

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031881.D
 Acq On : 23 Aug 2023 20:51
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:25:54 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	114519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42360	10.952	ug/L	0.00
7) Chloroethane-d5	1.532	69	49840	11.248	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	23882	10.491	ug/L	0.00
20) 2-Butanone-d5	3.809	46	200034	105.819	ug/L	0.00
24) Chloroform-d	4.252	84	142066	10.853	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	72330	10.723	ug/L	0.00
32) Benzene-d6	4.963	84	268814	10.781	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	90073	10.244	ug/L	0.00
41) Toluene-d8	7.246	98	246939	10.672	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	34625	10.799	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	197778	115.693	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	68280	10.824	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	97445	10.246	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	68594	10.487	ug/L	99
3) Chloromethane	1.214	50	70144	10.010	ug/L	99
5) Vinyl chloride	1.282	62	74124	10.321	ug/L	97
6) Bromomethane	1.487	94	44090	9.822	ug/L	100
8) Chloroethane	1.548	64	47279	10.307	ug/L	99
9) Trichlorofluoromethane	1.712	101	96964	10.467	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	57985	10.495	ug/L	96
12) 1,1-Dichloroethene	2.069	96	52863	10.254	ug/L	97
13) Acetone	2.143	43	81225	68.458	ug/L	71
14) Carbon disulfide	2.240	76	152119	10.490	ug/L	98
15) Methyl Acetate	2.388	43	25610	11.391	ug/L	100
16) Methylene chloride	2.449	84	67925	8.102	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	167098	10.447	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	59757	10.226	ug/L	96
19) 1,1-Dichloroethane	3.114	63	125482	10.426	ug/L	97
21) 2-Butanone	3.892	43	152424	99.003	ug/L	84
22) cis-1,2-Dichloroethene	3.815	96	69408	10.311	ug/L	98
23) Bromochloromethane	4.153	128	28550	10.689	ug/L	96
25) Chloroform	4.278	83	126880	10.342	ug/L	96
27) 1,2-Dichloroethane	5.047	62	78005	10.632	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	106896	10.099	ug/L	99
30) Cyclohexane	4.584	56	108283	9.954	ug/L	99
31) Carbon tetrachloride	4.738	117	88550	10.344	ug/L	98
33) Benzene	5.011	78	263953	10.457	ug/L	100
34) Trichloroethene	5.834	95	75480	10.231	ug/L	95
35) Methylcyclohexane	6.053	83	110169	10.259	ug/L	100
37) 1,2-Dichloropropane	6.098	63	67970	9.773	ug/L	99
38) Bromodichloromethane	6.436	83	93439	10.381	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	116697	11.030	ug/L	96
40) 4-Methyl-2-pentanone	7.162	43	467482	107.246	ug/L	94
42) Toluene	7.317	91	284938	10.161	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	95330	10.792	ug/L	100

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

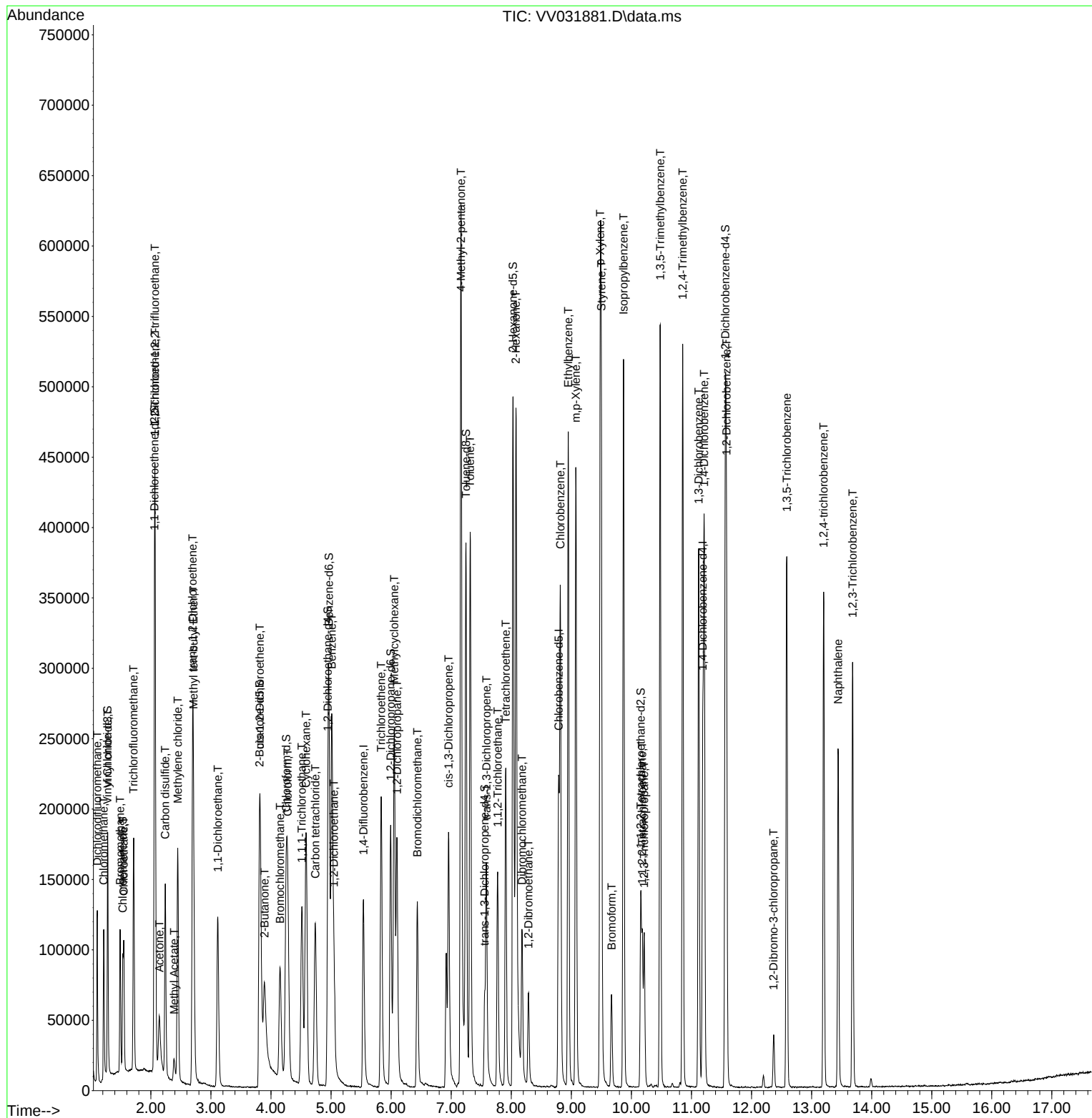
45) 1,1,2-Trichloroethane	7.773	97	50733	10.192	ug/L	99
47) Tetrachloroethene	7.908	164	49098	10.418	ug/L	98
48) 2-Hexanone	8.079	43	333955	103.052	ug/L	99
49) Dibromochloromethane	8.178	129	55259	10.653	ug/L	96
50) 1,2-Dibromoethane	8.288	107	47200	10.485	ug/L	98
51) Chlorobenzene	8.818	112	180918	10.189	ug/L	99
52) Ethylbenzene	8.950	91	329303	10.214	ug/L	100
53) m,p-Xylene	9.075	106	123533	10.173	ug/L	98
54) o-Xylene	9.481	106	120264	10.249	ug/L	99
55) Styrene	9.500	104	212123	10.479	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	51407	10.200	ug/L	98
59) Bromoform	9.670	173	29376	10.587	ug/L	99
60) Isopropylbenzene	9.870	105	332533	10.186	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	44272	10.235	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	283571	10.134	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	281683	10.245	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	145987	10.098	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	146989	9.897	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	135369	10.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	9960	10.166	ug/L	88
69) 1,3,5-Trichlorobenzene	12.587	180	108335	10.080	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	97390	9.941	ug/L	99
71) Naphthalene	13.442	128	182563	9.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	82797	10.037	ug/L	100

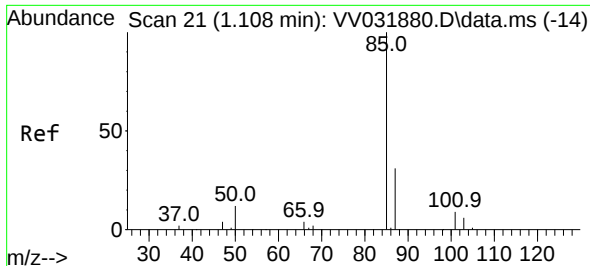
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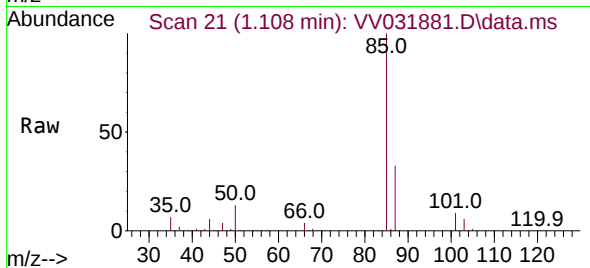
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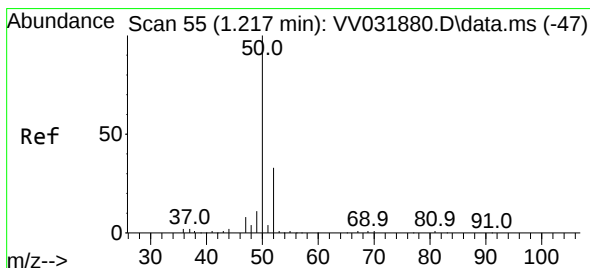
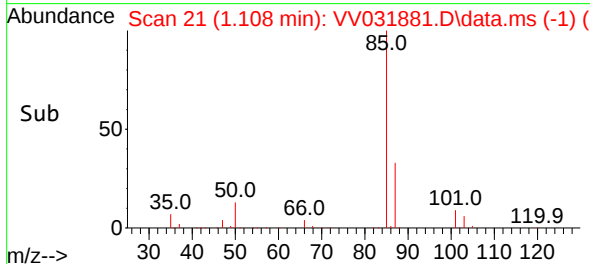
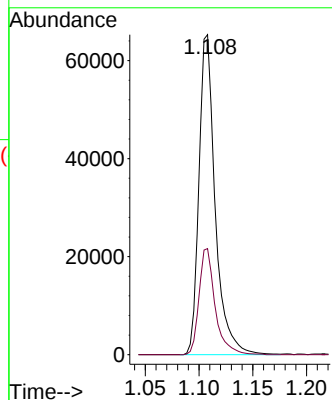


#2
 Dichlorodifluoromethane
 Concen: 10.487 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

Instrument :
 MSVOA_V
 ClientSampleId :

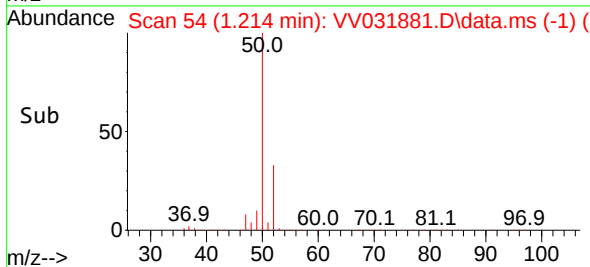
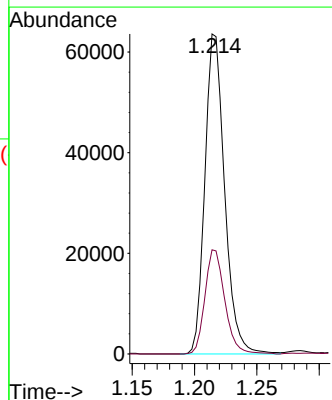
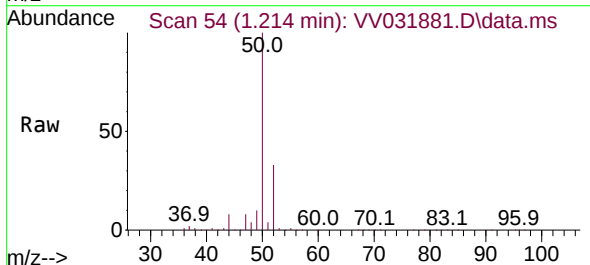


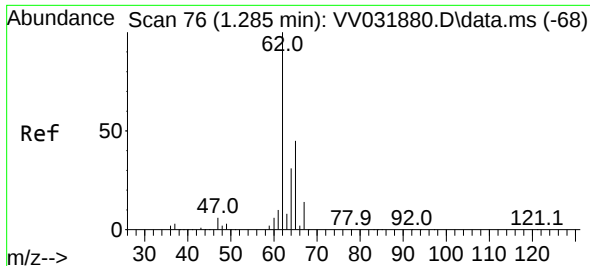
Tgt Ion: 85 Resp: 68594
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.7 38.5



#3
 Chloromethane
 Concen: 10.010 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

Tgt Ion: 50 Resp: 70144
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.3 43.3

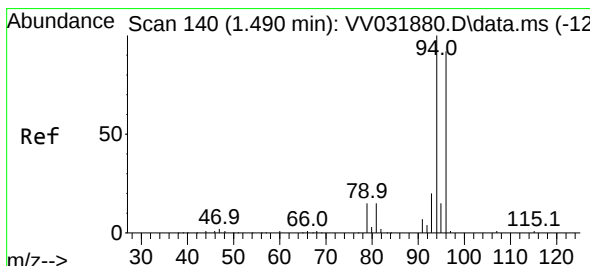
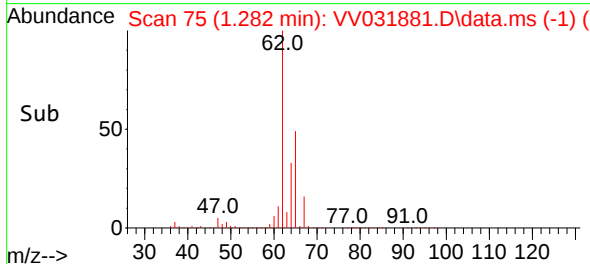
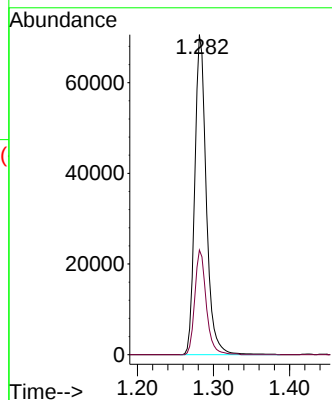
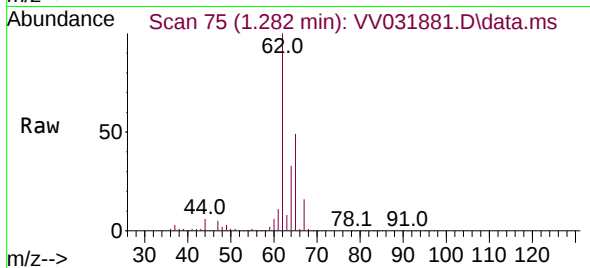




#5
 Vinyl chloride
 Concen: 10.321 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

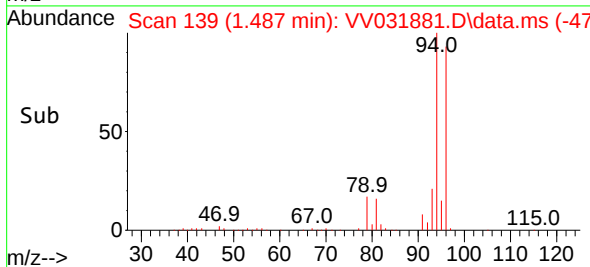
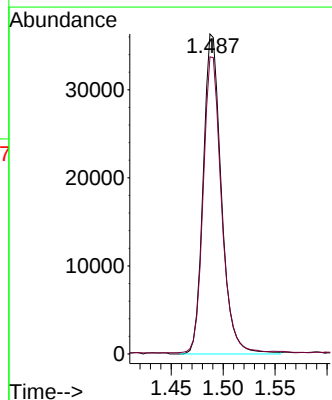
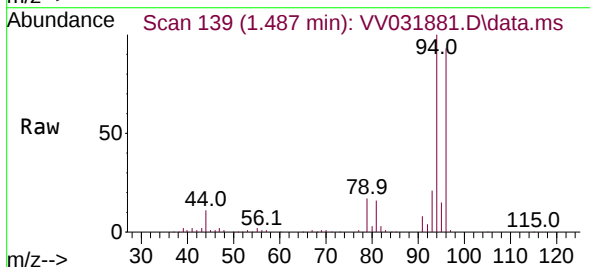
Instrument :
 MSVOA_V
 ClientSampleId :

