

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111823\
 Data File : VW033010.D
 Acq On : 18 Nov 2023 17:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 6.10g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 01:21:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 01:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	329205	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	329723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	200989	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91864	32.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.980%
7) Chloroethane-d5	1.529	69	71325	30.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.840%#
11) 1,1-Dichloroethene-d2	2.056	65	36404	30.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.020%
21) 2-Butanone-d5	3.780	46	143099	119.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.900%
24) Chloroform-d	4.249	84	224176	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	4.941	65	141882	48.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
32) Benzene-d6	4.960	84	413353	45.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	5.989	67	120803	46.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.420%
41) Toluene-d8	7.243	98	385882	46.542	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	7.551	79	68696	49.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.000%
47) 2-Hexanone-d5	8.024	63	120334	125.657	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	192885	50.372	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.740%
66) 1,2-Dichlorobenzene-d4	11.561	152	184255	47.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	168572	59.218	ug/L	99
3) Chloromethane	1.214	50	127503	45.330	ug/L	97
5) Vinyl chloride	1.282	62	118227	41.774	ug/L	99
6) Bromomethane	1.481	94	74017	39.453	ug/L	99
8) Chloroethane	1.548	64	64292	35.972	ug/L	97
9) Trichlorofluoromethane	1.712	101	190217	42.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91930	35.315	ug/L	93
12) 1,1-Dichloroethene	2.069	96	88963	38.206	ug/L	89
13) Acetone	2.108	43	93979	58.984	ug/L	100
14) Carbon disulfide	2.240	76	289815	43.706	ug/L	100
15) Methyl Acetate	2.371	43	105473	56.303	ug/L	98
16) Methylene chloride	2.445	84	119853	48.245	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	111785	48.493	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	362689	53.612	ug/L	99
19) 1,1-Dichloroethane	3.111	63	200056	48.578	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	127878	51.512	ug/L	99
22) 2-Butanone	3.863	43	145715	98.186	ug/L	100
23) Bromochloromethane	4.150	128	68371	49.034	ug/L	94
25) Chloroform	4.275	83	226914	49.933	ug/L	100

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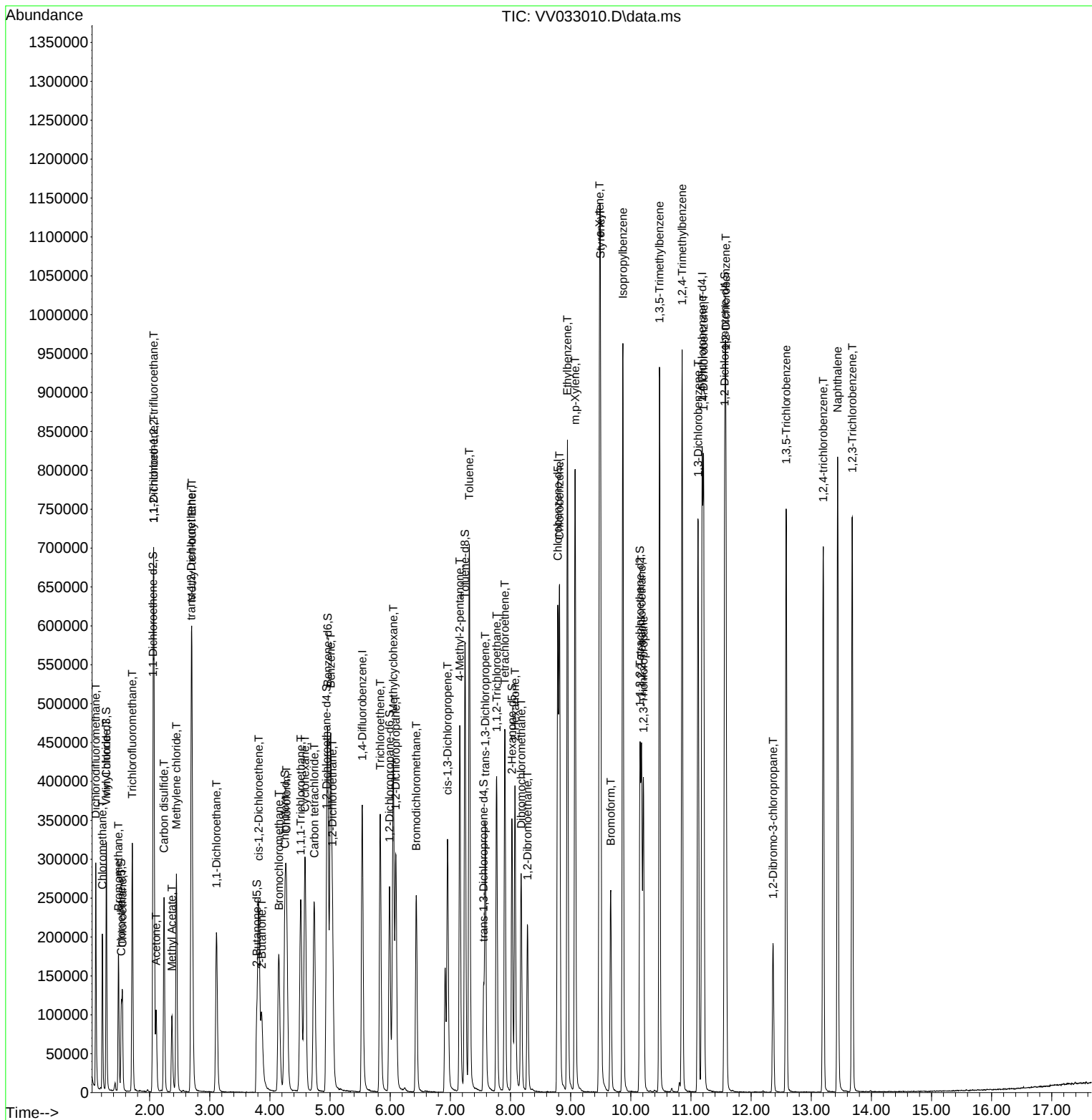
Instrument :
 MSVOA_V
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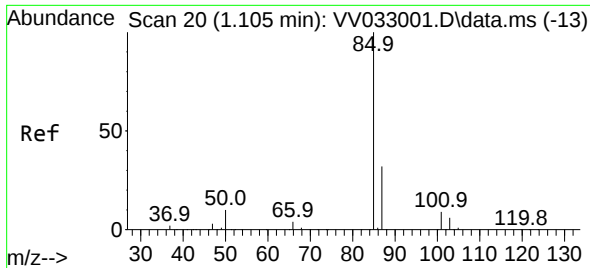
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 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 01:19:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	179578	52.387	ug/L	98
29) Cyclohexane	4.584	56	159995	50.493	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	212108	52.492	ug/L	98
31) Carbon tetrachloride	4.738	117	193215	53.471	ug/L	99
33) Benzene	5.011	78	465514	51.983	ug/L	100
34) Trichloroethene	5.834	95	123068	50.566	ug/L	96
35) Methylcyclohexane	6.053	83	182869	49.857	ug/L	99
37) 1,2-Dichloropropane	6.092	63	113731	50.854	ug/L	99
38) Bromodichloromethane	6.432	83	170760	51.184	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	190374	51.183	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	287581	120.582	ug/L	98
42) Toluene	7.317	91	512048	52.399	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	196366	54.352	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	126566	50.998	ug/L	99
46) Tetrachloroethene	7.905	164	107130	51.169	ug/L	98
48) 2-Hexanone	8.075	43	227103	109.297	ug/L	97
49) Dibromochloromethane	8.178	129	143236	53.575	ug/L	98
50) 1,2-Dibromoethane	8.281	107	135009	51.109	ug/L	100
51) Chlorobenzene	8.815	112	342206	50.551	ug/L	99
52) Ethylbenzene	8.947	91	576982	53.315	ug/L	99
53) m,p-Xylene	9.075	106	226519	54.436	ug/L	96
54) o-Xylene	9.481	106	221948	55.316	ug/L	95
55) Styrene	9.497	104	403187	56.970	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	193236	50.611	ug/L	99
59) Bromoform	9.667	173	117161	54.794	ug/L	99
60) Isopropylbenzene	9.870	105	608406	51.135	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	152036	51.677	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	484303	53.658	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	505515	53.566	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	311192	50.148	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	315524	47.409	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	311100	49.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	46323	56.339	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	234086	50.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	218389	52.219	ug/L	99
71) Naphthalene	13.439	128	638709	58.115	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	228531	54.296	ug/L	99

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

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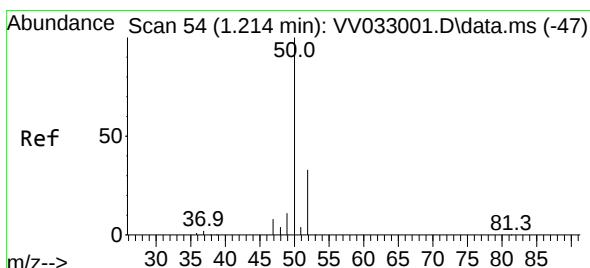
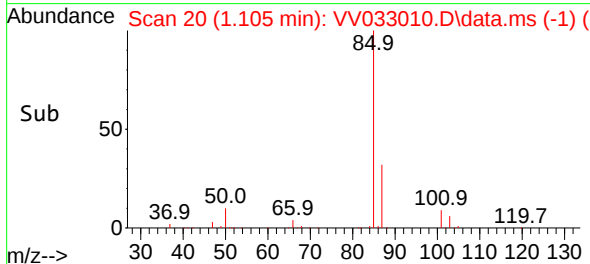
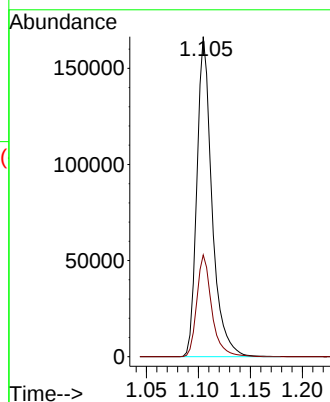
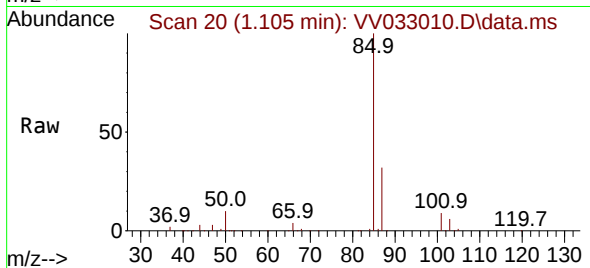




#2
 Dichlorodifluoromethane
 Concen: 59.218 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033010.D
 Acq: 18 Nov 2023 17:56

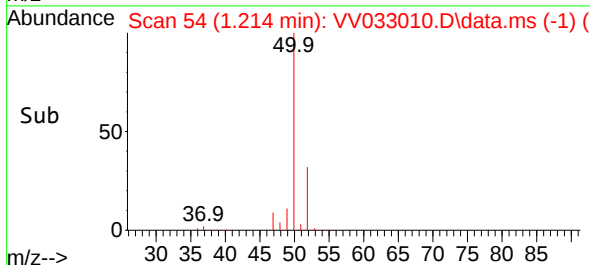
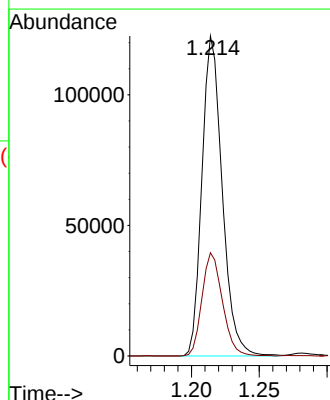
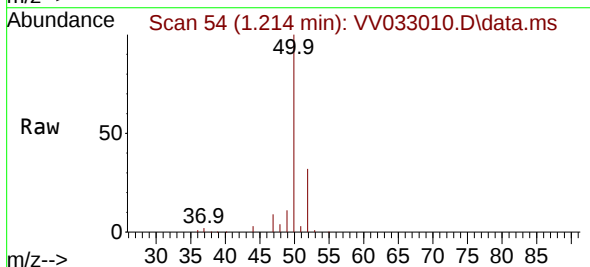
Instrument :
 MSVOA_V
 ClientSampleId :

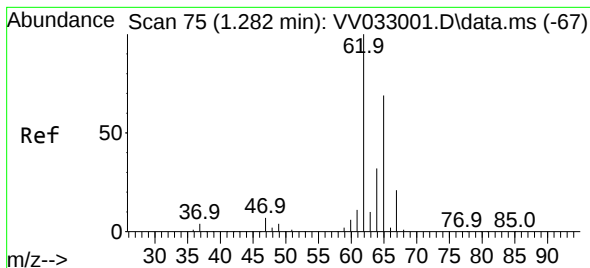
Tgt Ion: 85 Resp: 168572
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.8



#3
 Chloromethane
 Concen: 45.330 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033010.D
 Acq: 18 Nov 2023 17:56

Tgt Ion: 50 Resp: 127503
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.6 43.8





#5

Vinyl chloride

Concen: 41.774 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

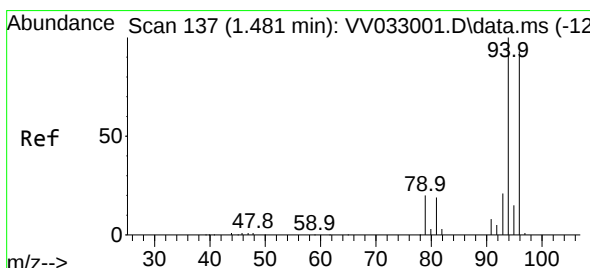
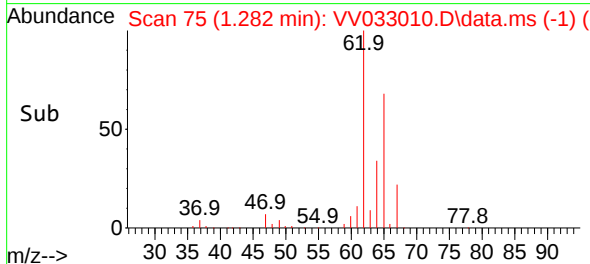
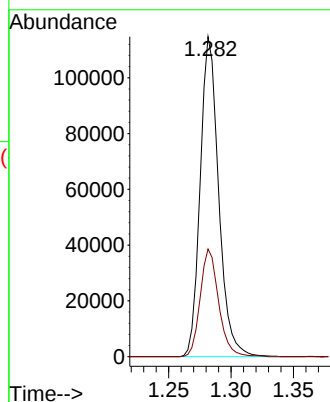
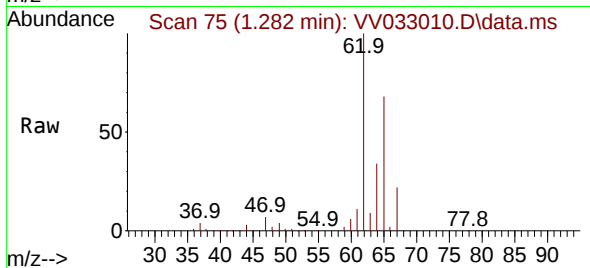
ClientSampleId :

Tgt Ion: 62 Resp: 118227

Ion Ratio Lower Upper

62 100

64 33.6 23.1 42.9



#6

Bromomethane

Concen: 39.453 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV033010.D

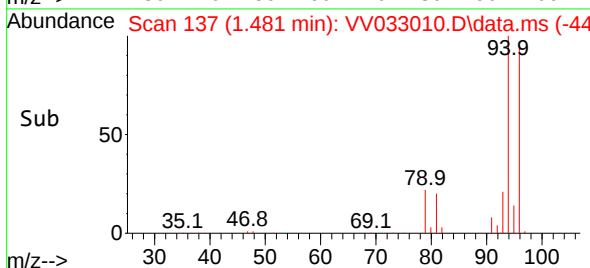
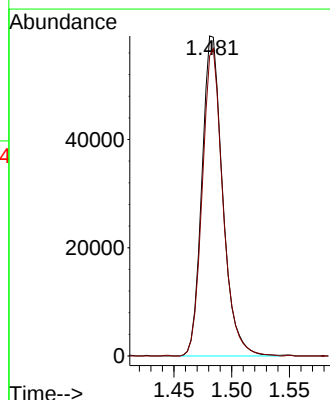
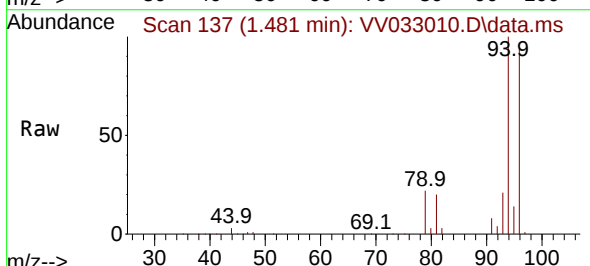
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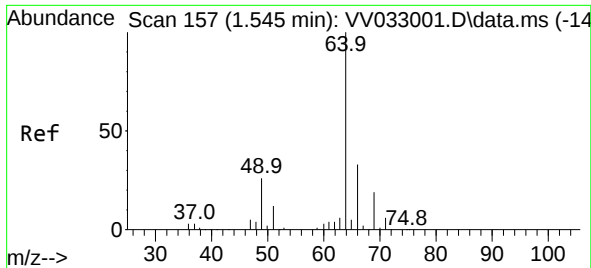
Tgt Ion: 94 Resp: 74017

