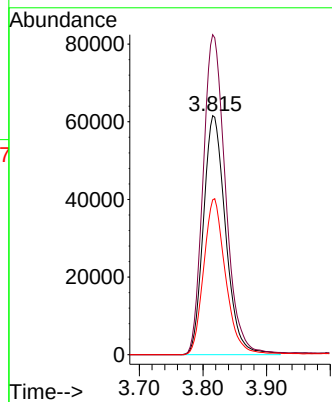
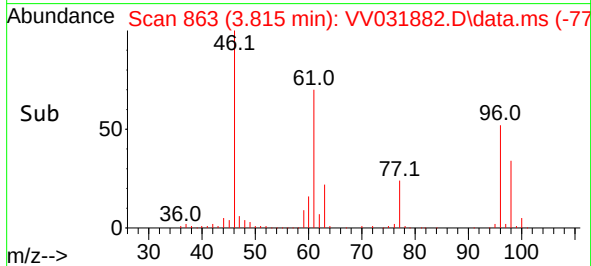


#22
 cis-1,2-Dichloroethene
 Concen: 20.093 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

Instrument :
 MSVOA_V
 ClientSampleId :

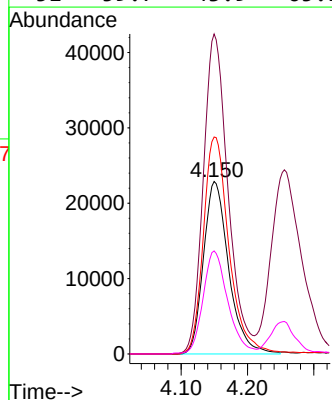
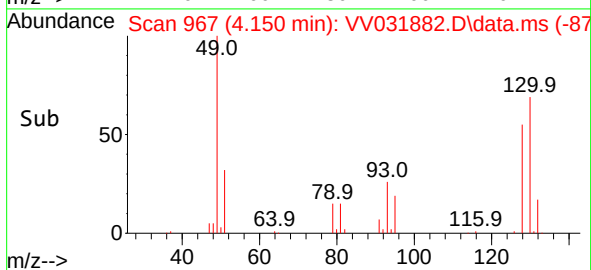
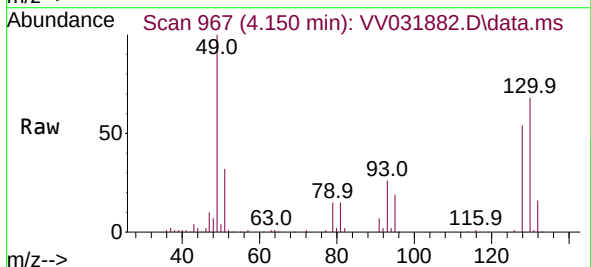


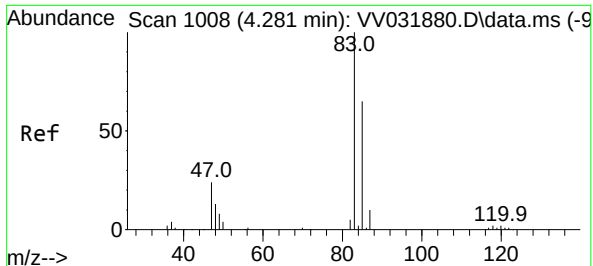
Tgt Ion: 96 Resp: 149114
 Ion Ratio Lower Upper
 96 100
 61 133.9 94.1 174.8
 98 64.8 43.8 81.4



#23
 Bromochloromethane
 Concen: 20.498 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV031882.D
 Acq: 23 Aug 2023 21:15

Tgt Ion: 128 Resp: 60361
 Ion Ratio Lower Upper
 128 100
 49 185.5 123.7 229.7
 130 125.8 84.3 156.5
 51 59.7 43.9 65.9





#25

Chloroform

Concen: 19.606 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

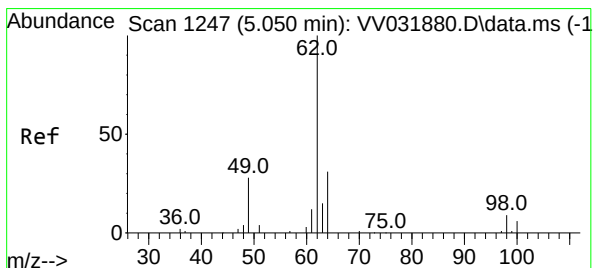
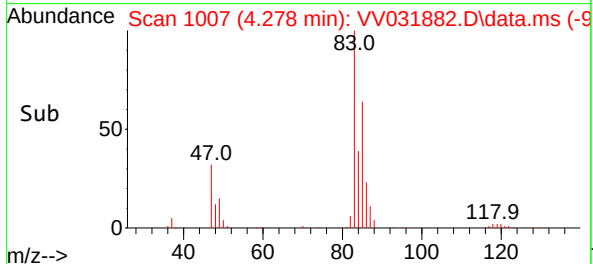
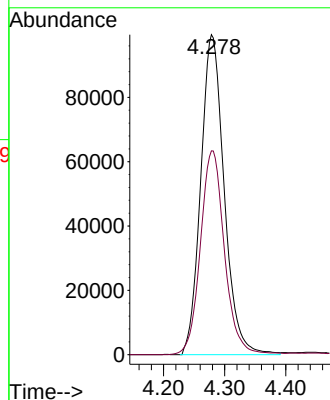
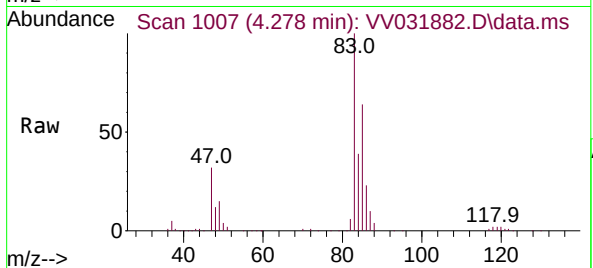
ClientSampleId :

Tgt Ion: 83 Resp: 265184

Ion Ratio Lower Upper

83 100

85 63.7 46.4 86.2



#27

1,2-Dichloroethane

Concen: 20.187 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.006 min

Lab File: VV031882.D

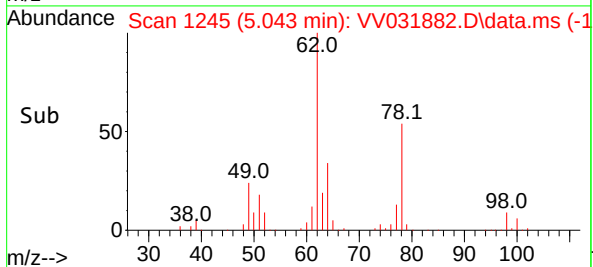
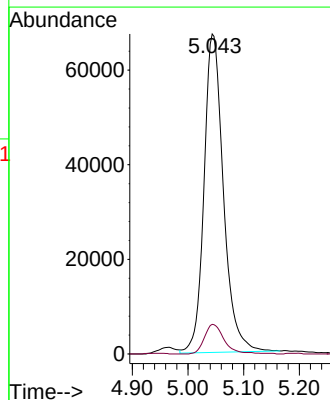
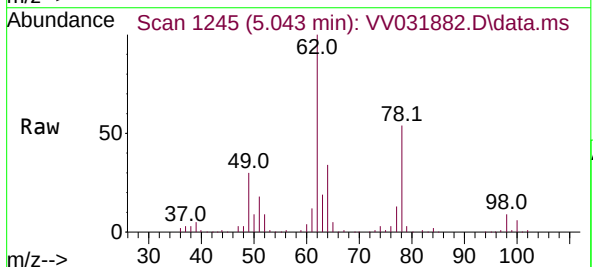
Acq: 23 Aug 2023 21:15

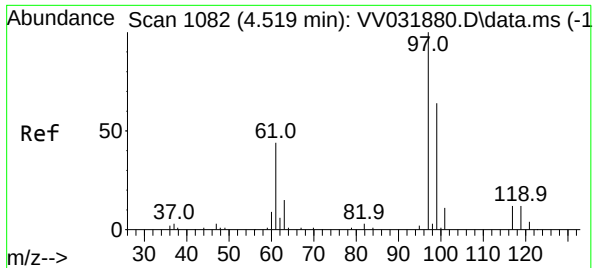
Tgt Ion: 62 Resp: 163283

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 19.622 ug/L

RT: 4.516 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

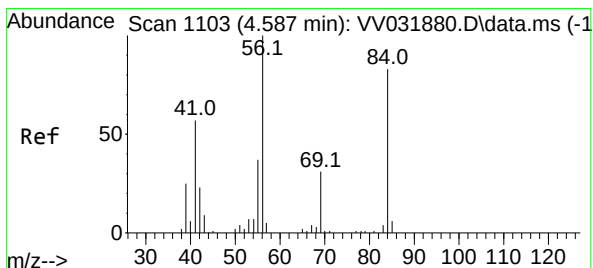
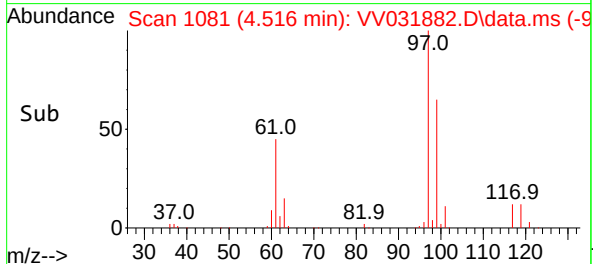
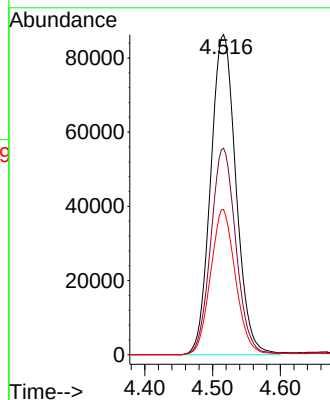
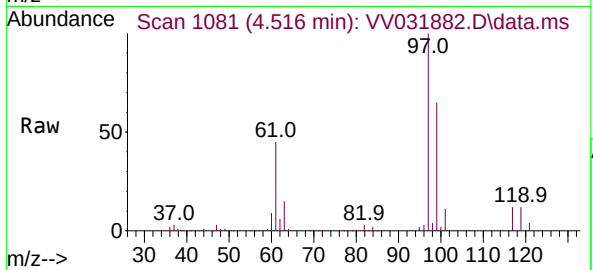
Tgt Ion: 97 Resp: 224205

Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 45.0 35.5 53.3



#30

Cyclohexane

Concen: 18.999 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

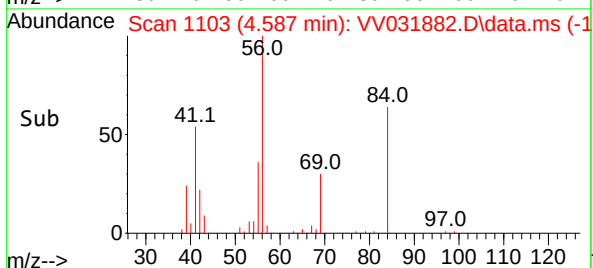
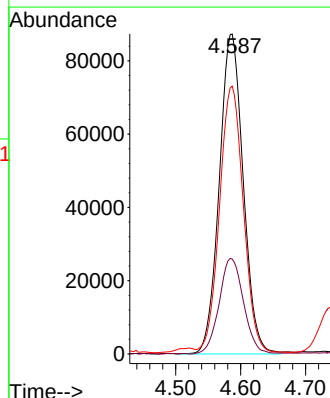
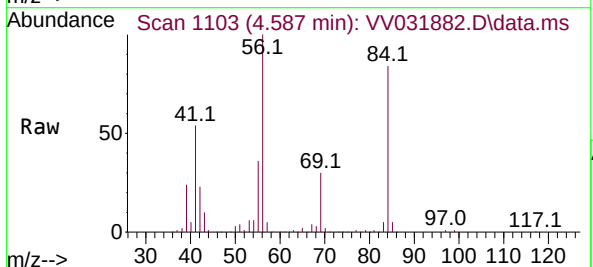
Tgt Ion: 56 Resp: 223109

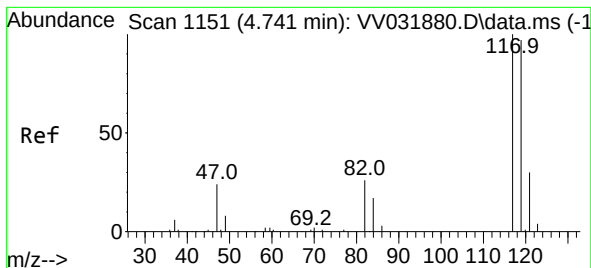
Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 83.1 66.8 100.2





#31

Carbon tetrachloride

Concen: 20.017 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

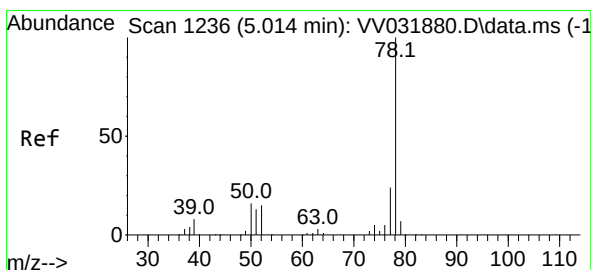
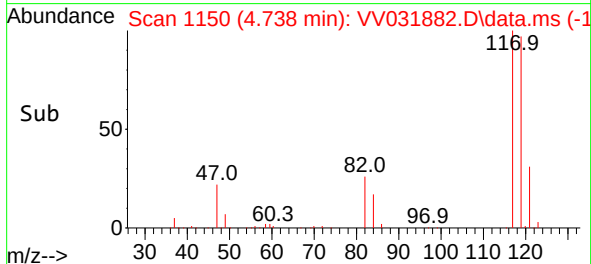
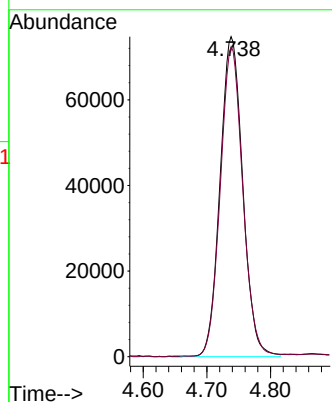
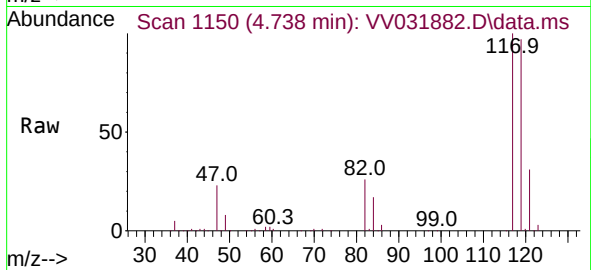
ClientSampleId :

Tgt Ion:117 Resp: 184984

Ion Ratio Lower Upper

117 100

119 95.9 78.4 117.6



#33

Benzene

Concen: 20.463 ug/L

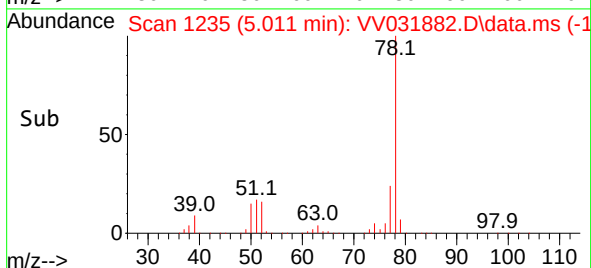
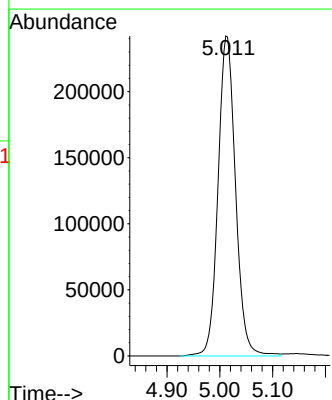
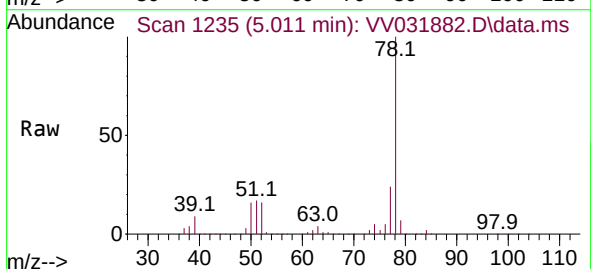
RT: 5.011 min Scan# 1235

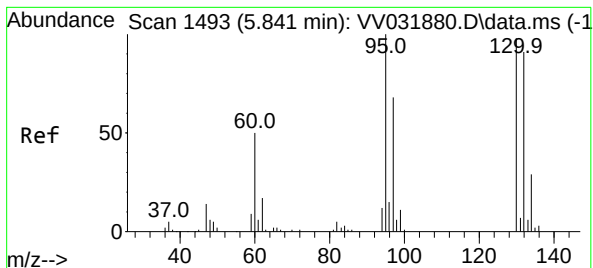
Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Tgt Ion: 78 Resp: 557609





#34

Trichloroethene

Concen: 19.596 ug/L

RT: 5.834 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 156062

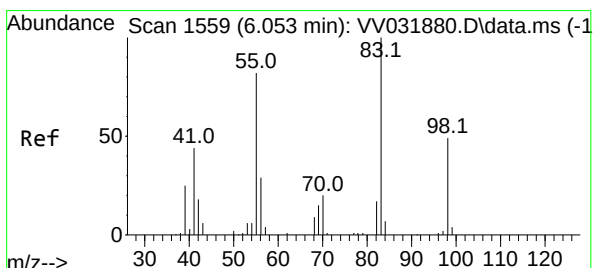
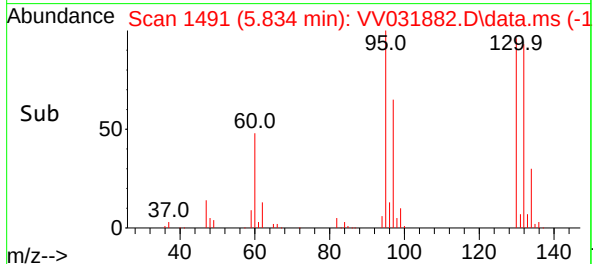
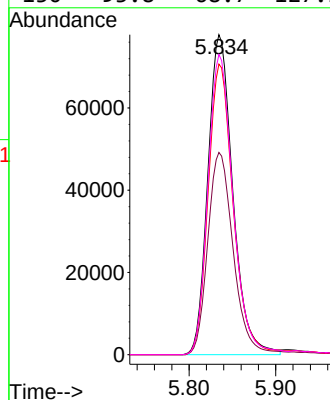
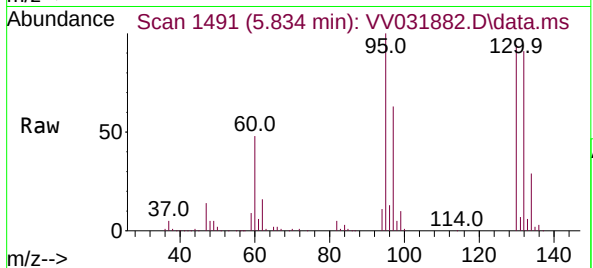
Ion Ratio Lower Upper

95 100

97 63.2 47.7 88.7

132 90.8 63.8 118.4

130 93.8 68.7 127.5



#35

Methylcyclohexane

Concen: 19.022 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

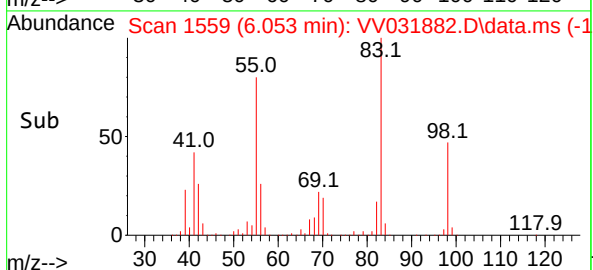
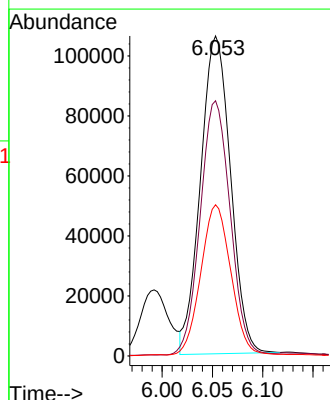
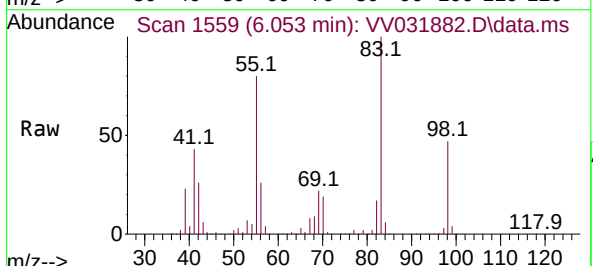
Tgt Ion: 83 Resp: 220511

