

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031859.D
 Acq On : 23 Aug 2023 10:45
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 01:29:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	277259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	271257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	145330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	175852	88.437	ug/L	0.00
7) Chloroethane-d5	1.526	69	155985	112.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	81818	114.829	ug/L	0.00
21) 2-Butanone-d5	3.783	46	288303	233.146	ug/L	0.00
24) Chloroform-d	4.249	84	392683	87.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	261975	94.582	ug/L	0.00
32) Benzene-d6	4.960	84	768770	90.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	248615	89.751	ug/L	0.00
41) Toluene-d8	7.246	98	709778	89.819	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	135135	108.936	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	161671	252.077	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	325917	93.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	276777	93.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	165935	75.562	ug/L	98
3) Chloromethane	1.214	50	172312	95.731	ug/L	99
5) Vinyl chloride	1.281	62	185270	97.206	ug/L	99
6) Bromomethane	1.478	94	115168	102.934	ug/L	99
8) Chloroethane	1.545	64	124993	117.948	ug/L	98
9) Trichlorofluoromethane	1.712	101	274042	96.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	164245	106.909	ug/L	100
12) 1,1-Dichloroethene	2.069	96	147919	113.015	ug/L	90
13) Acetone	2.111	43	220940	257.044	ug/L	100
14) Carbon disulfide	2.240	76	351460	101.808	ug/L	100
15) Methyl Acetate	2.371	43	220029	107.498	ug/L	98
16) Methylene chloride	2.445	84	185133	85.553	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	162125	94.492	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	689696	110.693	ug/L	100
19) 1,1-Dichloroethane	3.111	63	363226	98.627	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	203848	98.797	ug/L	99
22) 2-Butanone	3.863	43	328281	219.314	ug/L	98
23) Bromochloromethane	4.149	128	98597	91.863	ug/L	98
25) Chloroform	4.278	83	374662	90.581	ug/L	99
27) 1,2-Dichloroethane	5.040	62	298832	96.179	ug/L	100
29) Cyclohexane	4.584	56	288293	105.511	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	324831	81.690	ug/L	100
31) Carbon tetrachloride	4.738	117	268041	74.359	ug/L	98
33) Benzene	5.011	78	746078	93.565	ug/L	100
34) Trichloroethene	5.834	95	225574	85.532	ug/L	98
35) Methylcyclohexane	6.053	83	306598	96.775	ug/L	99
37) 1,2-Dichloropropane	6.095	63	210711	90.624	ug/L	100
38) Bromodichloromethane	6.432	83	301315	90.484	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	380426	112.418	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	680847	240.868	ug/L	99
42) Toluene	7.317	91	822624	98.678	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	362799	112.333	ug/L	99

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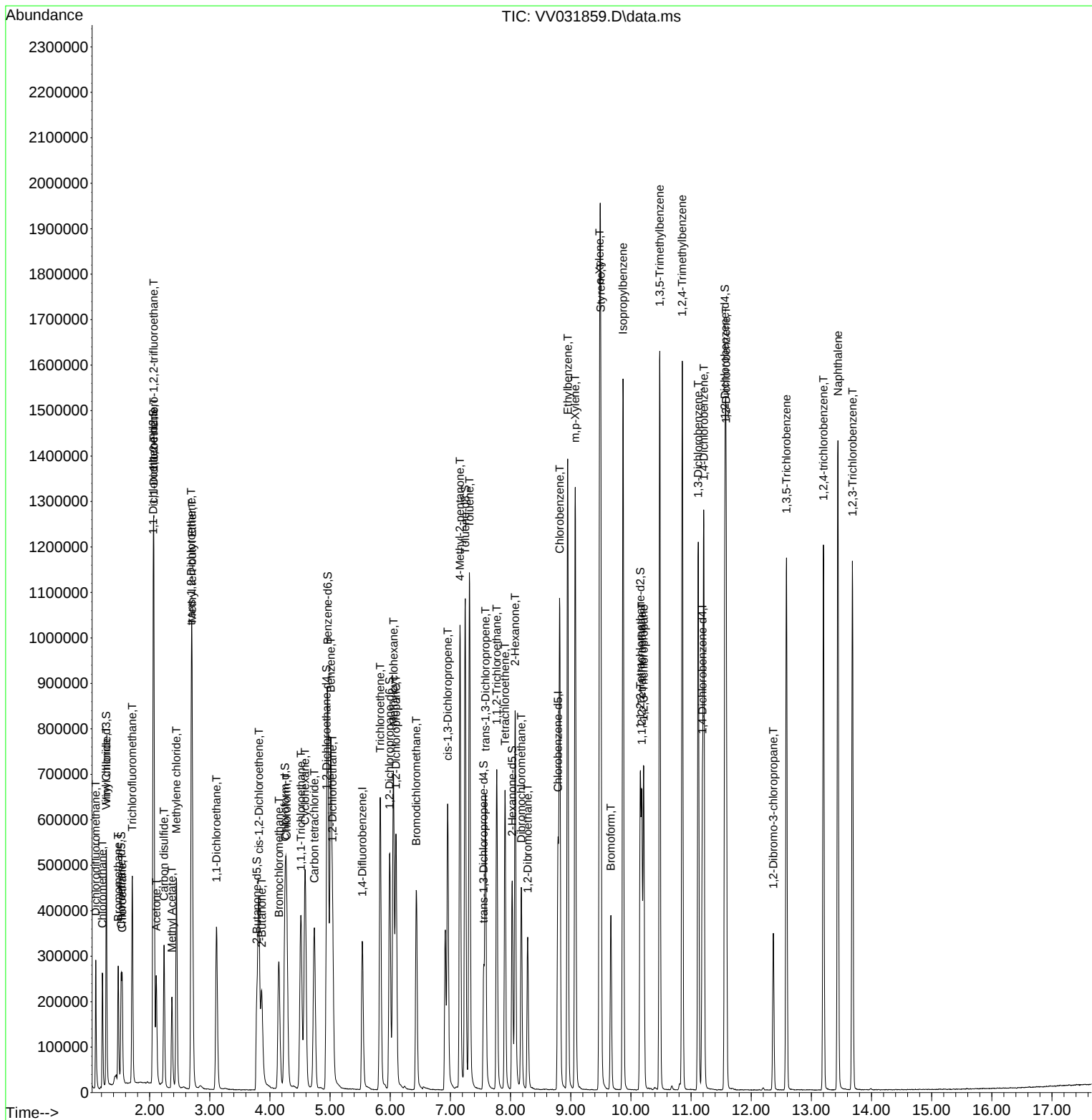
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 ClientSampleId :

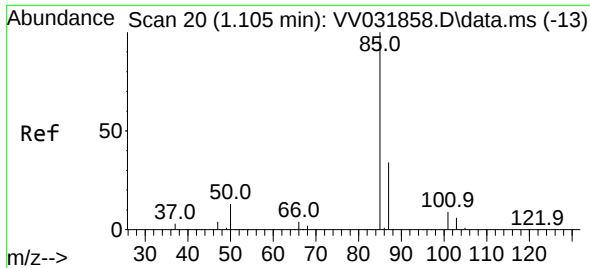
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	211746	95.641	ug/L	99
46) Tetrachloroethene	7.908	164	139167	83.704	ug/L	96
48) 2-Hexanone	8.075	43	517241	241.727	ug/L	99
49) Dibromochloromethane	8.178	129	224559	85.693	ug/L	99
50) 1,2-Dibromoethane	8.284	107	223503	89.016	ug/L	100
51) Chlorobenzene	8.815	112	541592	94.217	ug/L	99
52) Ethylbenzene	8.950	91	972544	103.135	ug/L	100
53) m,p-Xylene	9.075	106	360949	110.034	ug/L	98
54) o-Xylene	9.480	106	358535	119.085	ug/L	98
55) Styrene	9.500	104	642240	119.047	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	302556	98.983	ug/L	99
59) Bromoform	9.667	173	163264	96.643	ug/L	99
60) Isopropylbenzene	9.870	105	995709	120.731	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	280156	100.643	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	842515	127.024	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	851309	126.493	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	445398	100.396	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	450822	97.159	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	442514	98.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	88397	105.926	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	327533	88.865	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	320423	89.586	ug/L	99
71) Naphthalene	13.442	128	1058142	100.319	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	312374	83.740	ug/L	99

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

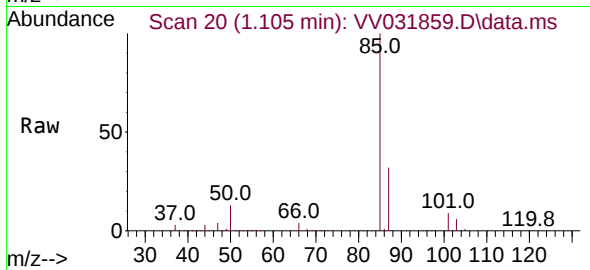
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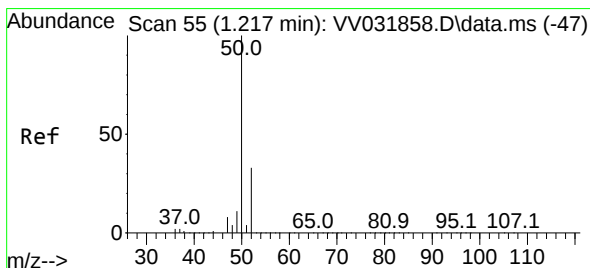
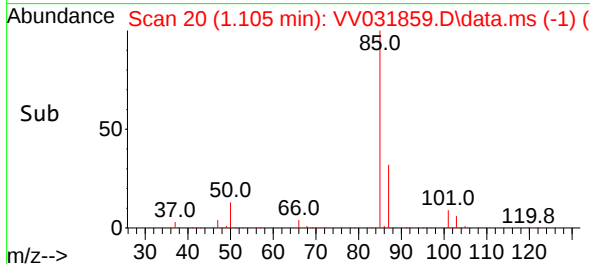
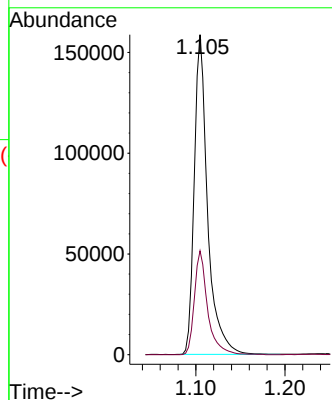


#2
 Dichlorodifluoromethane
 Concen: 75.562 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031859.D
 Acq: 23 Aug 2023 10:45

Instrument :
 MSVOA_V
 ClientSampleId :

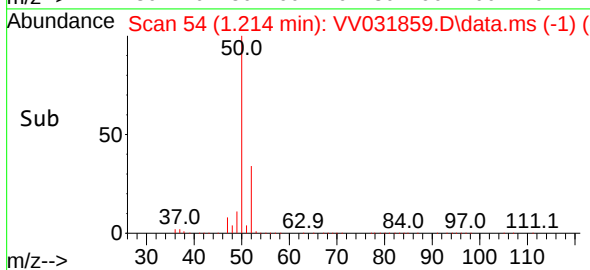
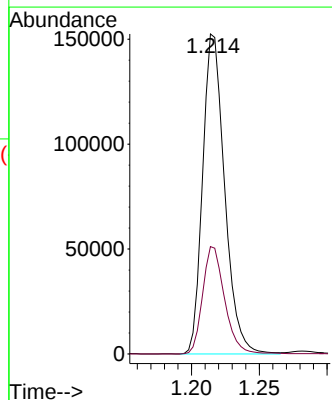
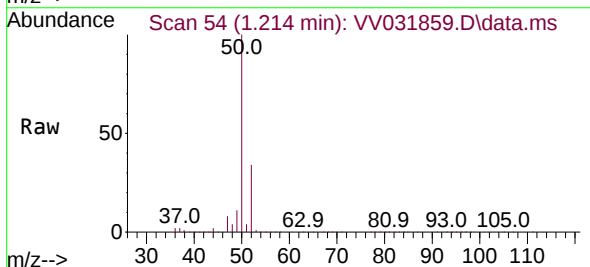


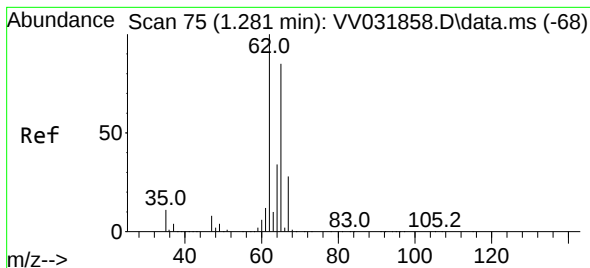
Tgt Ion: 85 Resp: 165935
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.8 40.2



#3
 Chloromethane
 Concen: 95.731 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV031859.D
 Acq: 23 Aug 2023 10:45

Tgt Ion: 50 Resp: 172312
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.6





#5

Vinyl chloride

Concen: 97.206 ug/L

RT: 1.281 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

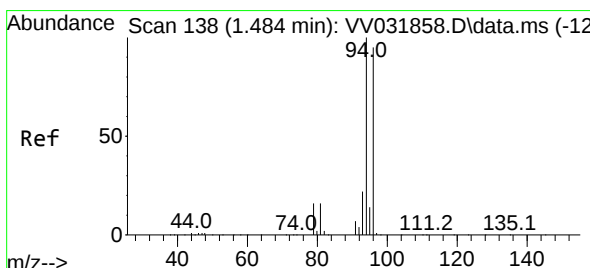
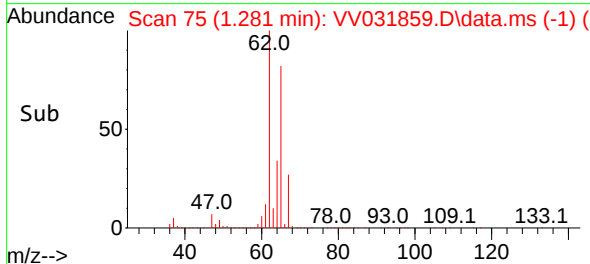
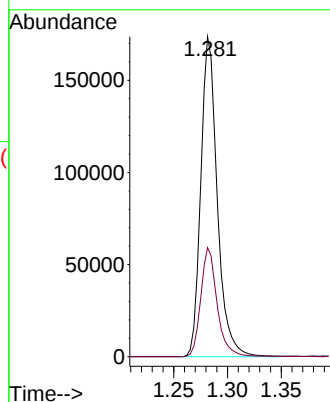
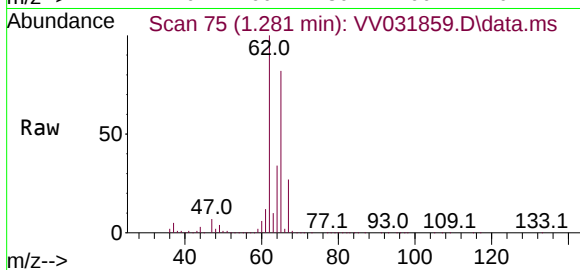
ClientSampleId :

Tgt Ion: 62 Resp: 185270

Ion Ratio Lower Upper

62 100

64 34.1 23.6 43.8



#6

Bromomethane

Concen: 102.934 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.006 min

Lab File: VV031859.D

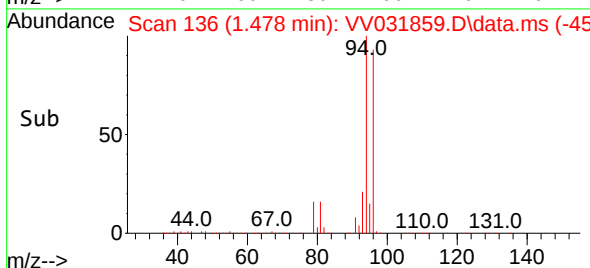
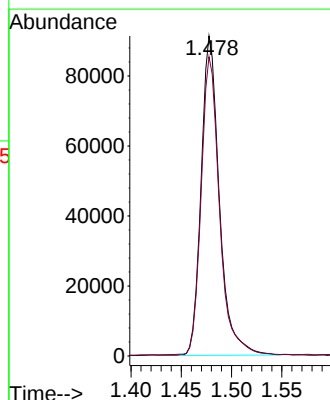
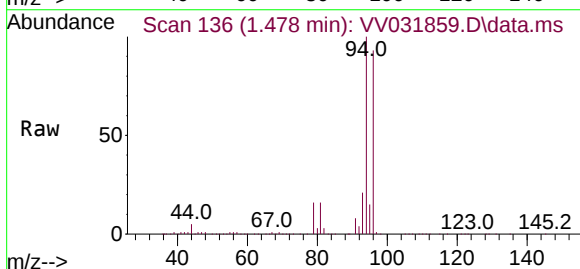
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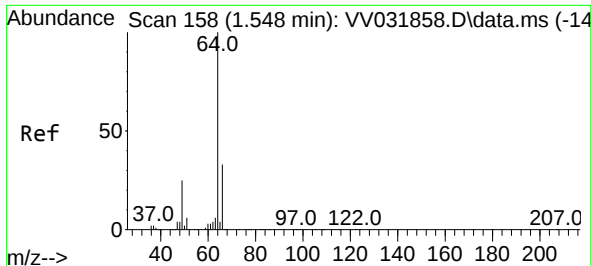
Tgt Ion: 94 Resp: 115168