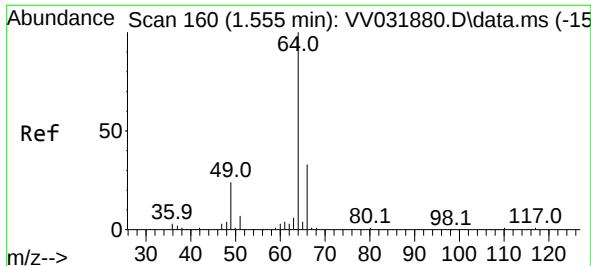
Tgt Ion: 62 Resp: 74124
 Ion Ratio Lower Upper
 62 100
 64 32.7 21.7 40.3



#6
 Bromomethane
 Concen: 9.822 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

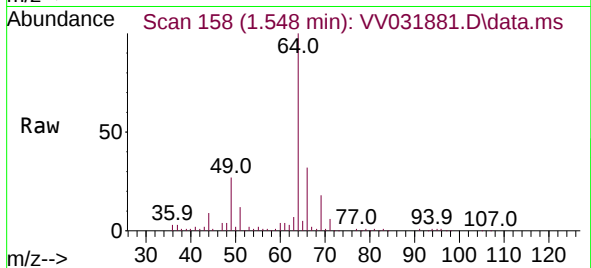
Tgt Ion: 94 Resp: 44090
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.0 120.8



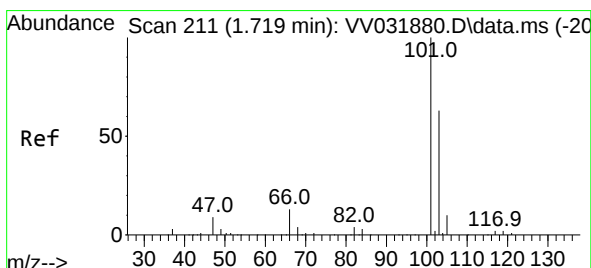
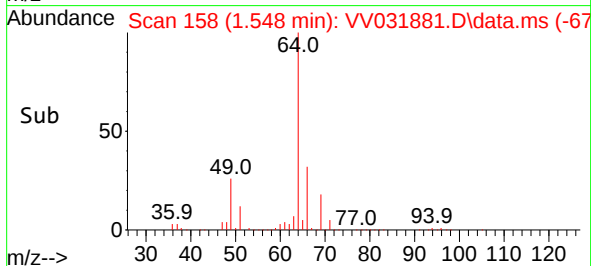
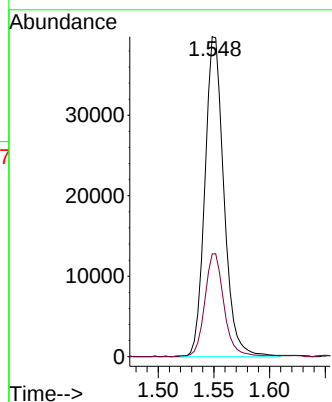


#8
Chloroethane
Concen: 10.307 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :

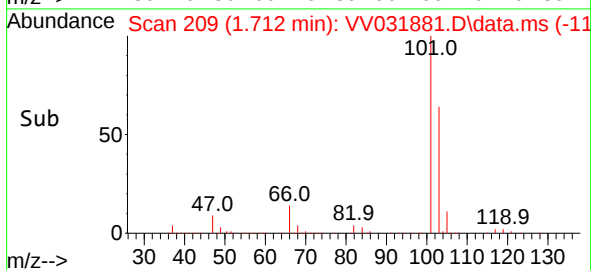
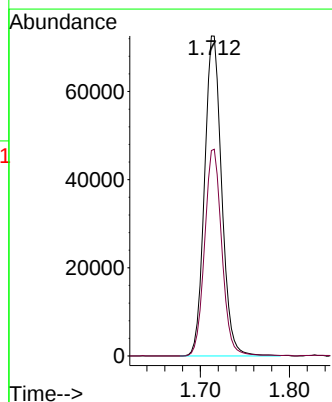
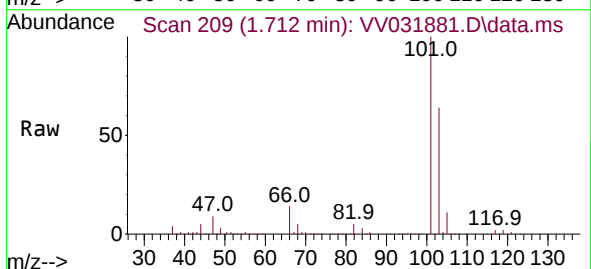


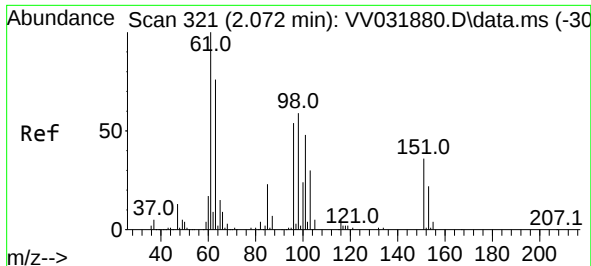
Tgt Ion: 64 Resp: 47279
Ion Ratio Lower Upper
64 100
66 32.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 10.467 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.006 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion:101 Resp: 96964
Ion Ratio Lower Upper
101 100
103 64.8 50.5 75.7





#10

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

Concen: 10.495 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

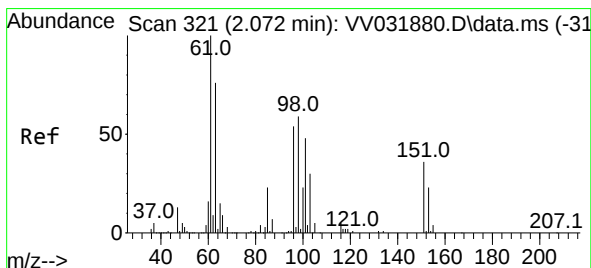
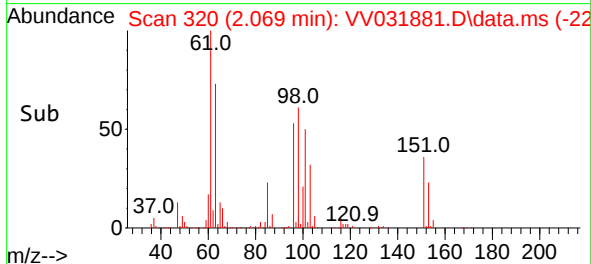
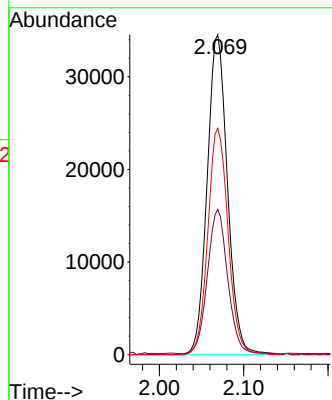
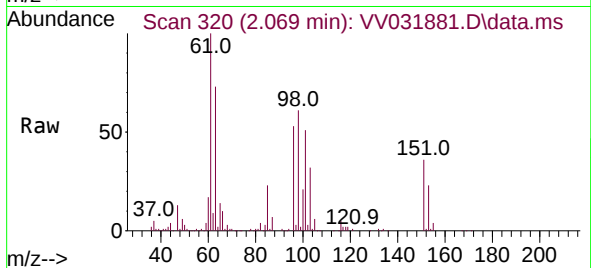
Tgt Ion:101 Resp: 57985

Ion Ratio Lower Upper

101 100

85 44.5 38.3 57.5

151 70.5 58.5 87.7



#12

1,1-Dichloroethene

Concen: 10.254 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

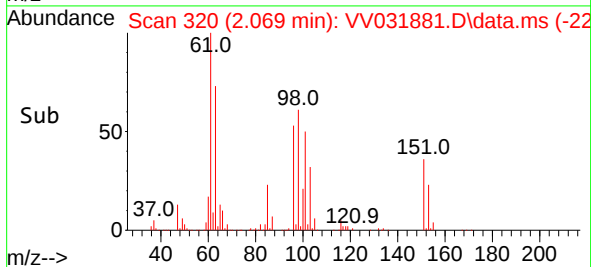
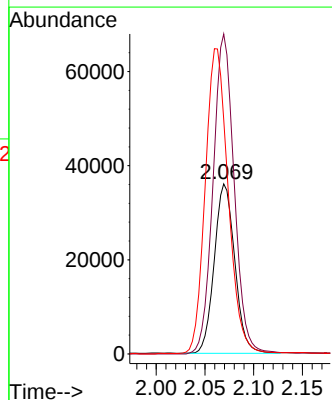
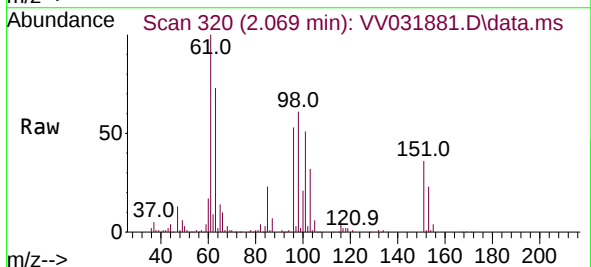
Tgt Ion: 96 Resp: 52863

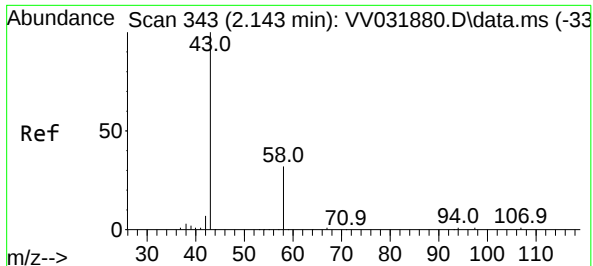
Ion Ratio Lower Upper

96 100

61 188.1 129.0 239.6

63 137.9 99.0 183.8





#13

Acetone

Concen: 68.458 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

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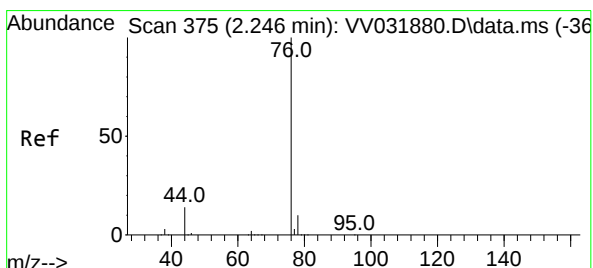
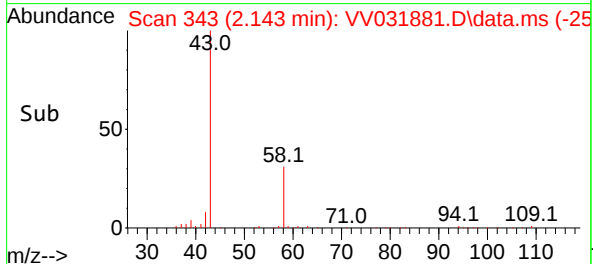
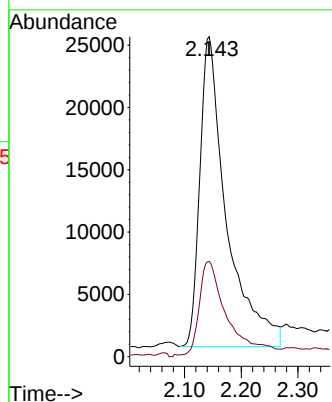
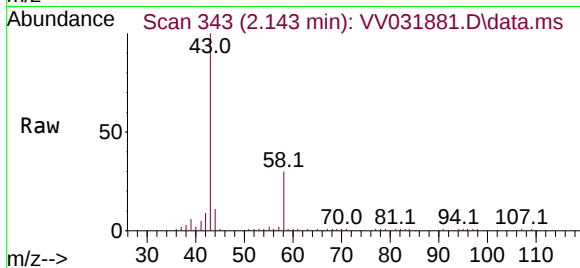
ClientSampleId :

Tgt Ion: 43 Resp: 81225

Ion Ratio Lower Upper

43 100

58 31.3 0.0 37.0



#14

Carbon disulfide

Concen: 10.490 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.006 min

Lab File: VV031881.D

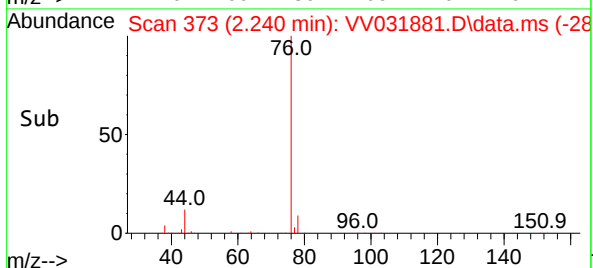
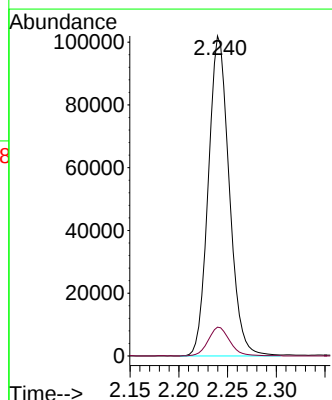
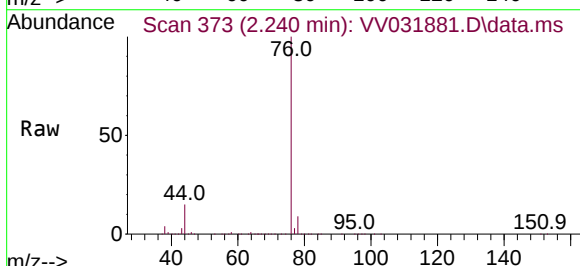
Acq: 23 Aug 2023 20:51

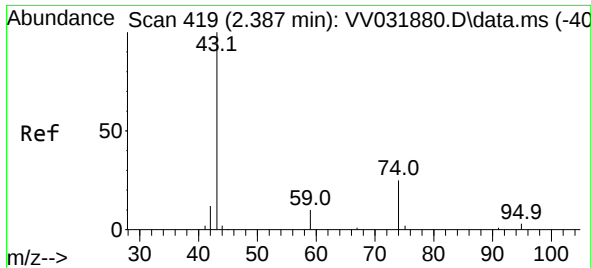
Tgt Ion: 76 Resp: 152119

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

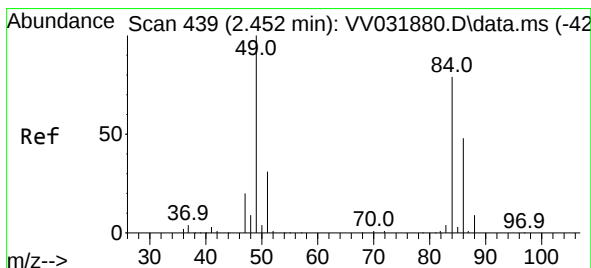
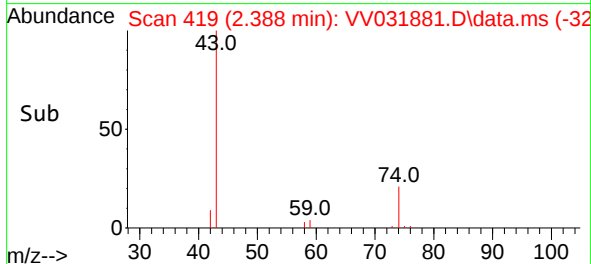
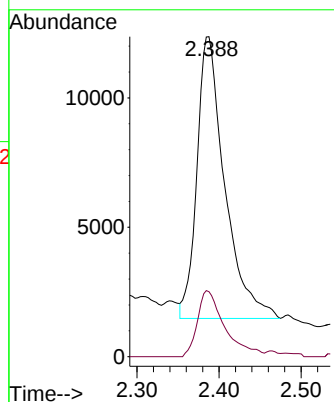
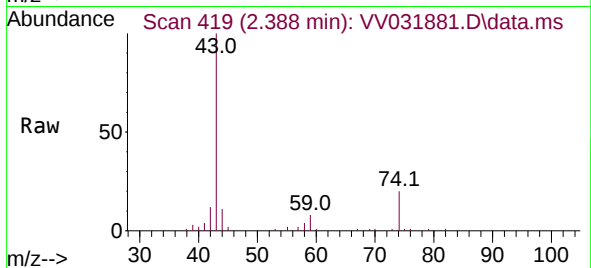




#15
Methyl Acetate
Concen: 11.391 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