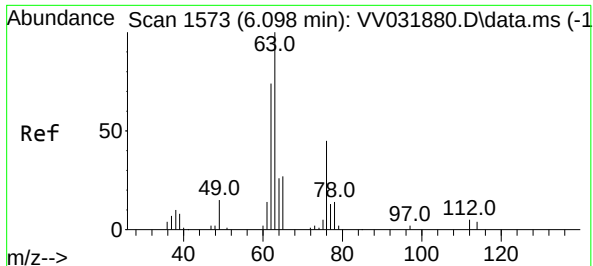
Ion Ratio Lower Upper

83 100

55 79.7 62.6 94.0

98 48.6 37.8 56.8





#37

1,2-Dichloropropane

Concen: 19.748 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

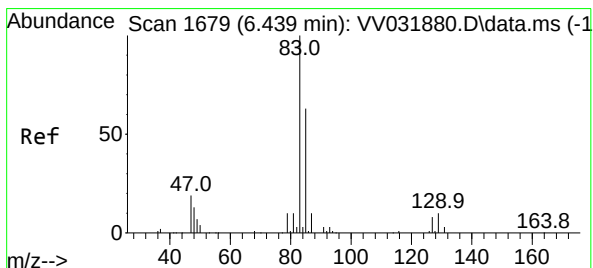
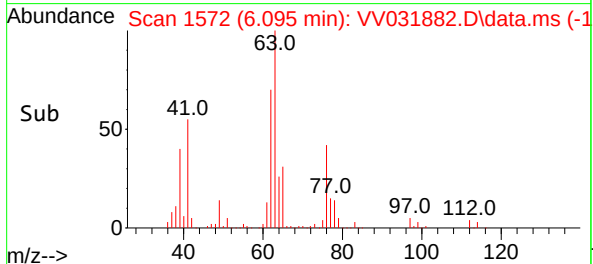
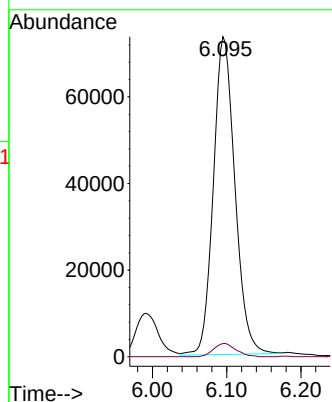
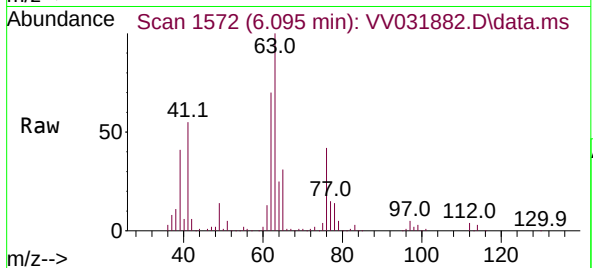
ClientSampleId :

Tgt Ion: 63 Resp: 148256

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 20.241 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

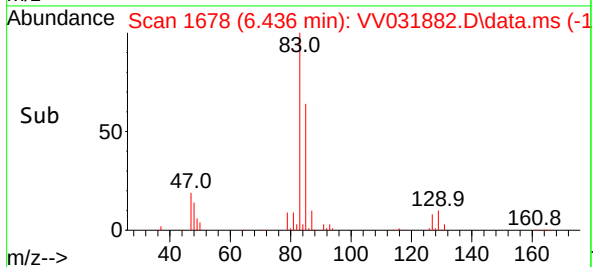
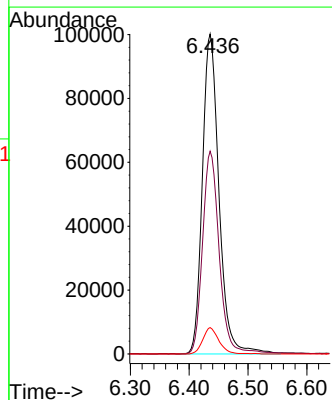
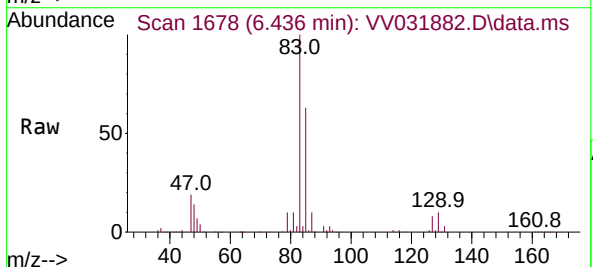
Tgt Ion: 83 Resp: 196679

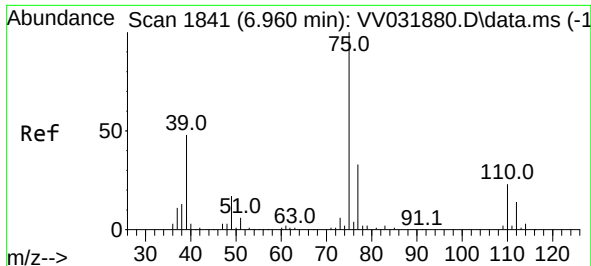
Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4

127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 21.254 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

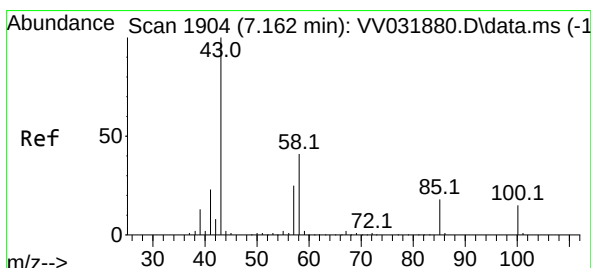
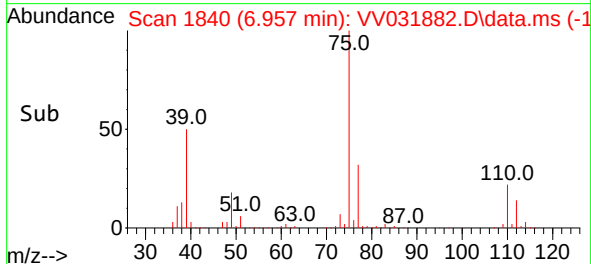
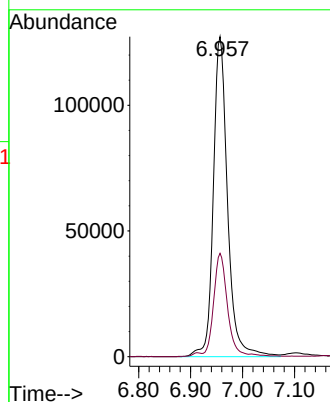
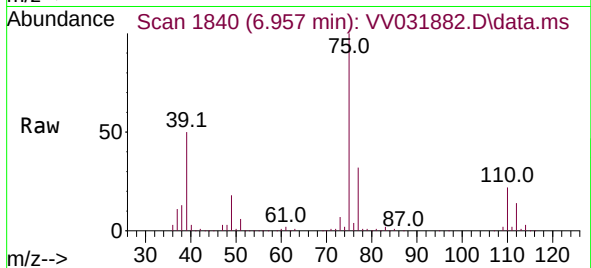
ClientSampleId :

Tgt Ion: 75 Resp: 242756

Ion Ratio Lower Upper

75 100

77 32.3 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 212.710 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

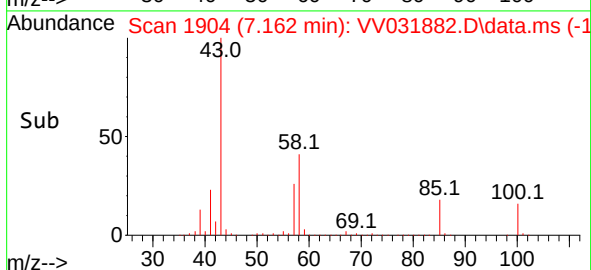
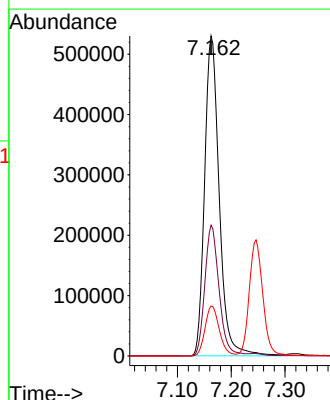
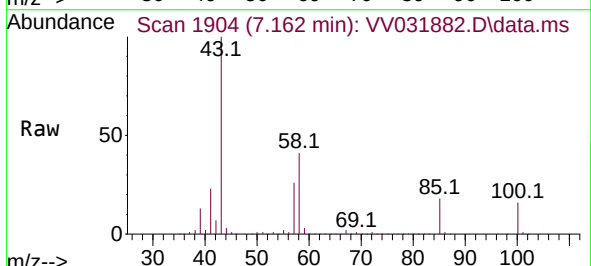
Tgt Ion: 43 Resp: 1000921

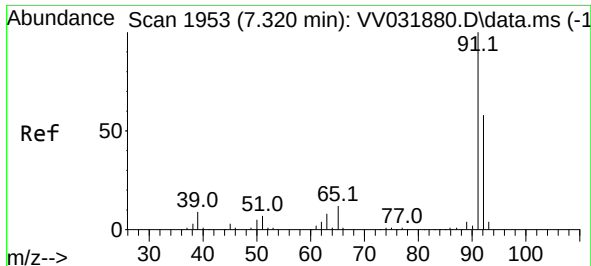
Ion Ratio Lower Upper

43 100

58 39.8 29.0 43.6

100 15.3 10.7 16.1





#42

Toluene

Concen: 19.697 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

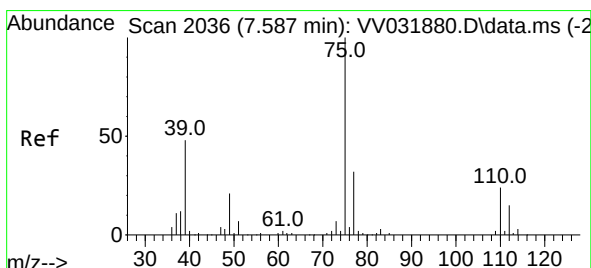
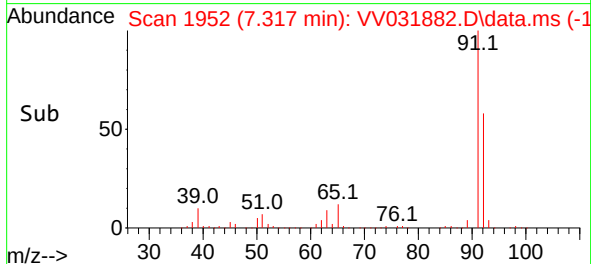
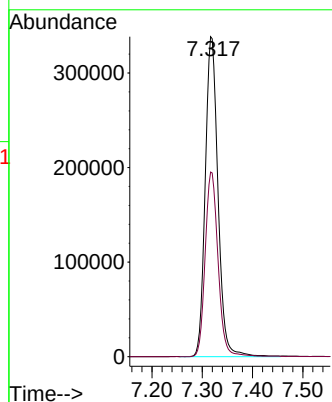
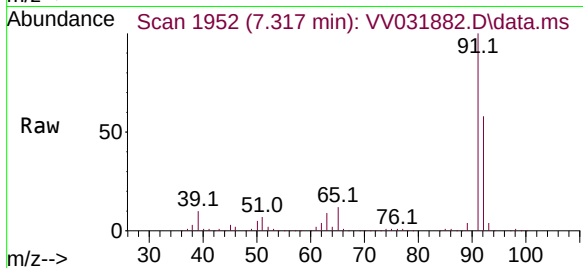
ClientSampleId :