Ion Ratio Lower Upper

94 100

96 93.5 66.4 123.4

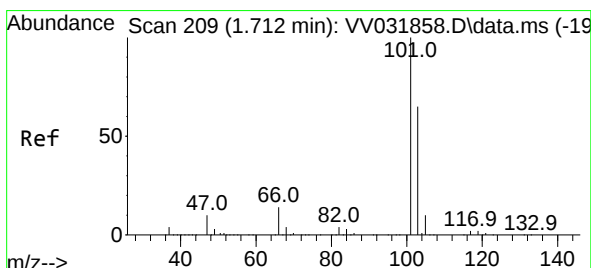
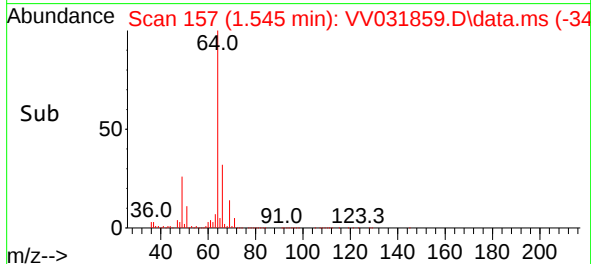
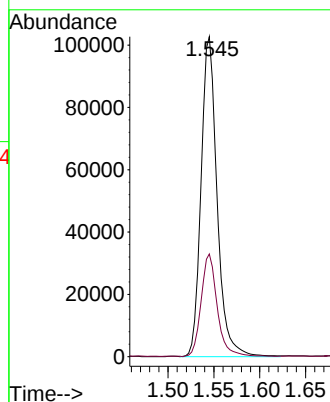
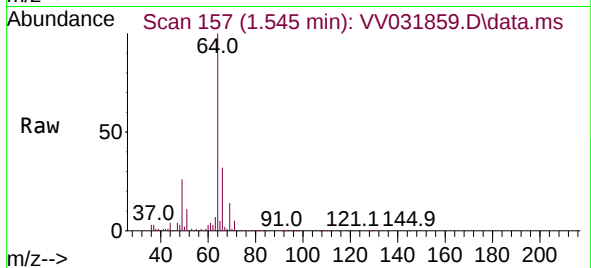




#8
Chloroethane
Concen: 117.948 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

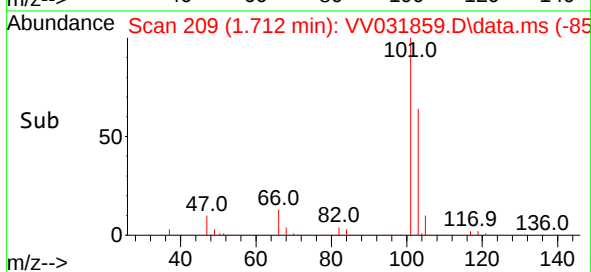
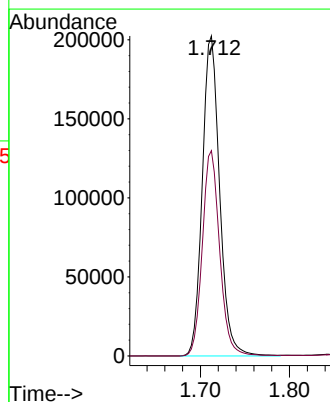
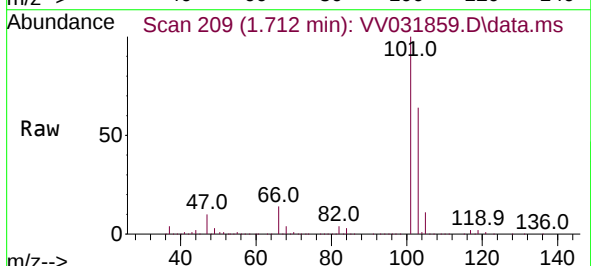
Instrument :
MSVOA_V
ClientSampleId :

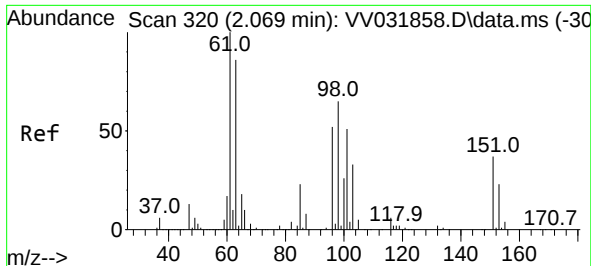
Tgt Ion: 64 Resp: 124993
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 96.436 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion:101 Resp: 274042
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9





#10

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

Concen: 106.909 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

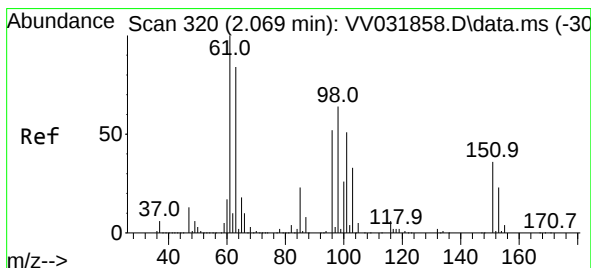
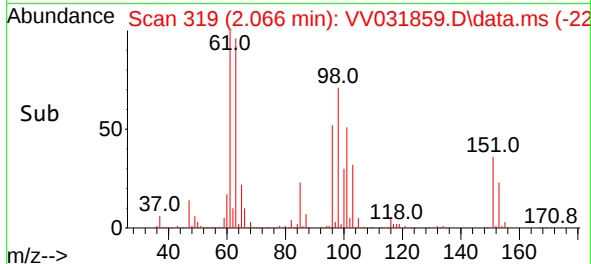
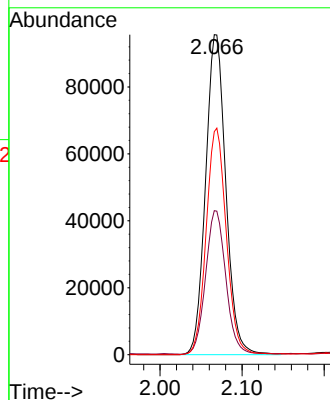
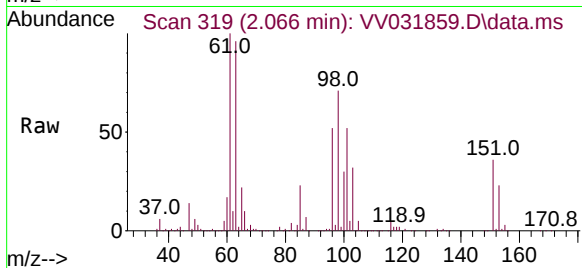
Tgt Ion:101 Resp: 164245

Ion Ratio Lower Upper

101 100

85 44.6 35.8 53.8

151 70.3 56.5 84.7



#12

1,1-Dichloroethene

Concen: 113.015 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

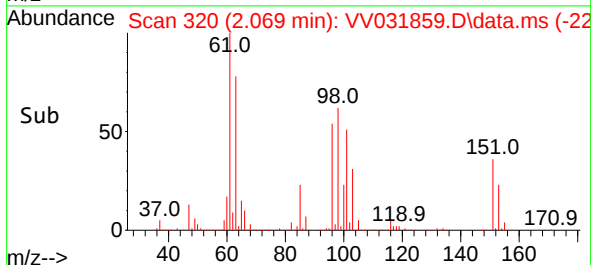
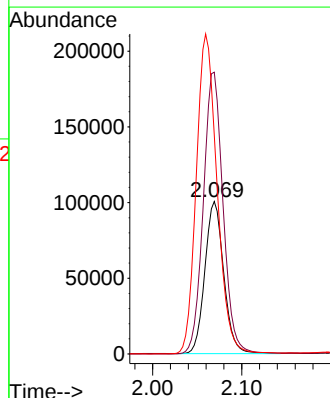
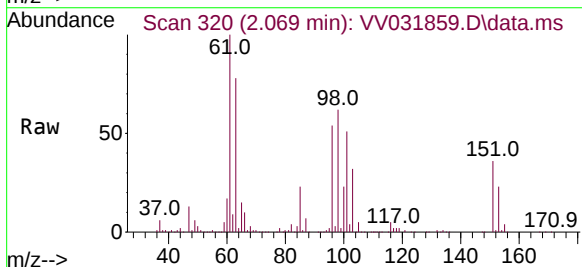
Tgt Ion: 96 Resp: 147919

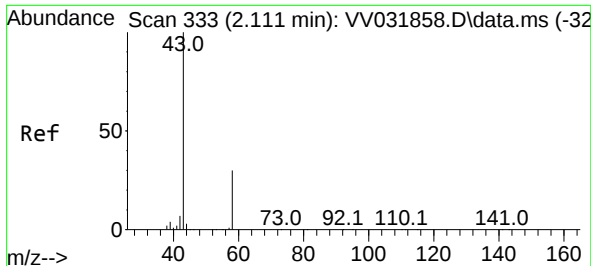
Ion Ratio Lower Upper

96 100

61 184.8 133.8 248.6

63 143.6 115.2 214.0





#13

Acetone

Concen: 257.044 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

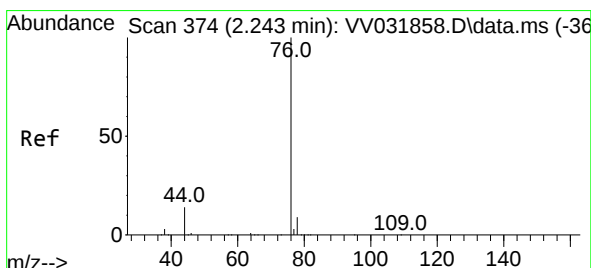
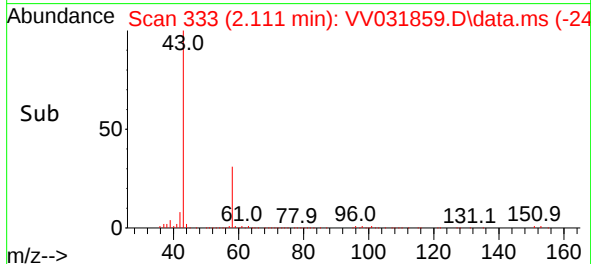
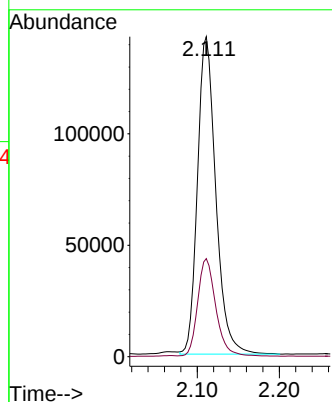
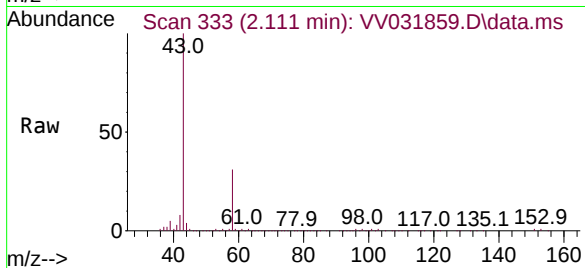
ClientSampleId :

Tgt Ion: 43 Resp: 220940

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.0



#14

Carbon disulfide

Concen: 101.808 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV031859.D

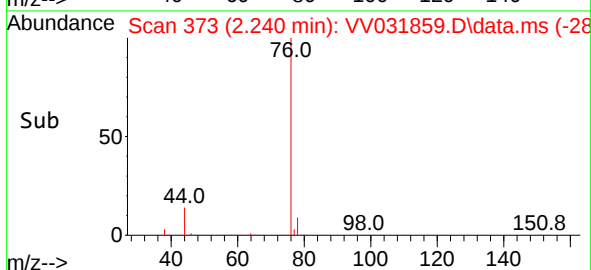
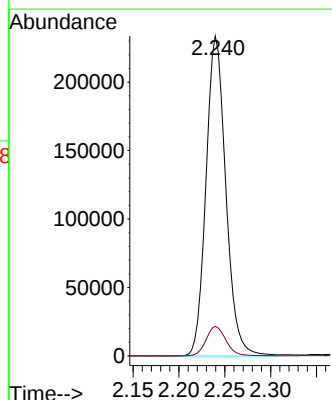
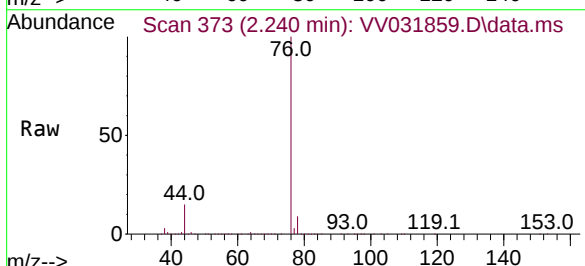
Acq: 23 Aug 2023 10:45

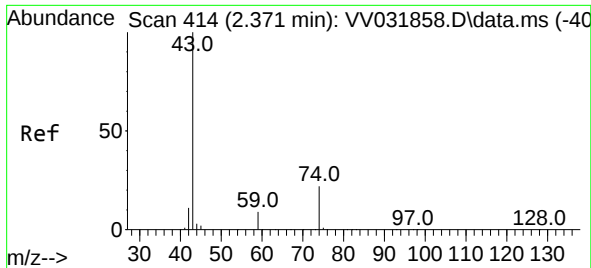
Tgt Ion: 76 Resp: 351460

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

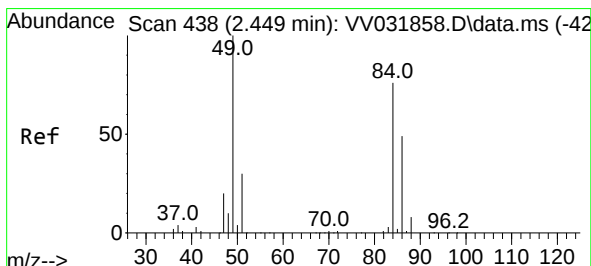
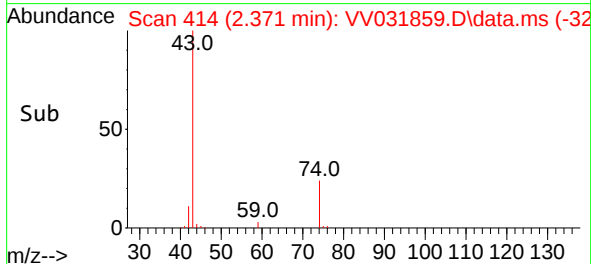
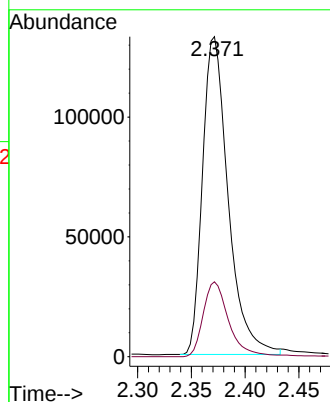
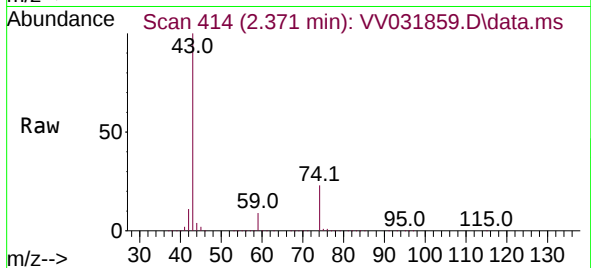




#15
Methyl Acetate
Concen: 107.498 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

