

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082323\
 Data File : VV031876.D
 Acq On : 23 Aug 2023 17:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 01:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	269954	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	261374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139478	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73362	43.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.840%
7) Chloroethane-d5	1.532	69	67316	45.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.900%
11) 1,1-Dichloroethene-d2	2.063	65	34517	43.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
21) 2-Butanone-d5	3.793	46	133013	100.103	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.100%
24) Chloroform-d	4.256	84	174734	47.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	4.947	65	113314	46.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
32) Benzene-d6	4.963	84	340438	47.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
36) 1,2-Dichloropropane-d6	5.992	67	111461	48.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	7.246	98	309518	47.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.555	79	59062	49.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
47) 2-Hexanone-d5	8.030	63	72272	102.719	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	143371	48.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	11.564	152	121011	47.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75674	46.047	ug/L	98
3) Chloromethane	1.217	50	79641	47.524	ug/L	99
5) Vinyl chloride	1.285	62	87546	48.918	ug/L	98
6) Bromomethane	1.487	94	52940	50.240	ug/L	99
8) Chloroethane	1.548	64	58413	49.112	ug/L	99
9) Trichlorofluoromethane	1.716	101	124579	47.753	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	76882	48.809	ug/L	100
12) 1,1-Dichloroethene	2.072	96	68487	48.406	ug/L	87
13) Acetone	2.121	43	87277	73.796	ug/L	96
14) Carbon disulfide	2.243	76	158847	49.273	ug/L	99
15) Methyl Acetate	2.378	43	104263	49.431	ug/L	98
16) Methylene chloride	2.449	84	87608	48.186	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	75000	48.352	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	317733	48.468	ug/L	99
19) 1,1-Dichloroethane	3.114	63	168283	48.411	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	96886	49.786	ug/L	94
22) 2-Butanone	3.876	43	141437	90.378	ug/L	99
23) Bromochloromethane	4.153	128	45740	48.446	ug/L	97
25) Chloroform	4.281	83	172770	47.803	ug/L	99

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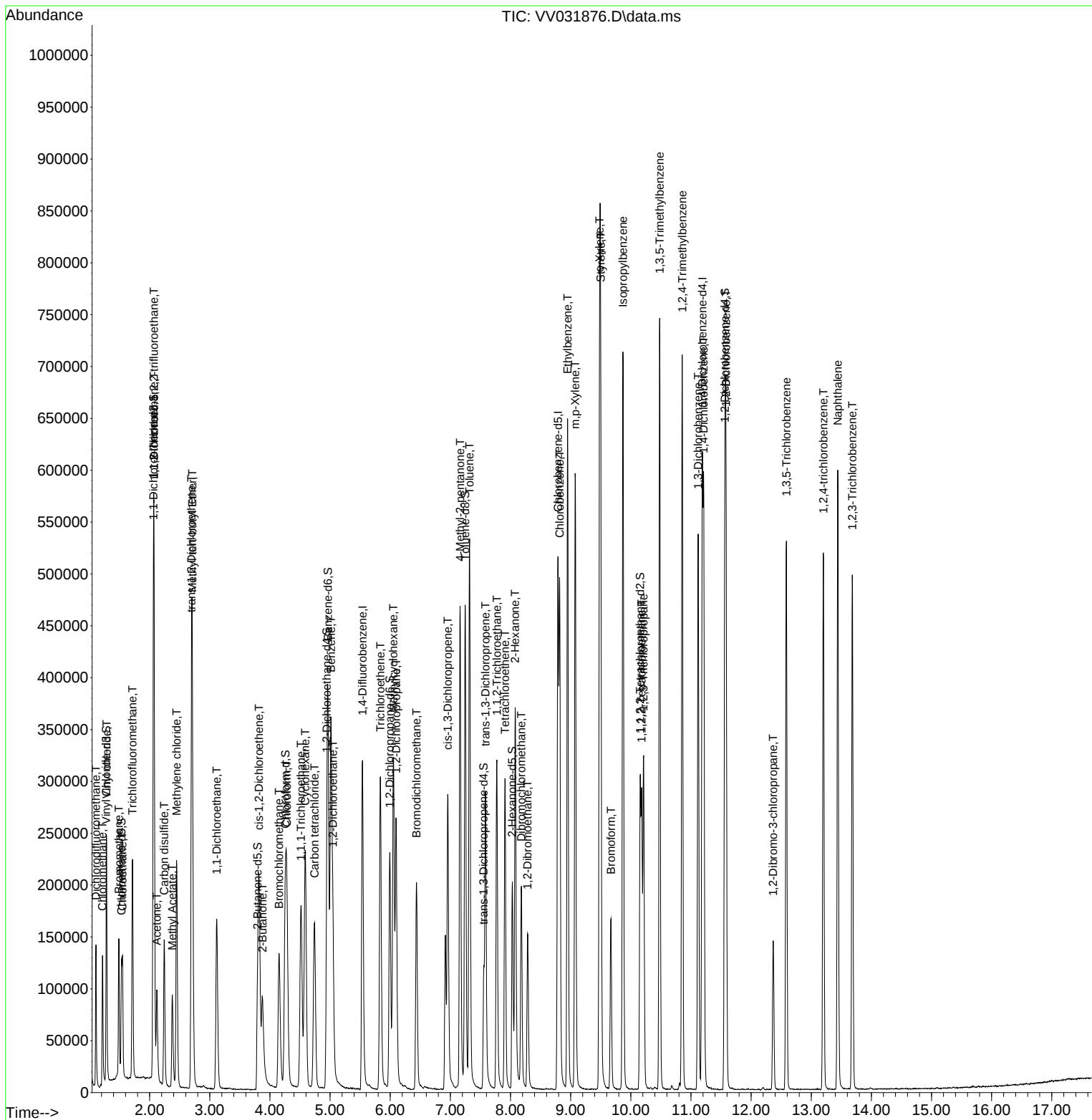
Instrument :
 MSVOA_V
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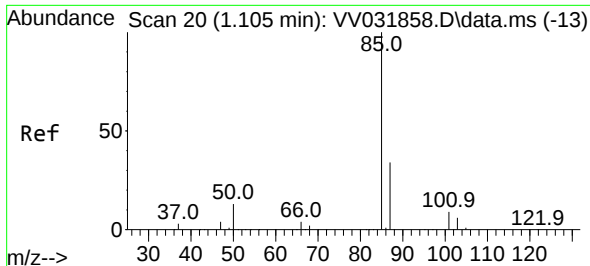
Quant Time: Aug 24 01:59:08 2023
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	135828	47.703	ug/L	97
29) Cyclohexane	4.587	56	137708	50.602	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	148424	48.684	ug/L	98
31) Carbon tetrachloride	4.741	117	122720	47.404	ug/L	97
33) Benzene	5.014	78	350434	49.899	ug/L	100
34) Trichloroethene	5.838	95	105485	49.112	ug/L	97
35) Methylcyclohexane	6.053	83	138698	48.550	ug/L	99
37) 1,2-Dichloropropane	6.098	63	100101	50.286	ug/L	100
38) Bromodichloromethane	6.436	83	134169	47.485	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	174645	50.463	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	311899	98.718	ug/L	98
42) Toluene	7.320	91	384551	49.778	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	162126	48.756	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	98725	49.090	ug/L	99
46) Tetrachloroethene	7.908	164	65510	48.575	ug/L	99
48) 2-Hexanone	8.079	43	236688	98.096	ug/L	99
49) Dibromochloromethane	8.182	129	100060	48.418	ug/L	100
50) 1,2-Dibromoethane	8.284	107	103158	48.974	ug/L	99
51) Chlorobenzene	8.818	112	249826	48.668	ug/L	99
52) Ethylbenzene	8.950	91	448461	49.007	ug/L	100
53) m,p-Xylene	9.075	106	163909	48.240	ug/L	99
54) o-Xylene	9.481	106	165020	48.832	ug/L	100
55) Styrene	9.500	104	292815	49.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	137258	48.213	ug/L	98
59) Bromoform	9.670	173	70894	49.015	ug/L	99
60) Isopropylbenzene	9.870	105	457869	49.012	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	127920	48.544	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	380312	48.389	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	381376	48.236	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	202897	48.462	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	206076	48.406	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	202555	48.824	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	37400	47.251	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	147731	48.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	144115	49.191	ug/L	100
71) Naphthalene	13.442	128	440818	47.095	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	135831	48.384	ug/L	99

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

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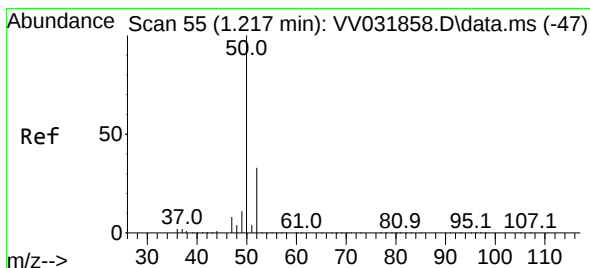
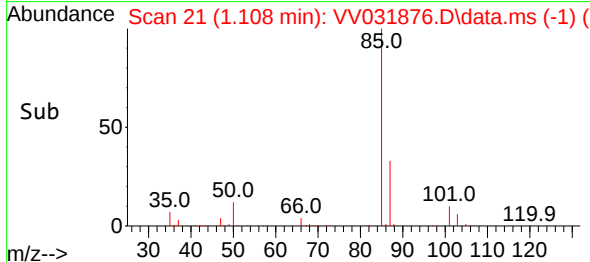
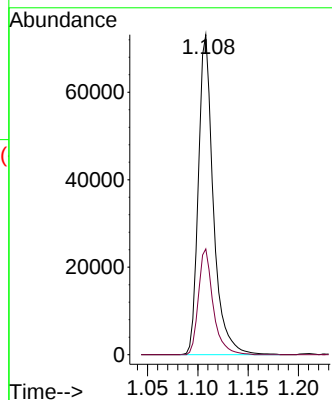
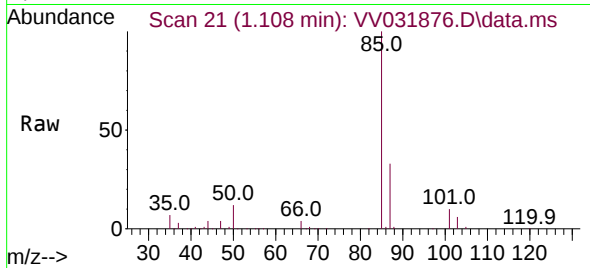




#2
 Dichlorodifluoromethane
 Concen: 46.047 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV031876.D
 Acq: 23 Aug 2023 17:30

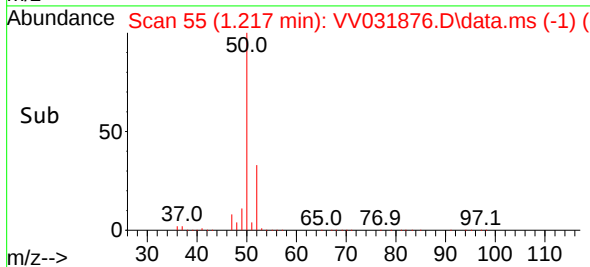
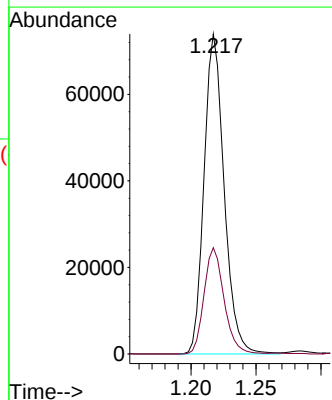
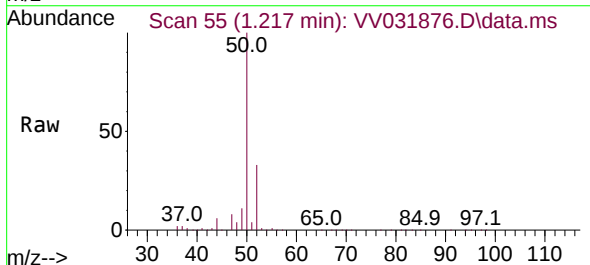
Instrument :
 MSVOA_V
 ClientSampleId :

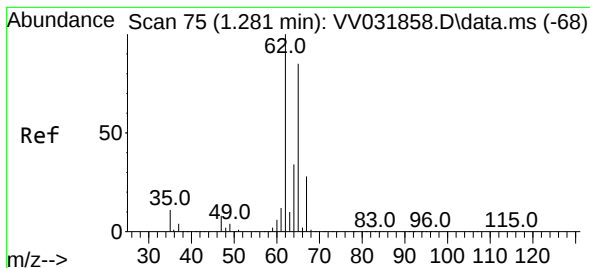
Tgt Ion: 85 Resp: 75674
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.8 40.2



#3
 Chloromethane
 Concen: 47.524 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031876.D
 Acq: 23 Aug 2023 17:30

Tgt Ion: 50 Resp: 79641
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6





#5

Vinyl chloride

Concen: 48.918 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

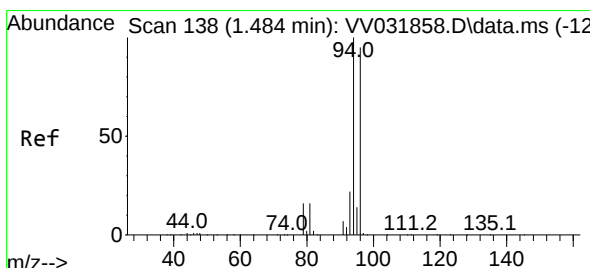
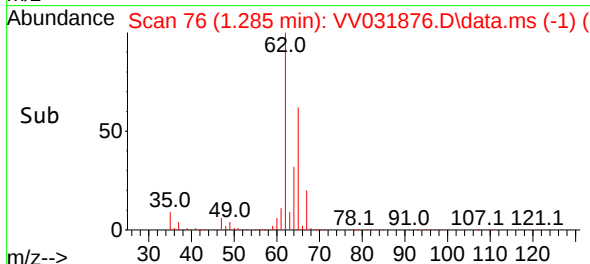
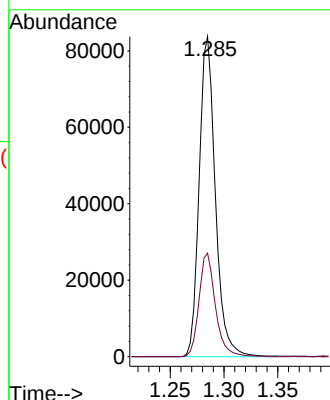
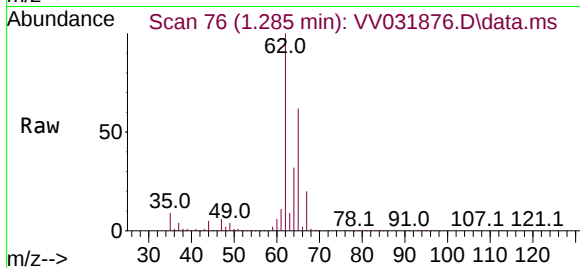
ClientSampleId :

Tgt Ion: 62 Resp: 87546

Ion Ratio Lower Upper

62 100

64 32.4 23.6 43.8



#6

Bromomethane

Concen: 50.240 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV031876.D

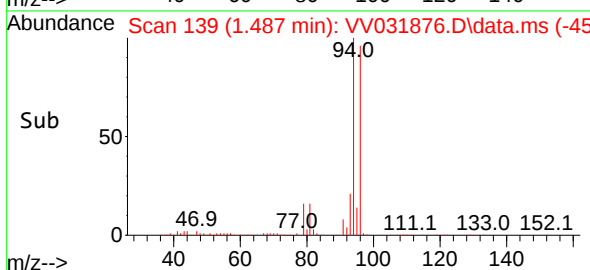
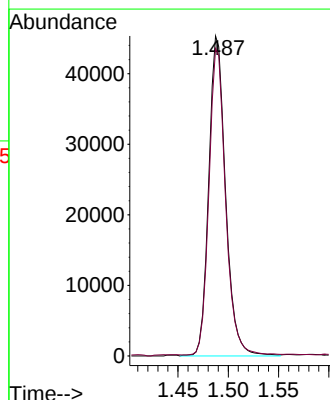
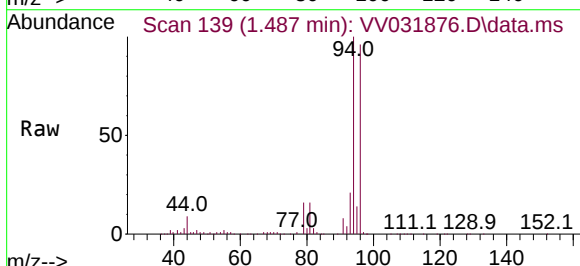
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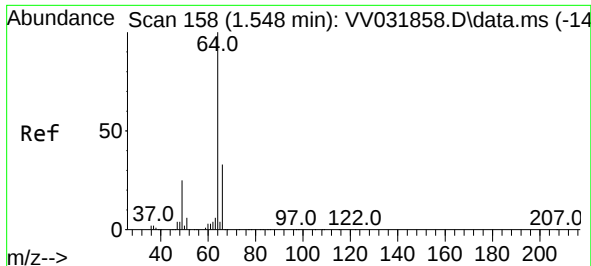
Tgt Ion: 94 Resp: 52940

