

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037650.D
 Acq On : 30 Sep 2024 13:27
 Operator : SY/MD
 Sample : P4218-02MS 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:06:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	685906	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	684941	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	383803	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	275811	45.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.620%
7) Chloroethane-d5	1.516	69	220395	47.157	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.320%
11) 1,1-Dichloroethene-d2	2.056	65	118032	46.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
21) 2-Butanone-d5	3.789	46	184681	86.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.110%
24) Chloroform-d	4.243	84	506289	47.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	4.934	65	296876	47.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	4.950	84	999680	46.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	5.982	67	310839	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	7.236	98	939919	48.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	7.548	79	147478	46.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.040%
47) 2-Hexanone-d5	8.024	63	154905	107.487	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.490%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	370912	46.773	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.540%
66) 1,2-Dichlorobenzene-d4	11.554	152	375988	46.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	288507	49.409	ug/L	99
3) Chloromethane	1.217	50	274052	48.343	ug/L	99
5) Vinyl chloride	1.285	62	284718	46.848	ug/L	100
6) Bromomethane	1.468	94	116882	34.655	ug/L	99
8) Chloroethane	1.535	64	179217	47.844	ug/L	98
9) Trichlorofluoromethane	1.706	101	403815	49.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243015	49.712	ug/L	99
12) 1,1-Dichloroethene	2.066	96	221246	48.451	ug/L	88
13) Acetone	2.114	43	150919	71.785	ug/L	100
14) Carbon disulfide	2.236	76	647214	45.406	ug/L	99
15) Methyl Acetate	2.371	43	194659	53.056	ug/L	100
16) Methylene chloride	2.442	84	248265	48.016	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	234337	48.509	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	701001	50.578	ug/L	100
19) 1,1-Dichloroethane	3.104	63	449468	48.561	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	266215	49.245	ug/L	98
22) 2-Butanone	3.876	43	201366	86.535	ug/L	96
23) Bromochloromethane	4.140	128	140815	50.356	ug/L	96
25) Chloroform	4.268	83	467659	48.801	ug/L	100

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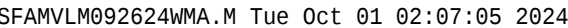
Instrument :
 MSVOA_V
 ClientSampleId :

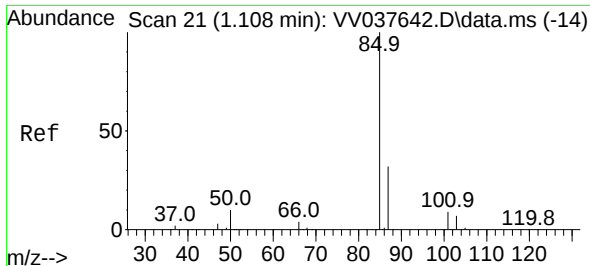
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	337774	49.928	ug/L	99
29) Cyclohexane	4.571	56	359958	46.286	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	403877	47.876	ug/L	100
31) Carbon tetrachloride	4.725	117	356607	48.622	ug/L	100
33) Benzene	5.002	78	996623	48.246	ug/L	100
34) Trichloroethene	5.825	95	257899	46.880	ug/L	97
35) Methylcyclohexane	6.043	83	407840	48.191	ug/L	99
37) 1,2-Dichloropropane	6.088	63	266447	49.950	ug/L	99
38) Bromodichloromethane	6.426	83	353245	49.538	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	428753	50.353	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	418394	96.334	ug/L	96
42) Toluene	7.310	91	1120527	52.324	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	383340	50.005	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	255253	49.835	ug/L	98
46) Tetrachloroethene	7.899	164	208656	49.608	ug/L	97
48) 2-Hexanone	8.072	43	316207	93.631	ug/L	99
49) Dibromochloromethane	8.169	129	269017	49.625	ug/L	99
50) 1,2-Dibromoethane	8.275	107	259108	48.939	ug/L	100
51) Chlorobenzene	8.808	112	710812	48.719	ug/L	98
52) Ethylbenzene	8.940	91	1187660	49.269	ug/L	100
53) m,p-Xylene	9.066	106	470720	52.469	ug/L	100
54) o-Xylene	9.471	106	446010	50.922	ug/L	97
55) Styrene	9.490	104	789613	51.786	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	364927	51.102	ug/L	98
59) Bromoform	9.657	173	187529	49.992	ug/L	98
60) Isopropylbenzene	9.860	105	1182078	47.373	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	258056	47.251	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	971468	49.244	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	995354	50.710	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	580273	48.314	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	607941	48.611	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	583702	49.162	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62602	47.221	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	399474	48.366	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	360626	47.060	ug/L	100
71) Naphthalene	13.432	128	918687	45.886	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	353335	46.692	ug/L	99

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

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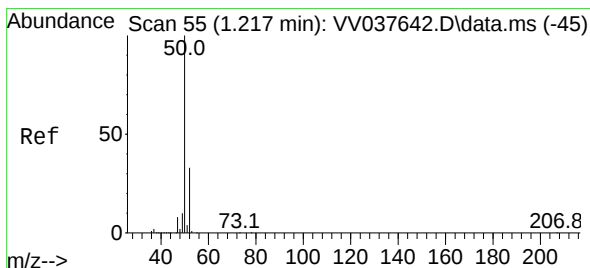
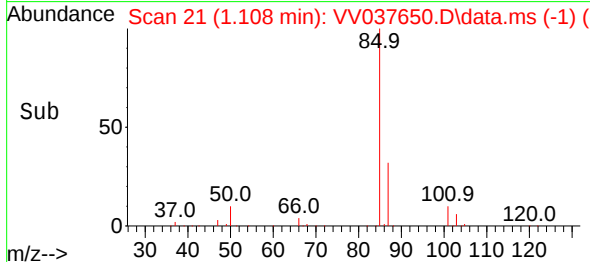
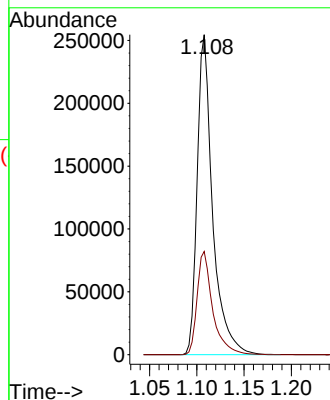
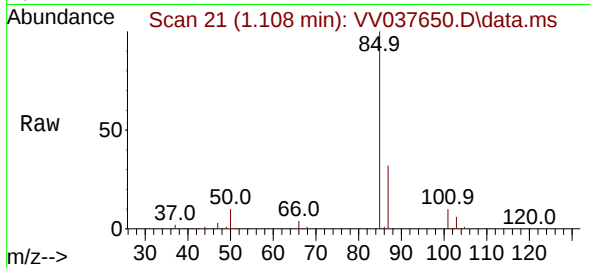