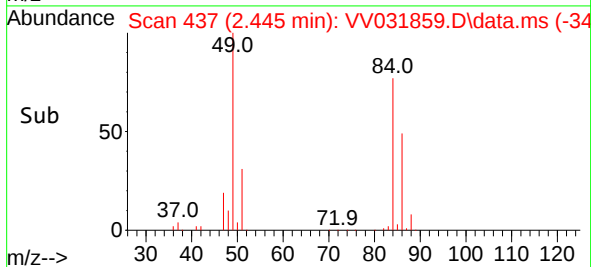
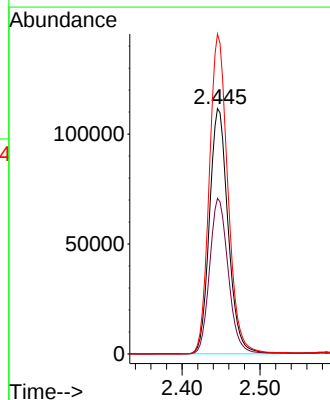
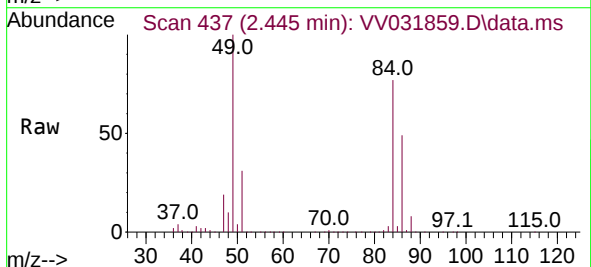
Instrument :
MSVOA_V
ClientSampleId :

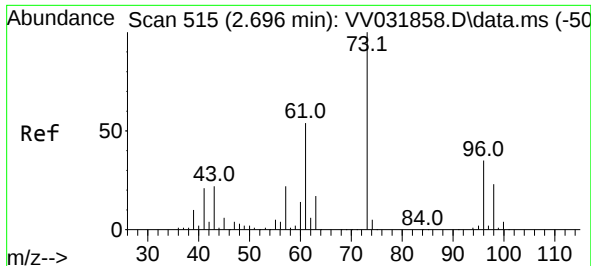
Tgt Ion: 43 Resp: 220029
Ion Ratio Lower Upper
43 100
74 23.4 17.9 26.9



#16
Methylene chloride
Concen: 85.553 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 84 Resp: 185133
Ion Ratio Lower Upper
84 100
86 63.4 44.6 82.8
49 130.3 91.6 170.2

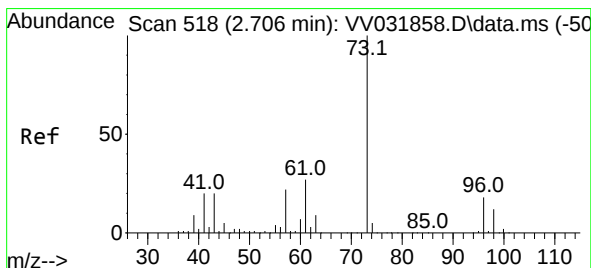
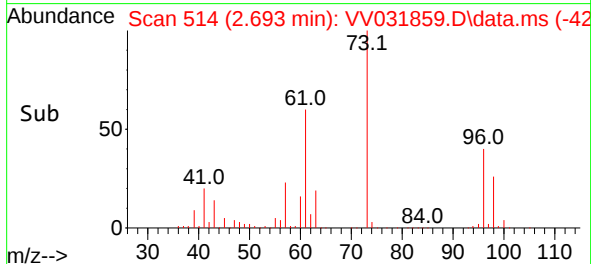
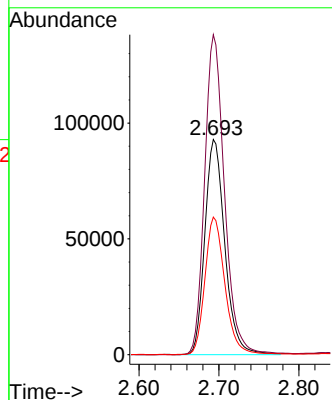
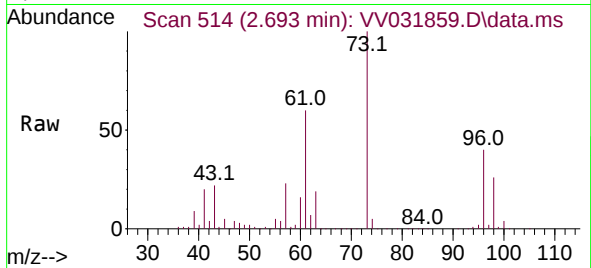




#17
trans-1,2-Dichloroethene
Concen: 94.492 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

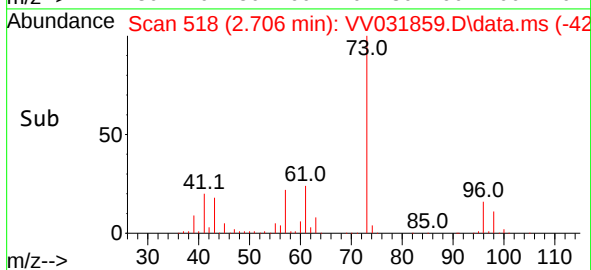
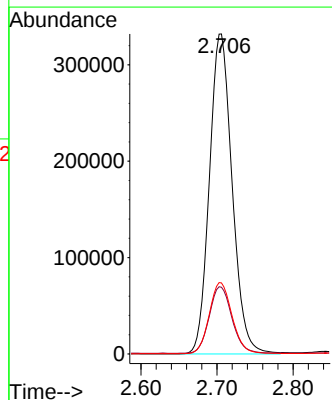
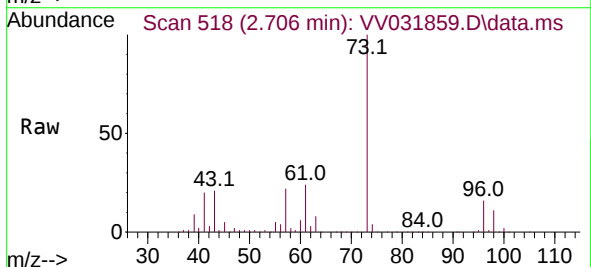
Instrument :
MSVOA_V
ClientSampleId :

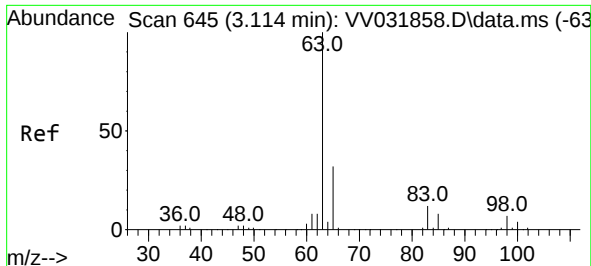
Tgt Ion: 96 Resp: 162125
Ion Ratio Lower Upper
96 100
61 148.7 107.3 199.3
98 63.9 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 110.693 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 73 Resp: 689696
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 98.627 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

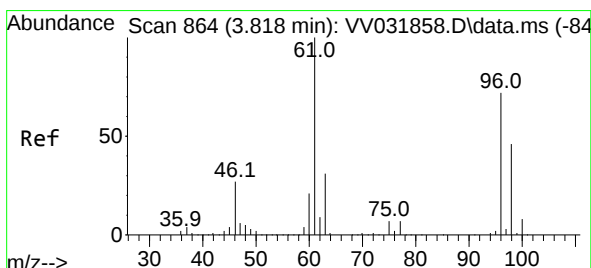
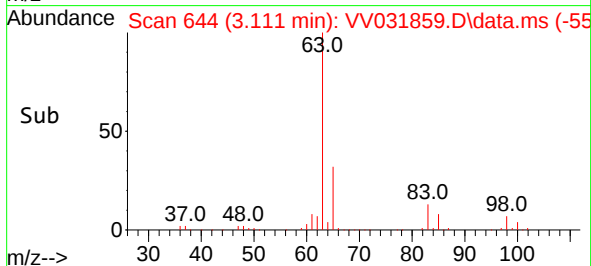
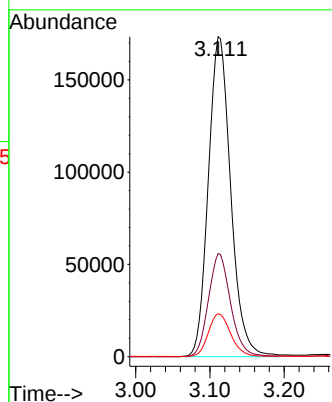
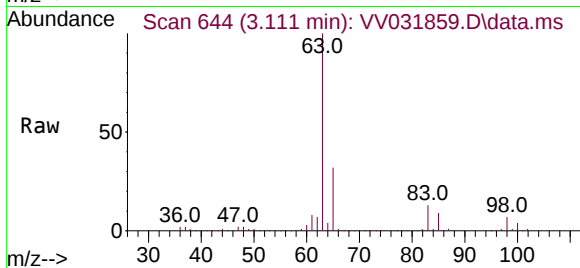
Tgt Ion: 63 Resp: 363226

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 98.797 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

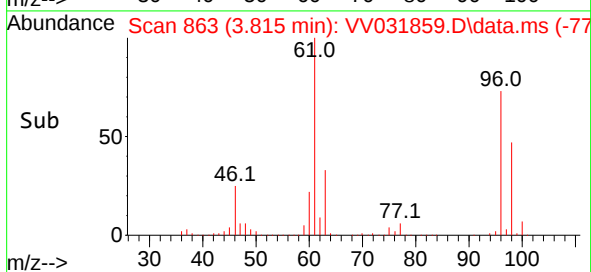
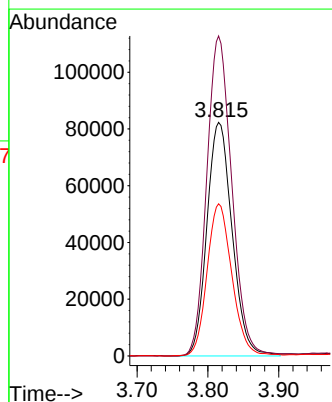
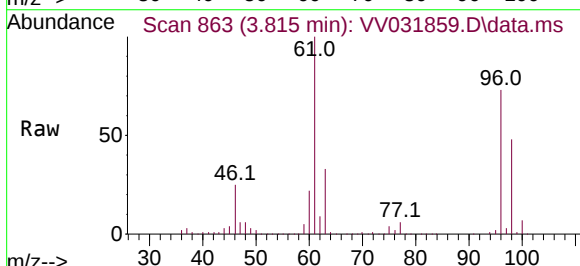
Tgt Ion: 96 Resp: 203848

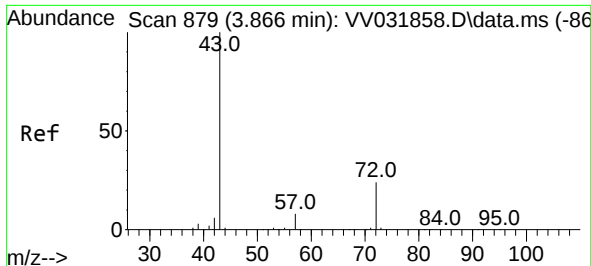
Ion Ratio Lower Upper

96 100

61 137.0 97.3 180.7

98 65.2 45.3 84.1

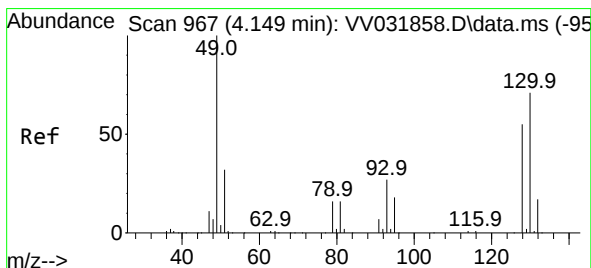
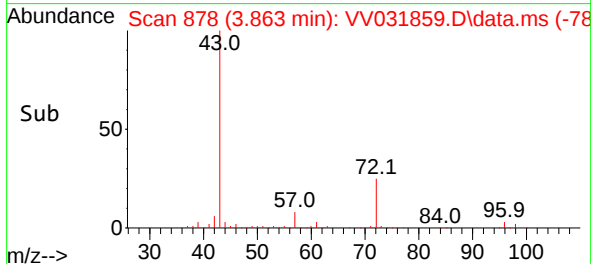
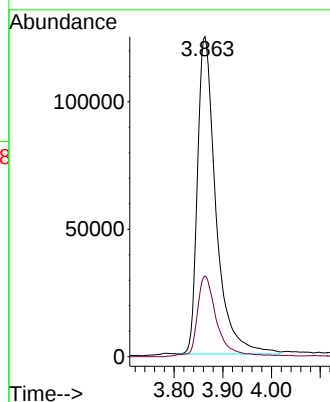
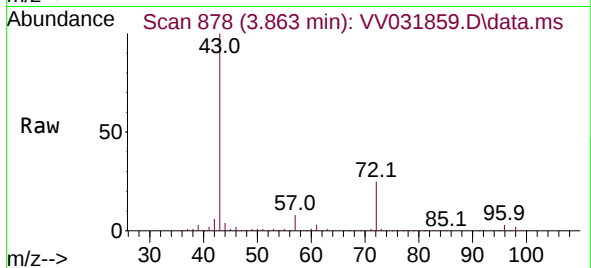




#22
2-Butanone
Concen: 219.314 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

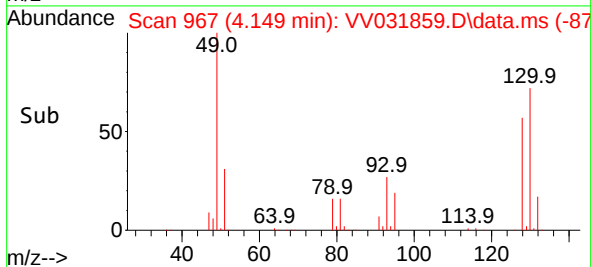
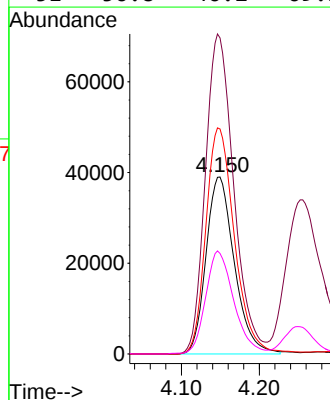
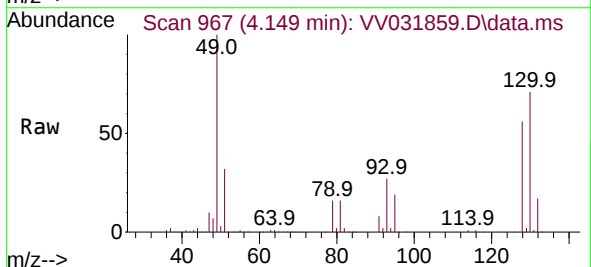
Instrument :
MSVOA_V
ClientSampleId :

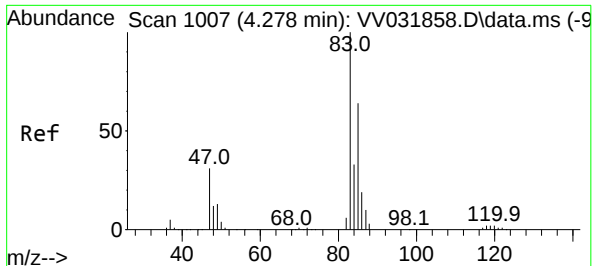
Tgt Ion: 43 Resp: 328281
Ion Ratio Lower Upper
43 100
72 26.1 12.6 37.8



#23
Bromochloromethane
Concen: 91.863 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion:128 Resp: 98597
Ion Ratio Lower Upper
128 100
49 178.7 127.8 237.4
130 127.1 90.1 167.3
51 56.8 46.2 69.2