Ion Ratio Lower Upper

94 100

96 93.8 66.0 122.6





#8

Chloroethane

Concen: 35.972 ug/L

RT: 1.548 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

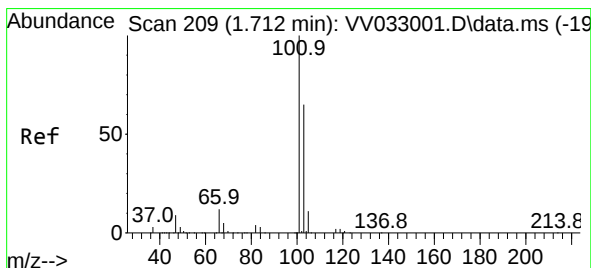
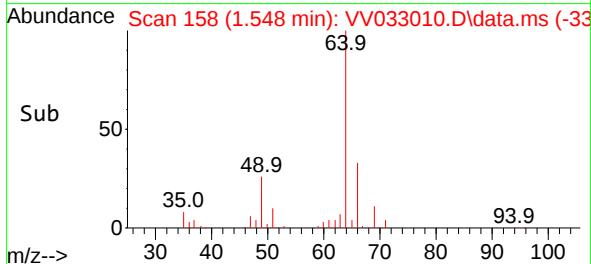
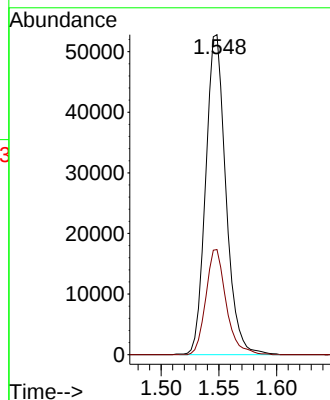
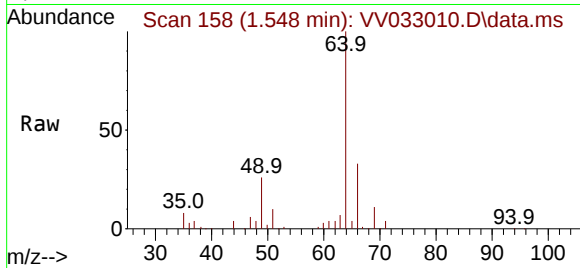
ClientSampleId :

Tgt Ion: 64 Resp: 64292

Ion Ratio Lower Upper

64 100

66 32.8 22.0 40.8



#9

Trichlorofluoromethane

Concen: 42.330 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV033010.D

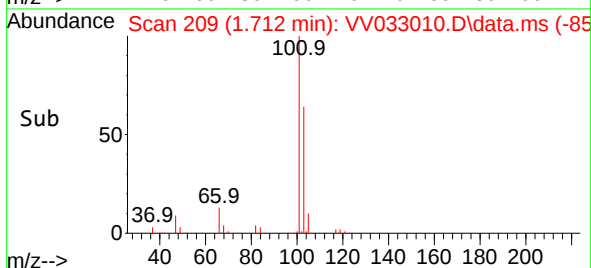
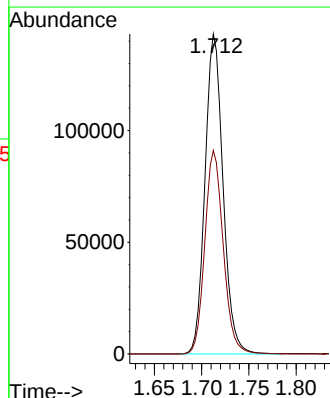
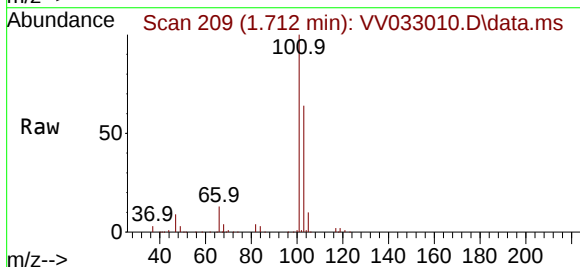
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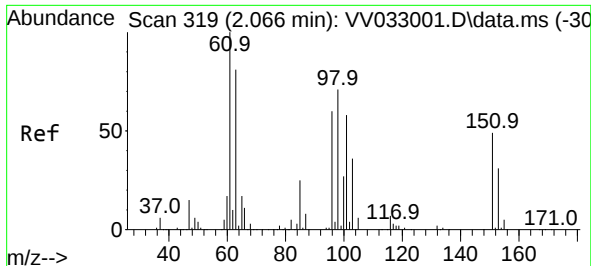
Tgt Ion:101 Resp: 190217

Ion Ratio Lower Upper

101 100

103 64.9 51.2 76.8





#10

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

Concen: 35.315 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

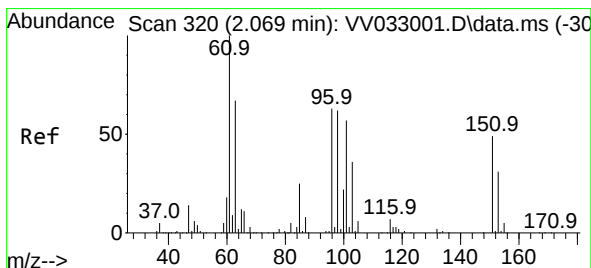
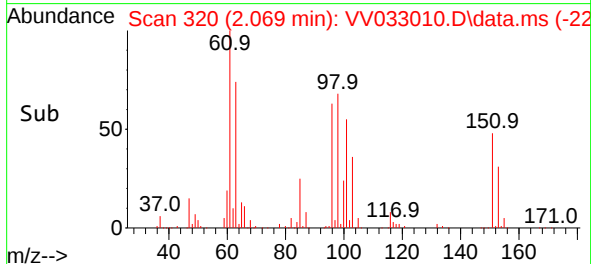
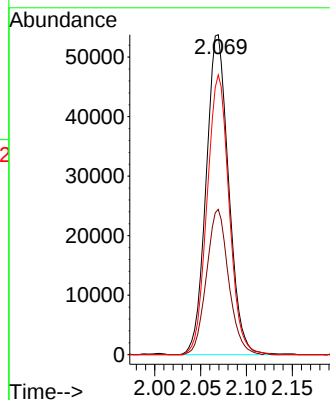
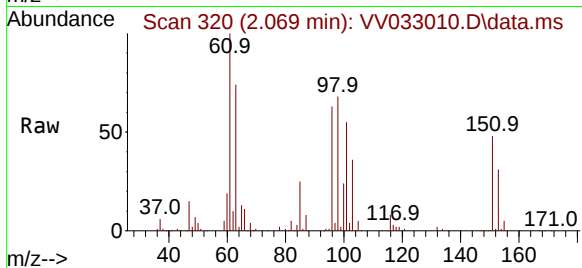
Tgt Ion:101 Resp: 91930

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

151 85.6 60.6 91.0



#12

1,1-Dichloroethene

Concen: 38.206 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

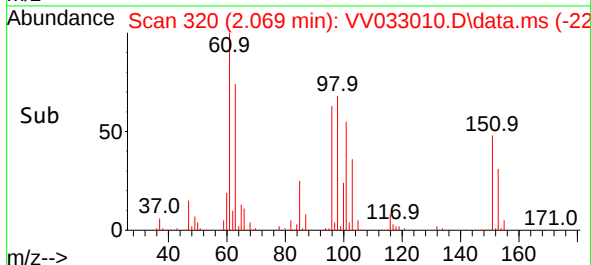
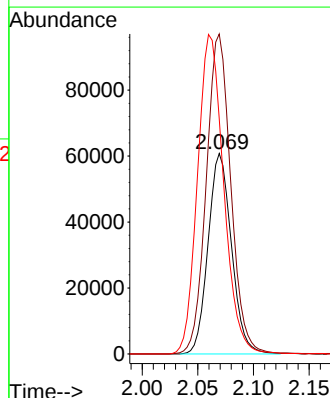
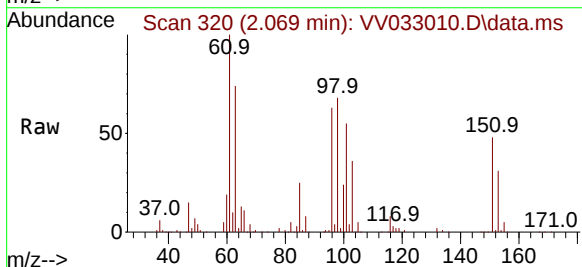
Tgt Ion: 96 Resp: 88963

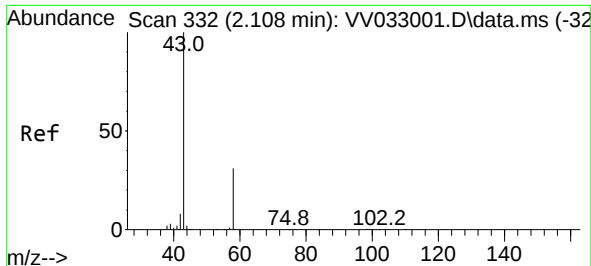
Ion Ratio Lower Upper

96 100

61 159.6 119.6 222.0

63 117.3 95.1 176.7





#13

Acetone

Concen: 58.984 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

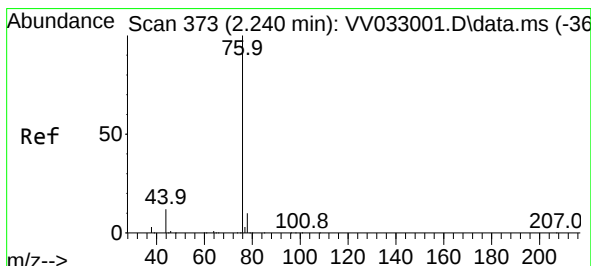
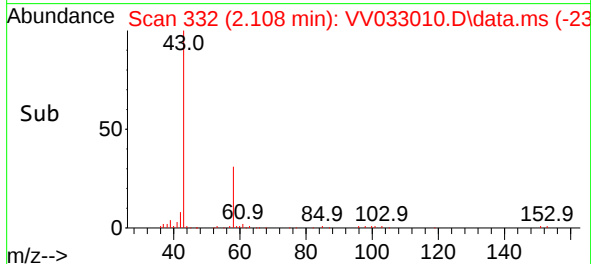
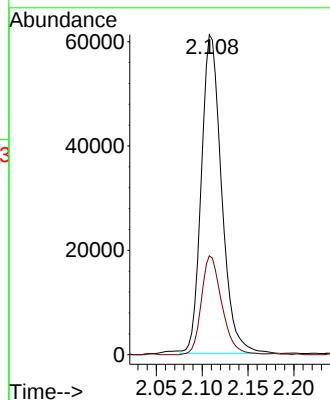
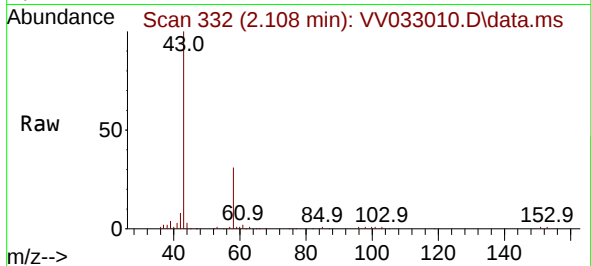
ClientSampleId :

Tgt Ion: 43 Resp: 93979

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.8



#14

Carbon disulfide

Concen: 43.706 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033010.D

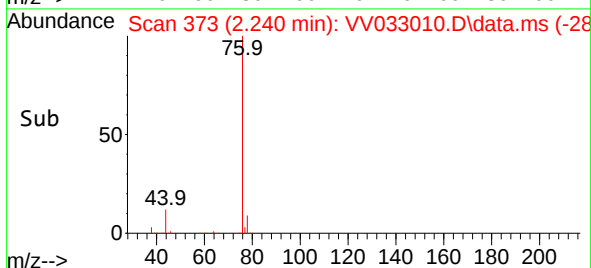
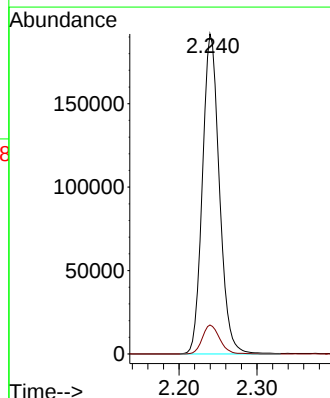
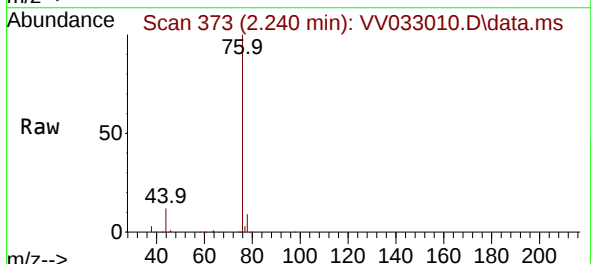
Acq: 18 Nov 2023 17:56

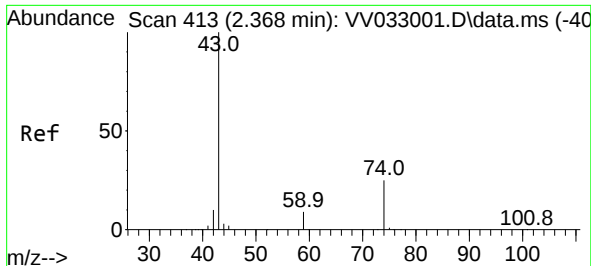
Tgt Ion: 76 Resp: 289815

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

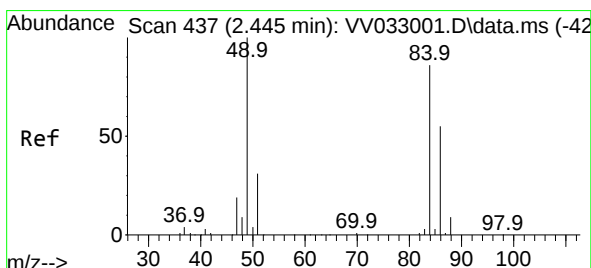
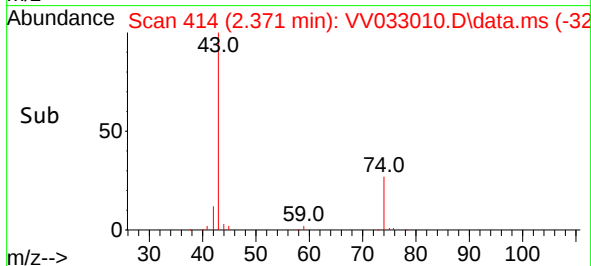
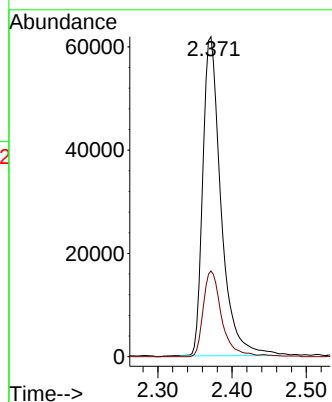
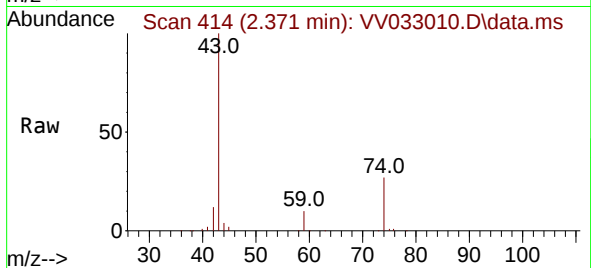