#2
 Dichlorodifluoromethane
 Concen: 49.409 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

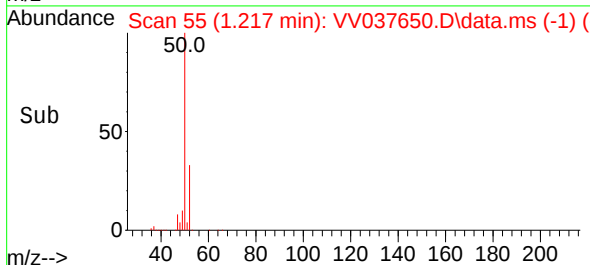
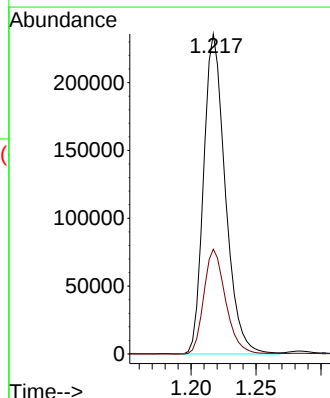
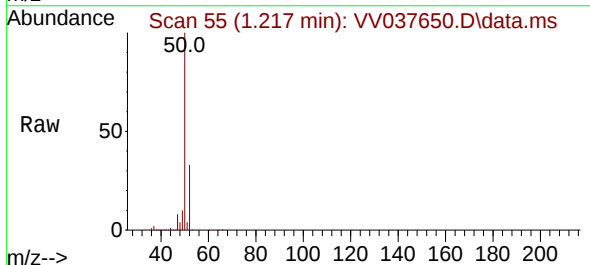
Instrument :
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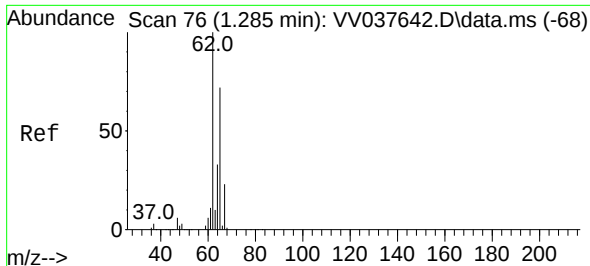
Tgt Ion: 85 Resp: 288507
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 48.343 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

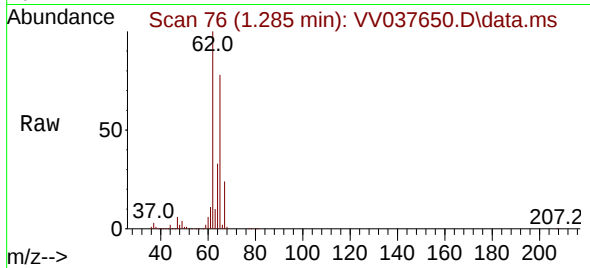
Tgt Ion: 50 Resp: 274052
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2



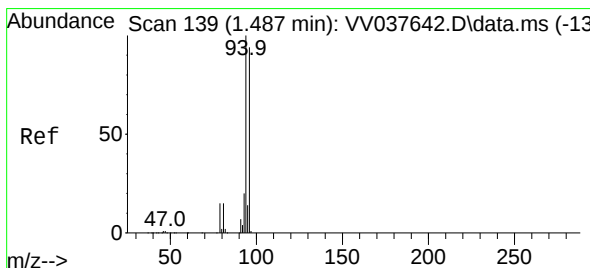
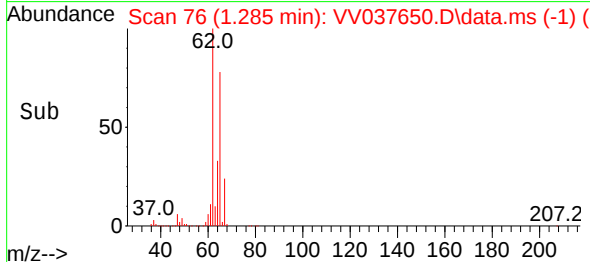
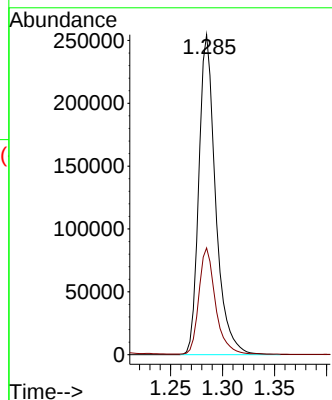


#5
 Vinyl chloride
 Concen: 46.848 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

Instrument :
 MSVOA_V
 ClientSampleId :

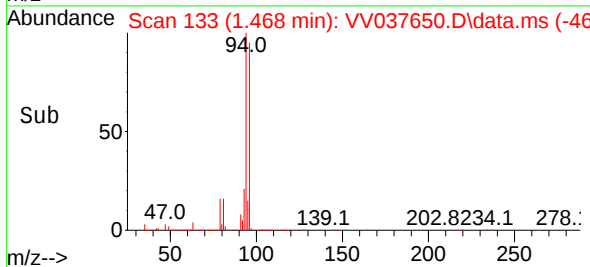
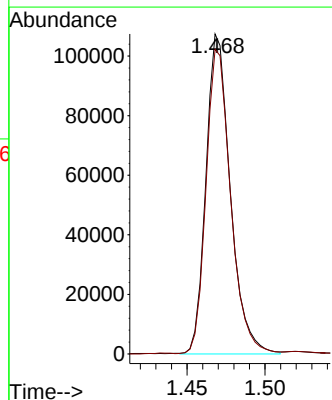
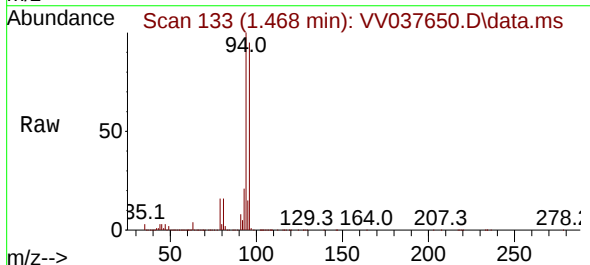


