

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090624\
 Data File : VV037210.D
 Acq On : 06 Sep 2024 08:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 06 23:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 31 00:26:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	672494	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	645304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	335817	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213351	34.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.360%
7) Chloroethane-d5	1.532	69	185588	39.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.060%
11) 1,1-Dichloroethene-d2	2.059	65	97385	37.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
21) 2-Butanone-d5	3.786	46	188793	79.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.250%
24) Chloroform-d	4.239	84	442912	46.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.934	65	267055	44.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.100%
32) Benzene-d6	4.950	84	844184	43.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
36) 1,2-Dichloropropane-d6	5.982	67	275666	45.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.236	98	759032	43.150	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.300%
43) trans-1,3-Dichloroprop...	7.545	79	126520	44.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
47) 2-Hexanone-d5	8.021	63	123476	74.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.110%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	311965	42.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.280%
66) 1,2-Dichlorobenzene-d4	11.554	152	297775	44.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	288304	50.732	ug/L	100
3) Chloromethane	1.217	50	292441	45.758	ug/L	100
5) Vinyl chloride	1.285	62	299347	49.893	ug/L	100
6) Bromomethane	1.487	94	170942	50.847	ug/L	99
8) Chloroethane	1.548	64	189966	51.764	ug/L	97
9) Trichlorofluoromethane	1.712	101	402042	51.349	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	245730	52.767	ug/L	99
12) 1,1-Dichloroethene	2.069	96	221361	50.454	ug/L	95
13) Acetone	2.108	43	224049	87.693	ug/L	99
14) Carbon disulfide	2.240	76	651240	48.895	ug/L	99
15) Methyl Acetate	2.368	43	184311	43.030	ug/L	99
16) Methylene chloride	2.442	84	254964	51.506	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	235317	51.665	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	699400	48.815	ug/L	99
19) 1,1-Dichloroethane	3.104	63	475650	52.586	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	262629	52.182	ug/L	99
22) 2-Butanone	3.866	43	236142	83.947	ug/L	98
23) Bromochloromethane	4.137	128	131882	53.381	ug/L	99
25) Chloroform	4.265	83	477885	52.168	ug/L	100

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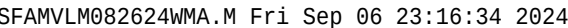
Instrument :
 MSVOA_V
 ClientSampleId :

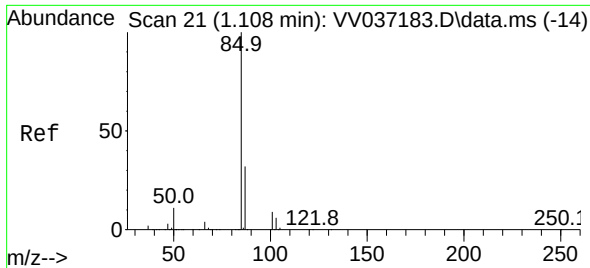
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	337301	50.196	ug/L	98
29) Cyclohexane	4.571	56	393882	51.913	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	397372	53.517	ug/L	99
31) Carbon tetrachloride	4.725	117	339178	54.135	ug/L	99
33) Benzene	4.998	78	1001167	53.760	ug/L	100
34) Trichloroethene	5.825	95	262808	53.466	ug/L	99
35) Methylcyclohexane	6.040	83	418997	52.465	ug/L	100
37) 1,2-Dichloropropane	6.085	63	267584	53.596	ug/L	99
38) Bromodichloromethane	6.426	83	346432	54.138	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	422775	53.660	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	421679	83.077	ug/L	99
42) Toluene	7.307	91	1044406	53.863	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	368387	52.310	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	239648	51.564	ug/L	99
46) Tetrachloroethene	7.899	164	193915	54.983	ug/L	98
48) 2-Hexanone	8.069	43	330989	84.318	ug/L	97
49) Dibromochloromethane	8.169	129	245407	52.733	ug/L	98
50) 1,2-Dibromoethane	8.275	107	237695	50.541	ug/L	98
51) Chlorobenzene	8.805	112	686822	53.504	ug/L	99
52) Ethylbenzene	8.937	91	1185871	54.145	ug/L	99
53) m,p-Xylene	9.066	106	440562	54.291	ug/L	99
54) o-Xylene	9.471	106	428325	53.909	ug/L	99
55) Styrene	9.487	104	761213	55.214	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	318183	46.225	ug/L	99
59) Bromoform	9.657	173	152034	48.619	ug/L	100
60) Isopropylbenzene	9.860	105	1171529	53.812	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	236389	45.250	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	965115	54.184	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	957671	53.876	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	531303	52.851	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	535067	52.003	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	511086	51.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52563	40.346	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	371261	53.076	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	337879	51.297	ug/L	100
71) Naphthalene	13.432	128	848543	44.614	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	327006	50.378	ug/L	100

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

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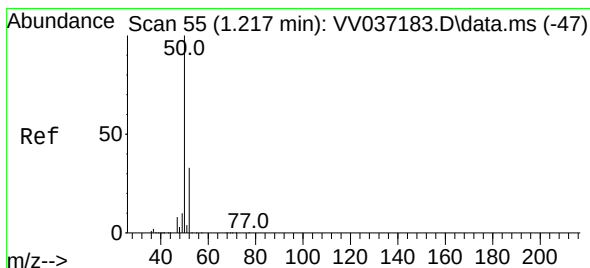
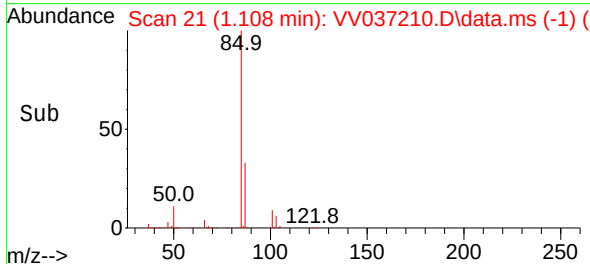
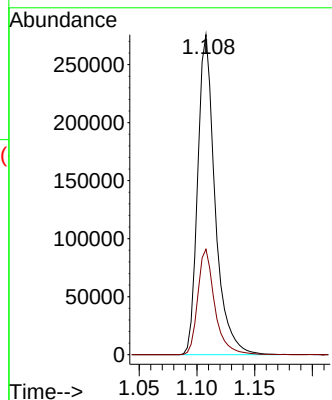
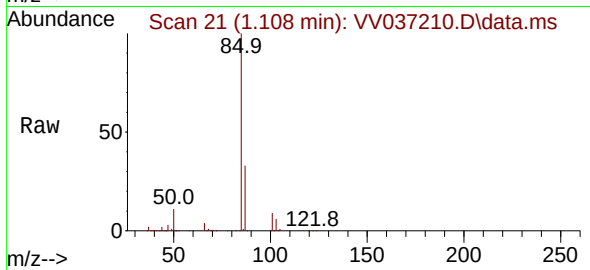




#2
Dichlorodifluoromethane
Concen: 50.732 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

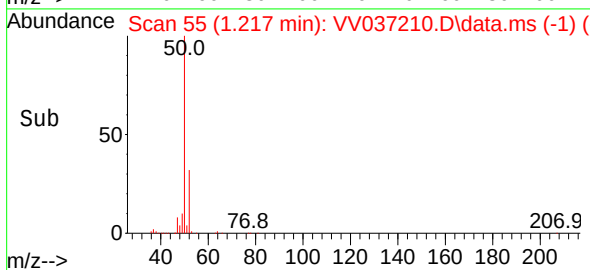
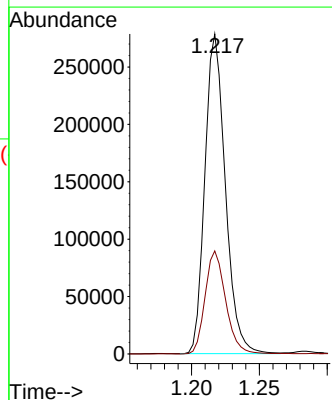
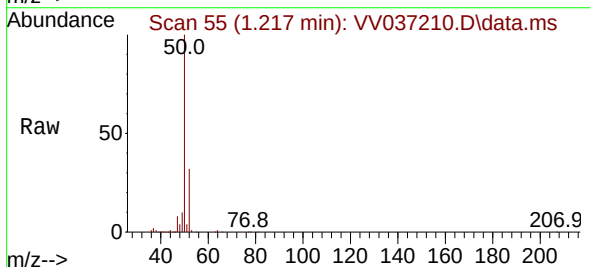
Instrument :
MSVOA_V
ClientSampleId :

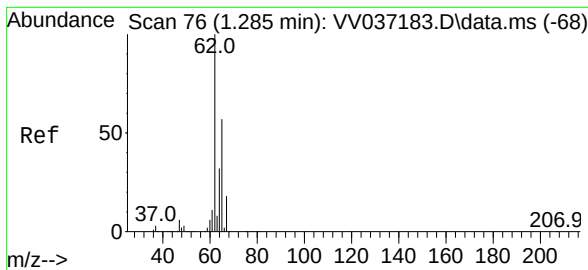
Tgt Ion: 85 Resp: 288304
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 45.758 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 50 Resp: 292441
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.9

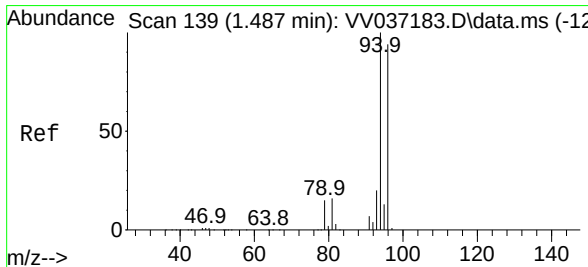
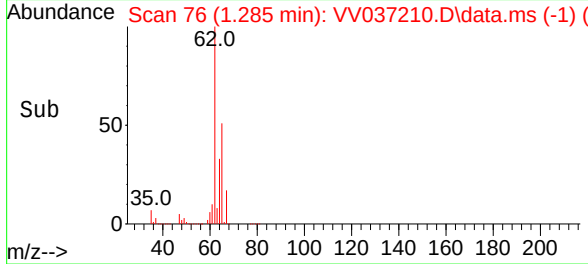
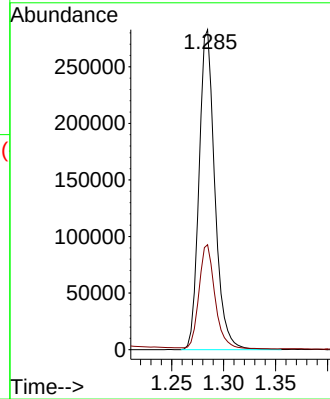
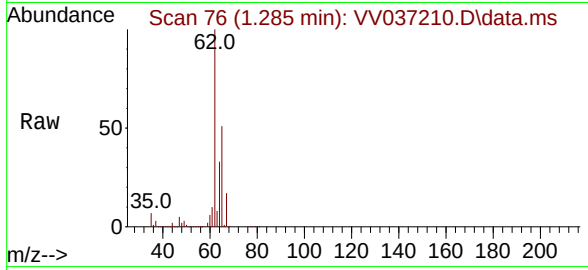




#5
 Vinyl chloride
 Concen: 49.893 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037210.D
 Acq: 06 Sep 2024 08:35

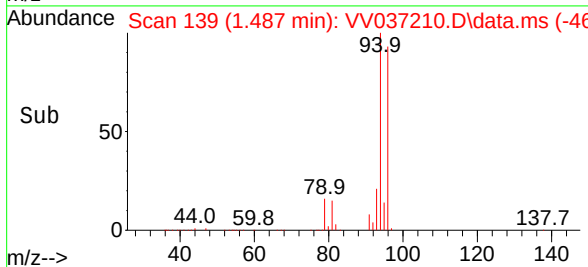
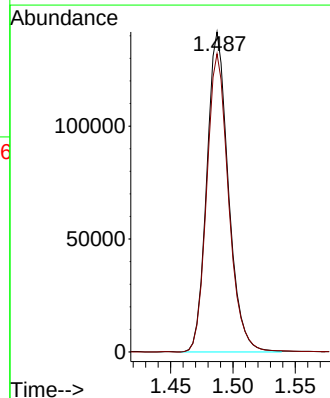
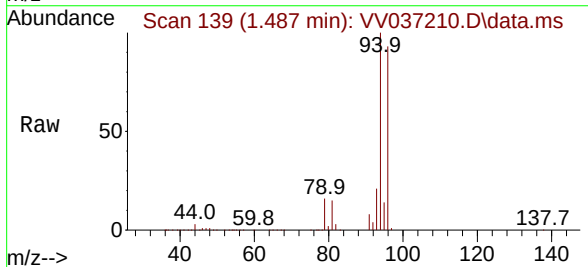
Instrument :
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 ClientSampleId :

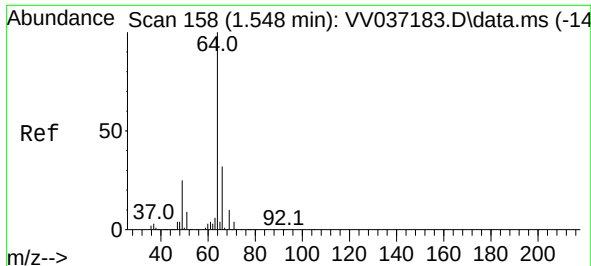
Tgt Ion: 62 Resp: 299347
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 50.847 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037210.D
 Acq: 06 Sep 2024 08:35

Tgt Ion: 94 Resp: 170942
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.6 121.8

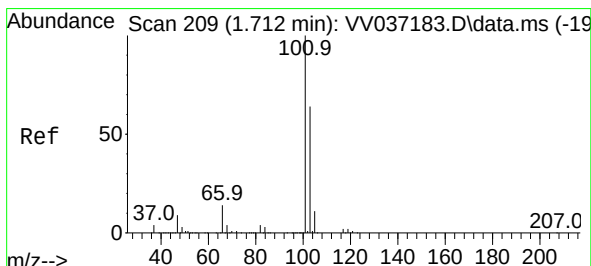
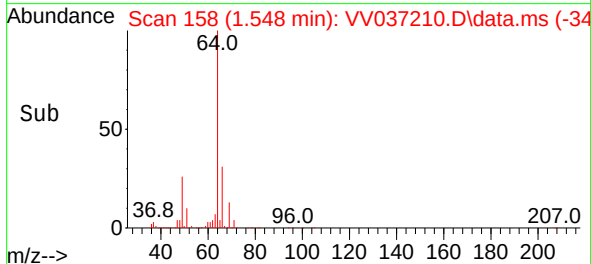
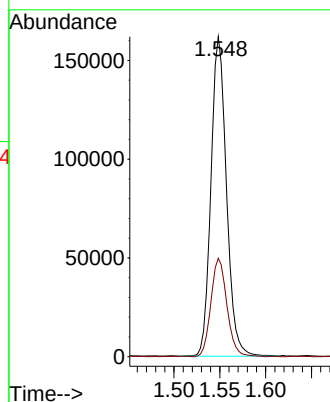
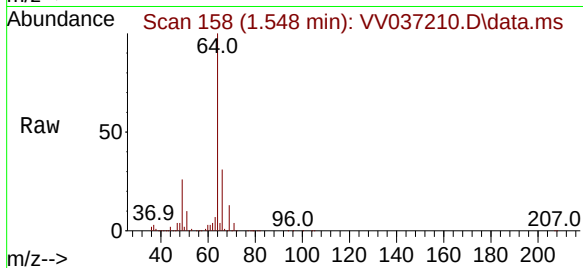




#8
Chloroethane
Concen: 51.764 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