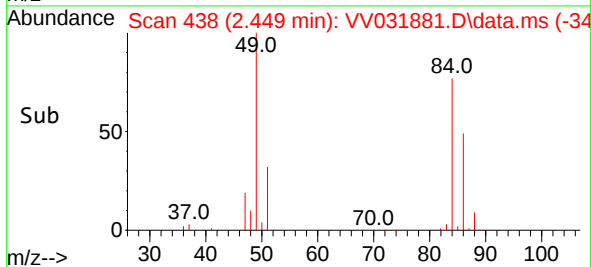
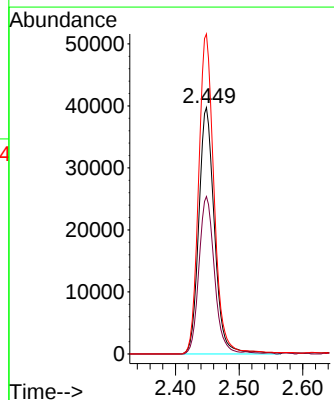
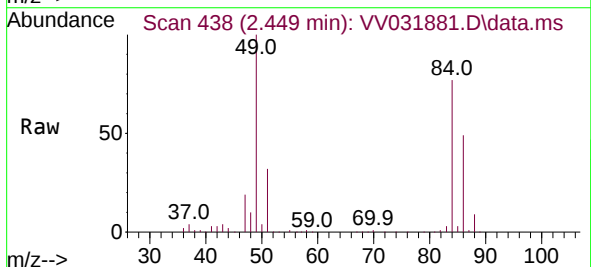
Instrument :
MSVOA_V
ClientSampleId :

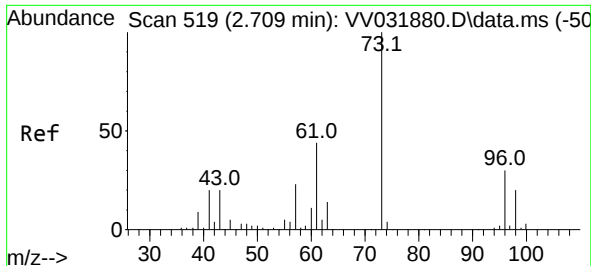
Tgt Ion: 43 Resp: 25610
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5



#16
Methylene chloride
Concen: 8.102 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion: 84 Resp: 67925
Ion Ratio Lower Upper
84 100
86 63.9 42.6 79.2
49 129.9 88.5 164.4





#17

Methyl tert-butyl Ether

Concen: 10.447 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

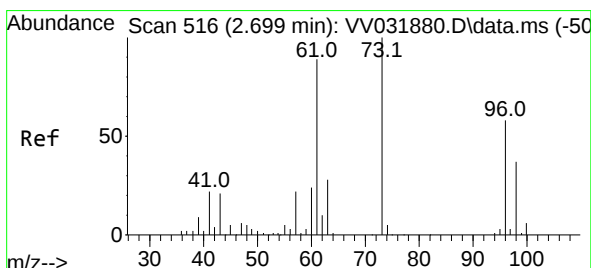
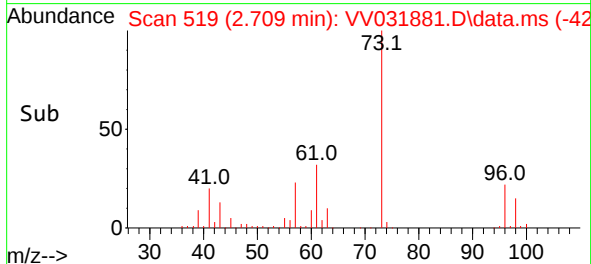
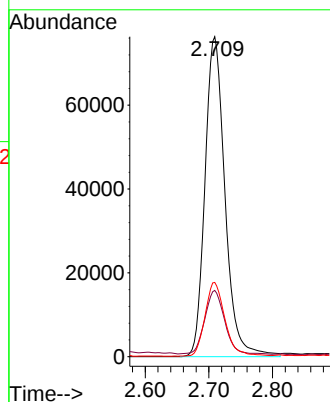
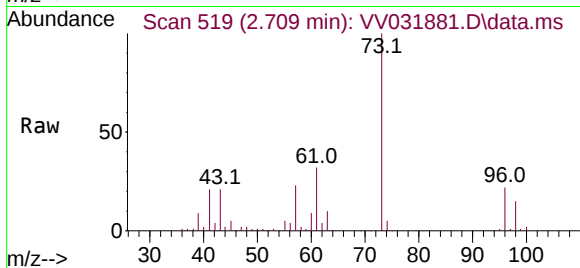
Tgt Ion: 73 Resp: 167098

Ion Ratio Lower Upper

73 100

43 19.3 15.6 23.4

57 22.8 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 10.226 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

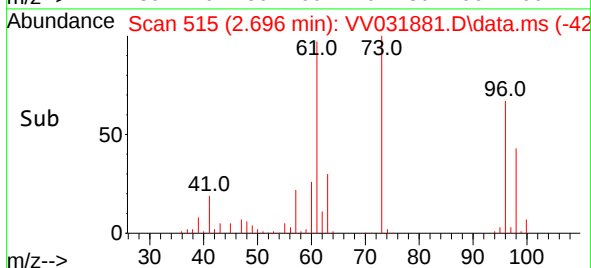
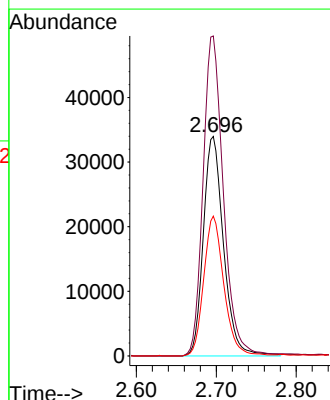
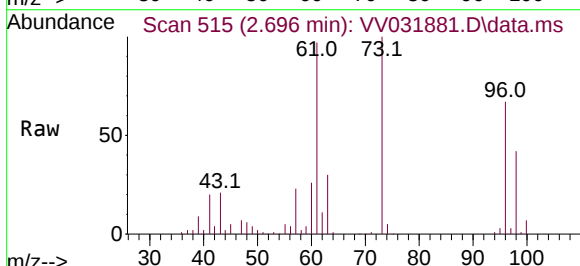
Tgt Ion: 96 Resp: 59757

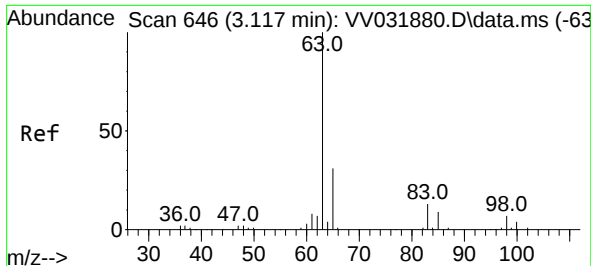
Ion Ratio Lower Upper

96 100

61 145.8 106.8 198.4

98 63.7 44.9 83.3





#19

1,1-Dichloroethane

Concen: 10.426 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

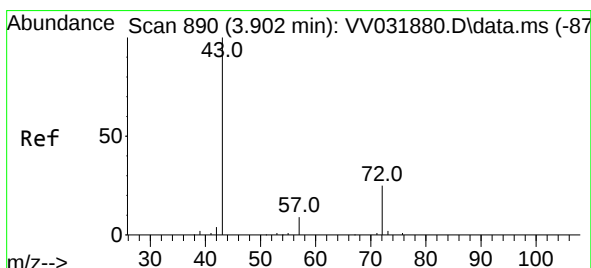
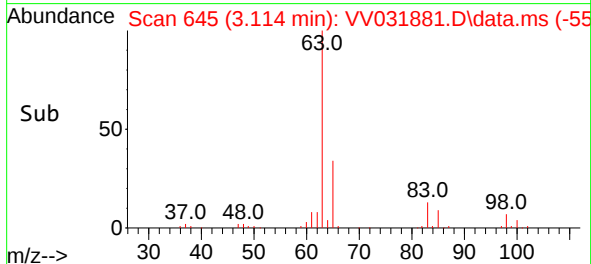
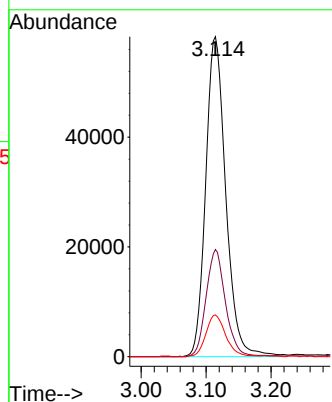
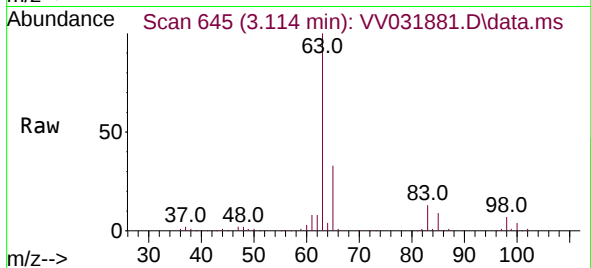
Tgt Ion: 63 Resp: 125482

Ion Ratio Lower Upper

63 100

65 33.5 21.9 40.7

83 13.0 9.2 17.2



#21

2-Butanone

Concen: 99.003 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.010 min

Lab File: VV031881.D

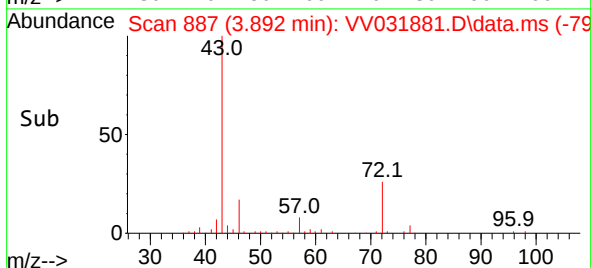
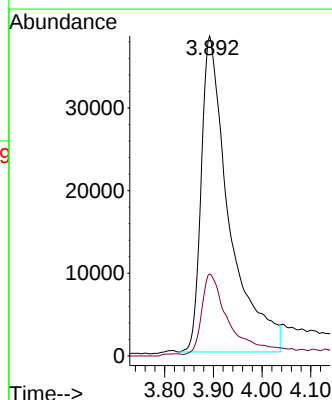
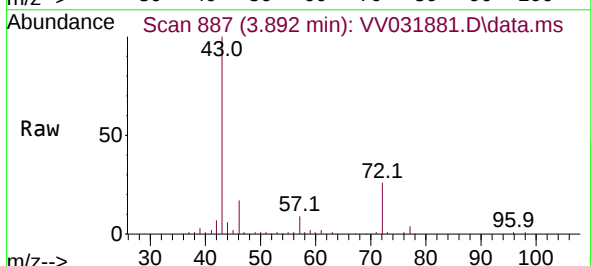
Acq: 23 Aug 2023 20:51

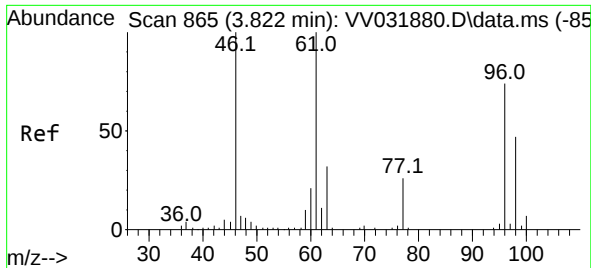
Tgt Ion: 43 Resp: 152424

Ion Ratio Lower Upper

43 100

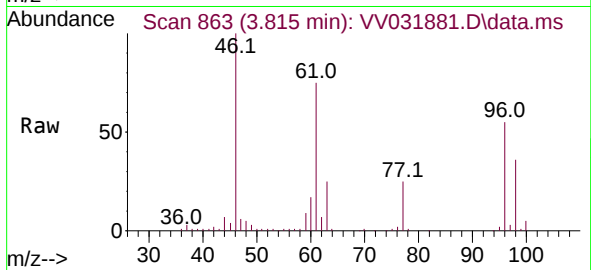
72 25.0 9.0 27.0





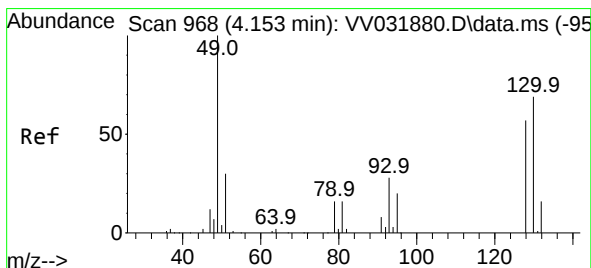
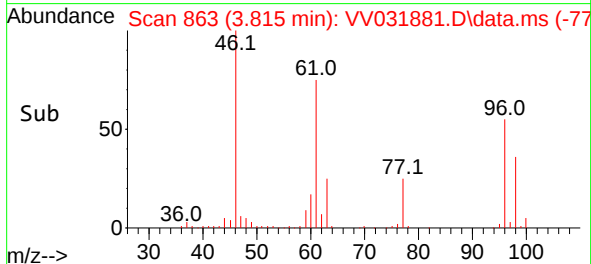
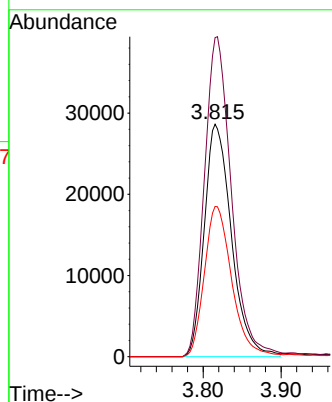
#22
 cis-1,2-Dichloroethene
 Concen: 10.311 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 69408

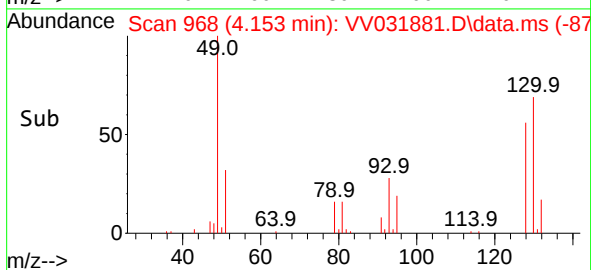
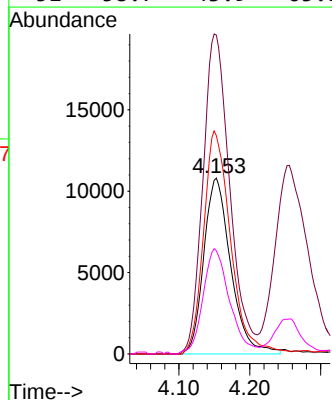
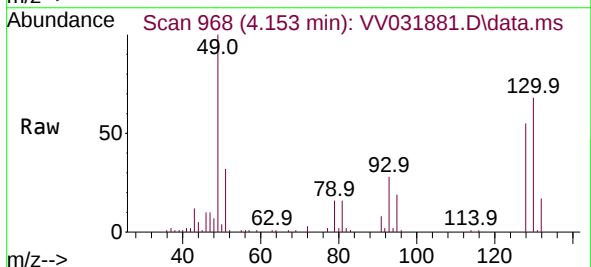
Ion	Ratio	Lower	Upper
96	100		
61	137.2	94.1	174.8
98	64.6	43.8	81.4

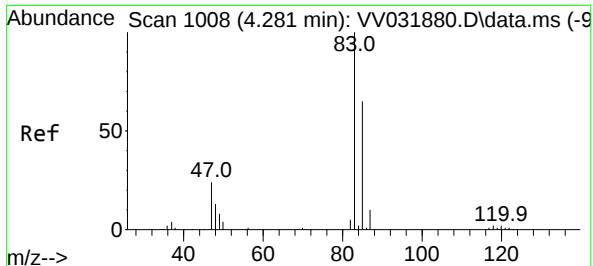


#23
 Bromochloromethane
 Concen: 10.689 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV031881.D
 Acq: 23 Aug 2023 20:51

Tgt Ion:128 Resp: 28550

Ion	Ratio	Lower	Upper
128	100		
49	181.3	123.7	229.7
130	124.1	84.3	156.5
51	58.7	43.9	65.9