Tgt Ion: 91 Resp: 596304

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 21.146 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV031882.D

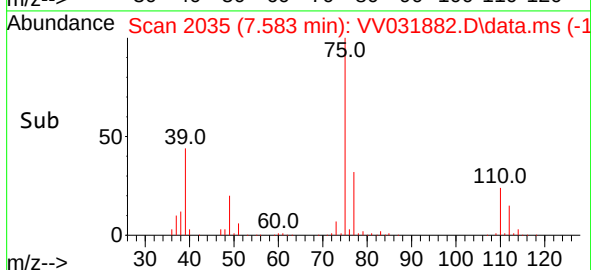
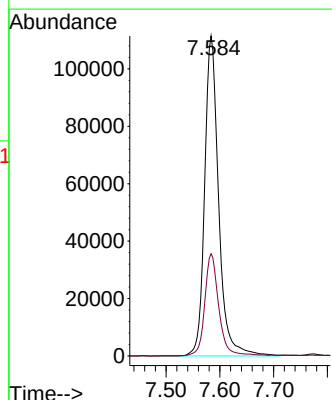
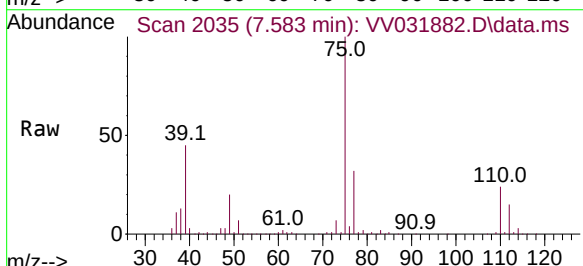
Acq: 23 Aug 2023 21:15

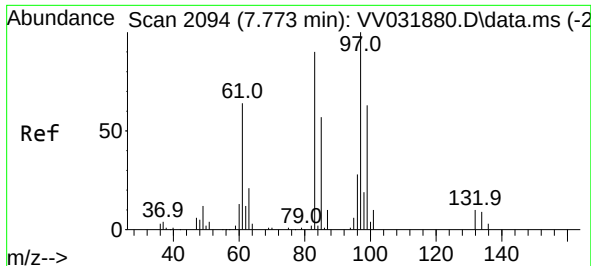
Tgt Ion: 75 Resp: 201637

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 19.585 ug/L

RT: 7.773 min Scan# 2094

Delta R.T. 0.000 min

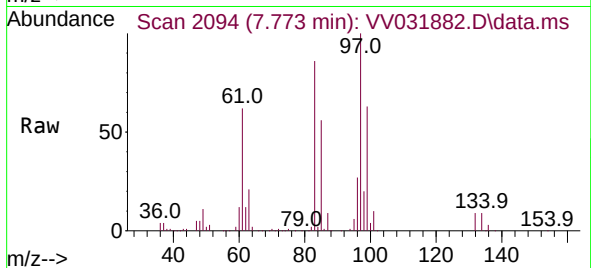
Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 105243

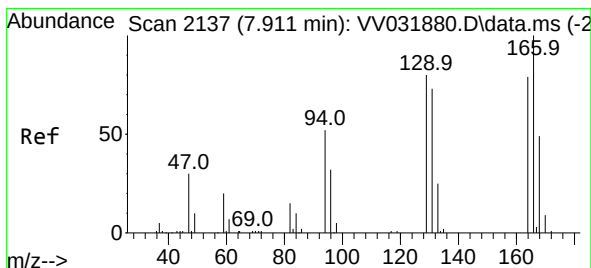
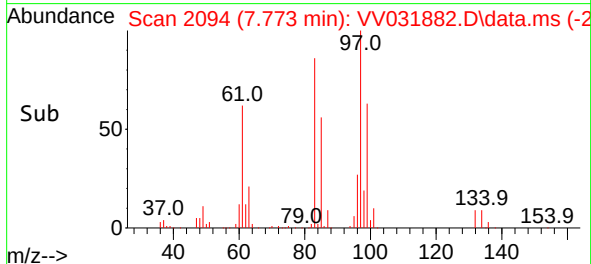
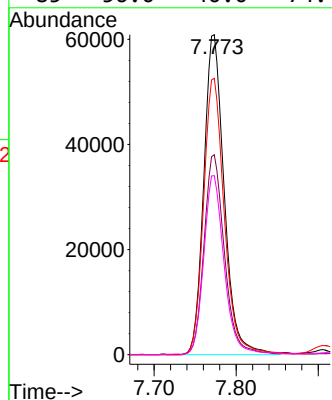
Ion Ratio Lower Upper

97 100

99 62.5 44.3 82.3

83 86.3 62.7 116.5

85 56.0 40.0 74.4



#47

Tetrachloroethene

Concen: 19.811 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Tgt Ion: 164 Resp: 100792

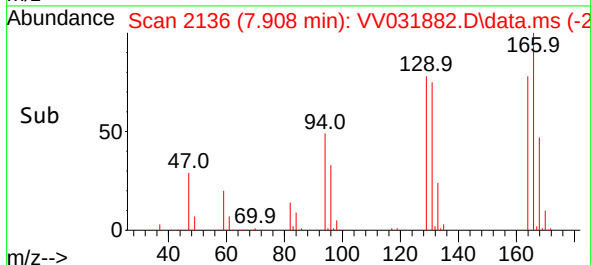
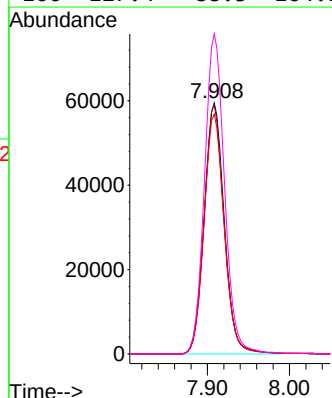
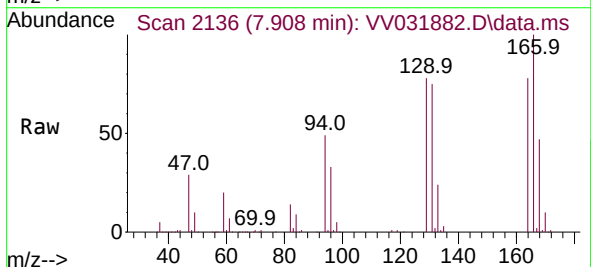
Ion Ratio Lower Upper

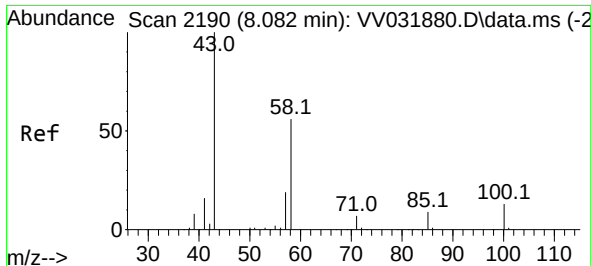
164 100

129 99.3 70.6 131.2

131 95.4 64.6 120.0

166 127.4 88.3 164.1



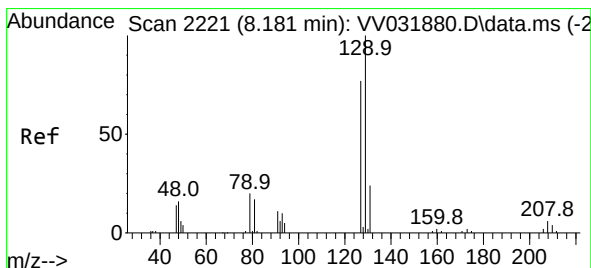
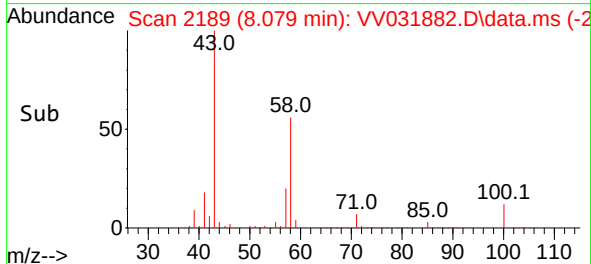
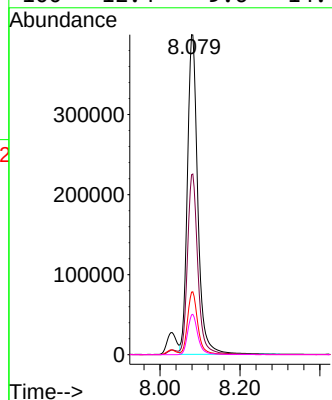
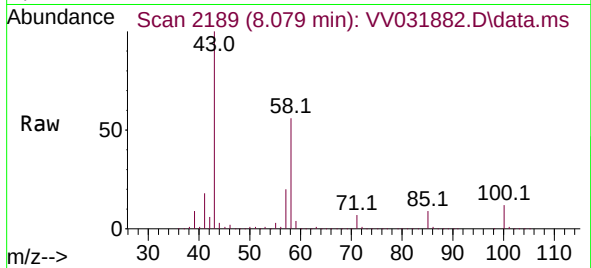


#48
2-Hexanone
Concen: 204.805 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 716470

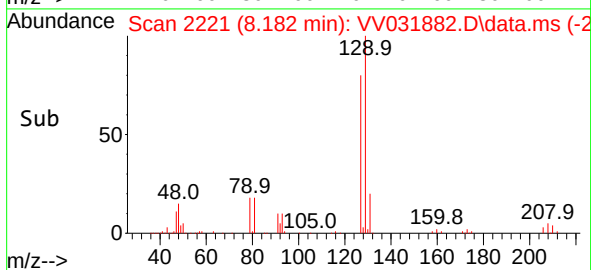
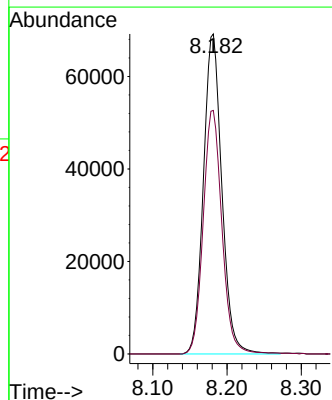
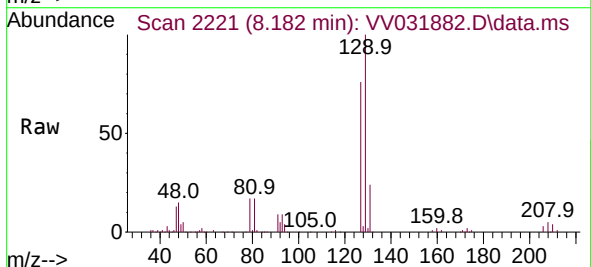
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.3	66.5
57	19.3	14.3	21.5
100	12.4	9.6	14.4