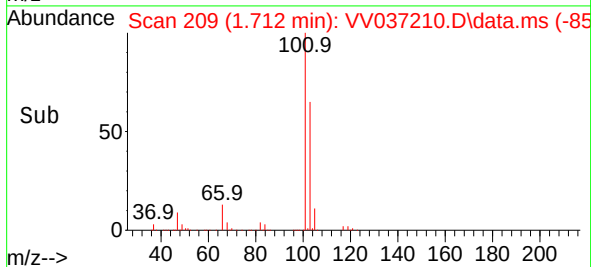
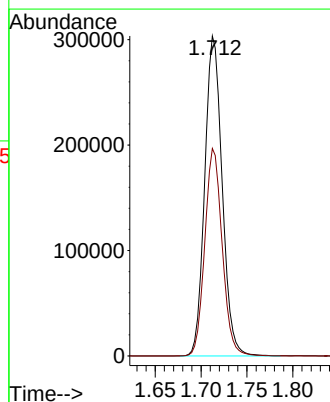
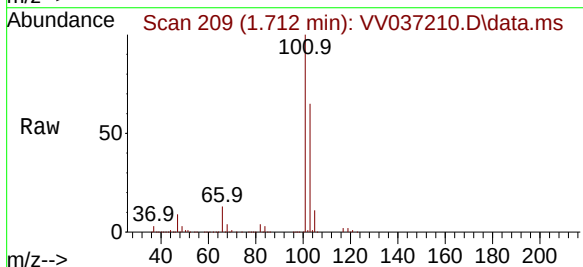
Instrument :
MSVOA_V
ClientSampleId :

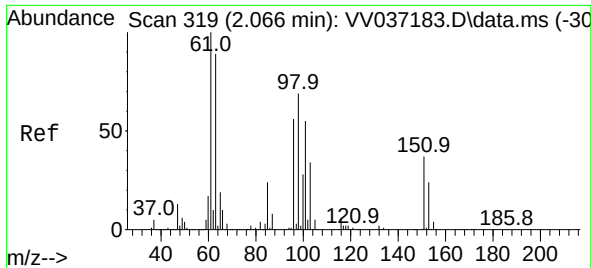
Tgt Ion: 64 Resp: 189966
Ion Ratio Lower Upper
64 100
66 30.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 51.349 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion:101 Resp: 402042
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





#10

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

Concen: 52.767 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

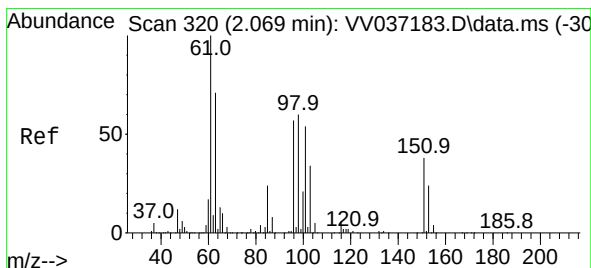
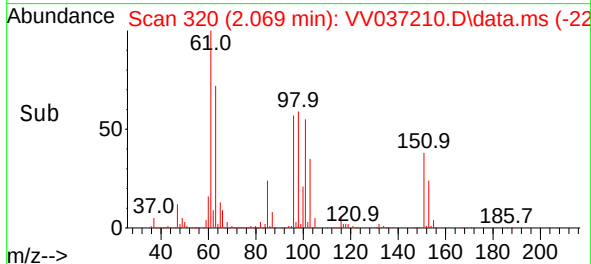
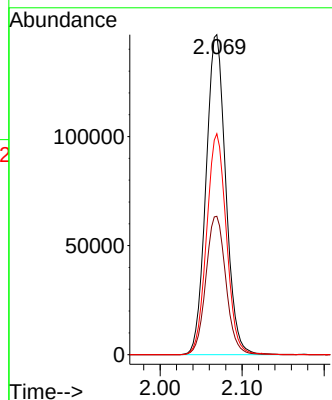
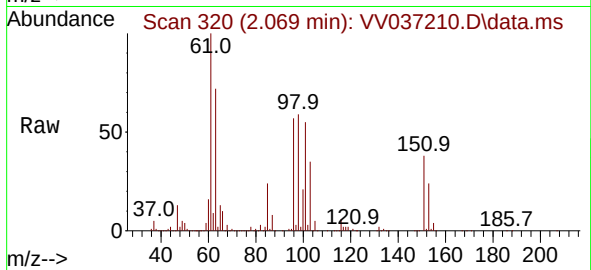
Tgt Ion:101 Resp: 245730

Ion Ratio Lower Upper

101 100

85 43.8 35.6 53.4

151 68.9 55.0 82.4



#12

1,1-Dichloroethene

Concen: 50.454 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

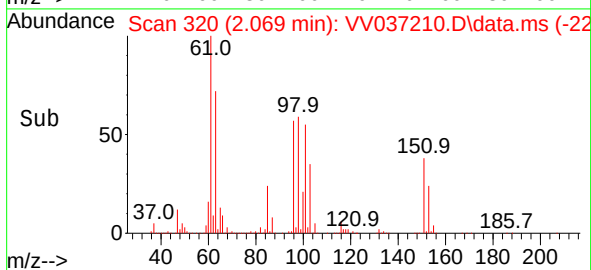
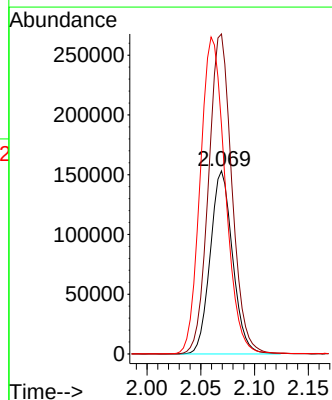
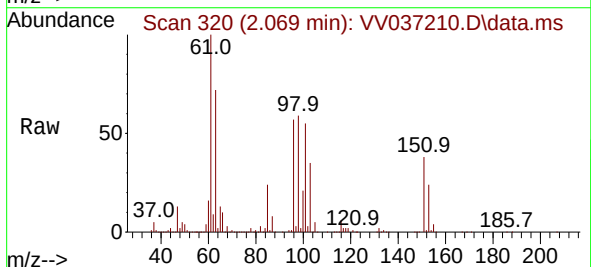
Tgt Ion: 96 Resp: 221361

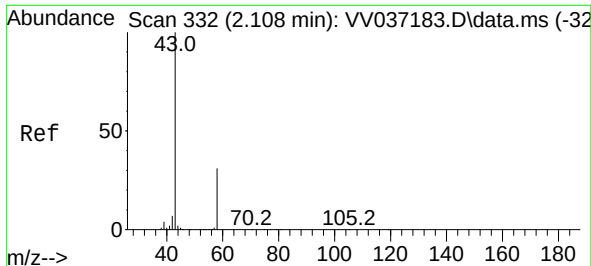
Ion Ratio Lower Upper

96 100

61 174.8 123.8 229.8

63 125.0 96.5 179.1





#13

Acetone

Concen: 87.693 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

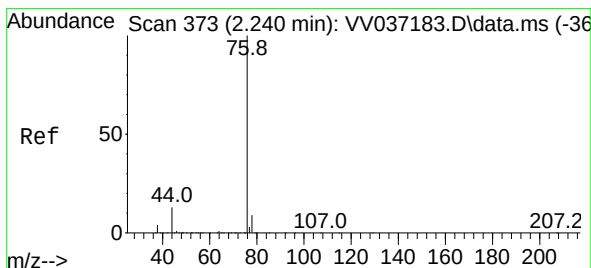
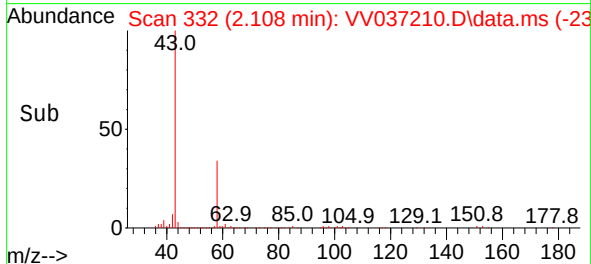
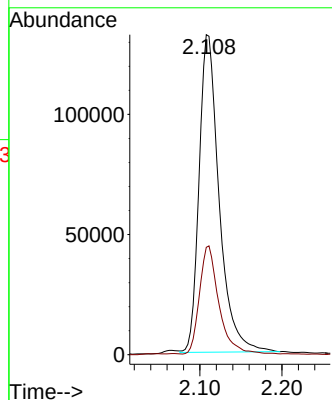
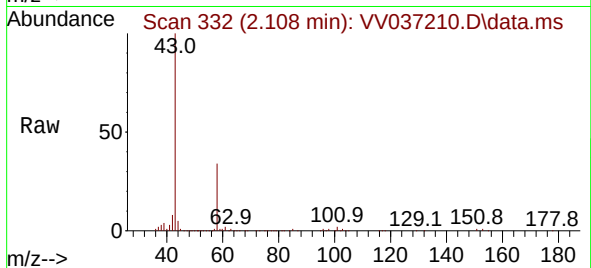
ClientSampleId :

Tgt Ion: 43 Resp: 224049

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.8



#14

Carbon disulfide

Concen: 48.895 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037210.D

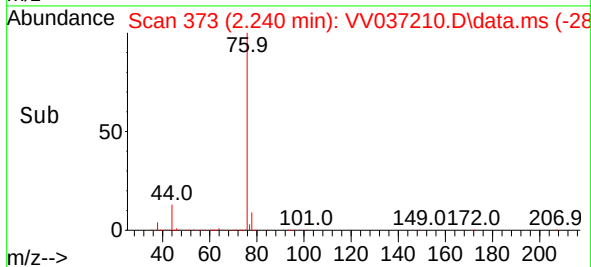
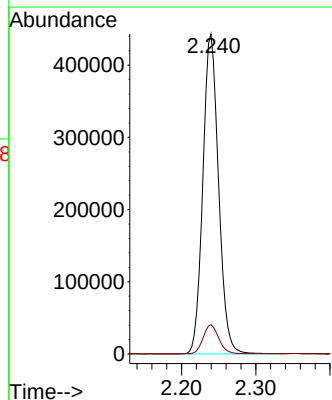
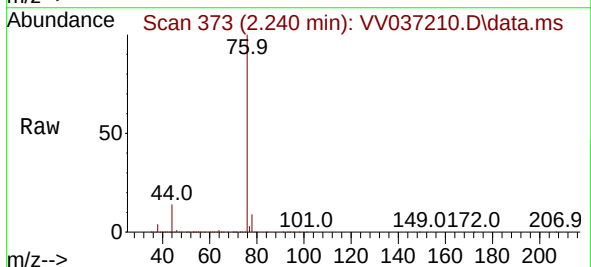
Acq: 06 Sep 2024 08:35

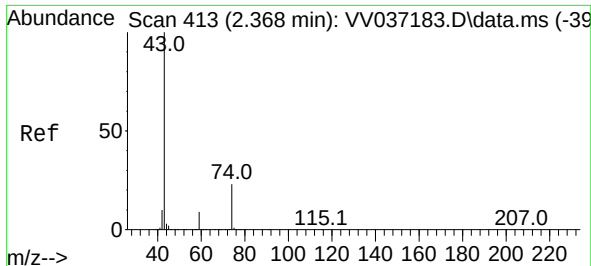
Tgt Ion: 76 Resp: 651240

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 43.030 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

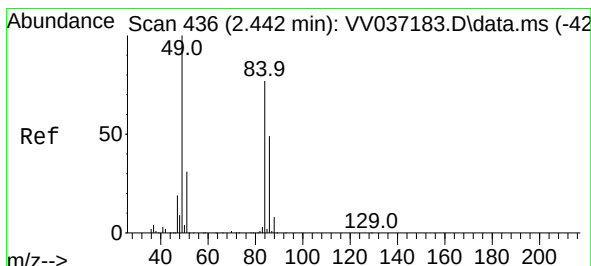
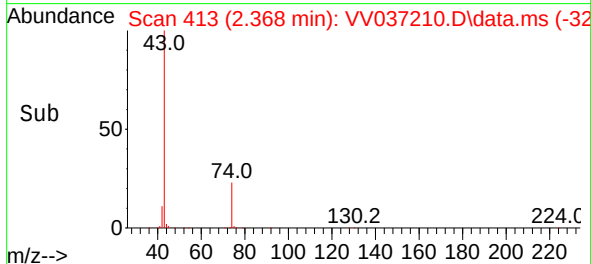
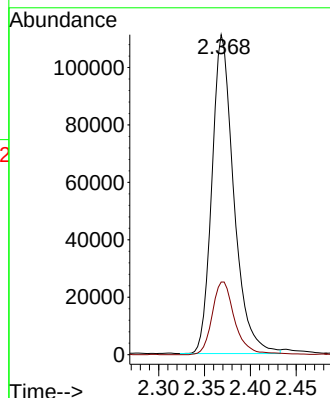
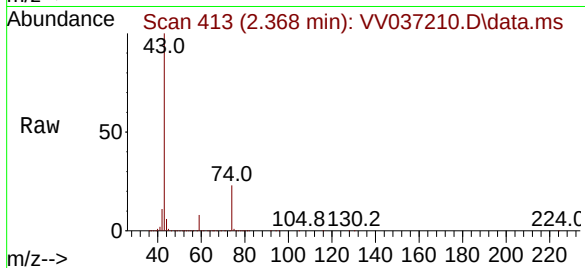
ClientSampleId :

Tgt Ion: 43 Resp: 184311

Ion Ratio Lower Upper

43 100

74 23.7 18.4 27.6



#16

Methylene chloride

Concen: 51.506 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

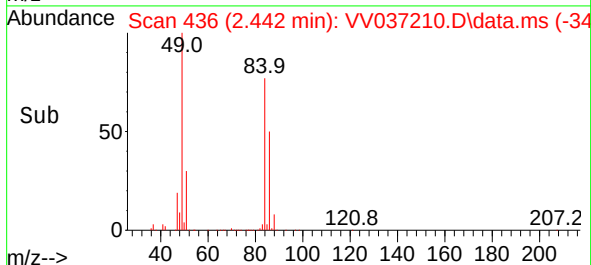
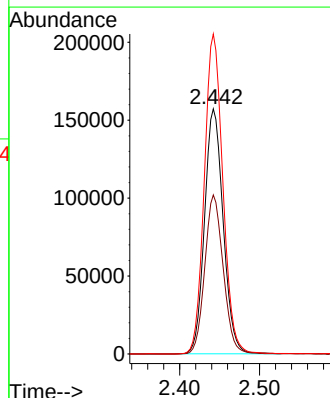
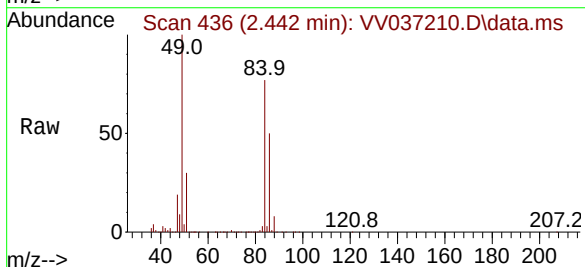
Tgt Ion: 84 Resp: 254964

