

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033378.D
 Acq On : 15 Dec 2023 15:00
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 23:01:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 22:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	249799	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	257105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	384548	241.395	ug/L	0.00
7) Chloroethane-d5	1.523	69	338195	283.889	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	187050	290.152	ug/L	0.00
21) 2-Butanone-d5	3.773	46	432195	543.717	ug/L	0.00
24) Chloroform-d	4.246	84	753528	227.262	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	469931	228.600	ug/L	0.00
32) Benzene-d6	4.957	84	1420283	228.002	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	424344	246.401	ug/L	0.00
41) Toluene-d8	7.243	98	1386803	233.670	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	238594	232.332	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	370120	555.346	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	639601	260.323	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	591495	212.435	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	386428	147.958	ug/L	100
3) Chloromethane	1.214	50	351412	192.978	ug/L	99
5) Vinyl chloride	1.281	62	389011	216.507	ug/L	99
6) Bromomethane	1.468	94	300355	255.334	ug/L	98
8) Chloroethane	1.539	64	266353	260.274	ug/L	98
9) Trichlorofluoromethane	1.709	101	667473	223.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	387812	262.257	ug/L	99
12) 1,1-Dichloroethene	2.066	96	348369	257.412	ug/L	98
13) Acetone	2.108	43	440880	541.893	ug/L	100
14) Carbon disulfide	2.240	76	866048	192.975	ug/L	100
15) Methyl Acetate	2.365	43	330375	259.126	ug/L	98
16) Methylene chloride	2.442	84	360030	210.009	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	337417	204.013	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	1111170	221.178	ug/L	100
19) 1,1-Dichloroethane	3.108	63	625953	220.498	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	396955	224.751	ug/L	98
22) 2-Butanone	3.854	43	483053	509.244	ug/L	93
23) Bromochloromethane	4.140	128	200412	198.121	ug/L	97
25) Chloroform	4.272	83	692727	215.324	ug/L	99
27) 1,2-Dichloroethane	5.037	62	548796	215.510	ug/L	98
29) Cyclohexane	4.580	56	520787	219.672	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	626173	197.248	ug/L	99
31) Carbon tetrachloride	4.735	117	558170	190.199	ug/L	99
33) Benzene	5.008	78	1402699	212.307	ug/L	100
34) Trichloroethene	5.831	95	380489	196.563	ug/L	99
35) Methylcyclohexane	6.050	83	584259	208.910	ug/L	99
37) 1,2-Dichloropropane	6.092	63	366560	232.181	ug/L	99
38) Bromodichloromethane	6.429	83	535900	216.056	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	645432	233.906	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	946302	554.360	ug/L	99
42) Toluene	7.313	91	1568733	211.738	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	632815	230.552	ug/L	99

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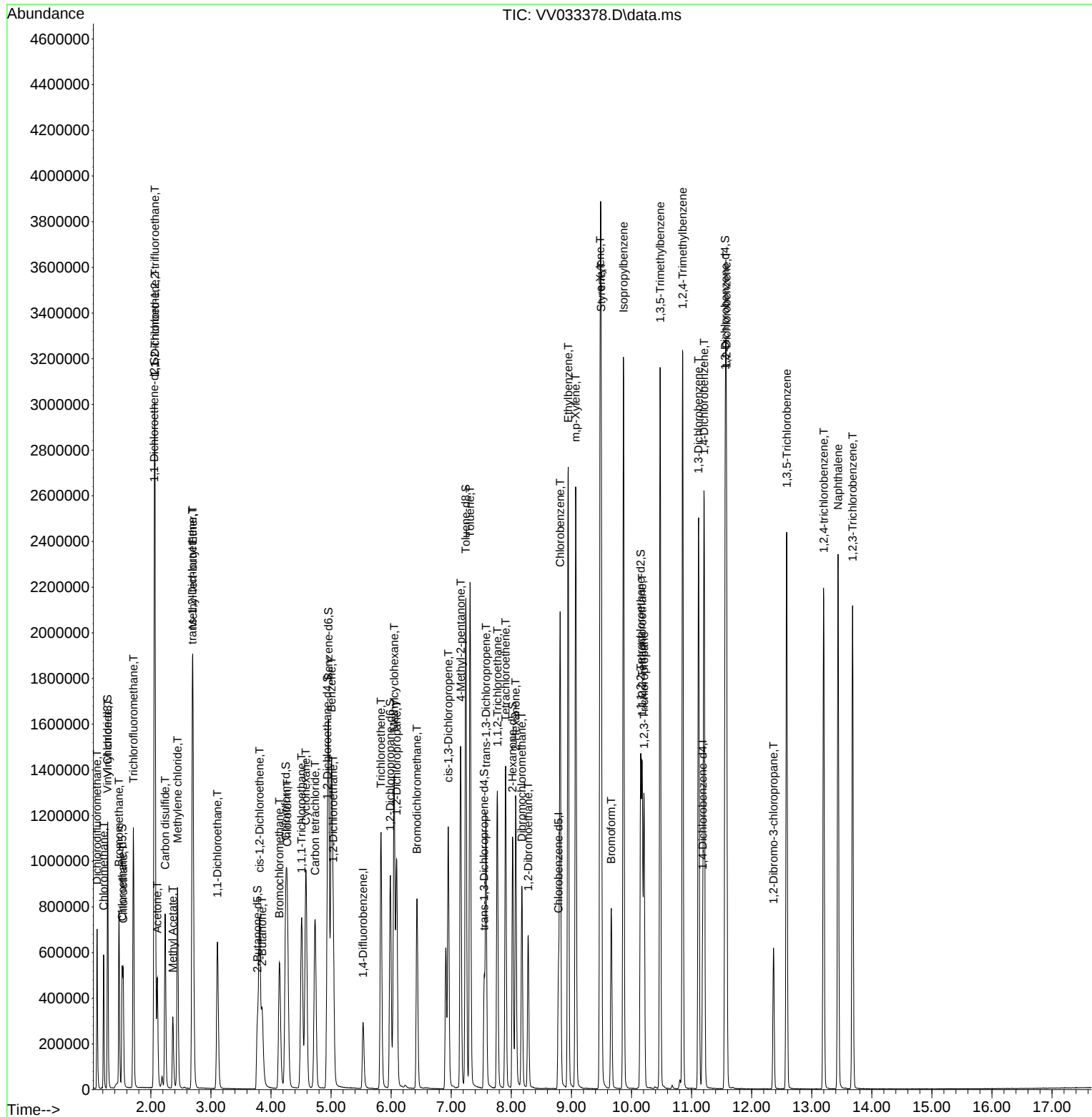
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	385828	214.478	ug/L	98
46) Tetrachloroethene	7.905	164	293464	179.552	ug/L	99
48) 2-Hexanone	8.072	43	770879	548.601	ug/L	98
49) Dibromochloromethane	8.175	129	431857	207.107	ug/L	97
50) 1,2-Dibromoethane	8.281	107	412032	216.478	ug/L	98
51) Chlorobenzene	8.812	112	1049811	202.690	ug/L	99
52) Ethylbenzene	8.947	91	1848260	219.214	ug/L	100
53) m,p-Xylene	9.072	106	703611	211.783	ug/L	99
54) o-Xylene	9.477	106	689409	211.716	ug/L	97
55) Styrene	9.497	104	1258543	221.358	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	632527	249.368	ug/L	100
59) Bromoform	9.664	173	320974	193.921	ug/L	100
60) Isopropylbenzene	9.866	105	1926060	215.437	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	474081	229.900	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	1568890	220.654	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	1650228	222.217	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	920757	194.567	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	946085	191.579	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	933464	199.228	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	142580	233.359	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	668257	181.410	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	596245	177.927	ug/L	100
71) Naphthalene	13.438	128	1711979	206.355	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	567271	173.686	ug/L	99

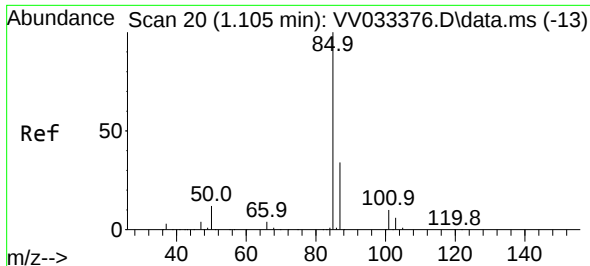
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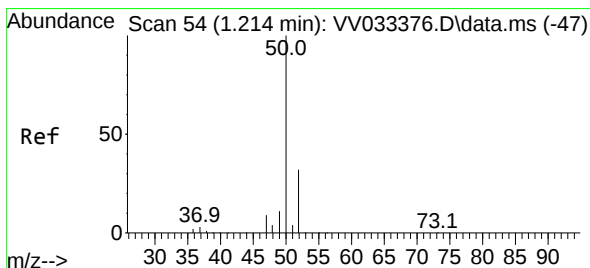
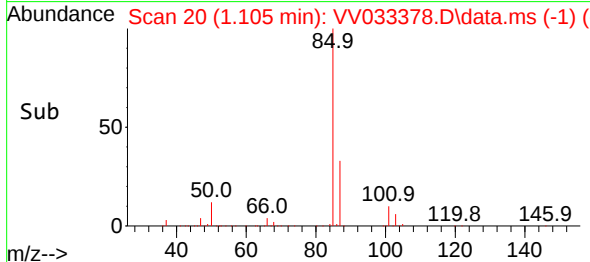
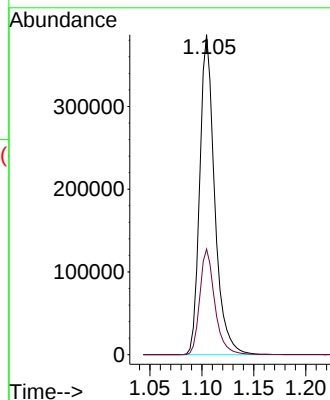
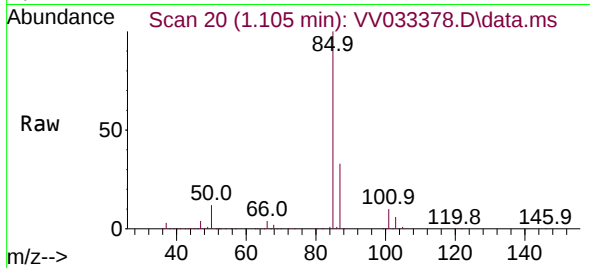




#2
 Dichlorodifluoromethane
 Concen: 147.958 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

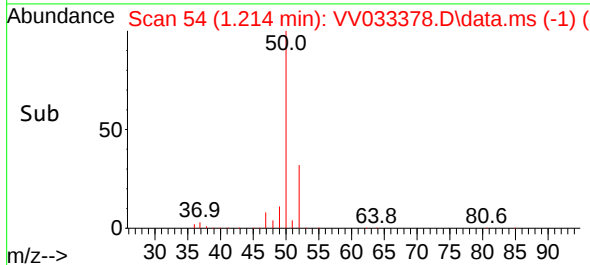
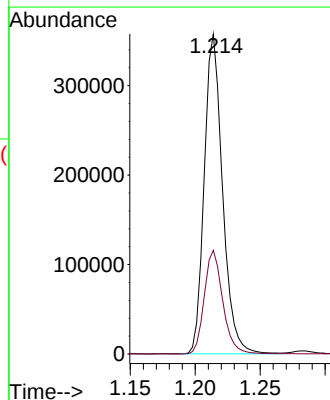
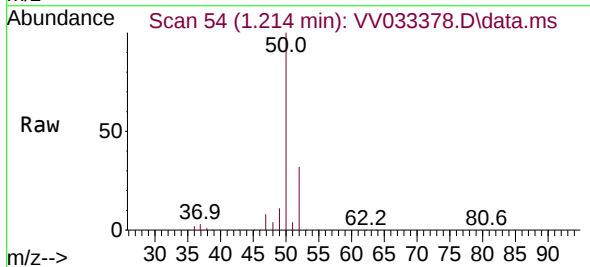
Instrument :
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 ClientSampleId :

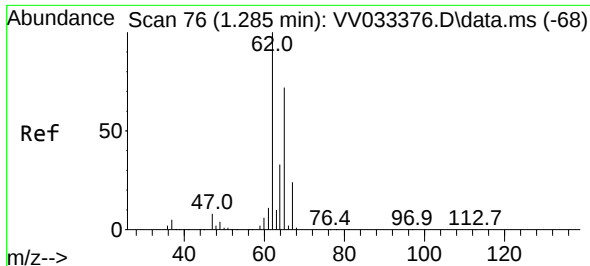
Tgt Ion: 85 Resp: 386428
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 192.978 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

Tgt Ion: 50 Resp: 351412
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5





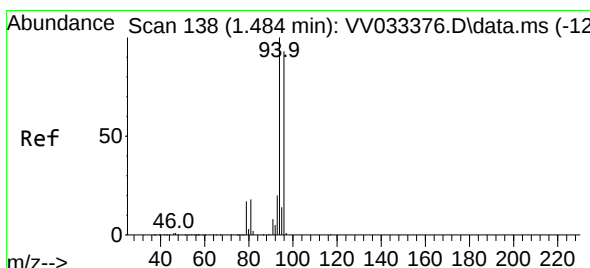
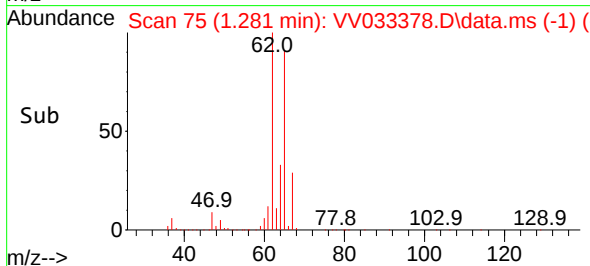
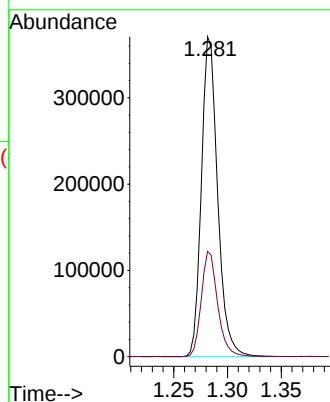
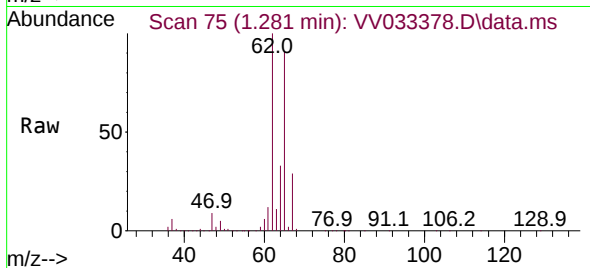
#5
 Vinyl chloride
 Concen: 216.507 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

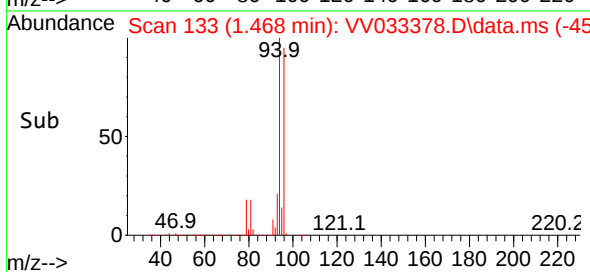
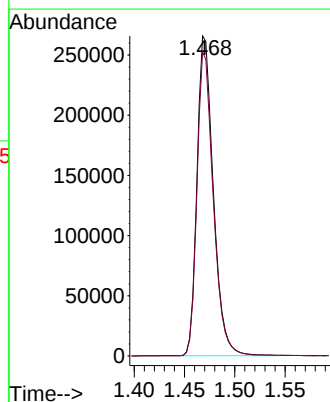
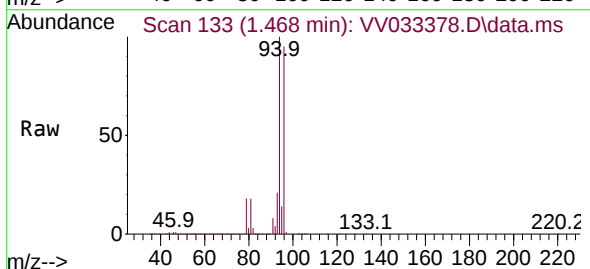
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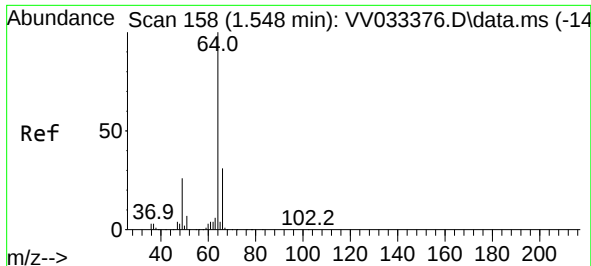
Tgt Ion: 62 Resp: 389011
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 255.334 ug/L
 RT: 1.468 min Scan# 133
 Delta R.T. -0.016 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