#15
Methyl Acetate
Concen: 56.303 ug/L
RT: 2.371 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

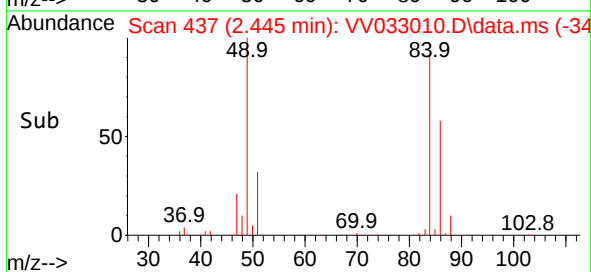
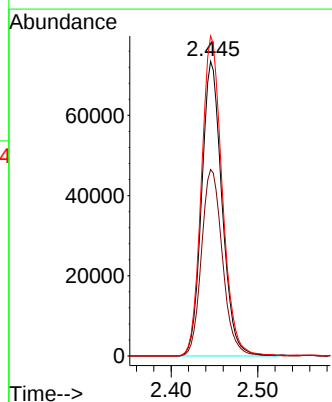
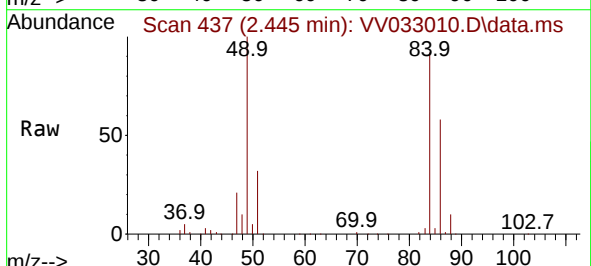
Instrument :
MSVOA_V
ClientSampleId :

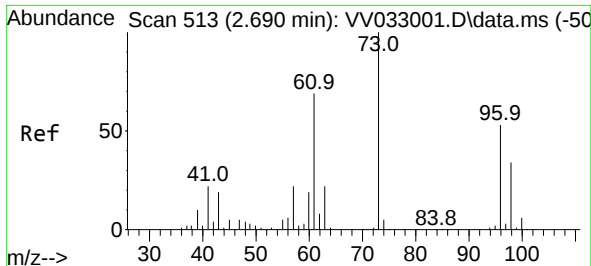
Tgt Ion: 43 Resp: 105473
Ion Ratio Lower Upper
43 100
74 26.9 20.8 31.2



#16
Methylene chloride
Concen: 48.245 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 84 Resp: 119853
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 108.6 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 48.493 ug/L

RT: 2.693 min Scan# 511

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

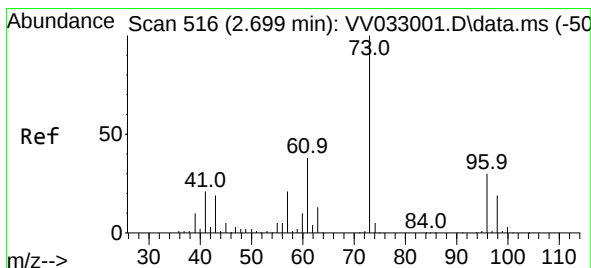
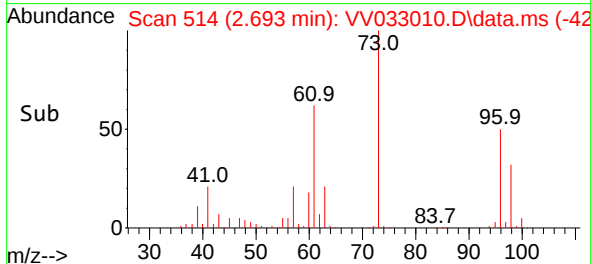
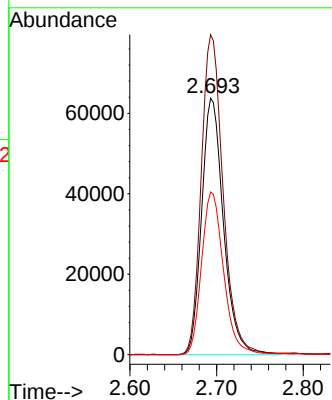
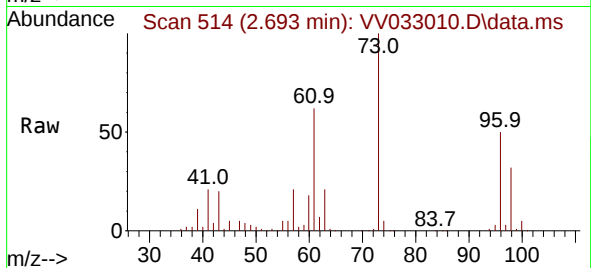
Tgt Ion: 96 Resp: 111785

Ion Ratio Lower Upper

96 100

61 124.7 86.9 161.5

98 63.4 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 53.612 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

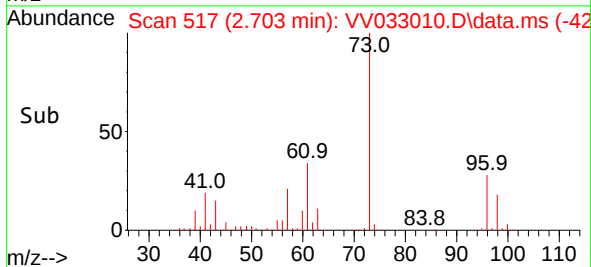
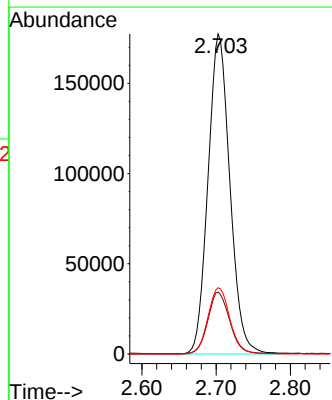
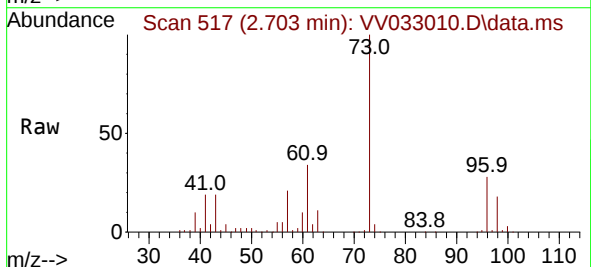
Tgt Ion: 73 Resp: 362689

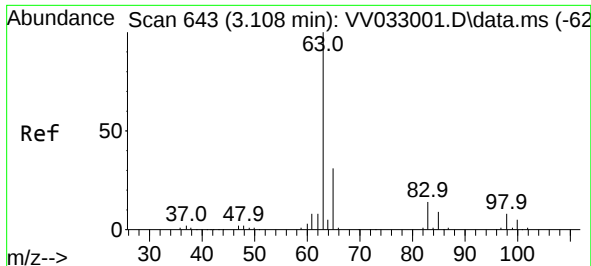
Ion Ratio Lower Upper

73 100

43 19.0 15.7 23.5

57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 48.578 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

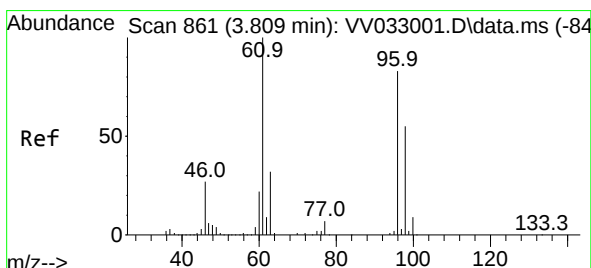
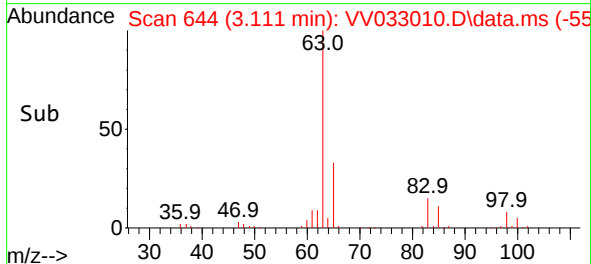
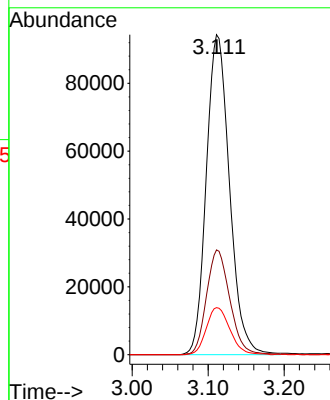
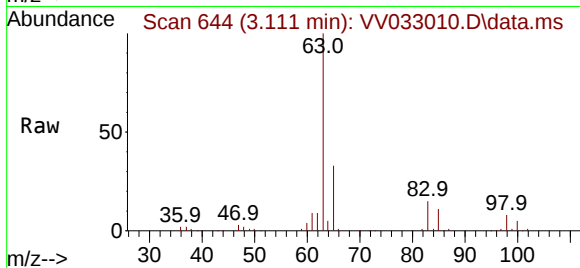
Tgt Ion: 63 Resp: 200056

Ion Ratio Lower Upper

63 100

65 32.8 22.0 41.0

83 14.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 51.512 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

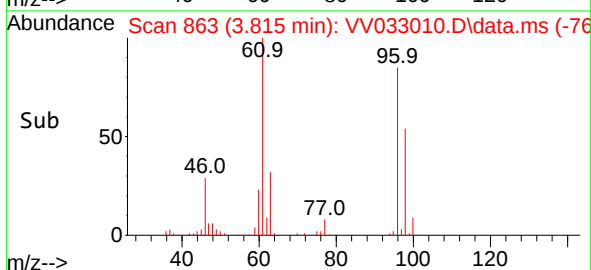
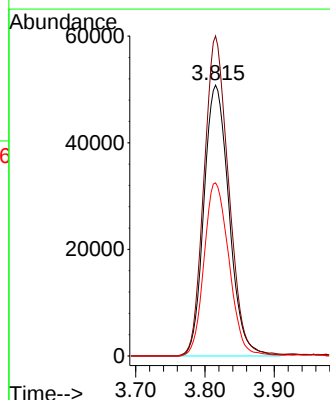
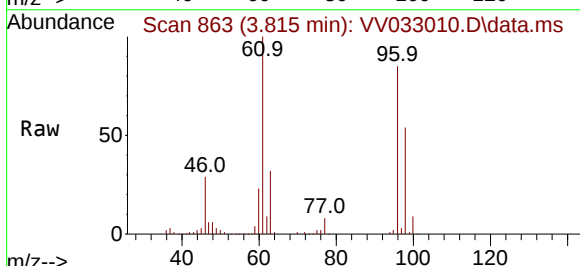
Tgt Ion: 96 Resp: 127878

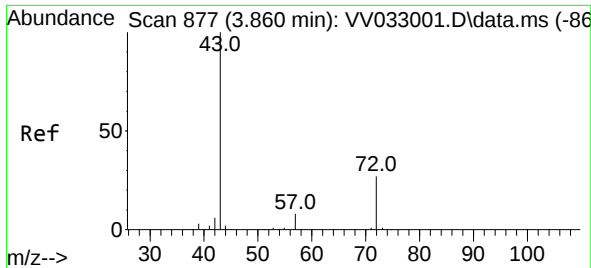
Ion Ratio Lower Upper

96 100

61 118.1 83.5 155.1

98 63.9 44.0 81.8

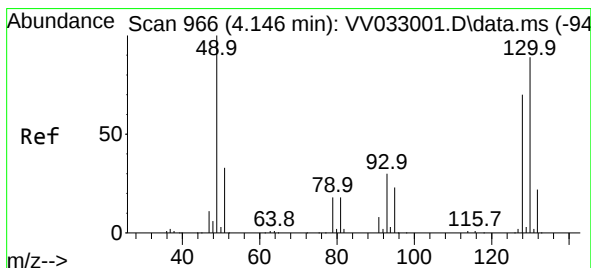
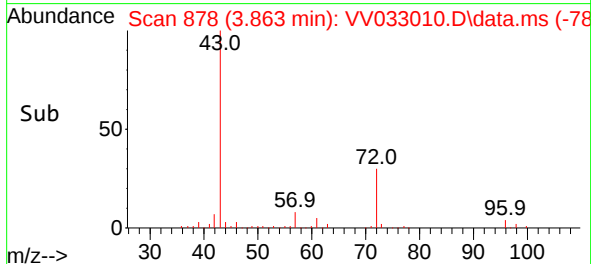
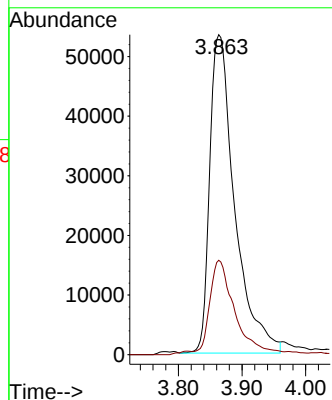
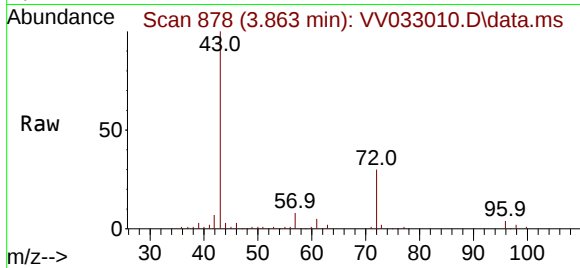




#22
2-Butanone
Concen: 98.186 ug/L
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

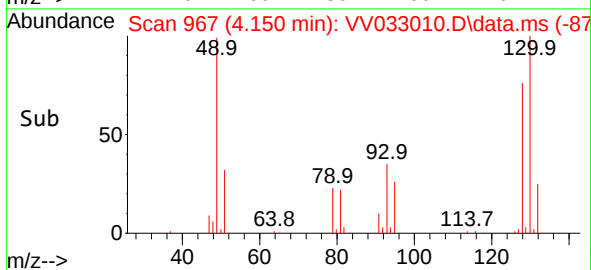
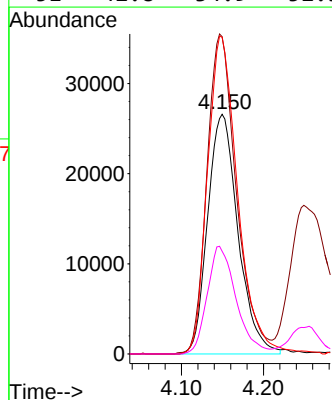
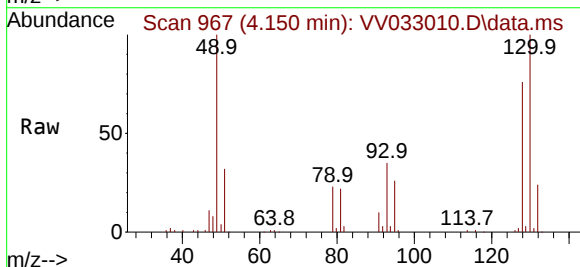
Instrument :
MSVOA_V
ClientSampleId :

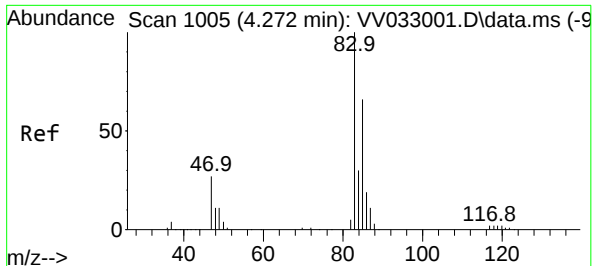
Tgt Ion: 43 Resp: 145715
Ion Ratio Lower Upper
43 100
72 27.9 14.0 41.9



#23
Bromochloromethane
Concen: 49.034 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion:128 Resp: 68371
Ion Ratio Lower Upper
128 100
49 132.4 99.7 185.1
130 132.2 88.7 164.7
51 42.8 34.9 52.3