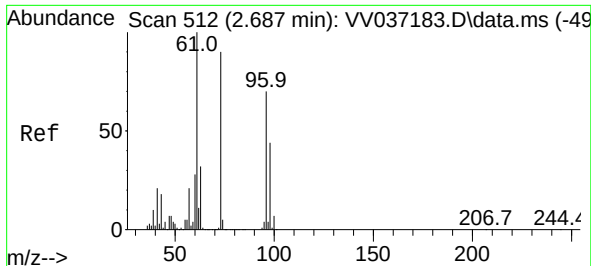
Ion Ratio Lower Upper

84 100

86 64.9 44.7 82.9

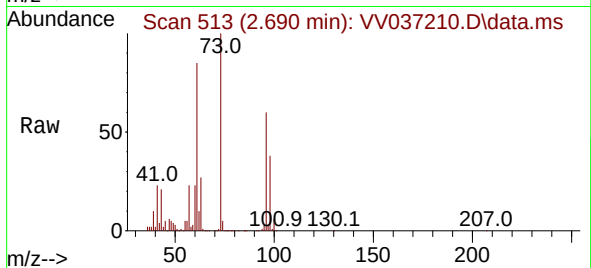
49 130.6 91.4 169.8



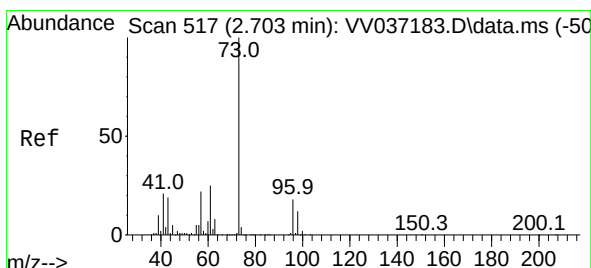
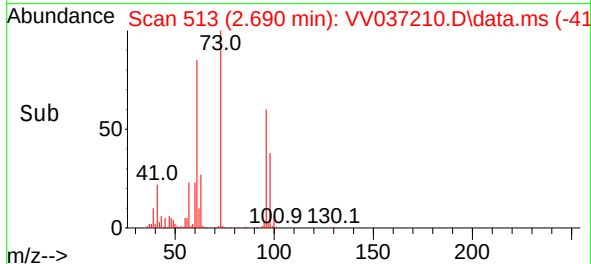
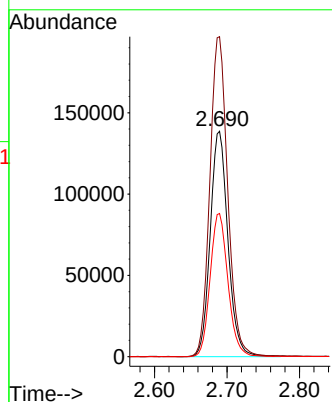


#17
trans-1,2-Dichloroethene
Concen: 51.665 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Instrument :
MSVOA_V
ClientSampleId :

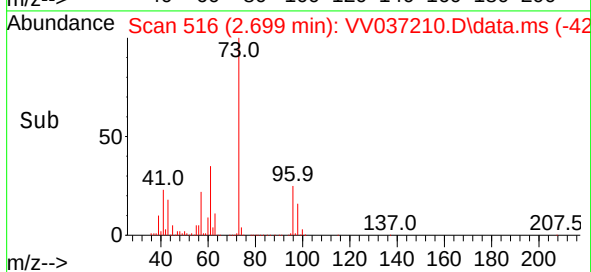
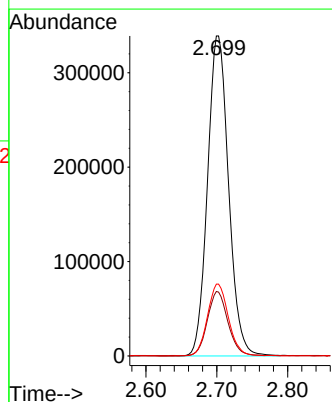
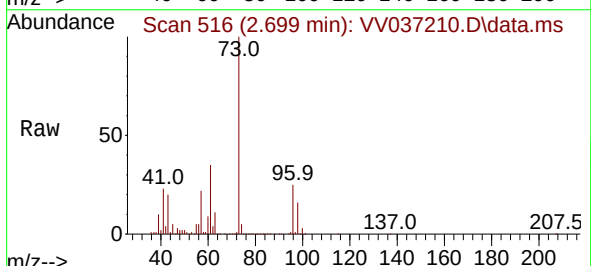


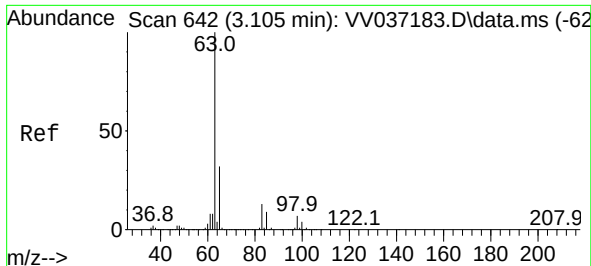
Tgt Ion: 96 Resp: 235317
Ion Ratio Lower Upper
96 100
61 142.0 102.3 189.9
98 63.5 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 48.815 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

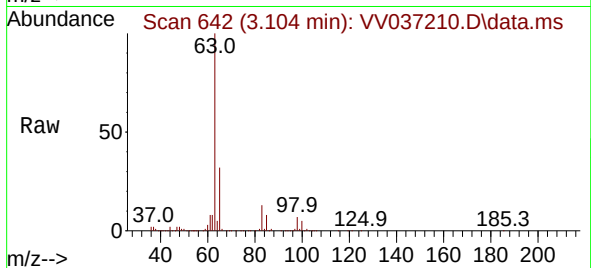
Tgt Ion: 73 Resp: 699400
Ion Ratio Lower Upper
73 100
43 19.5 15.8 23.6
57 22.3 18.1 27.1



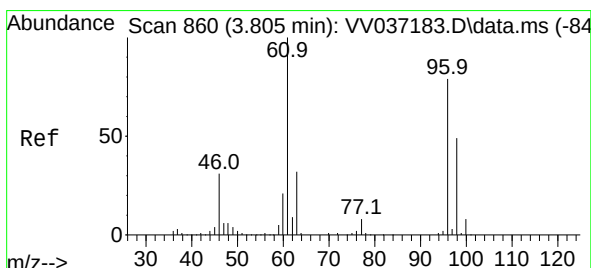
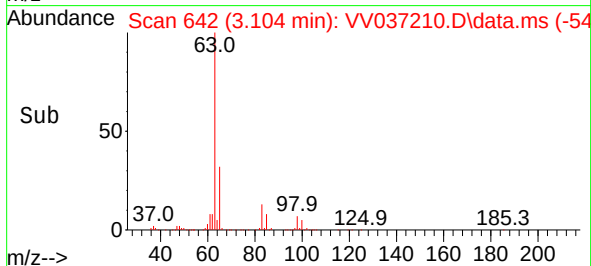
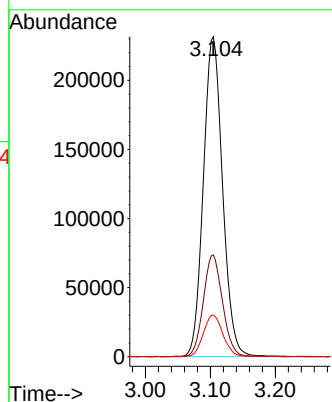


#19
1,1-Dichloroethane
Concen: 52.586 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Instrument :
MSVOA_V
ClientSampleId :

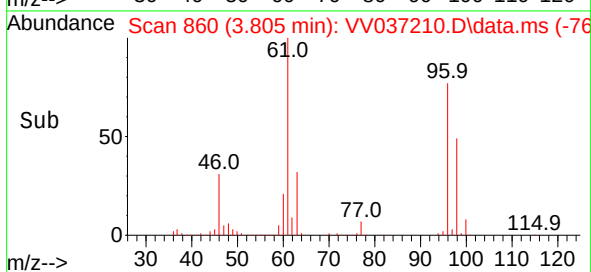
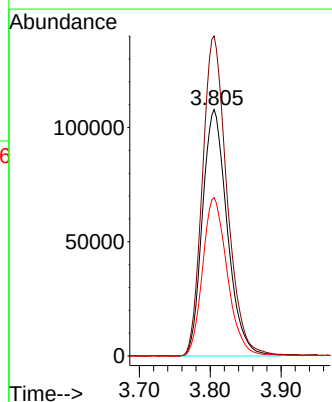
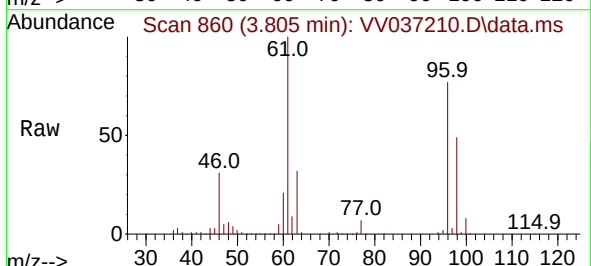


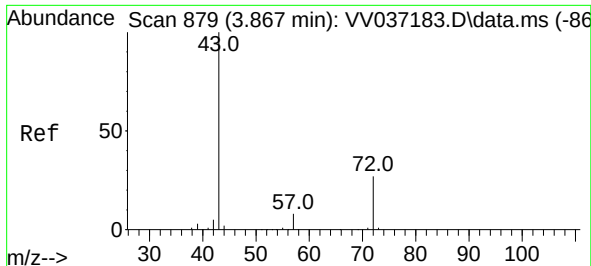
Tgt Ion: 63 Resp: 475650
Ion Ratio Lower Upper
63 100
65 31.8 22.0 41.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 52.182 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 96 Resp: 262629
Ion Ratio Lower Upper
96 100
61 129.9 89.9 166.9
98 64.3 44.8 83.2

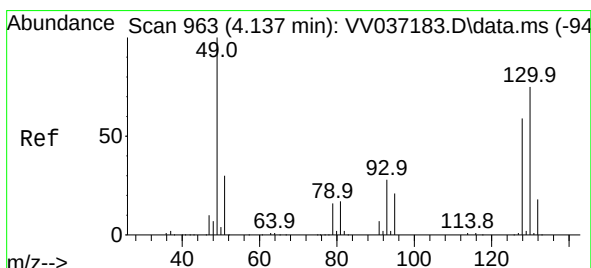
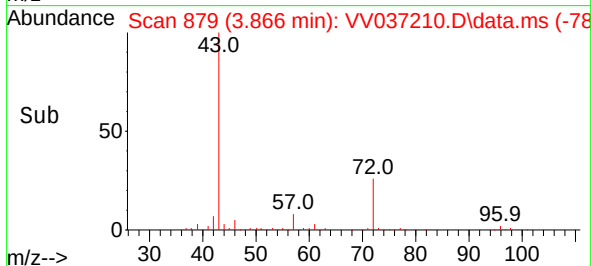
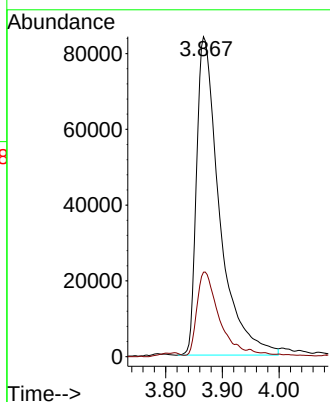
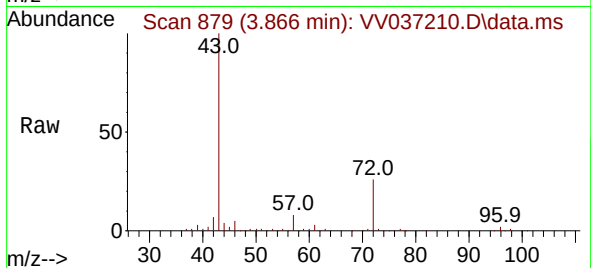




#22
2-Butanone
Concen: 83.947 ug/L
RT: 3.866 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

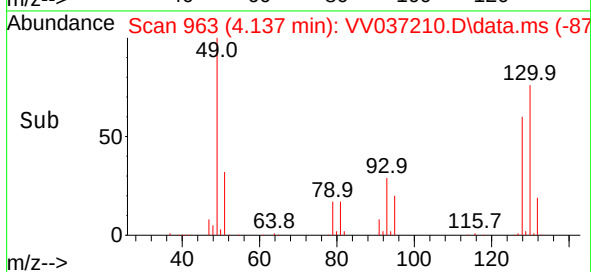
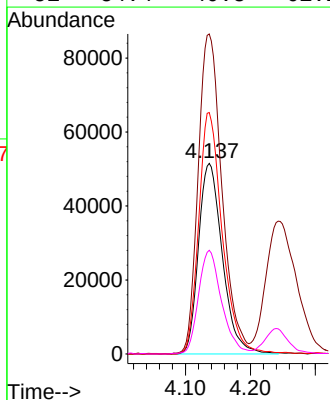
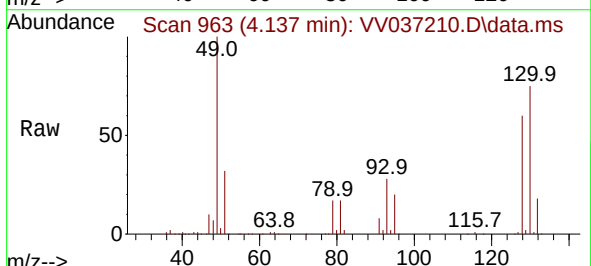
Instrument :
MSVOA_V
ClientSampleId :

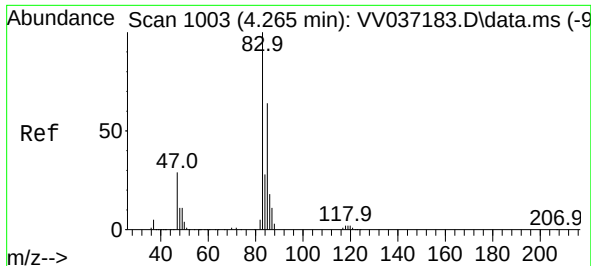
Tgt Ion: 43 Resp: 236142
Ion Ratio Lower Upper
43 100
72 24.3 12.7 38.0



#23
Bromochloromethane
Concen: 53.381 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion:128 Resp: 131882
Ion Ratio Lower Upper
128 100
49 167.9 117.2 217.6
130 126.7 87.6 162.8
51 54.4 40.8 61.2





#25

Chloroform

Concen: 52.168 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

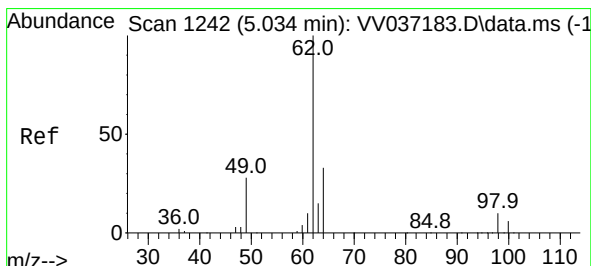
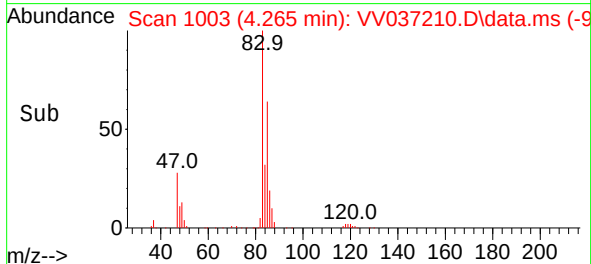
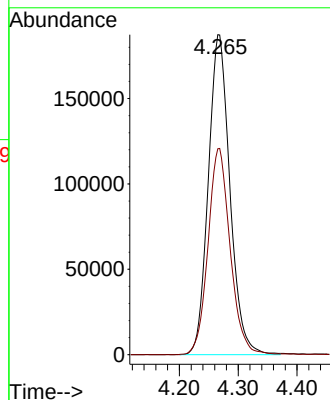
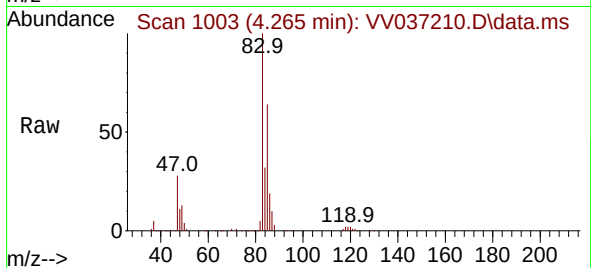
ClientSampleId :

Tgt Ion: 83 Resp: 477885

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.196 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV037210.D