Tgt Ion: 94 Resp: 300355
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.1 120.9

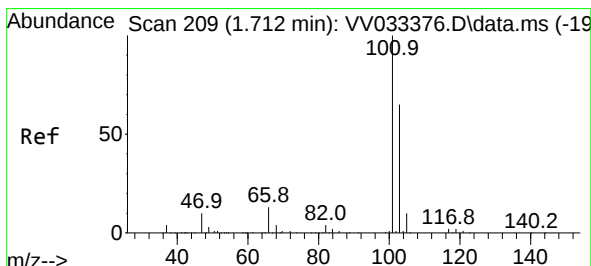
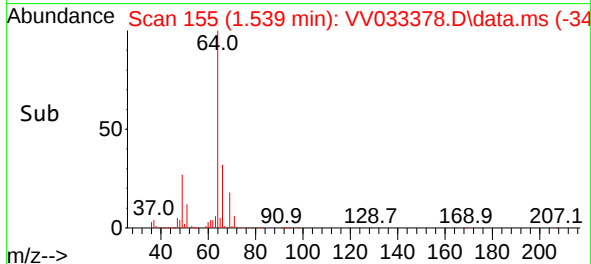
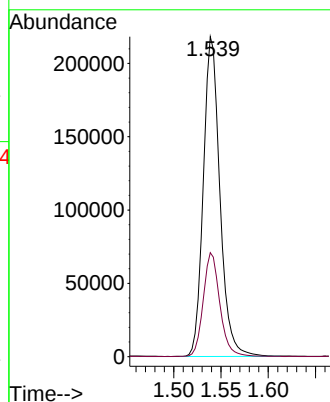
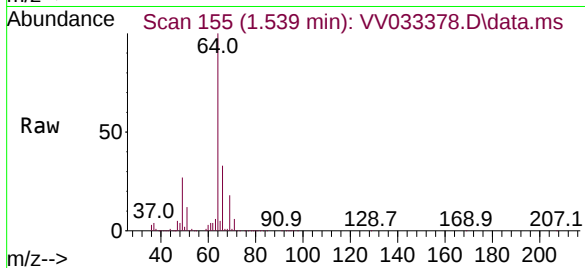




#8
Chloroethane
Concen: 260.274 ug/L
RT: 1.539 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

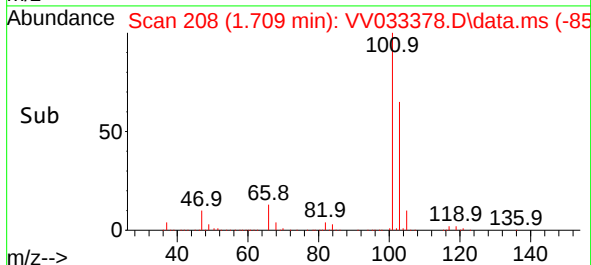
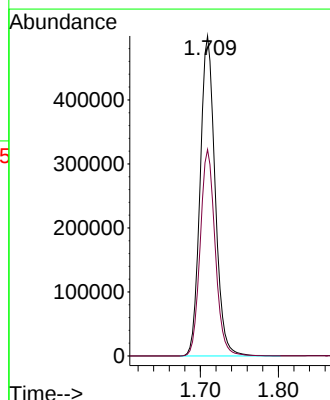
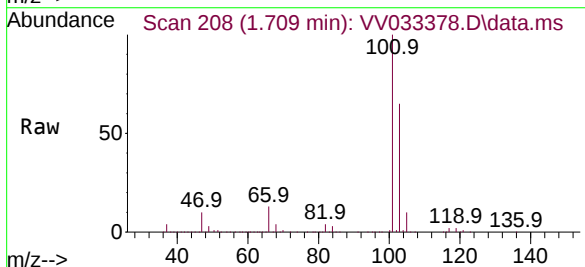
Instrument :
MSVOA_V
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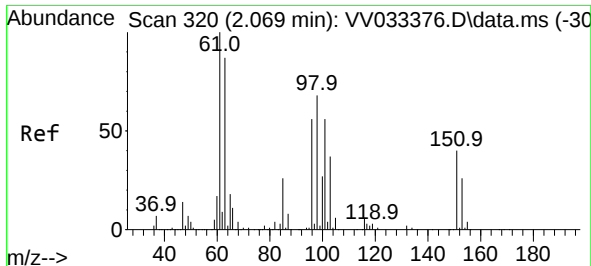
Tgt Ion: 64 Resp: 266353
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 223.944 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 101 Resp: 667473
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

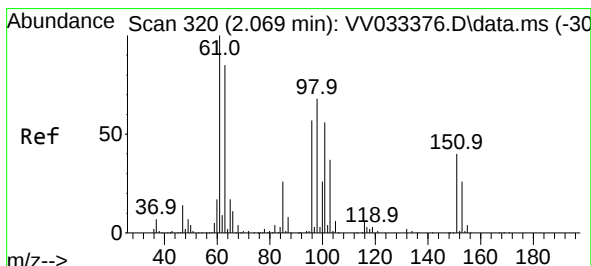
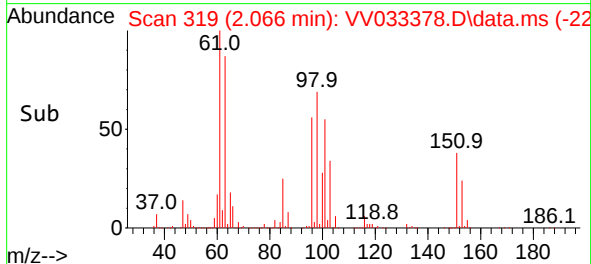
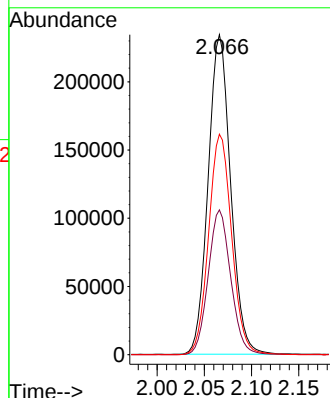
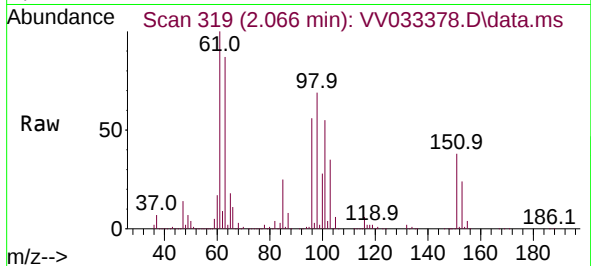




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 262.257 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

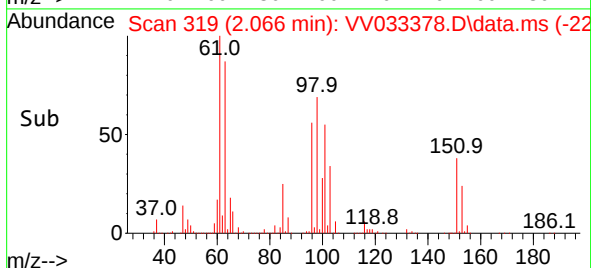
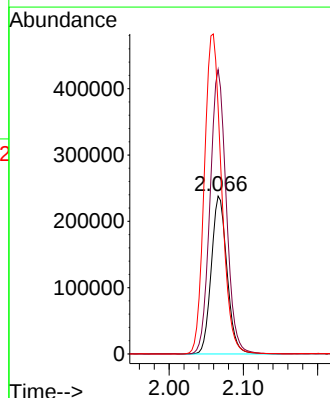
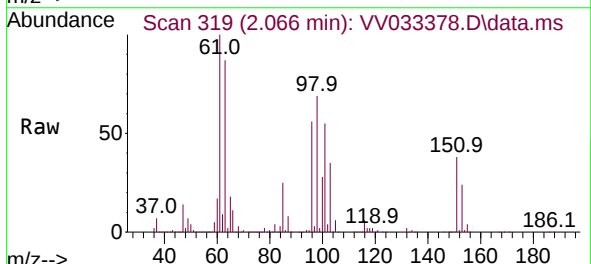
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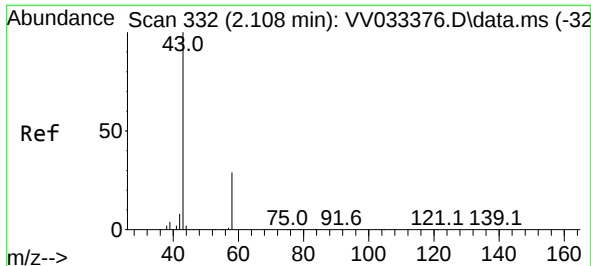
Tgt Ion:101 Resp: 387812
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.6 54.8
 151 70.8 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 257.412 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

Tgt Ion: 96 Resp: 348369
 Ion Ratio Lower Upper
 96 100
 61 180.0 124.3 230.8
 63 156.2 108.1 200.7





#13

Acetone

Concen: 541.893 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

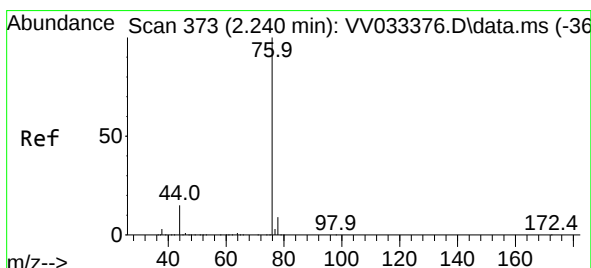
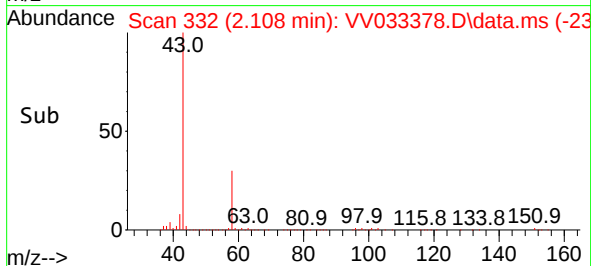
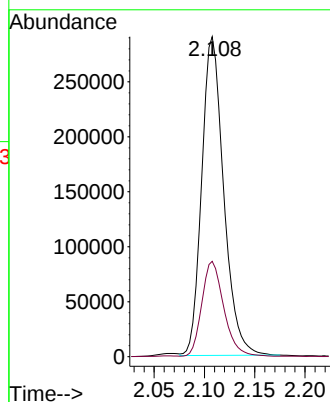
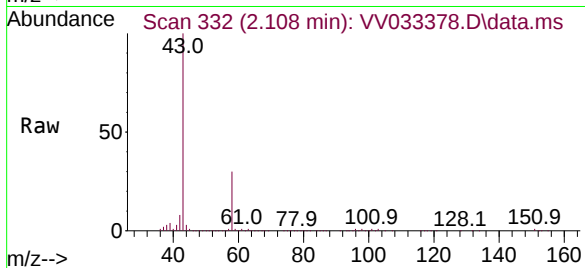
ClientSampleId :

Tgt Ion: 43 Resp: 440880

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.2



#14

Carbon disulfide

Concen: 192.975 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033378.D

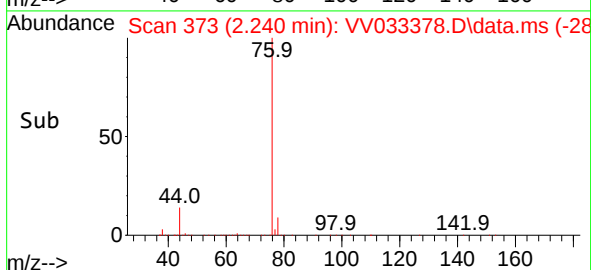
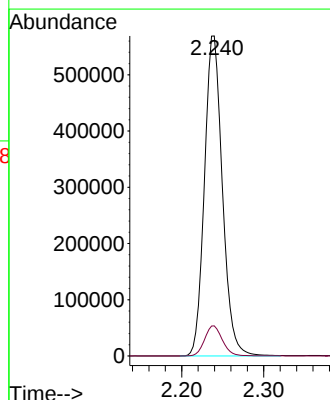
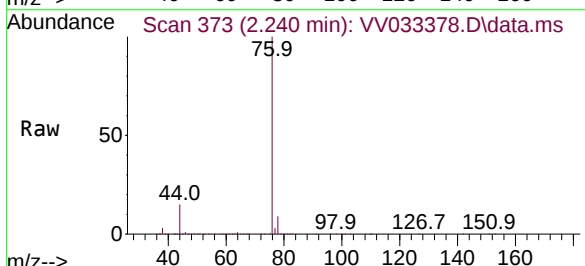
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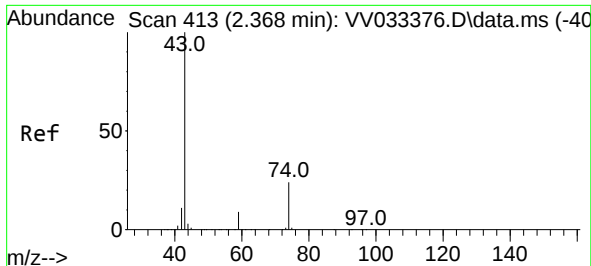
Tgt Ion: 76 Resp: 866048

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4

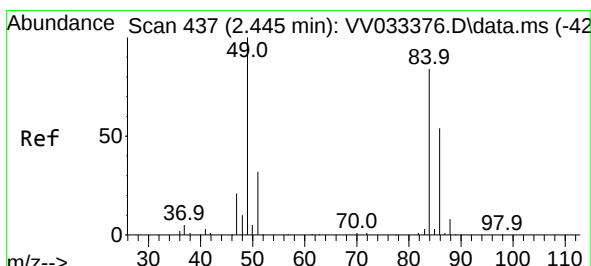
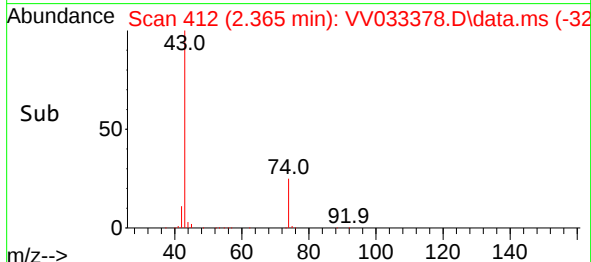
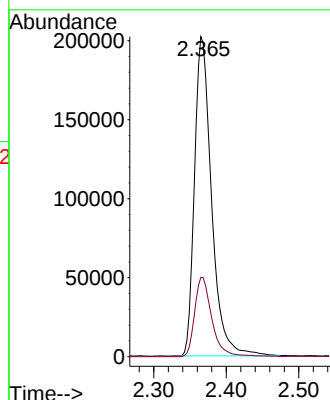
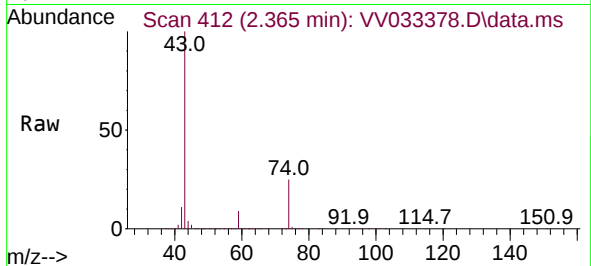




#15
Methyl Acetate
Concen: 259.126 ug/L
RT: 2.365 min Scan# 413
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