Ion Ratio Lower Upper

94 100

96 96.1 66.4 123.4

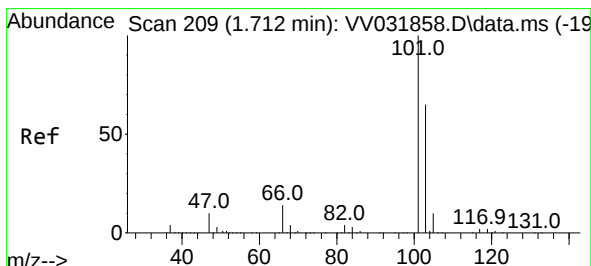
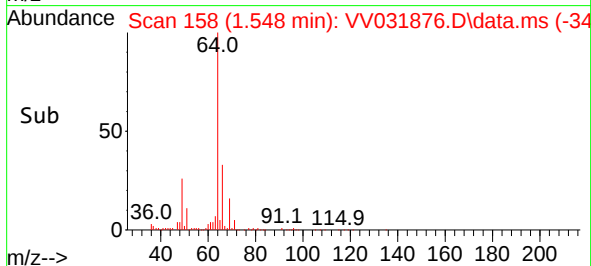
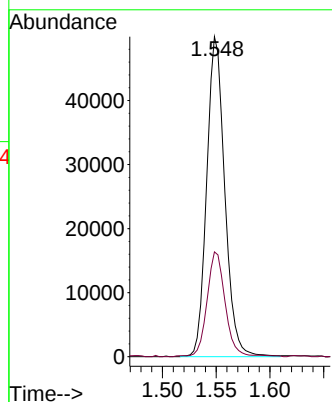
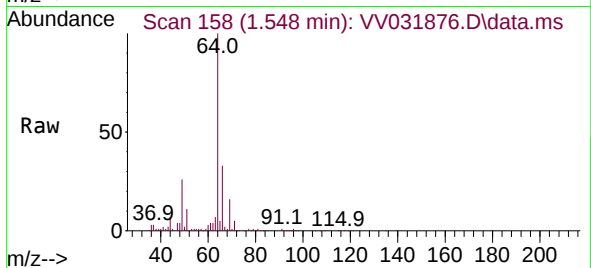




#8
Chloroethane
Concen: 49.112 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

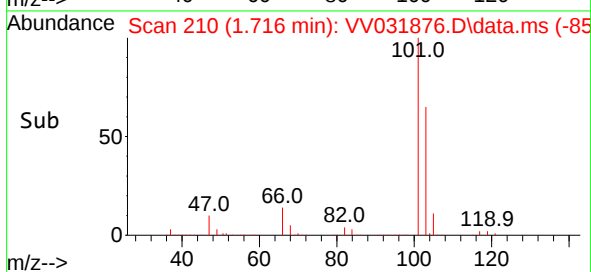
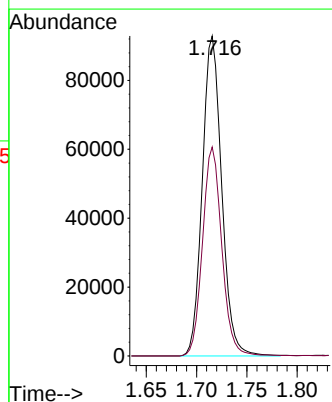
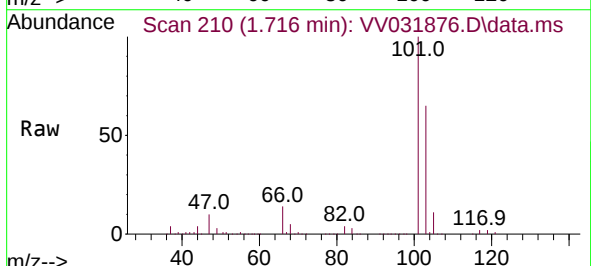
Instrument :
MSVOA_V
ClientSampleId :

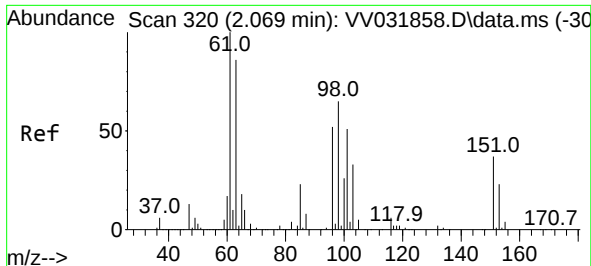
Tgt Ion: 64 Resp: 58413
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.753 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion: 101 Resp: 124579
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





#10

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

Concen: 48.809 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

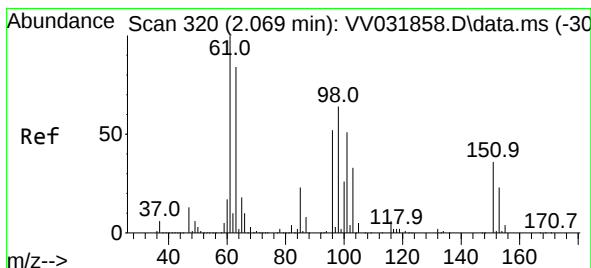
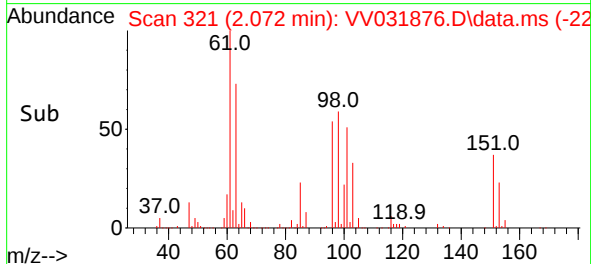
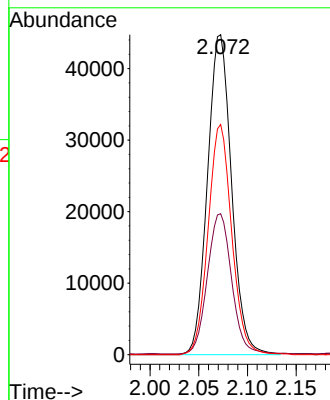
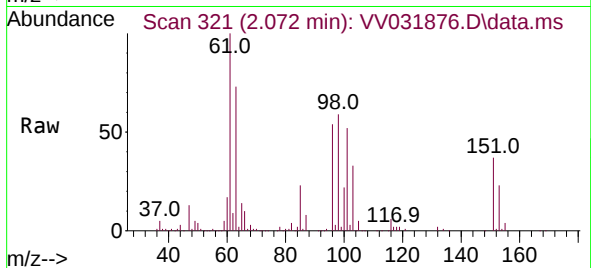
Tgt Ion:101 Resp: 76882

Ion Ratio Lower Upper

101 100

85 44.1 35.8 53.8

151 70.6 56.5 84.7



#12

1,1-Dichloroethene

Concen: 48.406 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

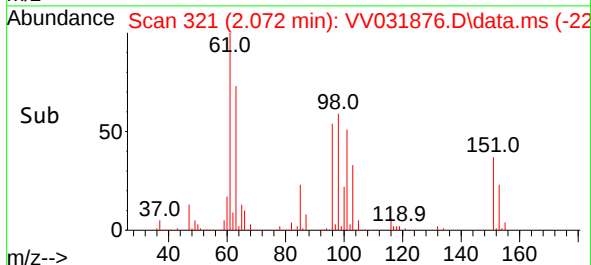
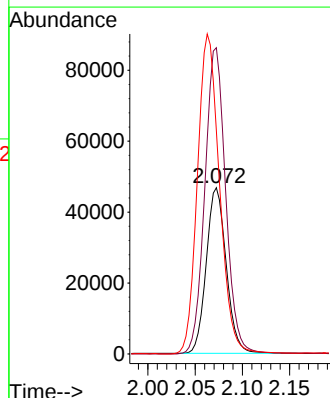
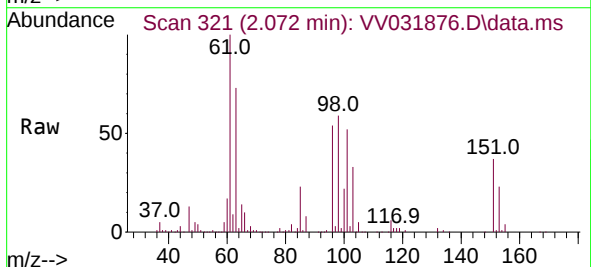
Tgt Ion: 96 Resp: 68487

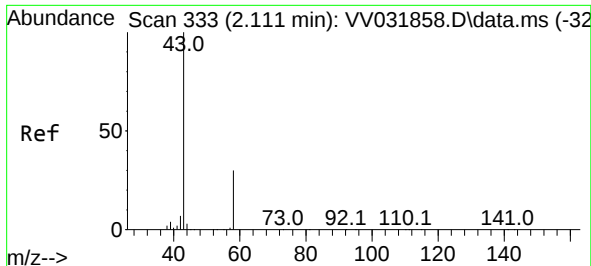
Ion Ratio Lower Upper

96 100

61 184.1 133.8 248.6

63 134.3 115.2 214.0





#13

Acetone

Concen: 73.796 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.010 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

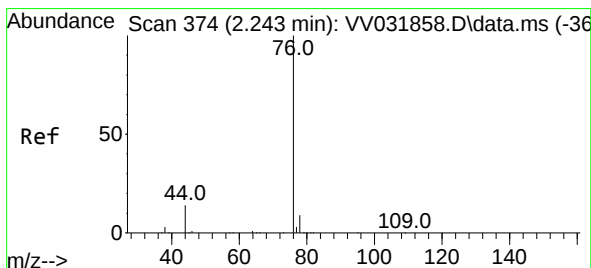
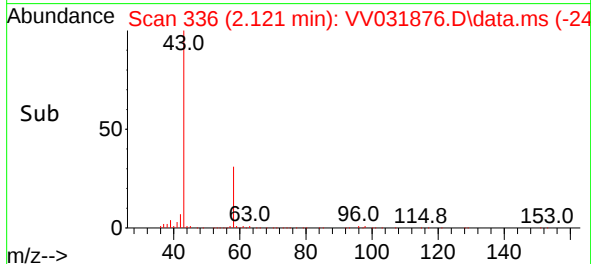
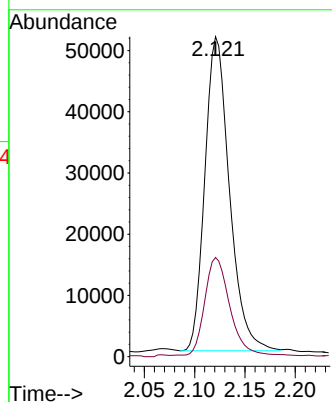
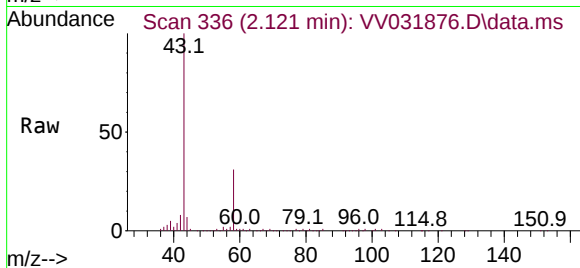
ClientSampleId :

Tgt Ion: 43 Resp: 87277

Ion Ratio Lower Upper

43 100

58 32.7 0.0 61.0



#14

Carbon disulfide

Concen: 49.273 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031876.D

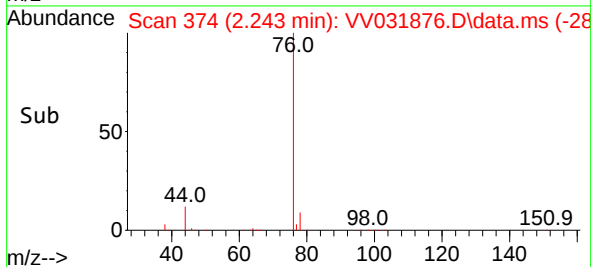
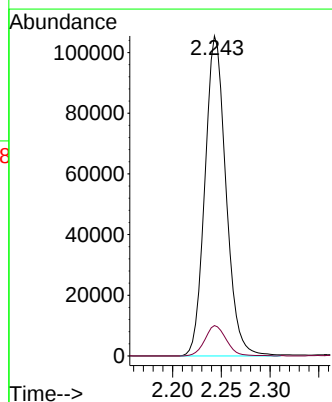
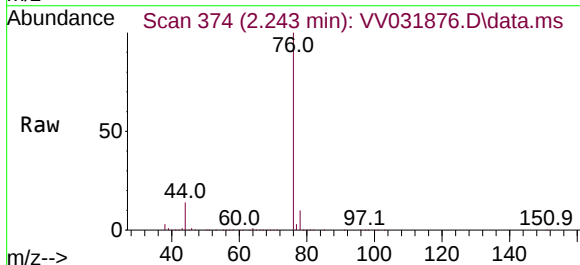
Acq: 23 Aug 2023 17:30

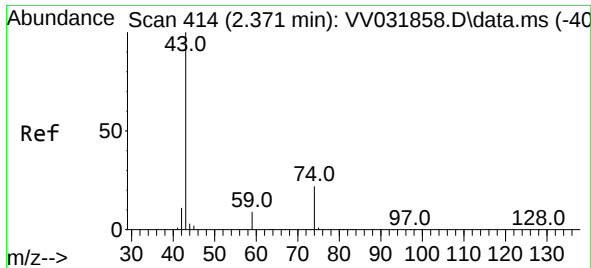
Tgt Ion: 76 Resp: 158847

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

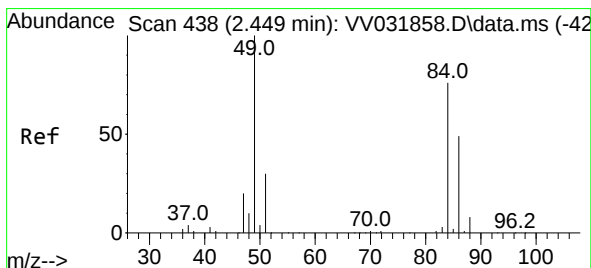
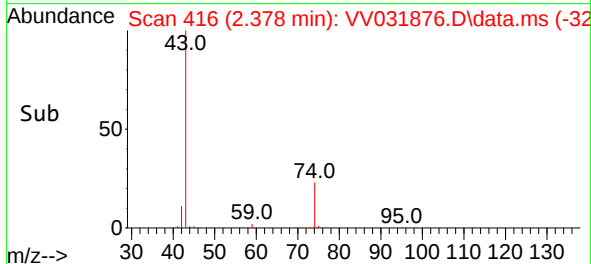
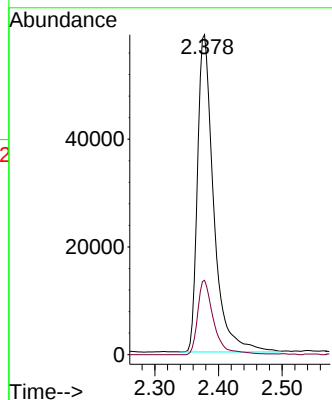
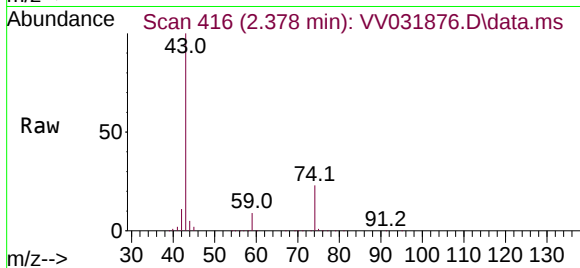




#15
Methyl Acetate
Concen: 49.431 ug/L
RT: 2.378 min Scan# 414
Delta R.T. 0.007 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