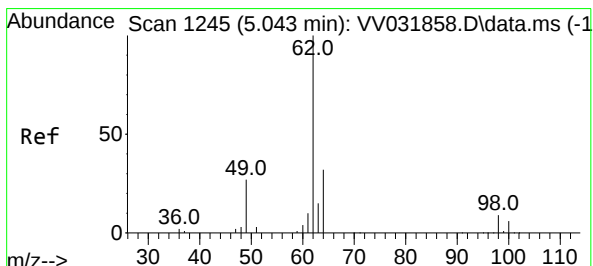
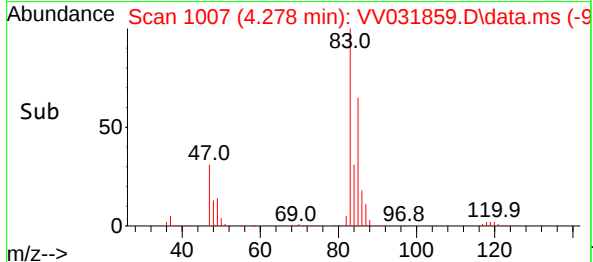
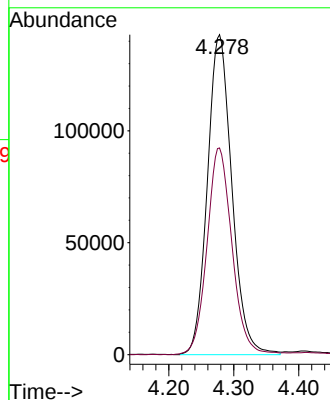
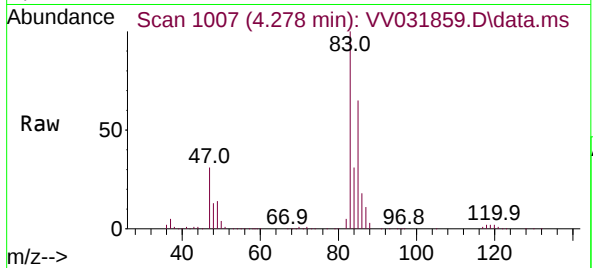




#25
Chloroform
Concen: 90.581 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

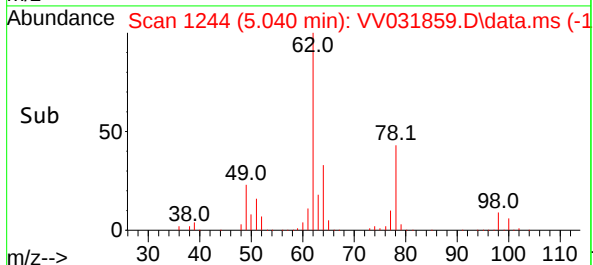
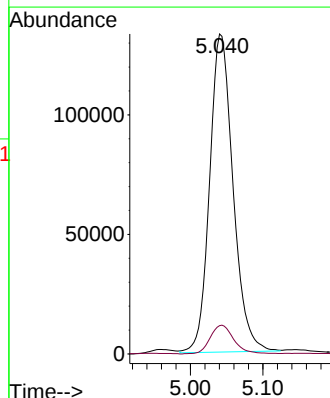
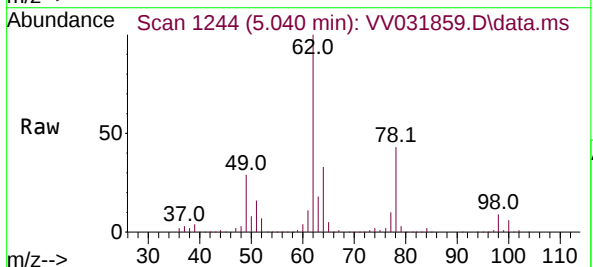
Instrument :
MSVOA_V
ClientSampleId :

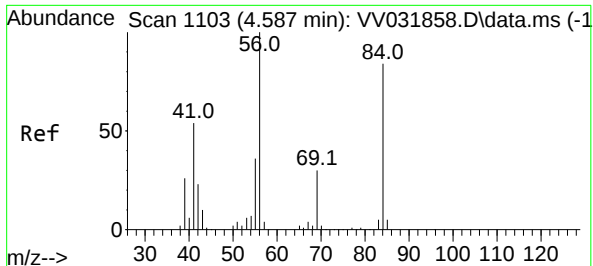
Tgt Ion: 83 Resp: 374662
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3



#27
1,2-Dichloroethane
Concen: 96.179 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 62 Resp: 298832
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.4





#29

Cyclohexane

Concen: 105.511 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

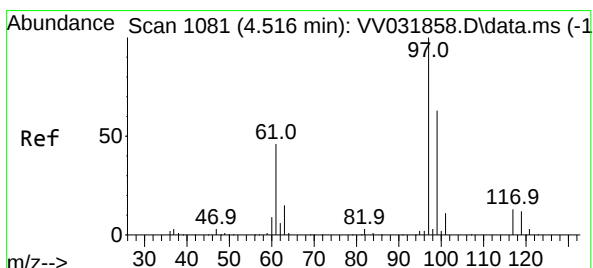
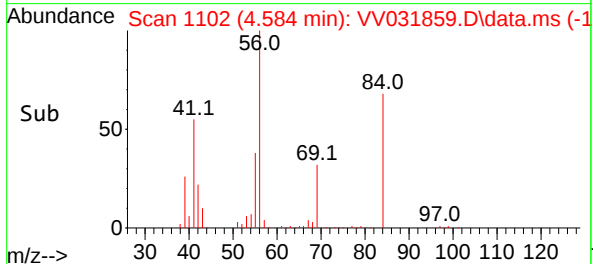
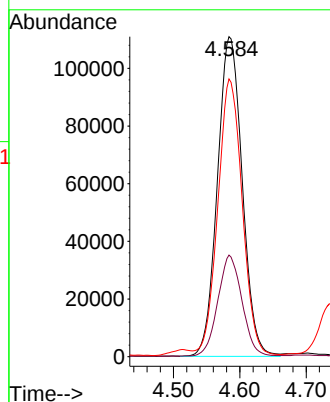
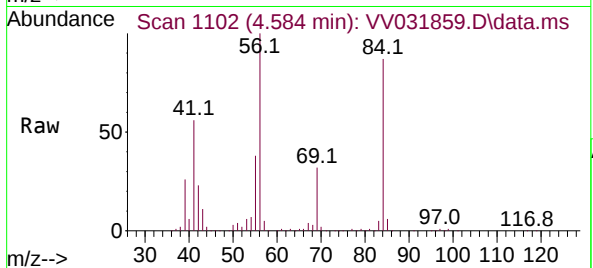
Tgt Ion: 56 Resp: 288293

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

84 85.0 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 81.690 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

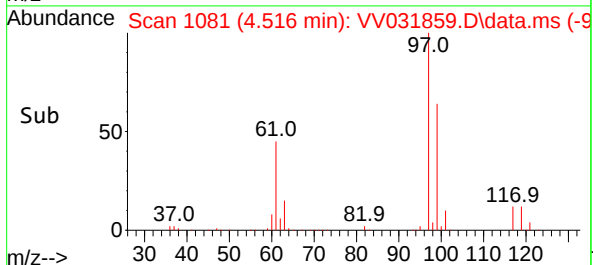
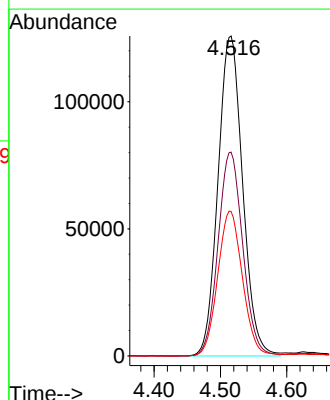
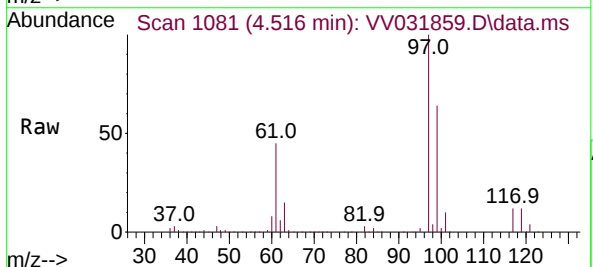
Tgt Ion: 97 Resp: 324831

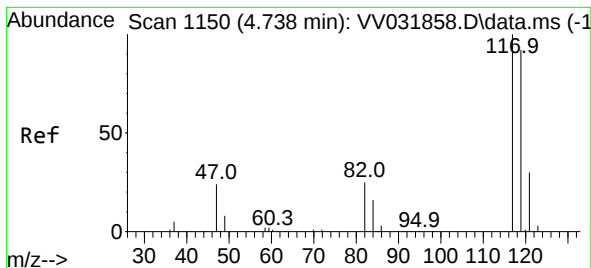
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 45.6 36.5 54.7





#31

Carbon tetrachloride

Concen: 74.359 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

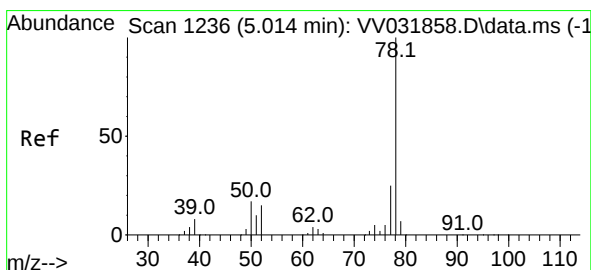
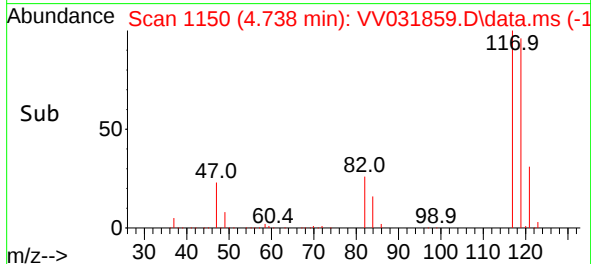
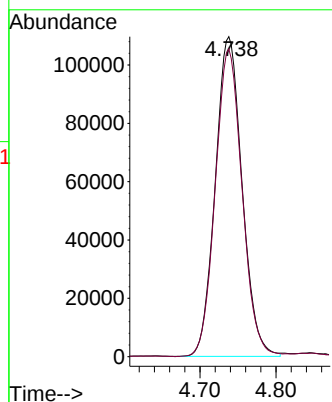
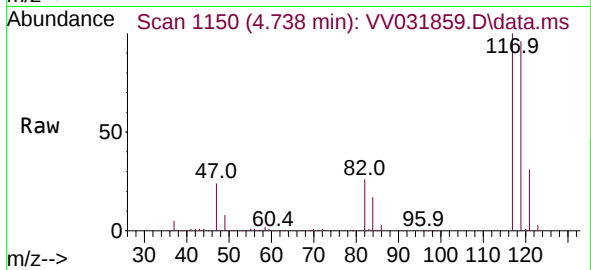
ClientSampleId :

Tgt Ion:117 Resp: 268041

Ion Ratio Lower Upper

117 100

119 96.6 75.4 113.2



#33

Benzene

Concen: 93.565 ug/L

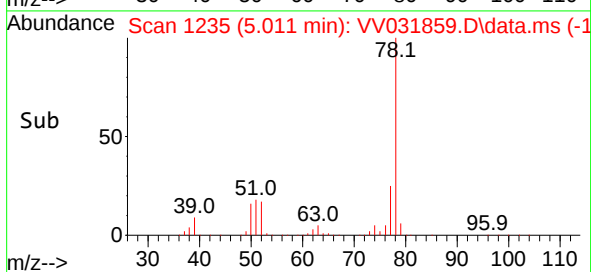
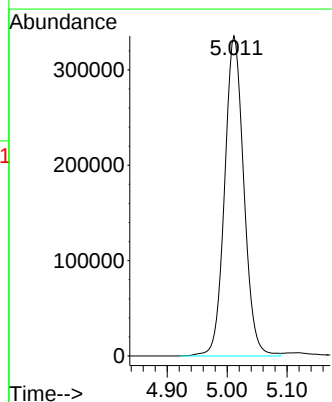
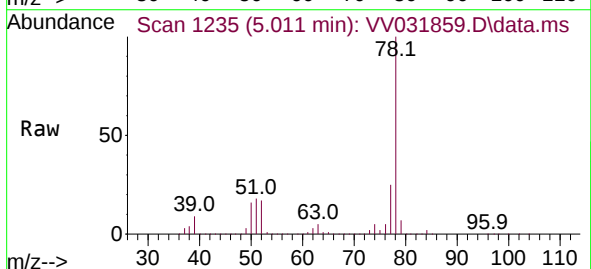
RT: 5.011 min Scan# 1235

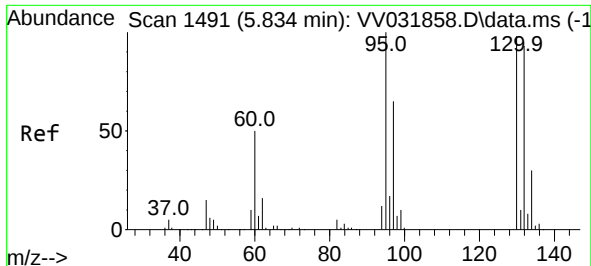
Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Tgt Ion: 78 Resp: 746078

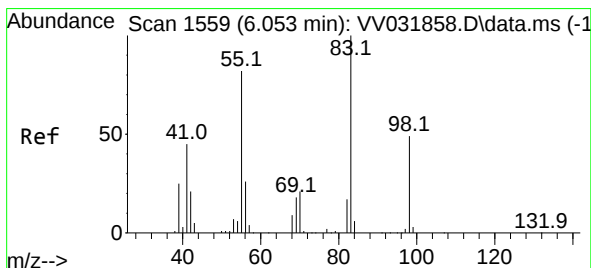
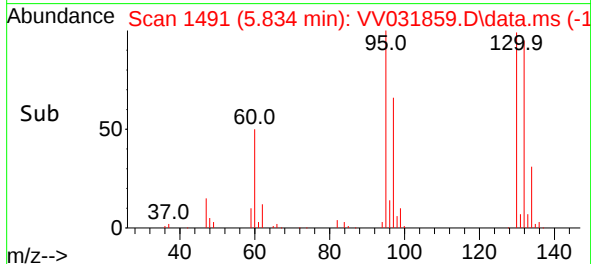
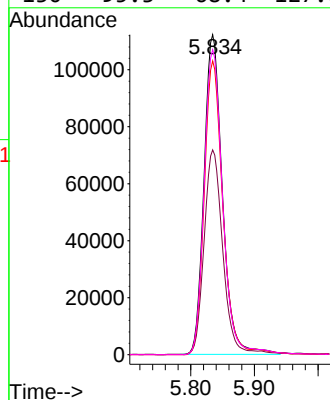
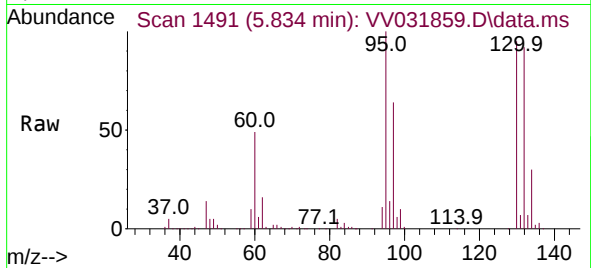




#34
Trichloroethene
Concen: 85.532 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

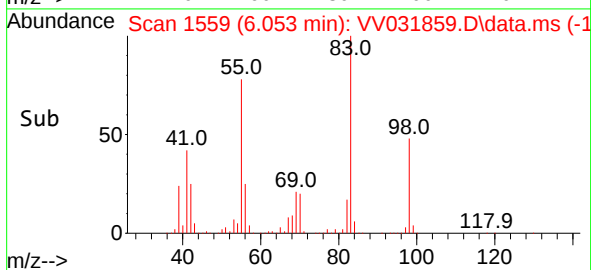
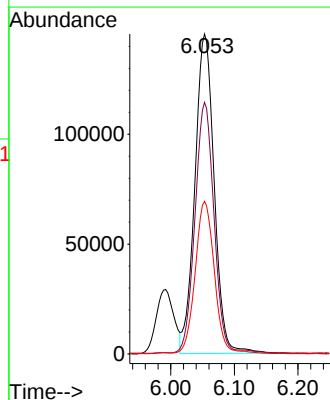
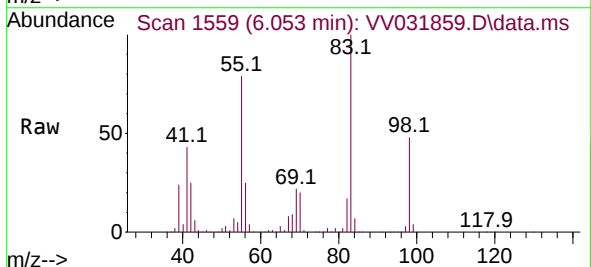
Instrument :
MSVOA_V
ClientSampleId :