#25

Chloroform

Concen: 10.342 ug/L

RT: 4.278 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

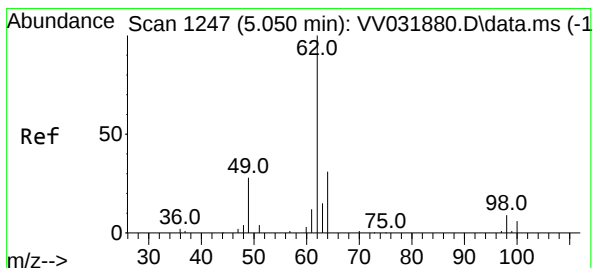
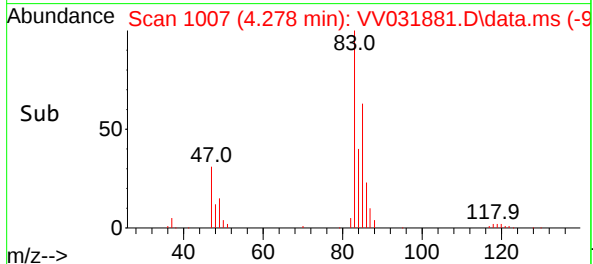
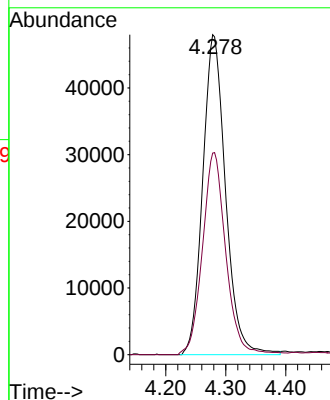
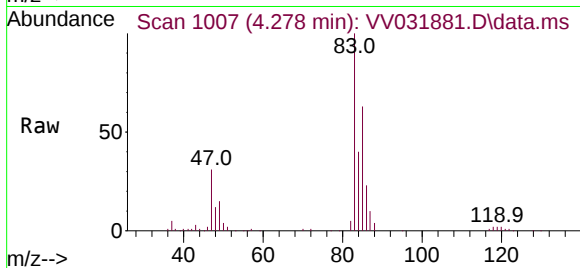
ClientSampleId :

Tgt Ion: 83 Resp: 126880

Ion Ratio Lower Upper

83 100

85 63.0 46.4 86.2



#27

1,2-Dichloroethane

Concen: 10.632 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV031881.D

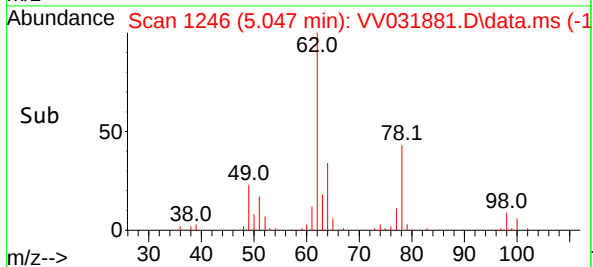
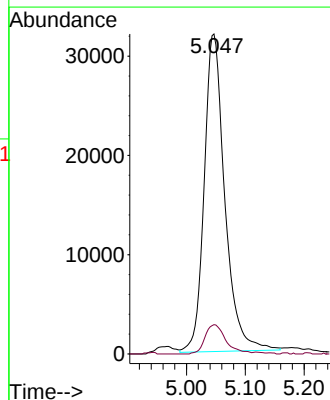
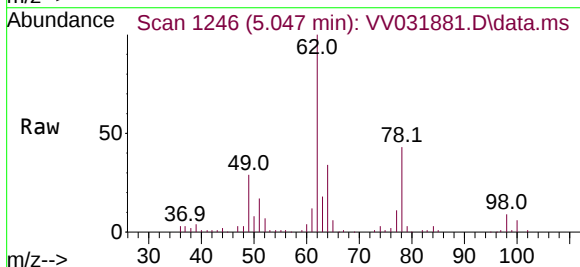
Acq: 23 Aug 2023 20:51

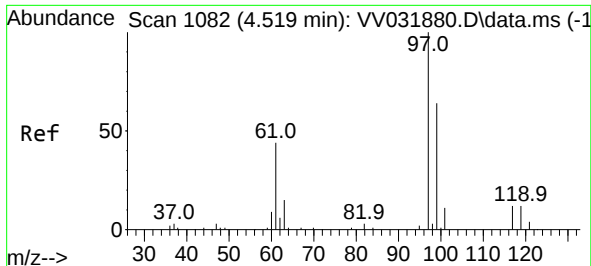
Tgt Ion: 62 Resp: 78005

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 10.099 ug/L

RT: 4.513 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

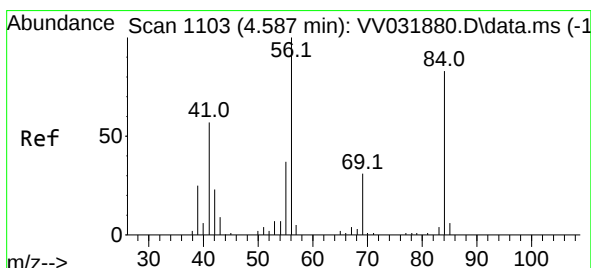
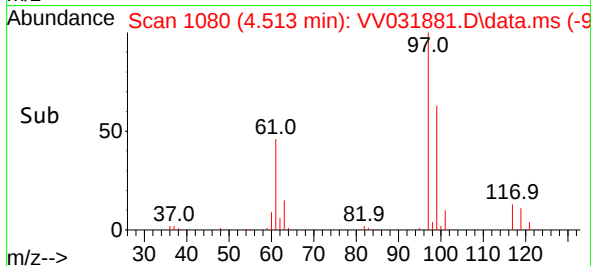
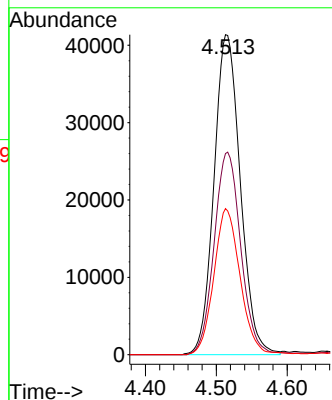
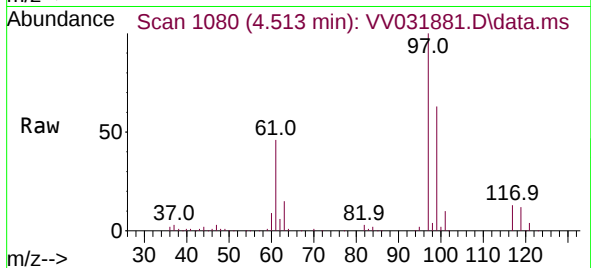
Tgt Ion: 97 Resp: 106896

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 45.7 35.5 53.3



#30

Cyclohexane

Concen: 9.954 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

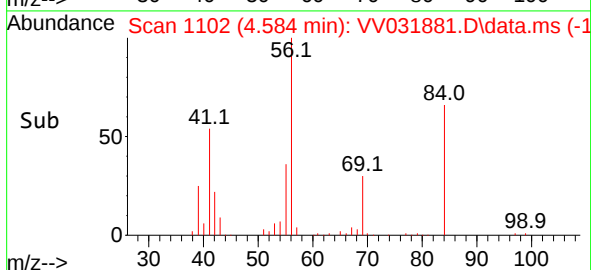
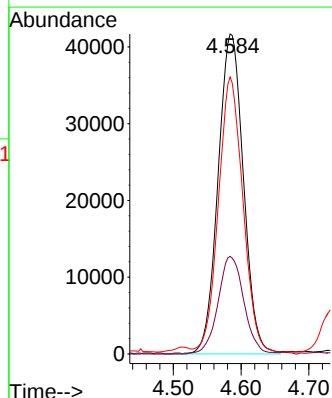
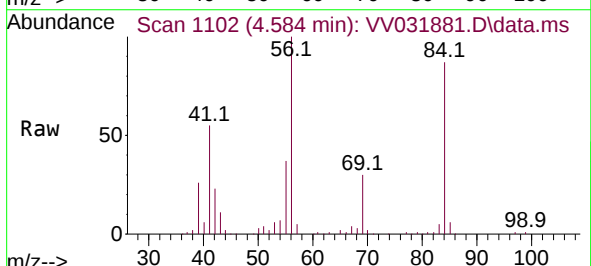
Tgt Ion: 56 Resp: 108283

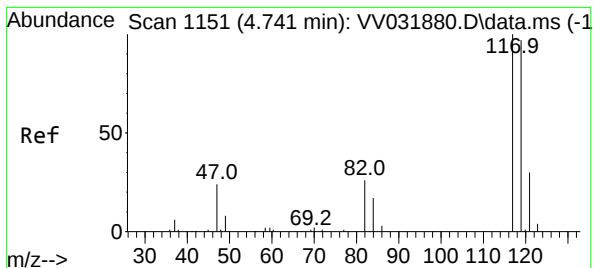
Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.0

84 82.8 66.8 100.2





#31

Carbon tetrachloride

Concen: 10.344 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

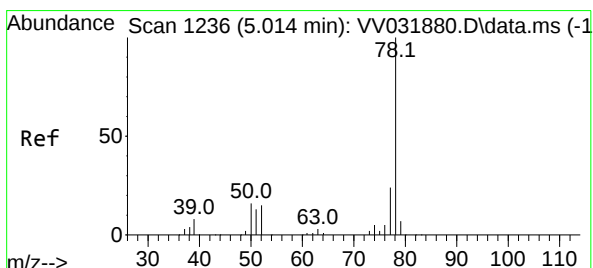
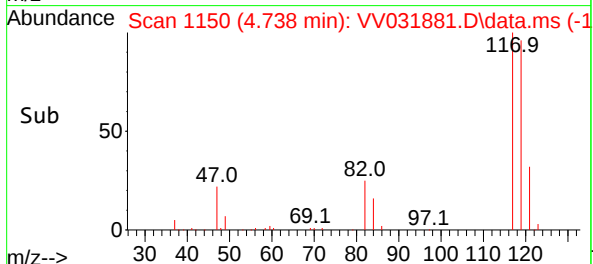
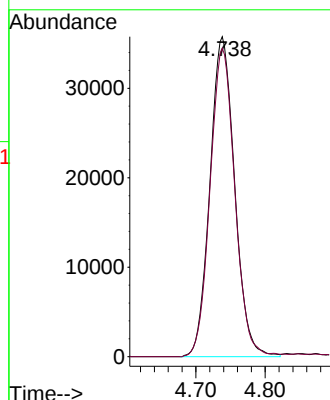
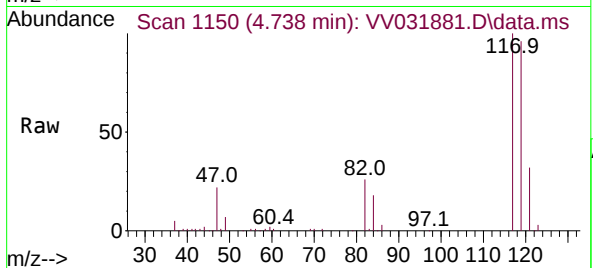
ClientSampleId :

Tgt Ion:117 Resp: 88550

Ion Ratio Lower Upper

117 100

119 96.2 78.4 117.6



#33

Benzene

Concen: 10.457 ug/L

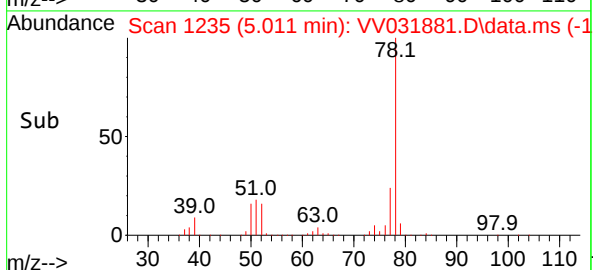
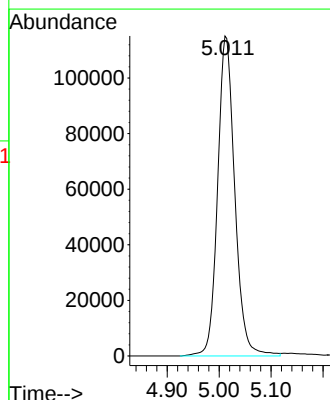
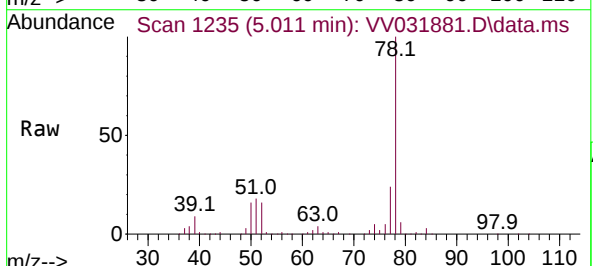
RT: 5.011 min Scan# 1235

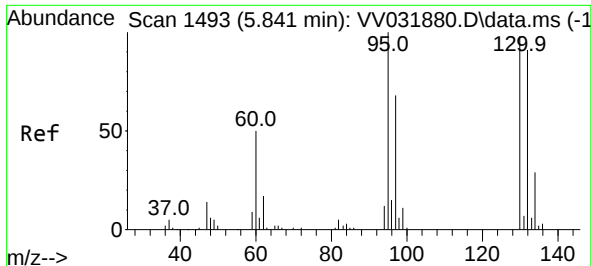
Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

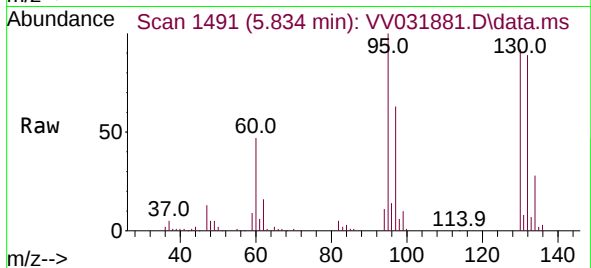
Tgt Ion: 78 Resp: 263953





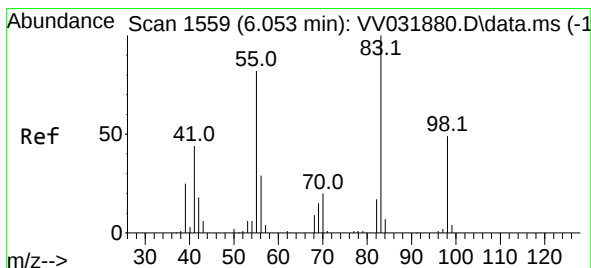
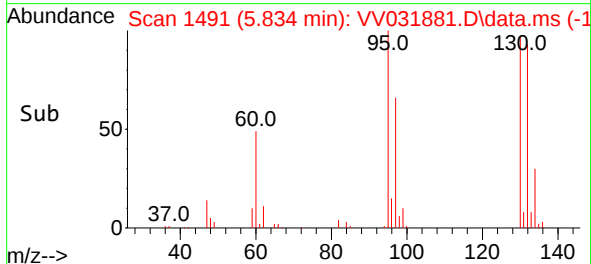
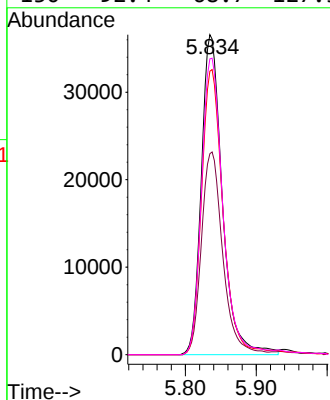
#34
Trichloroethene
Concen: 10.231 ug/L
RT: 5.834 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 75480

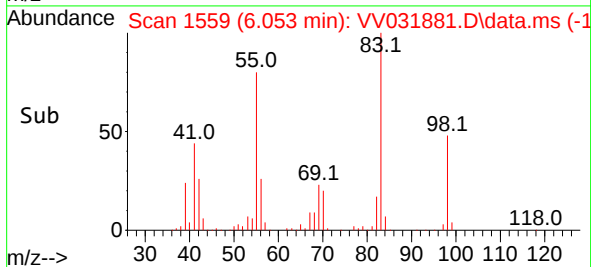
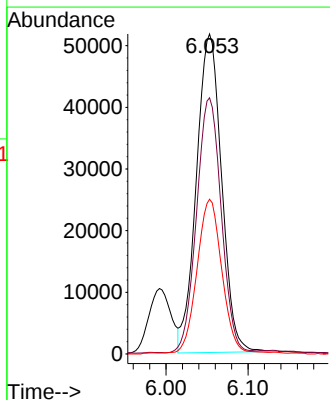
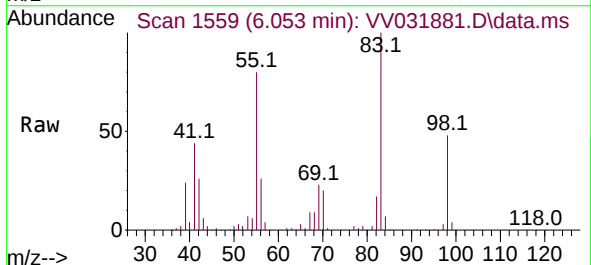
Ion	Ratio	Lower	Upper
95	100		
97	62.8	47.7	88.7
132	88.6	63.8	118.4
130	92.4	68.7	127.5