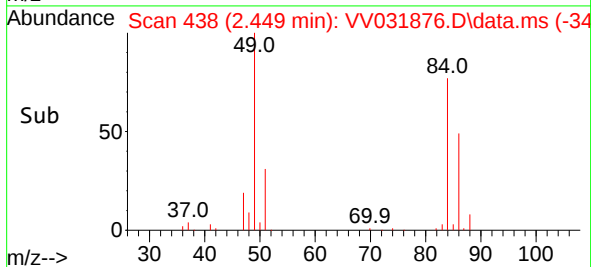
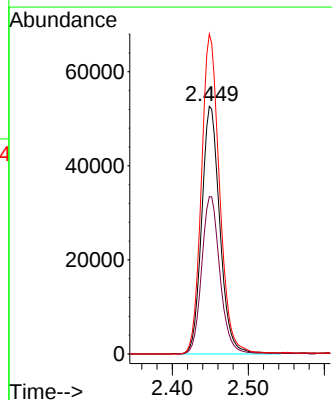
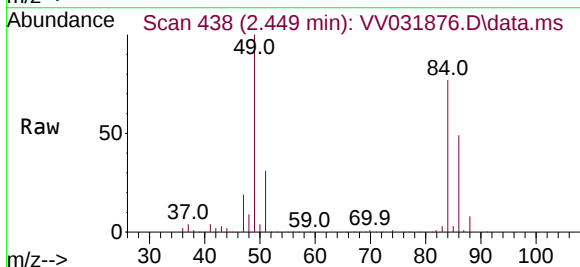
Instrument :
MSVOA_V
ClientSampleId :

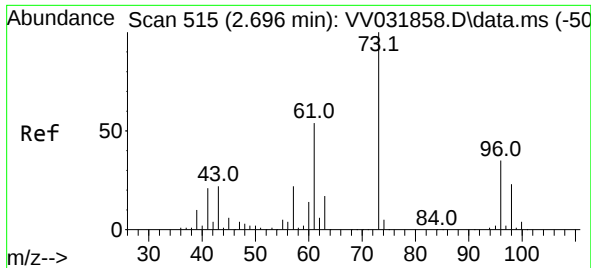
Tgt Ion: 43 Resp: 104263
Ion Ratio Lower Upper
43 100
74 23.2 17.9 26.9



#16
Methylene chloride
Concen: 48.186 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion: 84 Resp: 87608
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 129.2 91.6 170.2

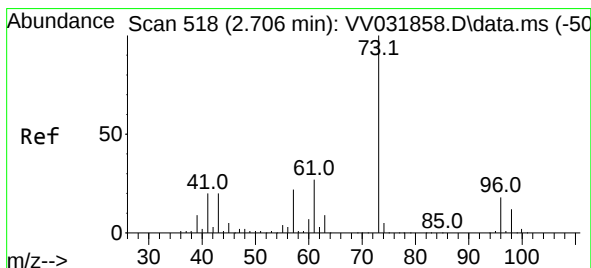
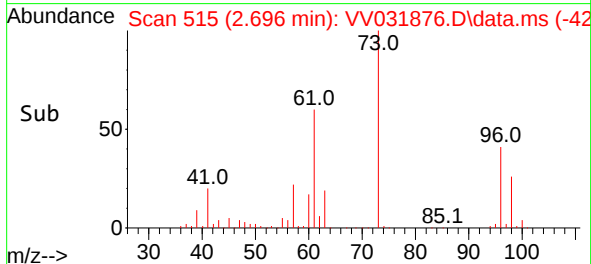
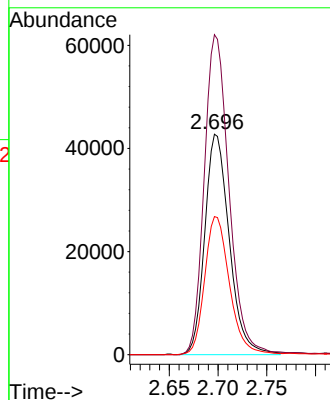
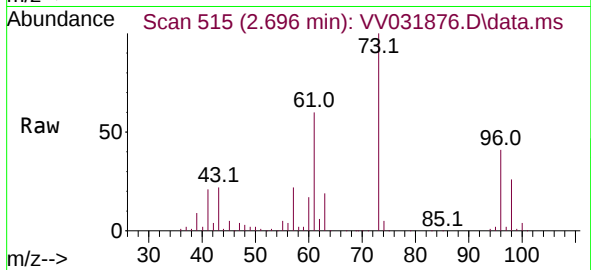




#17
trans-1,2-Dichloroethene
Concen: 48.352 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

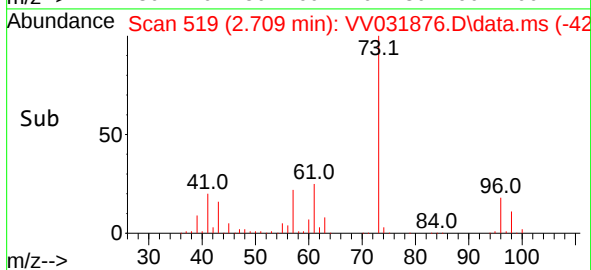
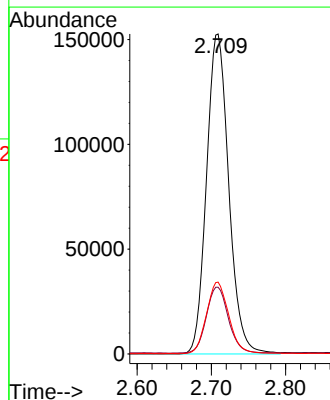
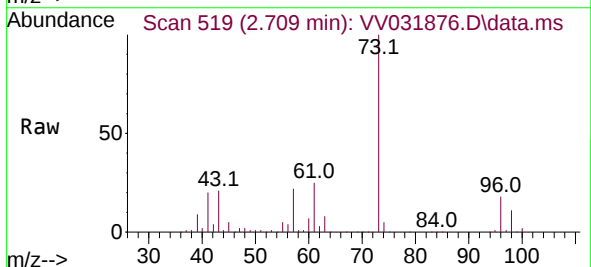
Instrument :
MSVOA_V
ClientSampleId :

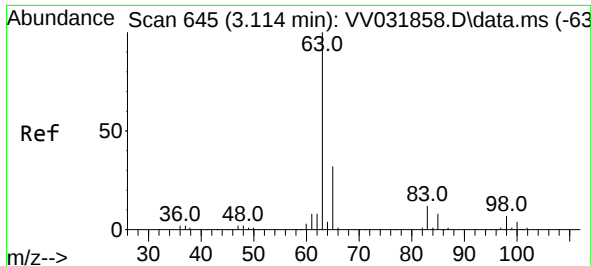
Tgt Ion: 96 Resp: 75000
Ion Ratio Lower Upper
96 100
61 145.1 107.3 199.3
98 62.6 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 48.468 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion: 73 Resp: 317733
Ion Ratio Lower Upper
73 100
43 20.6 16.6 25.0
57 22.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 48.411 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

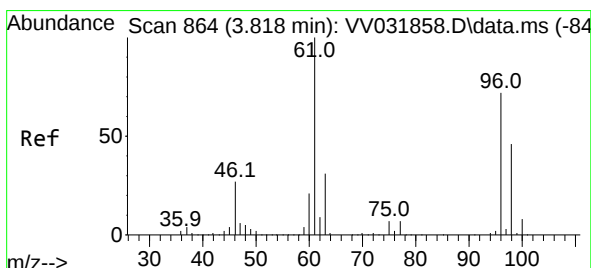
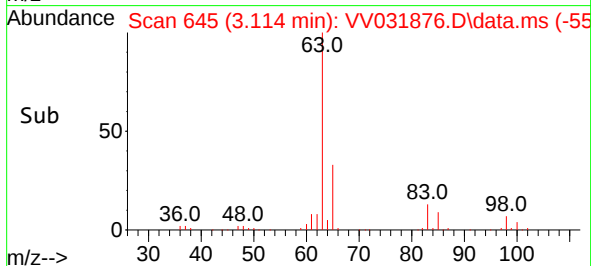
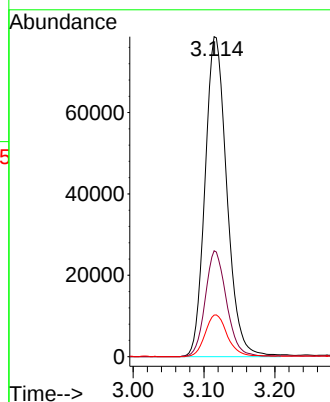
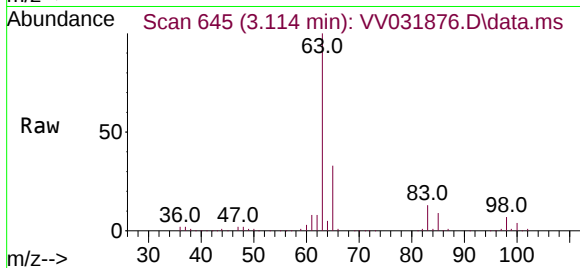
Tgt Ion: 63 Resp: 168283

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 13.0 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 49.786 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

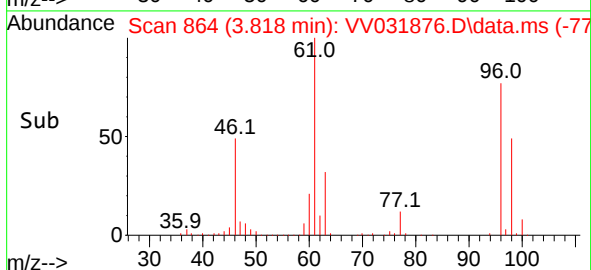
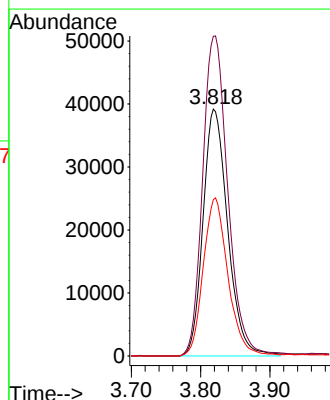
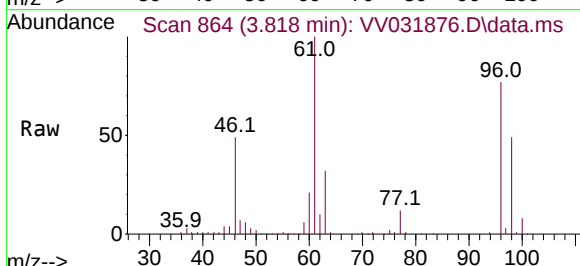
Tgt Ion: 96 Resp: 96886

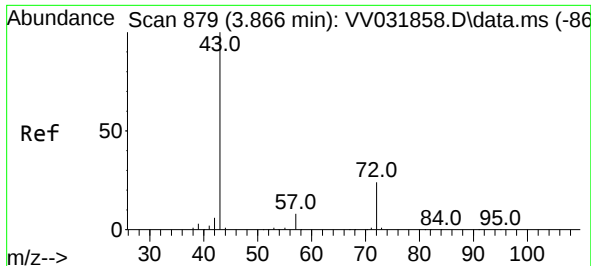
Ion Ratio Lower Upper

96 100

61 129.5 97.3 180.7

98 63.3 45.3 84.1

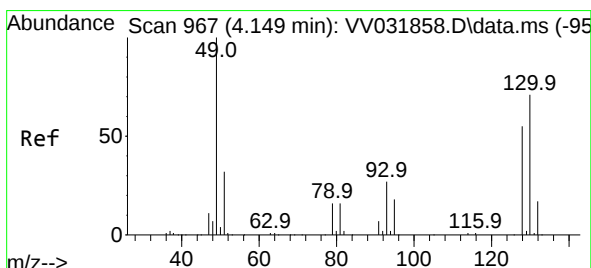
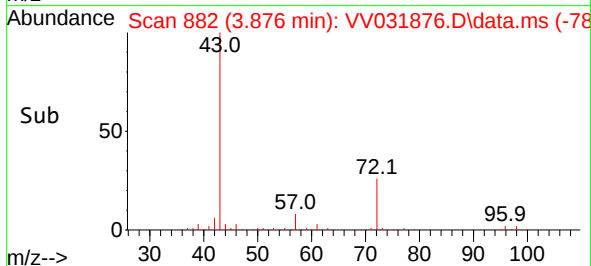
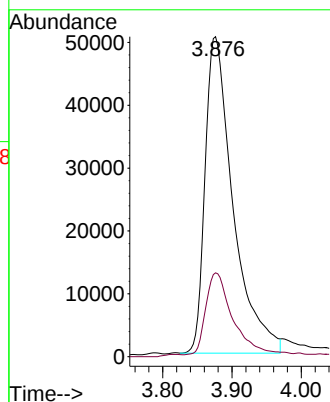
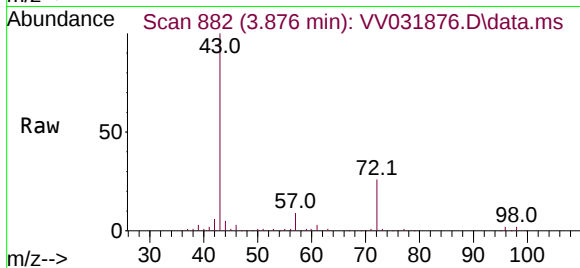




#22
2-Butanone
Concen: 90.378 ug/L
RT: 3.876 min Scan# 81
Delta R.T. 0.010 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

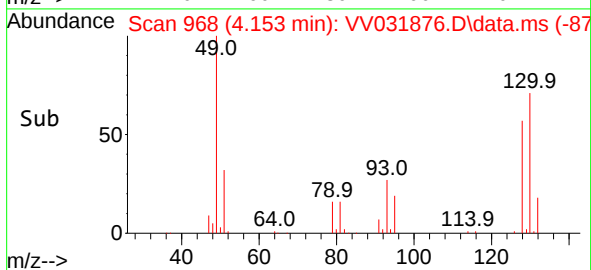
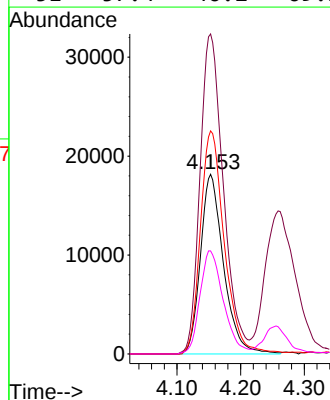
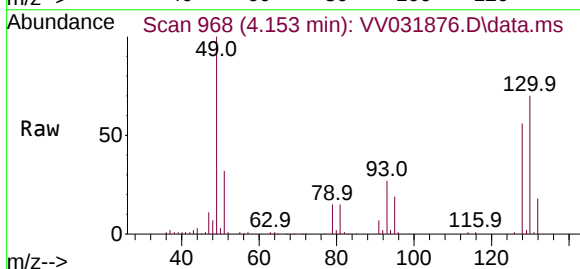
Instrument :
MSVOA_V
ClientSampleId :

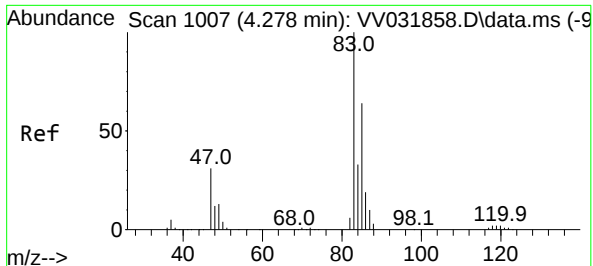
Tgt Ion: 43 Resp: 141437
Ion Ratio Lower Upper
43 100
72 25.7 12.6 37.8



#23
Bromochloromethane
Concen: 48.446 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion:128 Resp: 45740
Ion Ratio Lower Upper
128 100
49 178.1 127.8 237.4
130 124.1 90.1 167.3
51 57.4 46.2 69.2