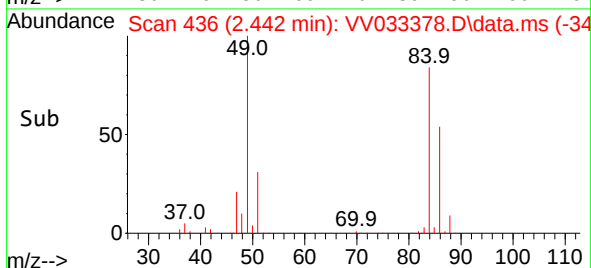
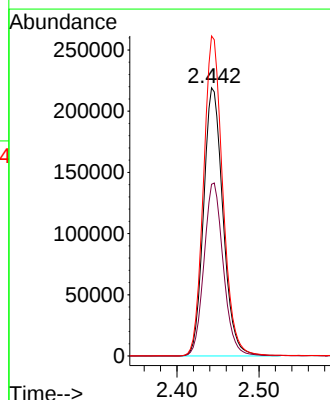
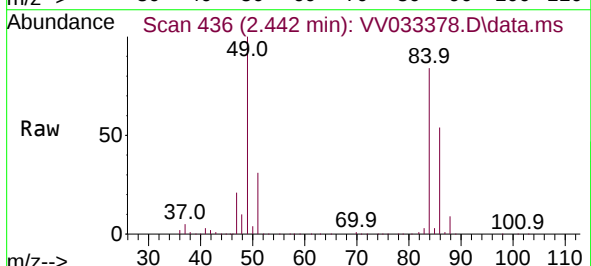
Instrument :
MSVOA_V
ClientSampleId :

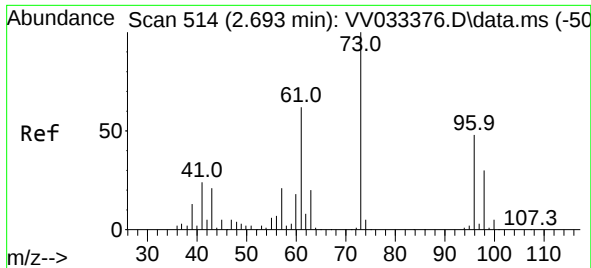
Tgt Ion: 43 Resp: 330375
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



#16
Methylene chloride
Concen: 210.009 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

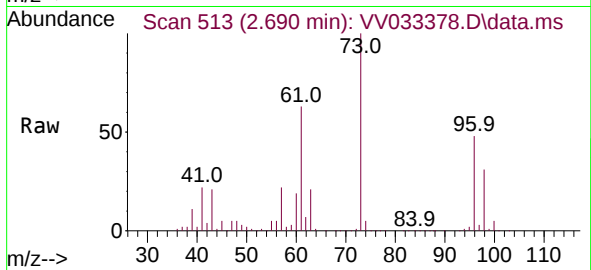
Tgt Ion: 84 Resp: 360030
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 119.3 83.3 154.7



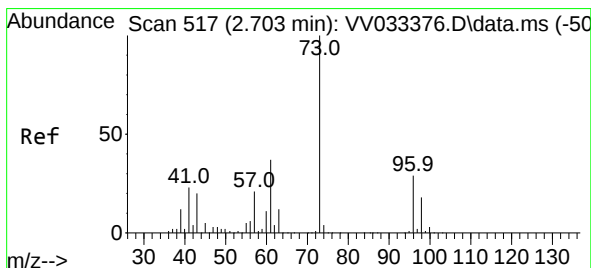
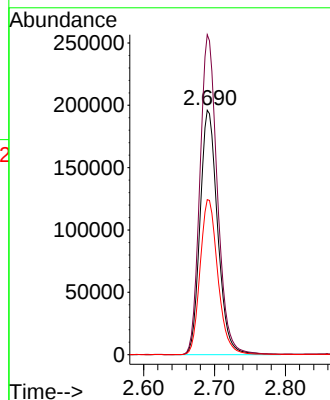
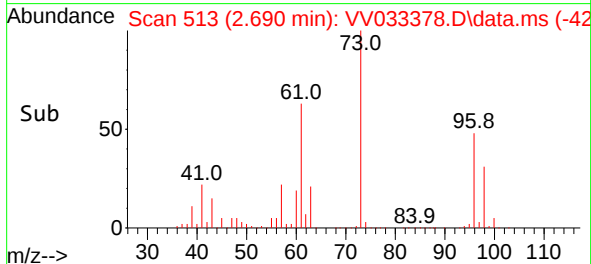


#17
trans-1,2-Dichloroethene
Concen: 204.013 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Instrument :
MSVOA_V
ClientSampleId :

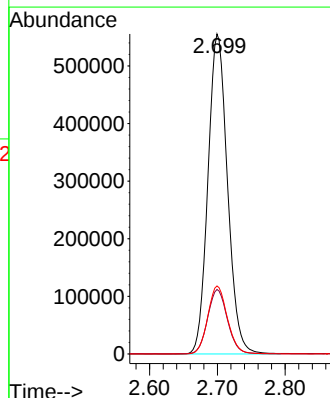
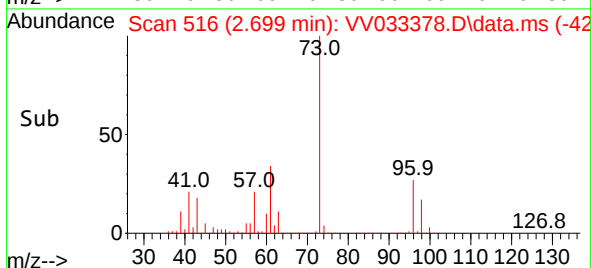
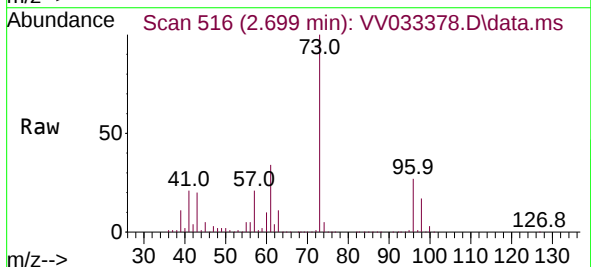


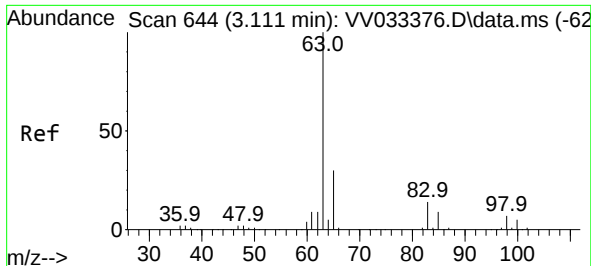
Tgt Ion: 96 Resp: 337417
Ion Ratio Lower Upper
96 100
61 130.9 89.6 166.4
98 63.4 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 221.178 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 73 Resp: 1111170
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5
57 21.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 220.498 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

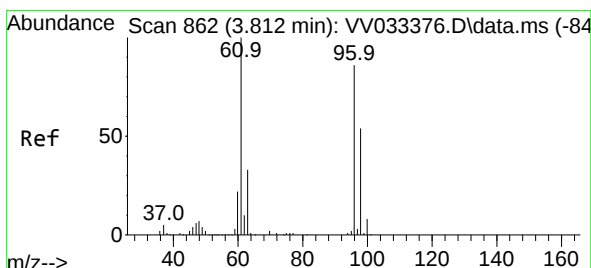
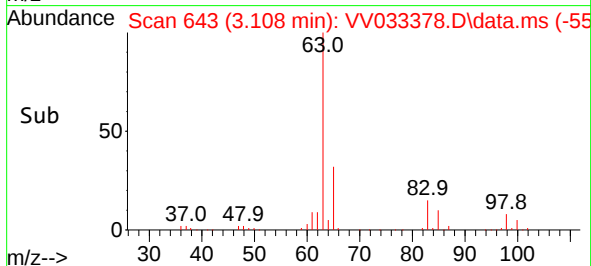
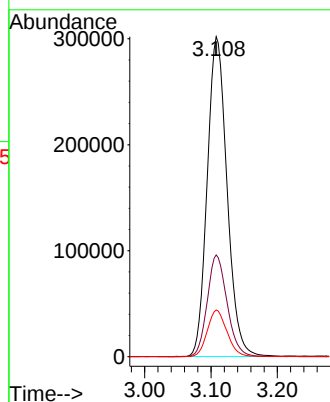
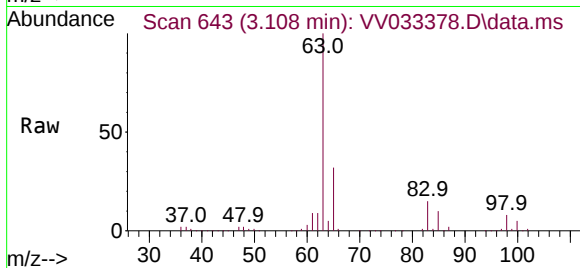
Tgt Ion: 63 Resp: 625953

Ion Ratio Lower Upper

63 100

65 31.8 21.1 39.3

83 14.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 224.751 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

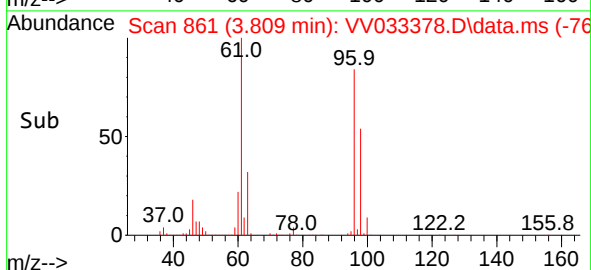
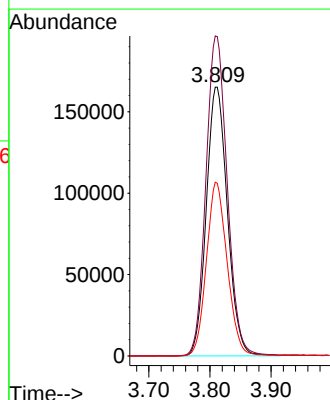
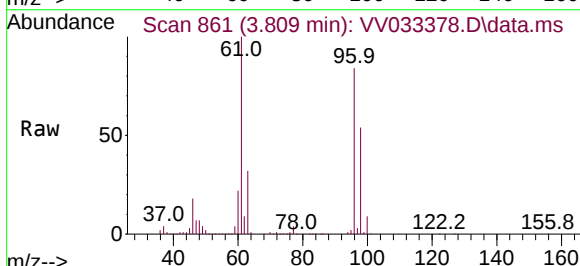
Tgt Ion: 96 Resp: 396955

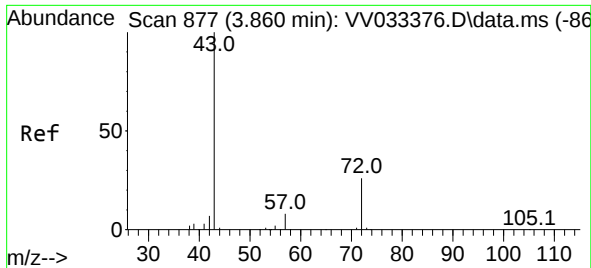
Ion Ratio Lower Upper

96 100

61 119.0 81.9 152.1

98 64.6 44.3 82.3

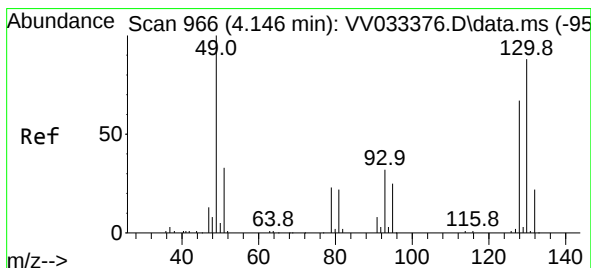
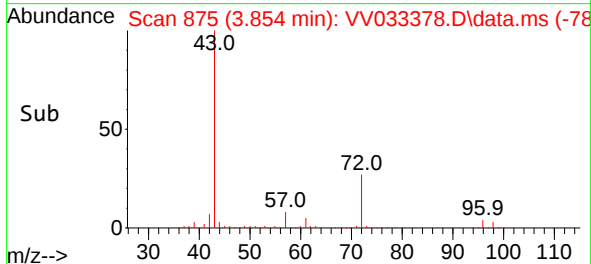
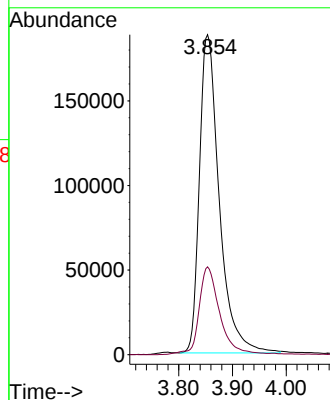
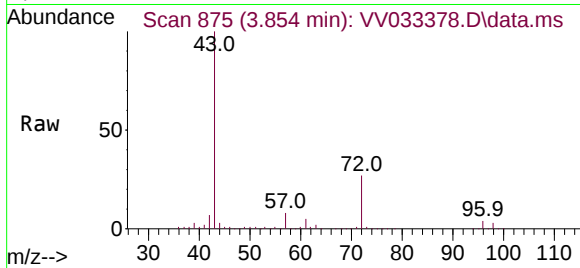




#22
2-Butanone
Concen: 509.244 ug/L
RT: 3.854 min Scan# 81
Delta R.T. -0.007 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

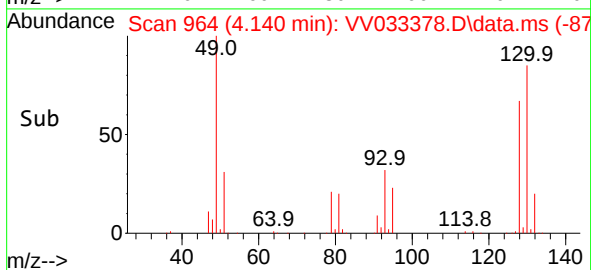
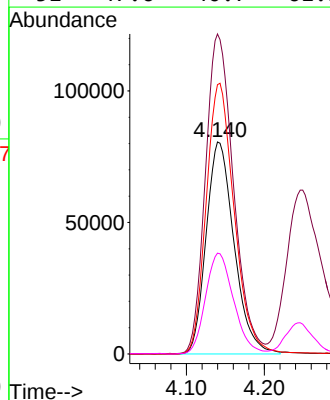
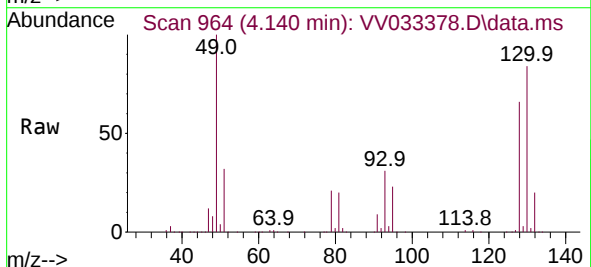
Instrument :
MSVOA_V
ClientSampleId :

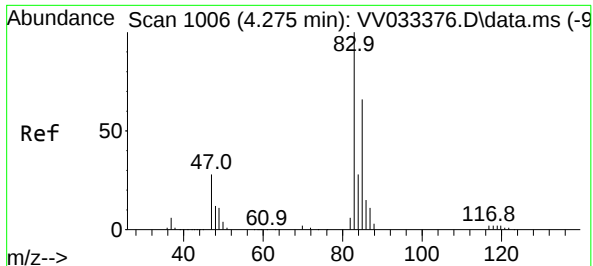
Tgt Ion: 43 Resp: 483053
Ion Ratio Lower Upper
43 100
72 28.6 12.4 37.4



#23
Bromochloromethane
Concen: 198.121 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.007 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion:128 Resp: 200412
Ion Ratio Lower Upper
128 100
49 151.0 106.0 196.9
130 127.0 93.6 173.8
51 47.6 40.7 61.1