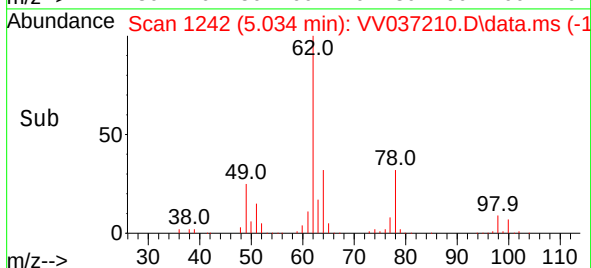
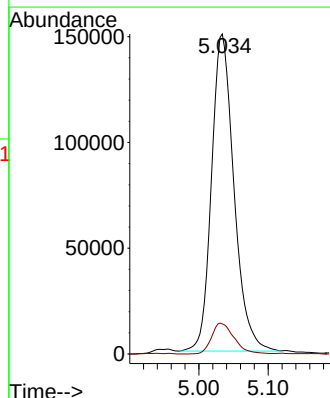
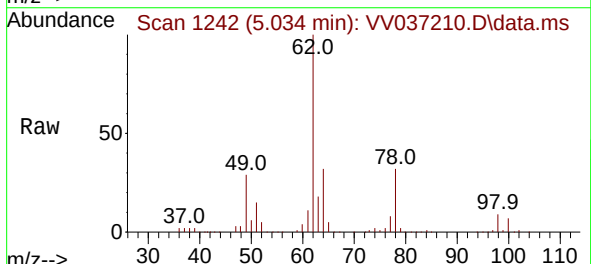
Acq: 06 Sep 2024 08:35

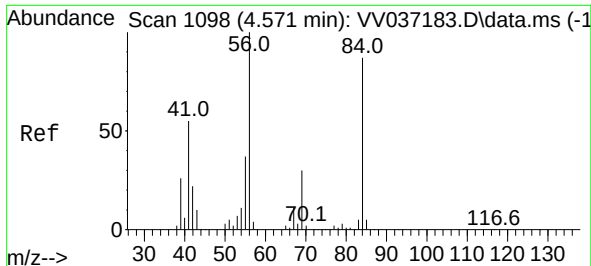
Tgt Ion: 62 Resp: 337301

Ion Ratio Lower Upper

62 100

98 9.4 8.0 12.0





#29

Cyclohexane

Concen: 51.913 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

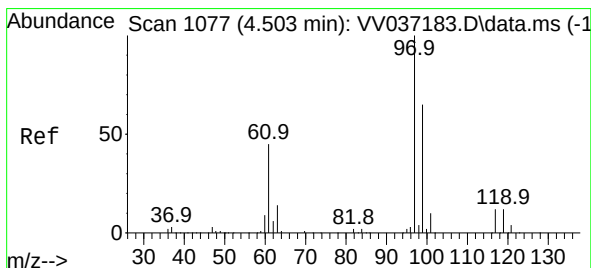
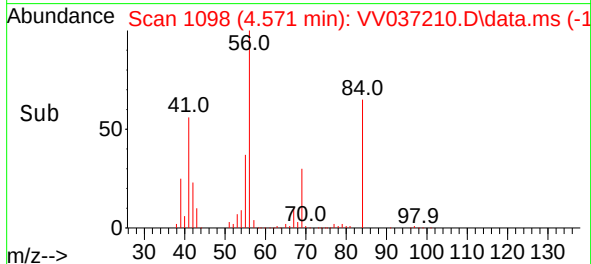
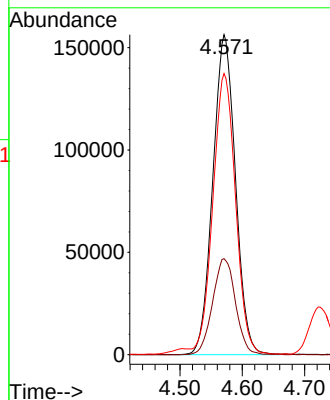
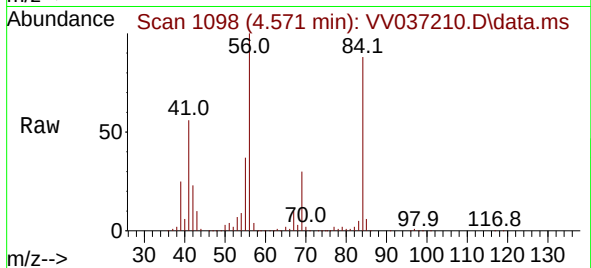
Tgt Ion: 56 Resp: 393882

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 87.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.517 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

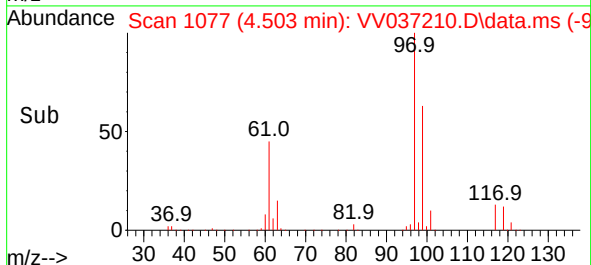
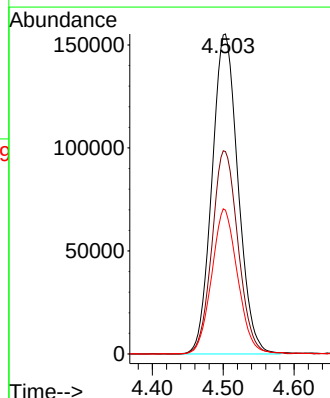
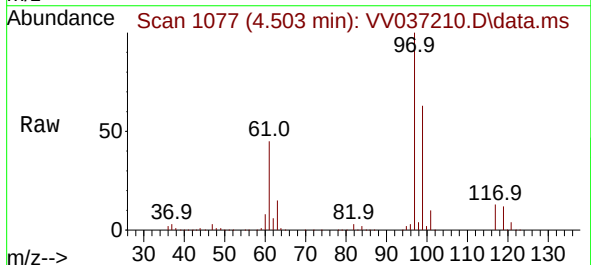
Tgt Ion: 97 Resp: 397372

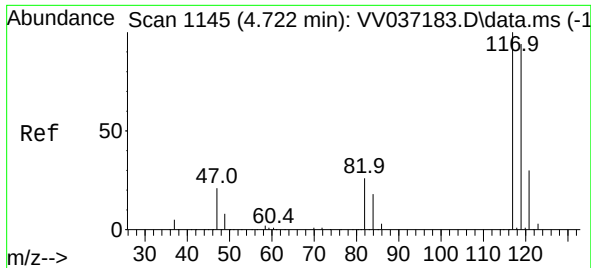
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 44.8 35.8 53.6

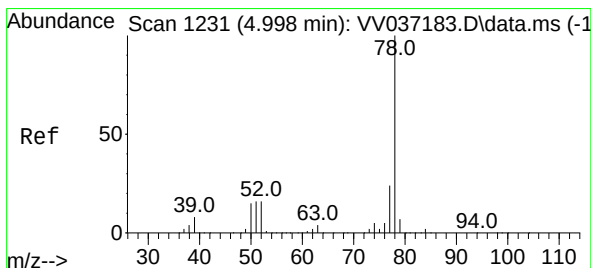
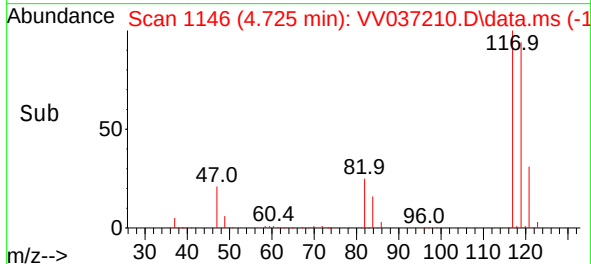
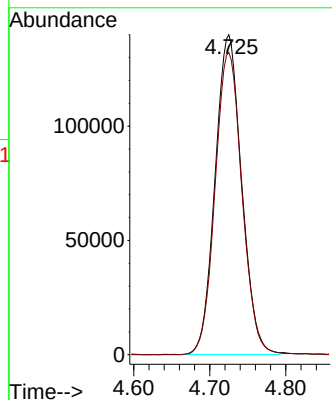
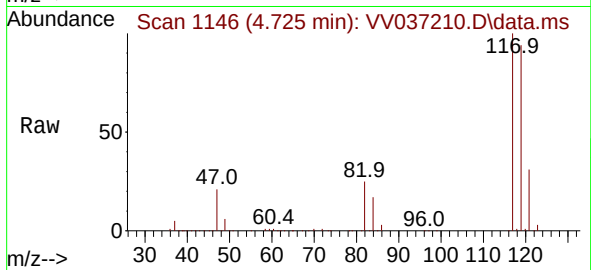




#31
Carbon tetrachloride
Concen: 54.135 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

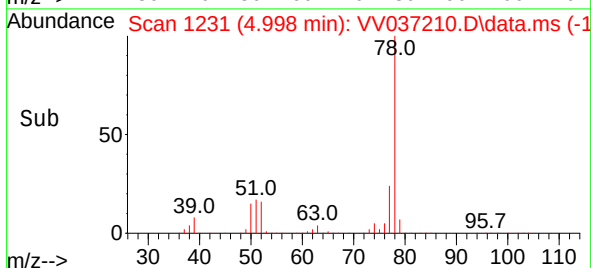
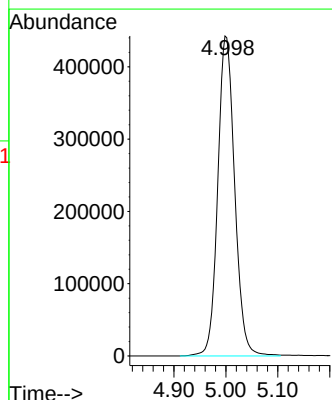
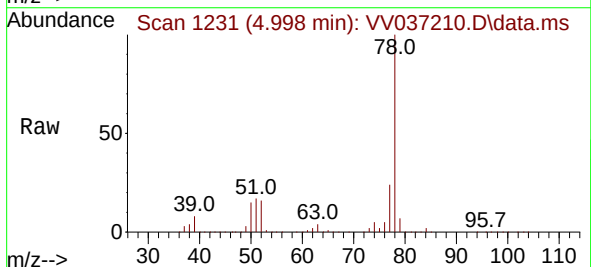
Instrument :
MSVOA_V
ClientSampleId :

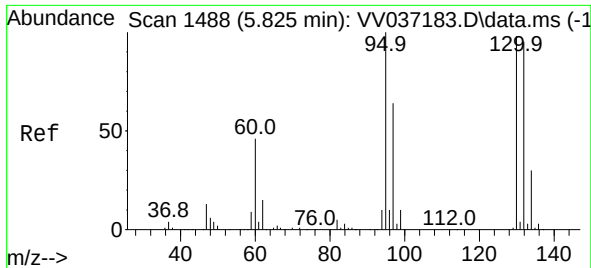
Tgt Ion:117 Resp: 339178
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6



#33
Benzene
Concen: 53.760 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

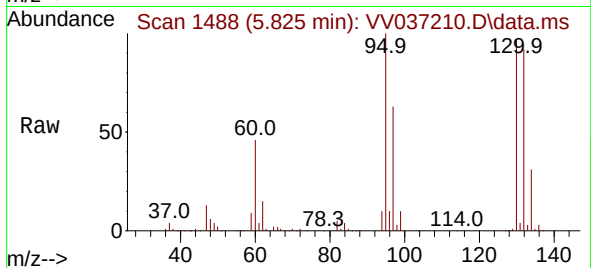
Tgt Ion: 78 Resp: 1001167





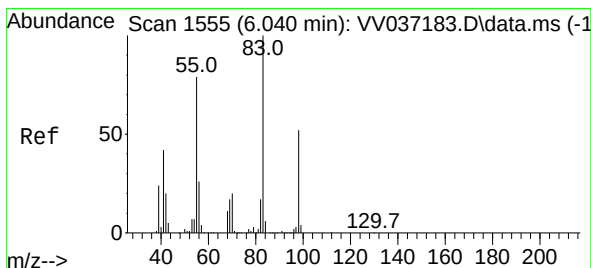
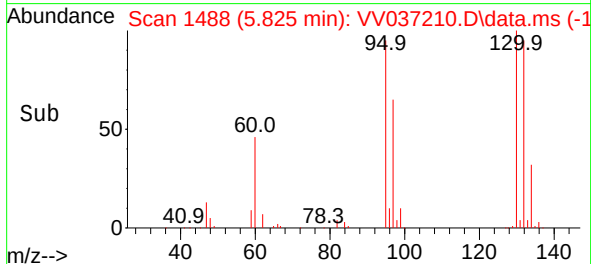
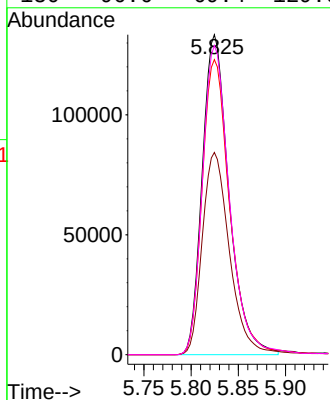
#34
Trichloroethene
Concen: 53.466 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 262808

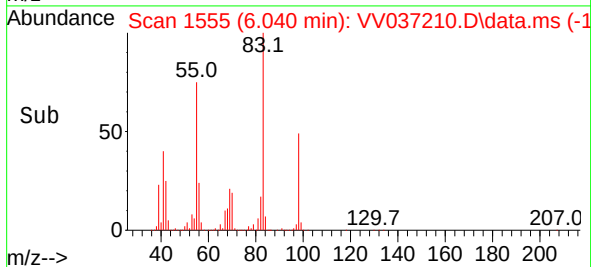
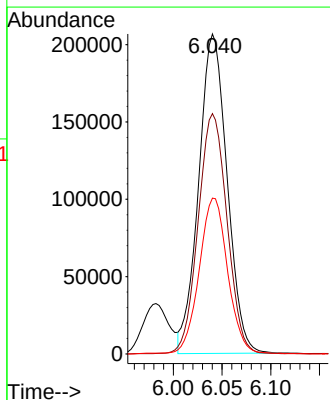
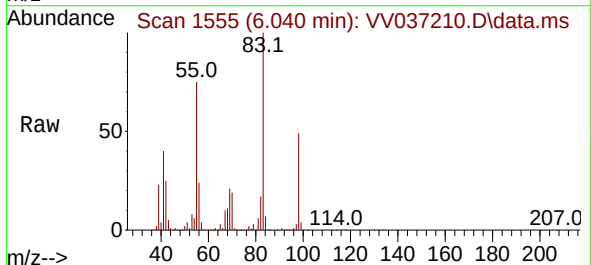
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.4	82.5
132	92.2	64.9	120.5
130	96.6	69.4	129.0

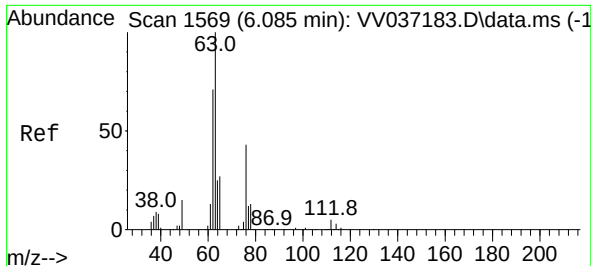


#35
Methylcyclohexane
Concen: 52.465 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 83 Resp: 418997

Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.2	91.8
98	49.2	39.3	58.9

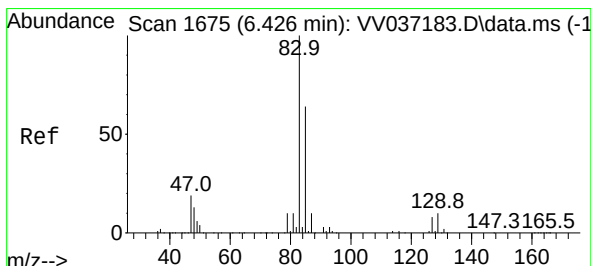
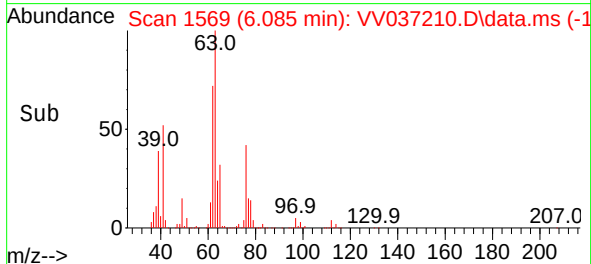
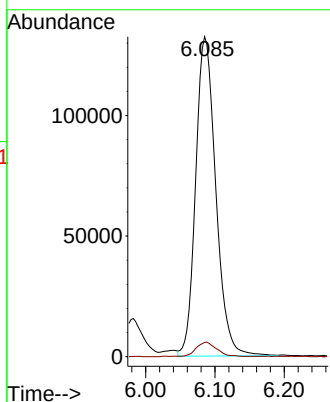
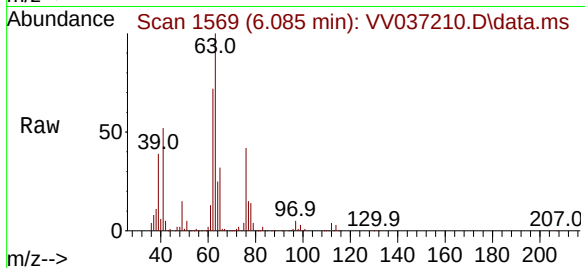