#25

Chloroform

Concen: 47.803 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

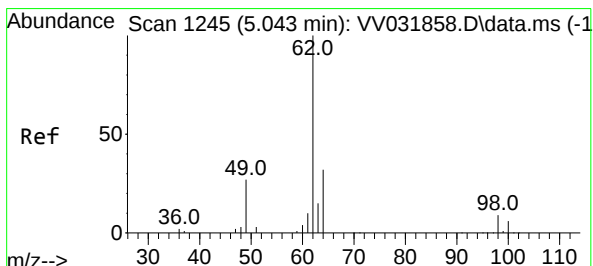
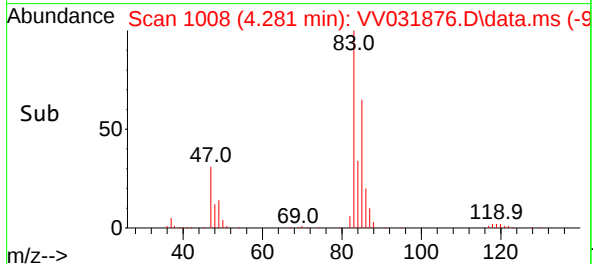
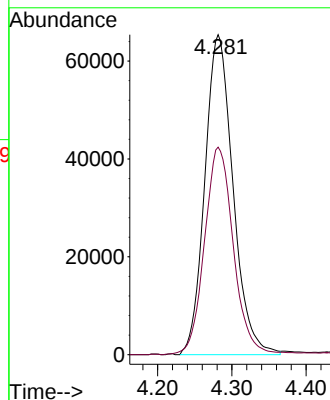
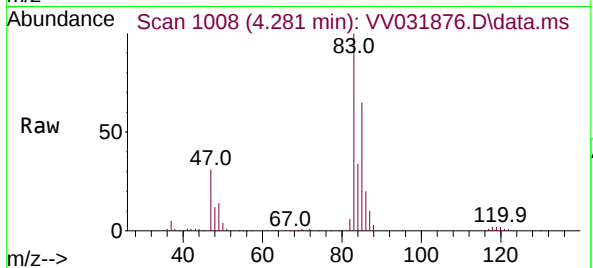
ClientSampleId :

Tgt Ion: 83 Resp: 172770

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 47.703 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV031876.D

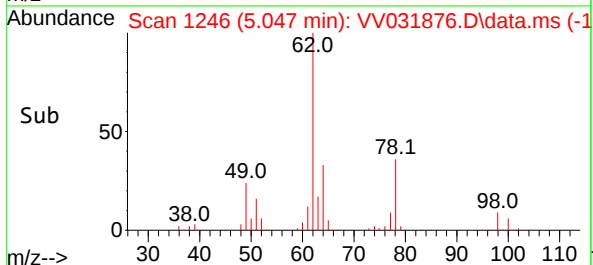
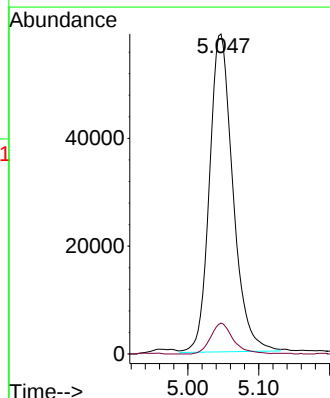
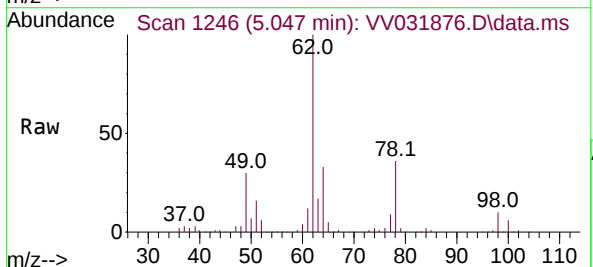
Acq: 23 Aug 2023 17:30

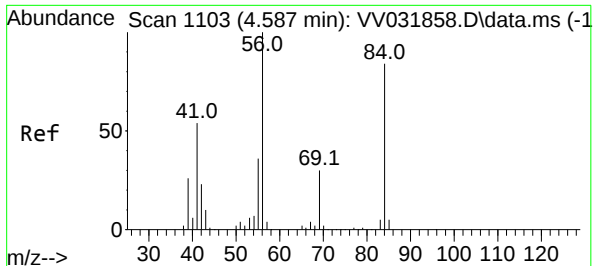
Tgt Ion: 62 Resp: 135828

Ion Ratio Lower Upper

62 100

98 9.7 7.0 10.4





#29

Cyclohexane

Concen: 50.602 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

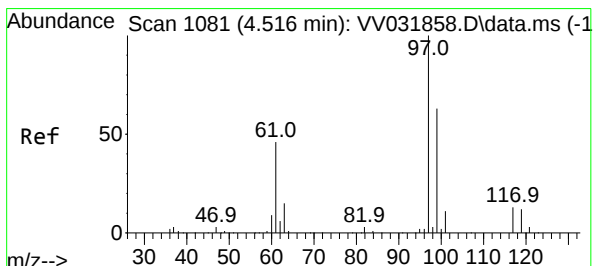
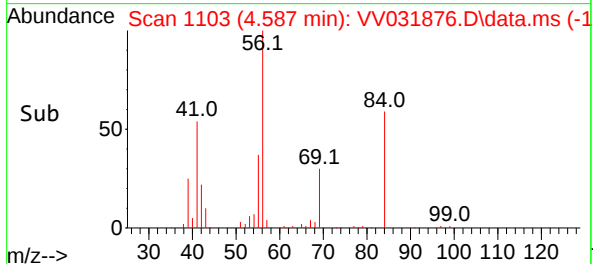
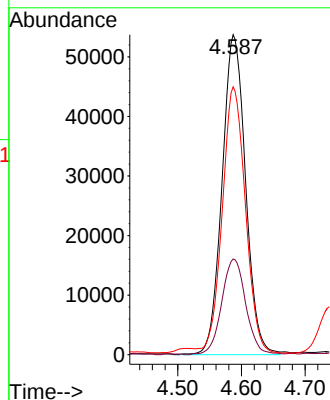
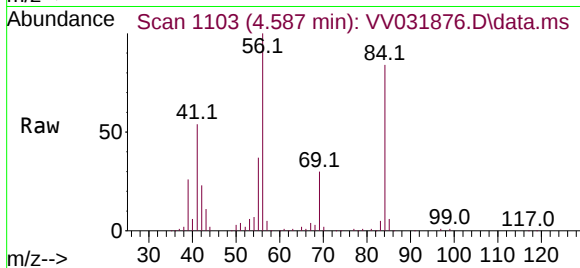
Tgt Ion: 56 Resp: 137708

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 81.8 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 48.684 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

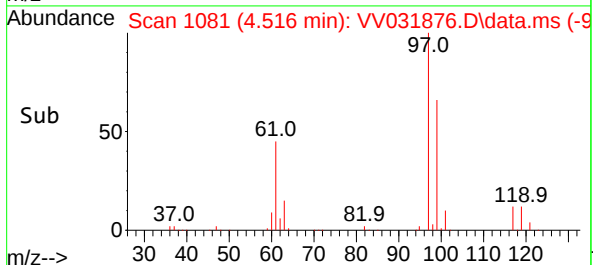
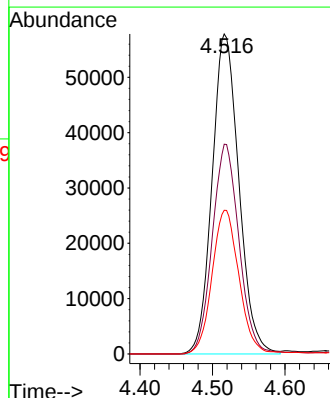
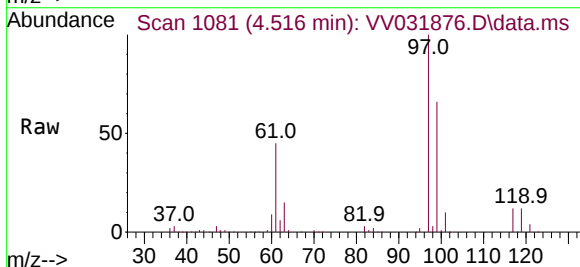
Tgt Ion: 97 Resp: 148424

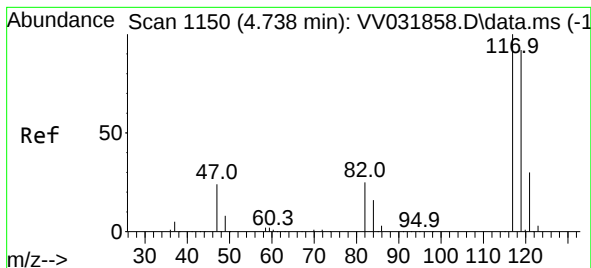
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

61 45.1 36.5 54.7





#31

Carbon tetrachloride

Concen: 47.404 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

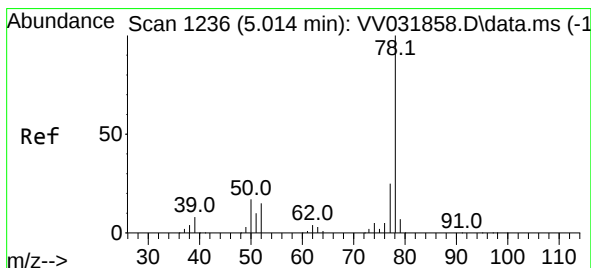
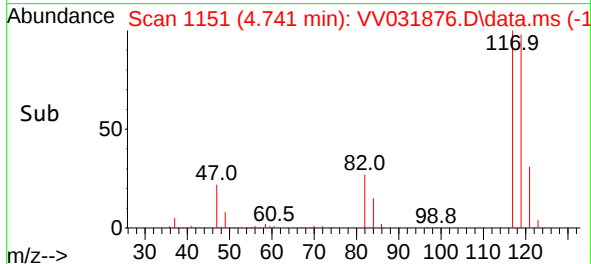
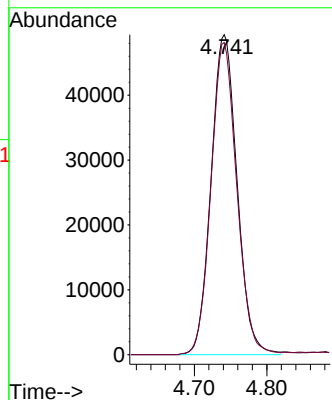
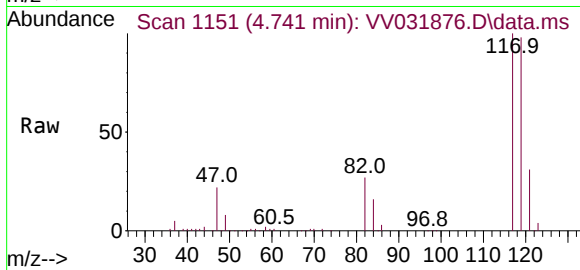
ClientSampleId :

Tgt Ion:117 Resp: 122720

Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.2



#33

Benzene

Concen: 49.899 ug/L

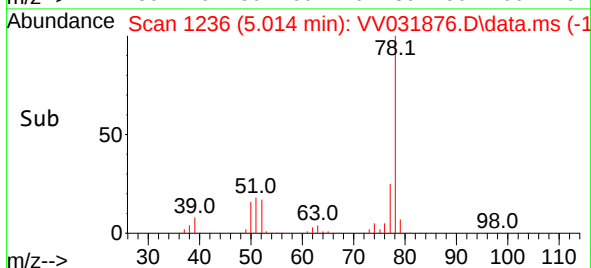
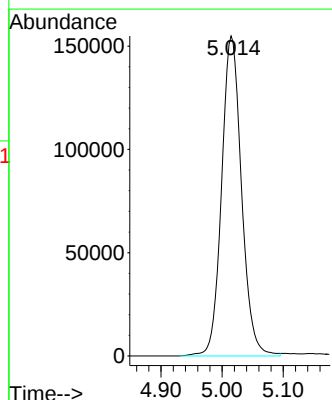
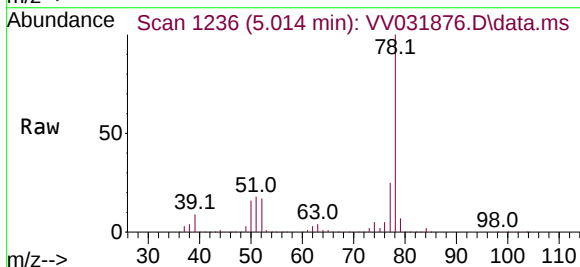
RT: 5.014 min Scan# 1236

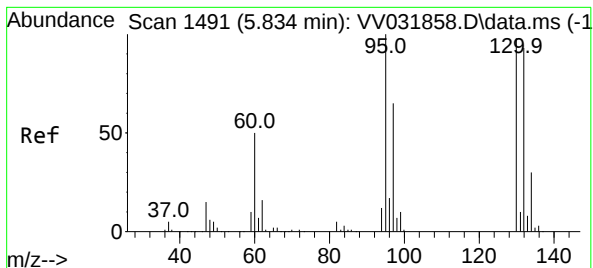
Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Tgt Ion: 78 Resp: 350434





#34

Trichloroethene

Concen: 49.112 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 105485

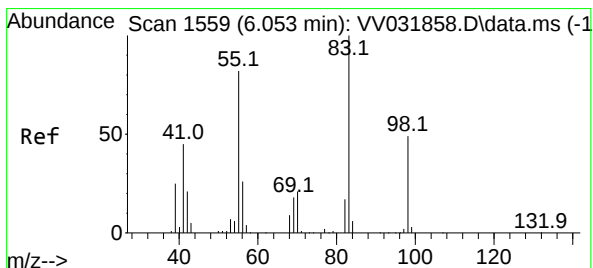
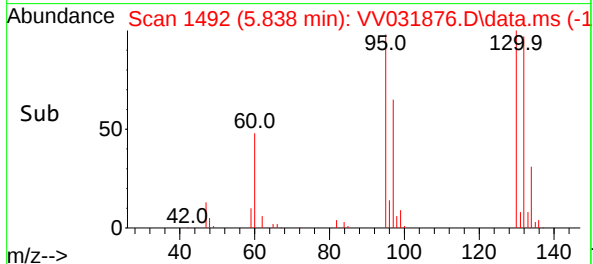
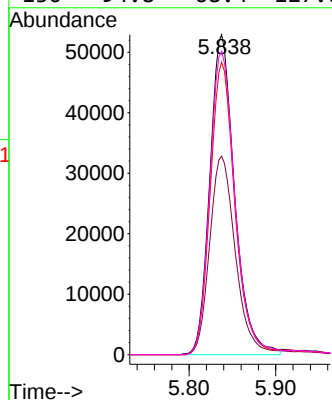
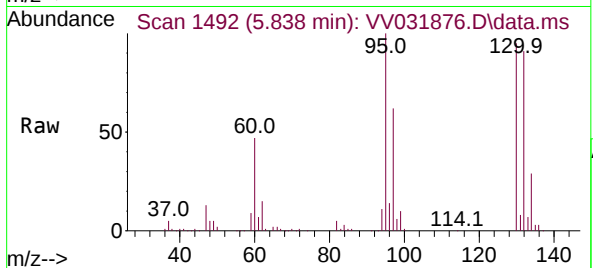
Ion Ratio Lower Upper

95 100

97 62.1 45.4 84.2

132 91.5 65.4 121.4

130 94.8 68.4 127.0



#35

Methylcyclohexane

Concen: 48.550 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

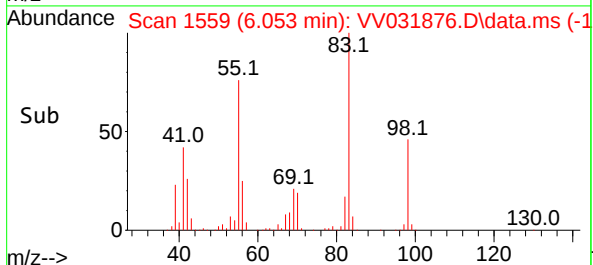
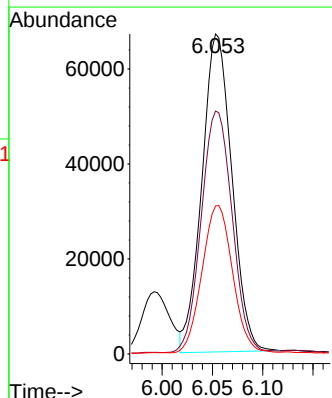
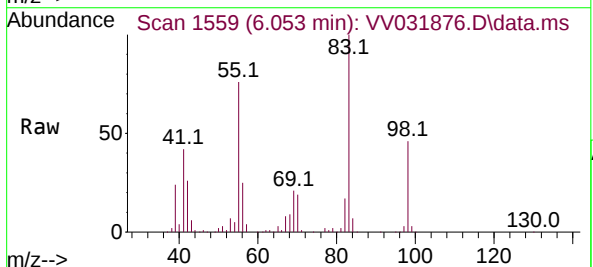
Tgt Ion: 83 Resp: 138698