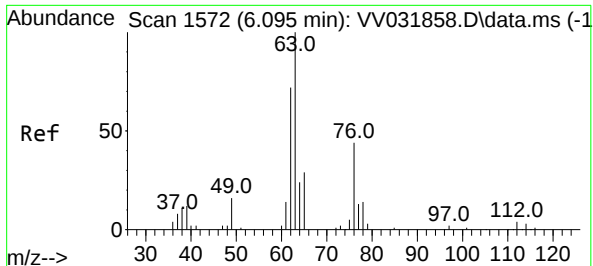
Tgt Ion: 95 Resp: 225574
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.2
132 91.8 65.4 121.4
130 95.3 68.4 127.0



#35
Methylcyclohexane
Concen: 96.775 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 83 Resp: 306598
Ion Ratio Lower Upper
83 100
55 77.0 62.2 93.2
98 47.1 36.7 55.1





#37

1,2-Dichloropropane

Concen: 90.624 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

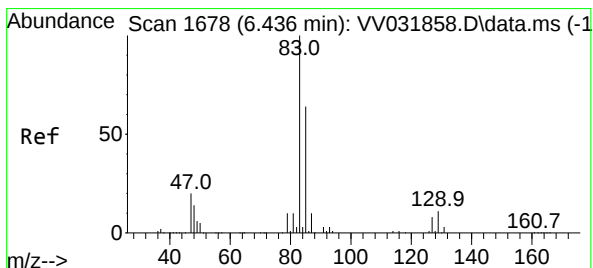
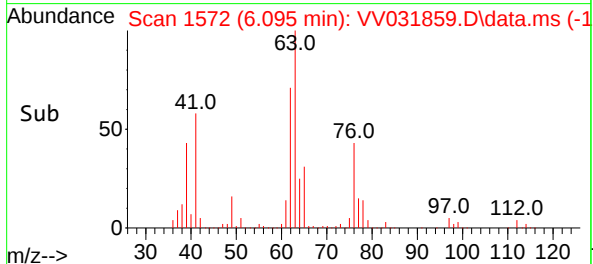
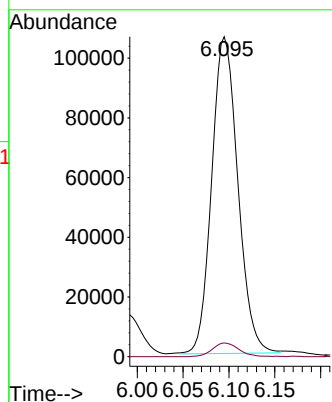
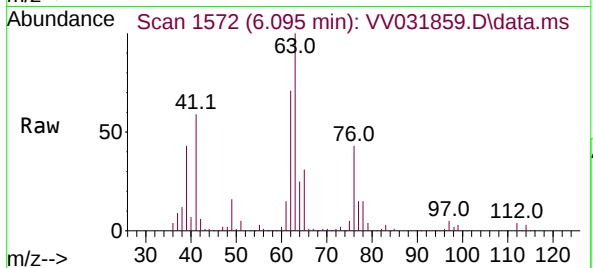
ClientSampleId :

Tgt Ion: 63 Resp: 210711

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 90.484 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

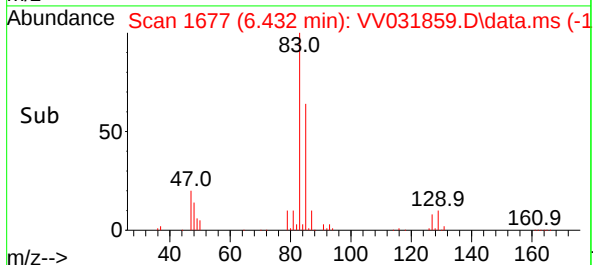
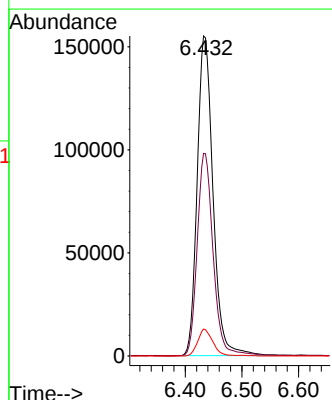
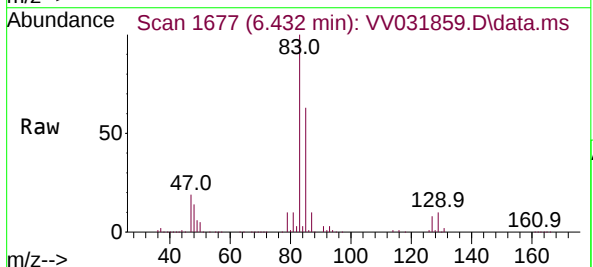
Tgt Ion: 83 Resp: 301315

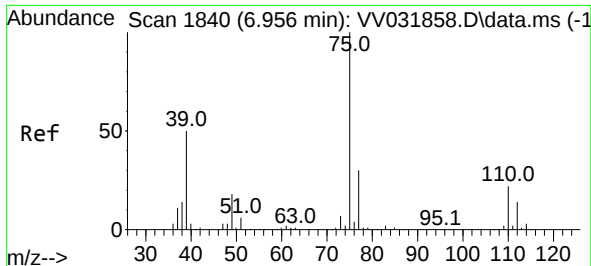
Ion Ratio Lower Upper

83 100

85 63.3 45.2 84.0

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 112.418 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

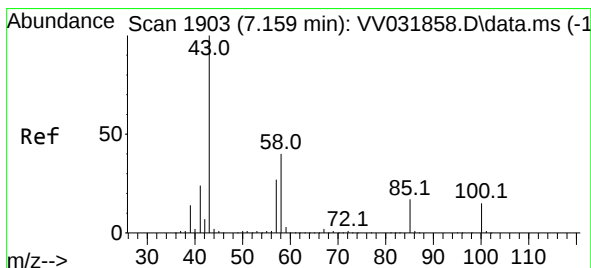
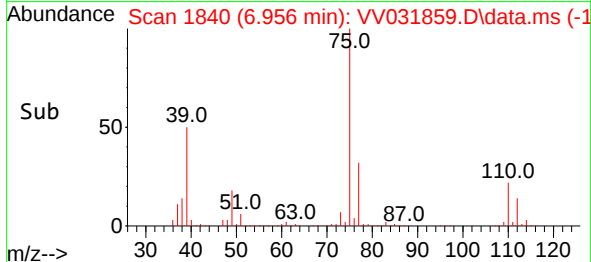
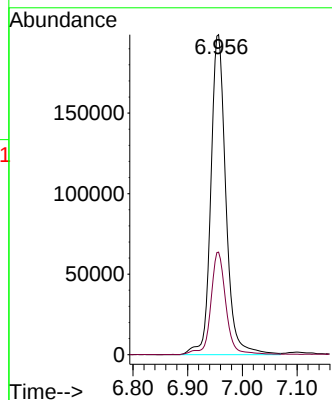
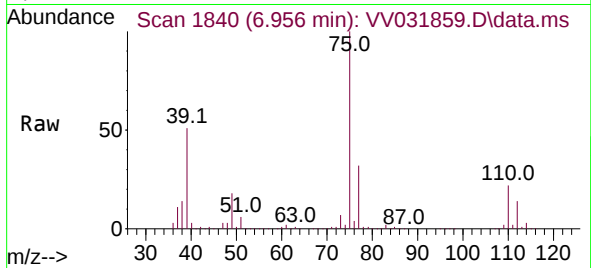
ClientSampleId :

Tgt Ion: 75 Resp: 380426

Ion Ratio Lower Upper

75 100

77 32.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 240.868 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

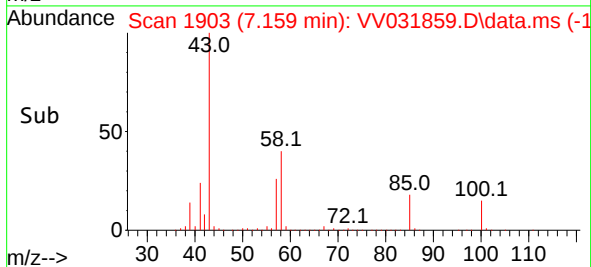
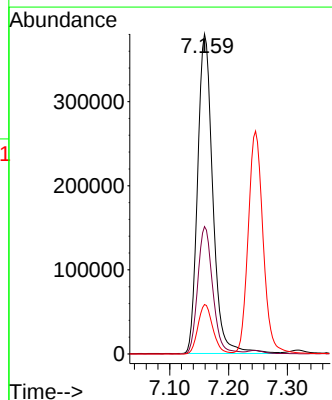
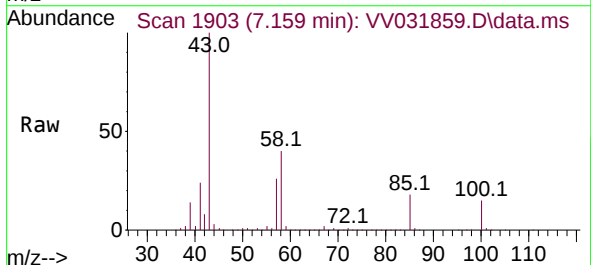
Tgt Ion: 43 Resp: 680847

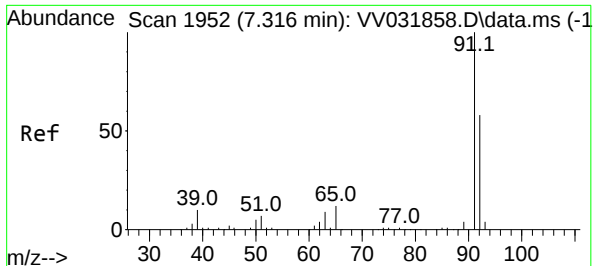
Ion Ratio Lower Upper

43 100

58 39.5 31.1 46.7

100 15.2 11.9 17.9





#42

Toluene

Concen: 98.678 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

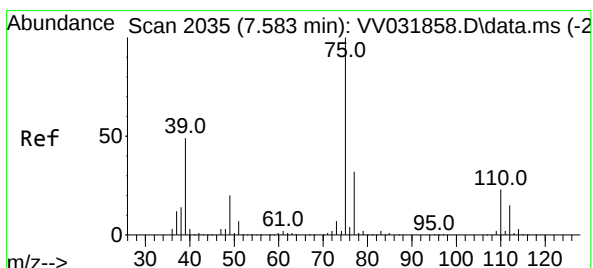
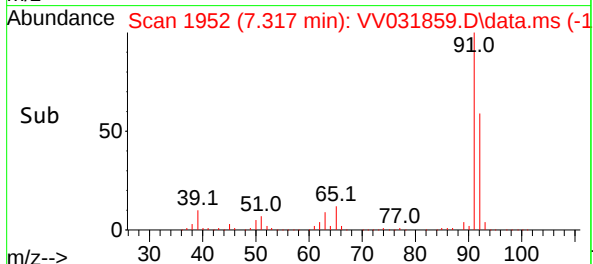
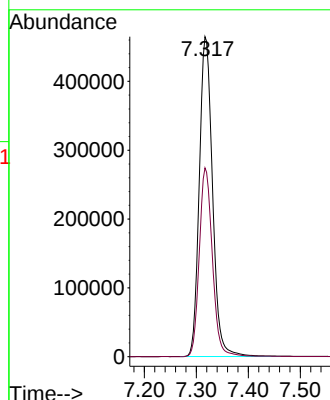
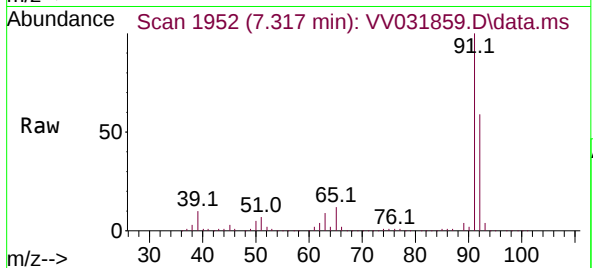
ClientSampleId :

Tgt Ion: 91 Resp: 822624

Ion Ratio Lower Upper

91 100

92 59.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 112.333 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031859.D

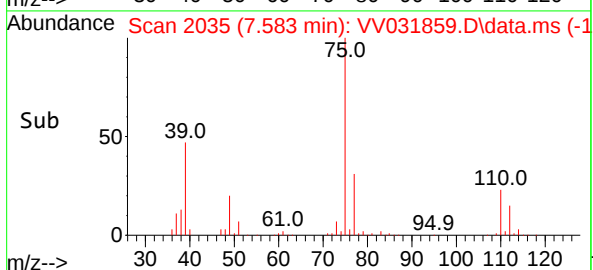
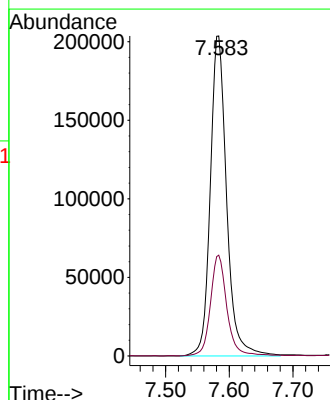
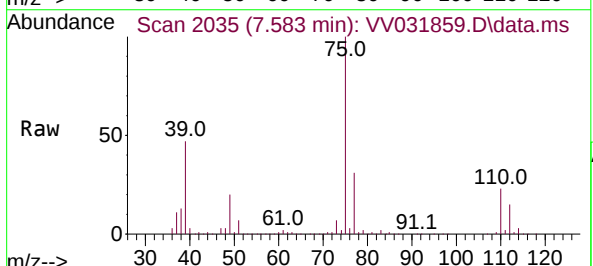
Acq: 23 Aug 2023 10:45

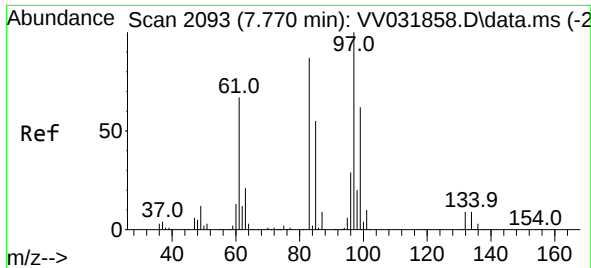
Tgt Ion: 75 Resp: 362799

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



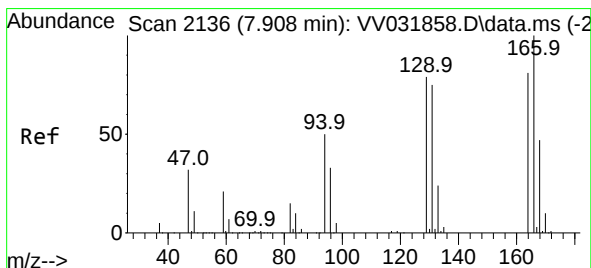
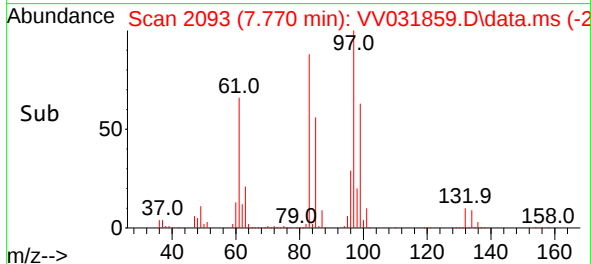
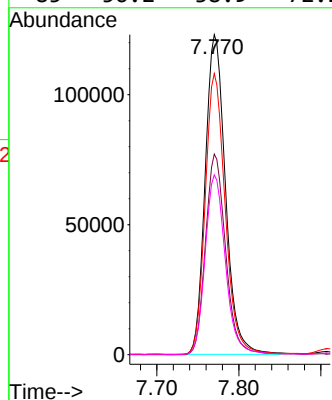
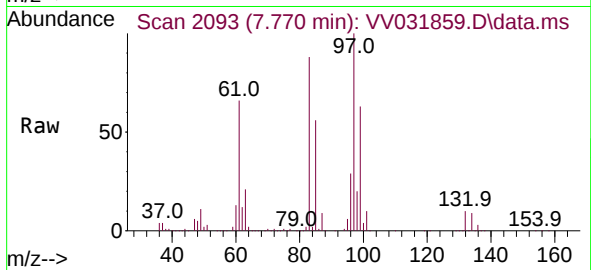


#45
1,1,2-Trichloroethane
Concen: 95.641 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 211746