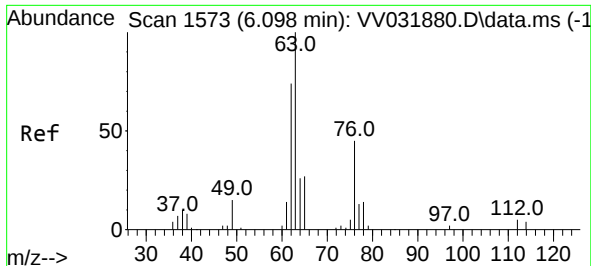


#35
Methylcyclohexane
Concen: 10.259 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion: 83 Resp: 110169

Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.6	94.0
98	47.2	37.8	56.8





#37

1,2-Dichloropropane

Concen: 9.773 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

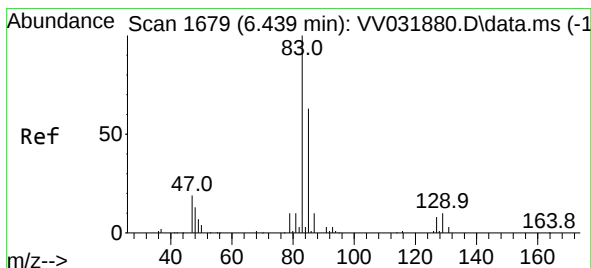
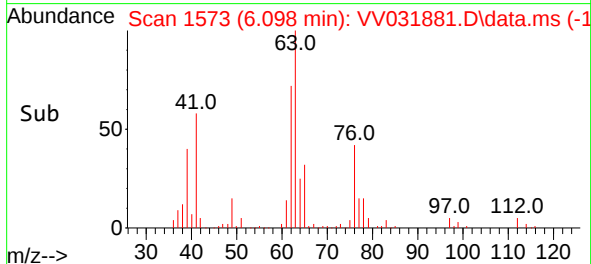
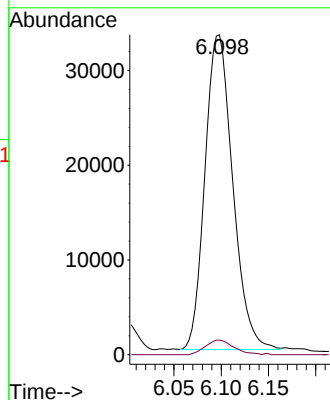
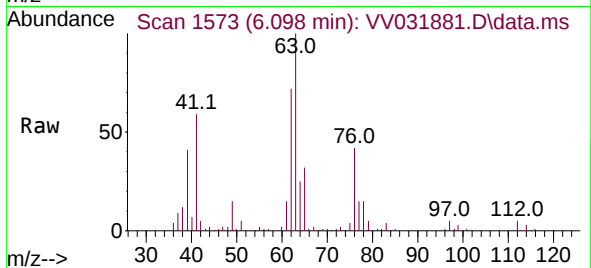
ClientSampleId :

Tgt Ion: 63 Resp: 67970

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 10.381 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

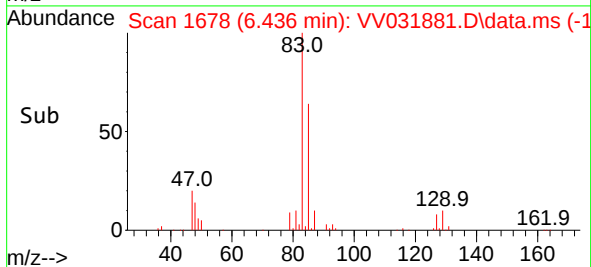
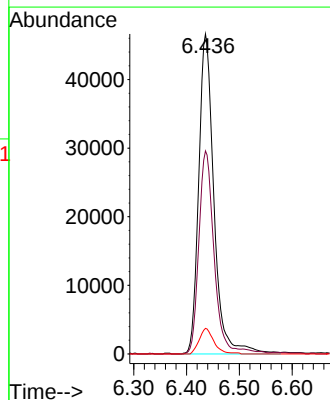
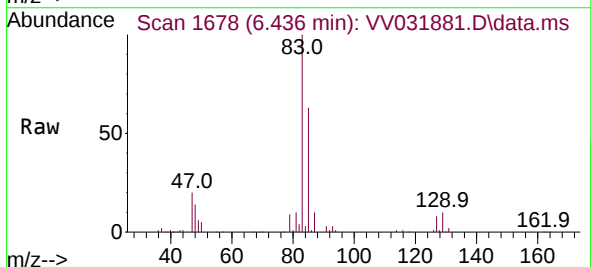
Tgt Ion: 83 Resp: 93439

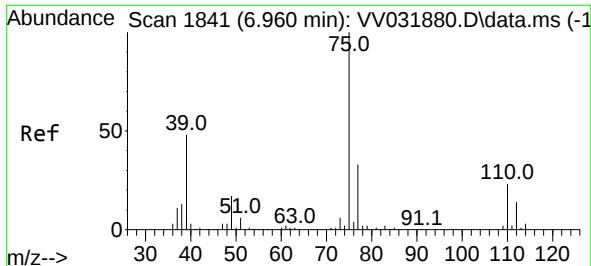
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 11.030 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

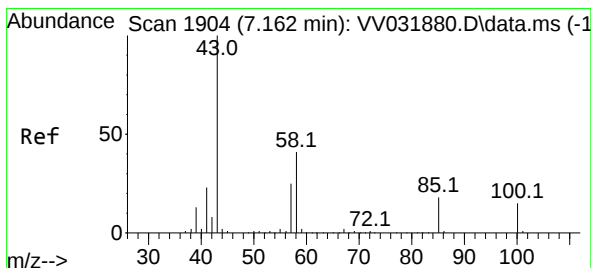
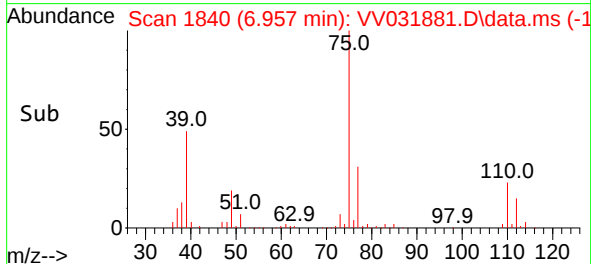
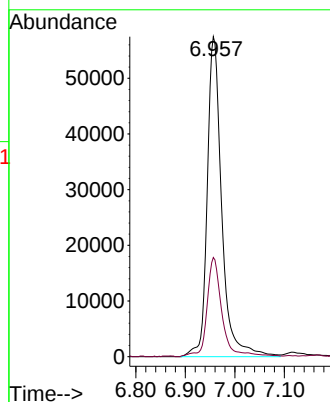
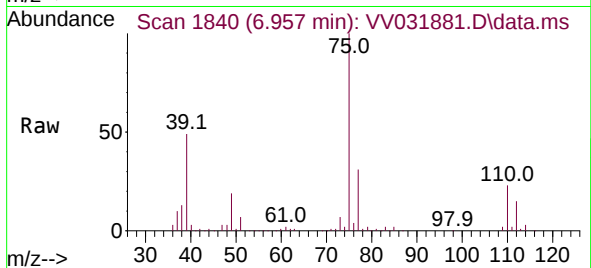
ClientSampleId :

Tgt Ion: 75 Resp: 116697

Ion Ratio Lower Upper

75 100

77 31.0 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 107.246 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

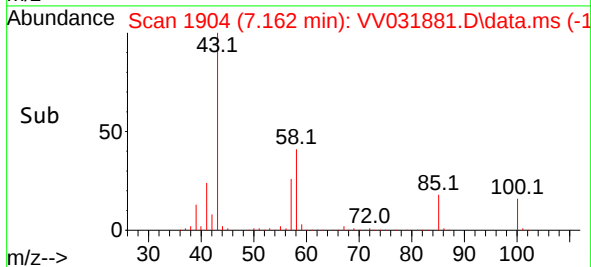
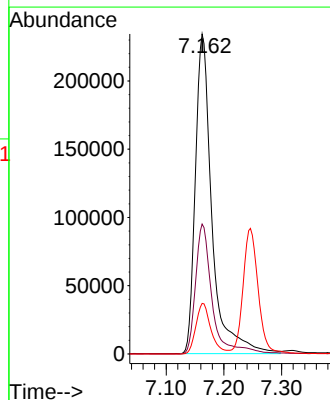
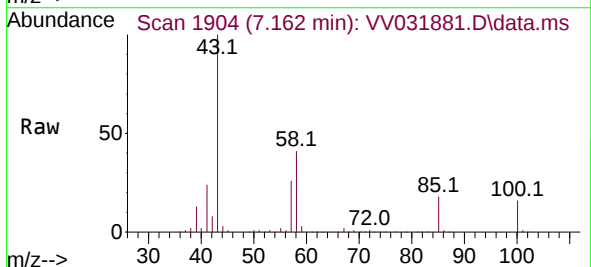
Tgt Ion: 43 Resp: 467482

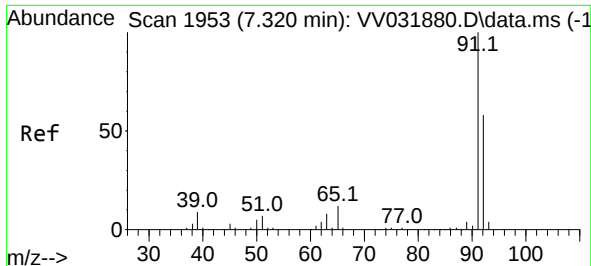
Ion Ratio Lower Upper

43 100

58 41.0 29.0 43.6

100 14.3 10.7 16.1





#42

Toluene

Concen: 10.161 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

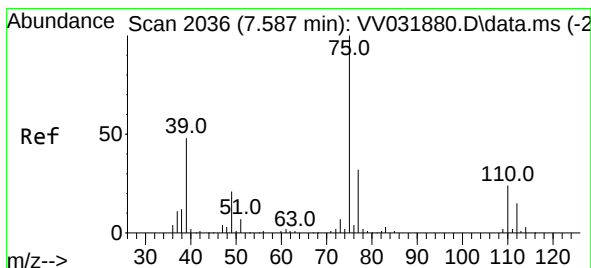
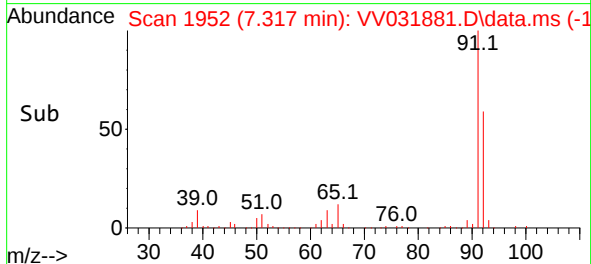
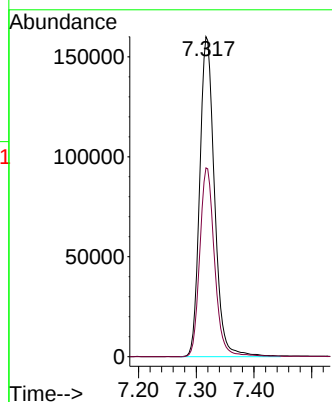
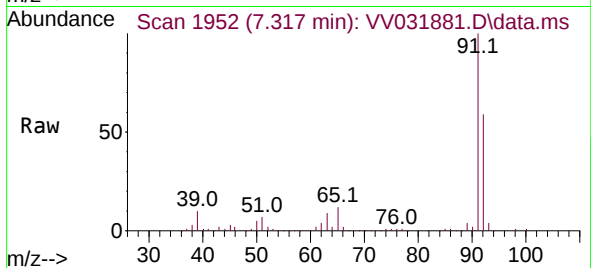
ClientSampleId :

Tgt Ion: 91 Resp: 284938

Ion Ratio Lower Upper

91 100

92 59.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 10.792 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV031881.D

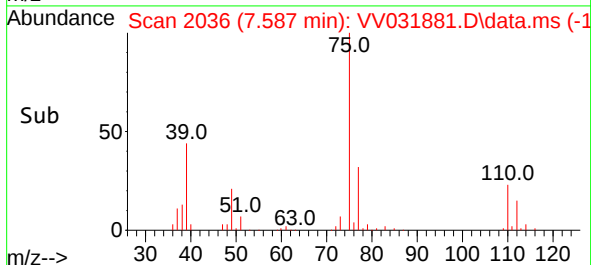
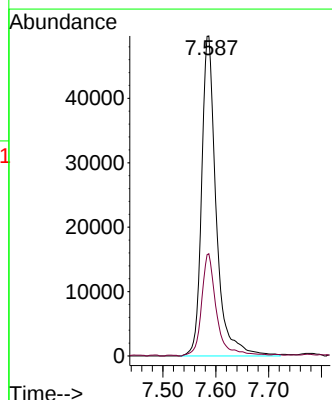
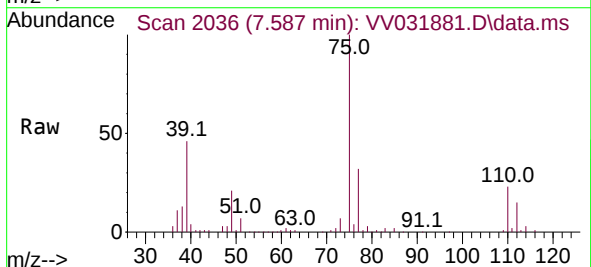
Acq: 23 Aug 2023 20:51

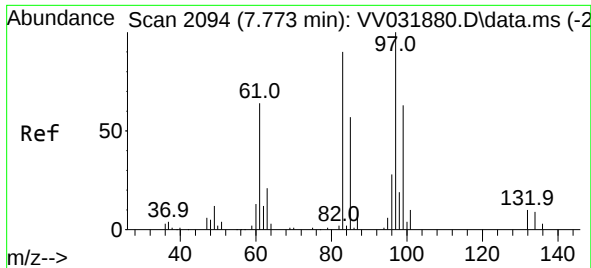
Tgt Ion: 75 Resp: 95330

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

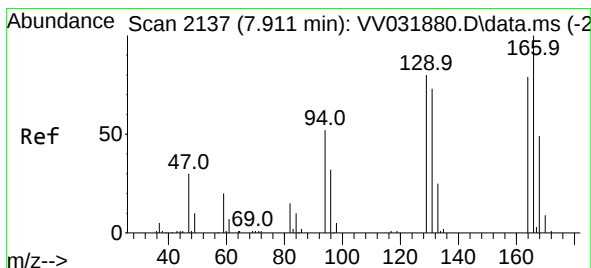
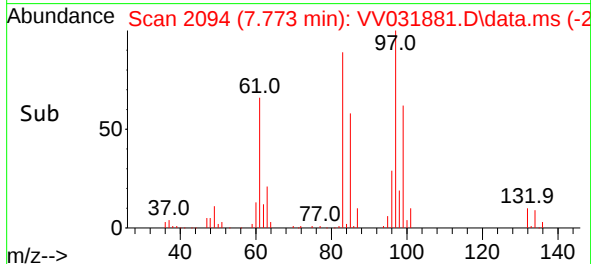
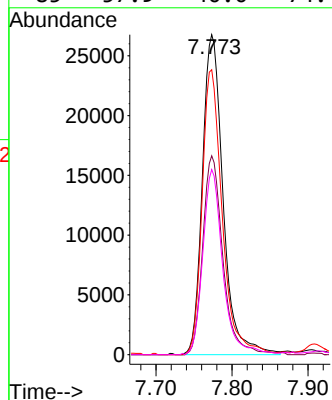
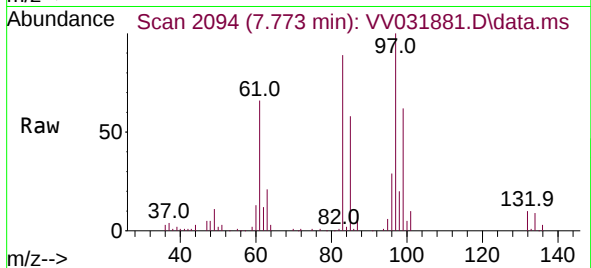




#45
1,1,2-Trichloroethane
Concen: 10.192 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