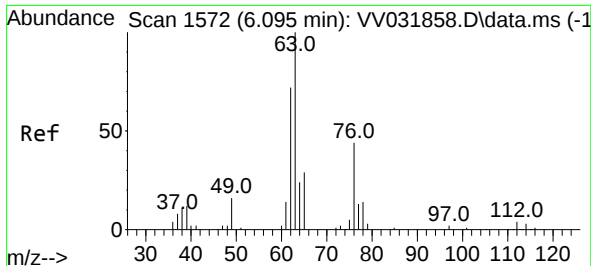
Ion Ratio Lower Upper

83 100

55 78.6 62.2 93.2

98 47.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 50.286 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

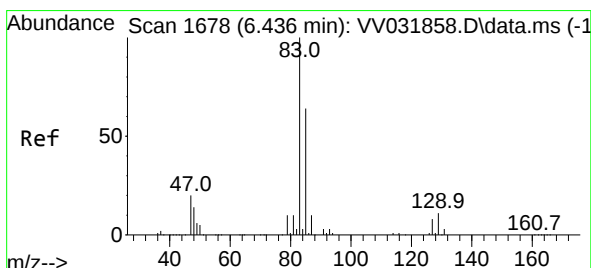
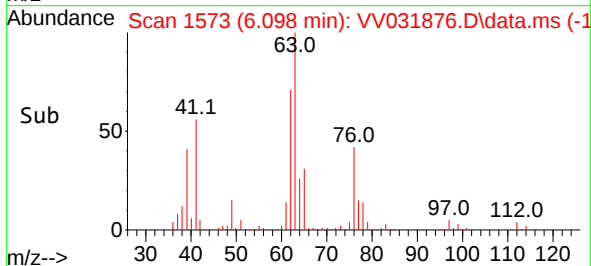
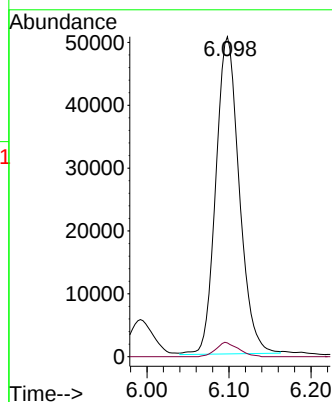
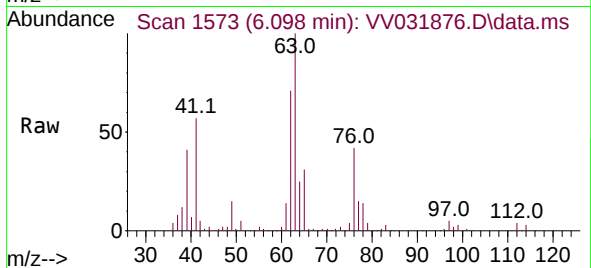
ClientSampleId :

Tgt Ion: 63 Resp: 100101

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 47.485 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

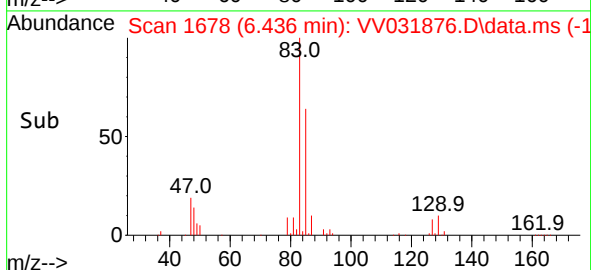
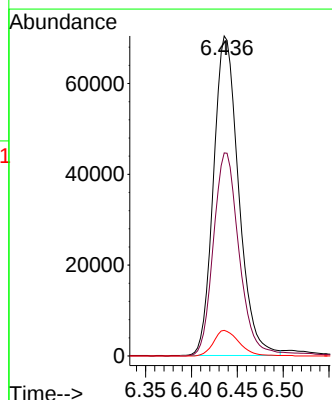
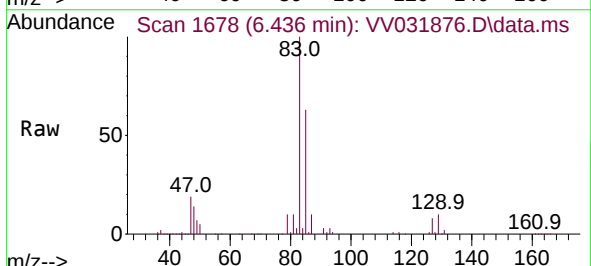
Tgt Ion: 83 Resp: 134169

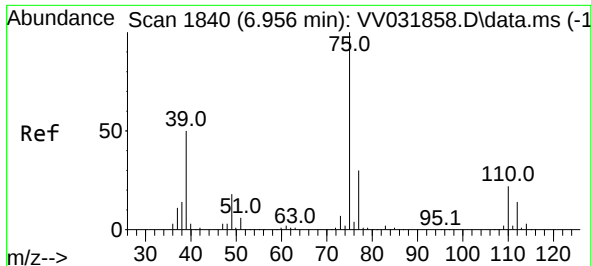
Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 50.463 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

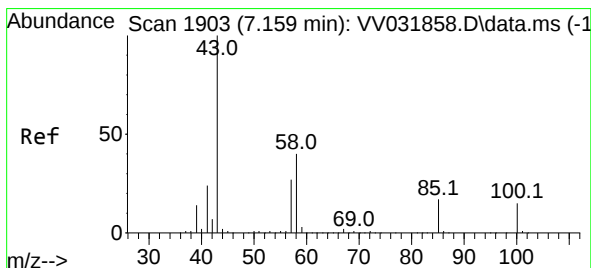
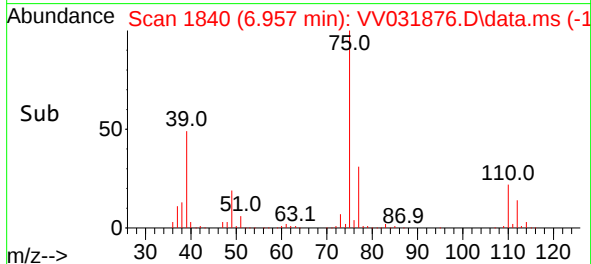
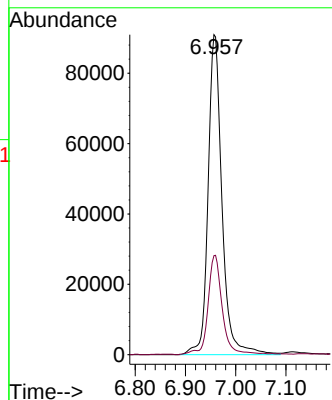
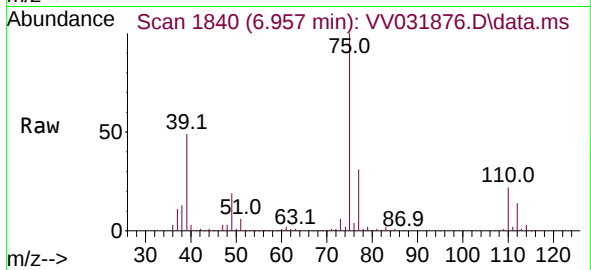
ClientSampleId :

Tgt Ion: 75 Resp: 174645

Ion Ratio Lower Upper

75 100

77 31.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 98.718 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

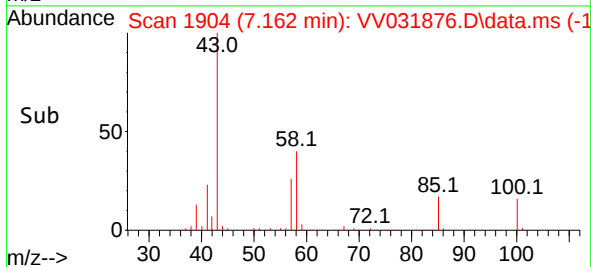
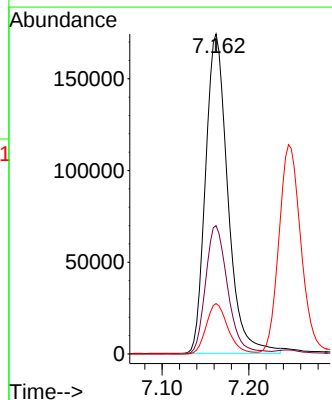
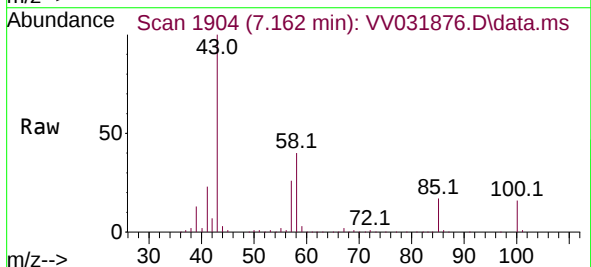
Tgt Ion: 43 Resp: 311899

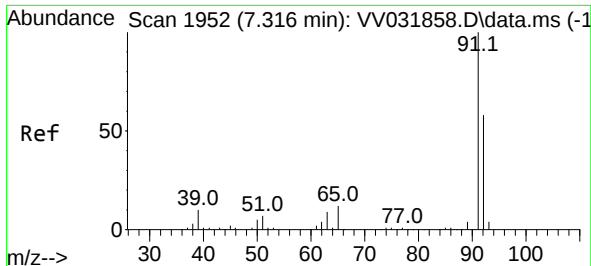
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 15.4 11.9 17.9





#42

Toluene

Concen: 49.778 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

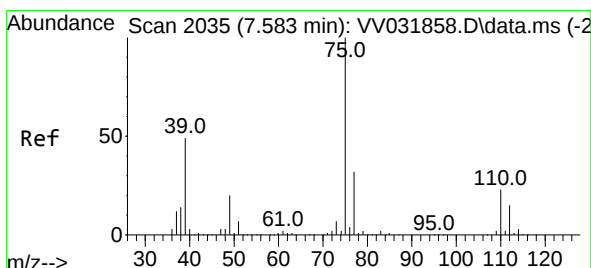
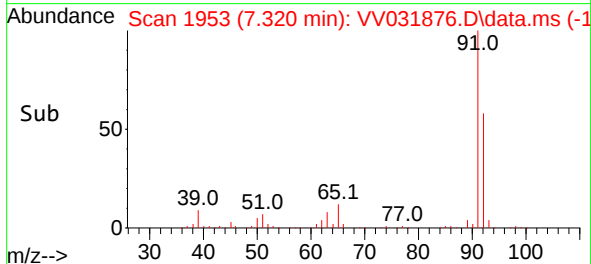
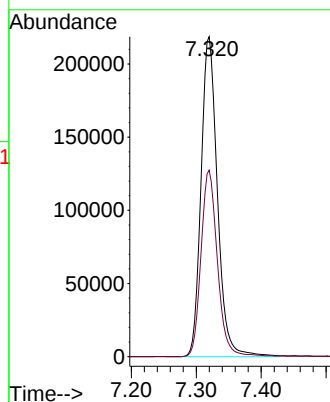
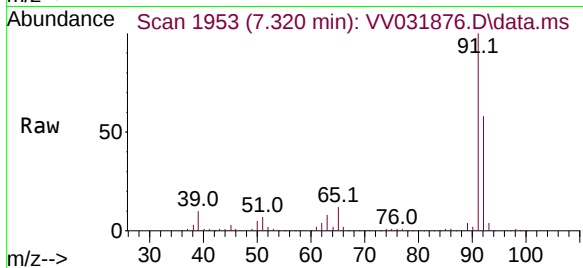
ClientSampleId :

Tgt Ion: 91 Resp: 384551

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 48.756 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031876.D

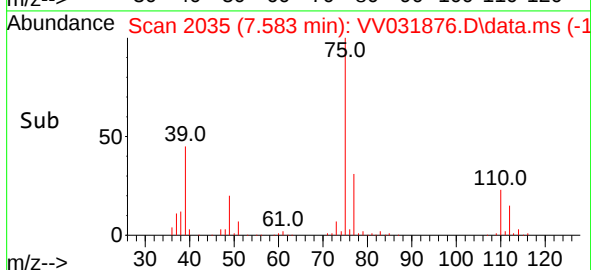
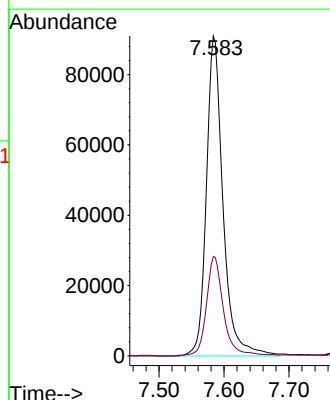
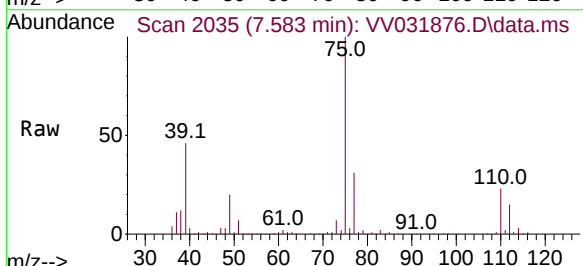
Acq: 23 Aug 2023 17:30

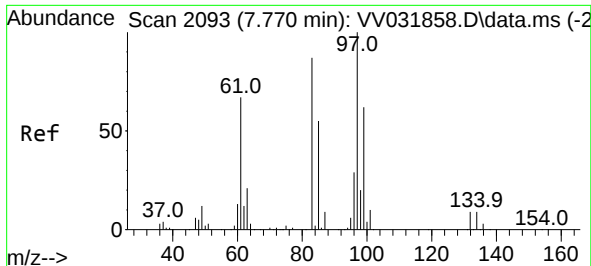
Tgt Ion: 75 Resp: 162126

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 49.090 ug/L

RT: 7.773 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 98725

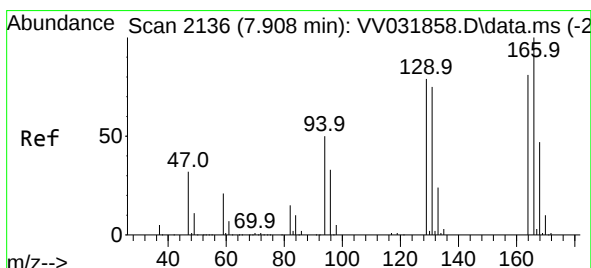
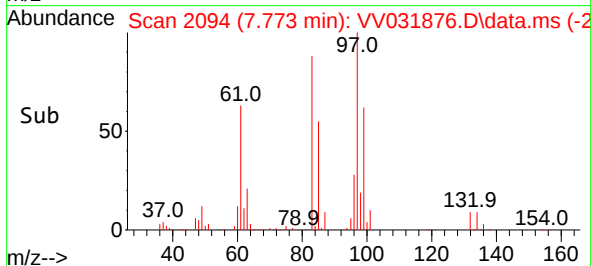
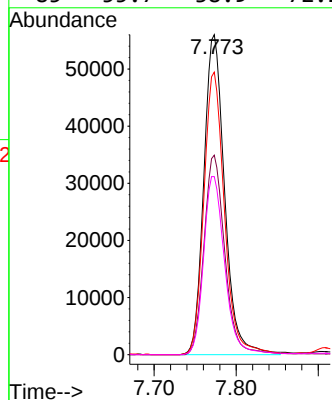
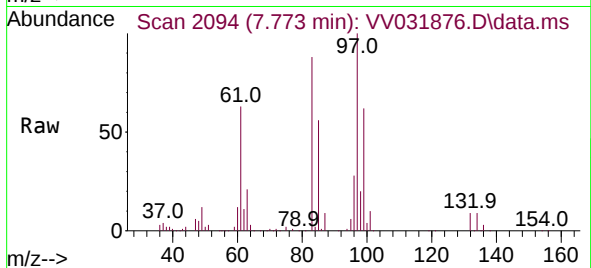
Ion Ratio Lower Upper

97 100

99 62.4 43.0 79.8

83 88.3 61.2 113.6

85 55.7 38.9 72.2



#46

Tetrachloroethene

Concen: 48.575 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Tgt Ion: 164 Resp: 65510