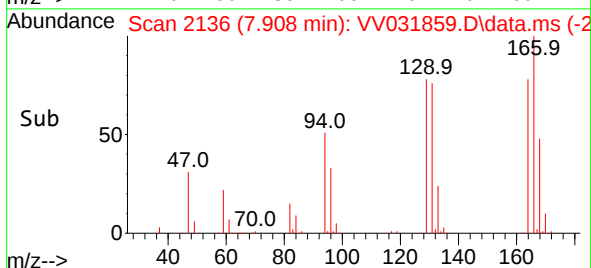
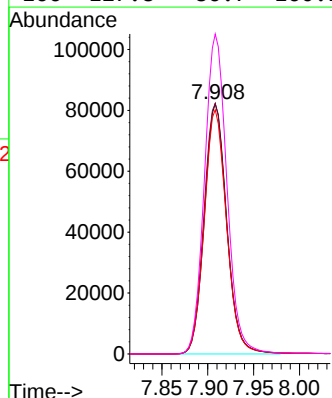
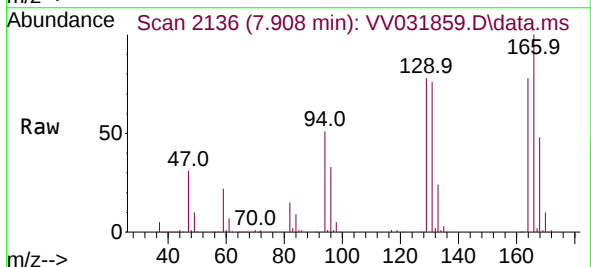
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.0	79.8
83	87.9	61.2	113.6
85	56.2	38.9	72.2

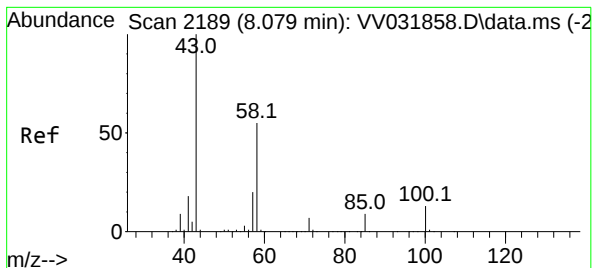


#46
Tetrachloroethene
Concen: 83.704 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 164 Resp: 139167

Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.3	126.9
131	97.5	64.9	120.5
166	127.8	86.7	160.9





#48

2-Hexanone

Concen: 241.727 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

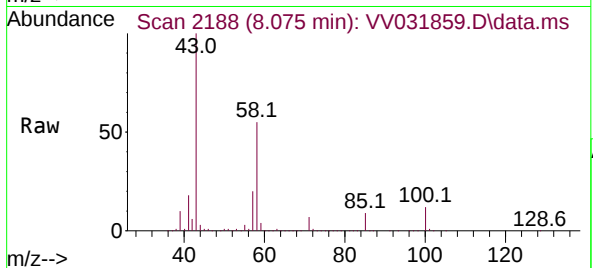
Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 517241

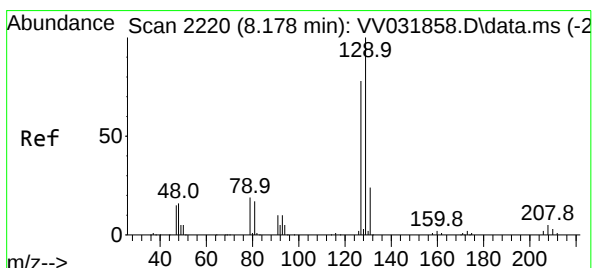
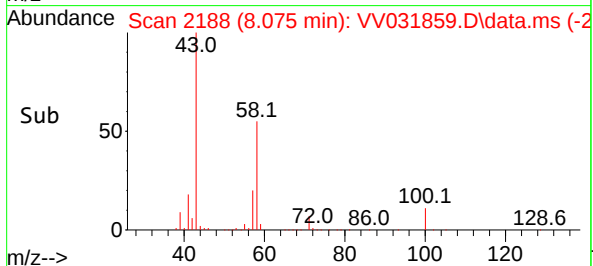
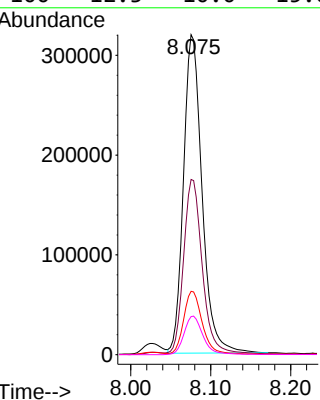
Ion Ratio Lower Upper

43 100

58 55.6 44.0 66.0

57 19.4 15.9 23.9

100 12.3 10.0 15.0



#49

Dibromochloromethane

Concen: 85.693 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.000 min

Lab File: VV031859.D

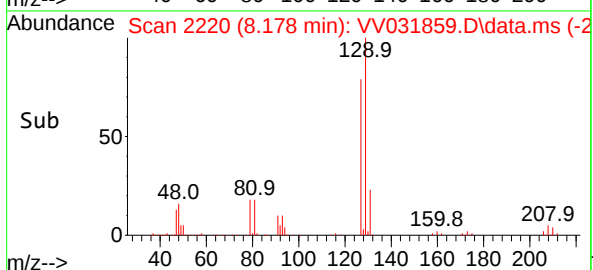
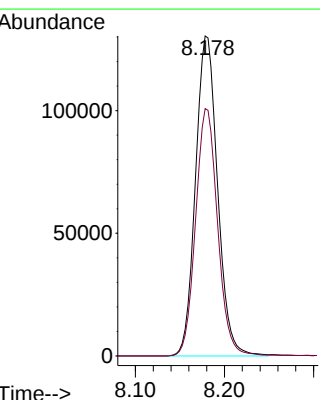
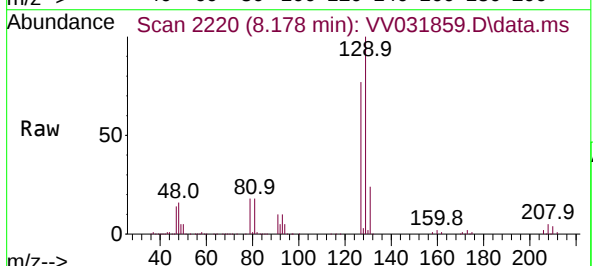
Acq: 23 Aug 2023 10:45

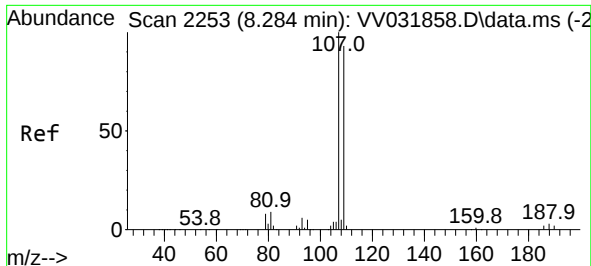
Tgt Ion:129 Resp: 224559

Ion Ratio Lower Upper

129 100

127 77.3 54.7 101.7





#50

1,2-Dibromoethane

Concen: 89.016 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

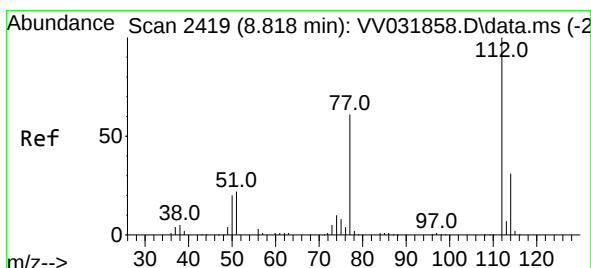
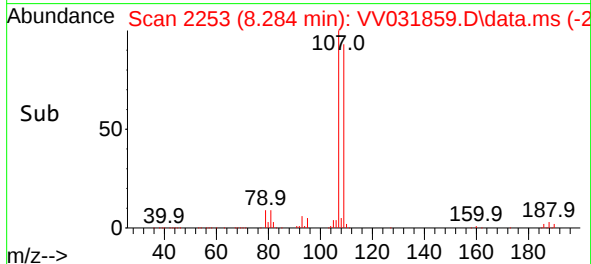
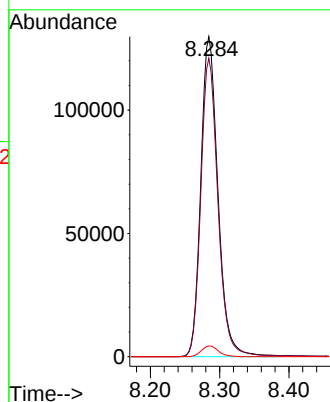
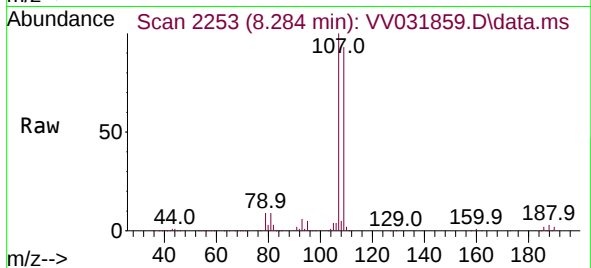
Tgt Ion:107 Resp: 223503

Ion Ratio Lower Upper

107 100

109 93.3 65.4 121.4

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 94.217 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.003 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

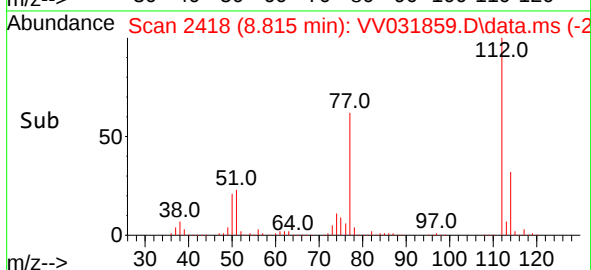
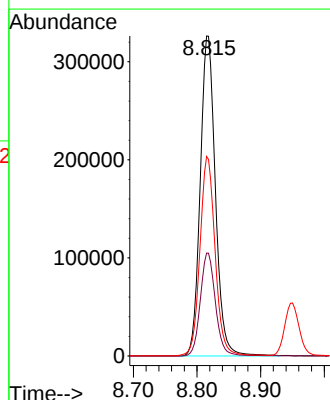
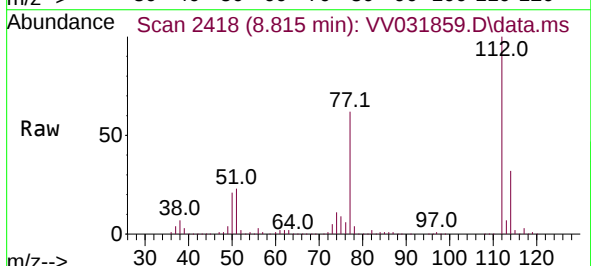
Tgt Ion:112 Resp: 541592

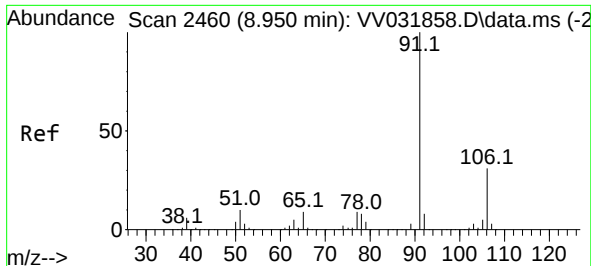
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 62.4 49.4 74.0





#52

Ethylbenzene

Concen: 103.135 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

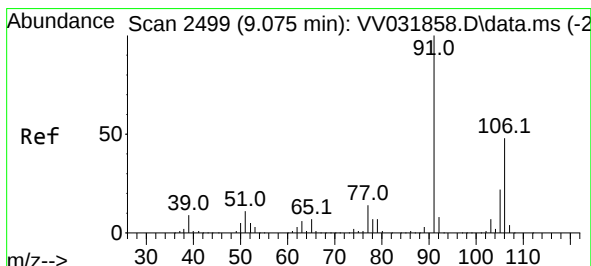
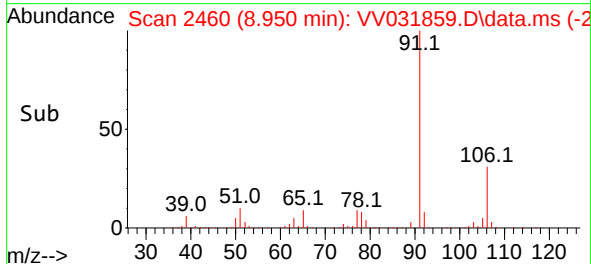
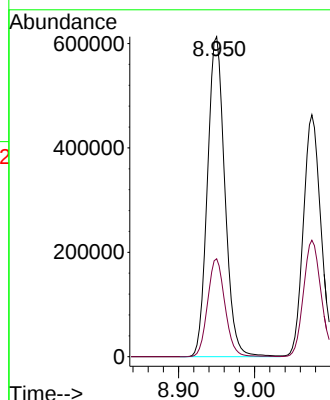
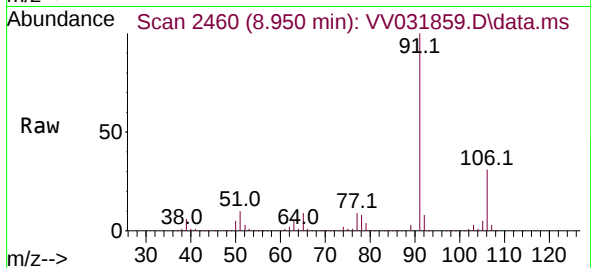
ClientSampleId :

Tgt Ion: 91 Resp: 972544

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 110.034 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031859.D

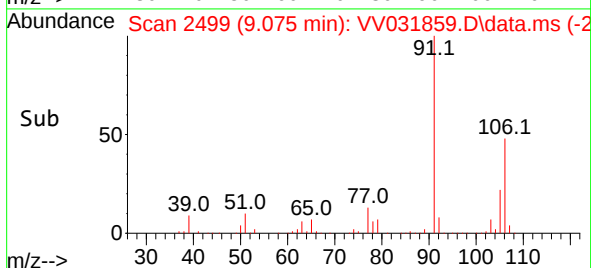
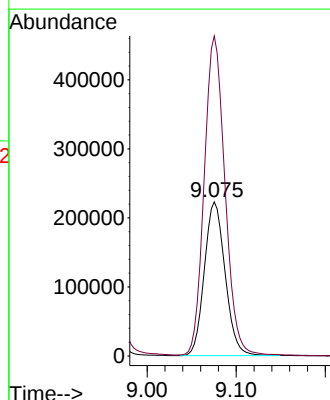
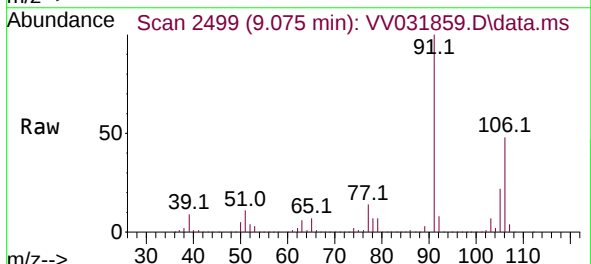
Acq: 23 Aug 2023 10:45

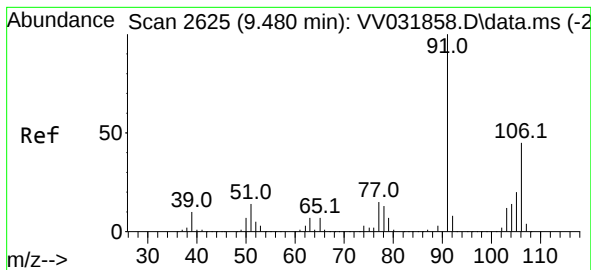
Tgt Ion:106 Resp: 360949

Ion Ratio Lower Upper

106 100

91 207.6 147.0 273.0





#54

o-Xylene

Concen: 119.085 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

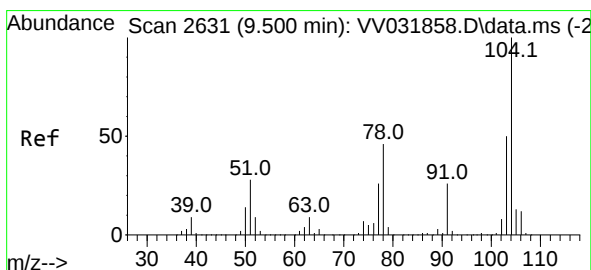
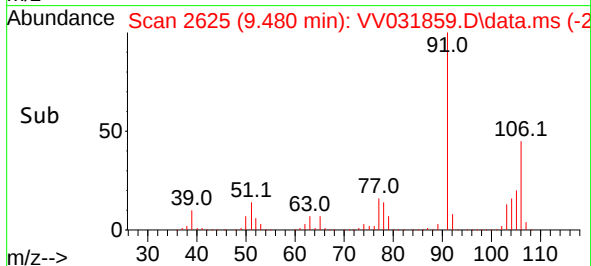
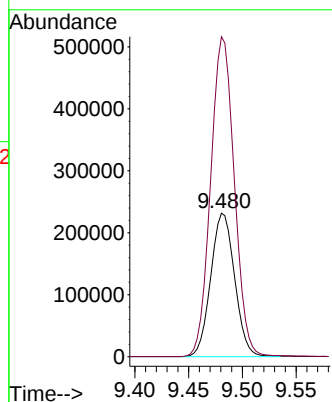
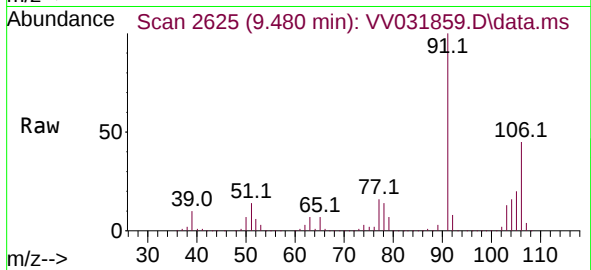
ClientSampleId :