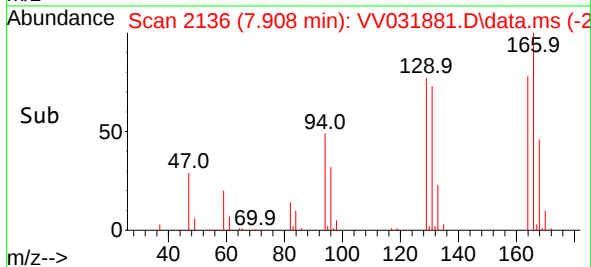
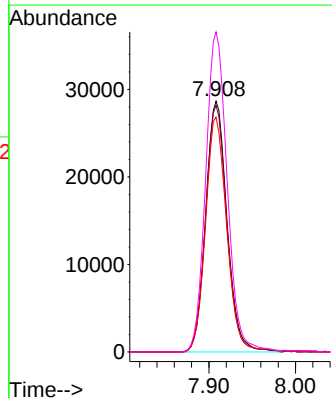
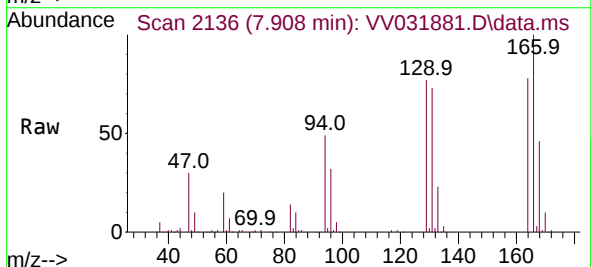
Instrument :
MSVOA_V
ClientSampleId :

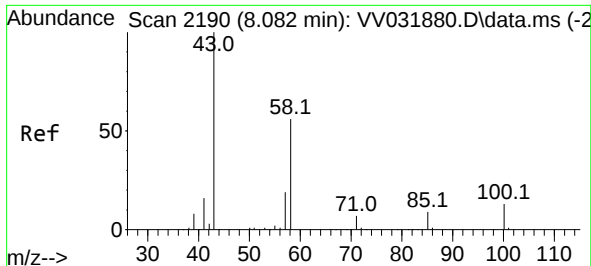
Tgt Ion:	97	Resp:	50733
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.3	82.3
83	89.0	62.7	116.5
85	57.9	40.0	74.4



#47
Tetrachloroethene
Concen: 10.418 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion:	164	Resp:	49098
Ion	Ratio	Lower	Upper
164	100		
129	98.3	70.6	131.2
131	93.6	64.6	120.0
166	127.6	88.3	164.1



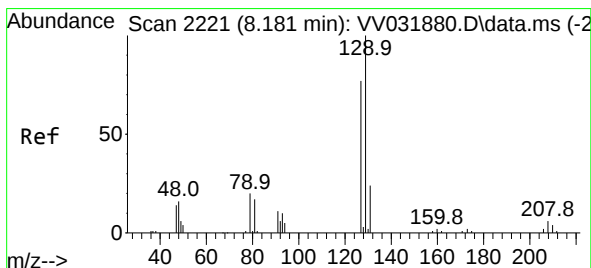
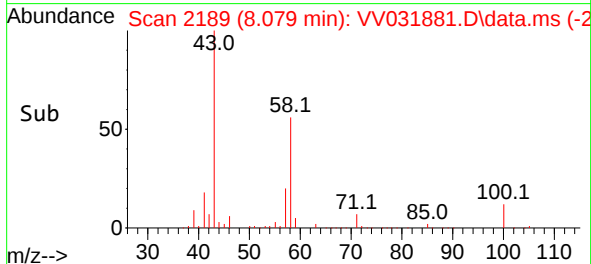
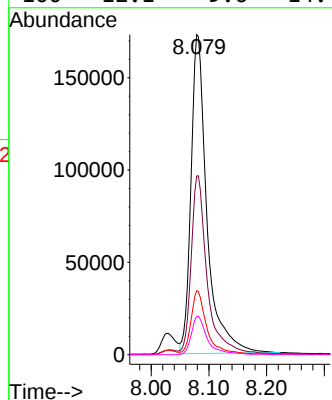
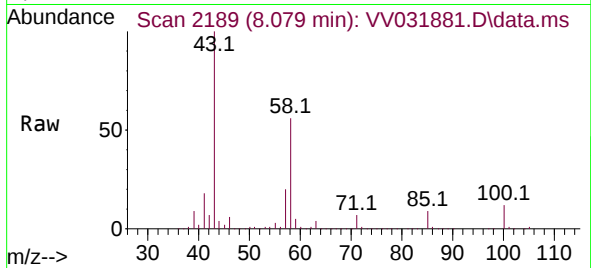


#48
2-Hexanone
Concen: 103.052 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 333955

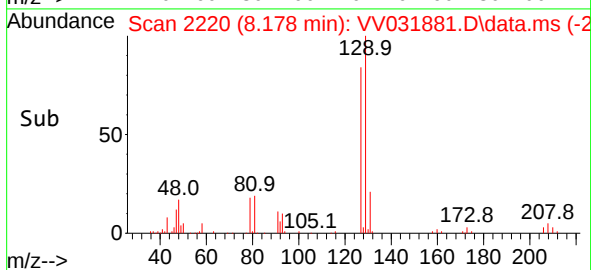
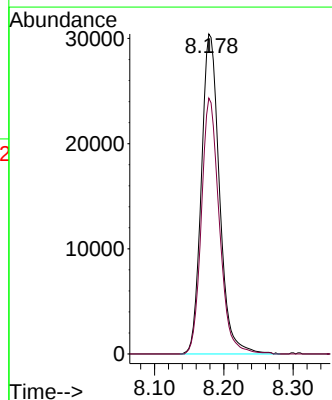
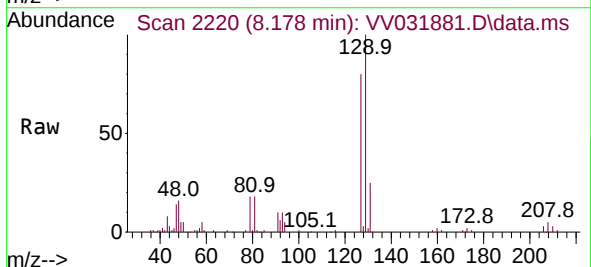
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.3	66.5
57	19.2	14.3	21.5
100	12.1	9.6	14.4

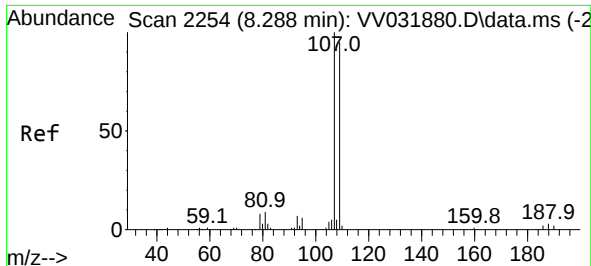


#49
Dibromochloromethane
Concen: 10.653 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion: 129 Resp: 55259

Ion	Ratio	Lower	Upper
129	100		
127	79.9	53.7	99.7





#50

1,2-Dibromoethane

Concen: 10.485 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031881.D

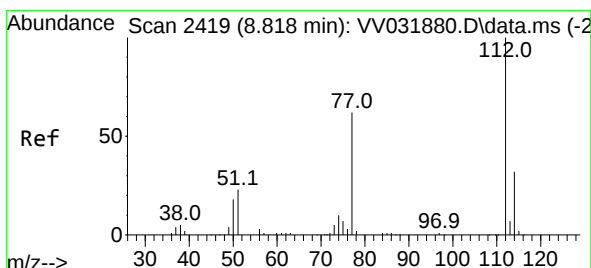
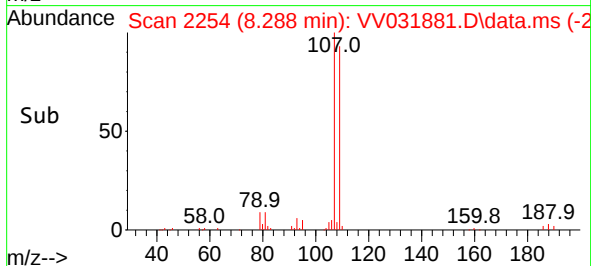
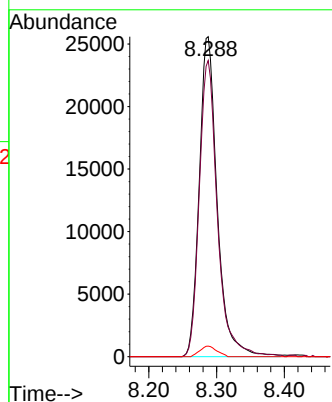
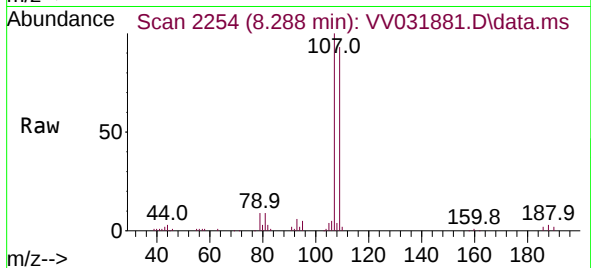
Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	47200
Ion Ratio	Lower	Upper
107	100	
109	92.5	66.3 123.1
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 10.189 ug/L

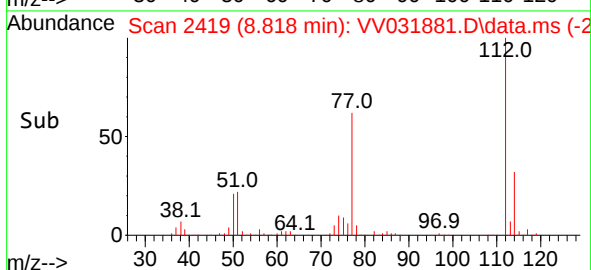
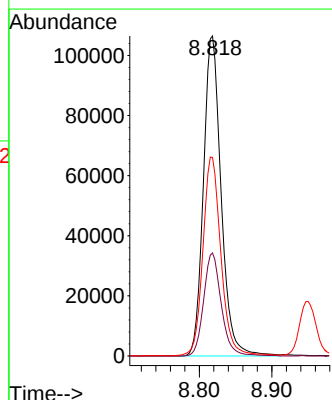
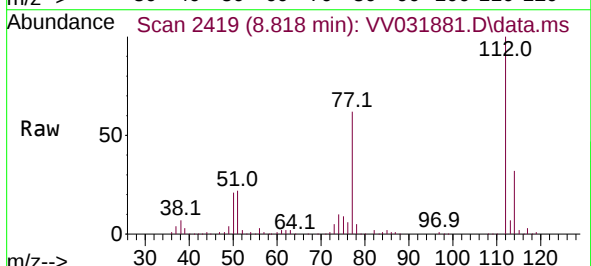
RT: 8.818 min Scan# 2419

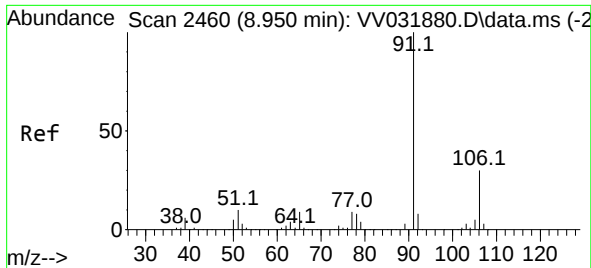
Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Tgt Ion:112	Resp:	180918
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.3 41.3
77	62.1	50.6 75.8

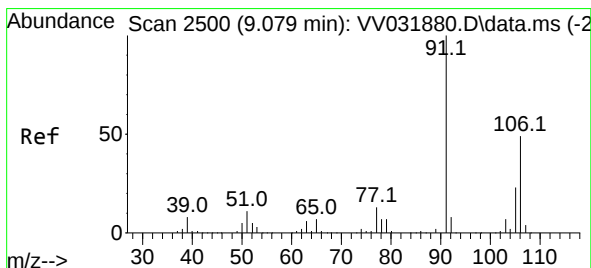
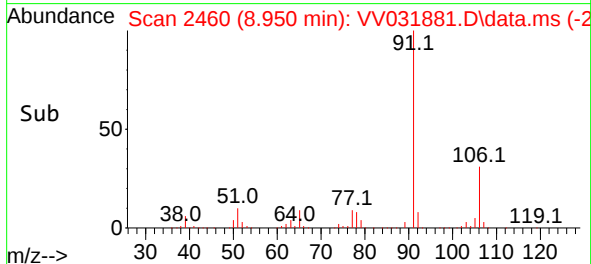
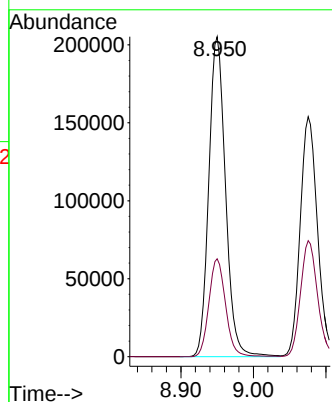
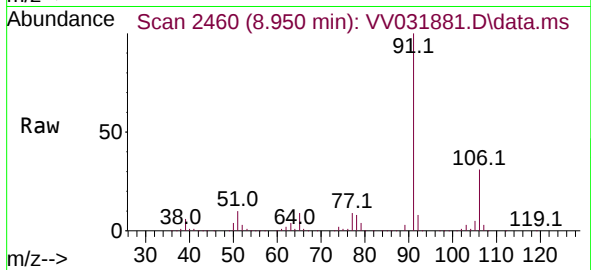




#52
Ethylbenzene
Concen: 10.214 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

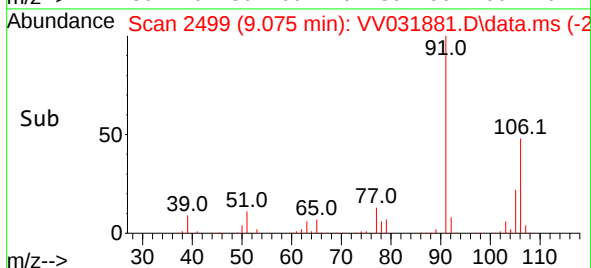
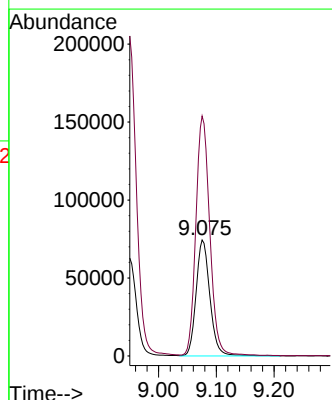
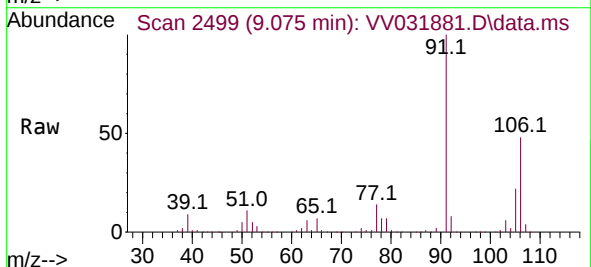
Instrument :
MSVOA_V
ClientSampleId :

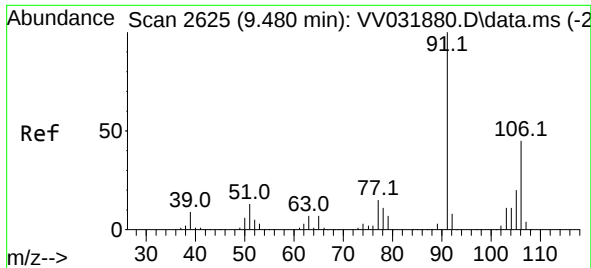
Tgt Ion: 91 Resp: 329303
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 10.173 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion: 106 Resp: 123533
Ion Ratio Lower Upper
106 100
91 207.0 142.7 265.1