#25

Chloroform

Concen: 49.933 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

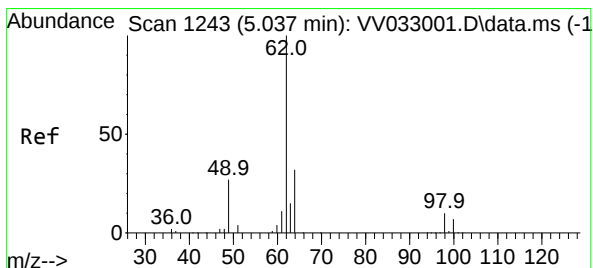
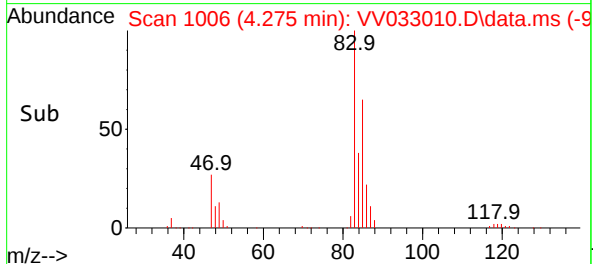
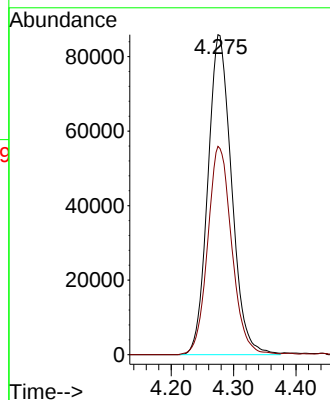
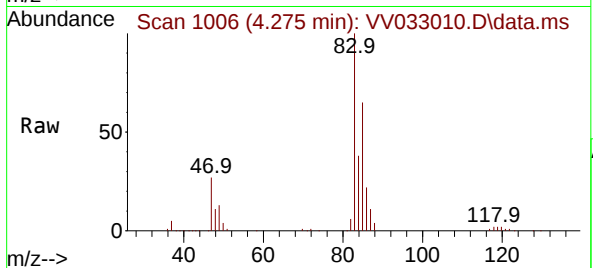
ClientSampleId :

Tgt Ion: 83 Resp: 226914

Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.387 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033010.D

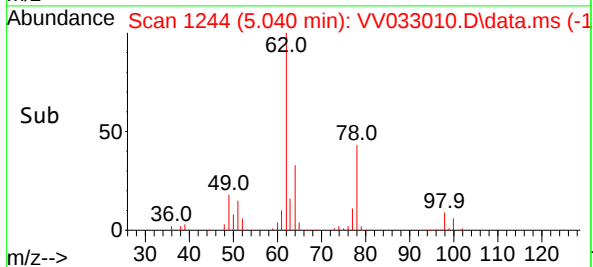
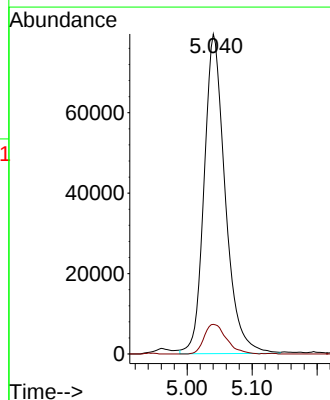
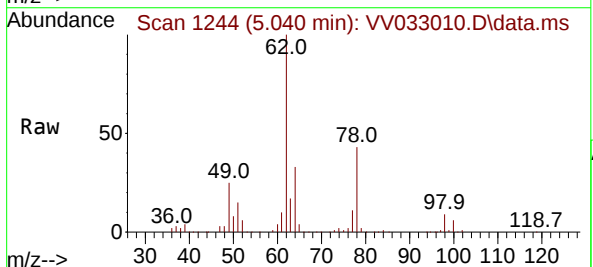
Acq: 18 Nov 2023 17:56

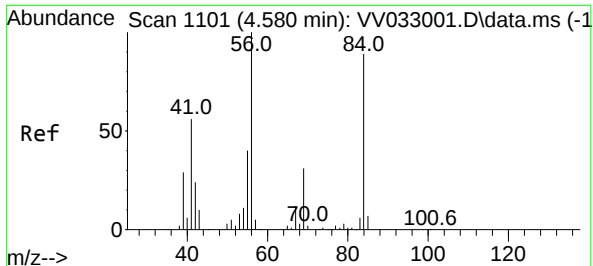
Tgt Ion: 62 Resp: 179578

Ion Ratio Lower Upper

62 100

98 9.3 8.0 12.0





#29

Cyclohexane

Concen: 50.493 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

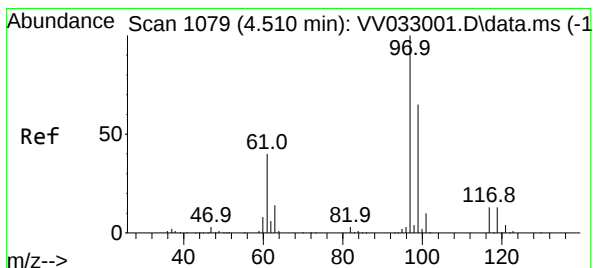
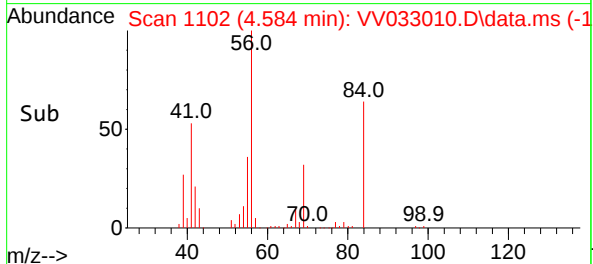
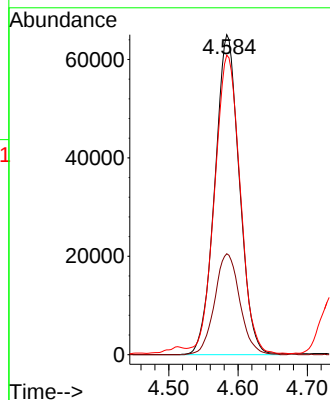
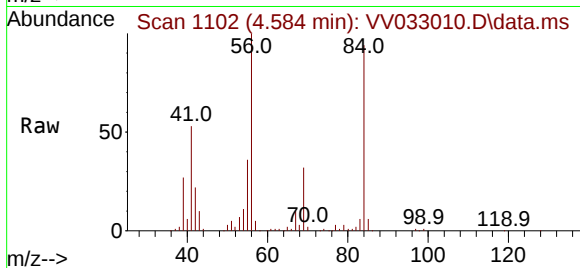
Tgt Ion: 56 Resp: 159995

Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 96.9 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 52.492 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

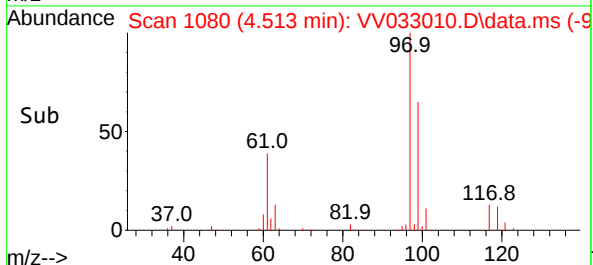
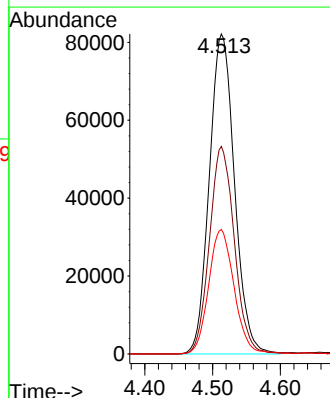
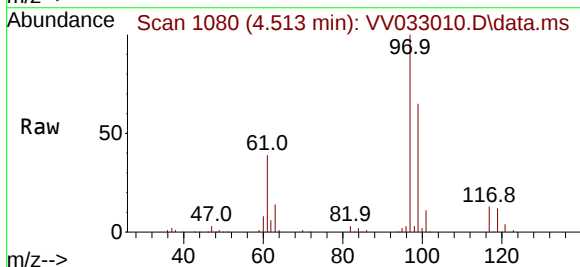
Tgt Ion: 97 Resp: 212108

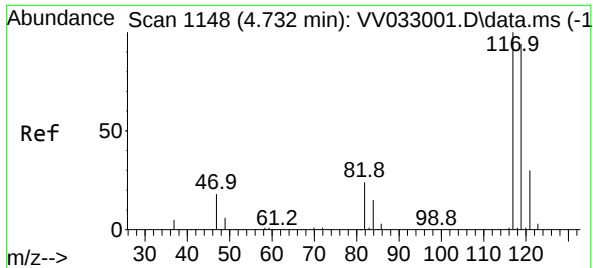
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 39.2 33.3 49.9

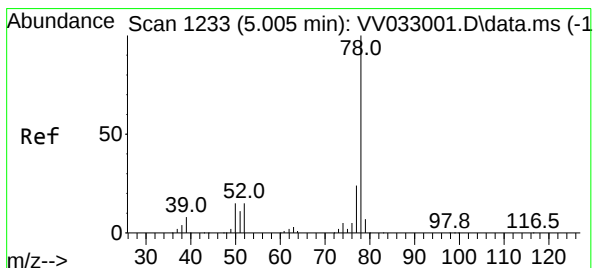
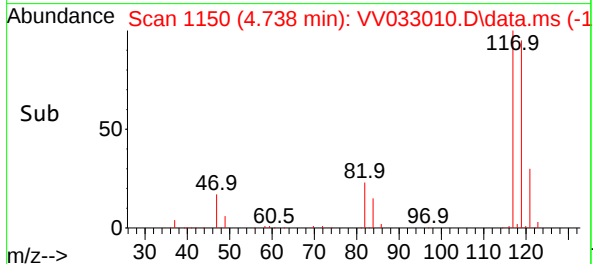
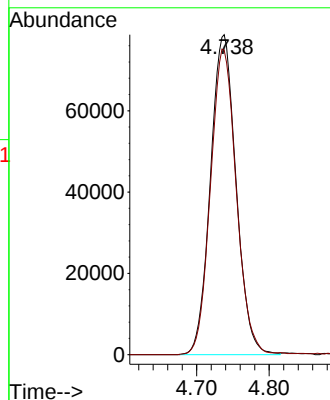
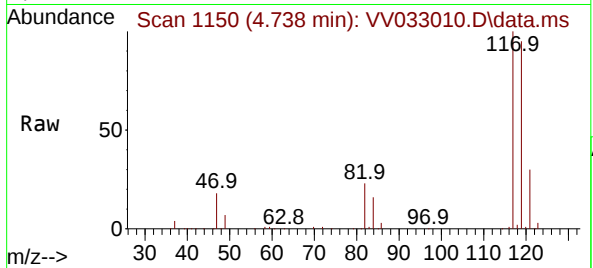




#31
Carbon tetrachloride
Concen: 53.471 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

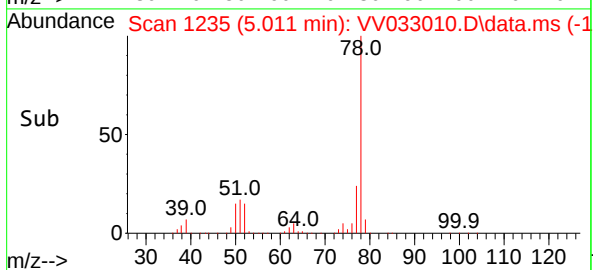
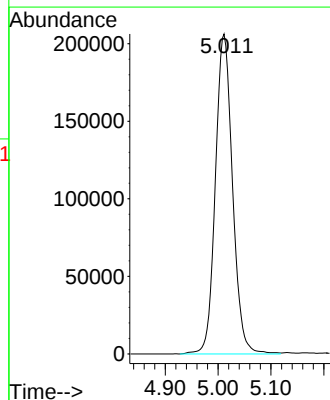
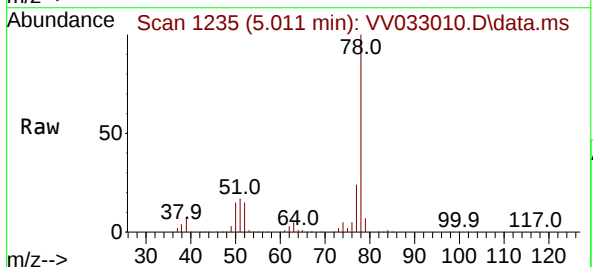
Instrument :
MSVOA_V
ClientSampleId :

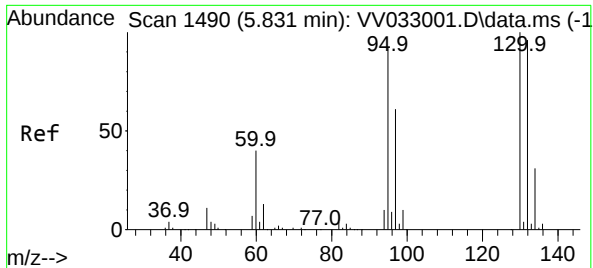
Tgt Ion:117 Resp: 193215
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4



#33
Benzene
Concen: 51.983 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 78 Resp: 465514

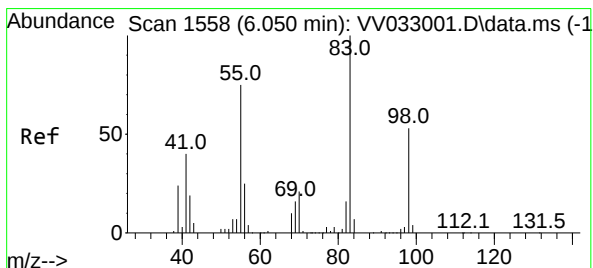
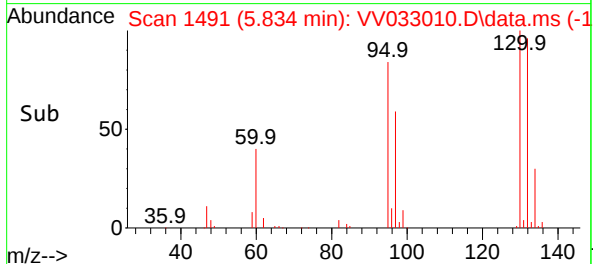
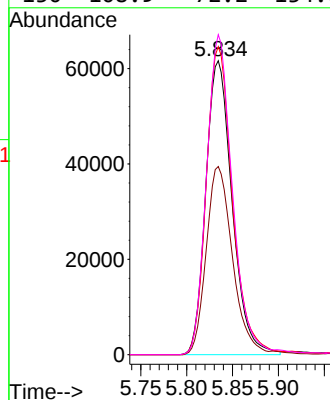
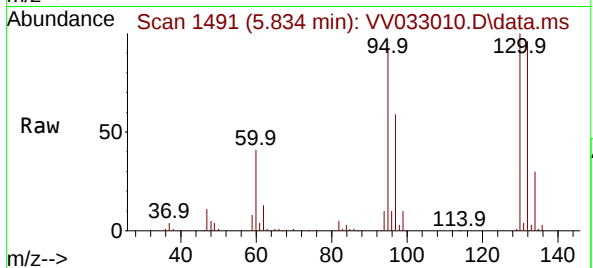




#34
Trichloroethene
Concen: 50.566 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

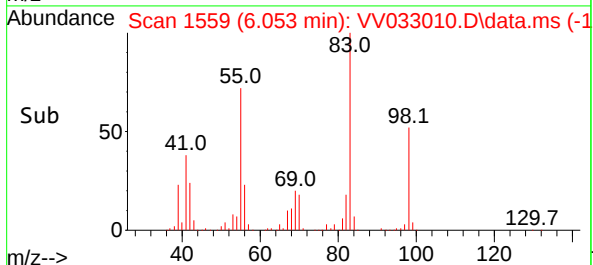
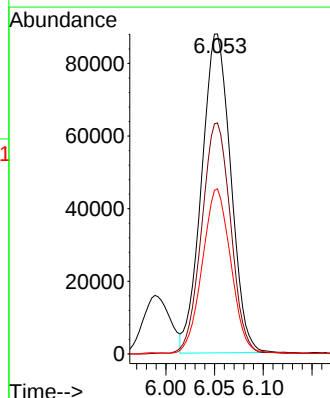
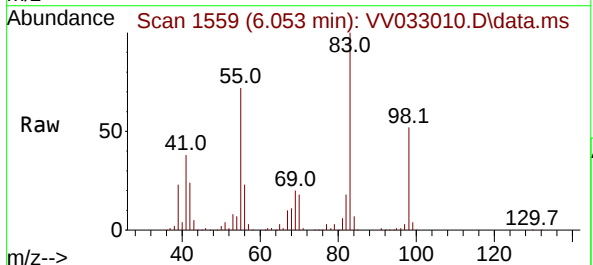
Instrument :
MSVOA_V
ClientSampleId :