#37
1,2-Dichloropropane
Concen: 53.596 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

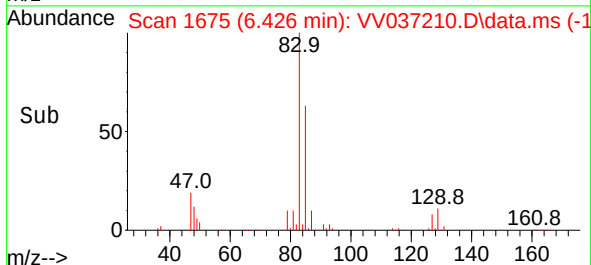
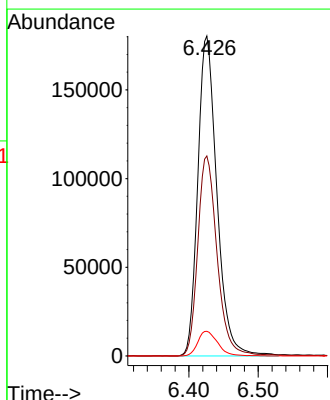
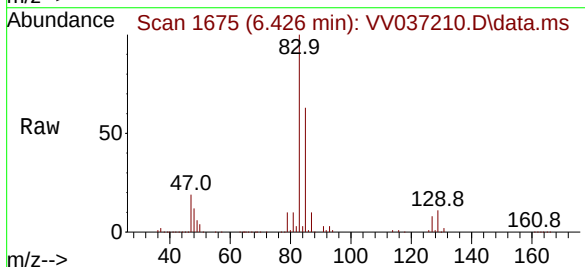
Instrument :
MSVOA_V
ClientSampleId :

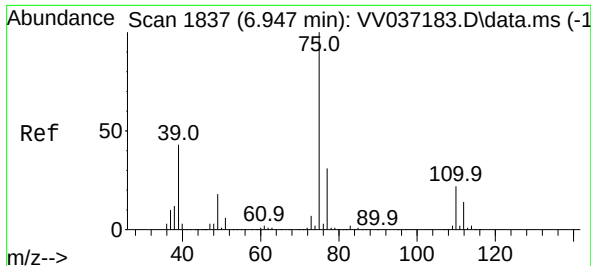
Tgt Ion: 63 Resp: 267584
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 54.138 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 83 Resp: 346432
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7
127 7.7 6.1 9.1

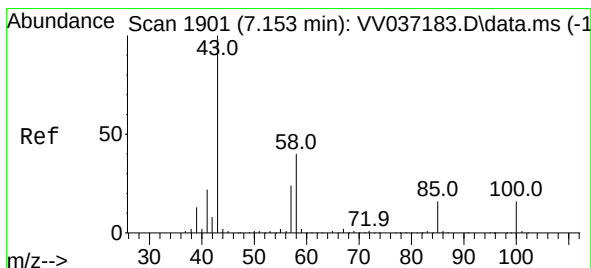
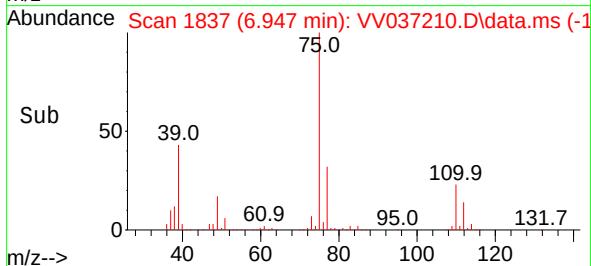
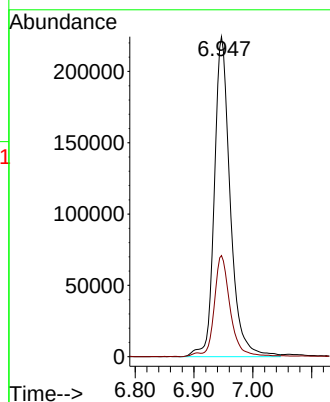
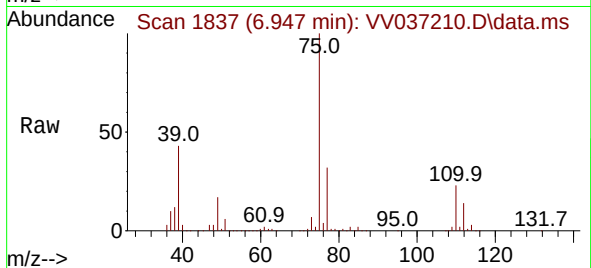




#39
 cis-1,3-Dichloropropene
 Concen: 53.660 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV037210.D
 Acq: 06 Sep 2024 08:35

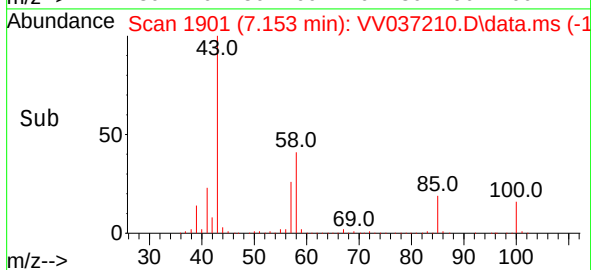
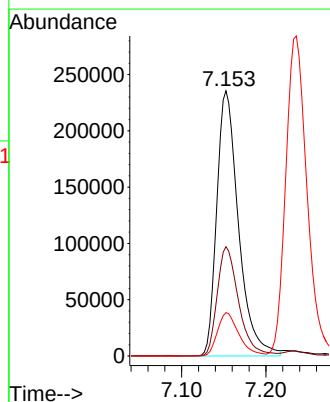
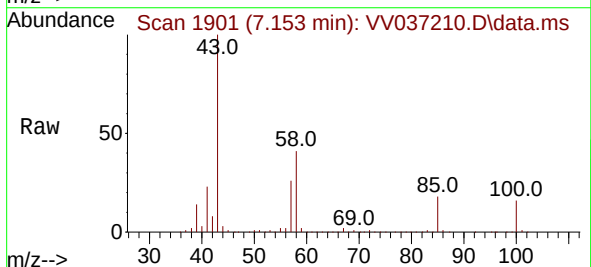
Instrument :
 MSVOA_V
 ClientSampleId :

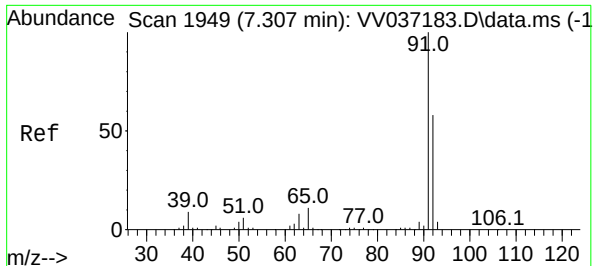
Tgt Ion: 75 Resp: 422775
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 83.077 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037210.D
 Acq: 06 Sep 2024 08:35

Tgt Ion: 43 Resp: 421679
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.0 48.0
 100 16.1 12.4 18.6

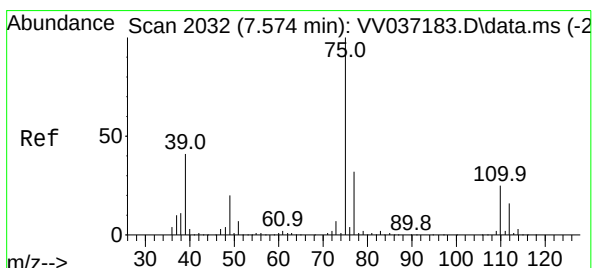
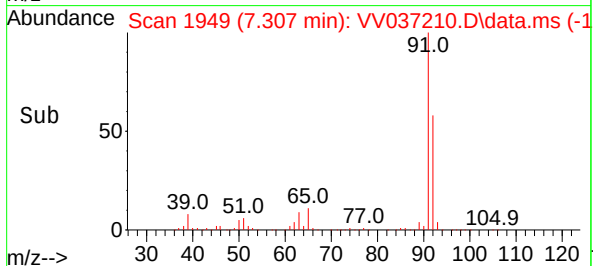
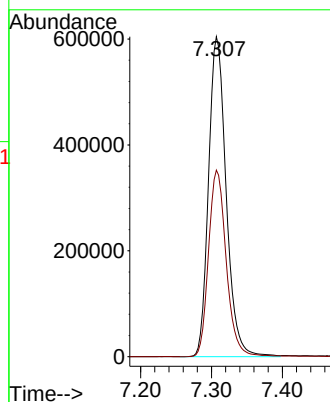
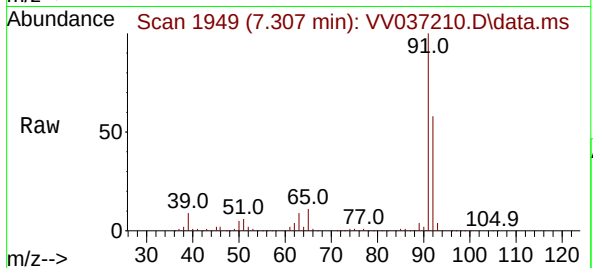




#42
Toluene
Concen: 53.863 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

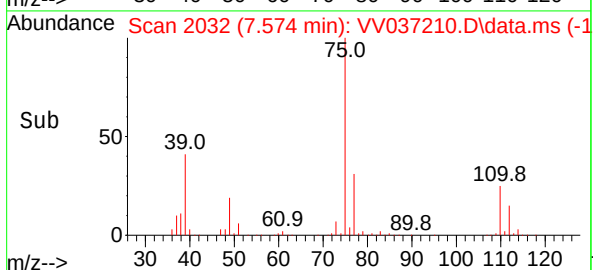
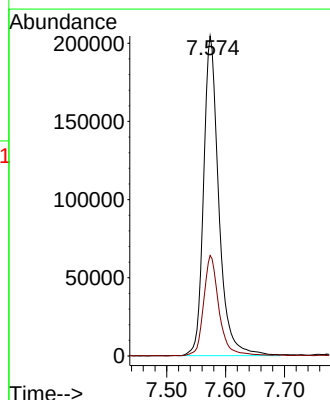
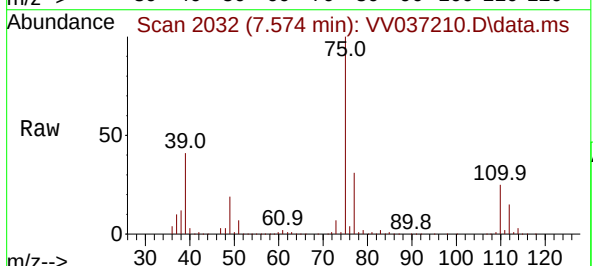
Instrument :
MSVOA_V
ClientSampleId :

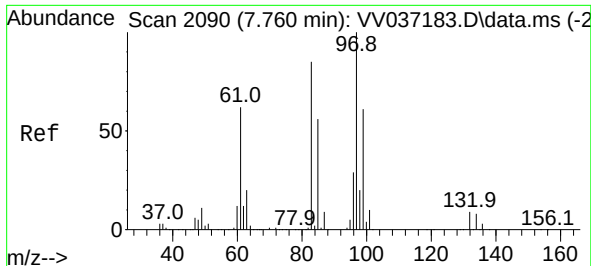
Tgt Ion: 91 Resp: 1044406
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 52.310 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 75 Resp: 368387
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.564 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 239648

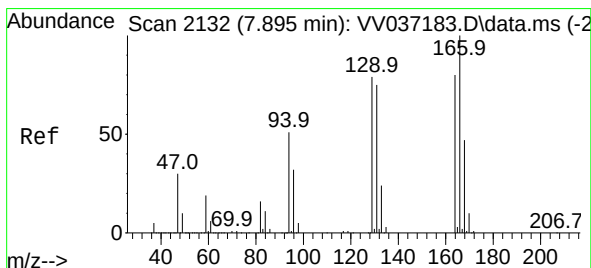
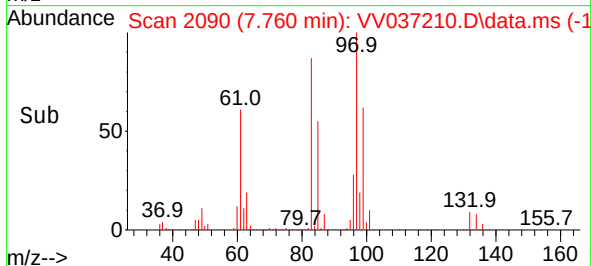
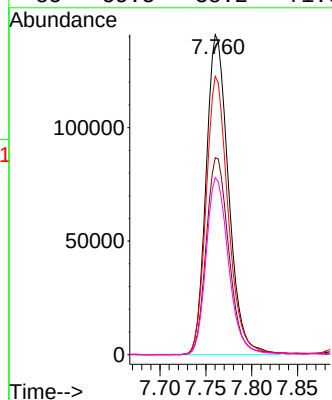
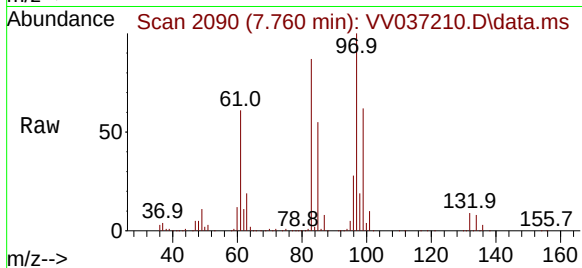
Ion Ratio Lower Upper

97 100

99 61.6 42.6 79.0

83 87.0 60.5 112.3

85 55.3 38.2 71.0



#46

Tetrachloroethene

Concen: 54.983 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Tgt Ion:164 Resp: 193915

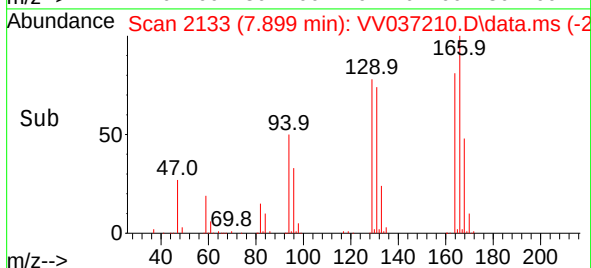
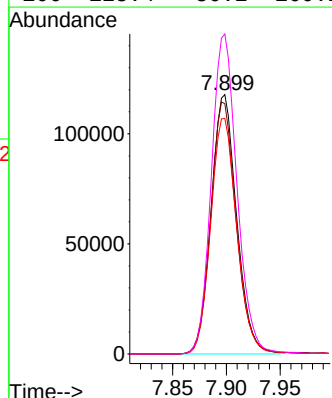
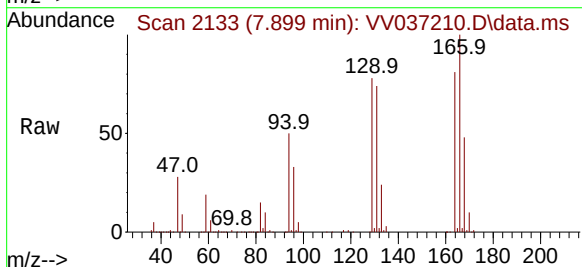
Ion Ratio Lower Upper