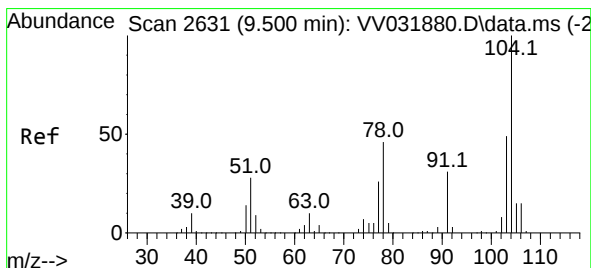
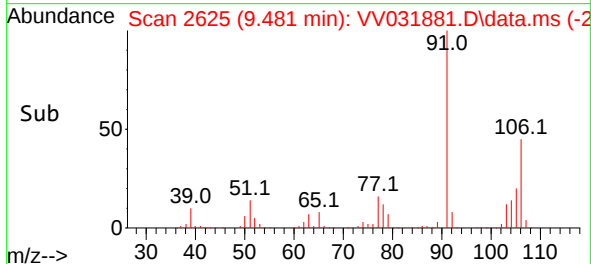
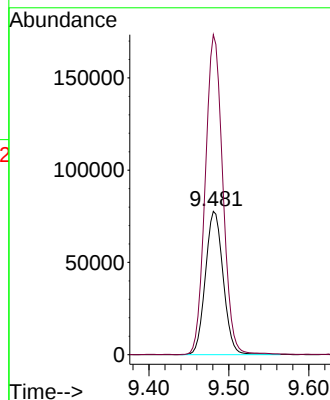
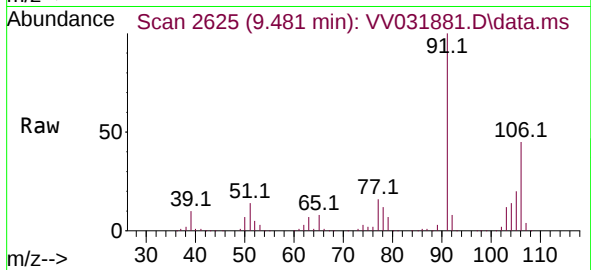




#54
o-Xylene
Concen: 10.249 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

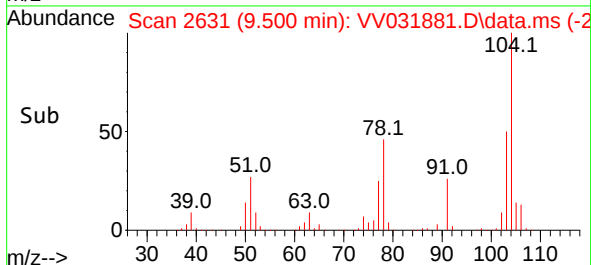
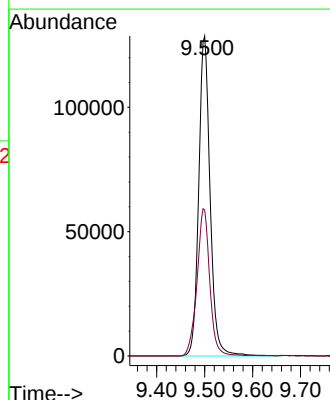
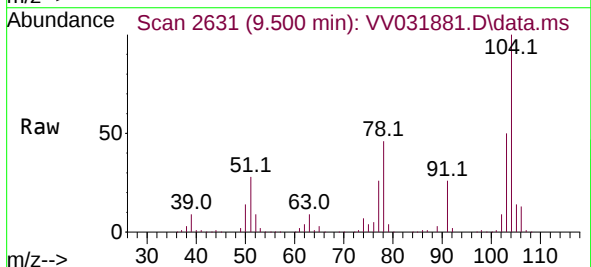
Instrument :
MSVOA_V
ClientSampleId :

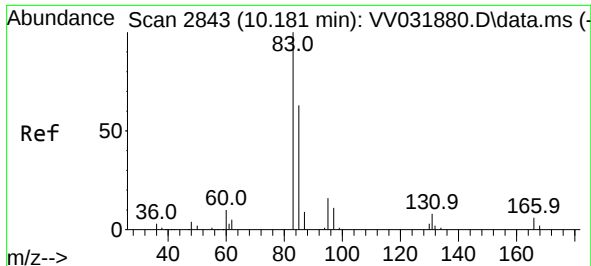
Tgt Ion:106 Resp: 120264
Ion Ratio Lower Upper
106 100
91 223.1 154.7 287.3



#55
Styrene
Concen: 10.479 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion:104 Resp: 212123
Ion Ratio Lower Upper
104 100
78 45.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 10.200 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

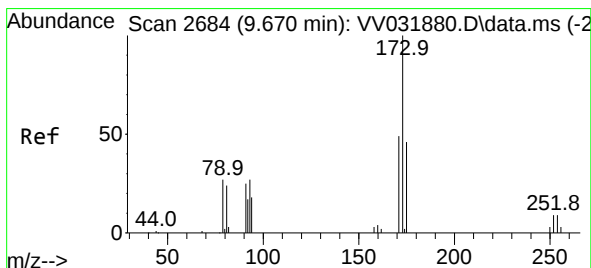
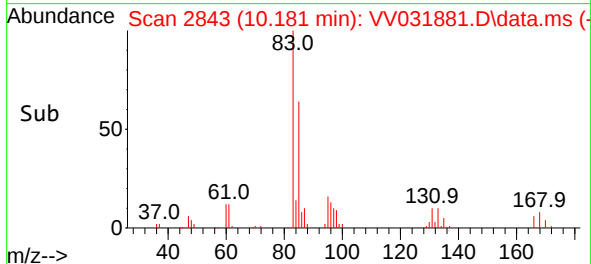
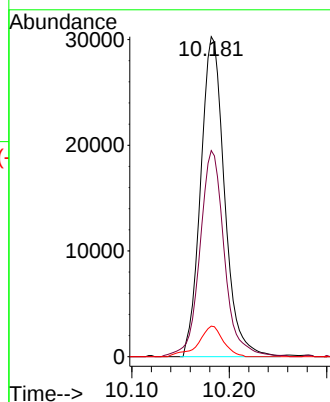
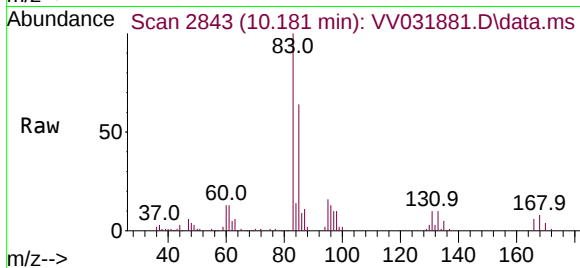
Tgt Ion: 83 Resp: 51407

Ion Ratio Lower Upper

83 100

85 64.4 46.6 86.6

131 9.6 7.4 11.2



#59

Bromoform

Concen: 10.587 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

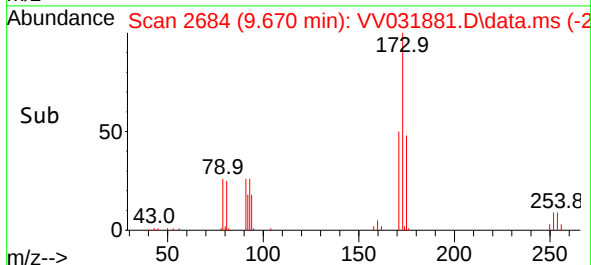
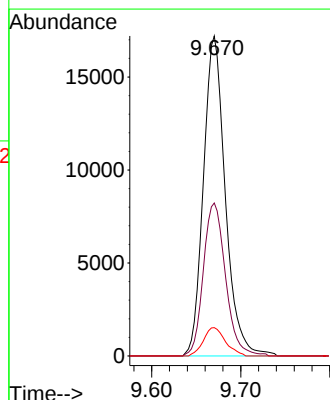
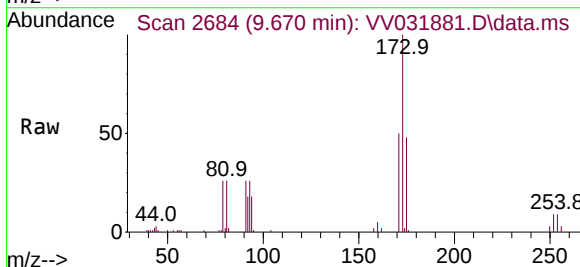
Tgt Ion: 173 Resp: 29376

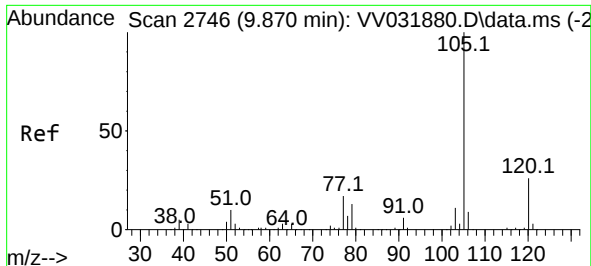
Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

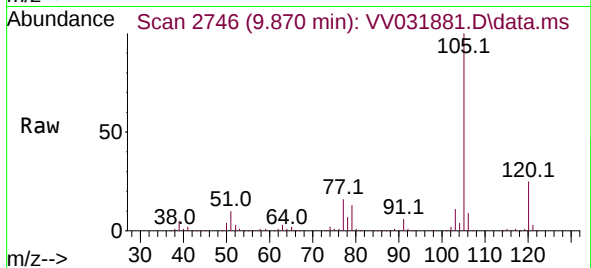
254 8.9 6.8 10.2



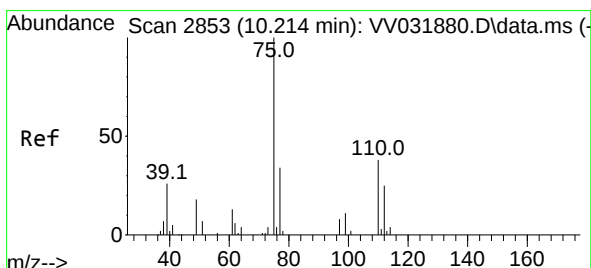
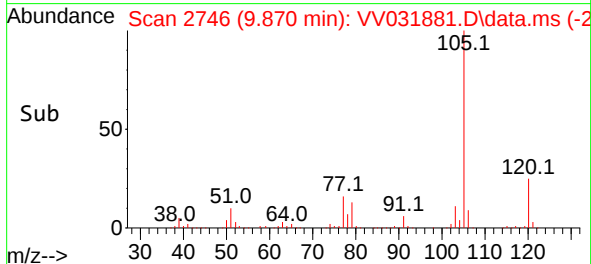
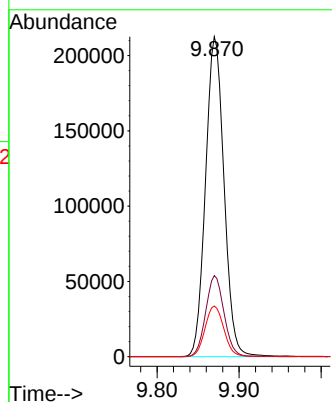


#60
Isopropylbenzene
Concen: 10.186 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :

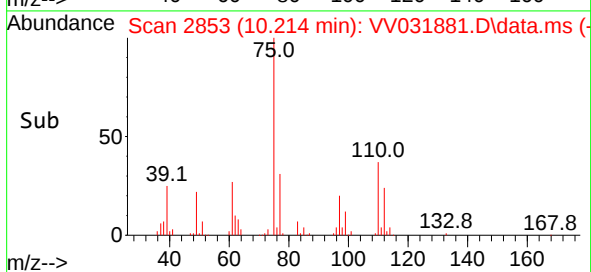
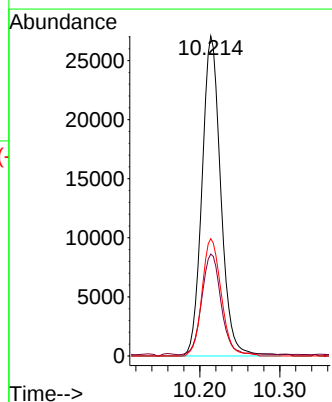
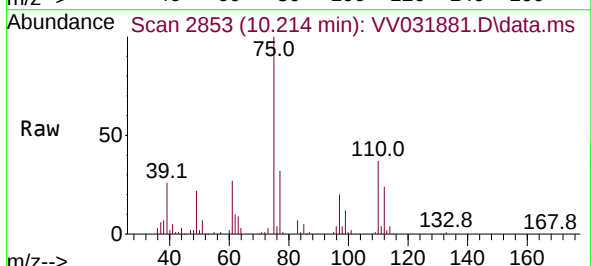


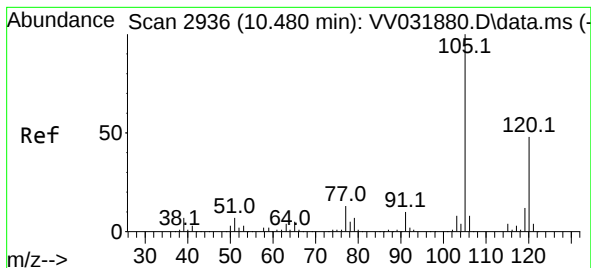
Tgt Ion:105 Resp: 332533
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 10.235 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion: 75 Resp: 44272
Ion Ratio Lower Upper
75 100
77 32.4 28.8 43.2
110 37.5 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 10.134 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

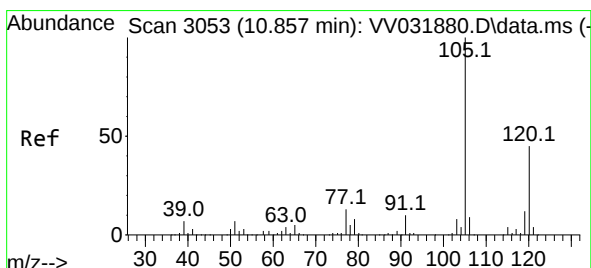
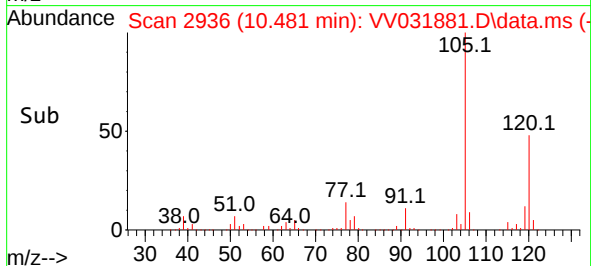
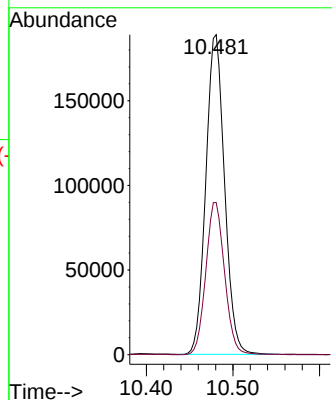
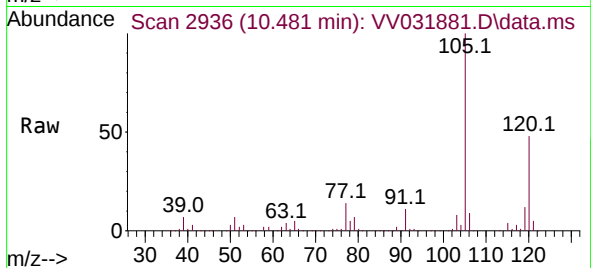
ClientSampleId :

Tgt Ion:105 Resp: 283571

Ion Ratio Lower Upper

105 100

120 47.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 10.245 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV031881.D

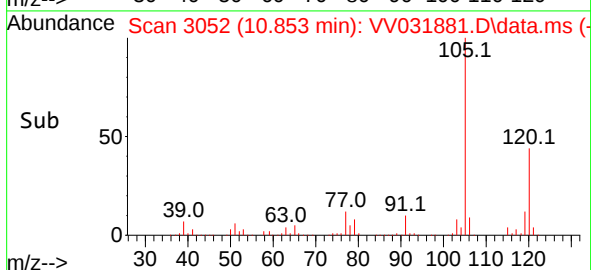
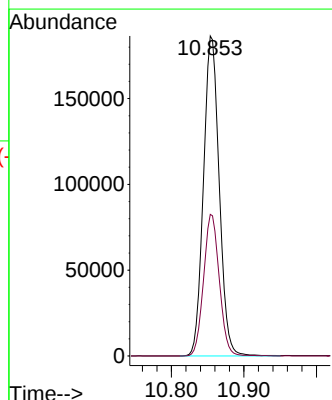
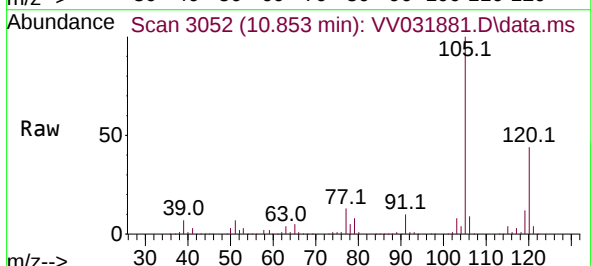
Acq: 23 Aug 2023 20:51