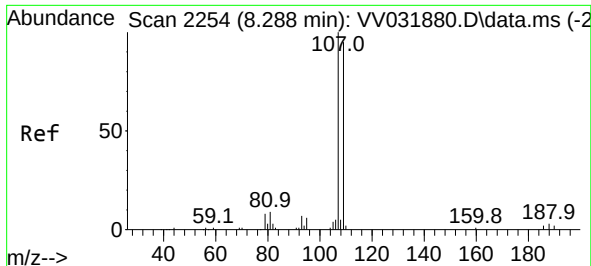


#49
Dibromochloromethane
Concen: 21.258 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion: 129 Resp: 119042

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 20.172 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV031882.D

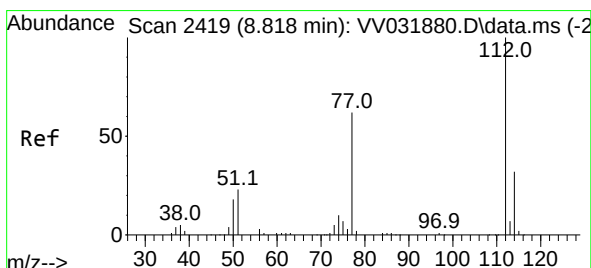
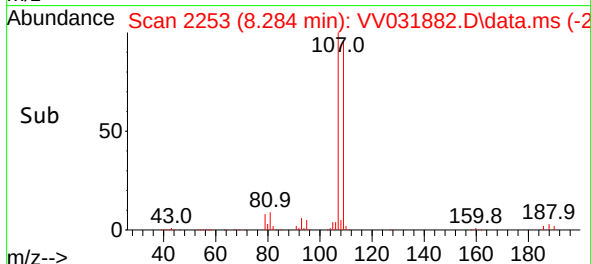
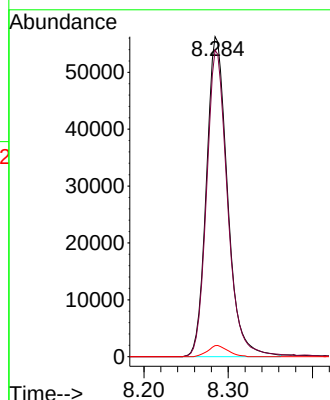
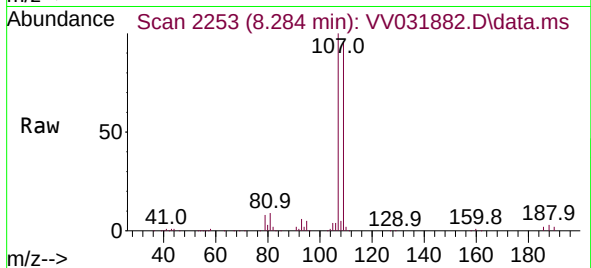
Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	98028
Ion Ratio	Lower	Upper
107	100	
109	95.8	66.3 123.1
188	3.4	2.6 3.8



#51

Chlorobenzene

Concen: 19.890 ug/L

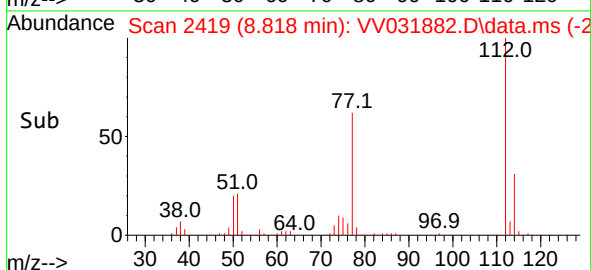
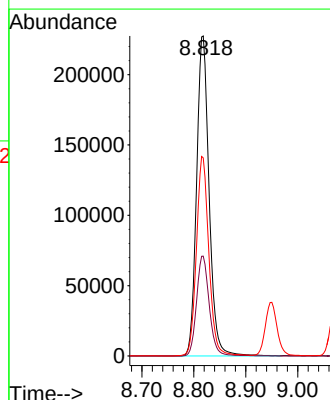
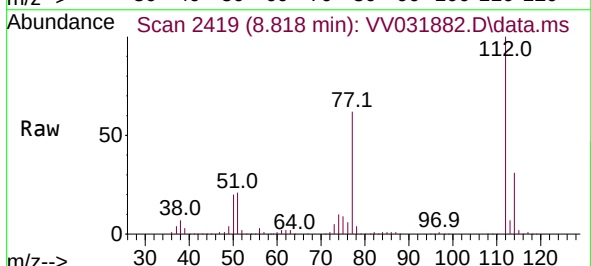
RT: 8.818 min Scan# 2419

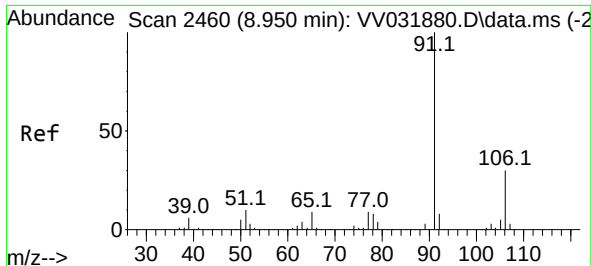
Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Tgt Ion:112	Resp:	381272
Ion Ratio	Lower	Upper
112	100	
114	31.2	22.3 41.3
77	61.9	50.6 75.8

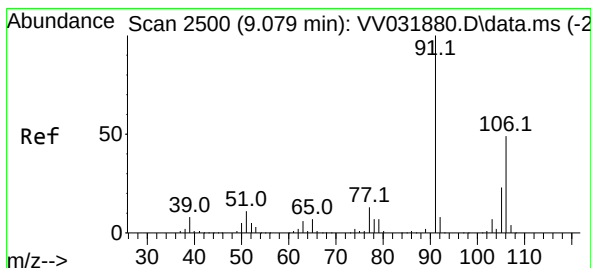
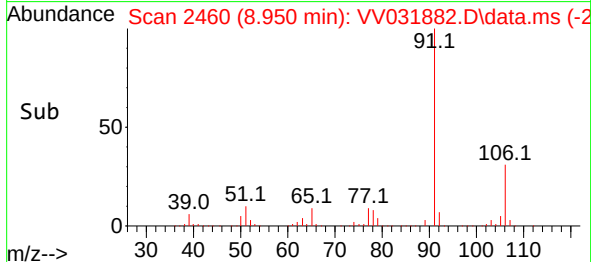
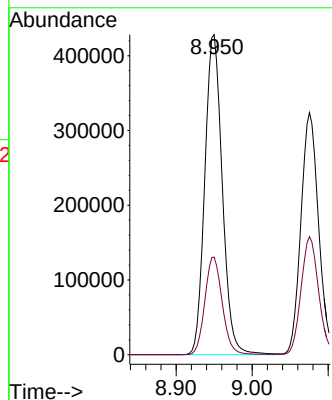
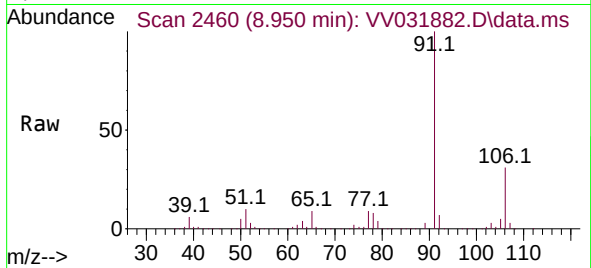




#52
Ethylbenzene
Concen: 19.665 ug/L
RT: 8.950 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

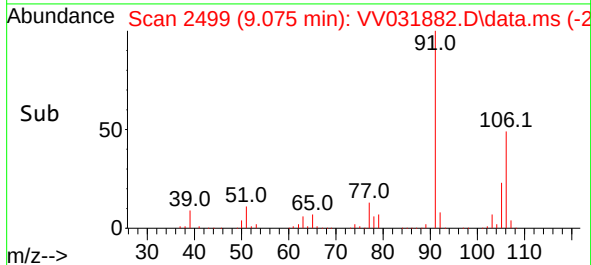
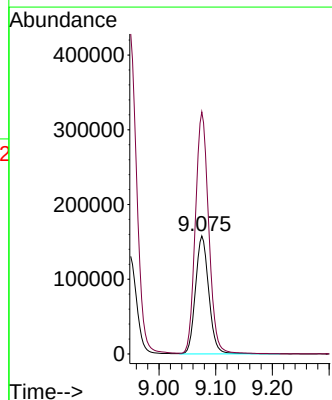
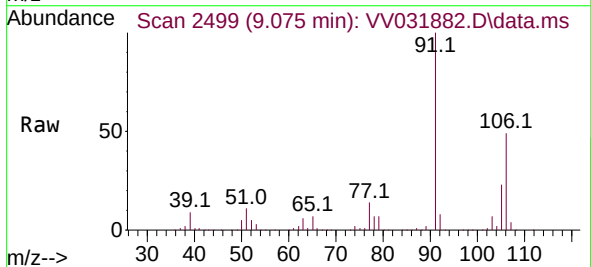
Instrument :
MSVOA_V
ClientSampleId :

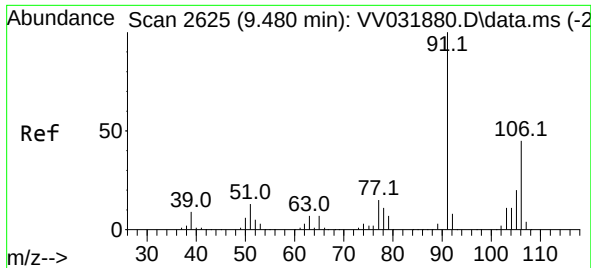
Tgt Ion: 91 Resp: 684392
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 19.546 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion: 106 Resp: 256222
Ion Ratio Lower Upper
106 100
91 205.0 142.7 265.1

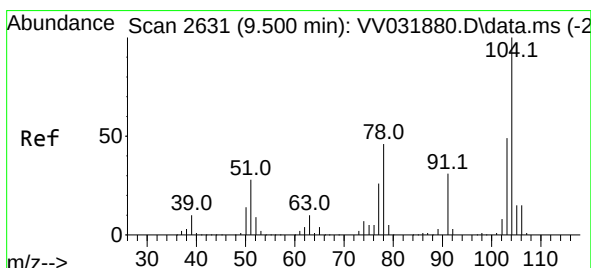
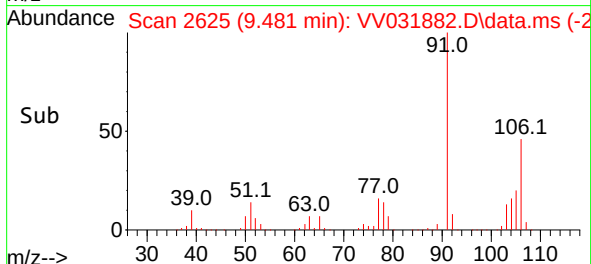
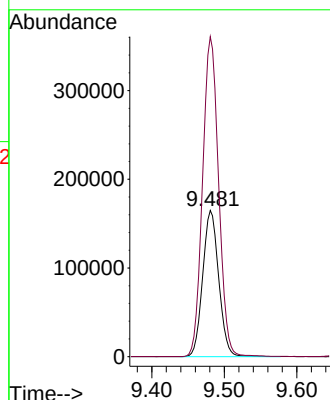
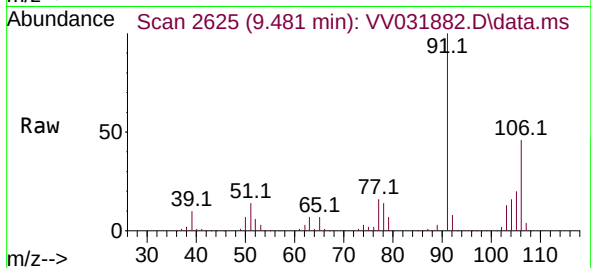