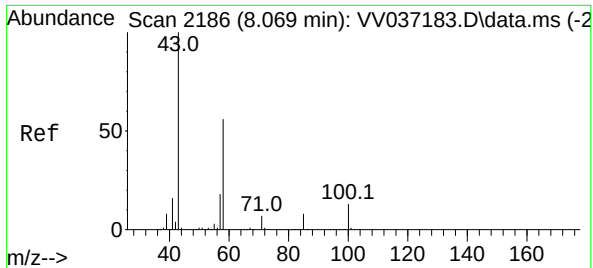
164 100

129 96.5 67.1 124.7

131 90.8 67.0 124.4

166 123.4 86.2 160.2



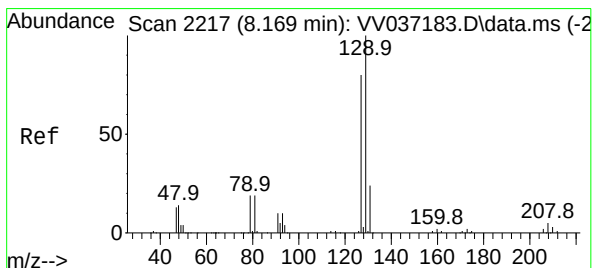
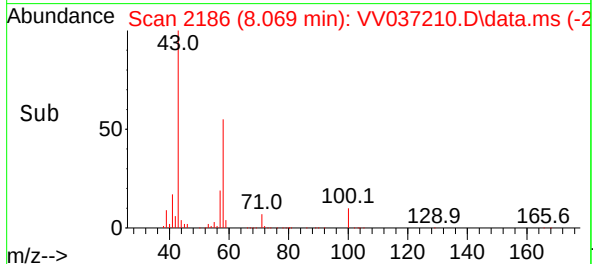
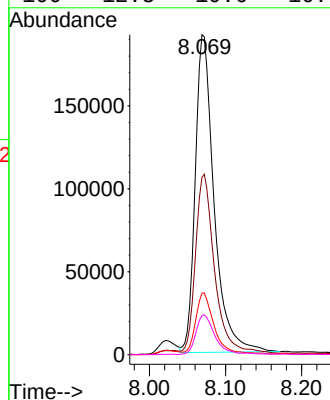
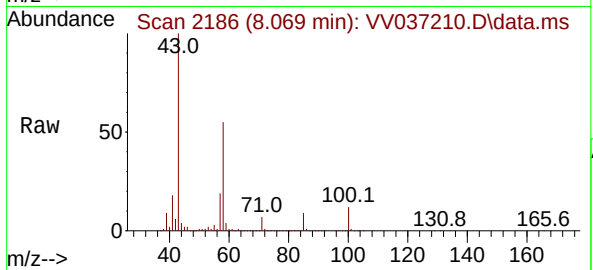


#48
2-Hexanone
Concen: 84.318 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 330989

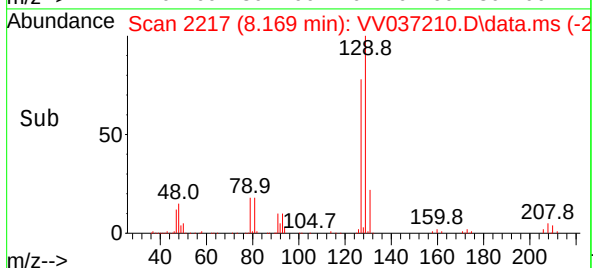
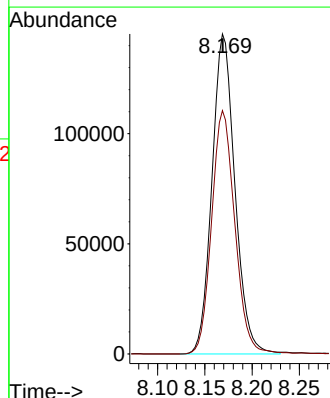
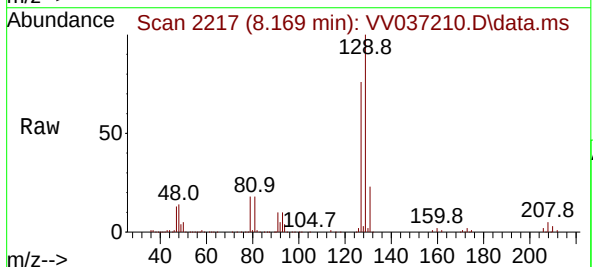
Ion	Ratio	Lower	Upper
43	100		
58	54.3	46.0	69.0
57	19.2	15.6	23.4
100	12.3	10.6	16.0

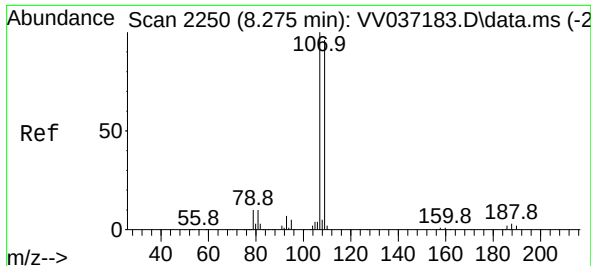


#49
Dibromochloromethane
Concen: 52.733 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 129 Resp: 245407

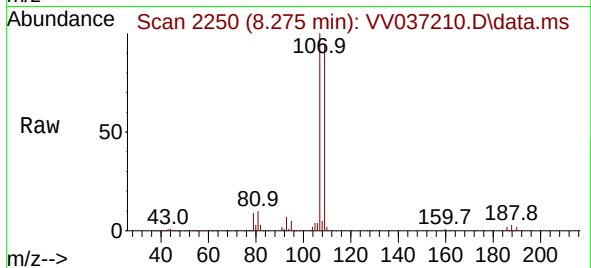
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.7	101.7



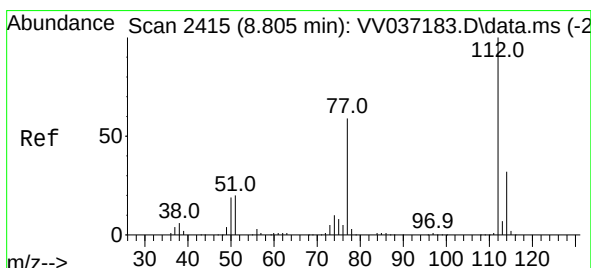
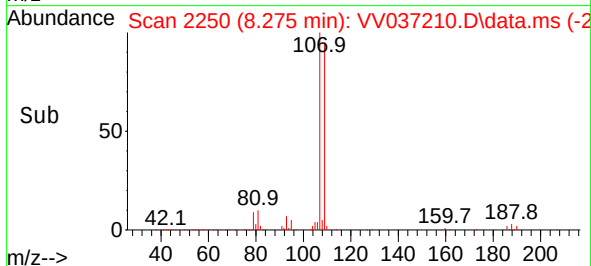
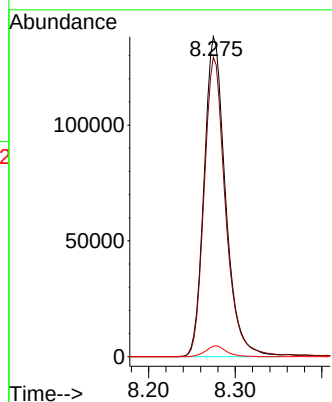


#50
1,2-Dibromoethane
Concen: 50.541 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Instrument :
MSVOA_V
ClientSampleId :

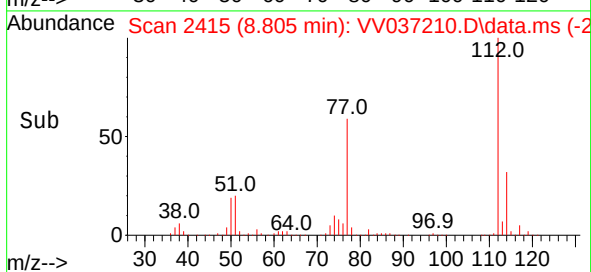
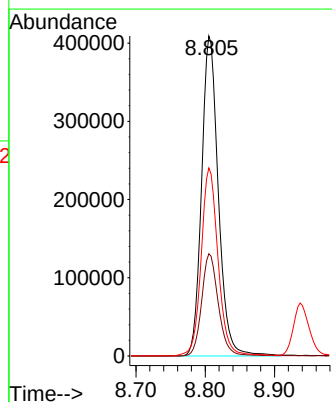
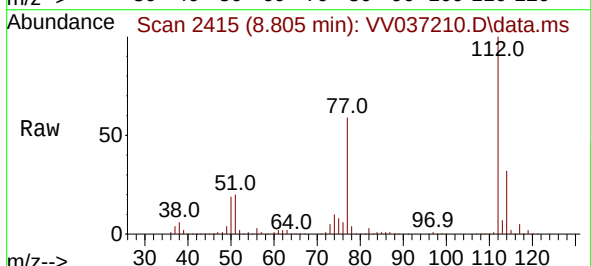


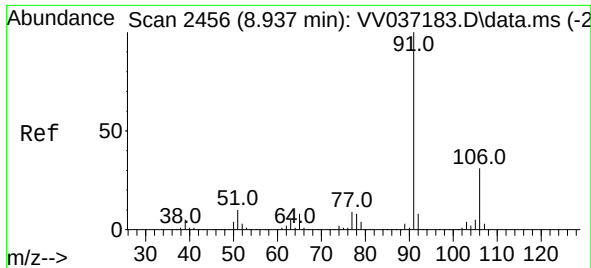
Tgt Ion:107 Resp: 237695
Ion Ratio Lower Upper
107 100
109 93.5 66.6 123.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 53.504 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion:112 Resp: 686822
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 58.8 47.8 71.8

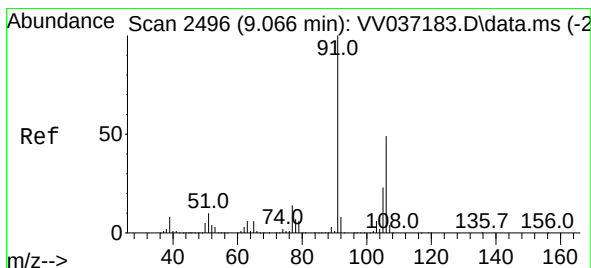
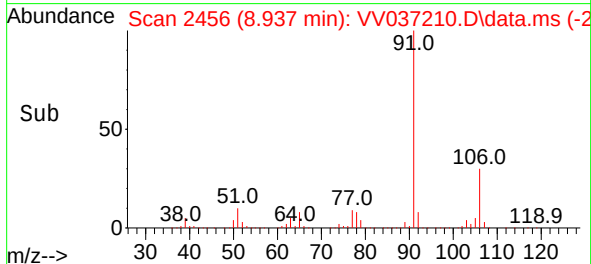
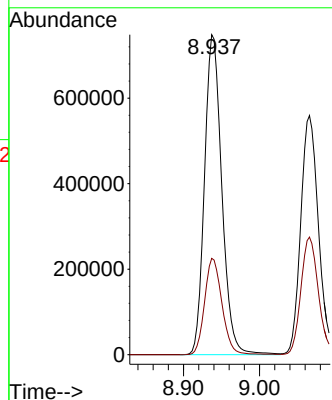
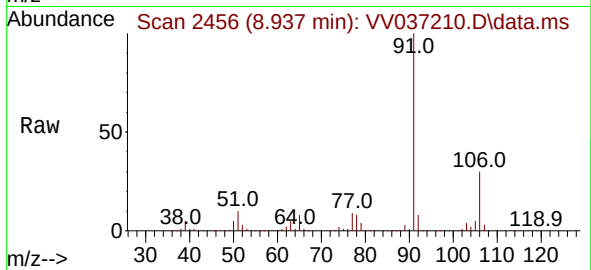




#52
Ethylbenzene
Concen: 54.145 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

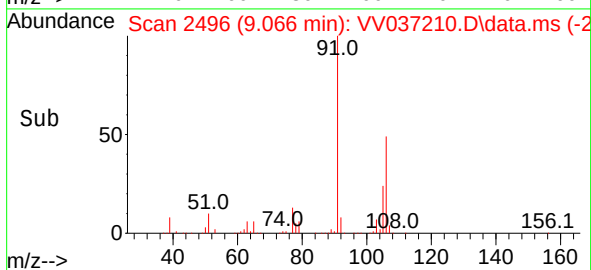
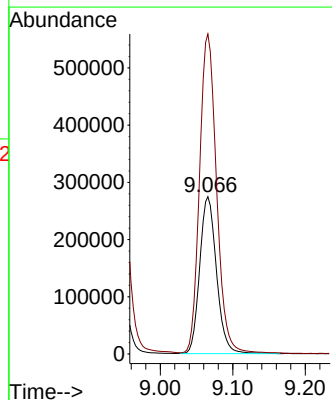
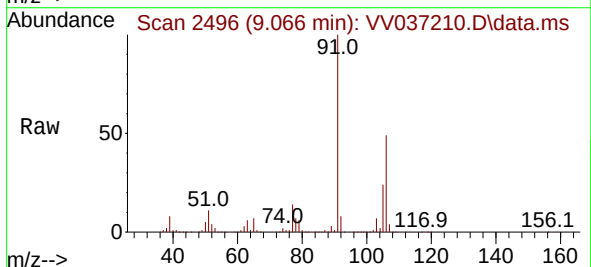
Instrument :
MSVOA_V
ClientSampleId :

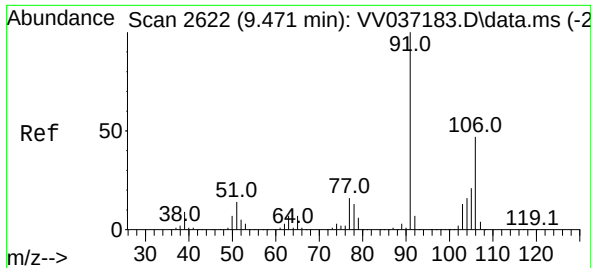
Tgt Ion: 91 Resp: 1185871
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8



#53
m,p-Xylene
Concen: 54.291 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 106 Resp: 440562
Ion Ratio Lower Upper
106 100
91 203.4 143.0 265.6

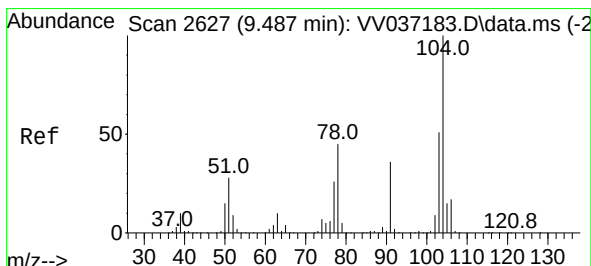
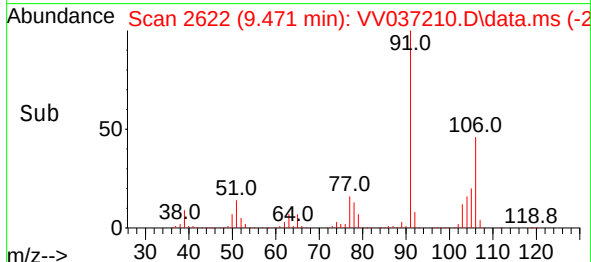
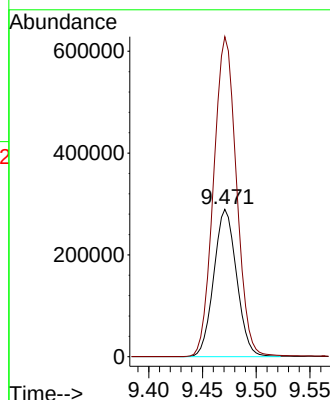
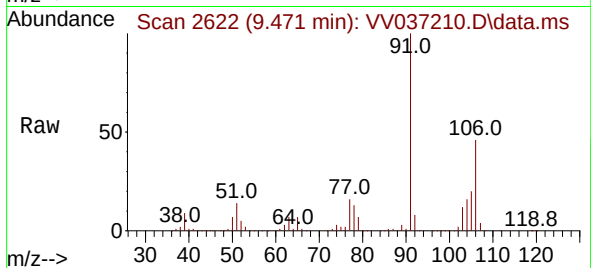