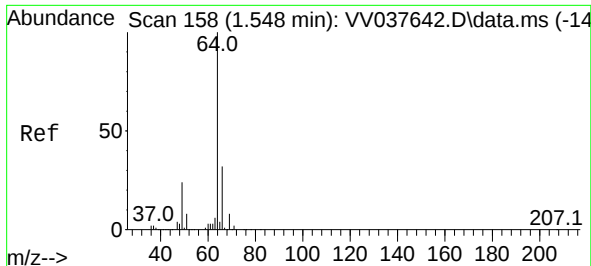
Tgt Ion: 62 Resp: 284718
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 34.655 ug/L
 RT: 1.468 min Scan# 133
 Delta R.T. -0.019 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

Tgt Ion: 94 Resp: 116882
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.8 122.2

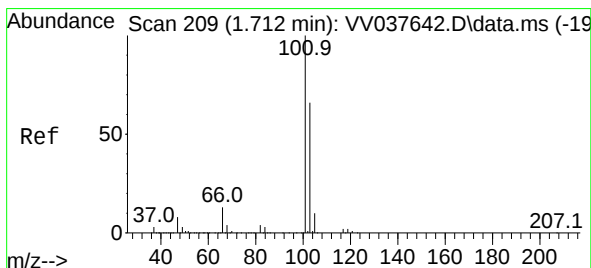
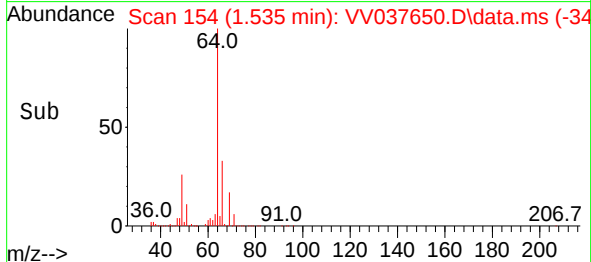
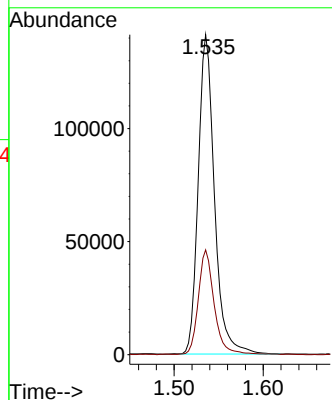
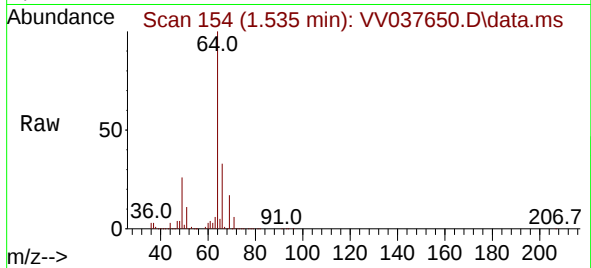




#8
Chloroethane
Concen: 47.844 ug/L
RT: 1.535 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

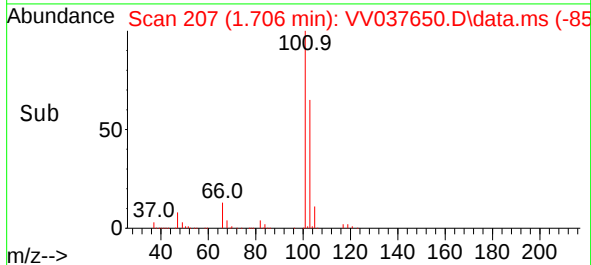
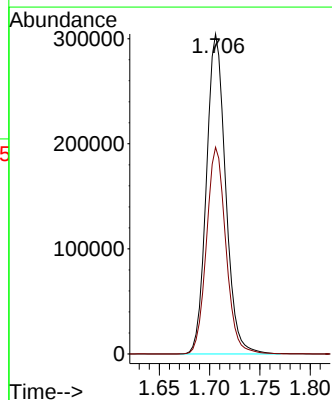
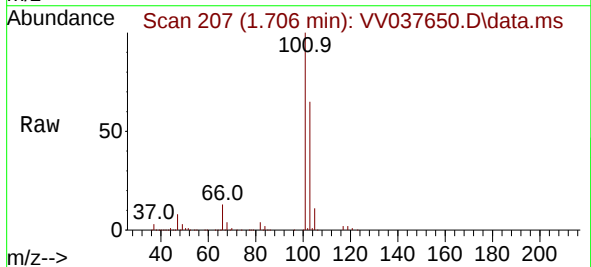
Instrument :
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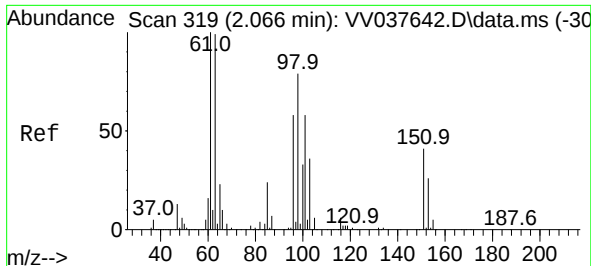
Tgt Ion: 64 Resp: 179217
Ion Ratio Lower Upper
64 100
66 32.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 49.362 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion:101 Resp: 403815
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