#54
o-Xylene
Concen: 19.954 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

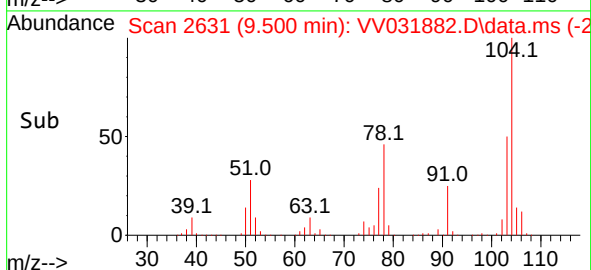
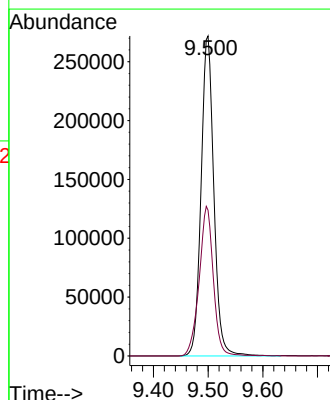
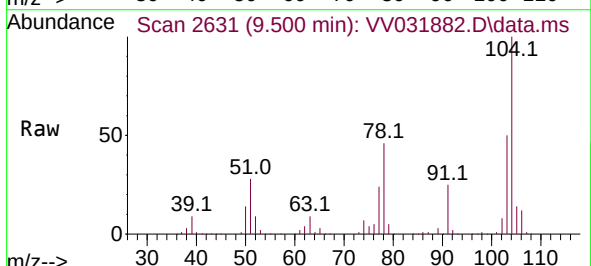
Instrument :
MSVOA_V
ClientSampleId :

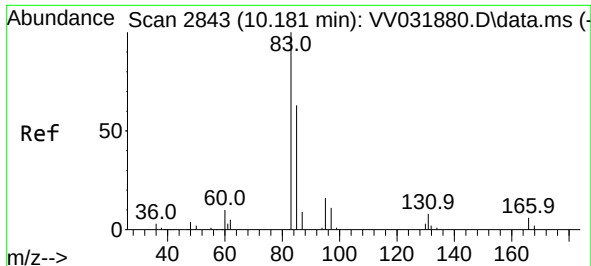
Tgt Ion:106 Resp: 252752
Ion Ratio Lower Upper
106 100
91 218.8 154.7 287.3



#55
Styrene
Concen: 20.162 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion:104 Resp: 440600
Ion Ratio Lower Upper
104 100
78 45.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 20.462 ug/L

RT: 10.181 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

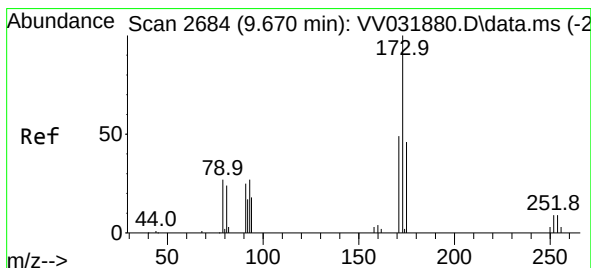
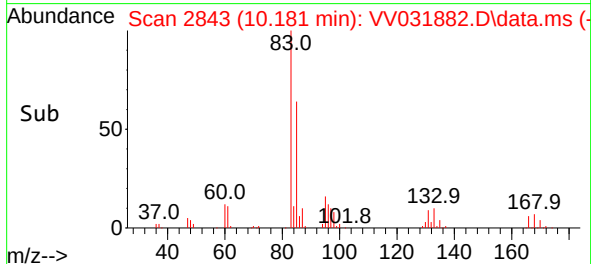
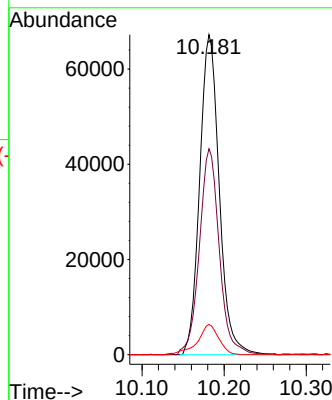
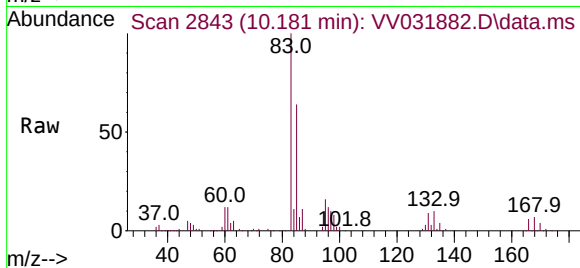
Tgt Ion: 83 Resp: 111326

Ion Ratio Lower Upper

83 100

85 64.4 46.6 86.6

131 9.4 7.4 11.2



#59

Bromoform

Concen: 22.417 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

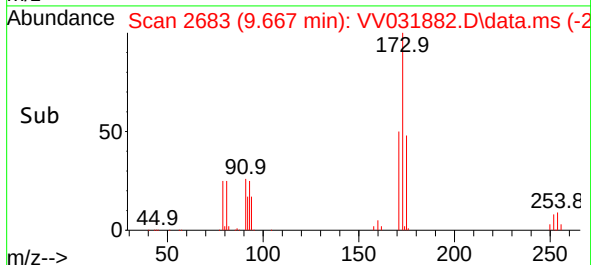
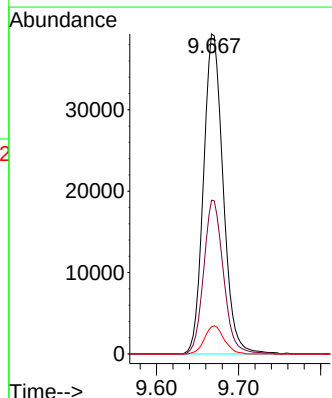
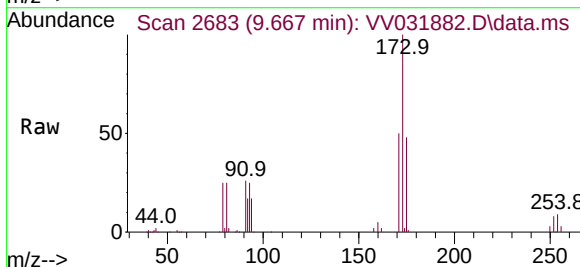
Tgt Ion: 173 Resp: 65582

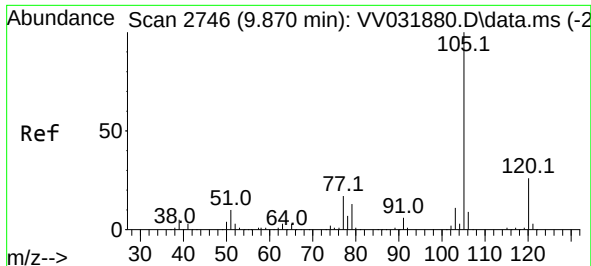
Ion Ratio Lower Upper

173 100

175 48.2 38.0 57.0

254 8.7 6.8 10.2

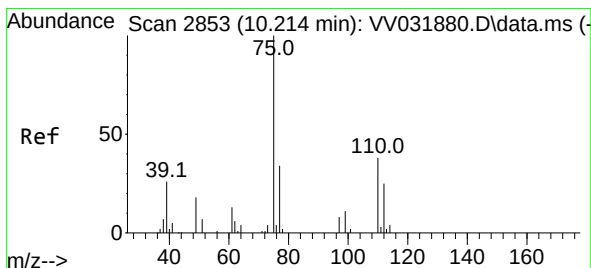
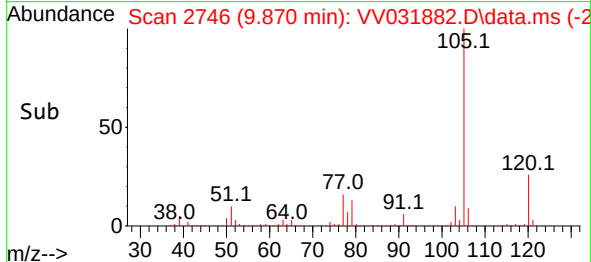
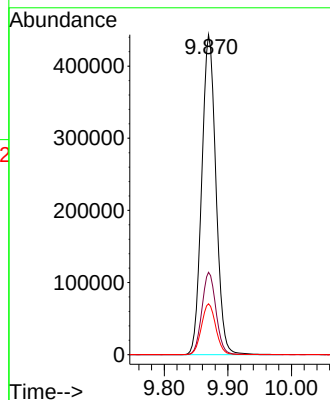
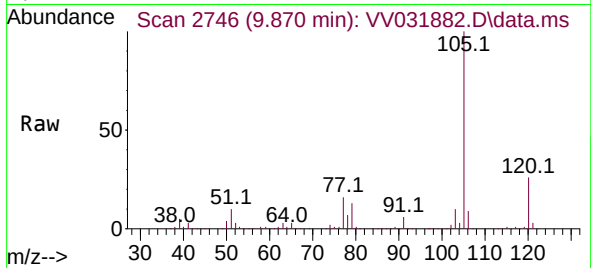




#60
Isopropylbenzene
Concen: 19.915 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

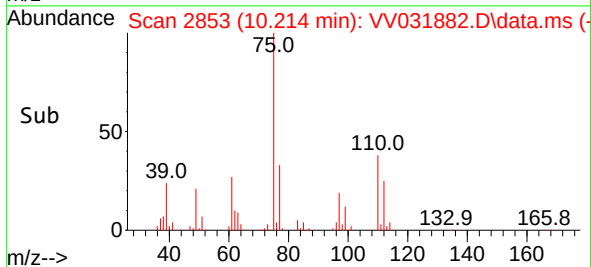
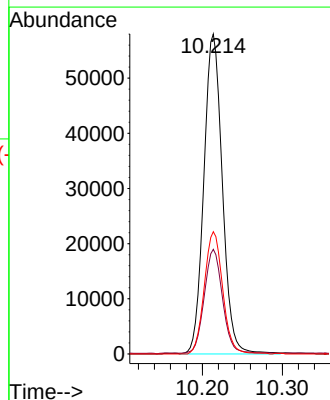
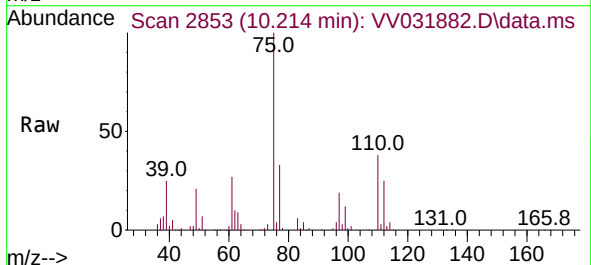
Instrument :
MSVOA_V
ClientSampleId :