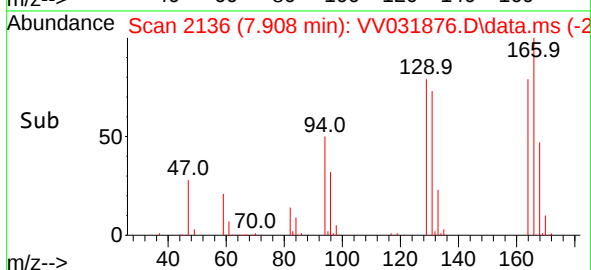
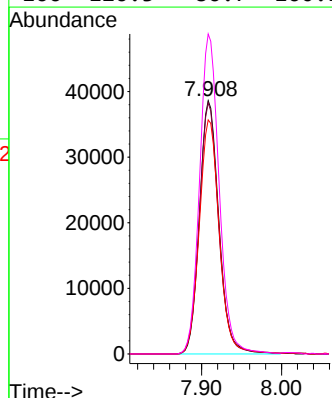
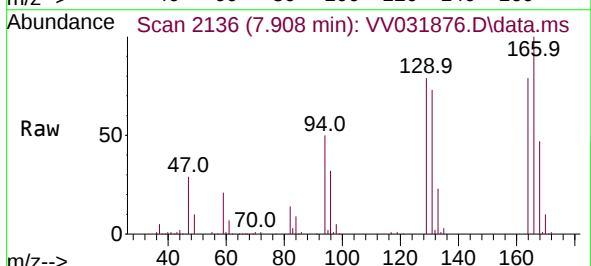
Ion Ratio Lower Upper

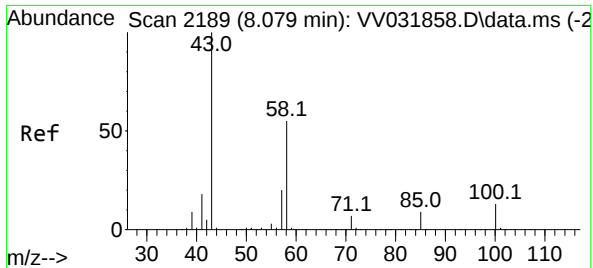
164 100

129 99.2 68.3 126.9

131 92.4 64.9 120.5

166 126.3 86.7 160.9



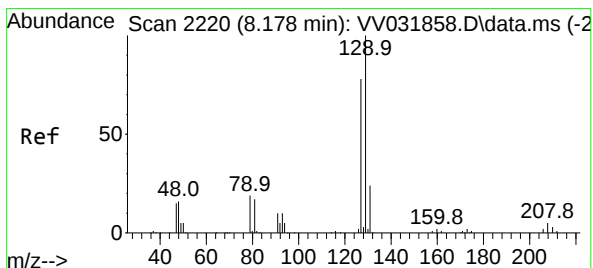
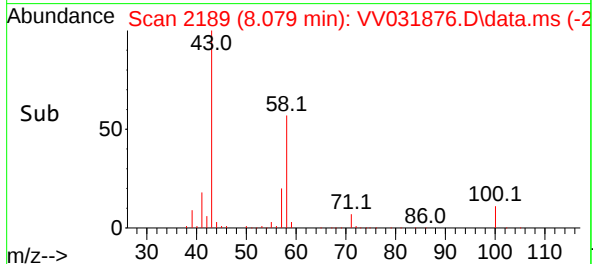
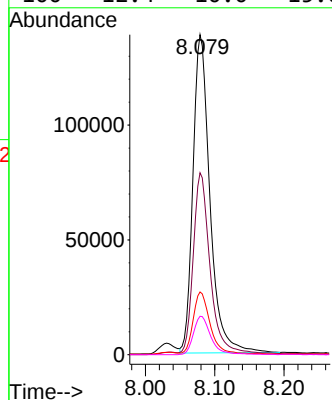
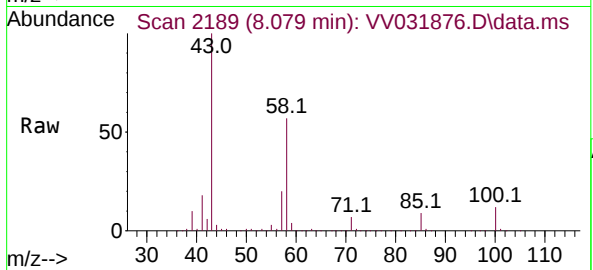


#48
2-Hexanone
Concen: 98.096 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 236688

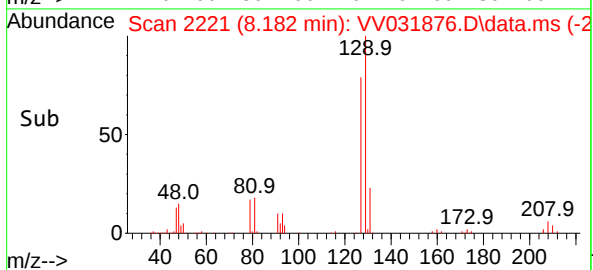
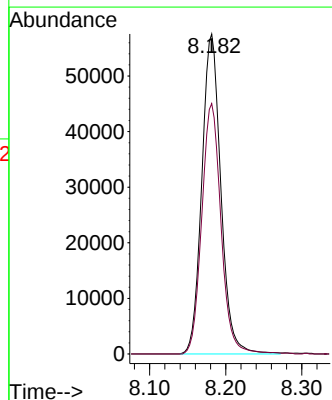
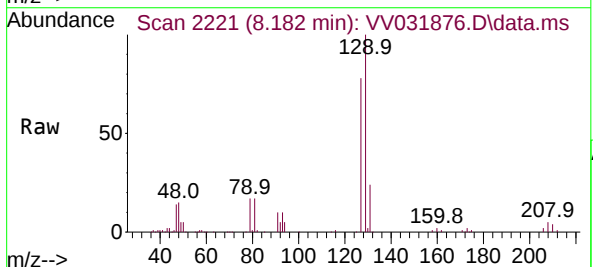
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.0	66.0
57	18.9	15.9	23.9
100	12.4	10.0	15.0

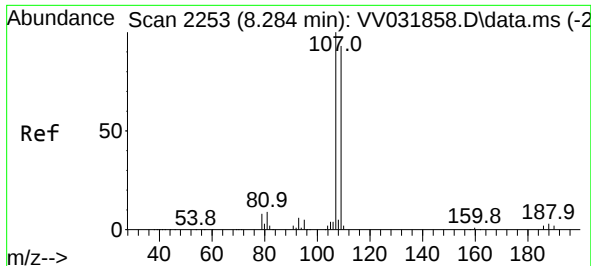


#49
Dibromochloromethane
Concen: 48.418 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion: 129 Resp: 100060

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.7	101.7

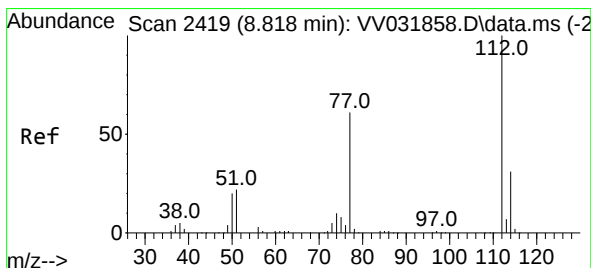
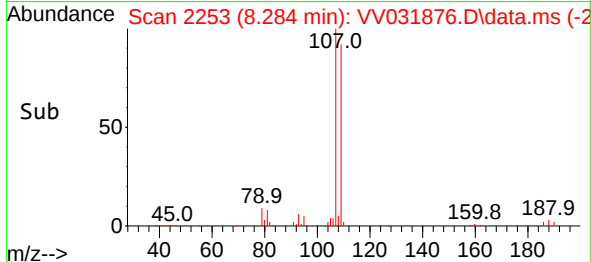
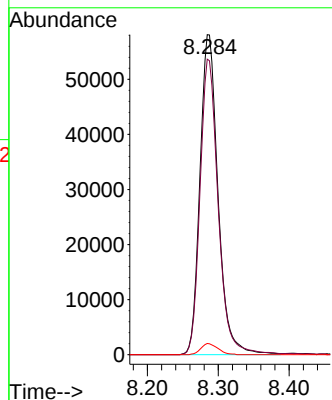
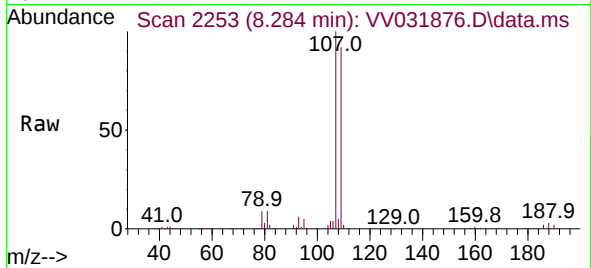




#50
1,2-Dibromoethane
Concen: 48.974 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

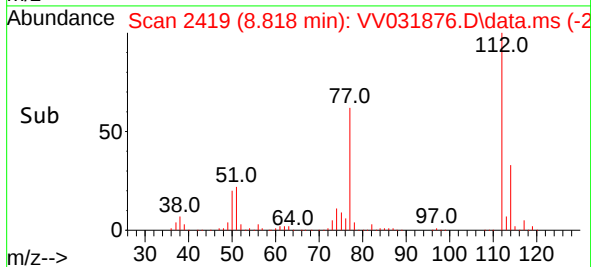
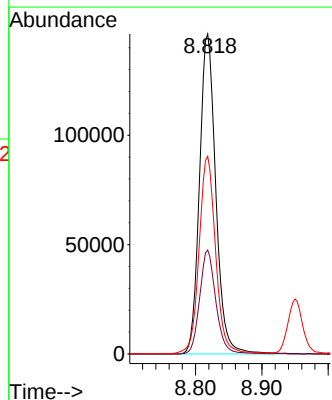
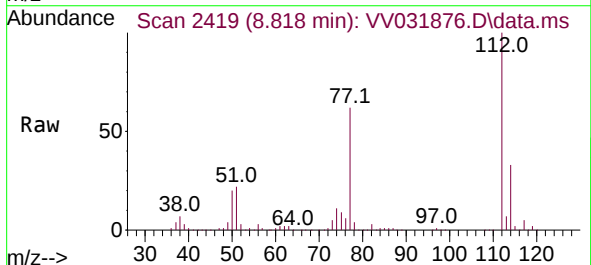
Instrument :
MSVOA_V
ClientSampleId :

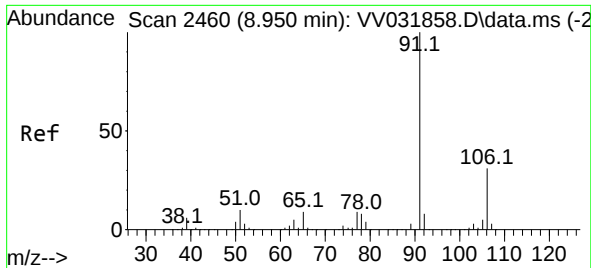
Tgt Ion:107 Resp: 103158
Ion Ratio Lower Upper
107 100
109 92.4 65.4 121.4
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 48.668 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion:112 Resp: 249826
Ion Ratio Lower Upper
112 100
114 32.5 22.0 40.8
77 61.7 49.4 74.0





#52

Ethylbenzene

Concen: 49.007 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

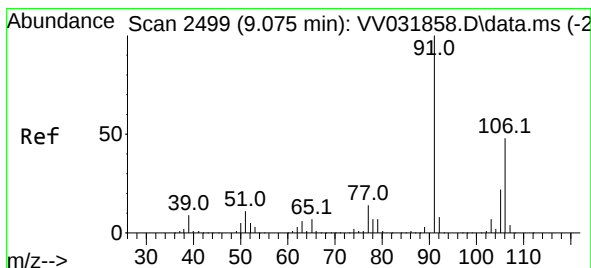
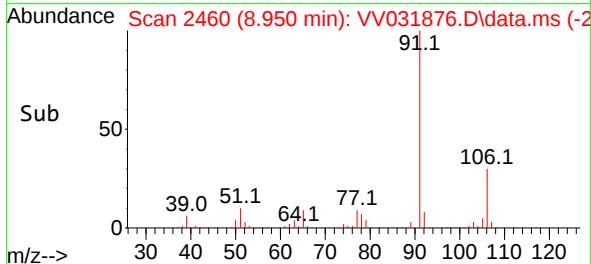
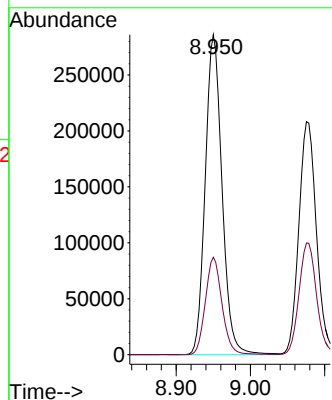
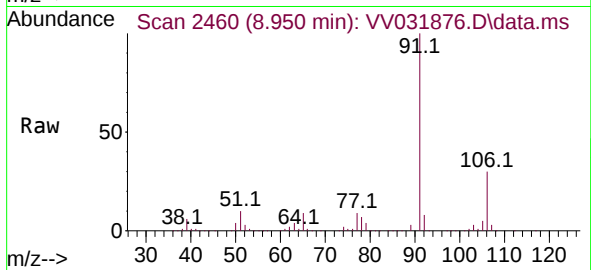
ClientSampleId :

Tgt Ion: 91 Resp: 448461

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9



#53

m,p-Xylene

Concen: 48.240 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031876.D

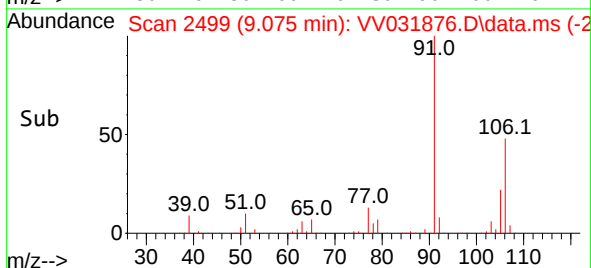
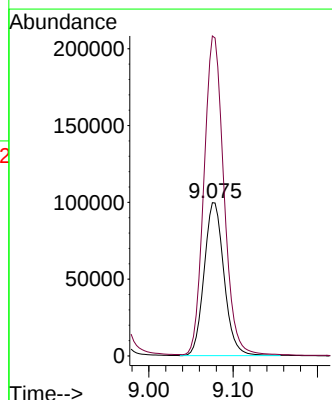
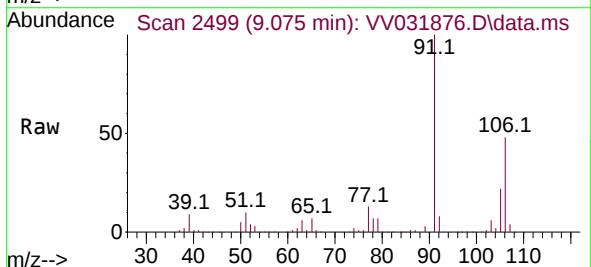
Acq: 23 Aug 2023 17:30

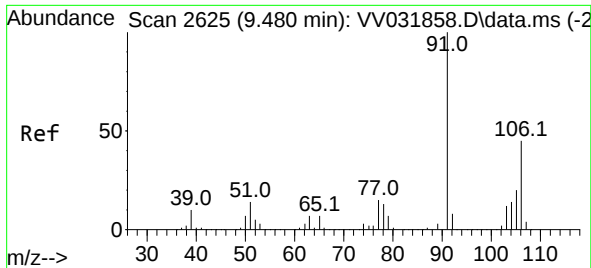
Tgt Ion:106 Resp: 163909

Ion Ratio Lower Upper

106 100

91 208.7 147.0 273.0

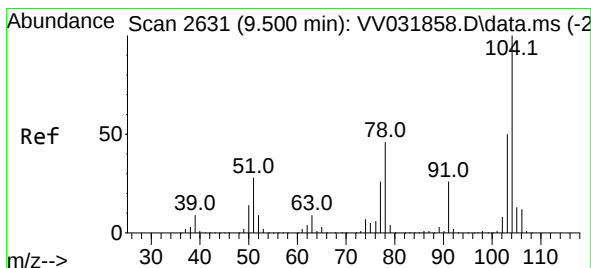
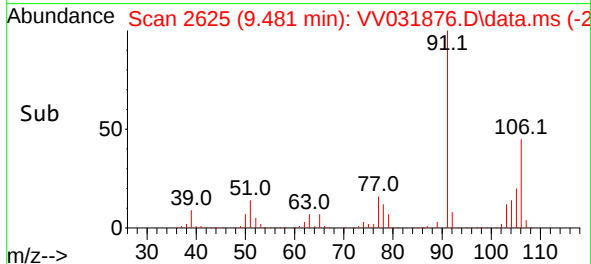
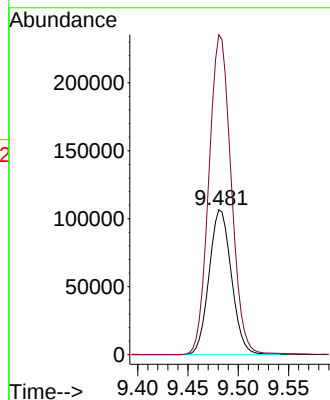
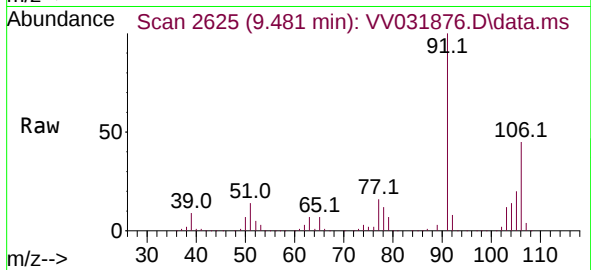