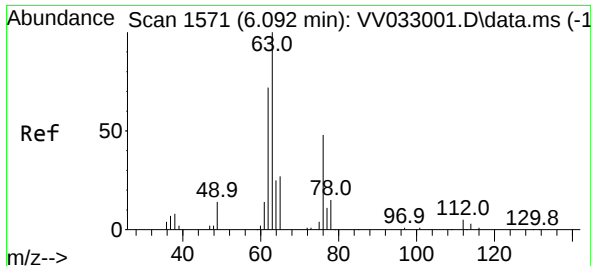
Tgt Ion: 95 Resp: 123068
Ion Ratio Lower Upper
95 100
97 64.0 45.7 84.9
132 104.8 70.0 130.0
130 108.9 72.2 134.0



#35
Methylcyclohexane
Concen: 49.857 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 83 Resp: 182869
Ion Ratio Lower Upper
83 100
55 71.8 57.5 86.3
98 50.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 50.854 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

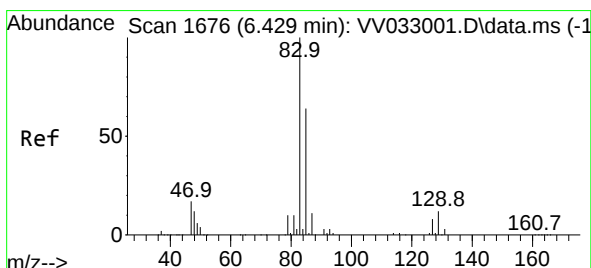
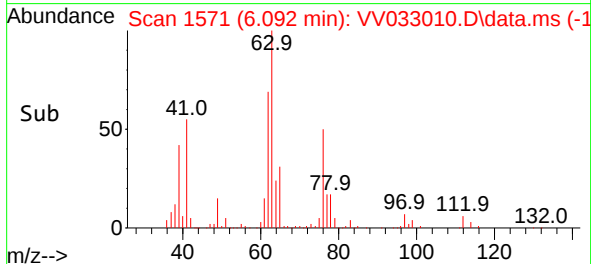
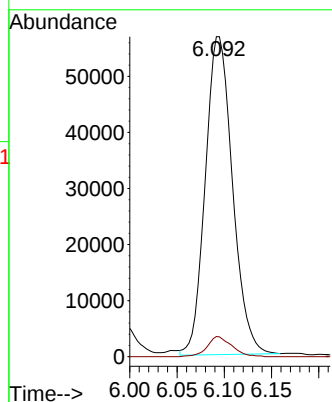
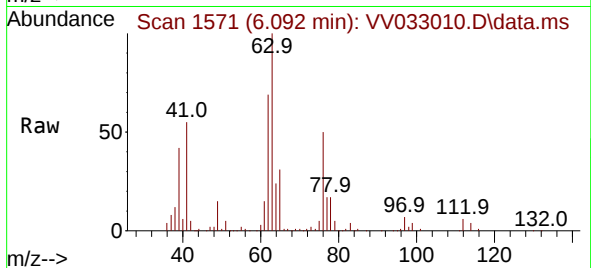
ClientSampleId :

Tgt Ion: 63 Resp: 113731

Ion Ratio Lower Upper

63 100

112 5.7 4.2 6.4



#38

Bromodichloromethane

Concen: 51.184 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

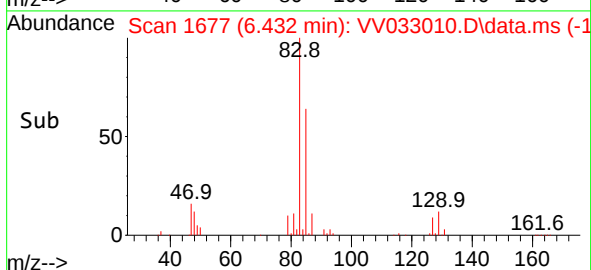
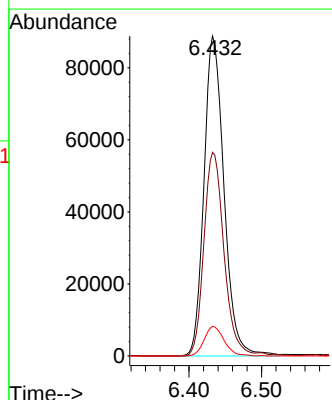
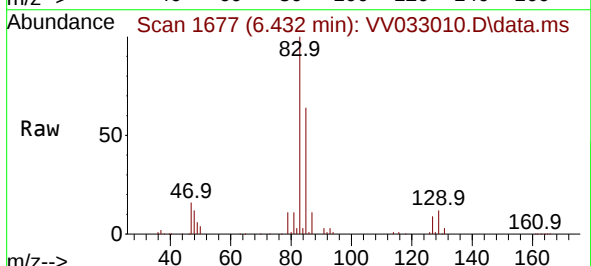
Tgt Ion: 83 Resp: 170760

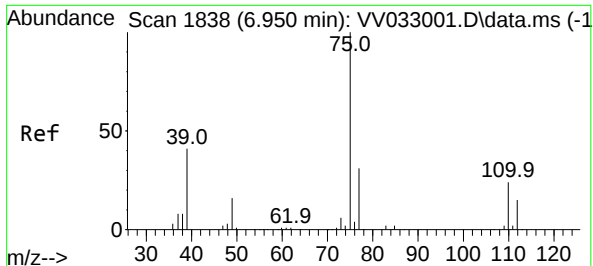
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.183 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

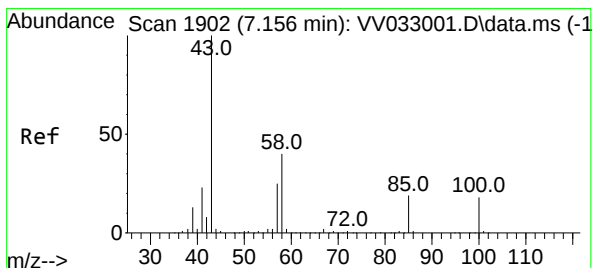
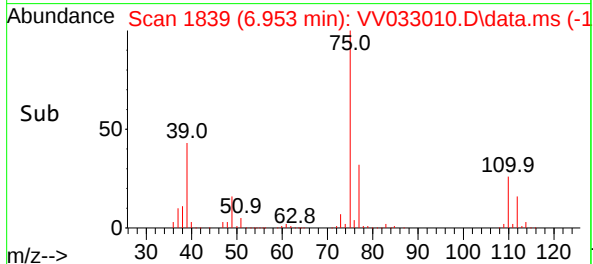
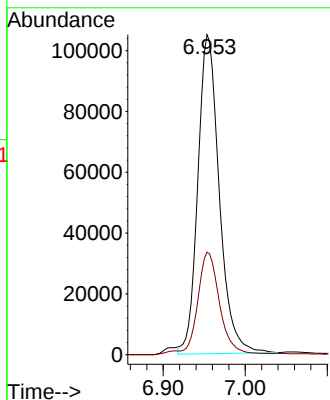
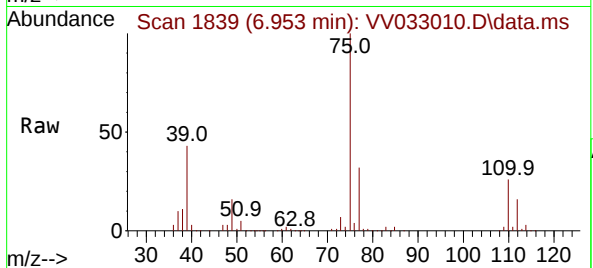
ClientSampleId :

Tgt Ion: 75 Resp: 190374

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 120.582 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

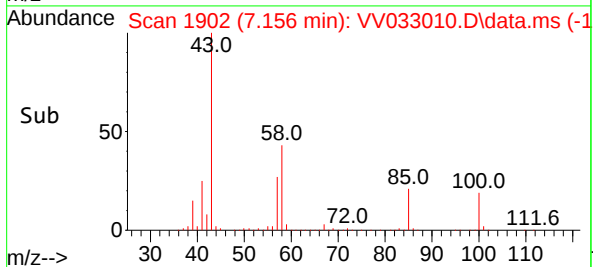
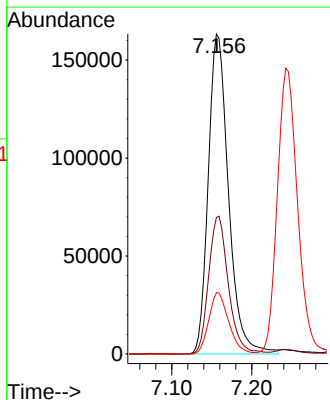
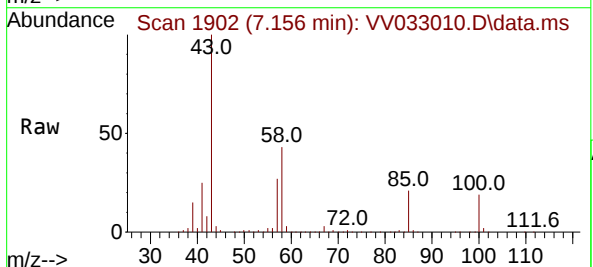
Tgt Ion: 43 Resp: 287581

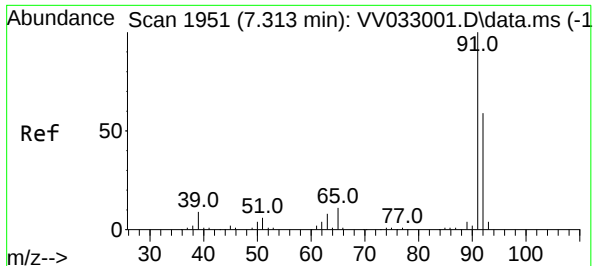
Ion Ratio Lower Upper

43 100

58 42.0 32.6 49.0

100 18.9 14.2 21.4





#42

Toluene

Concen: 52.399 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

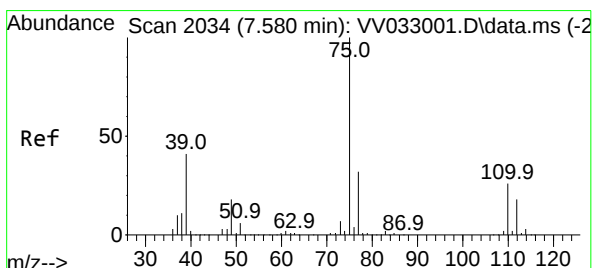
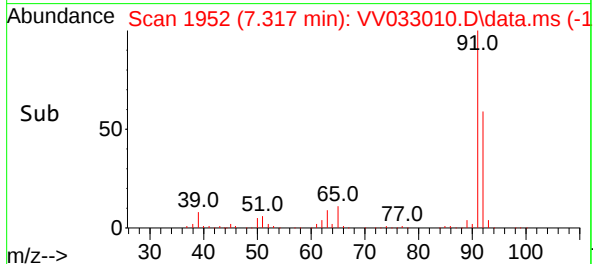
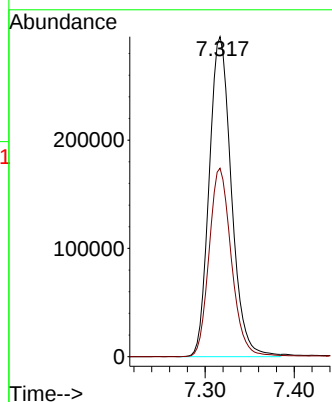
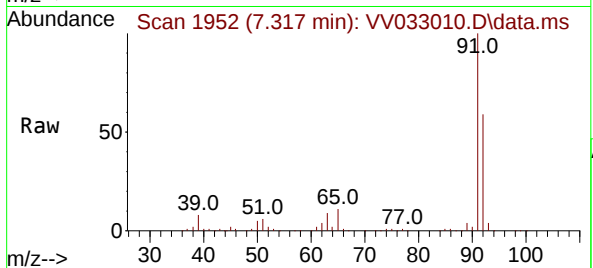
ClientSampleId :

Tgt Ion: 91 Resp: 512048

Ion Ratio Lower Upper

91 100

92 58.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 54.352 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033010.D

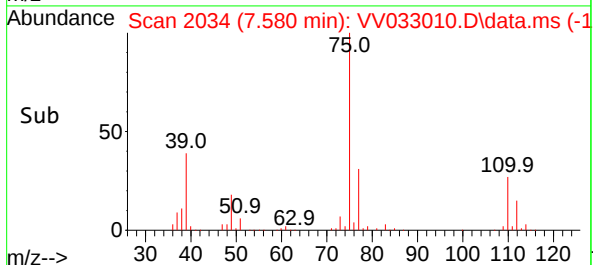
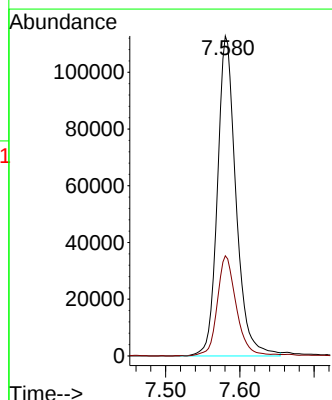
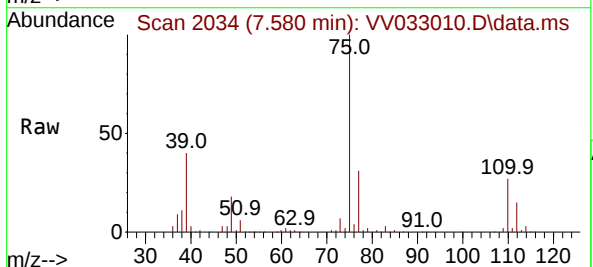
Acq: 18 Nov 2023 17:56

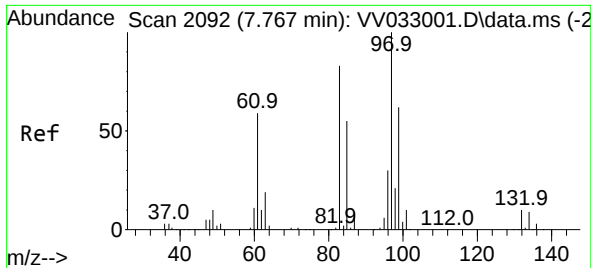
Tgt Ion: 75 Resp: 196366

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



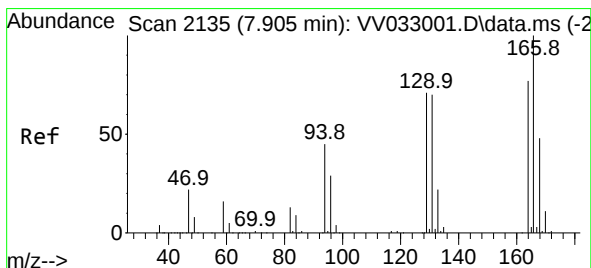
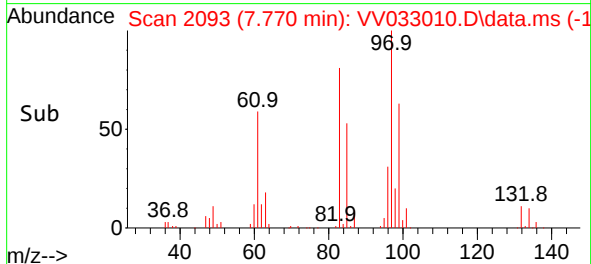
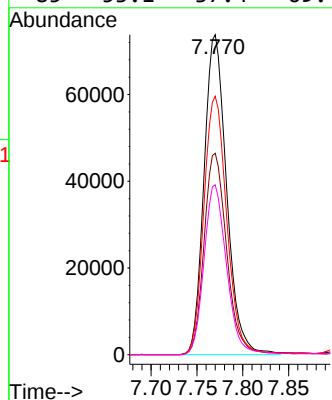
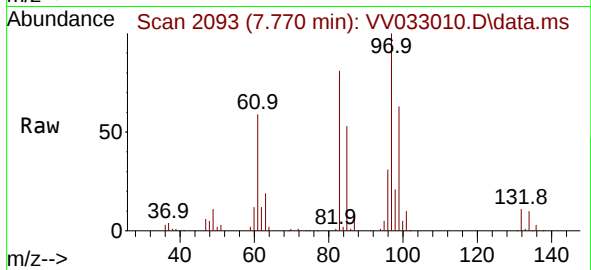


#45
1,1,2-Trichloroethane
Concen: 50.998 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 126566