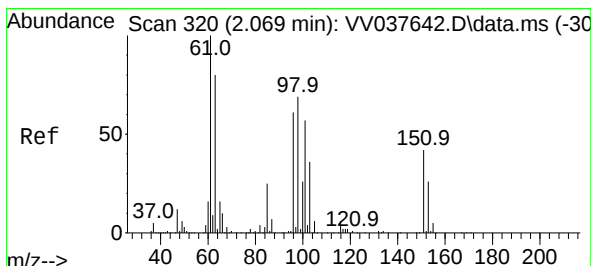
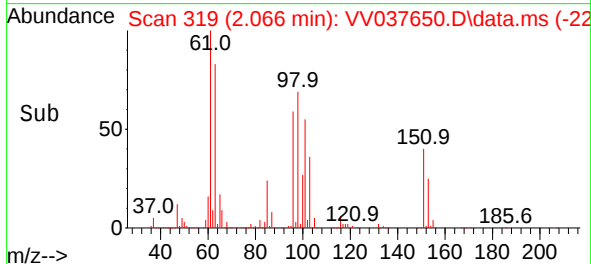
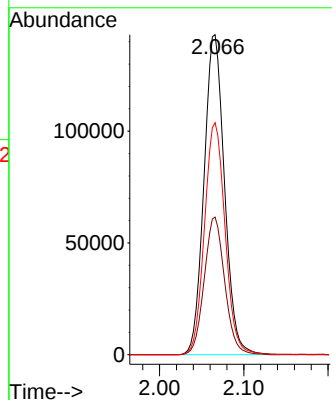
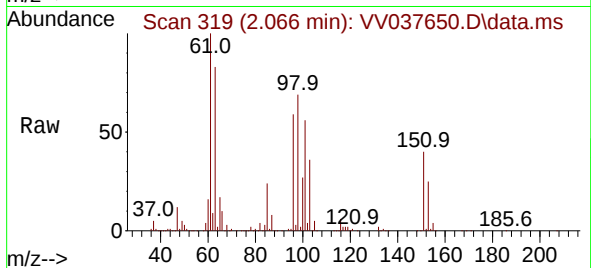




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.712 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

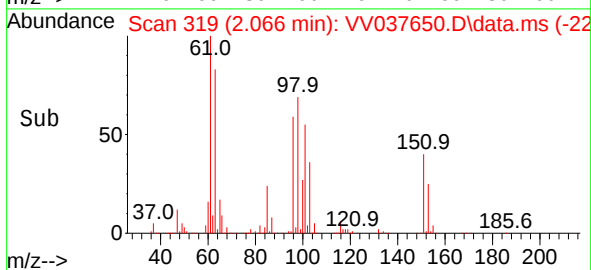
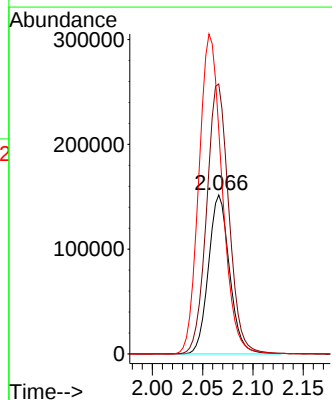
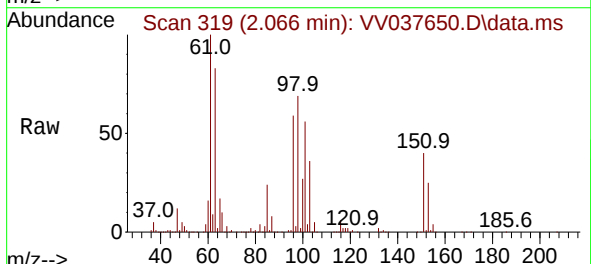
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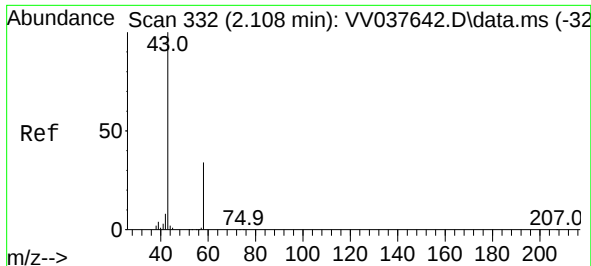
Tgt Ion:101 Resp: 243015
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 72.9 57.5 86.3



#12
1,1-Dichloroethene
Concen: 48.451 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

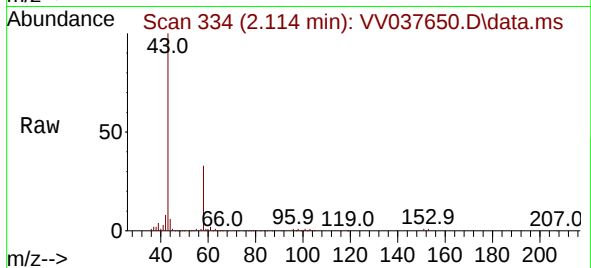
Tgt Ion: 96 Resp: 221246
Ion Ratio Lower Upper
96 100
61 169.7 122.6 227.6
63 140.9 118.0 219.2



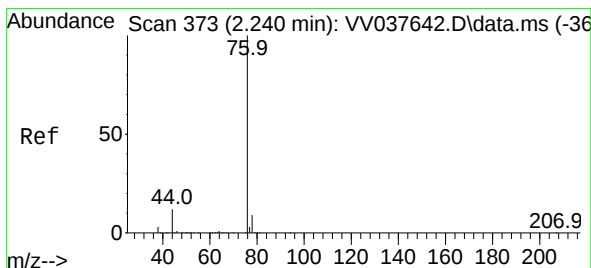
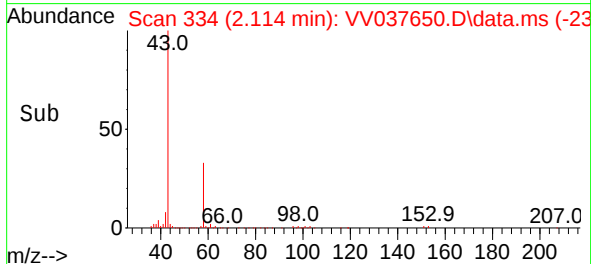
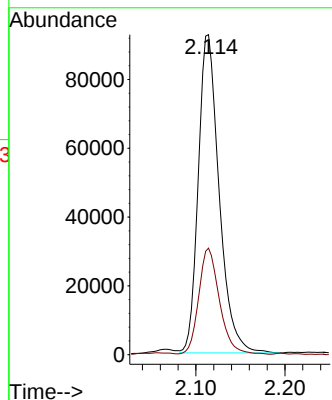


#13
Acetone
Concen: 71.785 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.006 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Instrument :
MSVOA_V
ClientSampleId :