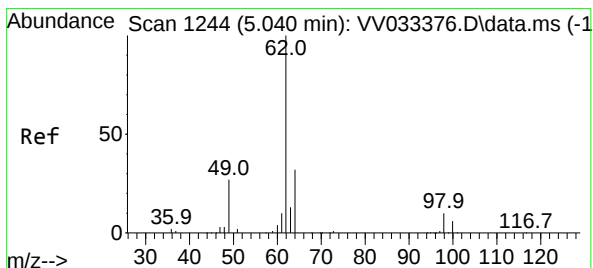
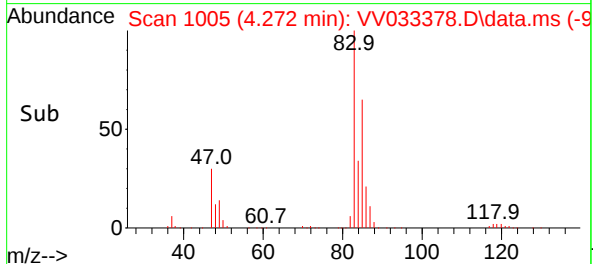
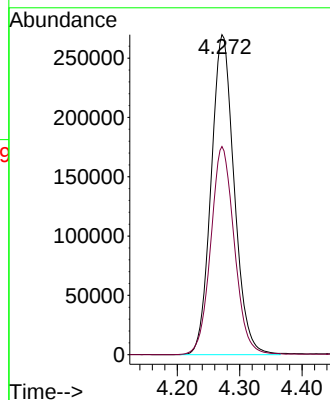
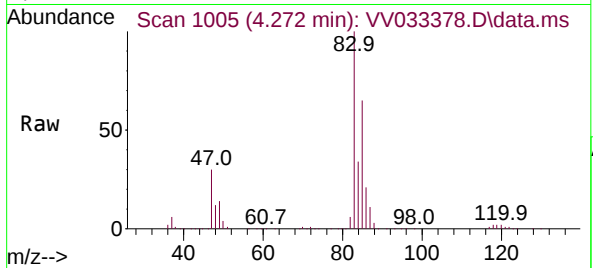




#25
Chloroform
Concen: 215.324 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

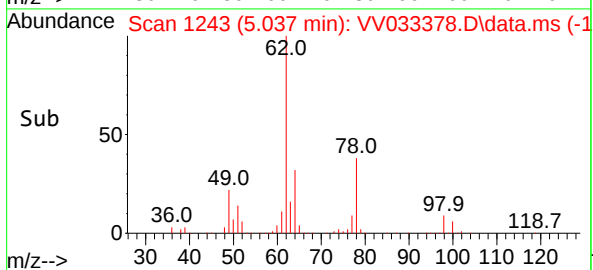
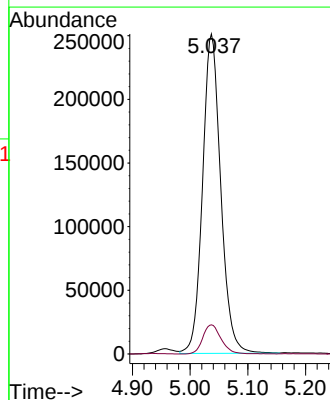
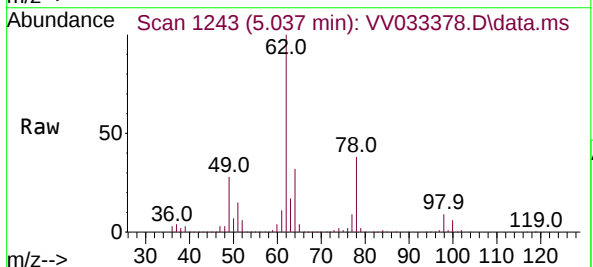
Instrument :
MSVOA_V
ClientSampleId :

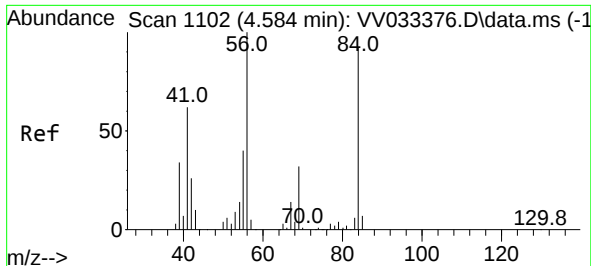
Tgt Ion: 83 Resp: 692727
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 215.510 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 62 Resp: 548796
Ion Ratio Lower Upper
62 100
98 9.1 8.0 12.0





#29

Cyclohexane

Concen: 219.672 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

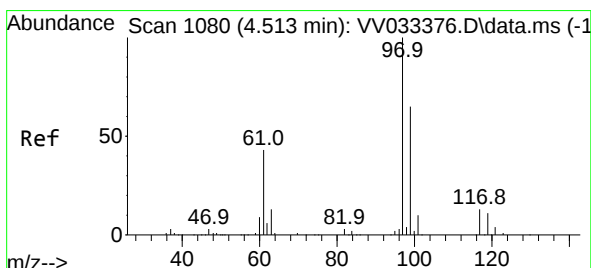
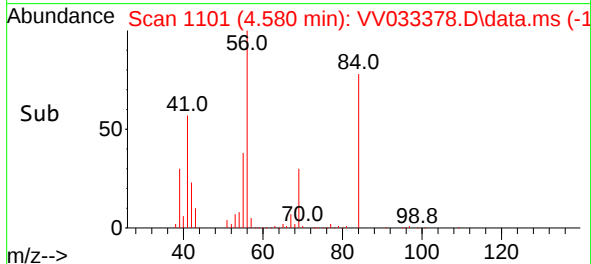
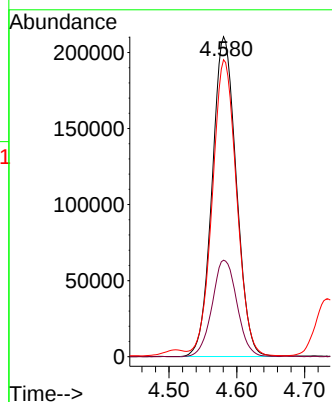
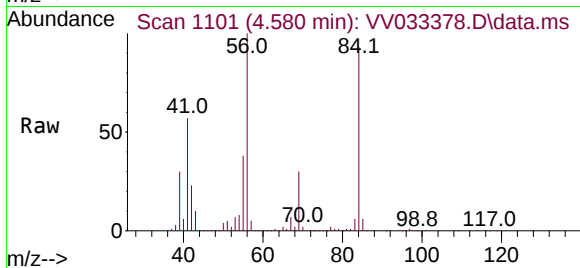
Tgt Ion: 56 Resp: 520787

Ion Ratio Lower Upper

56 100

69 31.1 25.8 38.6

84 93.2 75.2 112.8



#30

1,1,1-Trichloroethane

Concen: 197.248 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

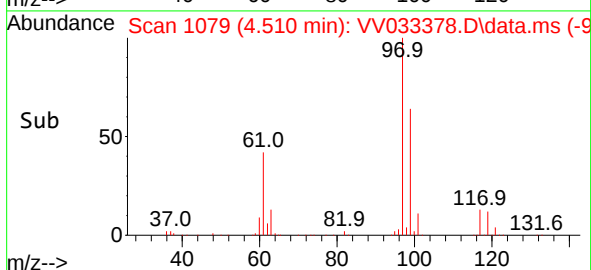
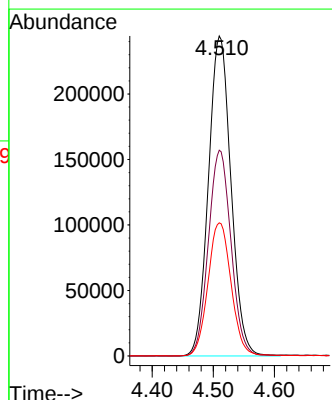
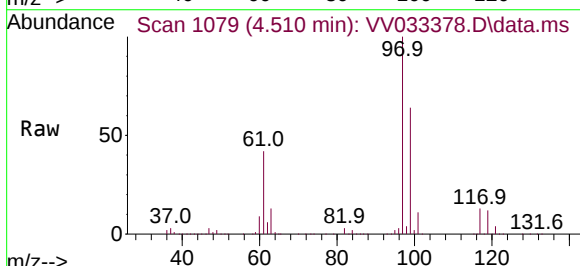
Tgt Ion: 97 Resp: 626173

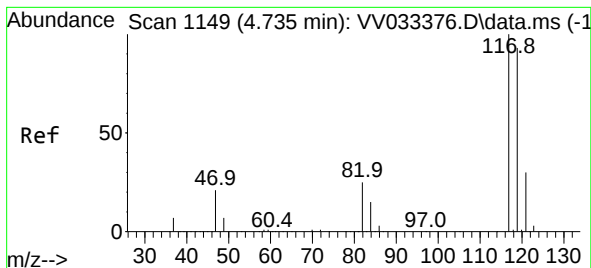
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 42.4 34.8 52.2





#31

Carbon tetrachloride

Concen: 190.199 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

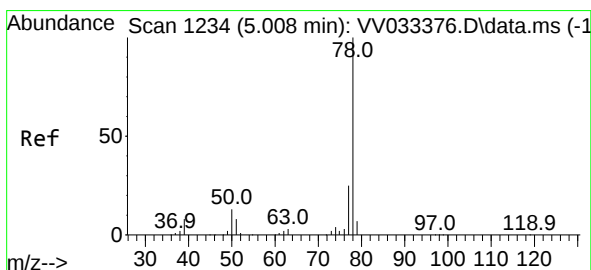
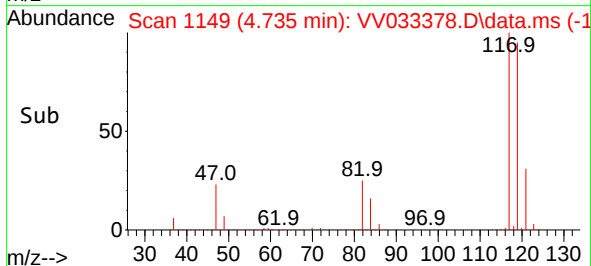
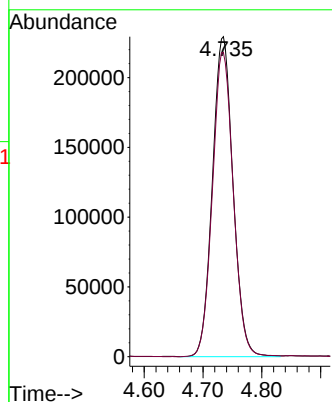
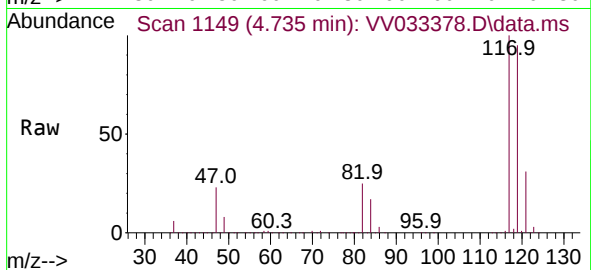
ClientSampleId :

Tgt Ion:117 Resp: 558170

Ion Ratio Lower Upper

117 100

119 96.2 77.8 116.6



#33

Benzene

Concen: 212.307 ug/L

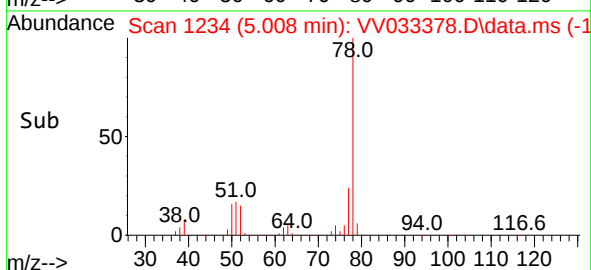
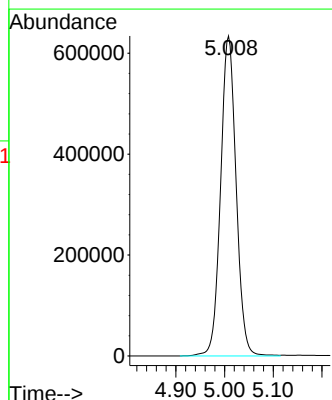
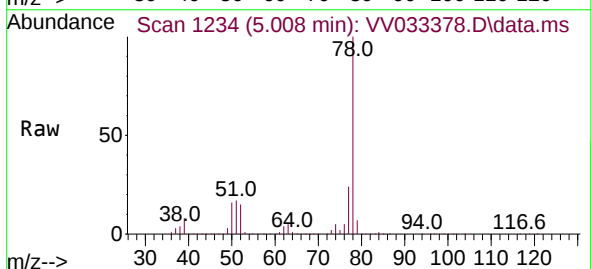
RT: 5.008 min Scan# 1234

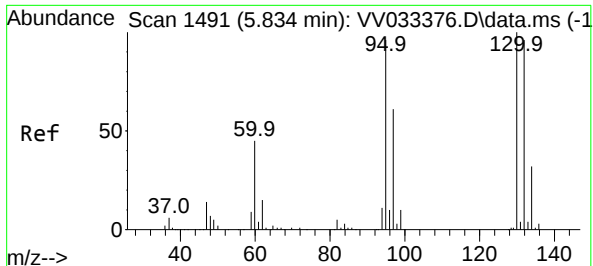
Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Tgt Ion: 78 Resp: 1402699

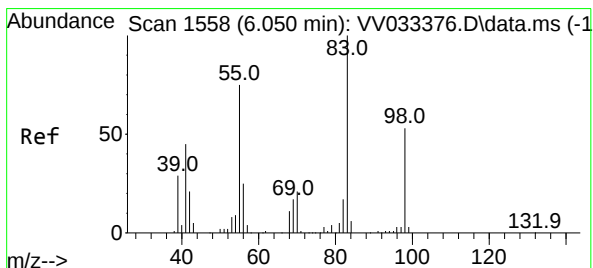
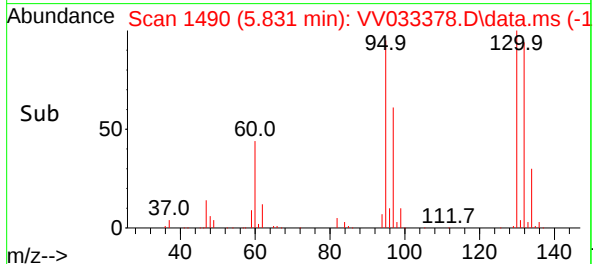
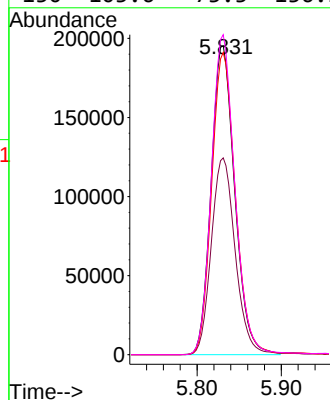
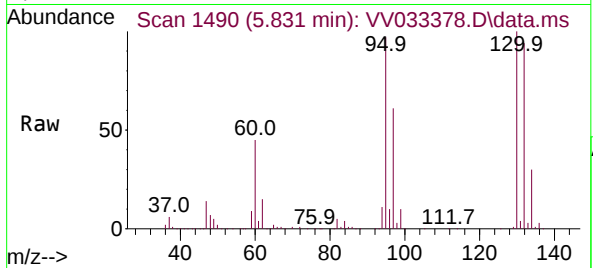




#34
Trichloroethene
Concen: 196.563 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

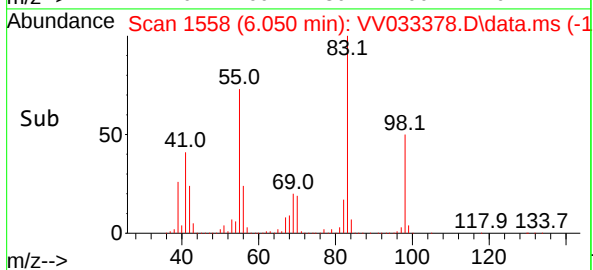
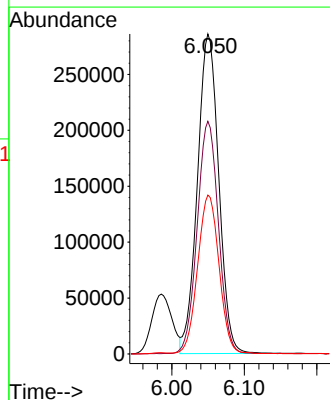
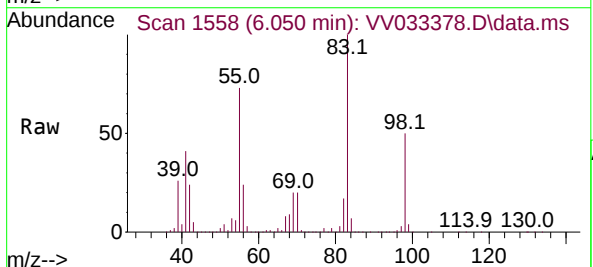
Instrument :
MSVOA_V
ClientSampleId :