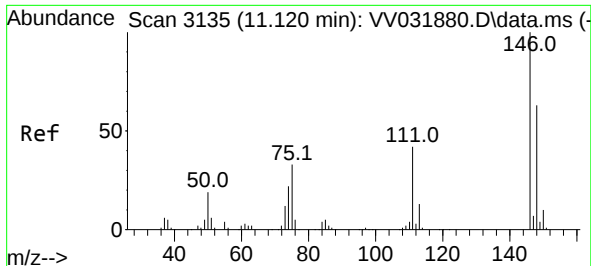
Tgt Ion:105 Resp: 281683

Ion Ratio Lower Upper

105 100

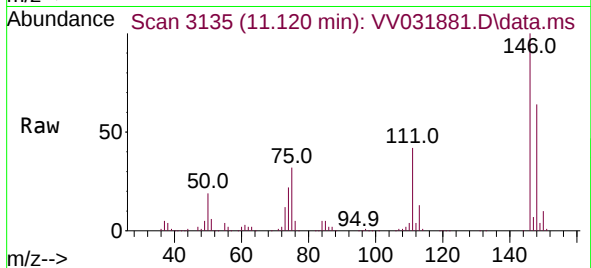
120 44.0 35.8 53.8



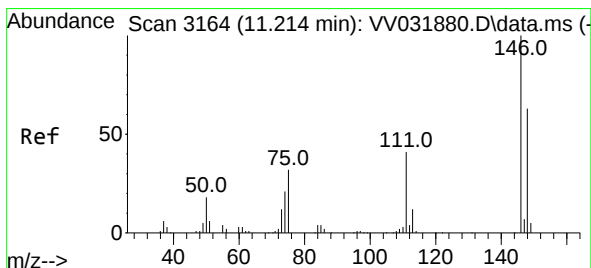
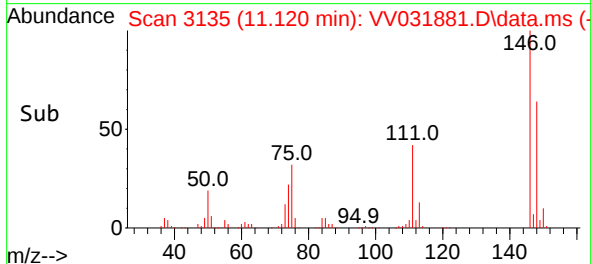
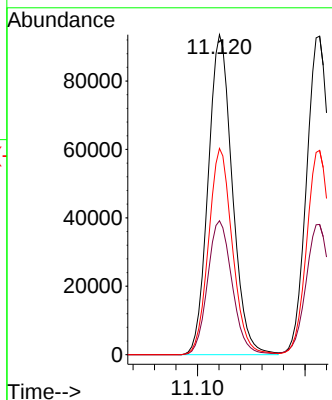


#64
1,3-Dichlorobenzene
Concen: 10.098 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :

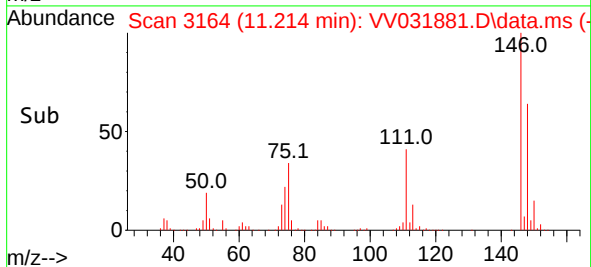
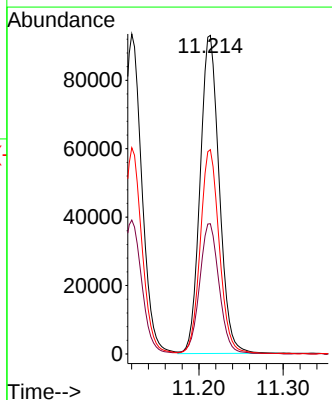
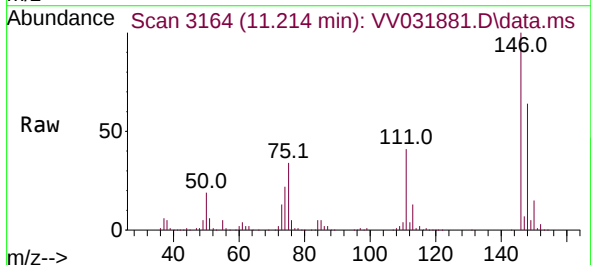


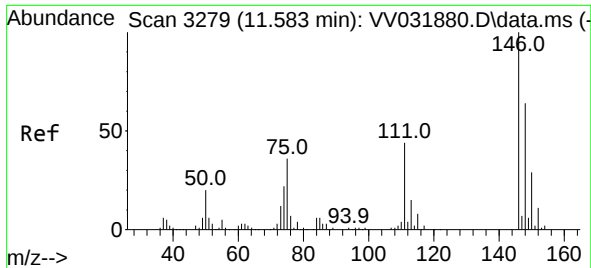
Tgt Ion:146 Resp: 145987
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.7
148 64.4 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 9.897 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion:146 Resp: 146989
Ion Ratio Lower Upper
146 100
111 40.9 29.2 54.2
148 64.1 44.0 81.6

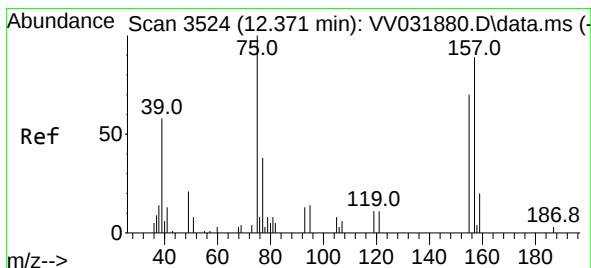
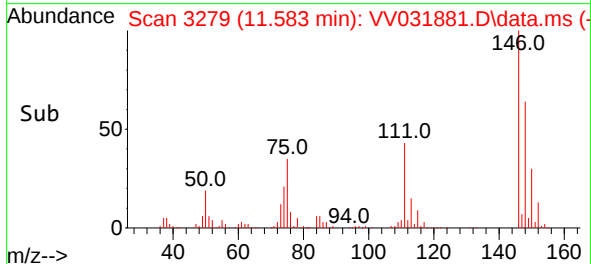
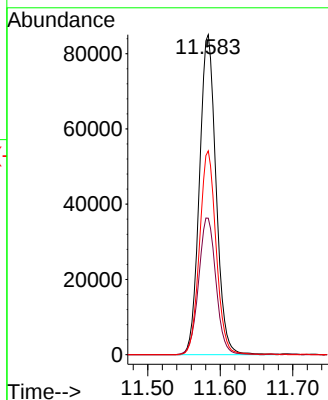
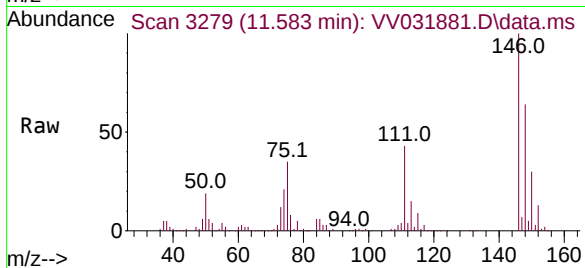




#67
1,2-Dichlorobenzene
Concen: 10.231 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

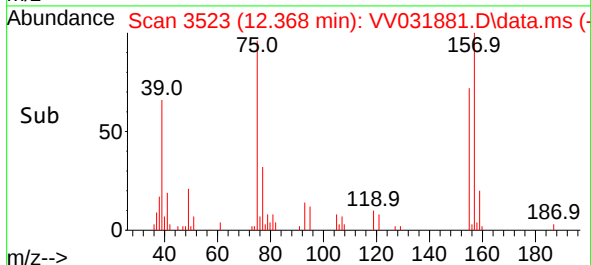
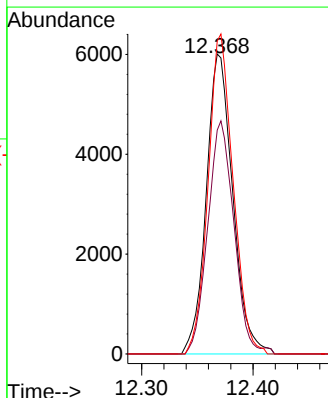
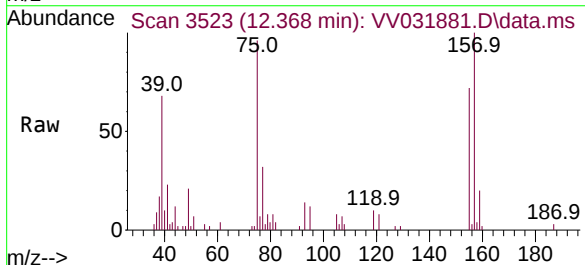
Instrument :
MSVOA_V
ClientSampleId :

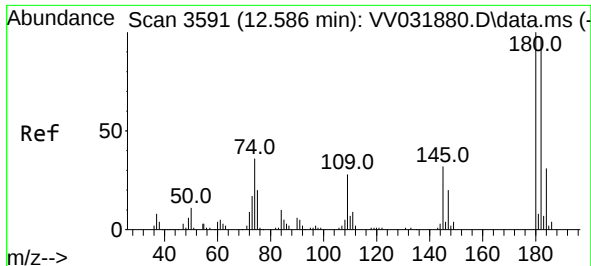
Tgt Ion:146 Resp: 135369
Ion Ratio Lower Upper
146 100
111 42.6 34.8 52.2
148 63.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 10.166 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

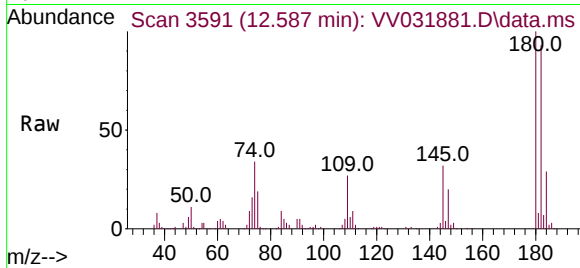
Tgt Ion: 75 Resp: 9960
Ion Ratio Lower Upper
75 100
155 74.6 56.1 84.1
157 104.3 71.1 106.7



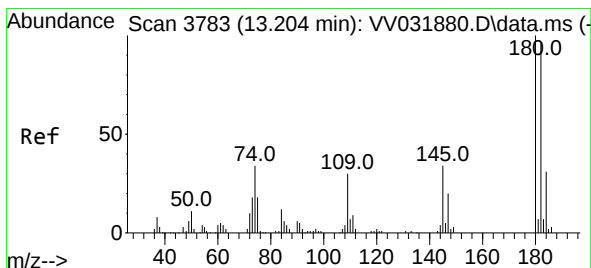
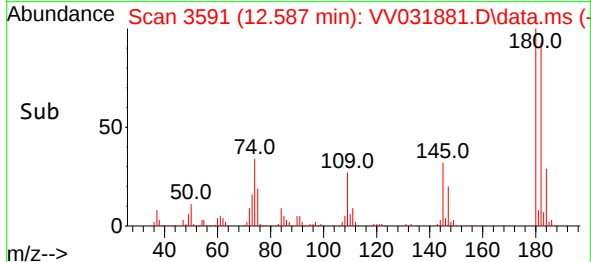
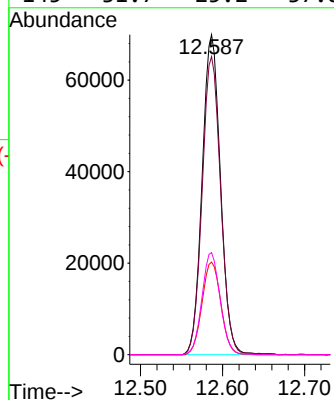


#69
1,3,5-Trichlorobenzene
Concen: 10.080 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Instrument :
MSVOA_V
ClientSampleId :

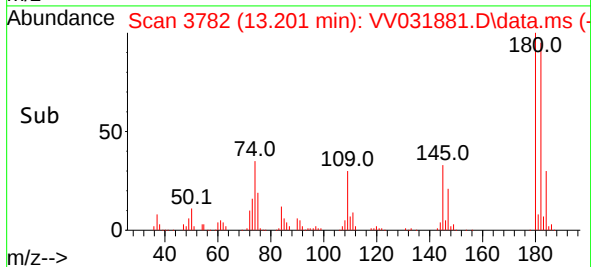
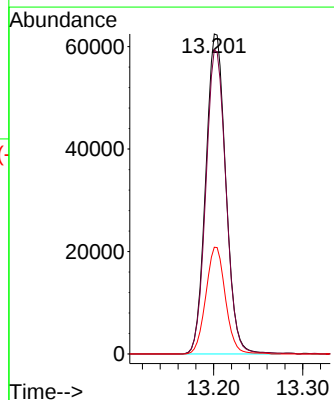
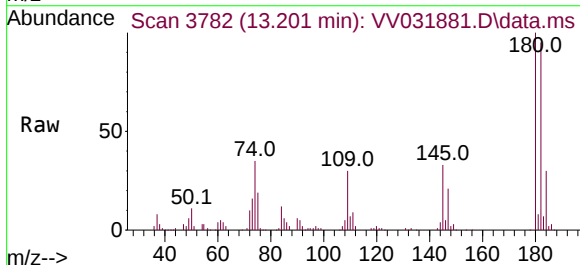


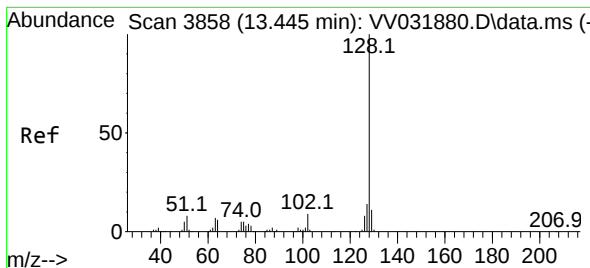
Tgt Ion:180 Resp: 108335
Ion Ratio Lower Upper
180 100
182 94.0 76.0 114.0
184 29.8 23.9 35.9
145 31.7 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 9.941 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. -0.003 min
Lab File: VV031881.D
Acq: 23 Aug 2023 20:51

Tgt Ion:180 Resp: 97390
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 32.6 26.6 39.8





#71

Naphthalene

Concen: 9.892 ug/L

RT: 13.442 min Scan# 3858

Delta R.T. -0.003 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Instrument :

MSVOA_V

ClientSampleId :

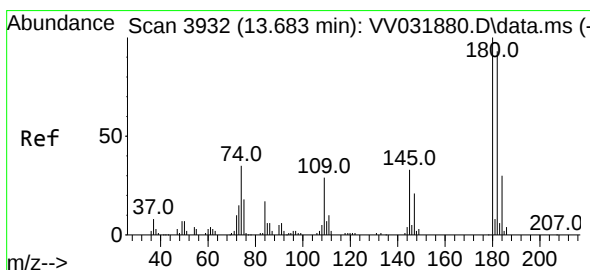
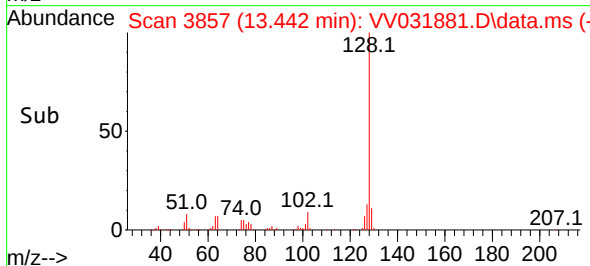
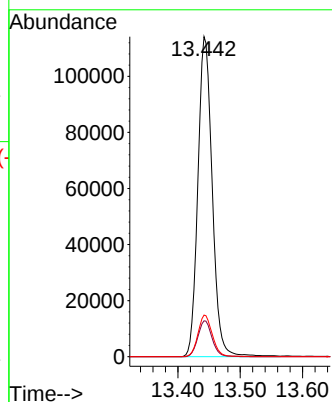
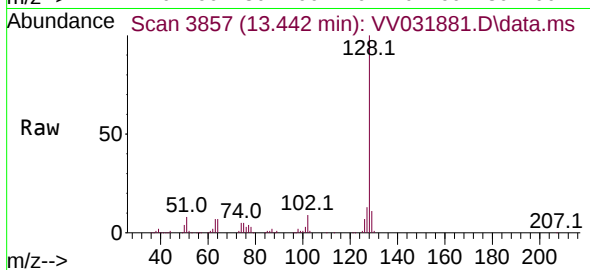
Tgt Ion:128 Resp: 182563

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 10.037 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031881.D

Acq: 23 Aug 2023 20:51

Tgt Ion:180 Resp: 82797

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 34.4 27.3 40.9