Tgt Ion:106 Resp: 358535

Ion Ratio Lower Upper

106 100

91 223.0 154.3 286.5



#55

Styrene

Concen: 119.047 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.000 min

Lab File: VV031859.D

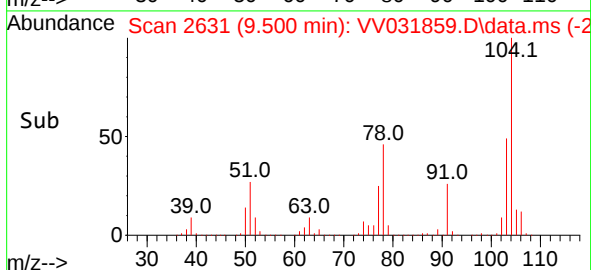
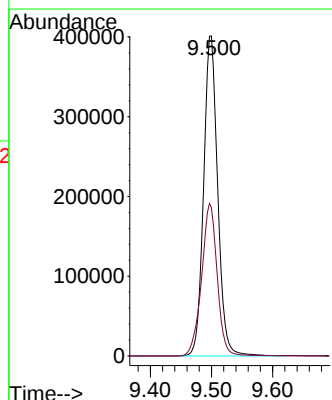
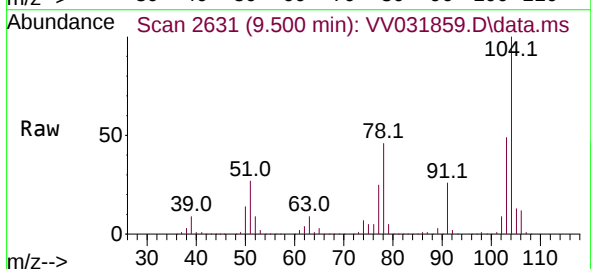
Acq: 23 Aug 2023 10:45

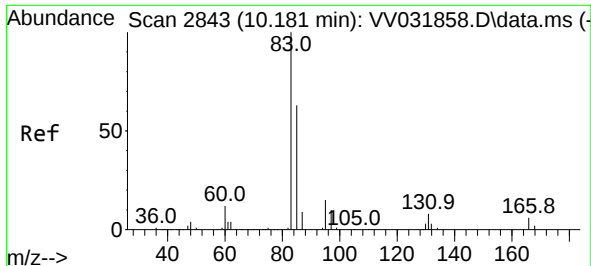
Tgt Ion:104 Resp: 642240

Ion Ratio Lower Upper

104 100

78 46.4 32.3 59.9

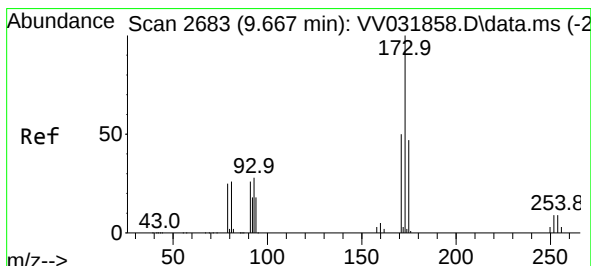
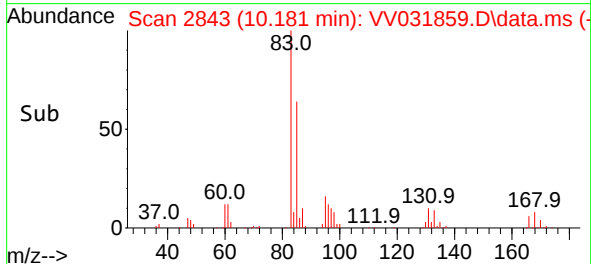
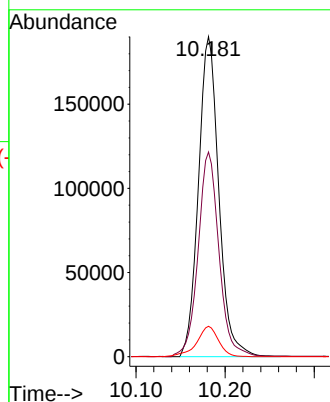
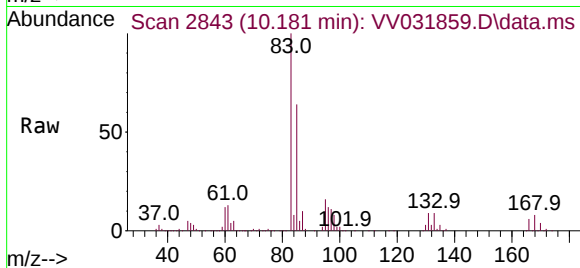




#57
1,1,2,2-Tetrachloroethane
Concen: 98.983 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

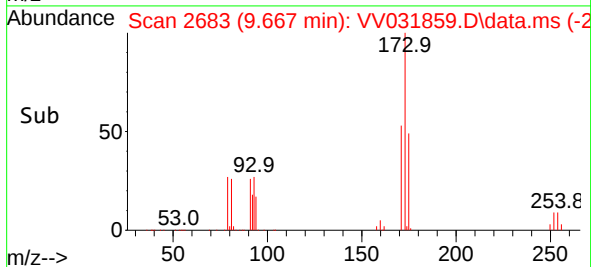
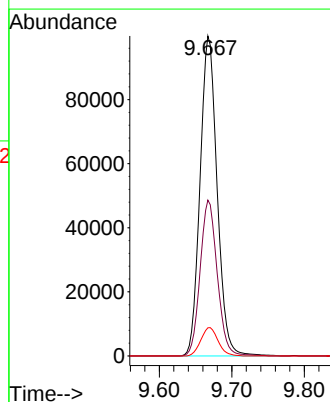
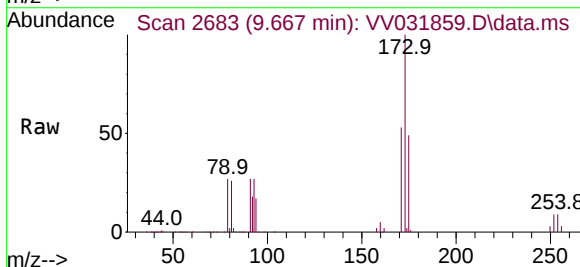
Instrument :
MSVOA_V
ClientSampleId :

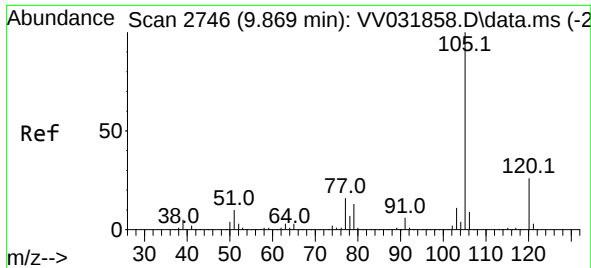
Tgt Ion: 83 Resp: 302556
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9
131 9.5 7.4 11.2



#59
Bromoform
Concen: 96.643 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 173 Resp: 163264
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 9.0 6.9 10.3

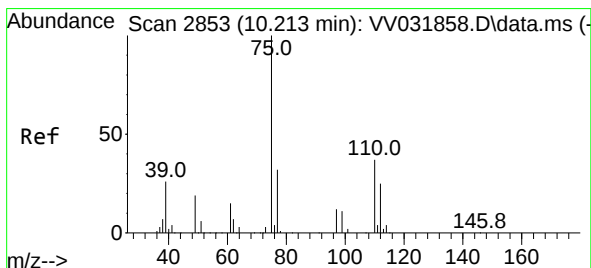
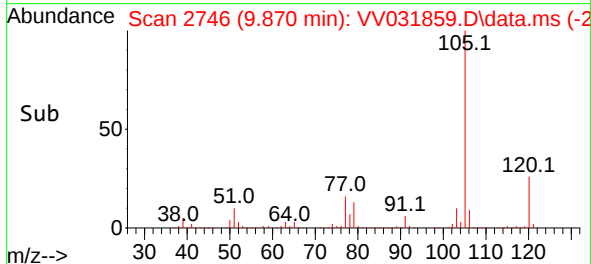
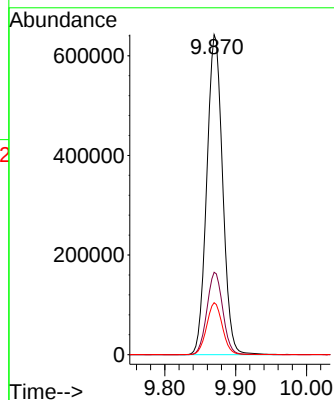
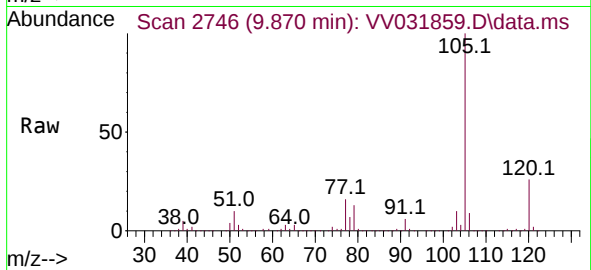




#60
Isopropylbenzene
Concen: 120.731 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

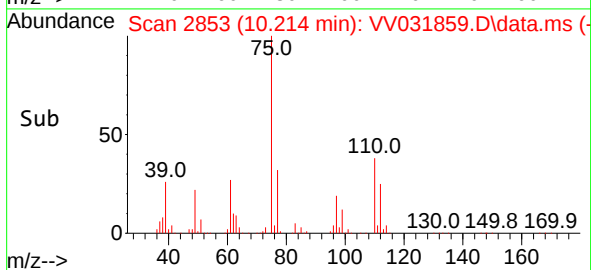
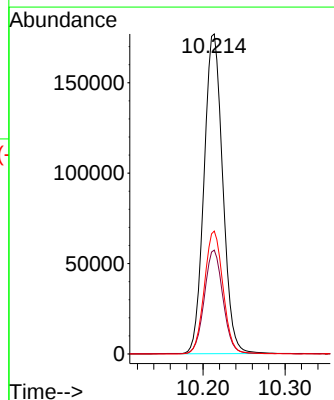
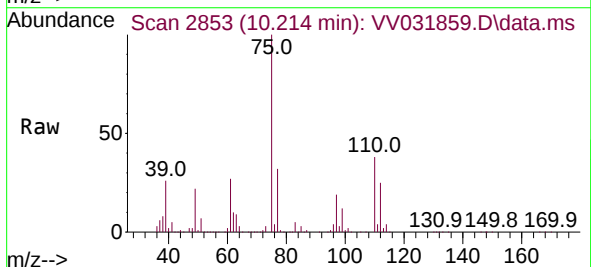
Instrument :
MSVOA_V
ClientSampleId :

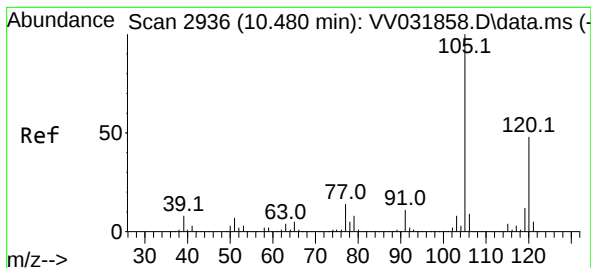
Tgt Ion:105 Resp: 995709
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 100.643 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

Tgt Ion: 75 Resp: 280156
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 38.4 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 127.024 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

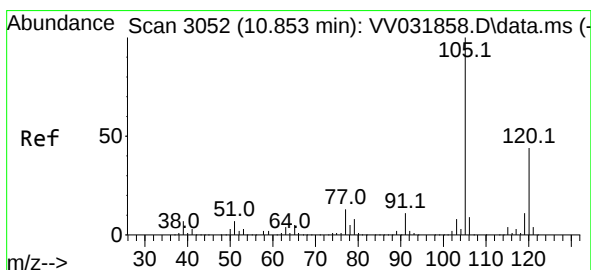
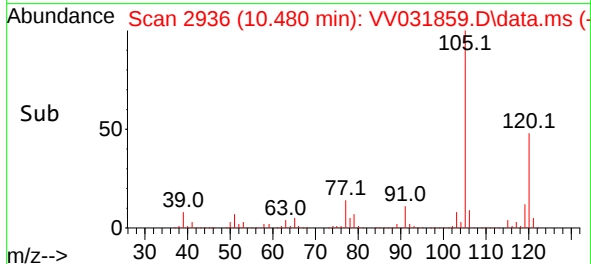
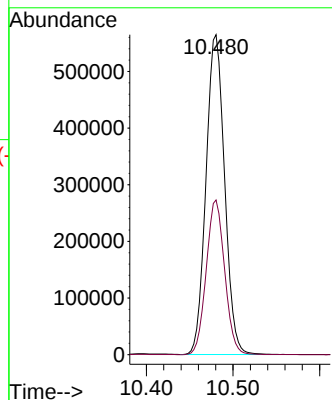
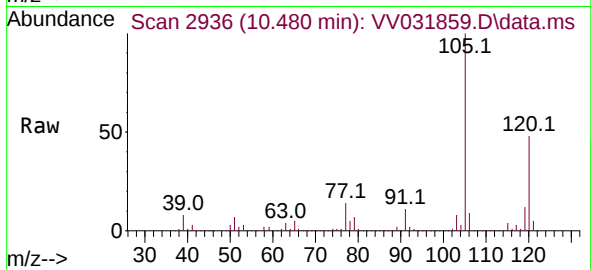
ClientSampleId :

Tgt Ion:105 Resp: 842515

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 126.493 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV031859.D

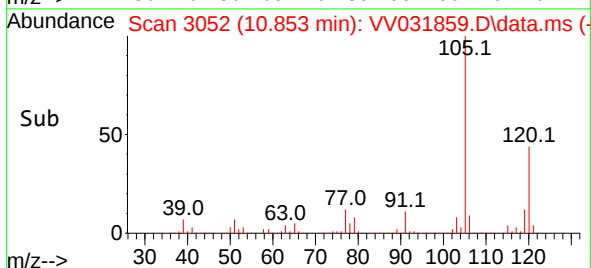
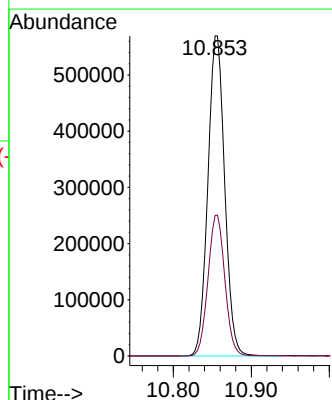
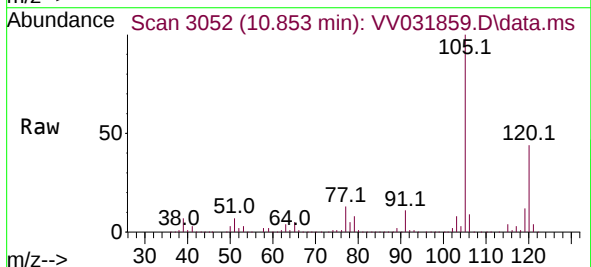
Acq: 23 Aug 2023 10:45