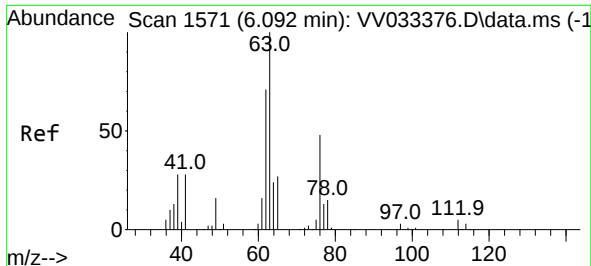
Tgt Ion: 95 Resp: 380489
Ion Ratio Lower Upper
95 100
97 63.7 44.8 83.2
132 97.8 69.9 129.7
130 103.6 73.3 136.1



#35
Methylcyclohexane
Concen: 208.910 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 83 Resp: 584259
Ion Ratio Lower Upper
83 100
55 72.4 58.6 88.0
98 50.1 40.9 61.3





#37

1,2-Dichloropropane

Concen: 232.181 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

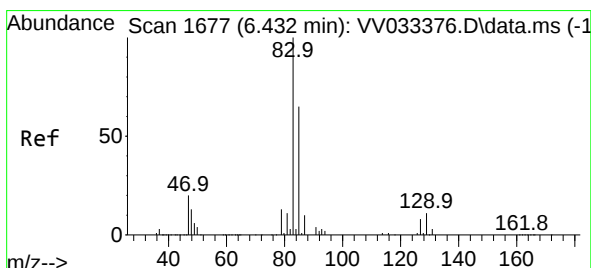
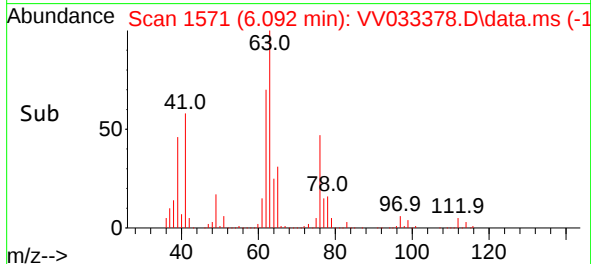
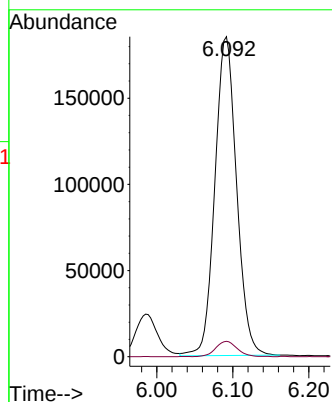
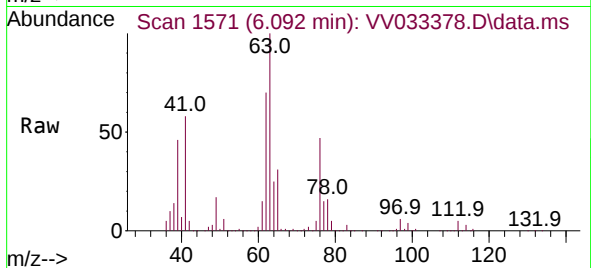
ClientSampleId :

Tgt Ion: 63 Resp: 366560

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 216.056 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

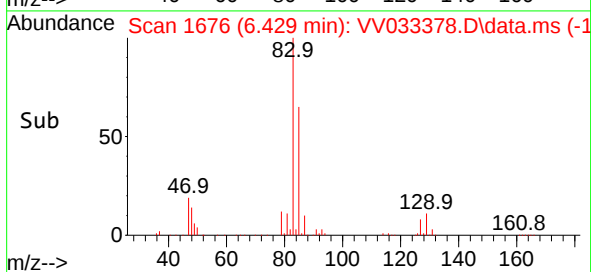
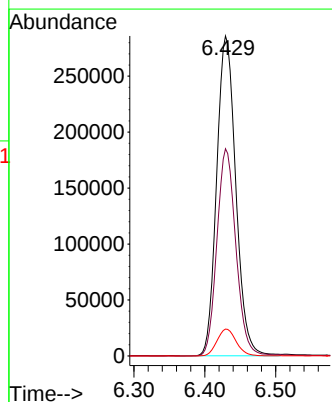
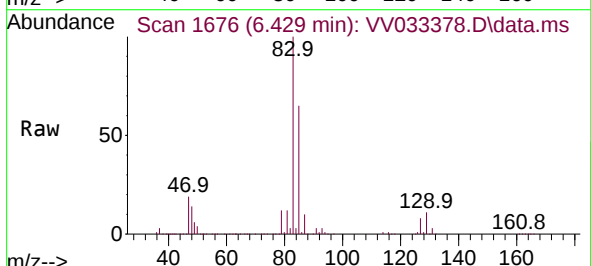
Tgt Ion: 83 Resp: 535900

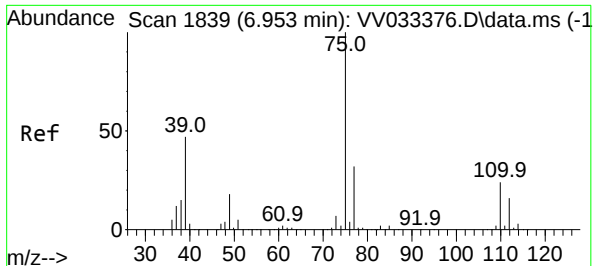
Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 233.906 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

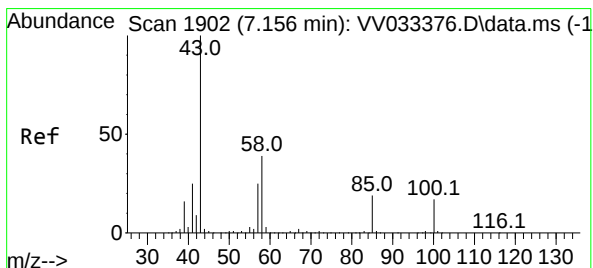
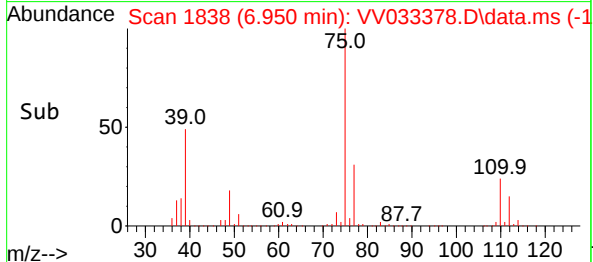
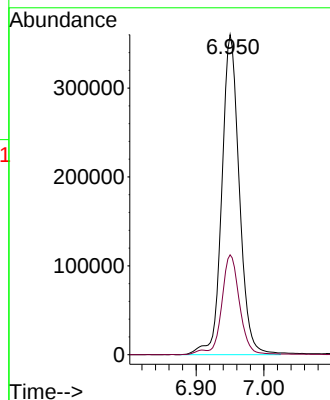
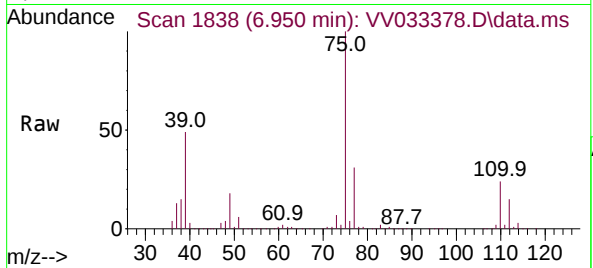
ClientSampleId :

Tgt Ion: 75 Resp: 645432

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 554.360 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

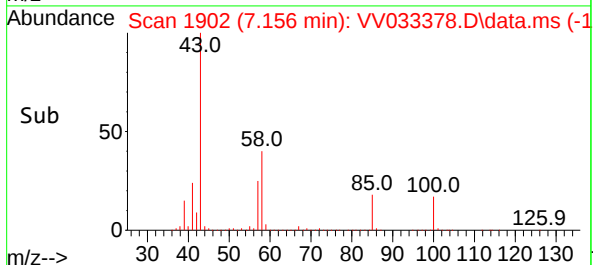
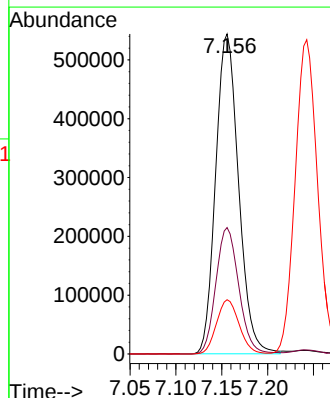
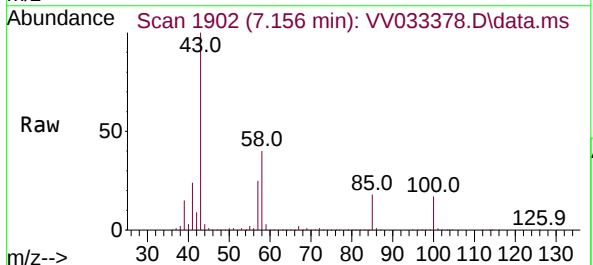
Tgt Ion: 43 Resp: 946302

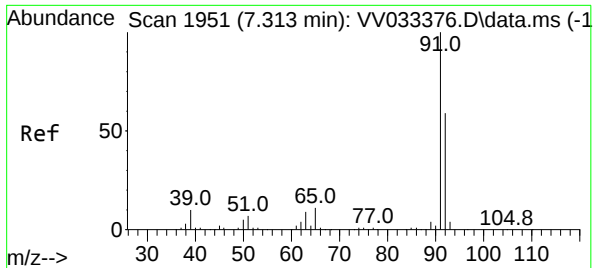
Ion Ratio Lower Upper

43 100

58 39.4 30.7 46.1

100 16.7 13.6 20.4

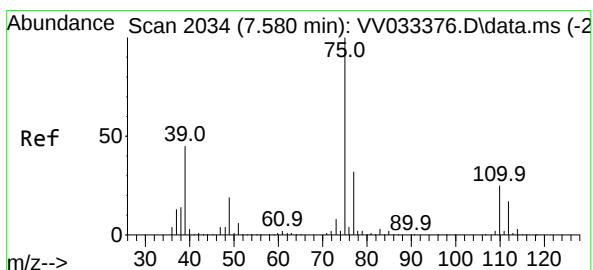
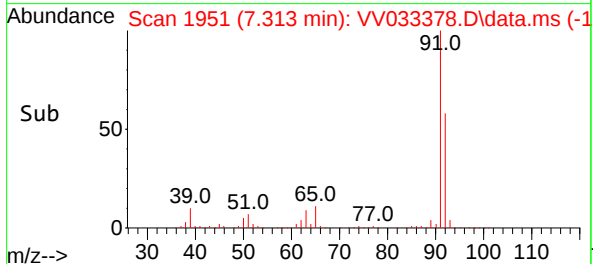
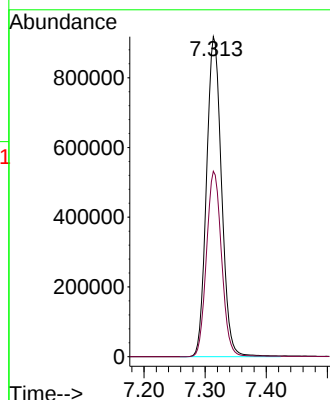
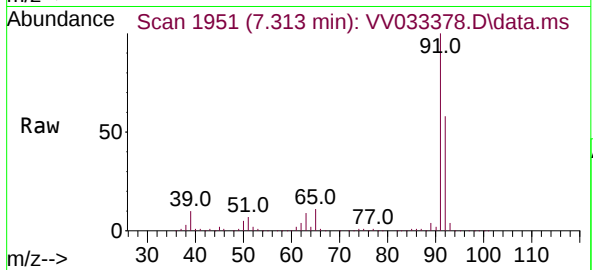




#42
Toluene
Concen: 211.738 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

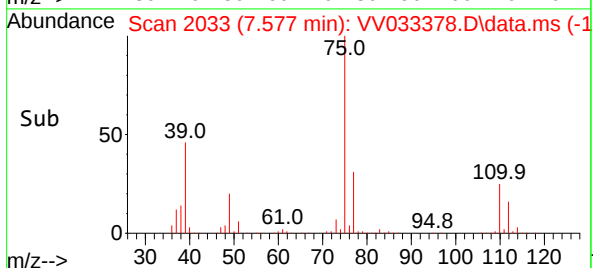
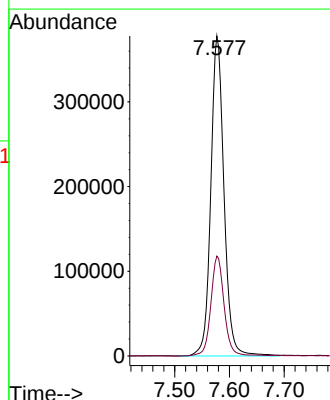
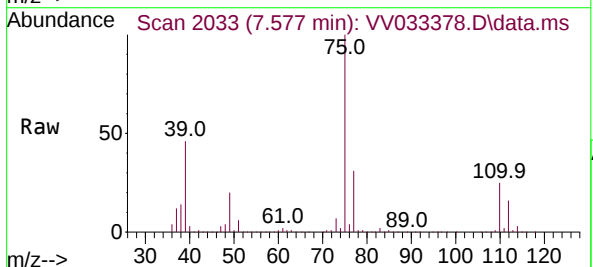
Instrument :
MSVOA_V
ClientSampleId :

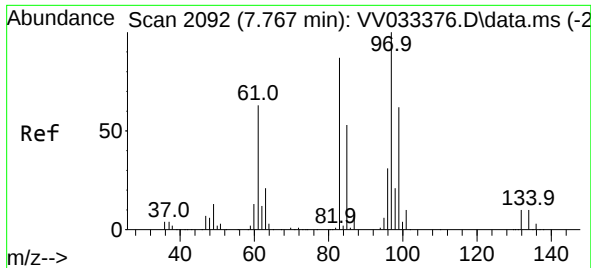
Tgt Ion: 91 Resp: 1568733
Ion Ratio Lower Upper
91 100
92 57.9 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 230.552 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 75 Resp: 632815
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



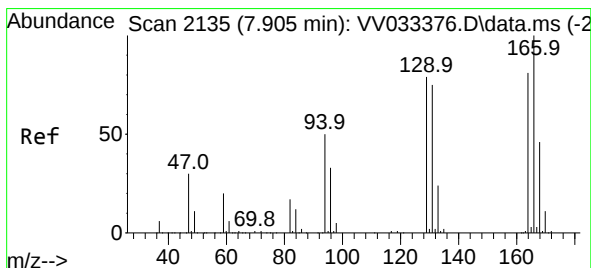
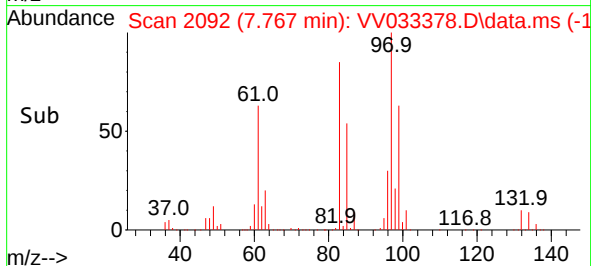
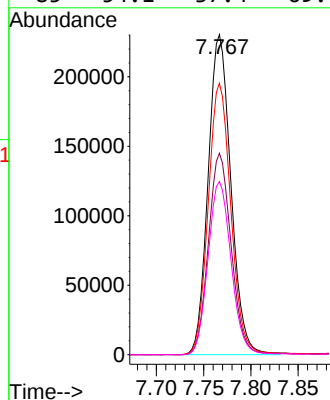
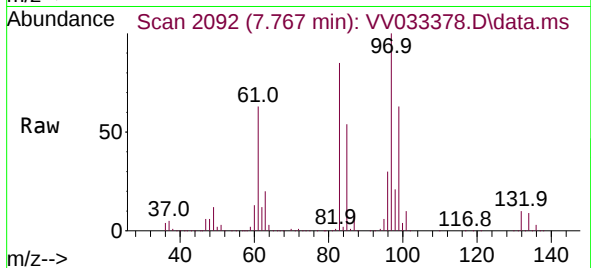


#45
1,1,2-Trichloroethane
Concen: 214.478 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 385828