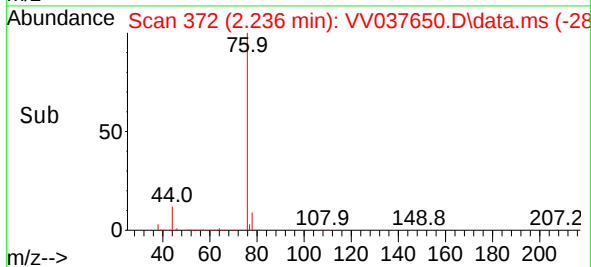
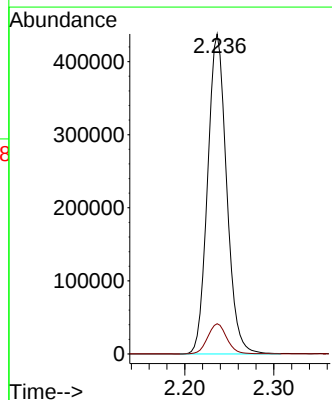
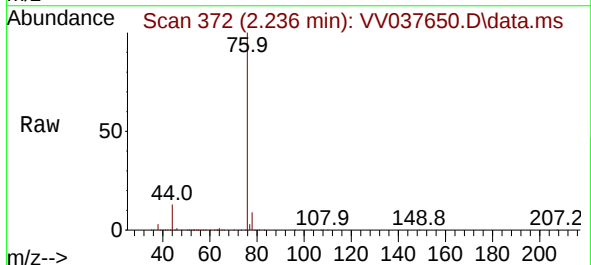


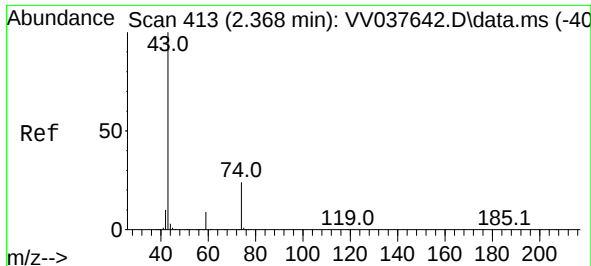
Tgt Ion: 43 Resp: 150919
Ion Ratio Lower Upper
43 100
58 33.6 0.0 66.6



#14
Carbon disulfide
Concen: 45.406 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion: 76 Resp: 647214
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 53.056 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

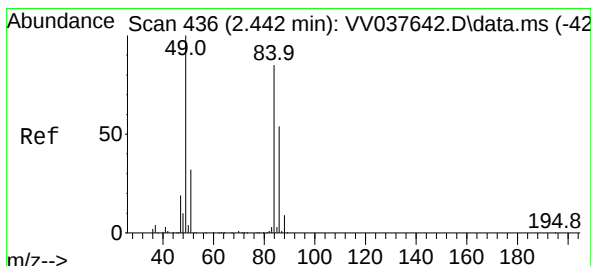
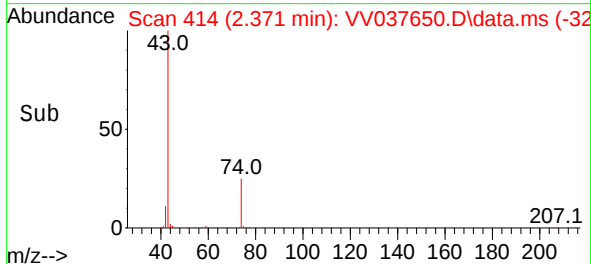
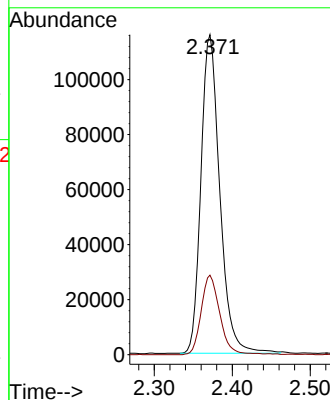
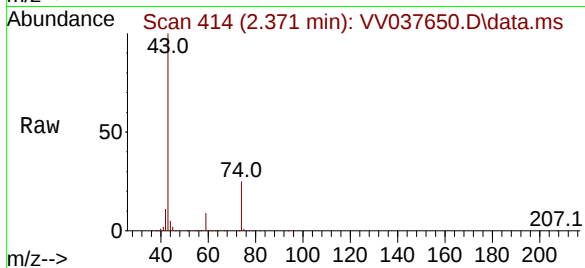
ClientSampleId :

Tgt Ion: 43 Resp: 194659

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



#16

Methylene chloride

Concen: 48.016 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

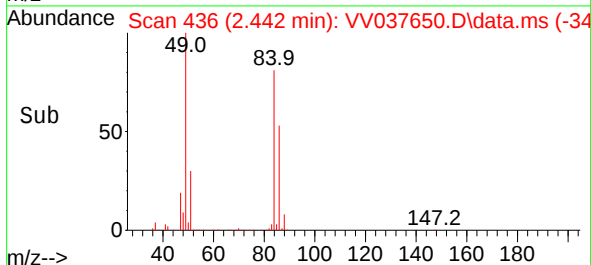
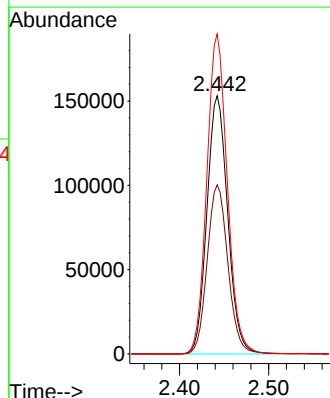
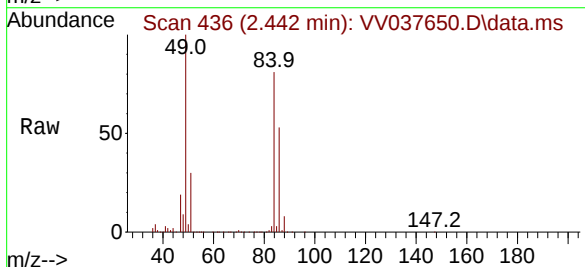
Tgt Ion: 84 Resp: 248265