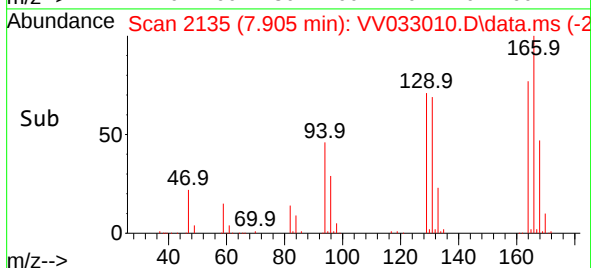
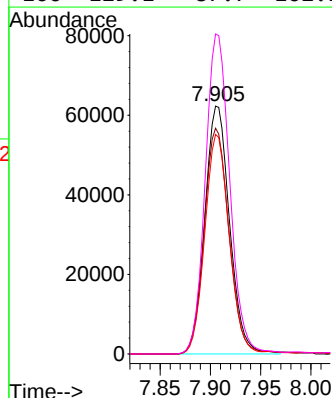
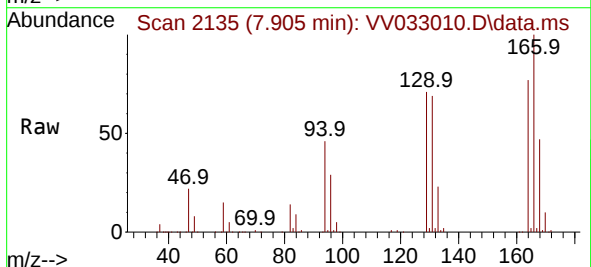
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.8	79.4
83	80.7	57.4	106.6
85	53.1	37.4	69.4

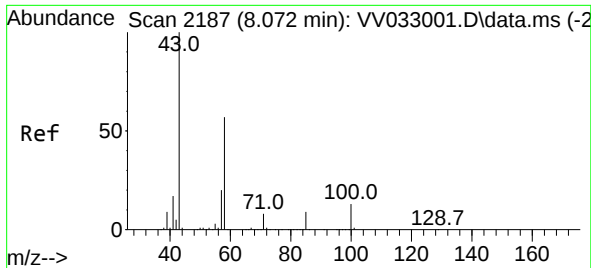


#46
Tetrachloroethene
Concen: 51.169 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 164 Resp: 107130

Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.2	119.2
131	88.6	63.5	117.9
166	129.1	87.7	162.9

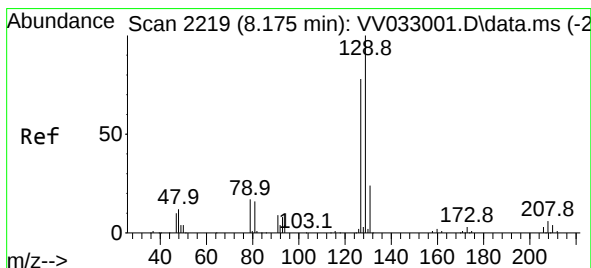
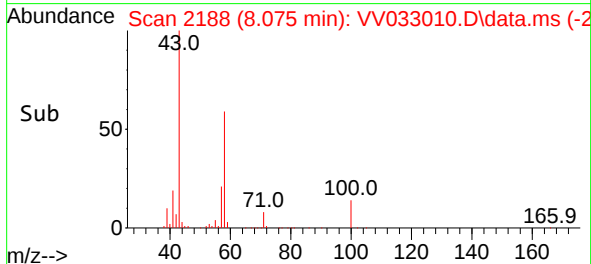
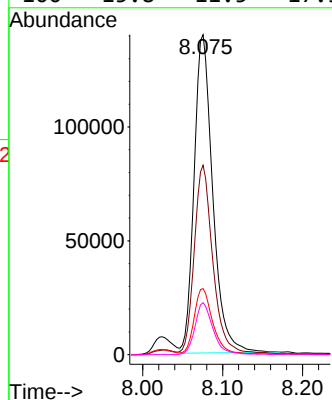
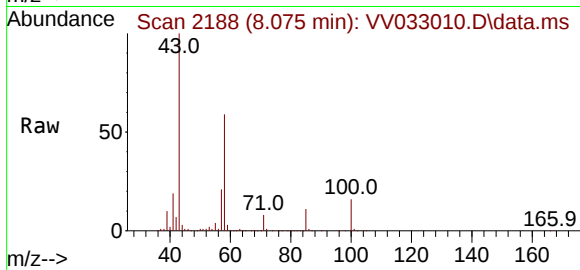




#48
2-Hexanone
Concen: 109.297 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

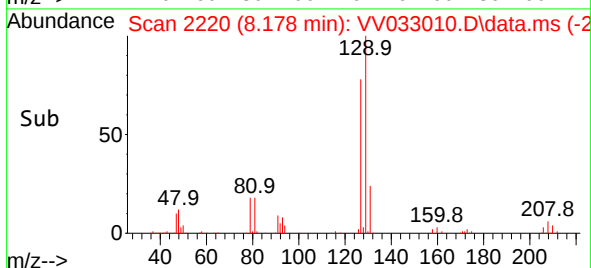
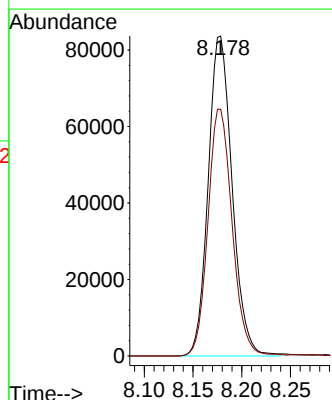
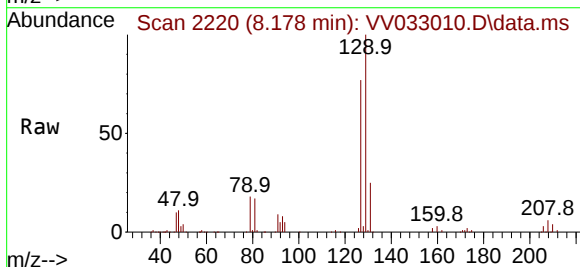
Instrument :
MSVOA_V
ClientSampleId :

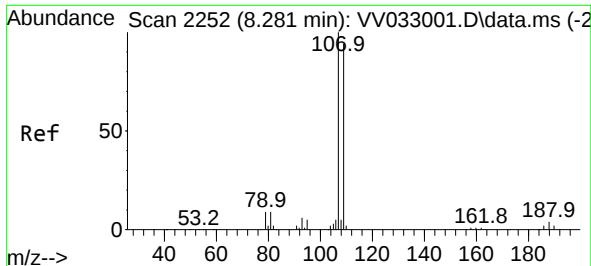
Tgt Ion: 43 Resp: 227103
Ion Ratio Lower Upper
43 100
58 58.1 44.8 67.2
57 20.2 15.2 22.8
100 15.8 11.5 17.3



#49
Dibromochloromethane
Concen: 53.575 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 129 Resp: 143236
Ion Ratio Lower Upper
129 100
127 77.1 55.1 102.3





#50

1,2-Dibromoethane

Concen: 51.109 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

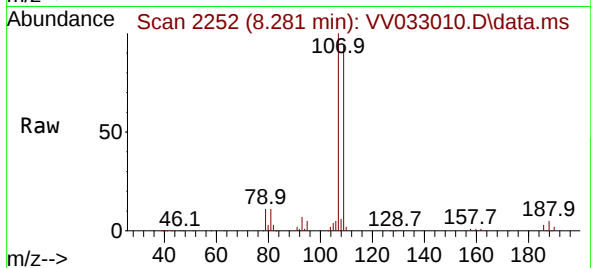
Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :



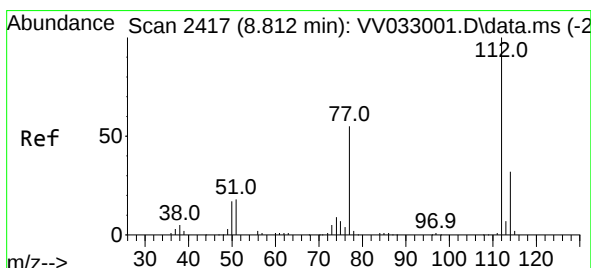
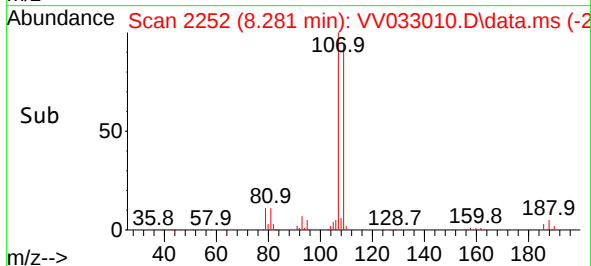
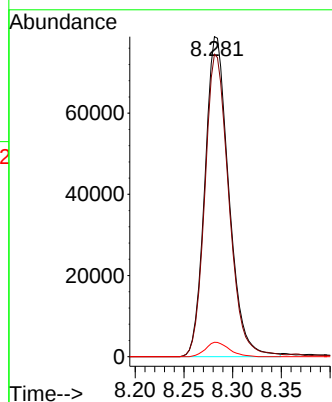
Tgt Ion:107 Resp: 135009

Ion Ratio Lower Upper

107 100

109 94.5 66.3 123.1

188 4.5 3.1 4.7



#51

Chlorobenzene

Concen: 50.551 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

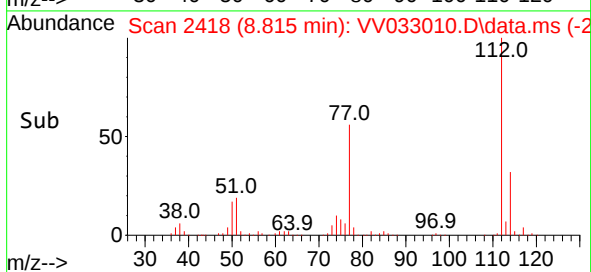
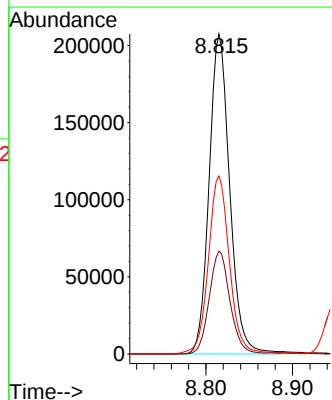
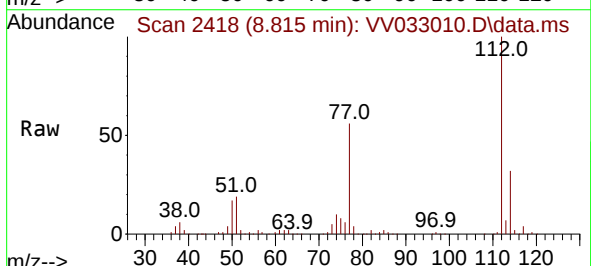
Tgt Ion:112 Resp: 342206

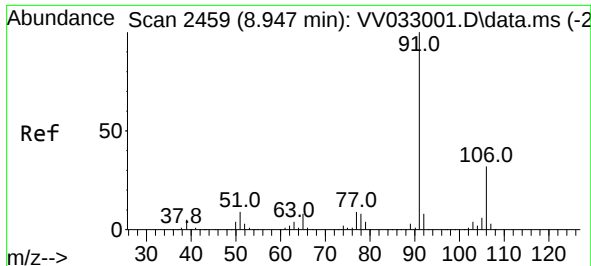
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 55.7 44.2 66.2

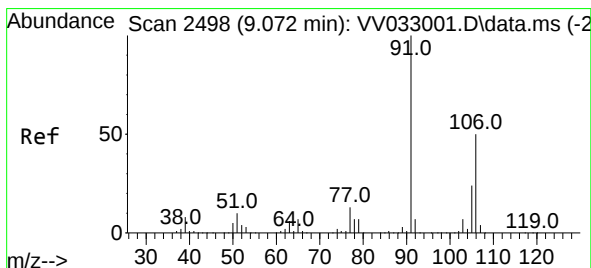
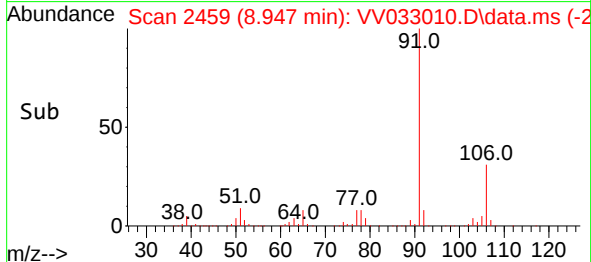
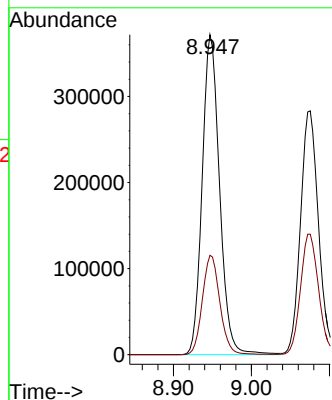
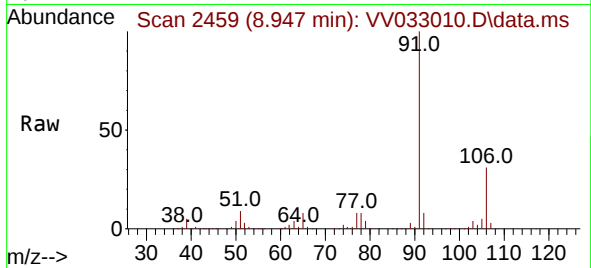




#52
Ethylbenzene
Concen: 53.315 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

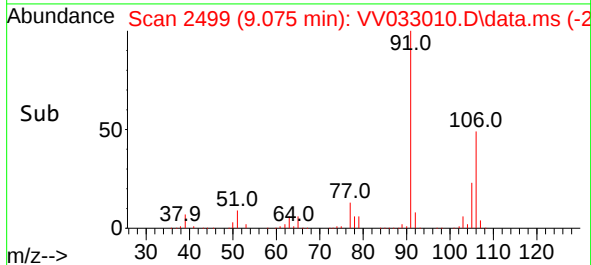
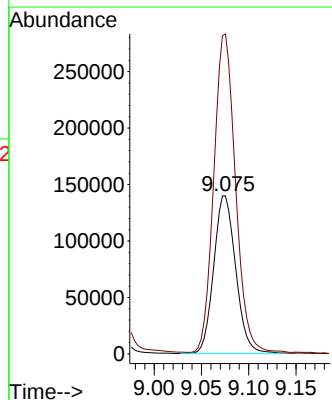
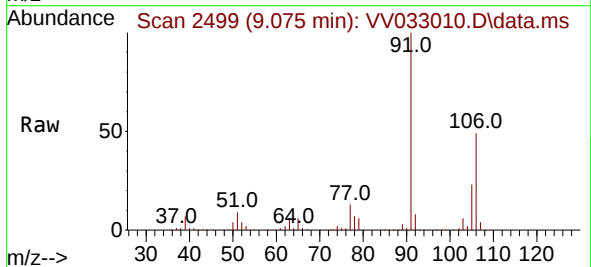
Instrument :
MSVOA_V
ClientSampleId :

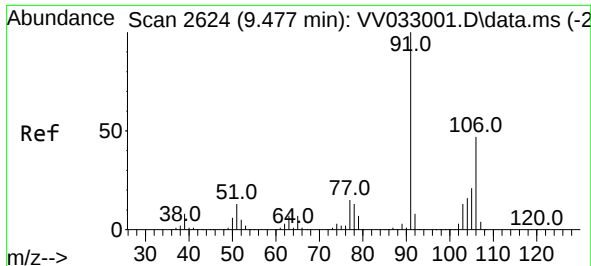
Tgt Ion: 91 Resp: 576982
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 54.436 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 106 Resp: 226519
Ion Ratio Lower Upper
106 100
91 202.4 137.5 255.4