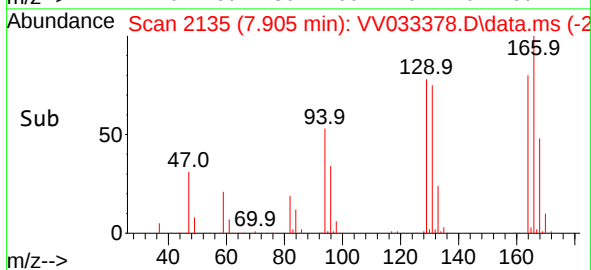
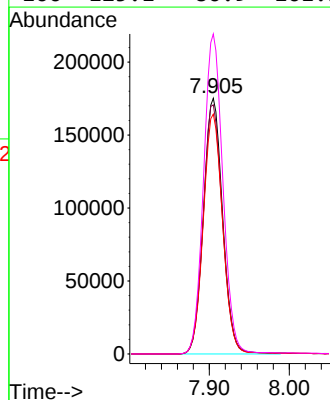
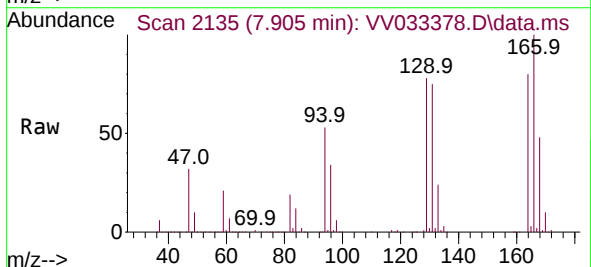
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.5	80.7
83	84.8	61.0	113.4
85	54.1	37.4	69.4

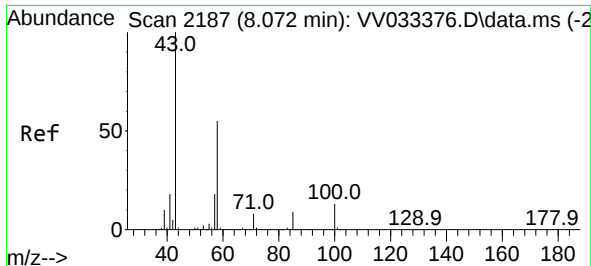


#46
Tetrachloroethene
Concen: 179.552 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 164 Resp: 293464

Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.9	127.9
131	93.8	65.3	121.3
166	125.1	86.9	161.3

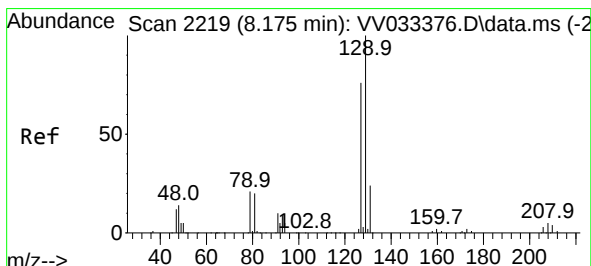
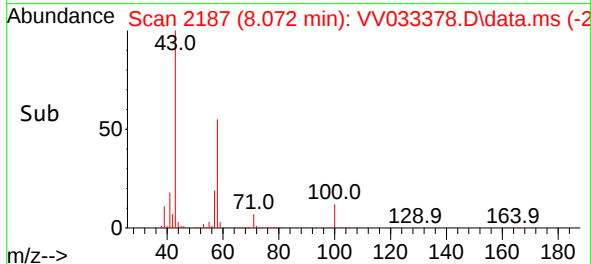
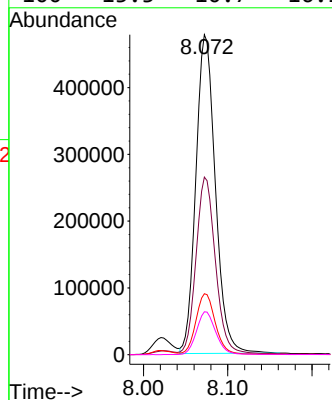
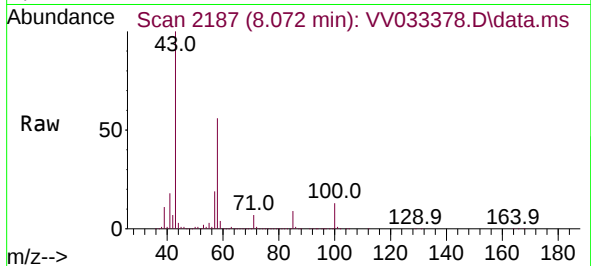




#48
2-Hexanone
Concen: 548.601 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

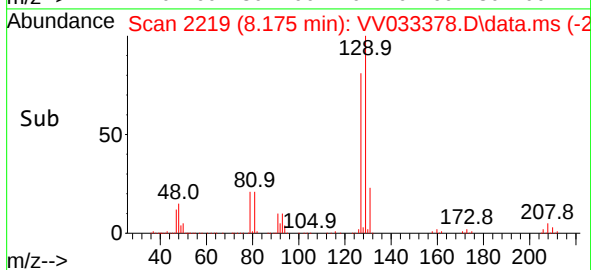
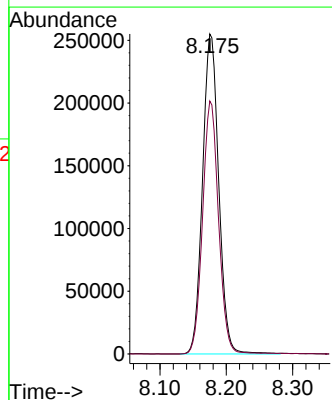
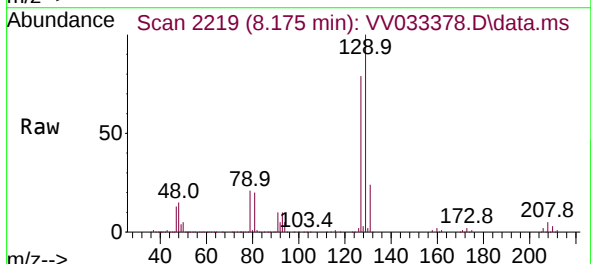
Instrument :
MSVOA_V
ClientSampleId :

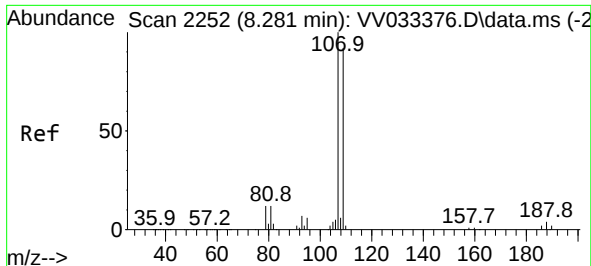
Tgt Ion: 43 Resp: 770879
Ion Ratio Lower Upper
43 100
58 55.6 43.0 64.6
57 18.8 14.7 22.1
100 13.3 10.7 16.1



#49
Dibromochloromethane
Concen: 207.107 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion: 129 Resp: 431857
Ion Ratio Lower Upper
129 100
127 79.1 53.3 98.9





#50

1,2-Dibromoethane

Concen: 216.478 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

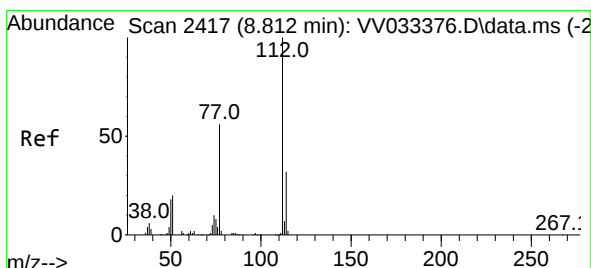
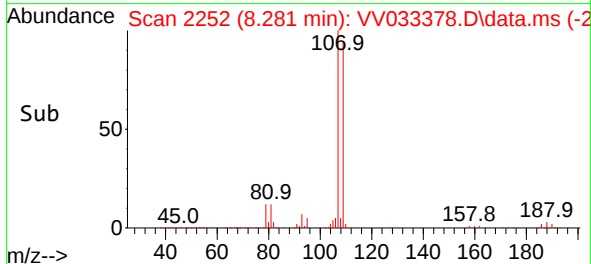
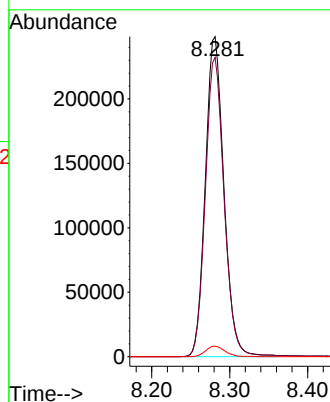
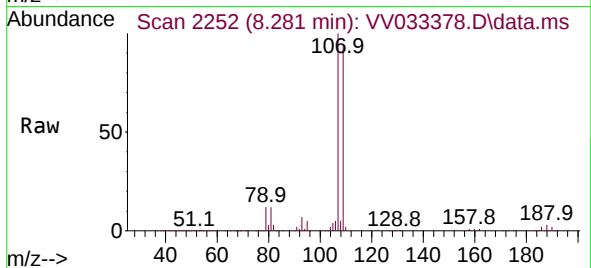
Tgt Ion:107 Resp: 412032

Ion Ratio Lower Upper

107 100

109 93.5 64.2 119.2

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 202.690 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

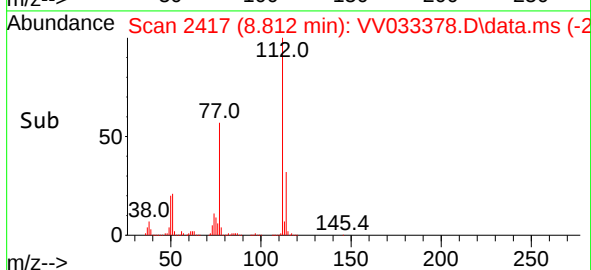
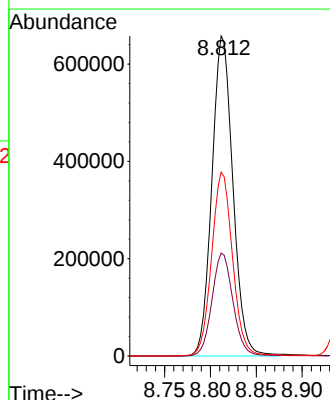
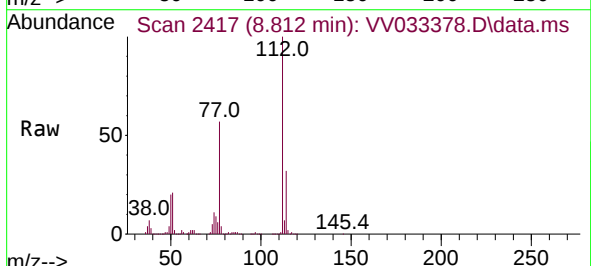
Tgt Ion:112 Resp: 1049811

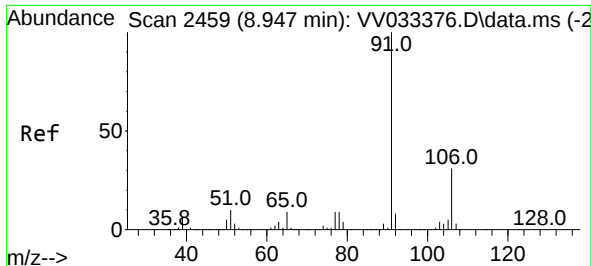
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 57.5 45.2 67.8





#52

Ethylbenzene

Concen: 219.214 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

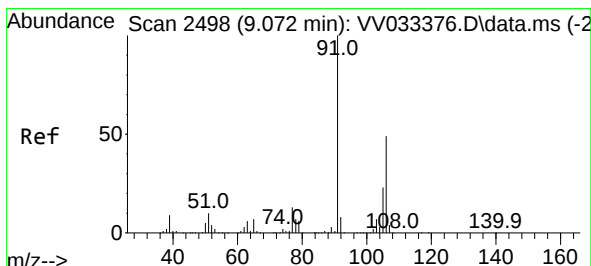
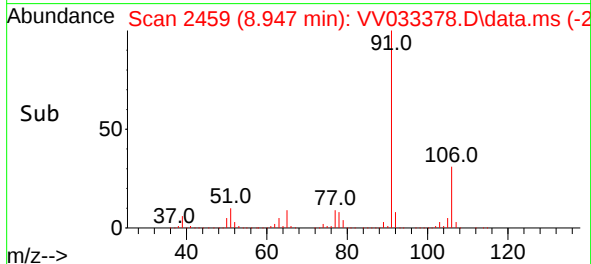
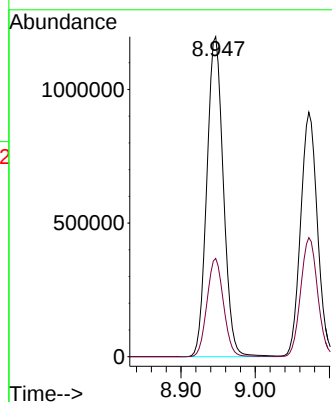
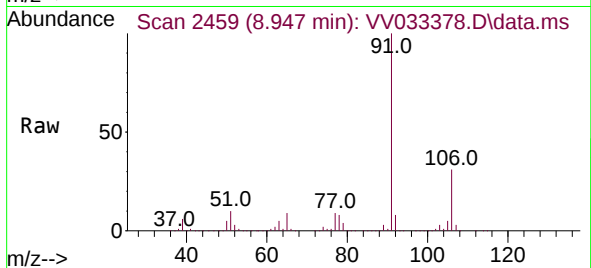
ClientSampleId :

Tgt Ion: 91 Resp: 1848260

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.2



#53

m,p-Xylene

Concen: 211.783 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033378.D

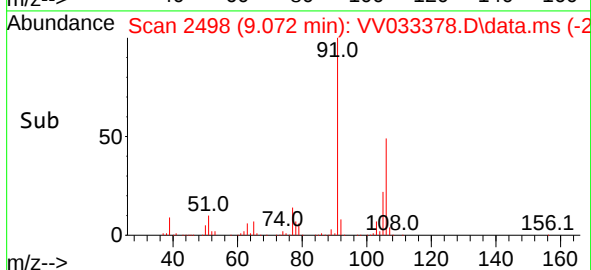
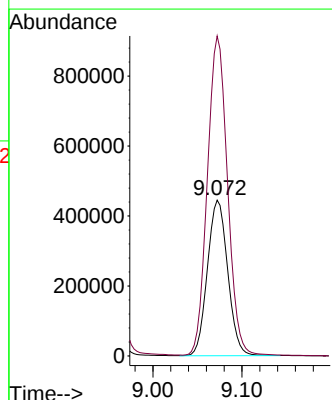
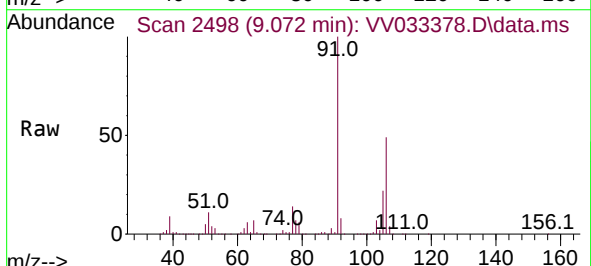
Acq: 15 Dec 2023 15:00

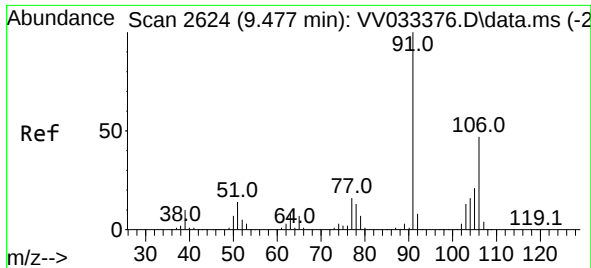
Tgt Ion: 106 Resp: 703611

Ion Ratio Lower Upper

106 100

91 205.4 143.0 265.6

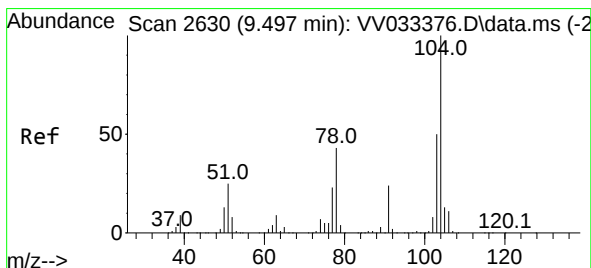
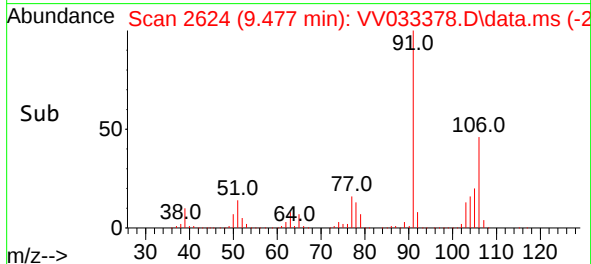
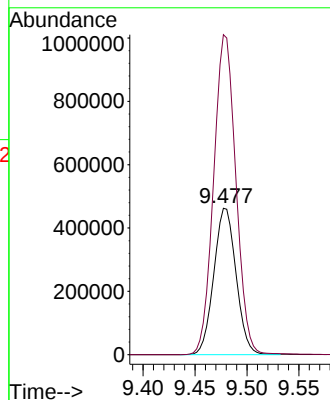
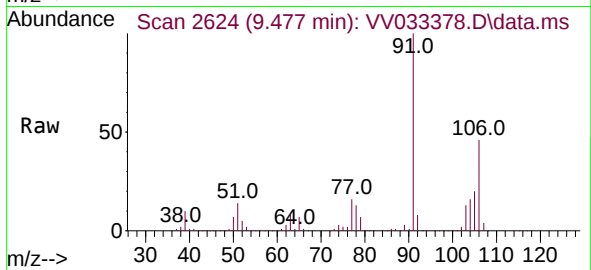