#54
o-Xylene
Concen: 48.832 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

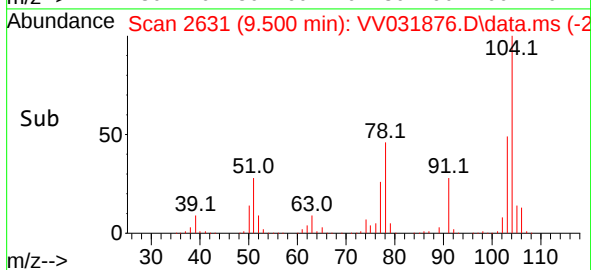
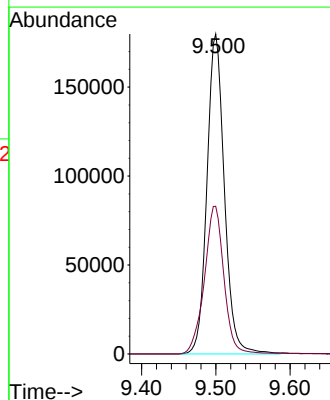
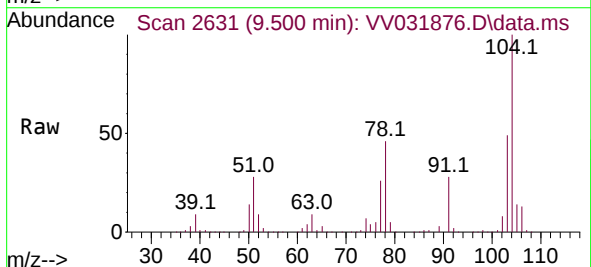
Instrument :
MSVOA_V
ClientSampleId :

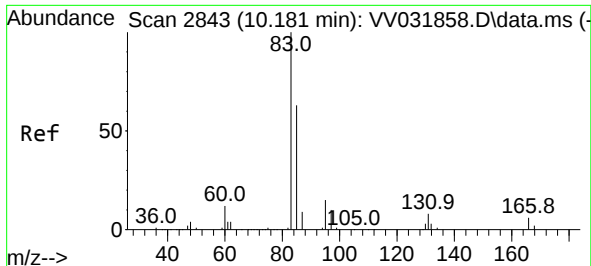
Tgt Ion:106 Resp: 165020
Ion Ratio Lower Upper
106 100
91 220.8 154.3 286.5



#55
Styrene
Concen: 49.015 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion:104 Resp: 292815
Ion Ratio Lower Upper
104 100
78 46.2 32.3 59.9

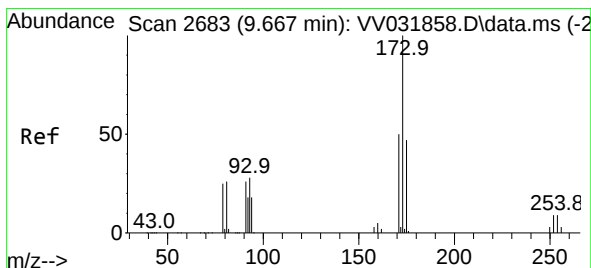
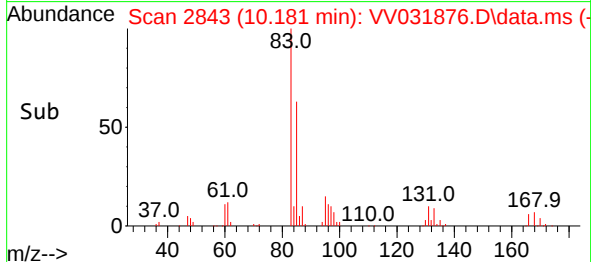
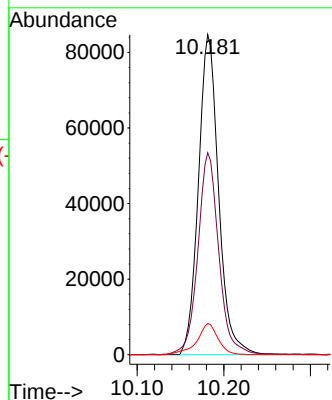
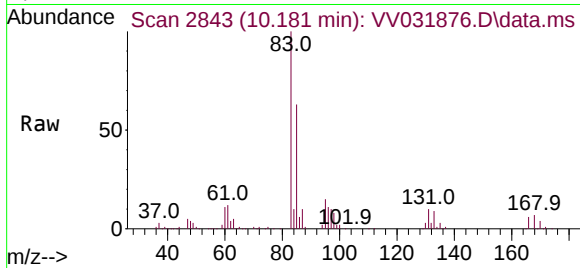




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.213 ug/L
 RT: 10.181 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: VV031876.D
 Acq: 23 Aug 2023 17:30

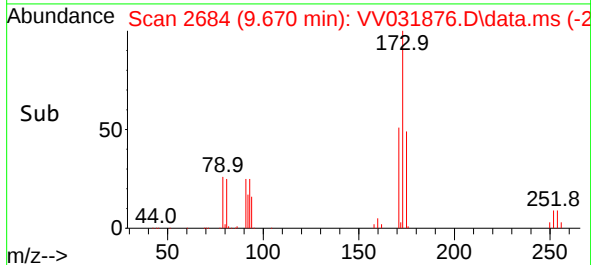
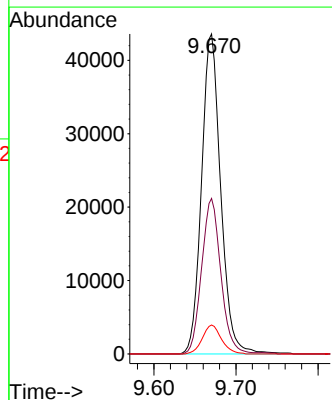
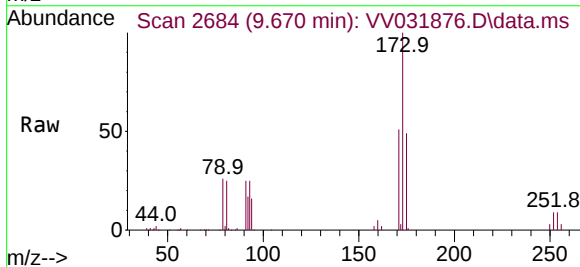
Instrument :
 MSVOA_V
 ClientSampleId :

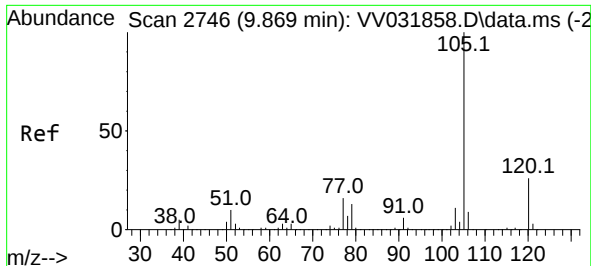
Tgt Ion: 83 Resp: 137258
 Ion Ratio Lower Upper
 83 100
 85 63.1 45.1 83.9
 131 9.7 7.4 11.2



#59
 Bromoform
 Concen: 49.015 ug/L
 RT: 9.670 min Scan# 2684
 Delta R.T. 0.003 min
 Lab File: VV031876.D
 Acq: 23 Aug 2023 17:30

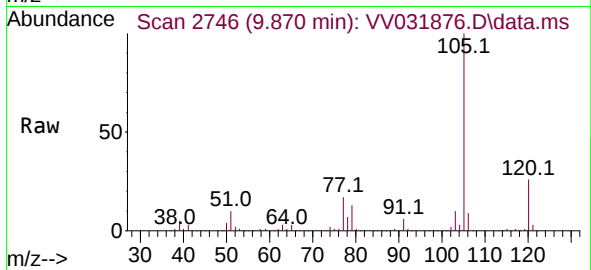
Tgt Ion: 173 Resp: 70894
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.3 57.5
 254 9.0 6.9 10.3



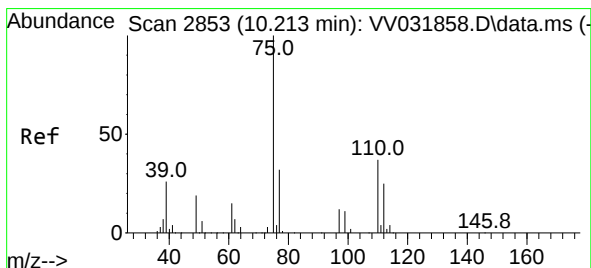
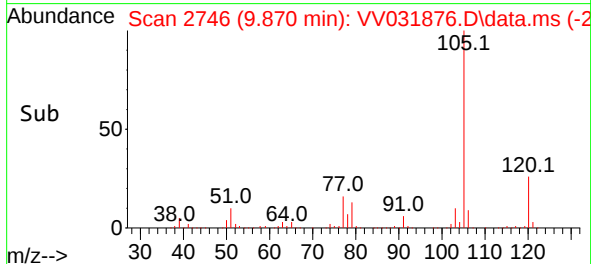
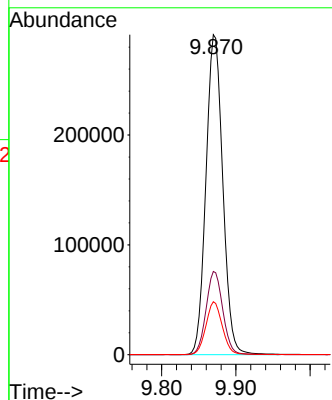


#60
Isopropylbenzene
Concen: 49.012 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Instrument :
MSVOA_V
ClientSampleId :

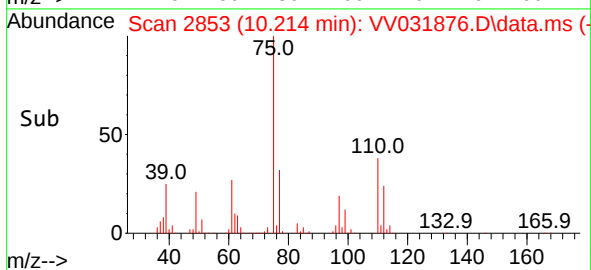
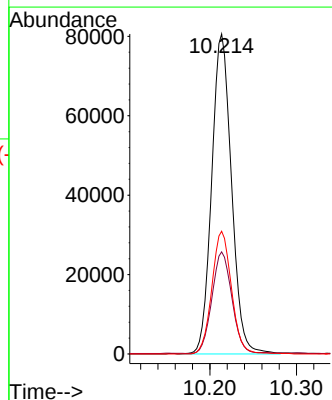
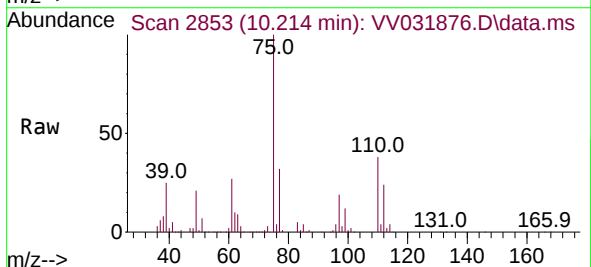


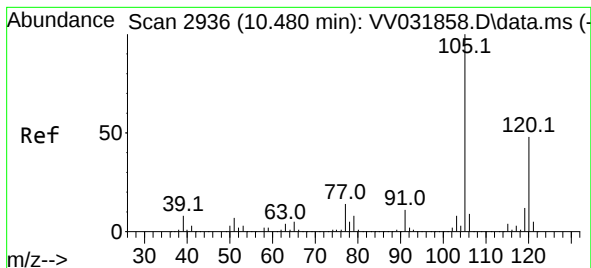
Tgt Ion:105 Resp: 457869
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 48.544 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion: 75 Resp: 127920
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 37.9 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 48.389 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

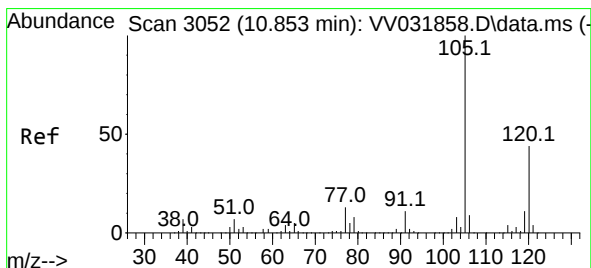
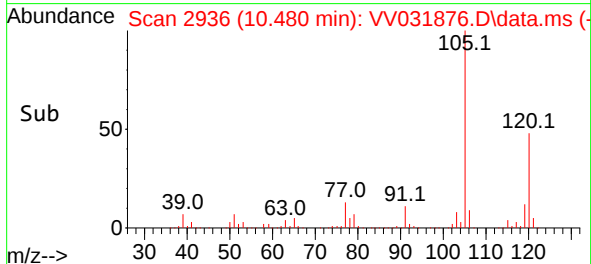
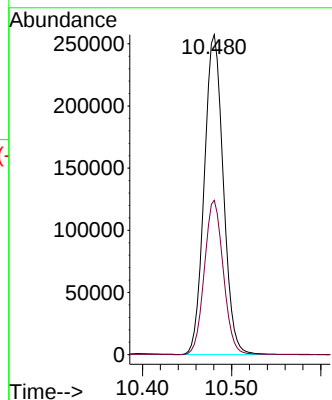
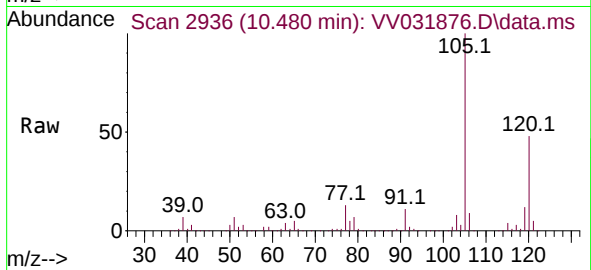
ClientSampleId :

Tgt Ion:105 Resp: 380312

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 48.236 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV031876.D

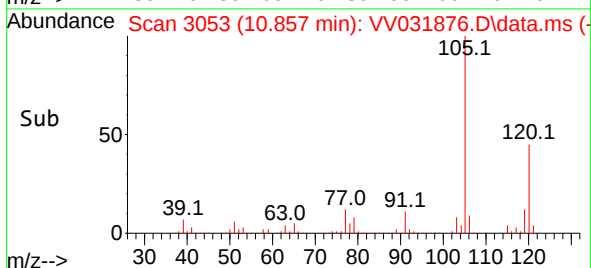
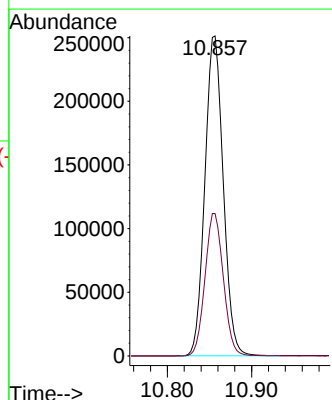
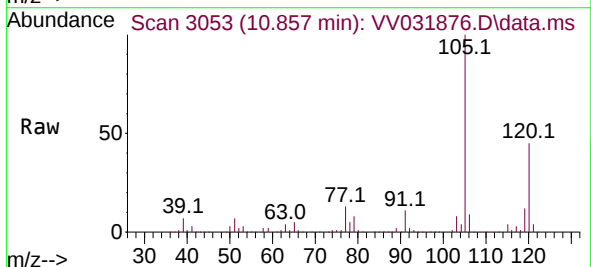
Acq: 23 Aug 2023 17:30