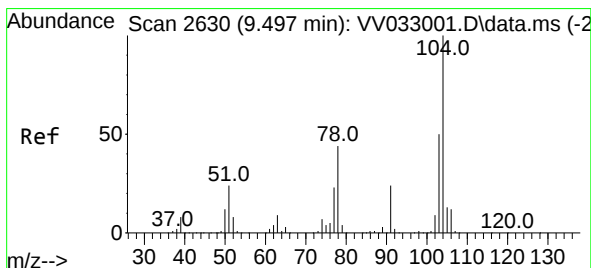
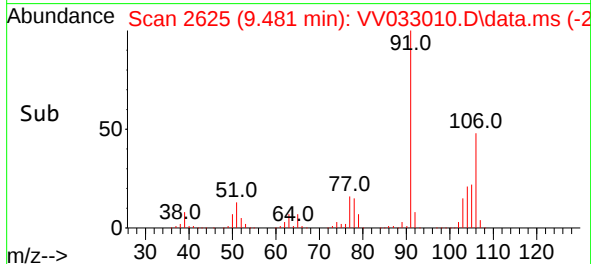
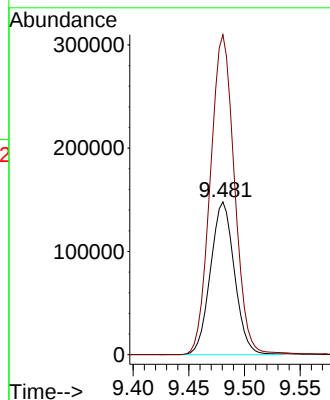
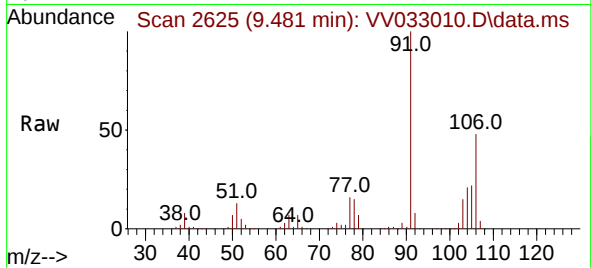




#54
o-Xylene
Concen: 55.316 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

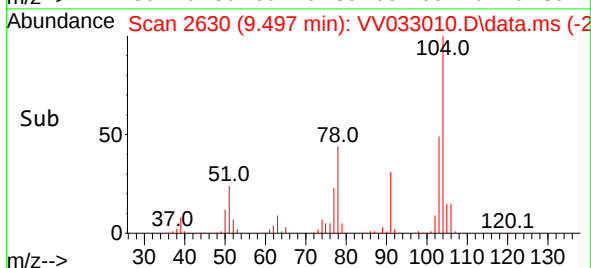
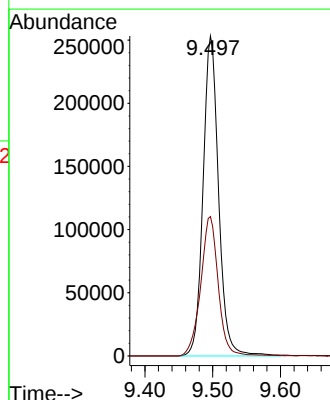
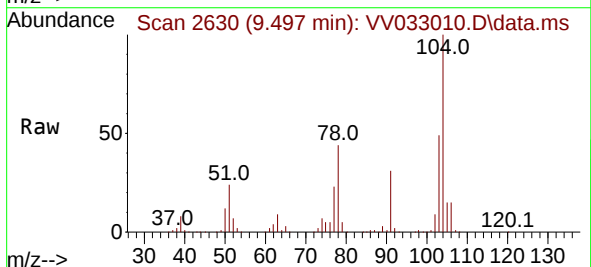
Instrument :
MSVOA_V
ClientSampleId :

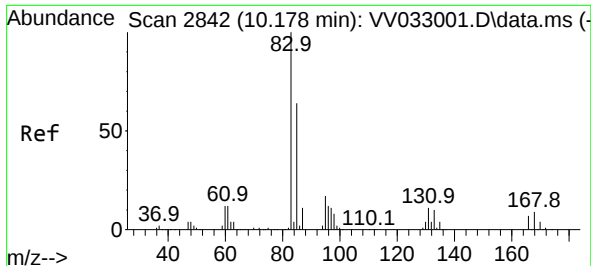
Tgt Ion:106 Resp: 221948
Ion Ratio Lower Upper
106 100
91 209.4 151.6 281.6



#55
Styrene
Concen: 56.970 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion:104 Resp: 403187
Ion Ratio Lower Upper
104 100
78 43.6 29.8 55.4

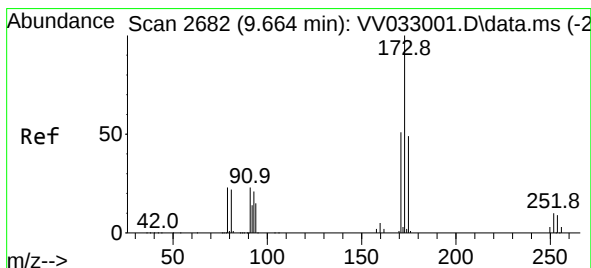
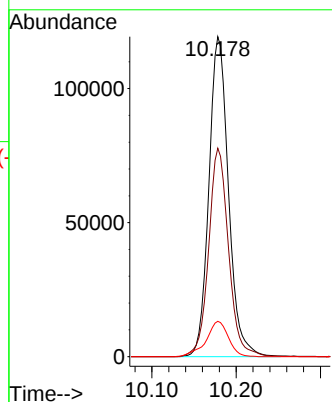
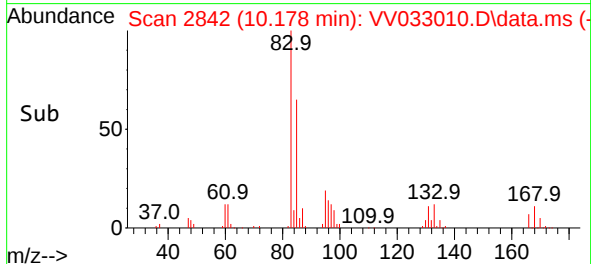
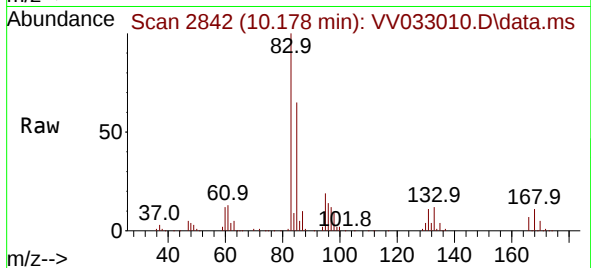




#57
1,1,2,2-Tetrachloroethane
Concen: 50.611 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

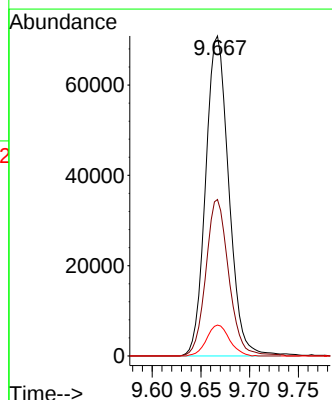
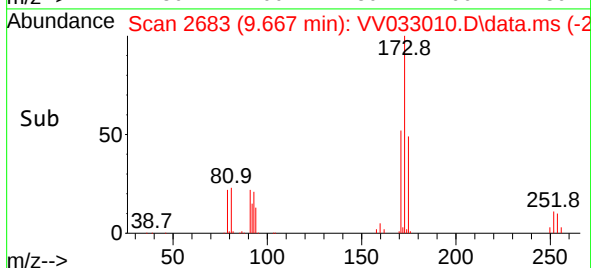
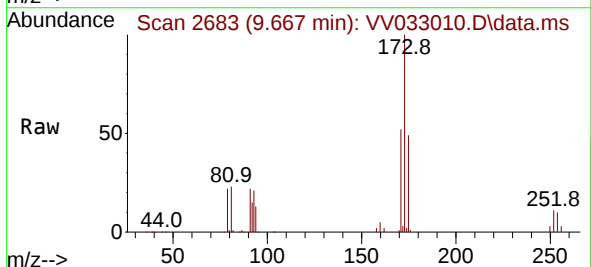
Instrument :
MSVOA_V
ClientSampleId :

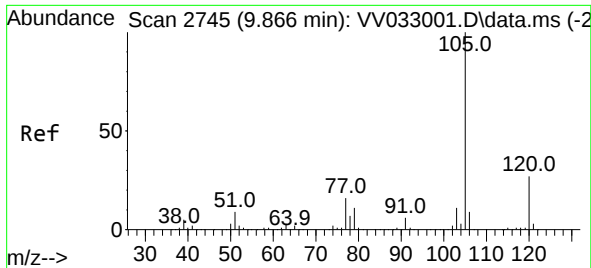
Tgt Ion: 83 Resp: 193236
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1
131 11.1 8.7 13.1



#59
Bromoform
Concen: 54.794 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 173 Resp: 117161
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 9.6 7.0 10.6

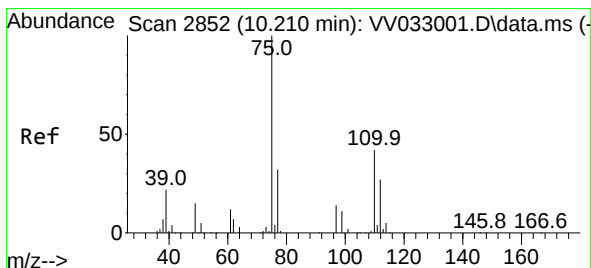
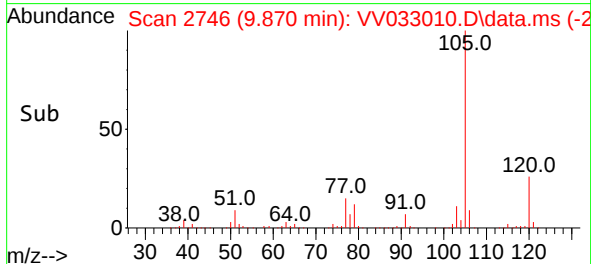
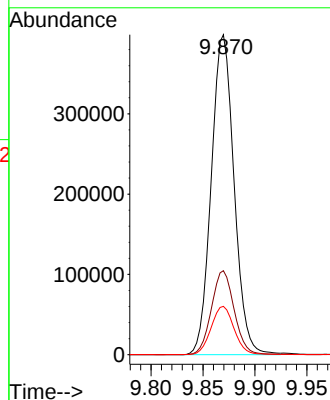
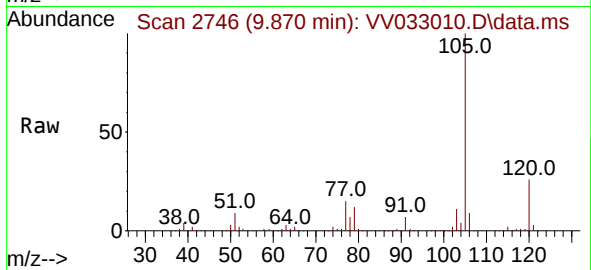




#60
Isopropylbenzene
Concen: 51.135 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

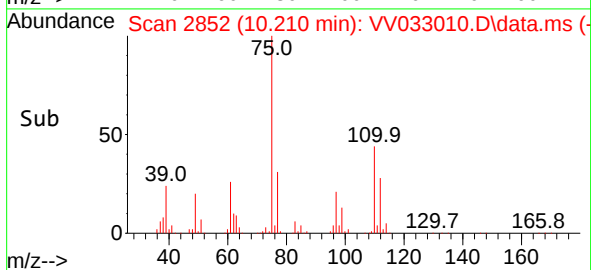
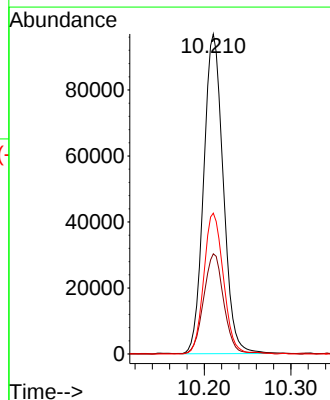
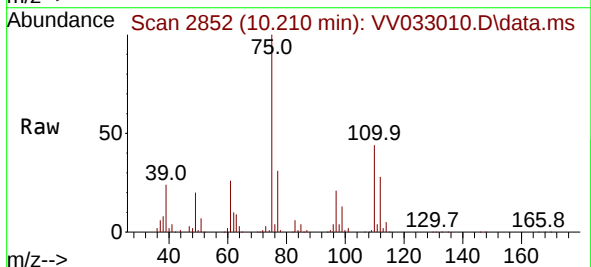
Instrument :
MSVOA_V
ClientSampleId :

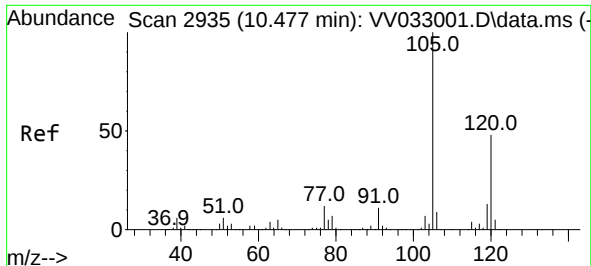
Tgt Ion:105 Resp: 608406
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 51.677 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033010.D
Acq: 18 Nov 2023 17:56

Tgt Ion: 75 Resp: 152036
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
110 43.9 34.6 52.0





#62

1,3,5-Trimethylbenzene

Concen: 53.658 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

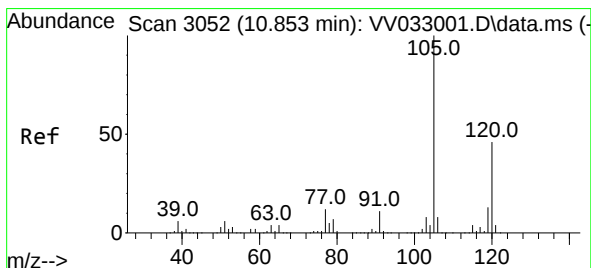
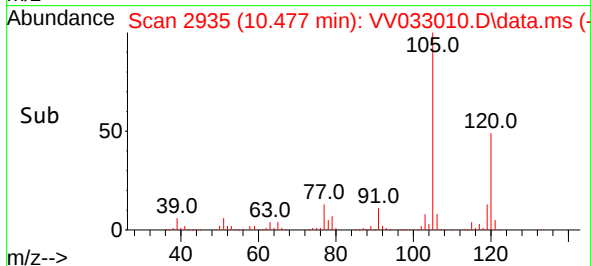
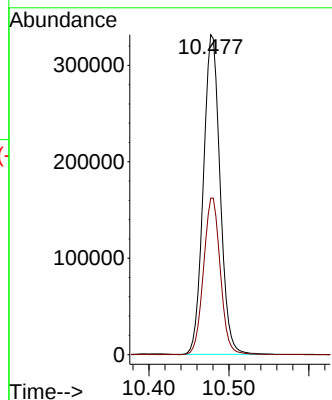
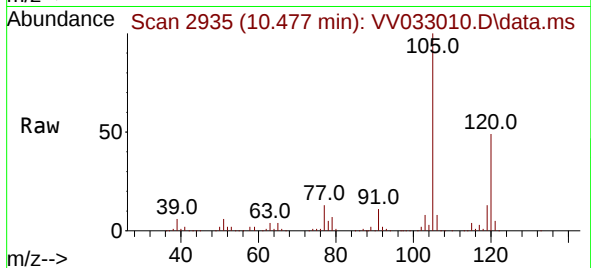
ClientSampleId :

Tgt Ion:105 Resp: 484303

Ion Ratio Lower Upper

105 100

120 49.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 53.566 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV033010.D

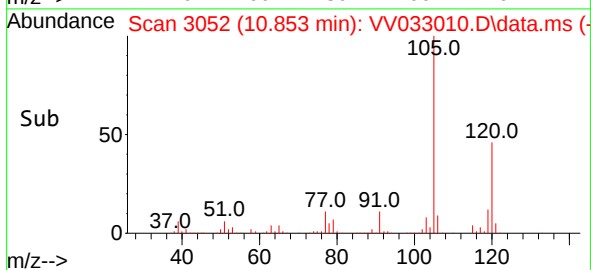
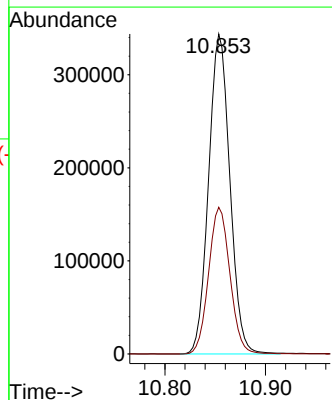
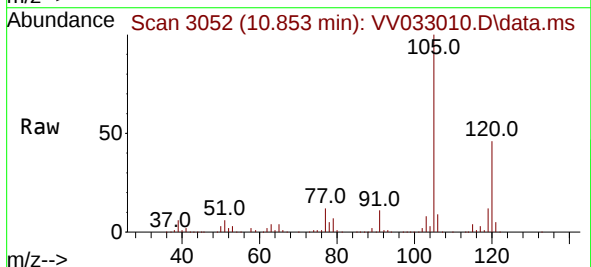
Acq: 18 Nov 2023 17:56