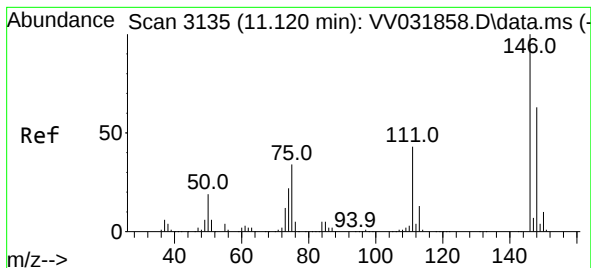
Tgt Ion:105 Resp: 851309

Ion Ratio Lower Upper

105 100

120 44.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 100.396 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

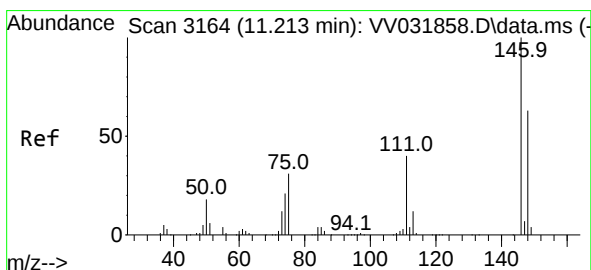
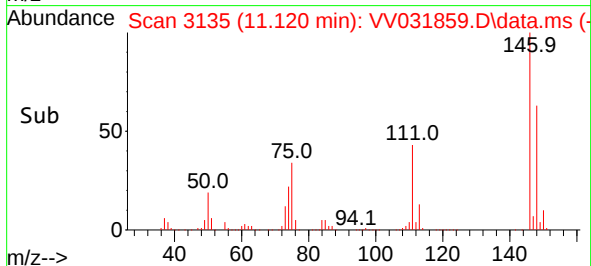
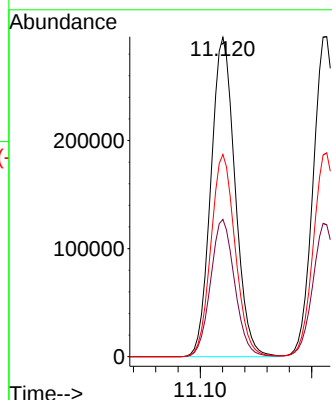
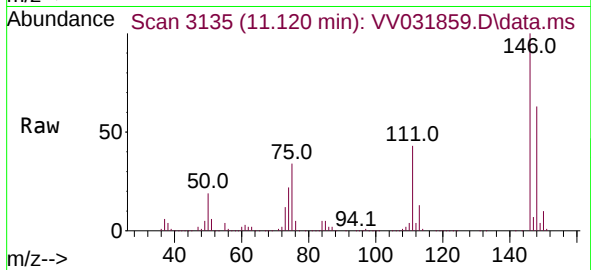
Tgt Ion:146 Resp: 445398

Ion Ratio Lower Upper

146 100

111 43.0 30.2 56.0

148 63.3 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 97.159 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

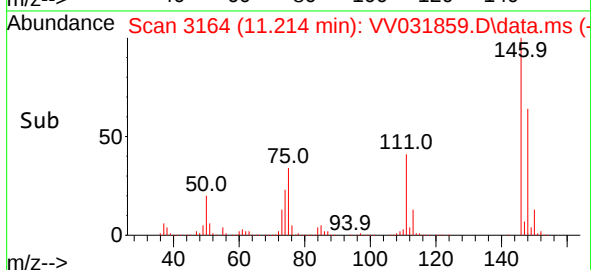
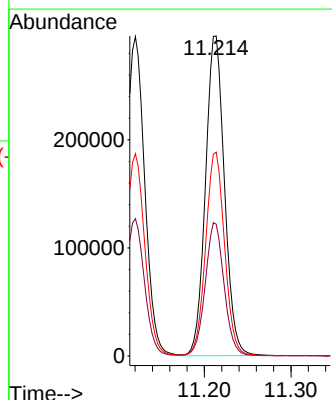
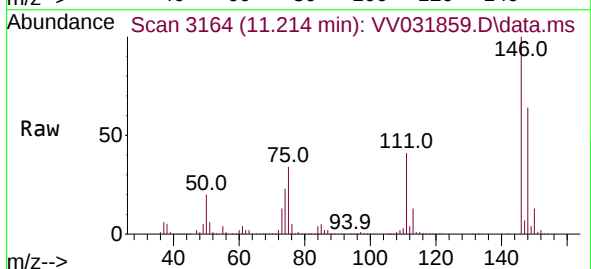
Tgt Ion:146 Resp: 450822

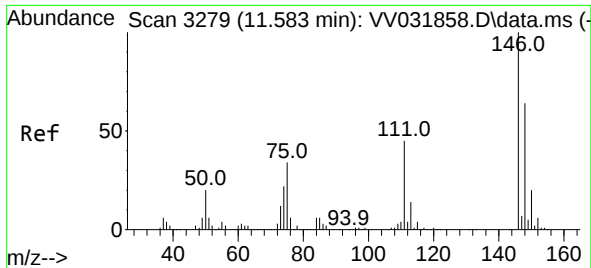
Ion Ratio Lower Upper

146 100

111 41.2 28.5 52.9

148 63.7 44.2 82.2

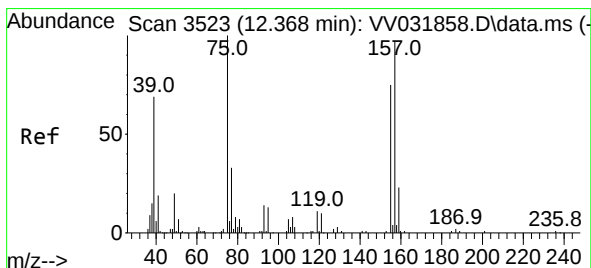
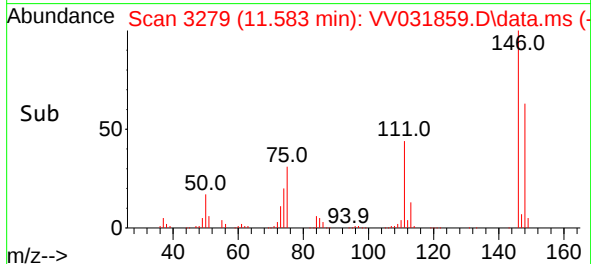
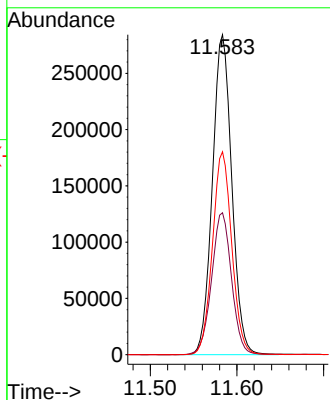
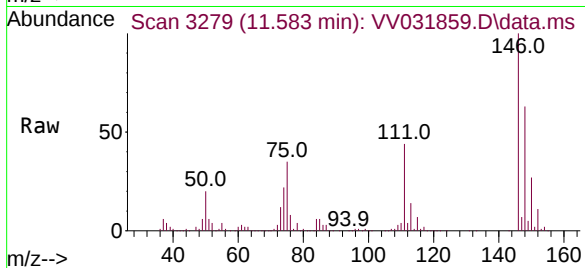




#67
1,2-Dichlorobenzene
Concen: 98.145 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

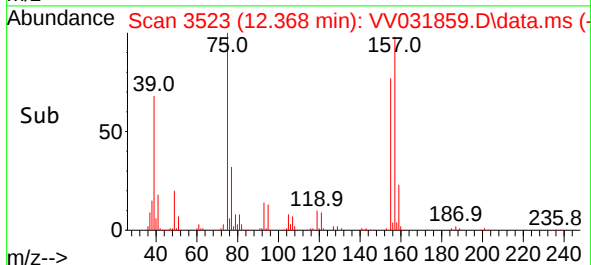
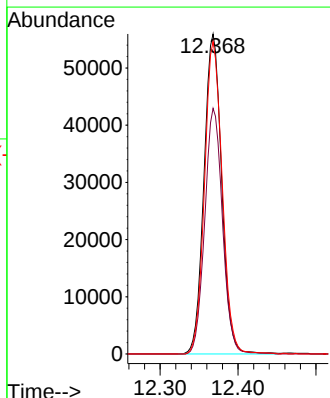
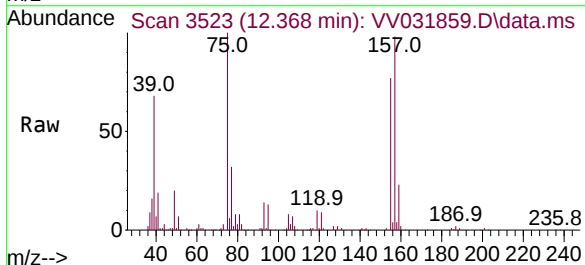
Instrument :
MSVOA_V
ClientSampleId :

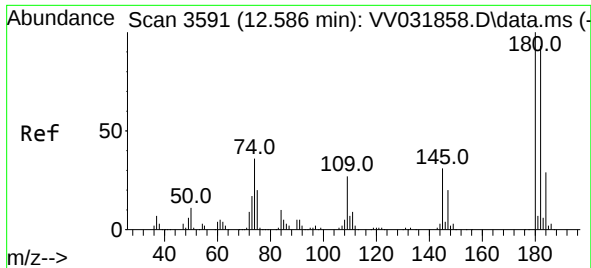
Tgt Ion:146 Resp: 442514
Ion Ratio Lower Upper
146 100
111 44.4 35.8 53.6
148 63.4 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 105.926 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV031859.D
Acq: 23 Aug 2023 10:45

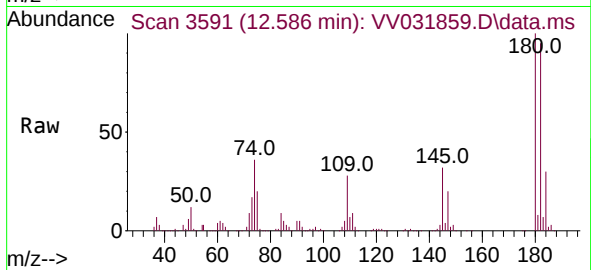
Tgt Ion: 75 Resp: 88397
Ion Ratio Lower Upper
75 100
155 76.7 60.1 90.1
157 97.6 77.3 115.9



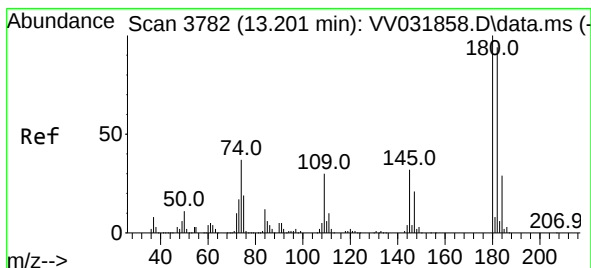
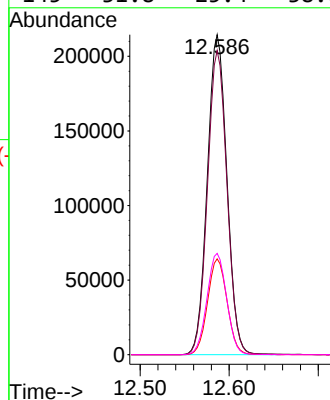
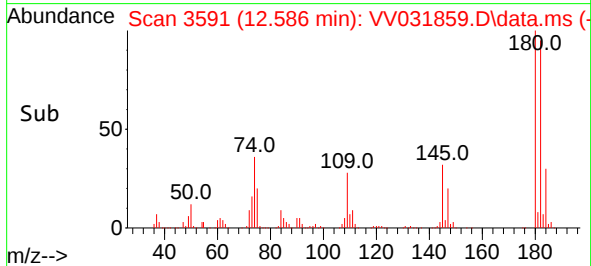


#69
 1,3,5-Trichlorobenzene
 Concen: 88.865 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV031859.D
 Acq: 23 Aug 2023 10:45

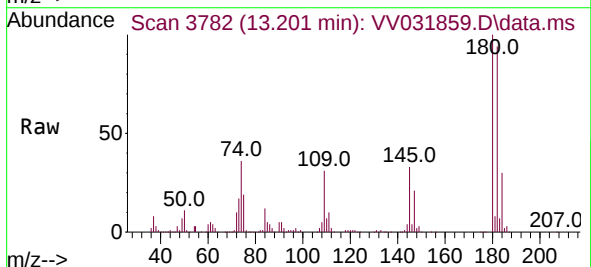
Instrument :
 MSVOA_V
 ClientSampleId :



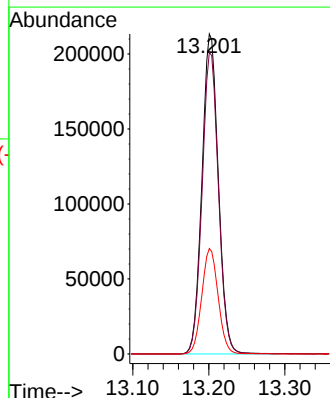
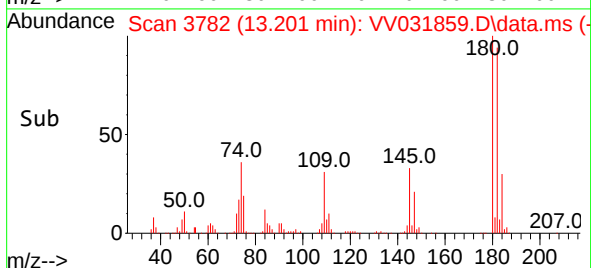
Tgt Ion:180 Resp: 327533
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.2
 184 29.8 23.7 35.5
 145 31.8 25.4 38.0

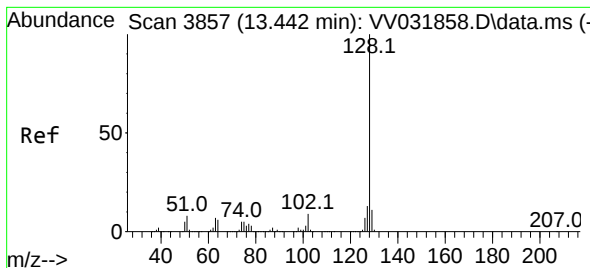


#70
 1,2,4-trichlorobenzene
 Concen: 89.586 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV031859.D
 Acq: 23 Aug 2023 10:45



Tgt Ion:180 Resp: 320423
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.4 113.2
 145 32.7 26.0 39.0





#71

Naphthalene

Concen: 100.319 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

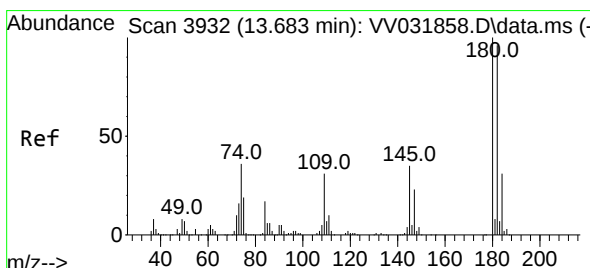
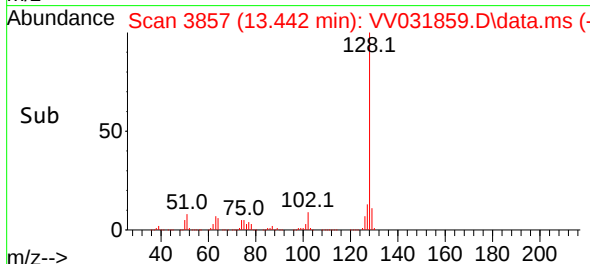
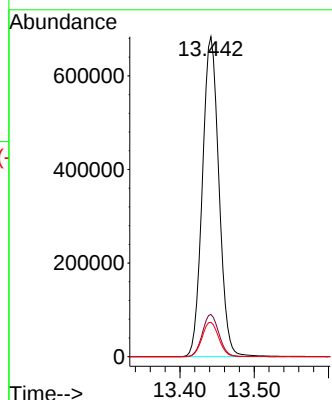
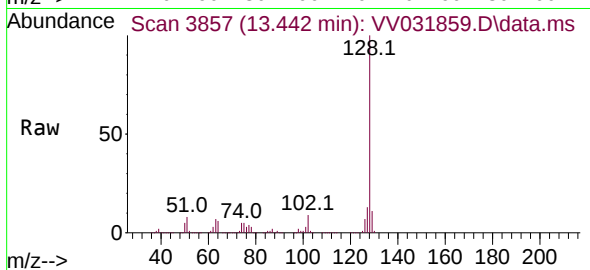
Tgt Ion:128 Resp: 1058142

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 83.740 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031859.D

Acq: 23 Aug 2023 10:45

Tgt Ion:180 Resp: 312374

Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

145 34.9 27.7 41.5