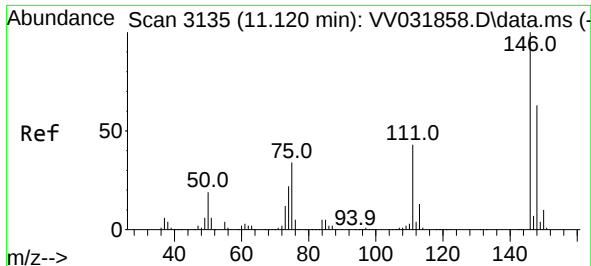
Tgt Ion:105 Resp: 381376

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9

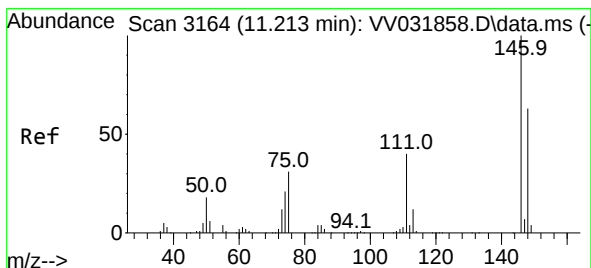
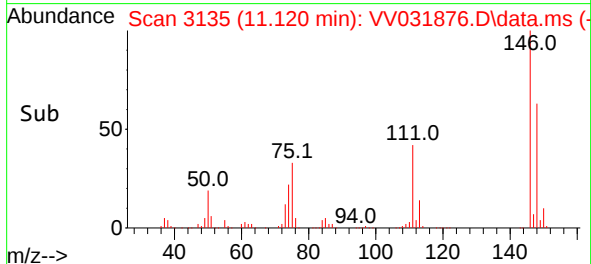
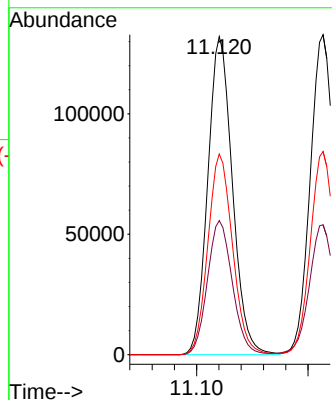
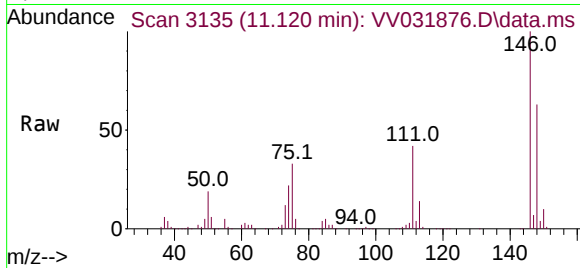




#64
1,3-Dichlorobenzene
Concen: 48.462 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

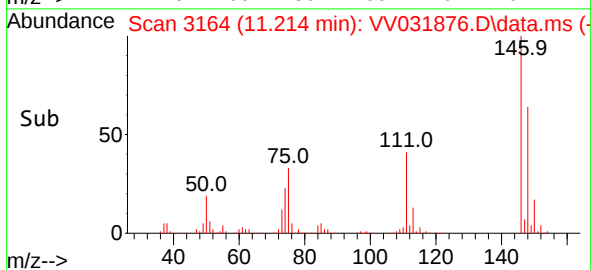
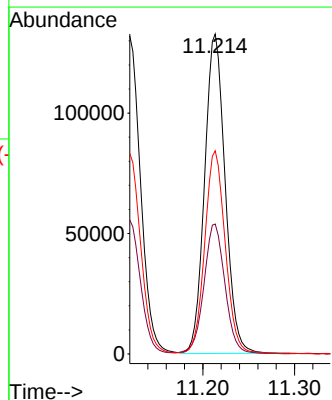
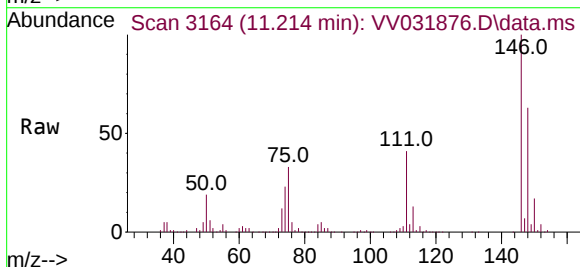
Instrument :
MSVOA_V
ClientSampleId :

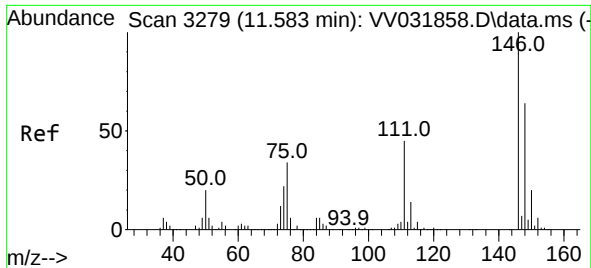
Tgt Ion:146 Resp: 202897
Ion Ratio Lower Upper
146 100
111 42.2 30.2 56.0
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 48.406 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

Tgt Ion:146 Resp: 206076
Ion Ratio Lower Upper
146 100
111 40.6 28.5 52.9
148 63.5 44.2 82.2

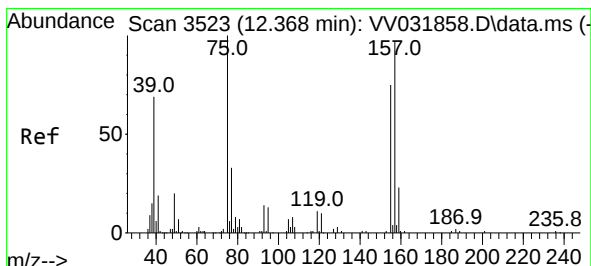
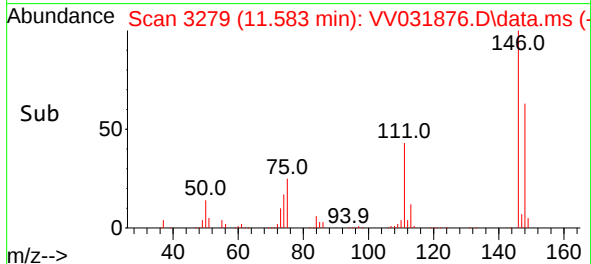
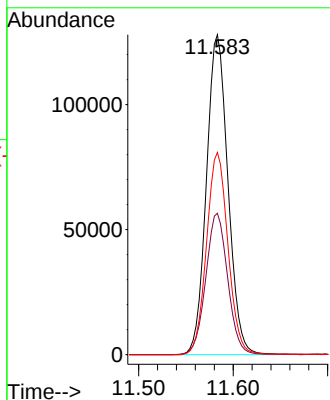
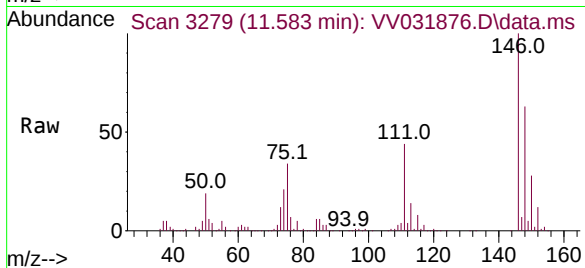




#67
1,2-Dichlorobenzene
Concen: 48.824 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

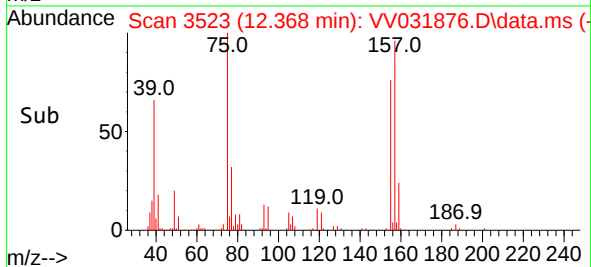
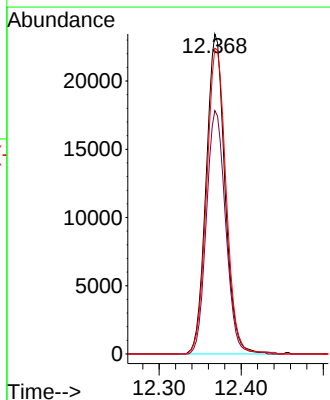
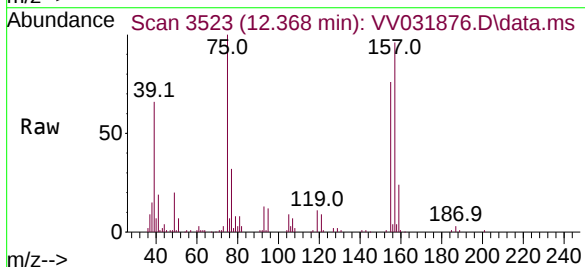
Instrument :
MSVOA_V
ClientSampleId :

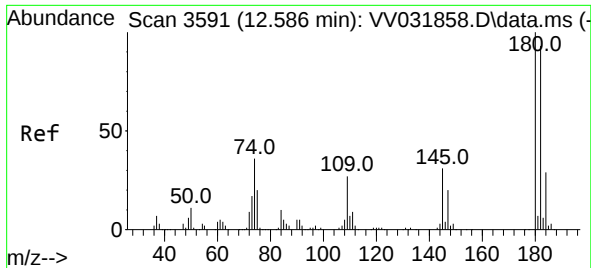
Tgt Ion:146 Resp: 202555
Ion Ratio Lower Upper
146 100
111 44.2 35.8 53.6
148 63.2 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 47.251 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

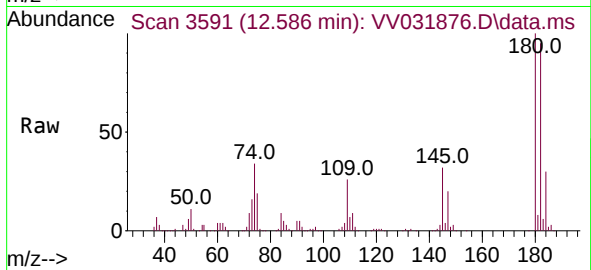
Tgt Ion: 75 Resp: 37400
Ion Ratio Lower Upper
75 100
155 76.0 60.1 90.1
157 95.6 77.3 115.9



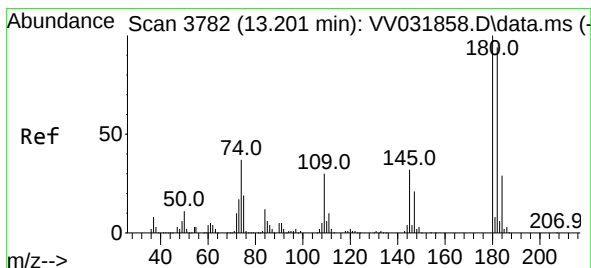
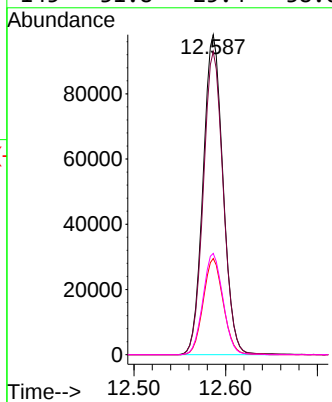
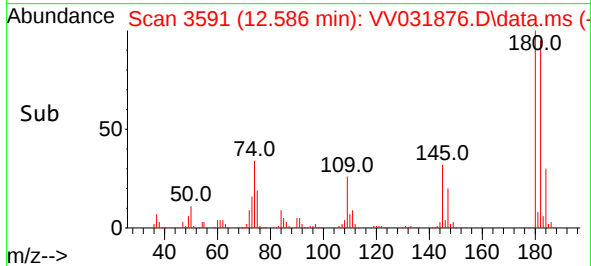


#69
1,3,5-Trichlorobenzene
Concen: 48.402 ug/L
RT: 12.586 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30

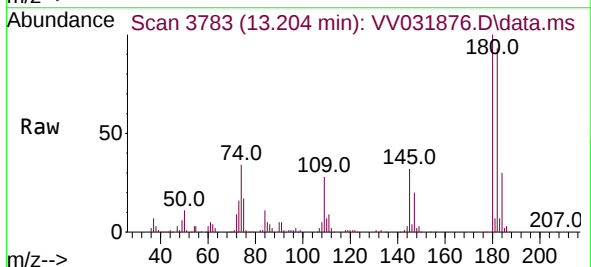
Instrument :
MSVOA_V
ClientSampleId :



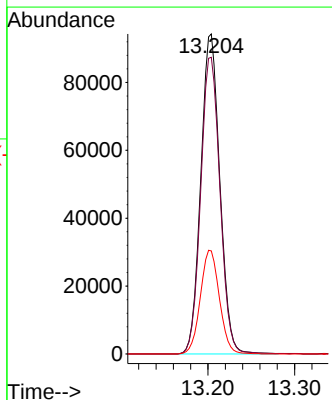
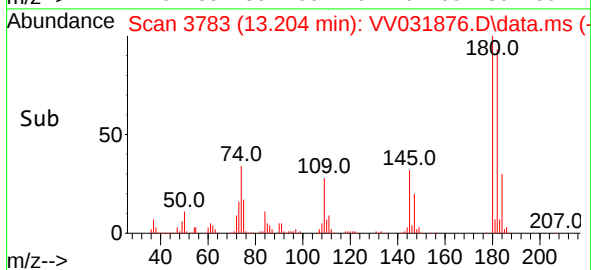
Tgt Ion:180 Resp: 147731
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.2
184 30.1 23.7 35.5
145 31.8 25.4 38.0

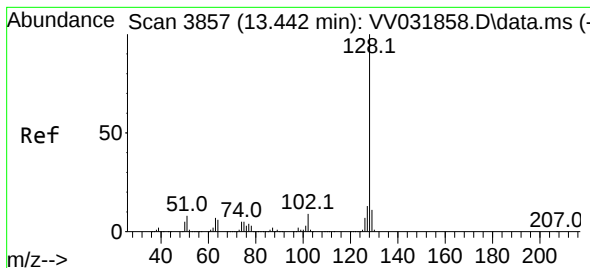


#70
1,2,4-trichlorobenzene
Concen: 49.191 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.003 min
Lab File: VV031876.D
Acq: 23 Aug 2023 17:30



Tgt Ion:180 Resp: 144115
Ion Ratio Lower Upper
180 100
182 93.8 75.4 113.2
145 32.4 26.0 39.0





#71

Naphthalene

Concen: 47.095 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Instrument :

MSVOA_V

ClientSampleId :

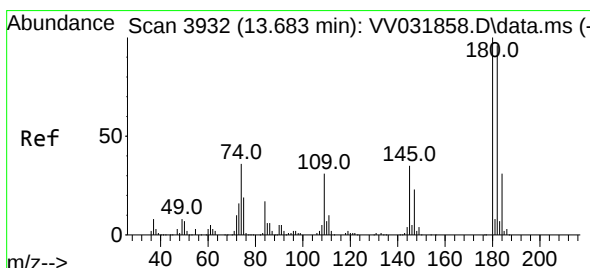
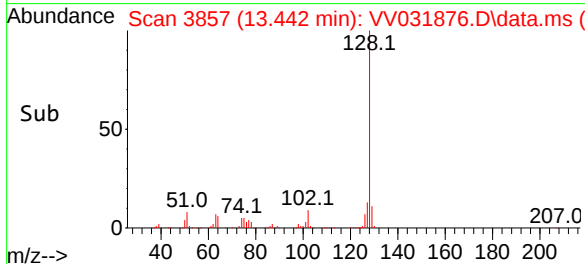
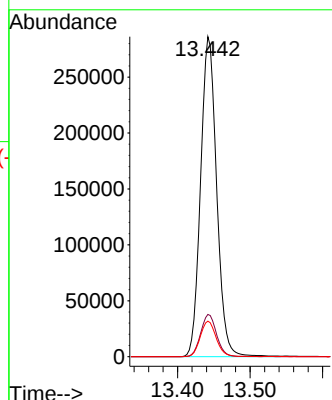
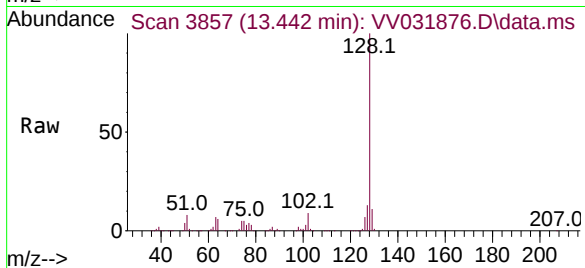
Tgt Ion:128 Resp: 440818

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.384 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031876.D

Acq: 23 Aug 2023 17:30

Tgt Ion:180 Resp: 135831

Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

145 34.1 27.7 41.5