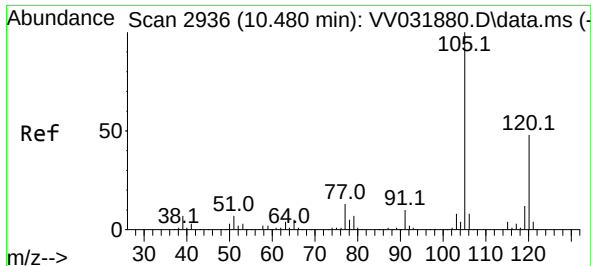
Tgt Ion:105 Resp: 685457
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 20.536 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion: 75 Resp: 93654
Ion Ratio Lower Upper
75 100
77 32.1 28.8 43.2
110 37.9 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 20.128 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

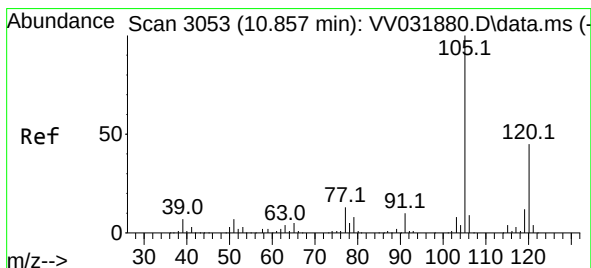
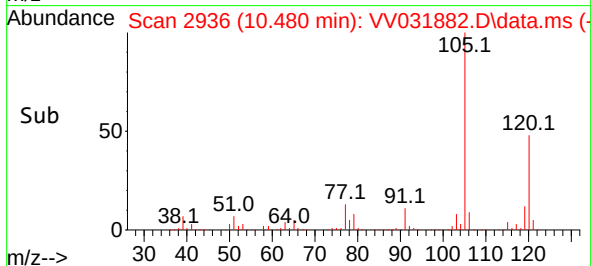
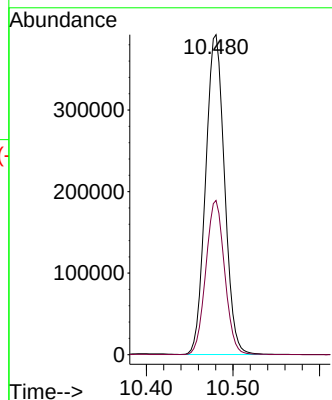
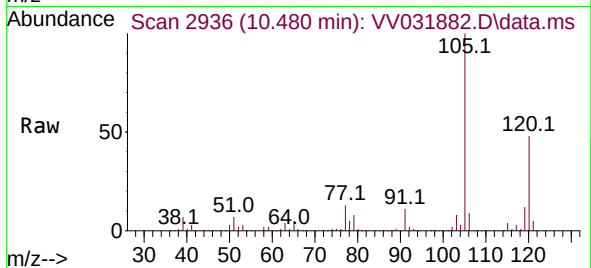
ClientSampleId :

Tgt Ion:105 Resp: 593824

Ion Ratio Lower Upper

105 100

120 48.1 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 20.316 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV031882.D

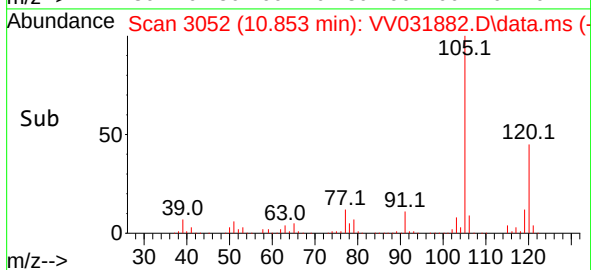
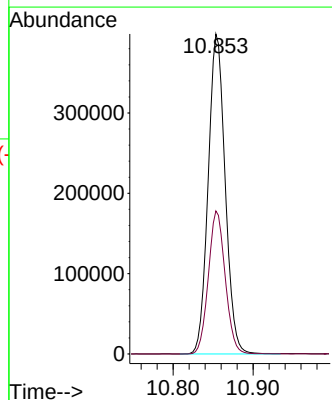
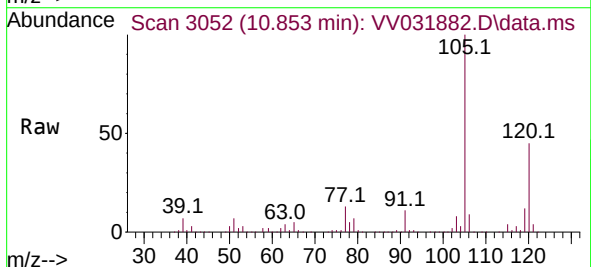
Acq: 23 Aug 2023 21:15

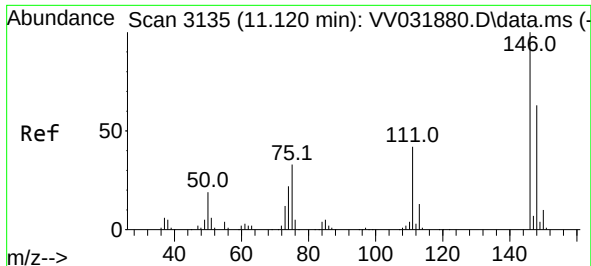
Tgt Ion:105 Resp: 588918

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8

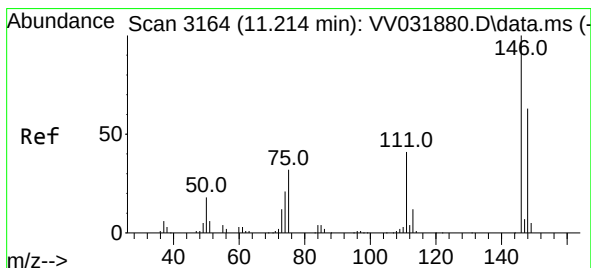
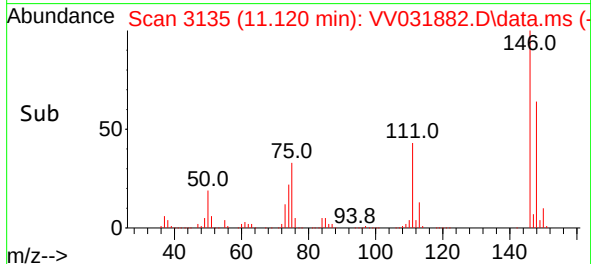
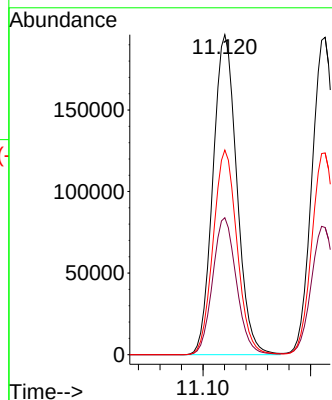
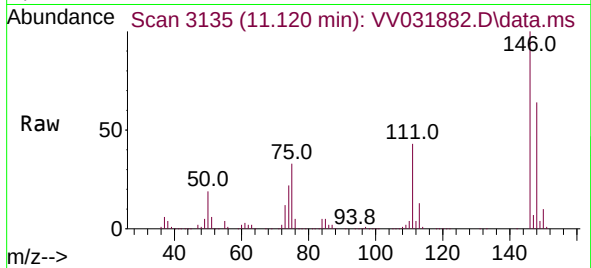




#64
1,3-Dichlorobenzene
Concen: 19.868 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

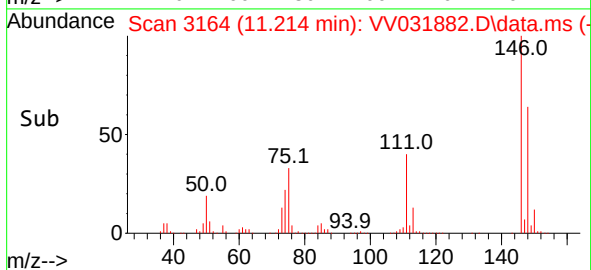
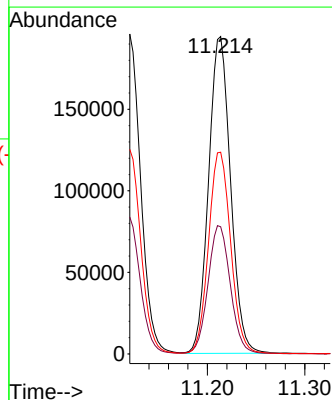
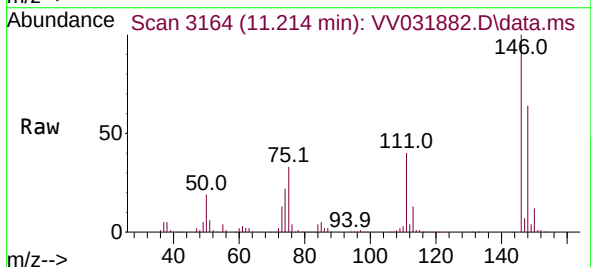
Instrument :
MSVOA_V
ClientSampleId :

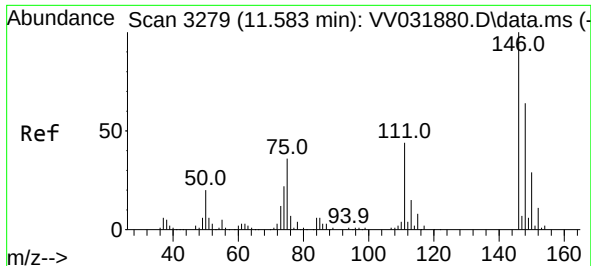
Tgt Ion:146 Resp: 302852
Ion Ratio Lower Upper
146 100
111 42.8 29.5 54.7
148 63.9 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 19.436 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031882.D
Acq: 23 Aug 2023 21:15

Tgt Ion:146 Resp: 304351
Ion Ratio Lower Upper
146 100
111 40.1 29.2 54.2
148 63.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 20.224 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