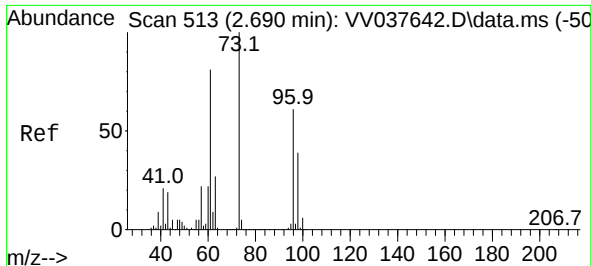
Ion Ratio Lower Upper

84 100

86 65.5 46.4 86.2

49 123.9 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 48.509 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.003 min

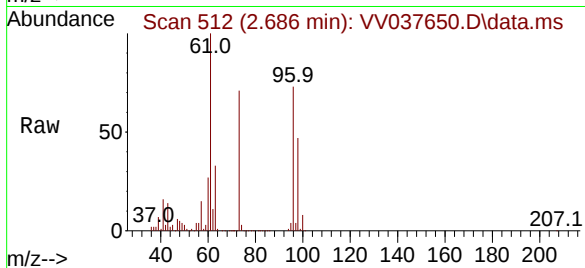
Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :



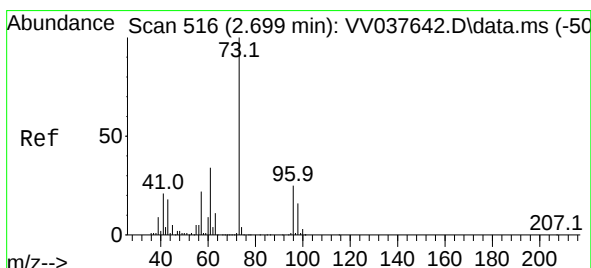
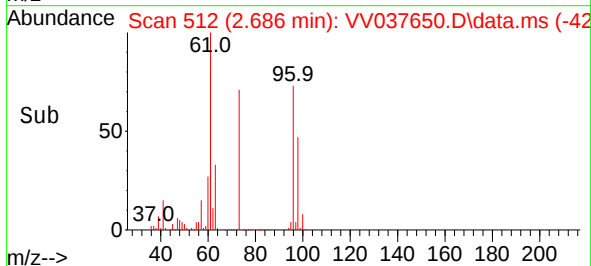
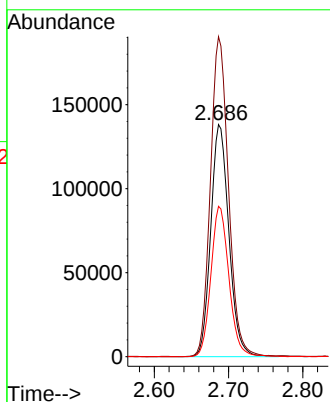
Tgt Ion: 96 Resp: 234337

Ion Ratio Lower Upper

96 100

61 137.8 97.3 180.7

98 64.8 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 50.578 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

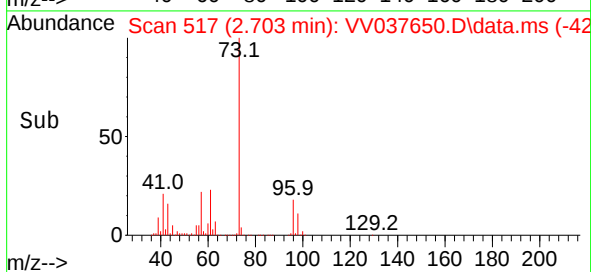
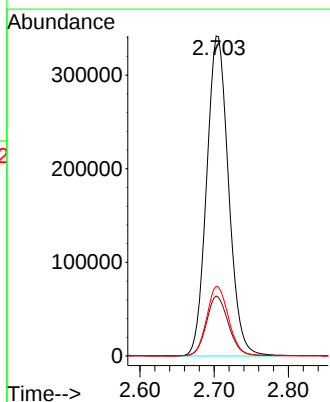
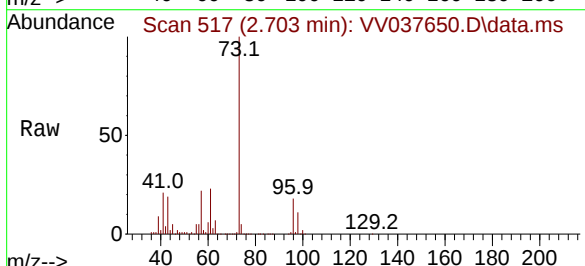
Tgt Ion: 73 Resp: 701001

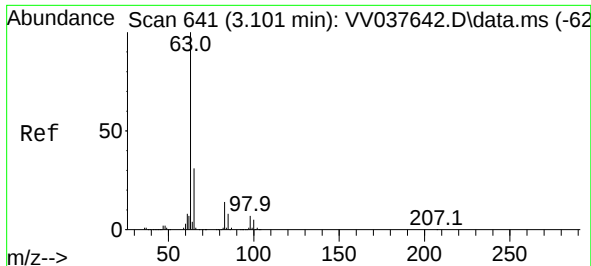
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 21.9 17.4 26.2

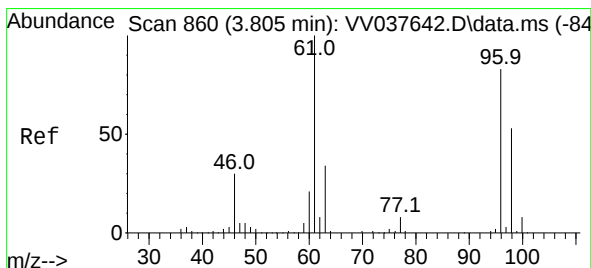
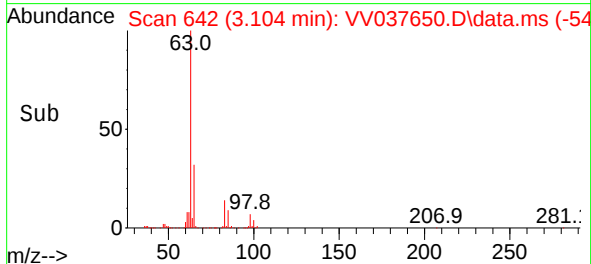
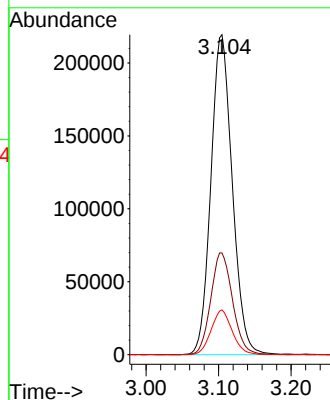
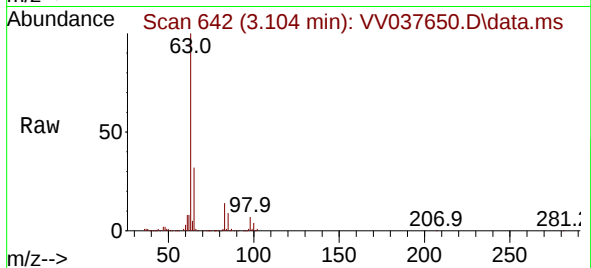