#54
o-Xylene
Concen: 53.909 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

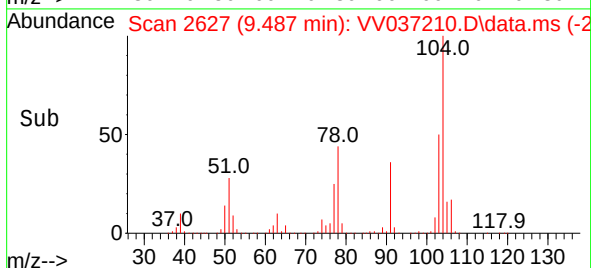
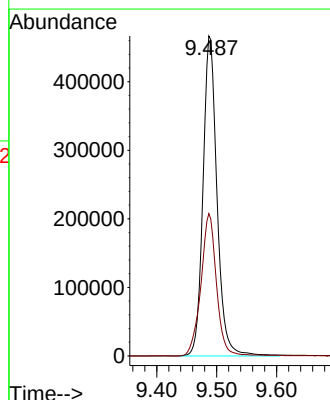
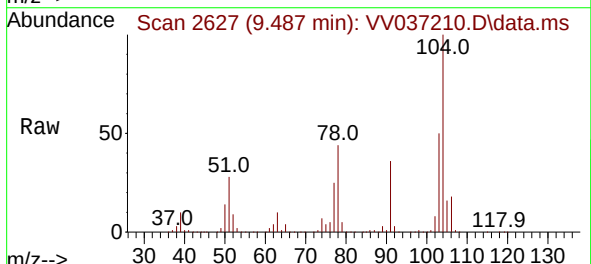
Instrument :
MSVOA_V
ClientSampleId :

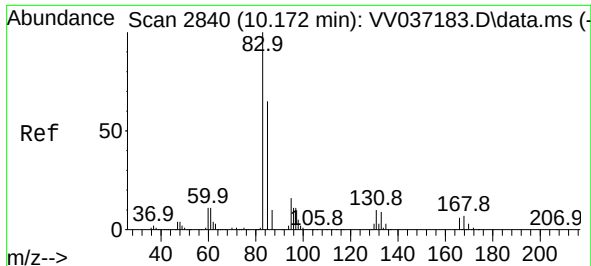
Tgt Ion:106 Resp: 428325
Ion Ratio Lower Upper
106 100
91 217.1 153.2 284.6



#55
Styrene
Concen: 55.214 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion:104 Resp: 761213
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.5

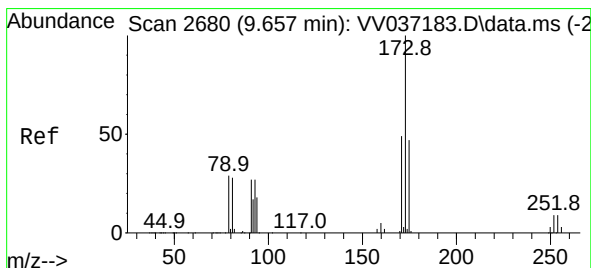
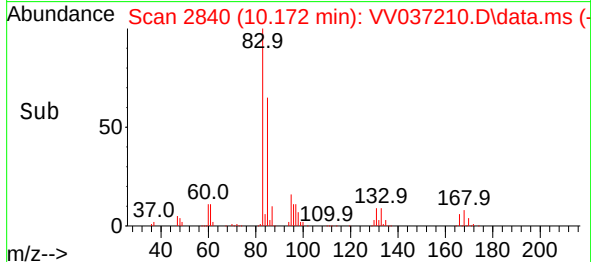
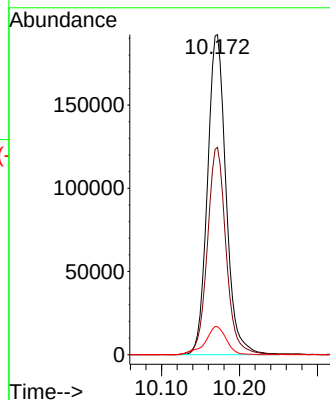
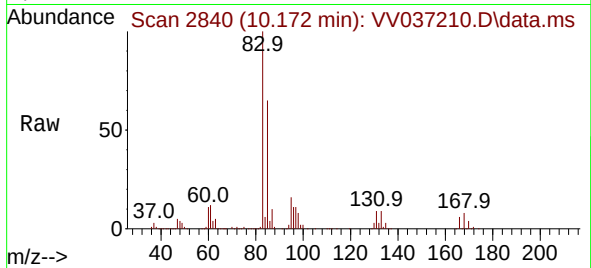




#57
1,1,2,2-Tetrachloroethane
Concen: 46.225 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

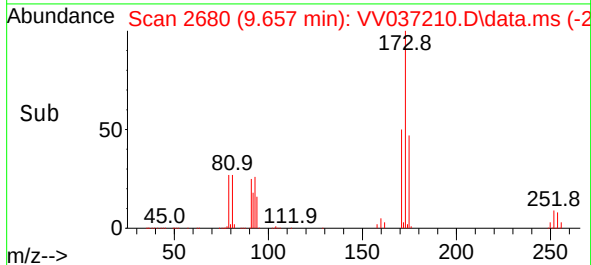
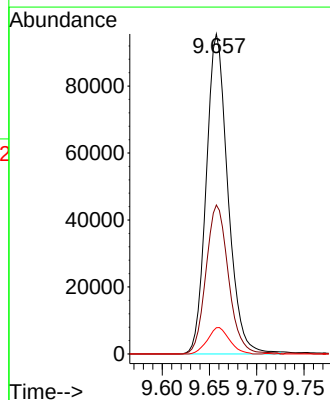
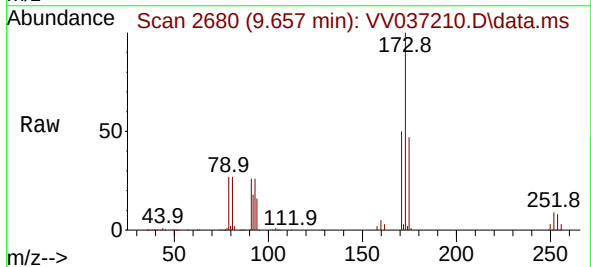
Instrument :
MSVOA_V
ClientSampleId :

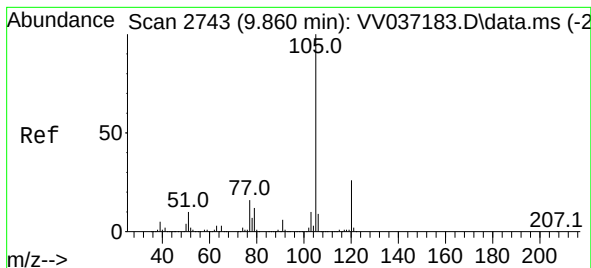
Tgt Ion: 83 Resp: 318183
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7
131 8.7 7.4 11.0



#59
Bromoform
Concen: 48.619 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

Tgt Ion: 173 Resp: 152034
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 53.812 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

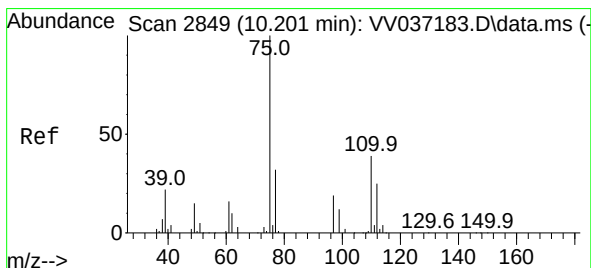
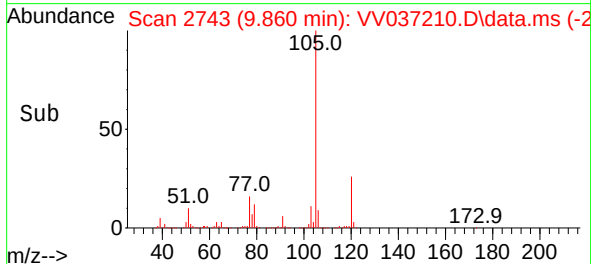
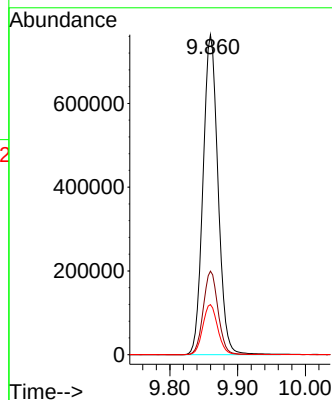
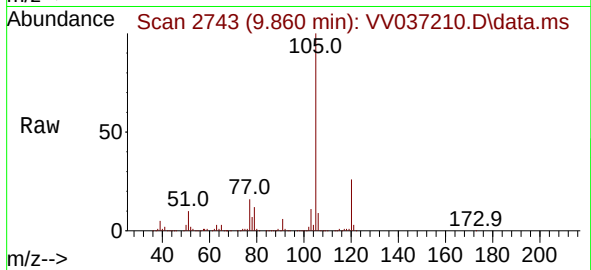
Tgt Ion:105 Resp: 1171529

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 45.250 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

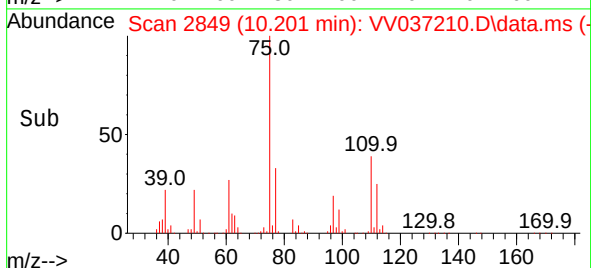
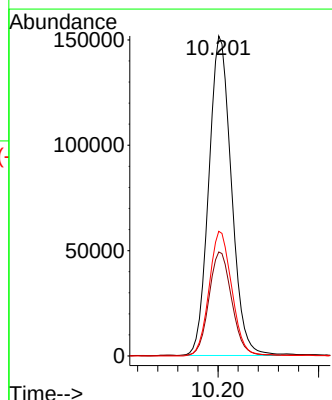
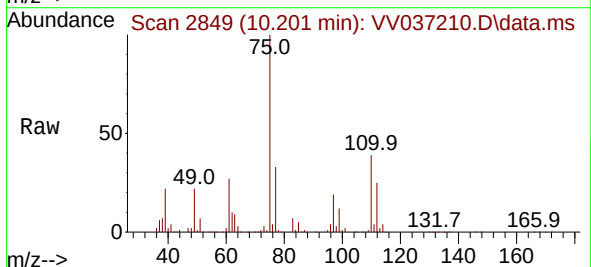
Tgt Ion: 75 Resp: 236389

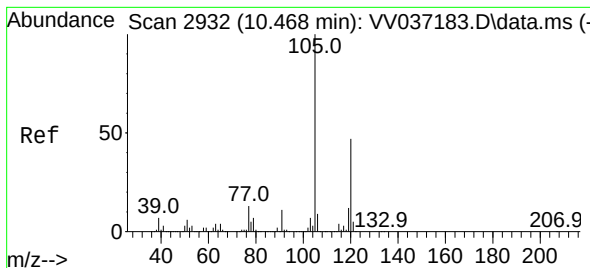
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

110 39.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 54.184 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min MSVOA_V

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

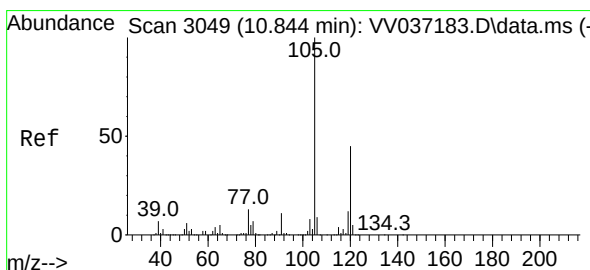
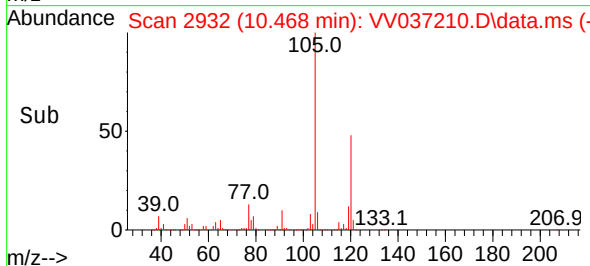
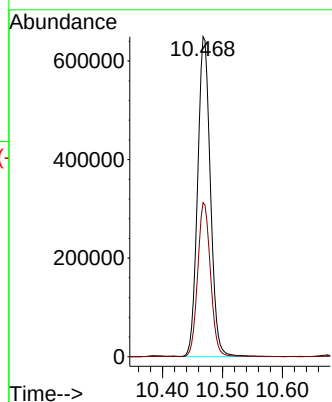
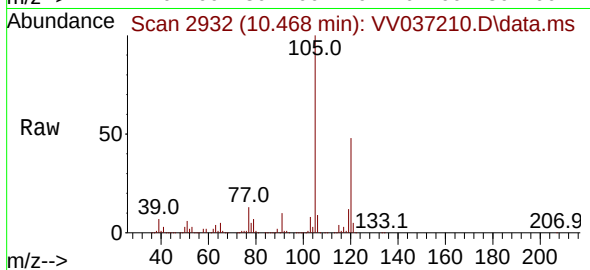
ClientSampleId :

Tgt Ion:105 Resp: 965115

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.876 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037210.D

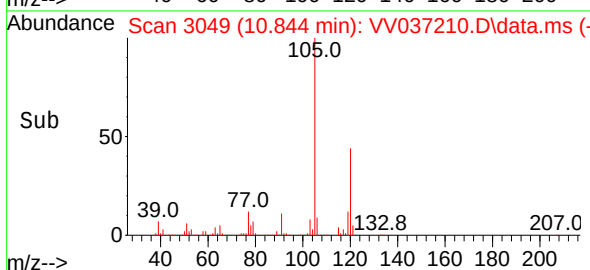
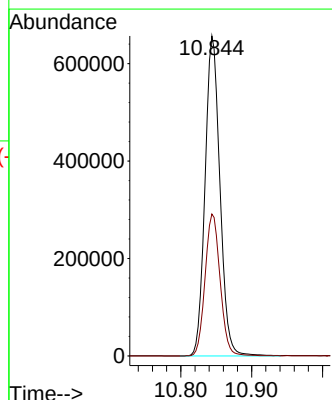
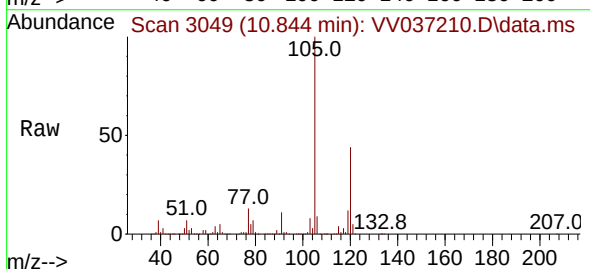
Acq: 06 Sep 2024 08:35

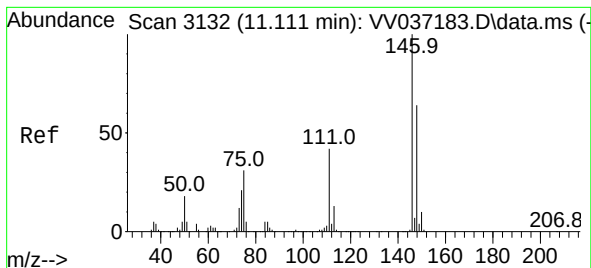
Tgt Ion:105 Resp: 957671

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 52.851 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