#54
o-Xylene
Concen: 211.716 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

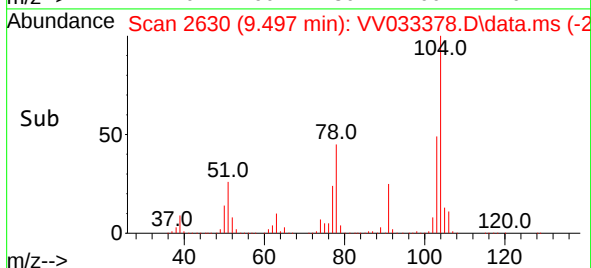
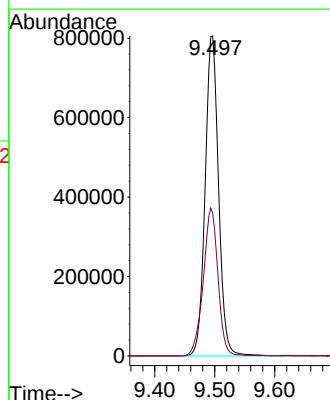
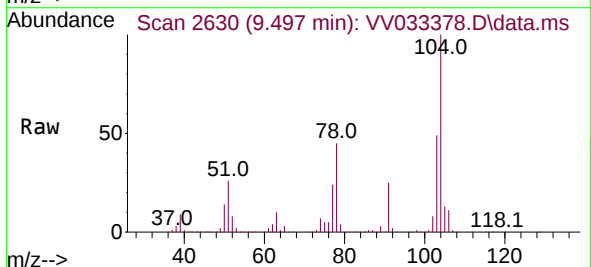
Instrument :
MSVOA_V
ClientSampleId :

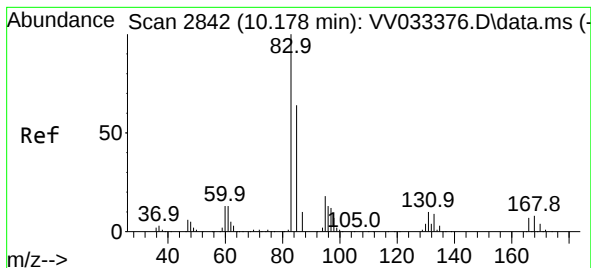
Tgt Ion:106 Resp: 689409
Ion Ratio Lower Upper
106 100
91 218.6 149.7 278.1



#55
Styrene
Concen: 221.358 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion:104 Resp: 1258543
Ion Ratio Lower Upper
104 100
78 44.6 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 249.368 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

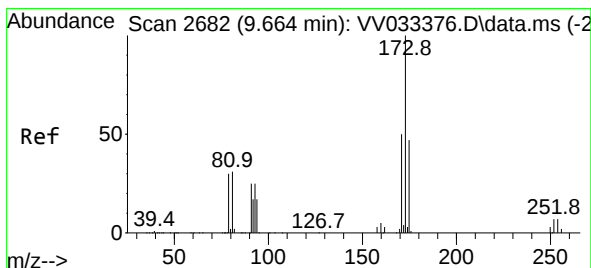
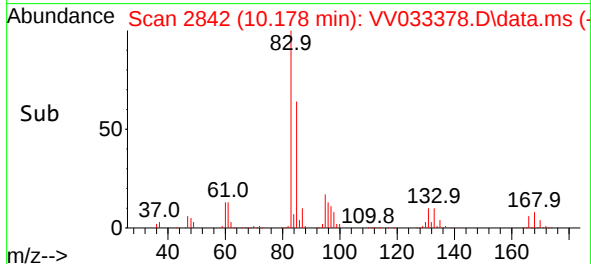
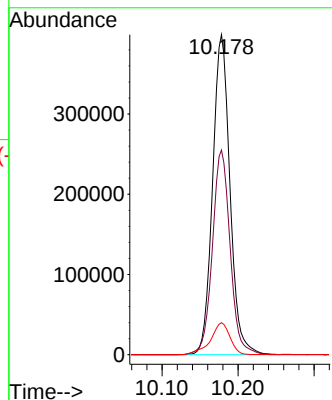
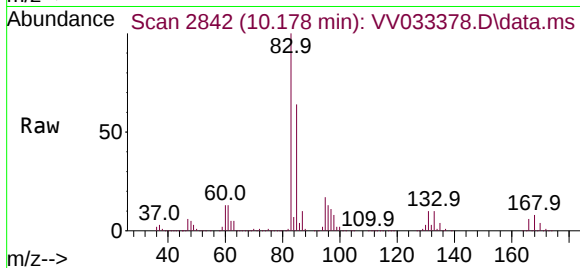
Tgt Ion: 83 Resp: 632527

Ion Ratio Lower Upper

83 100

85 63.9 44.8 83.2

131 10.0 8.6 12.8



#59

Bromoform

Concen: 193.921 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

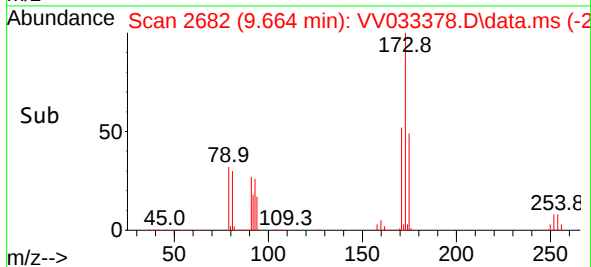
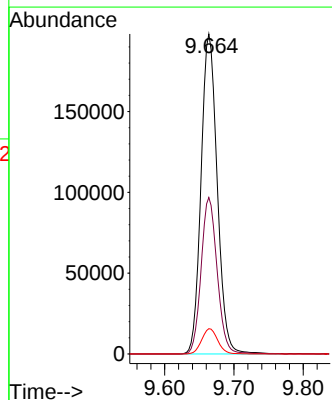
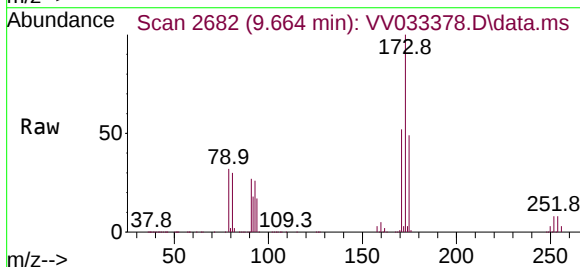
Tgt Ion: 173 Resp: 320974

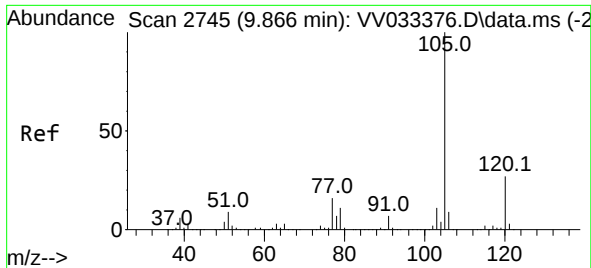
Ion Ratio Lower Upper

173 100

175 48.4 38.8 58.2

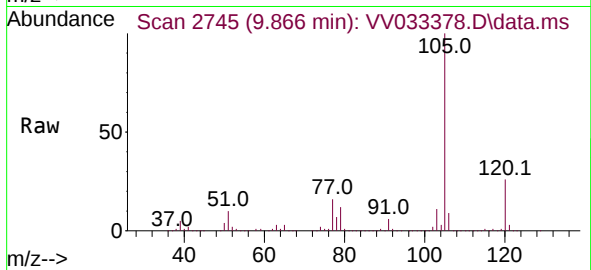
254 7.8 5.8 8.8



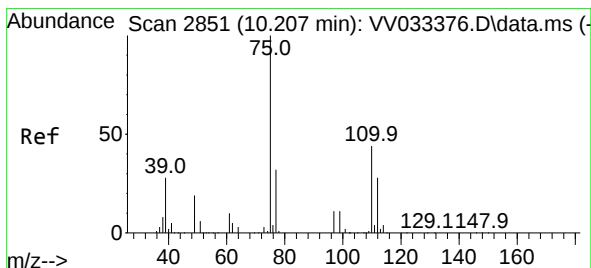
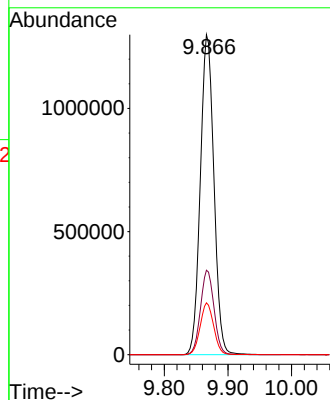
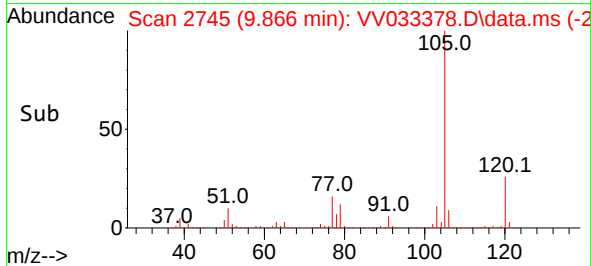


#60
Isopropylbenzene
Concen: 215.437 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

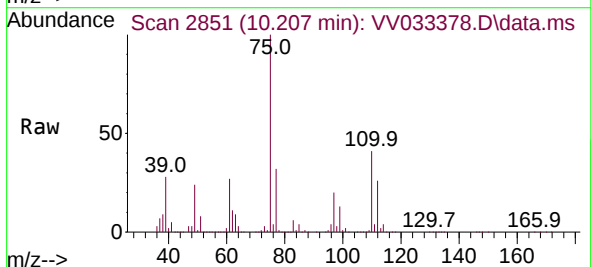
Instrument :
MSVOA_V
ClientSampleId :



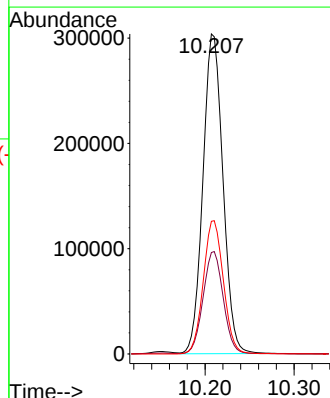
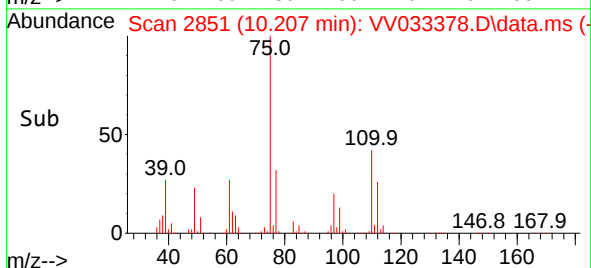
Tgt Ion:105 Resp: 1926060
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 16.1 12.5 18.7

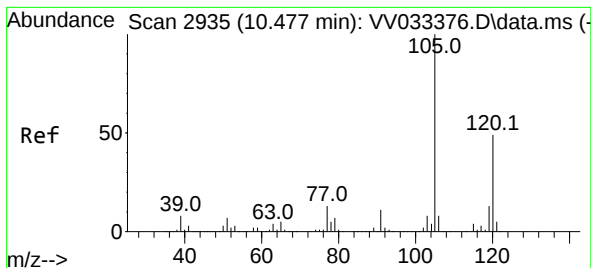


#61
1,2,3-Trichloropropane
Concen: 229.900 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00



Tgt Ion: 75 Resp: 474081
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 41.8 33.9 50.9





#62

1,3,5-Trimethylbenzene

Concen: 220.654 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

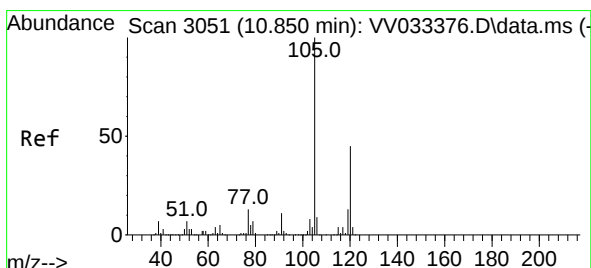
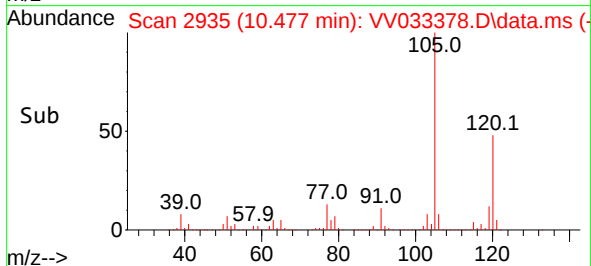
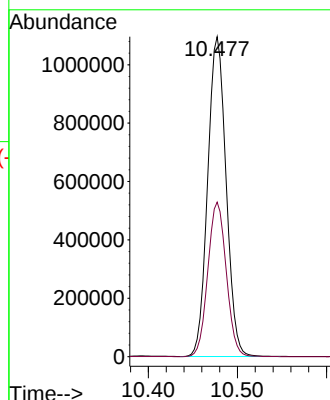
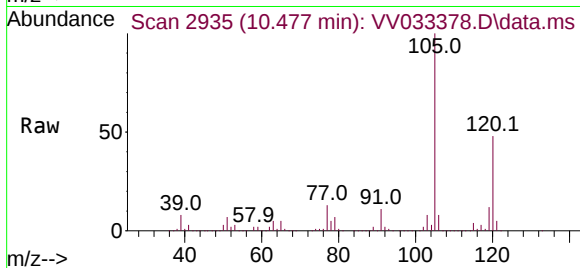
ClientSampleId :

Tgt Ion:105 Resp: 1568890

Ion Ratio Lower Upper

105 100

120 48.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 222.217 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033378.D

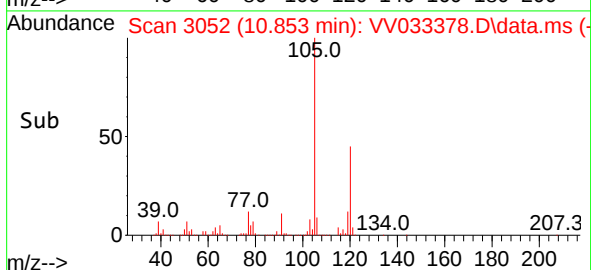
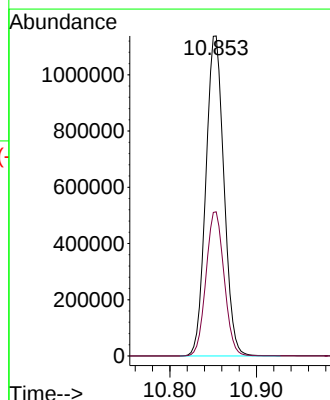
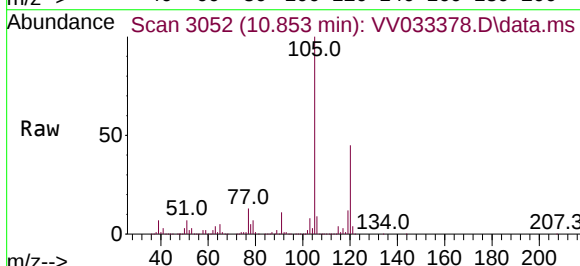
Acq: 15 Dec 2023 15:00