#19
1,1-Dichloroethane
Concen: 48.561 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

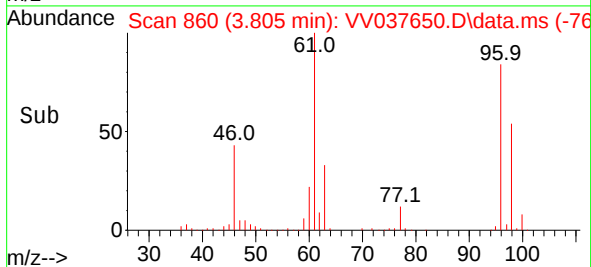
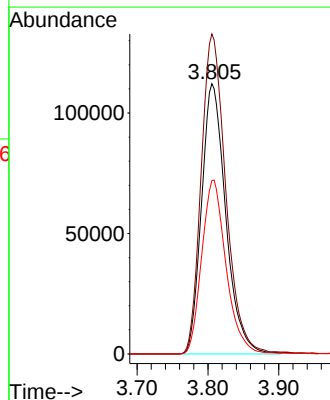
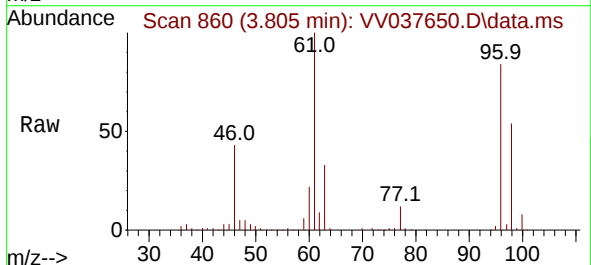
Instrument :
MSVOA_V
ClientSampleId :

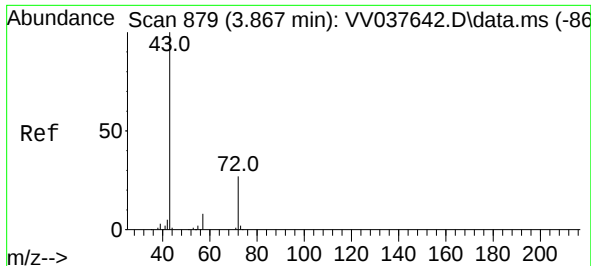
Tgt Ion: 63 Resp: 449468
Ion Ratio Lower Upper
63 100
65 31.8 22.4 41.6
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.245 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion: 96 Resp: 266215
Ion Ratio Lower Upper
96 100
61 118.4 85.0 157.8
98 64.2 44.2 82.0

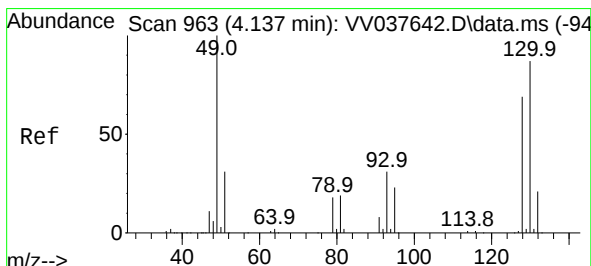
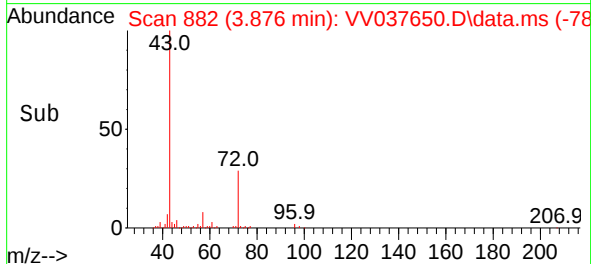
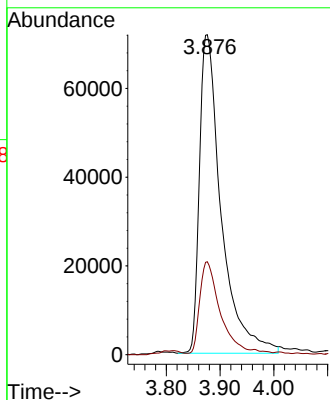
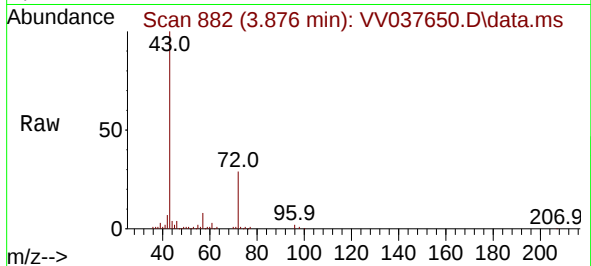




#22
2-Butanone
Concen: 86.535 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

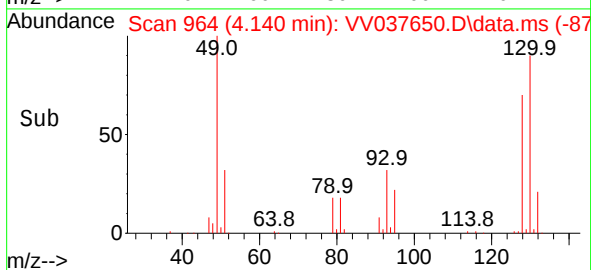
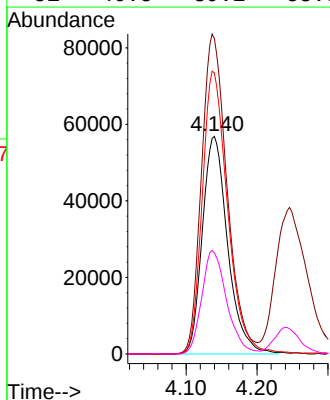
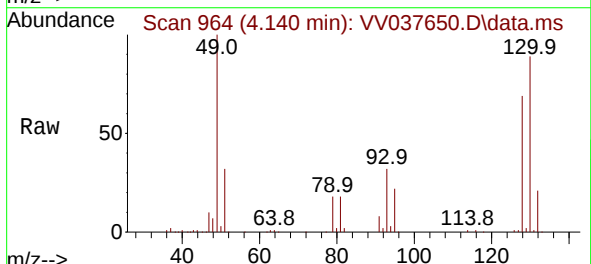
Instrument :
MSVOA_V
ClientSampleId :