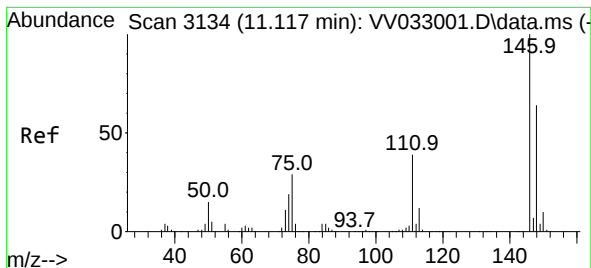
Tgt Ion:105 Resp: 505515

Ion Ratio Lower Upper

105 100

120 46.0 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 50.148 ug/L

RT: 11.120 min Scan# 311192

Delta R.T. 0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

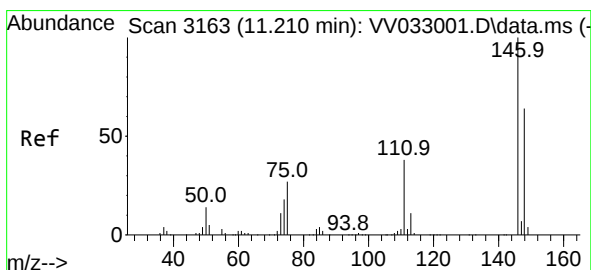
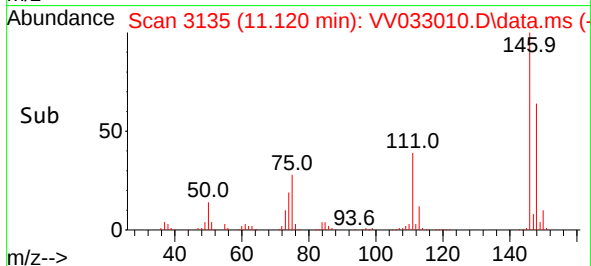
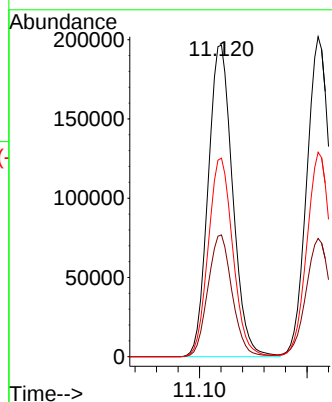
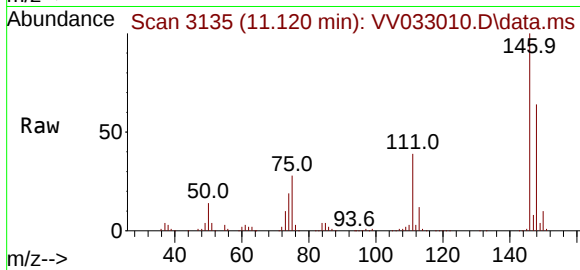
Tgt Ion:146 Resp: 311192

Ion Ratio Lower Upper

146 100

111 39.1 26.9 49.9

148 63.7 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 47.409 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

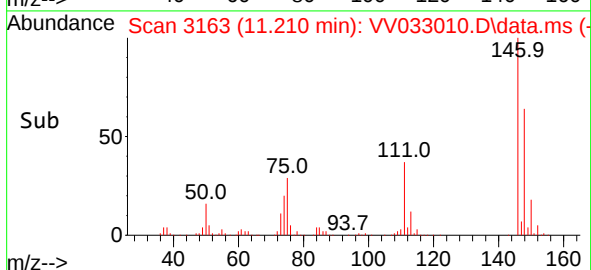
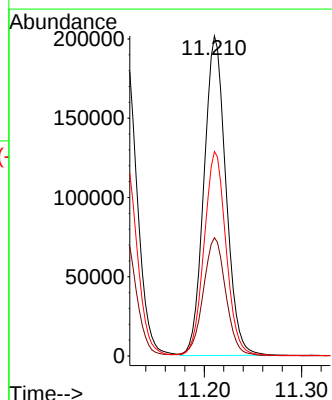
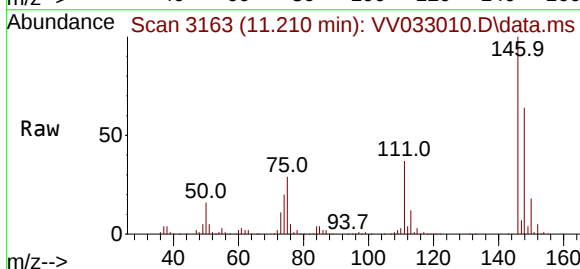
Tgt Ion:146 Resp: 315524

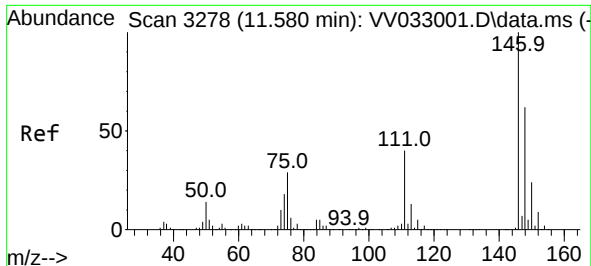
Ion Ratio Lower Upper

146 100

111 37.0 25.5 47.3

148 63.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 49.854 ug/L

RT: 11.580 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

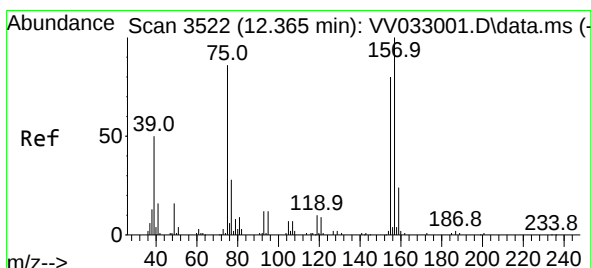
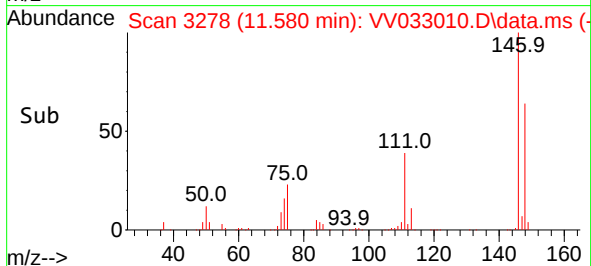
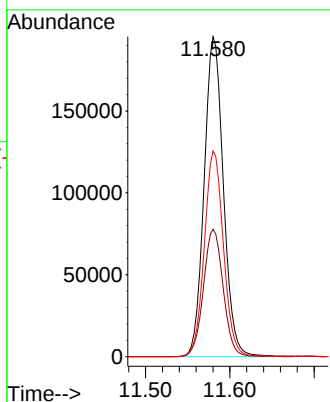
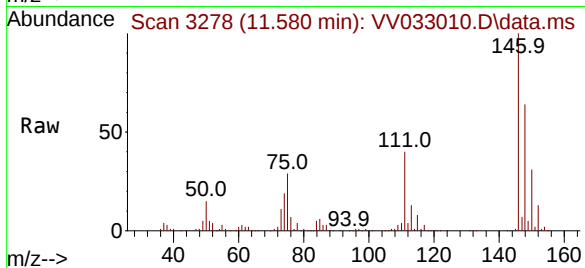
Tgt Ion:146 Resp: 311100

Ion Ratio Lower Upper

146 100

111 39.8 31.1 46.7

148 64.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 56.339 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

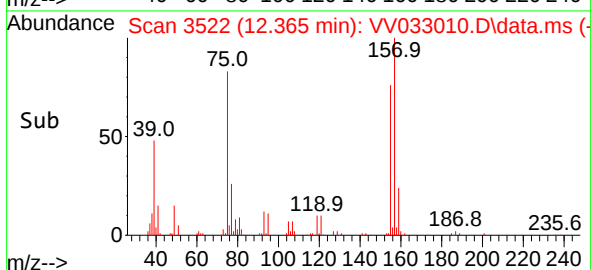
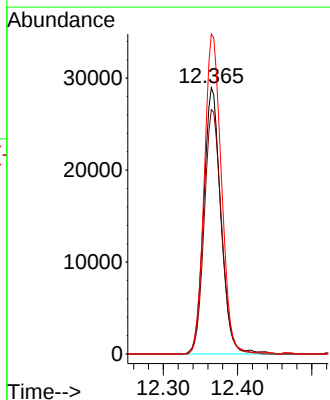
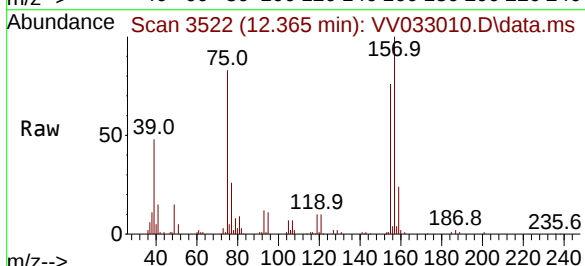
Tgt Ion: 75 Resp: 46323

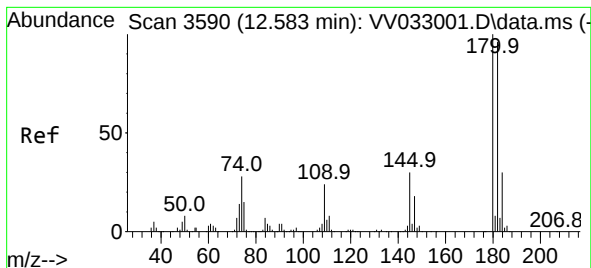
Ion Ratio Lower Upper

75 100

155 91.7 76.8 115.2

157 120.2 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 50.279 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

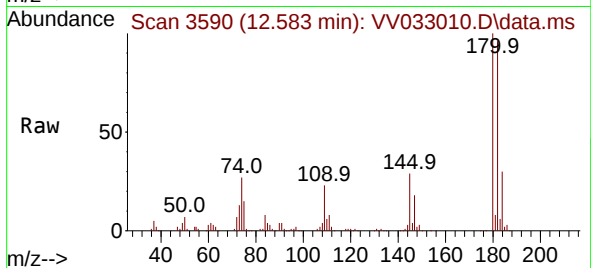
Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 234086

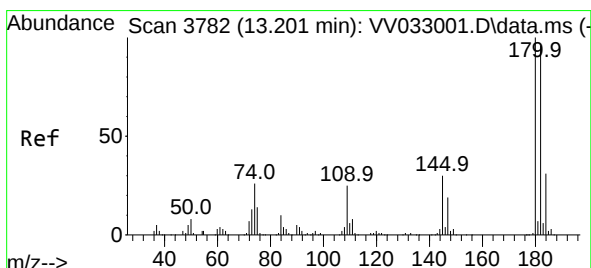
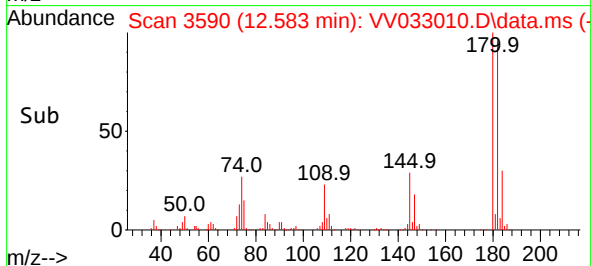
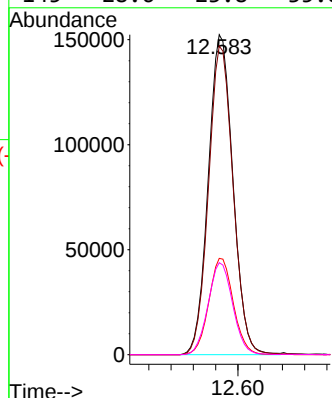
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

184 29.9 24.6 36.8

145 28.6 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 52.219 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

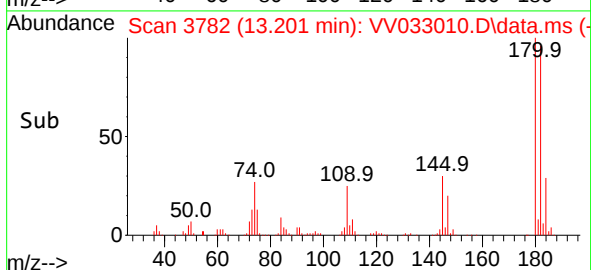
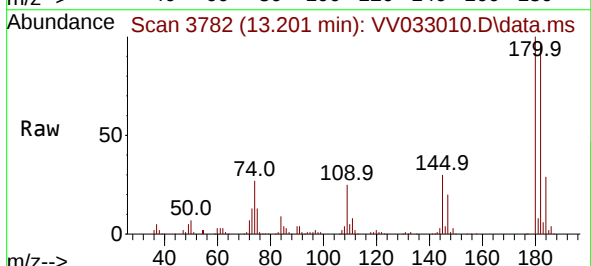
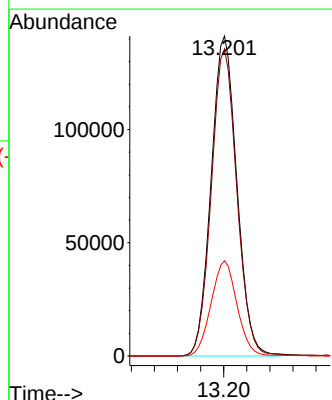
Tgt Ion:180 Resp: 218389

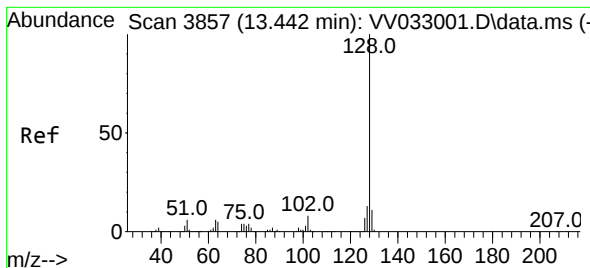
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

145 29.9 24.3 36.5





#71

Naphthalene

Concen: 58.115 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

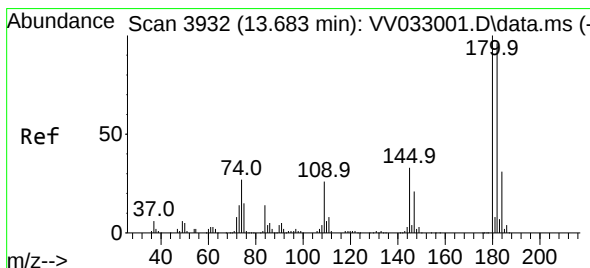
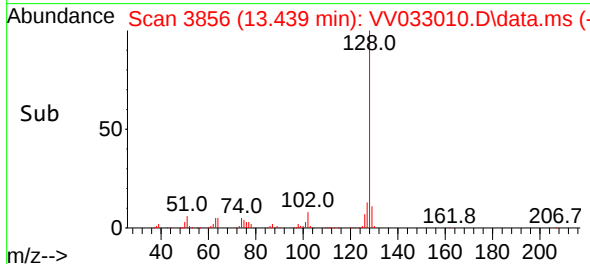
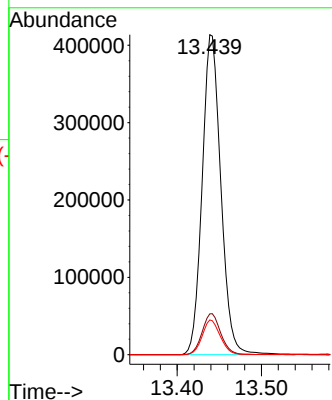
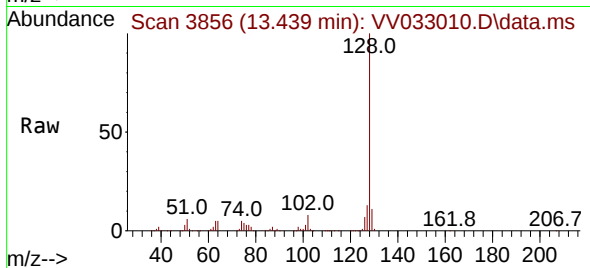
Tgt Ion:128 Resp: 638709

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.4 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.296 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV033010.D

Acq: 18 Nov 2023 17:56

Tgt Ion:180 Resp: 228531

Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 31.4 26.1 39.1