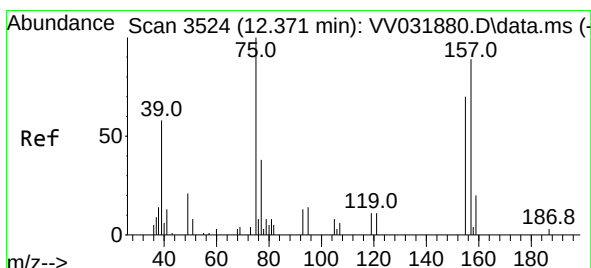
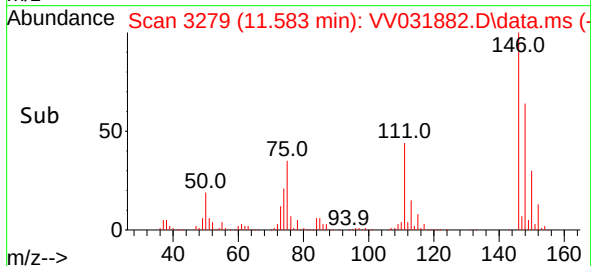
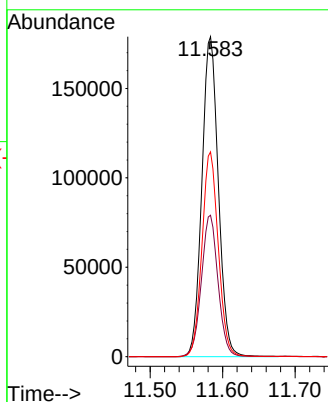
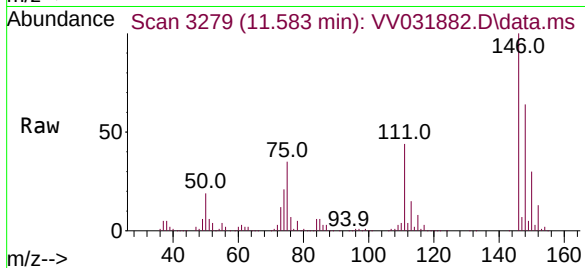
Tgt Ion:146 Resp: 282128

Ion Ratio Lower Upper

146 100

111 44.2 34.8 52.2

148 64.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.416 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

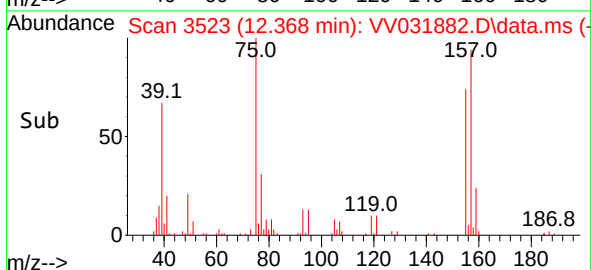
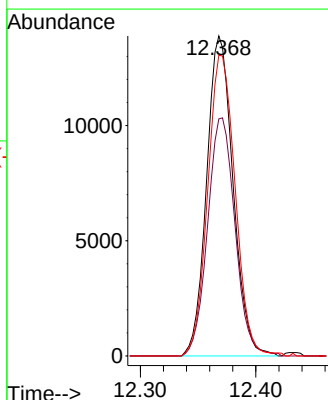
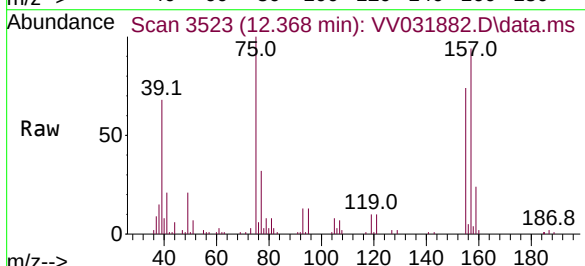
Tgt Ion: 75 Resp: 22122

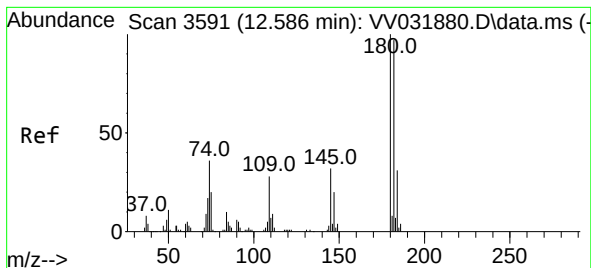
Ion Ratio Lower Upper

75 100

155 74.1 56.1 84.1

157 94.0 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 20.114 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 227918

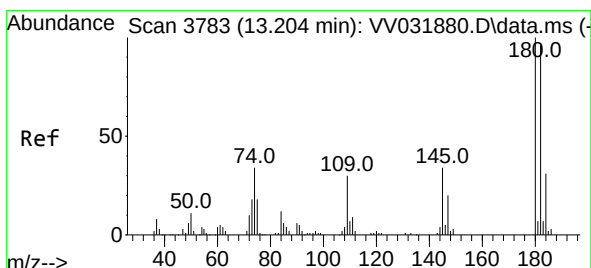
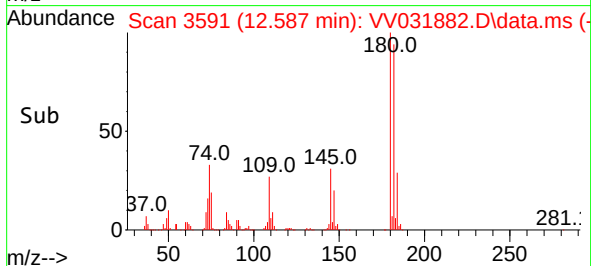
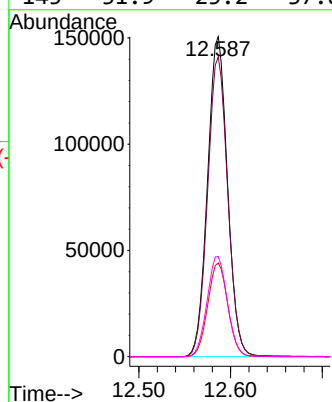
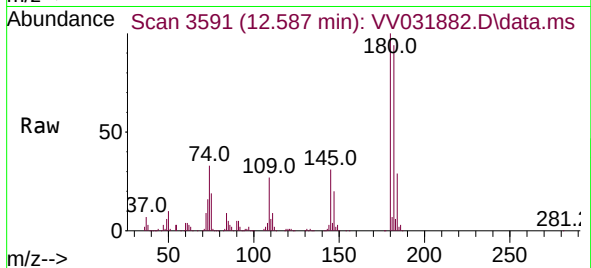
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

184 29.5 23.9 35.9

145 31.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 20.073 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

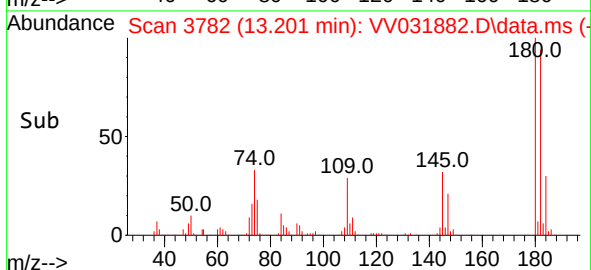
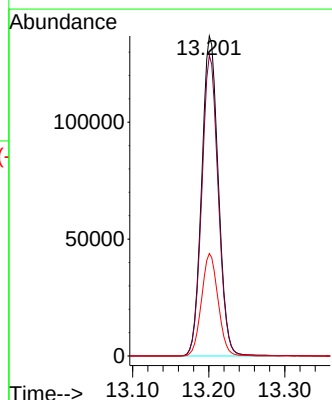
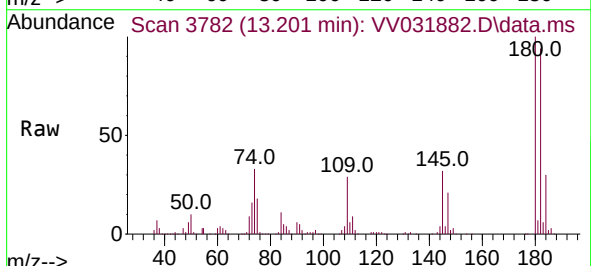
Tgt Ion:180 Resp: 207345

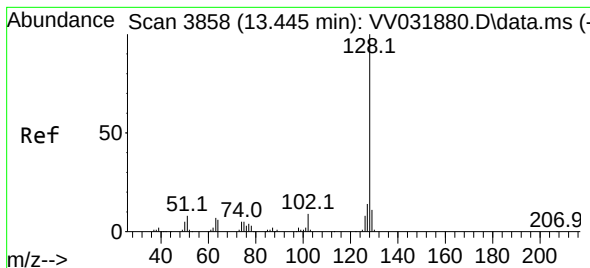
Ion Ratio Lower Upper

180 100

182 93.2 76.9 115.3

145 31.9 26.6 39.8





#71

Naphthalene

Concen: 19.890 ug/L

RT: 13.442 min Scan# 3858

Delta R.T. -0.003 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Instrument :

MSVOA_V

ClientSampleId :

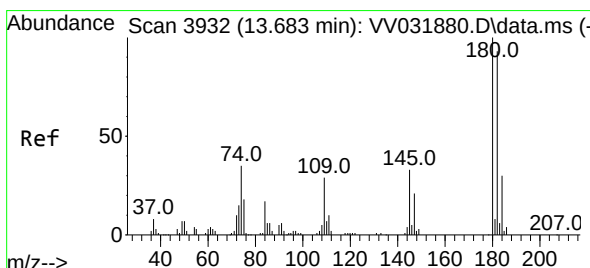
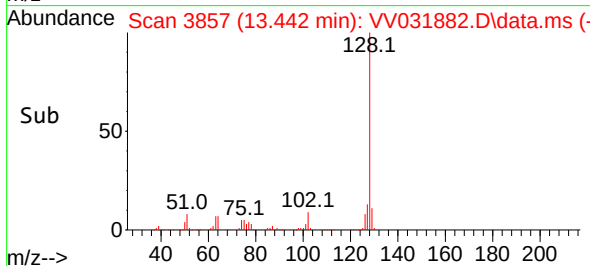
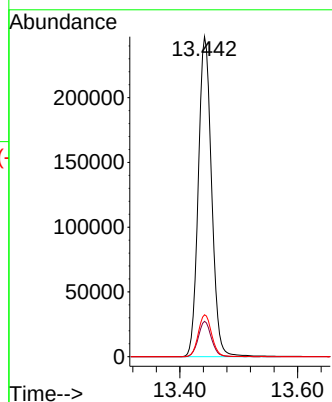
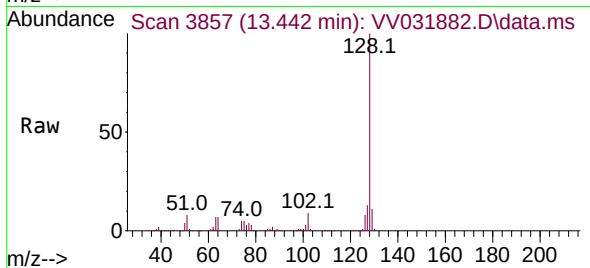
Tgt Ion:128 Resp: 387018

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 20.314 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031882.D

Acq: 23 Aug 2023 21:15

Tgt Ion:180 Resp: 176686

Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 34.3 27.3 40.9