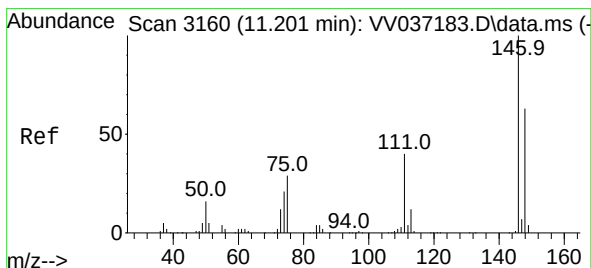
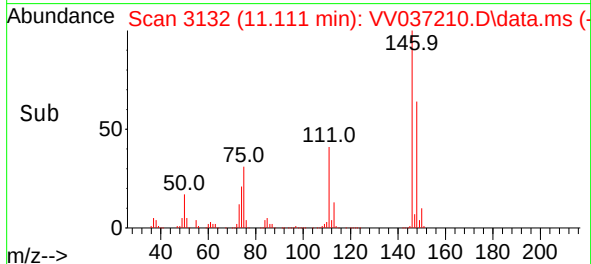
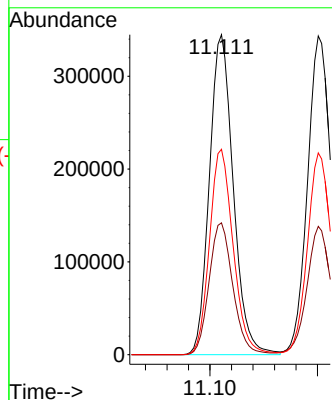
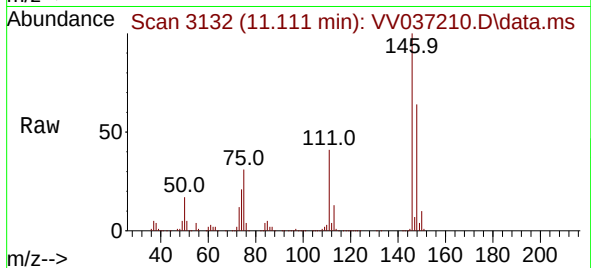
Tgt Ion:146 Resp: 531303

Ion Ratio Lower Upper

146 100

111 41.2 29.7 55.1

148 64.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.003 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

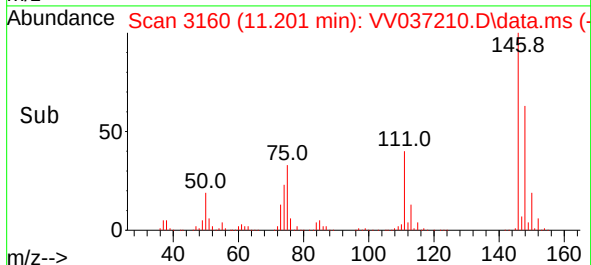
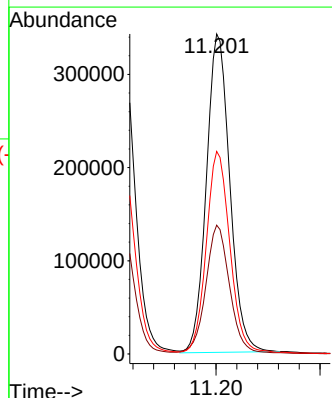
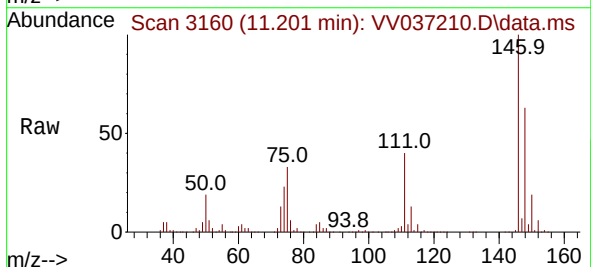
Tgt Ion:146 Resp: 535067

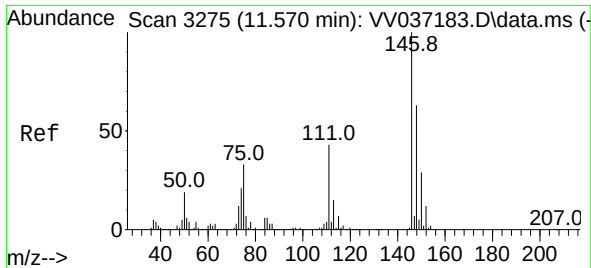
Ion Ratio Lower Upper

146 100

111 40.3 28.1 52.1

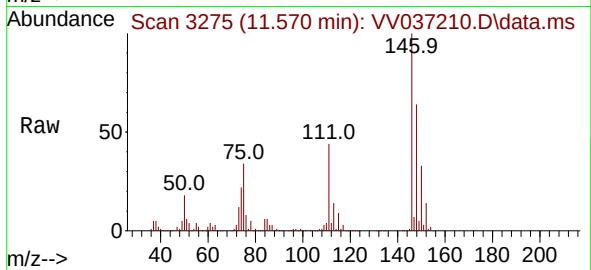
148 63.3 44.2 82.0



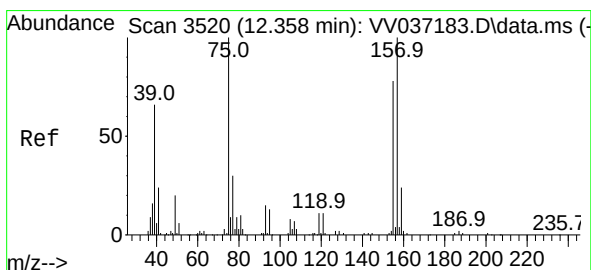
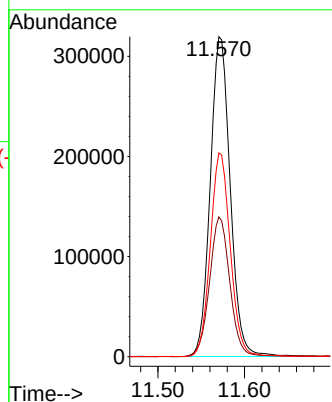
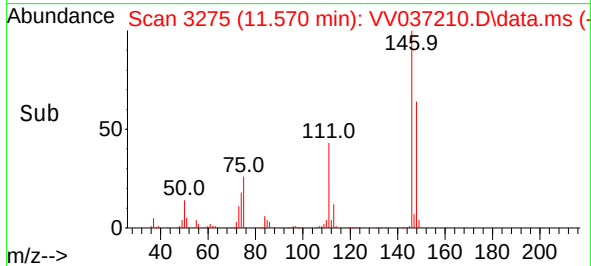


#67
1,2-Dichlorobenzene
Concen: 51.705 ug/L
RT: 11.570 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35

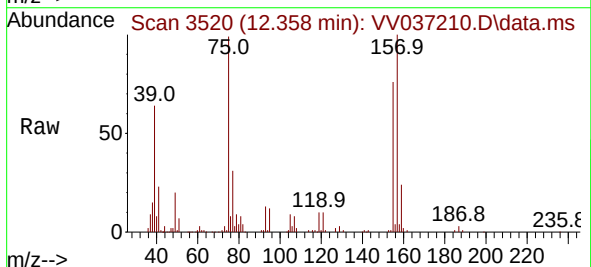
Instrument :
MSVOA_V
ClientSampleId :



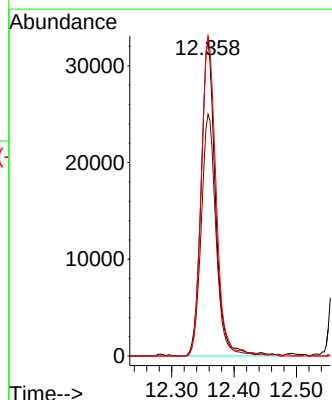
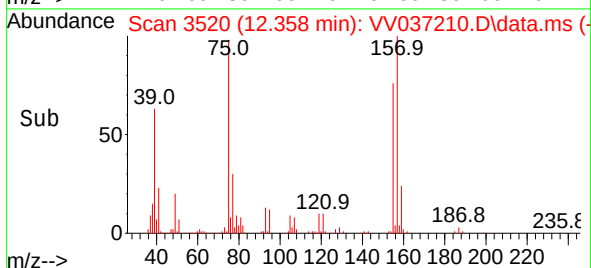
Tgt Ion:146 Resp: 511086
Ion Ratio Lower Upper
146 100
111 43.7 34.6 51.8
148 63.7 50.2 75.4

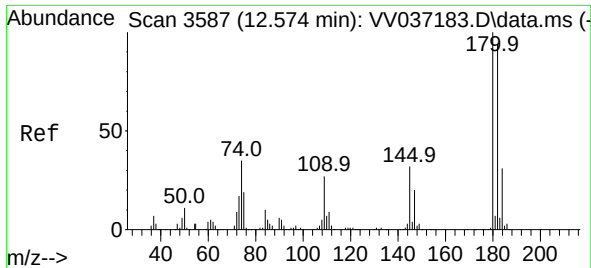


#68
1,2-Dibromo-3-chloropropane
Concen: 40.346 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037210.D
Acq: 06 Sep 2024 08:35



Tgt Ion: 75 Resp: 52563
Ion Ratio Lower Upper
75 100
155 76.7 61.8 92.6
157 101.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 53.076 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

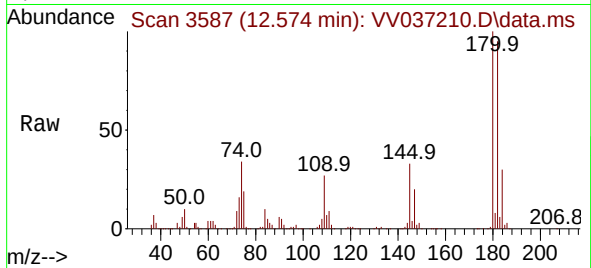
Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 371261

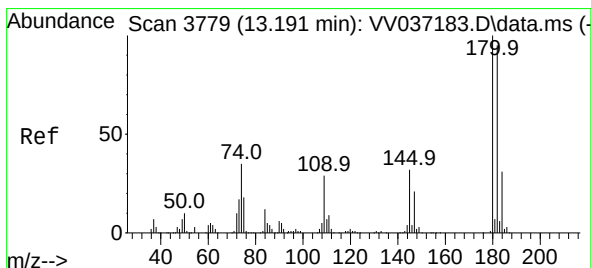
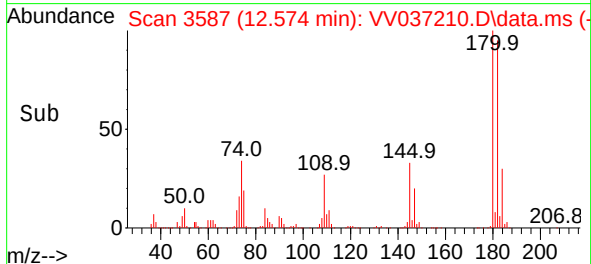
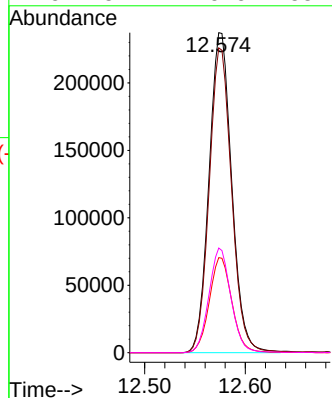
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

184 29.6 24.2 36.2

145 31.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 51.297 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

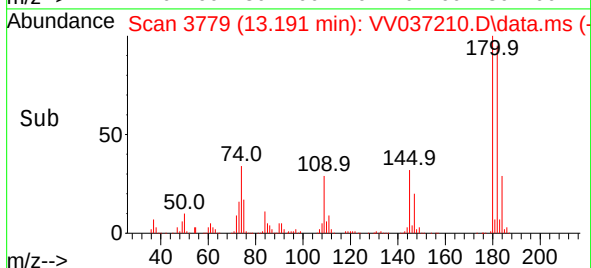
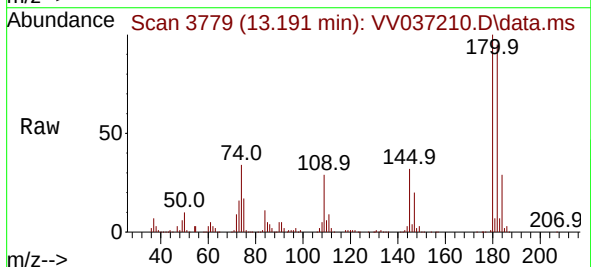
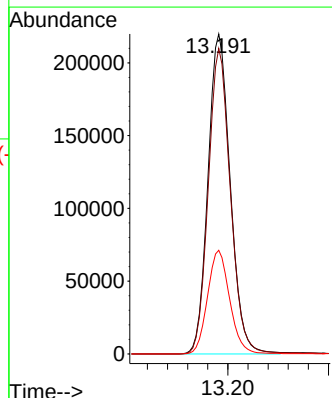
Tgt Ion:180 Resp: 337879

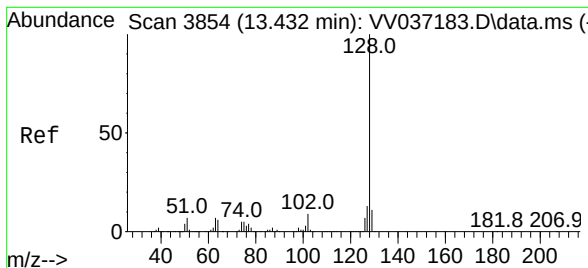
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 32.3 26.0 39.0





#71

Naphthalene

Concen: 44.614 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Instrument :

MSVOA_V

ClientSampleId :

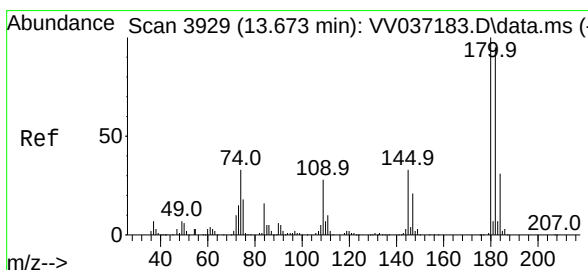
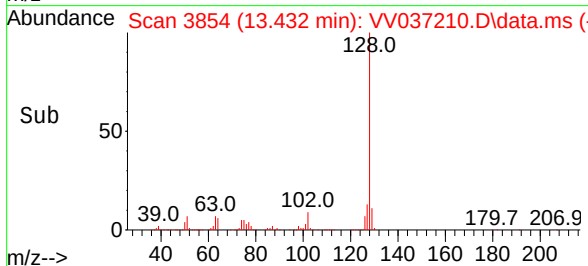
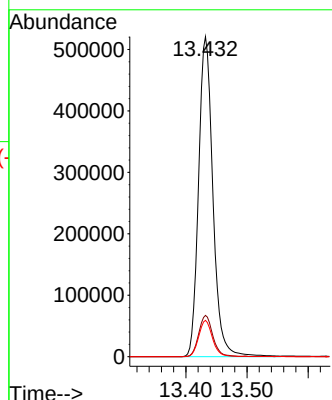
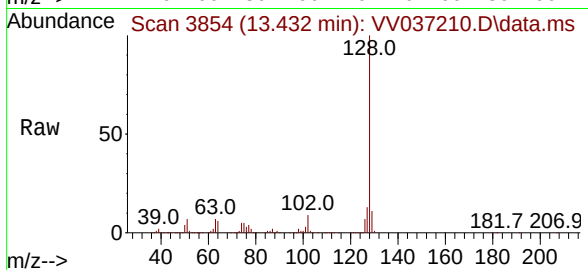
Tgt Ion:128 Resp: 848543

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.378 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037210.D

Acq: 06 Sep 2024 08:35

Tgt Ion:180 Resp: 327006

Ion Ratio Lower Upper

180 100

182 93.5 75.1 112.7

145 33.9 27.0 40.4