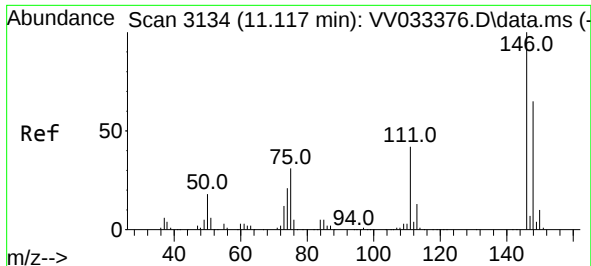
Tgt Ion:105 Resp: 1650228

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.4

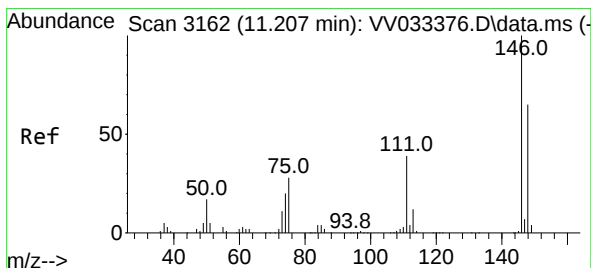
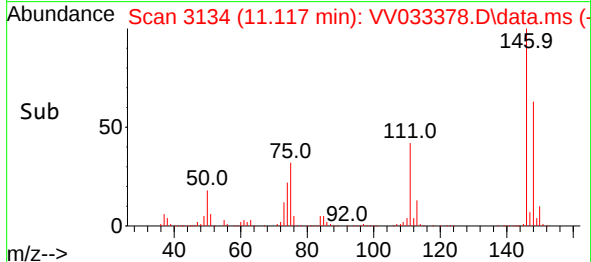
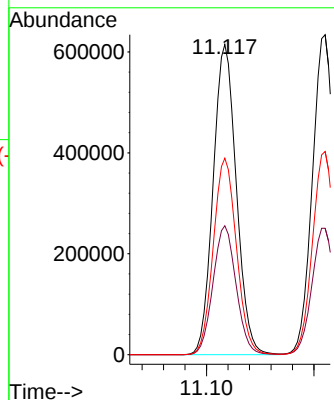
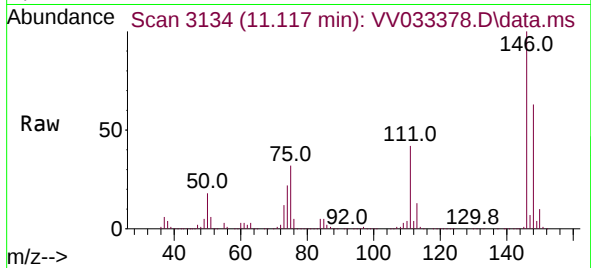




#64
1,3-Dichlorobenzene
Concen: 194.567 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

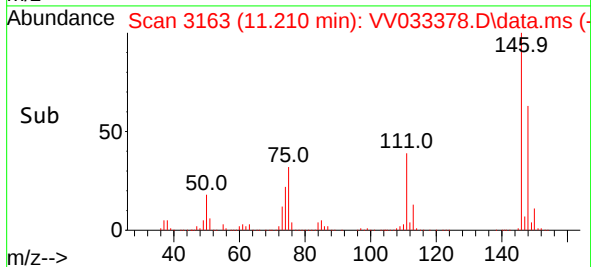
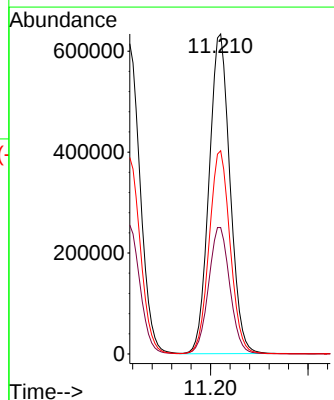
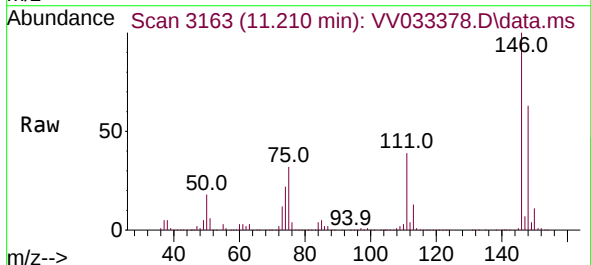
Instrument :
MSVOA_V
ClientSampleId :

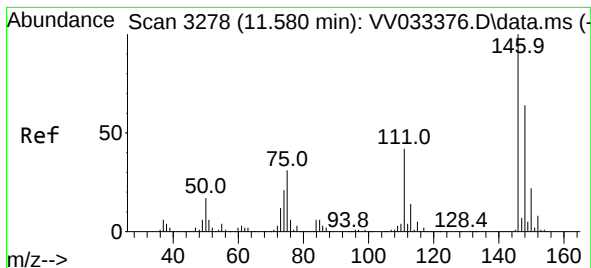
Tgt Ion:146 Resp: 920757
Ion Ratio Lower Upper
146 100
111 41.6 29.3 54.5
148 63.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 191.579 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033378.D
Acq: 15 Dec 2023 15:00

Tgt Ion:146 Resp: 946085
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.7
148 63.5 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 199.228 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

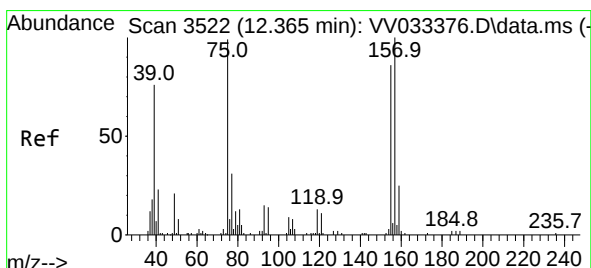
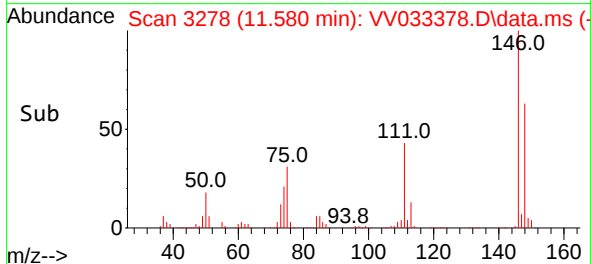
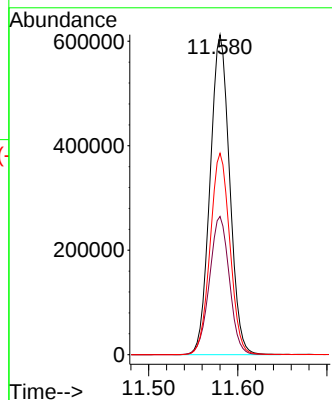
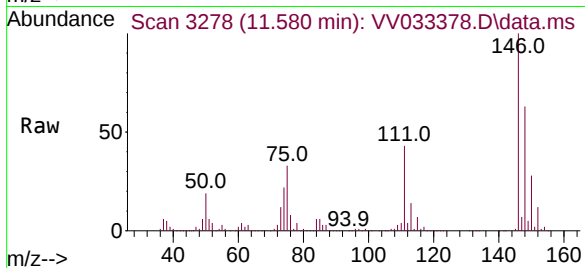
Tgt Ion:146 Resp: 933464

Ion Ratio Lower Upper

146 100

111 43.2 33.5 50.3

148 62.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 233.359 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

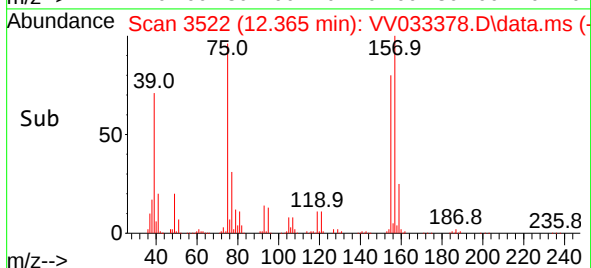
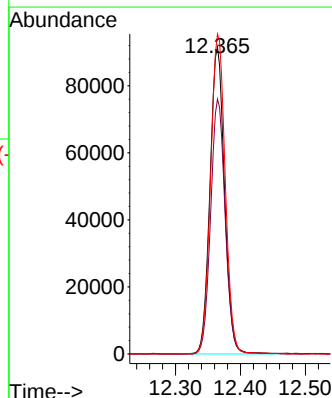
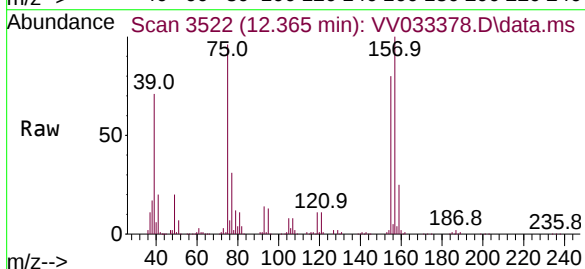
Tgt Ion: 75 Resp: 142580

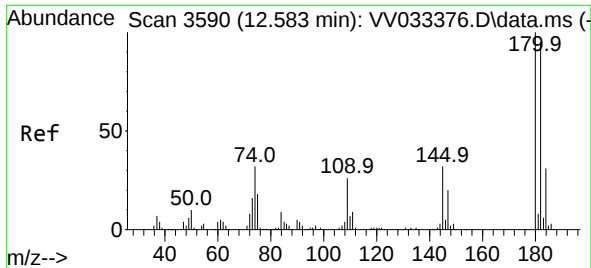
Ion Ratio Lower Upper

75 100

155 82.9 69.4 104.0

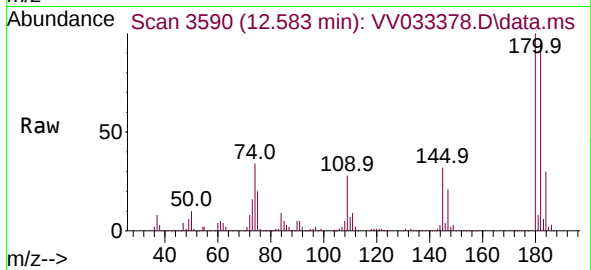
157 104.2 81.1 121.7



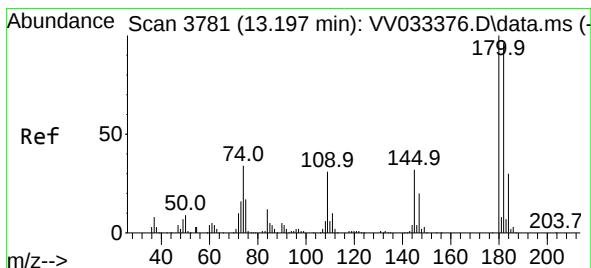
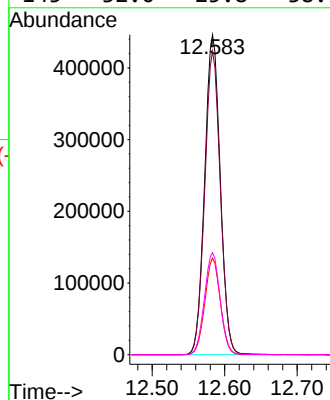
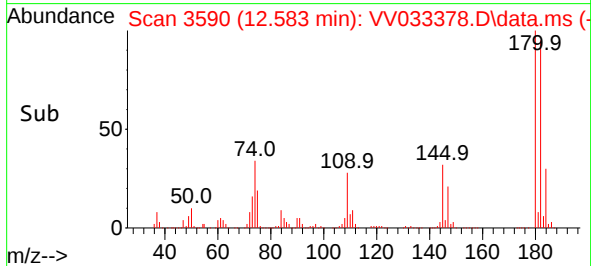


#69
 1,3,5-Trichlorobenzene
 Concen: 181.410 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00

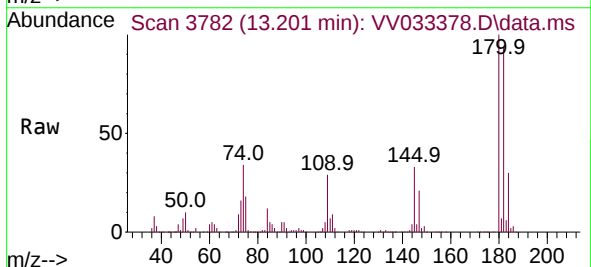
Instrument :
 MSVOA_V
 ClientSampleId :



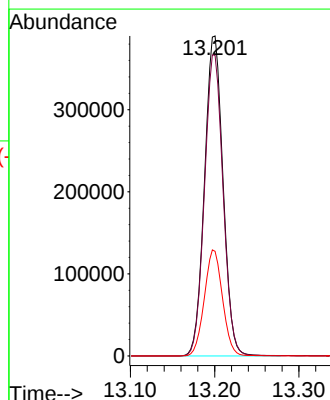
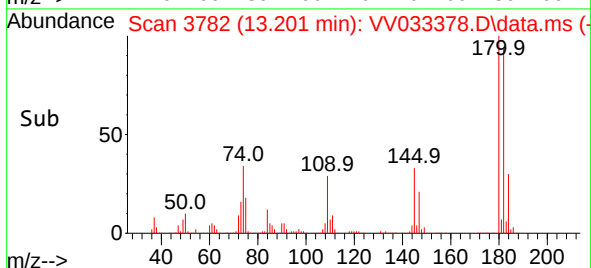
Tgt Ion:180 Resp: 668257
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 184 30.1 24.4 36.6
 145 32.0 25.8 38.6

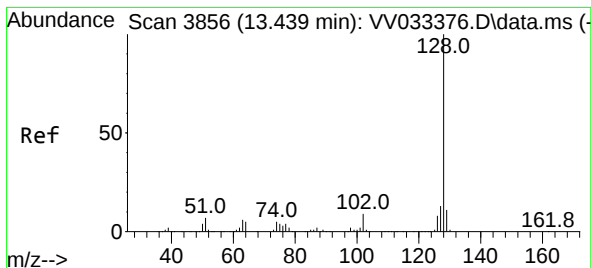


#70
 1,2,4-trichlorobenzene
 Concen: 177.927 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV033378.D
 Acq: 15 Dec 2023 15:00



Tgt Ion:180 Resp: 596245
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 145 32.7 25.6 38.4





#71

Naphthalene

Concen: 206.355 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

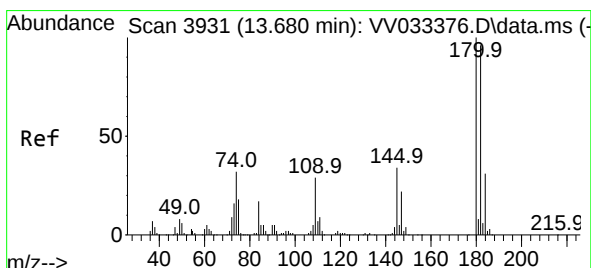
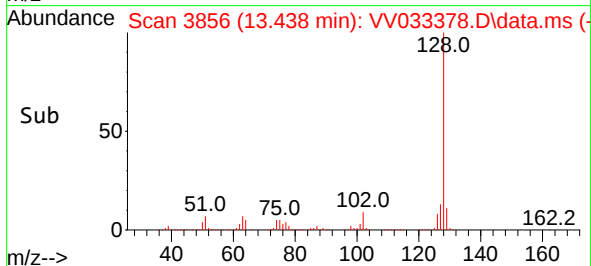
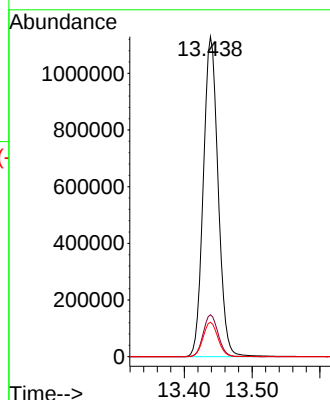
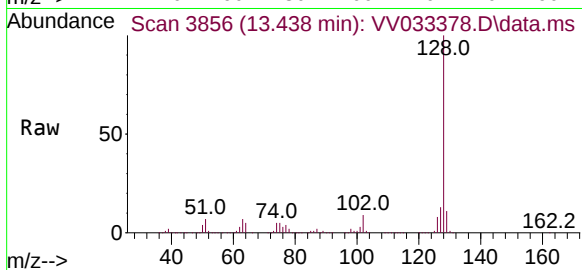
Tgt Ion:128 Resp: 1711979

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 173.686 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033378.D

Acq: 15 Dec 2023 15:00

Tgt Ion:180 Resp: 567271

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 35.4 27.1 40.7