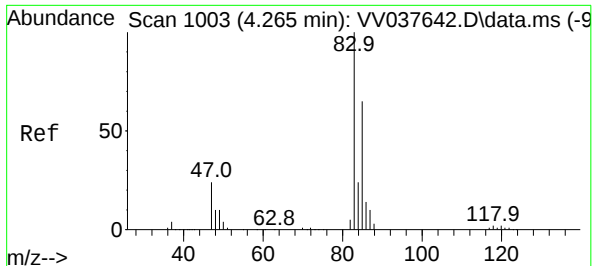
Tgt Ion: 43 Resp: 201366
Ion Ratio Lower Upper
43 100
72 26.3 14.3 42.9



#23
Bromochloromethane
Concen: 50.356 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion:128 Resp: 140815
Ion Ratio Lower Upper
128 100
49 145.0 108.7 201.9
130 129.2 90.4 168.0
51 46.5 39.2 58.8





#25

Chloroform

Concen: 48.801 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

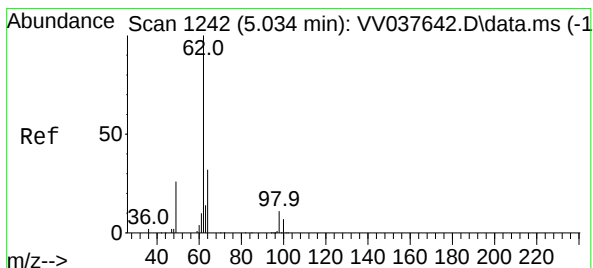
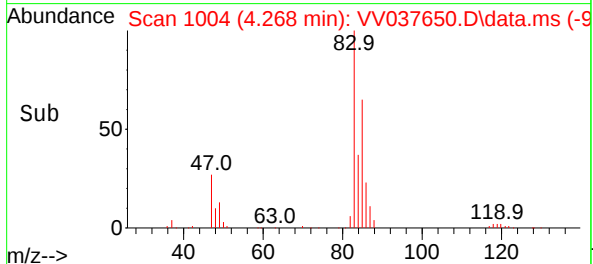
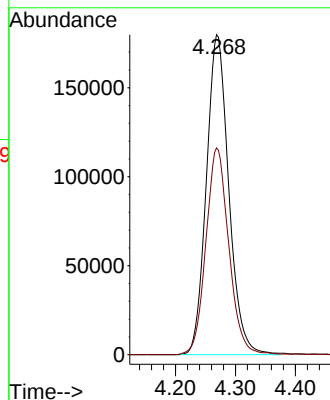
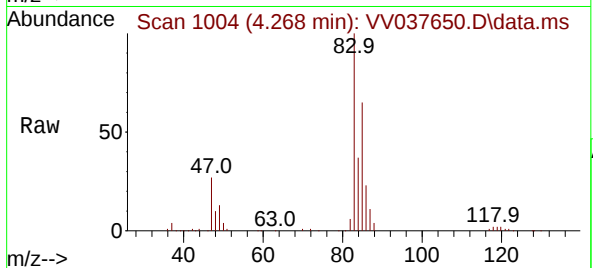
ClientSampleId :

Tgt Ion: 83 Resp: 467659

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 49.928 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV037650.D

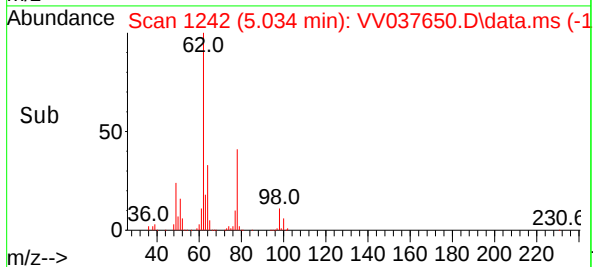
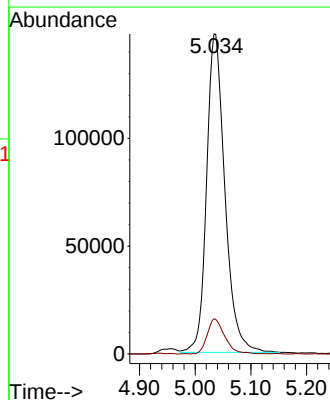
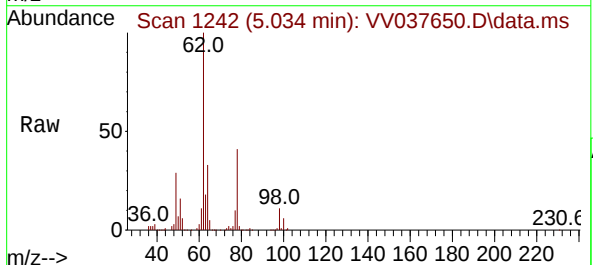
Acq: 30 Sep 2024 13:27

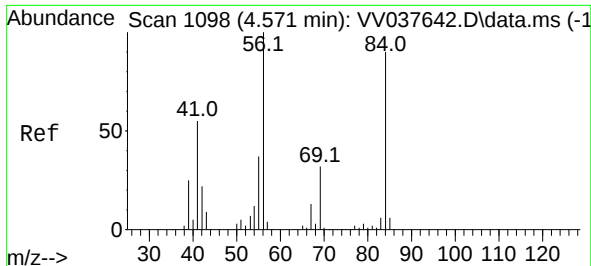
Tgt Ion: 62 Resp: 337774

Ion Ratio Lower Upper

62 100

98 11.0 8.4 12.6





#29

Cyclohexane

Concen: 46.286 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

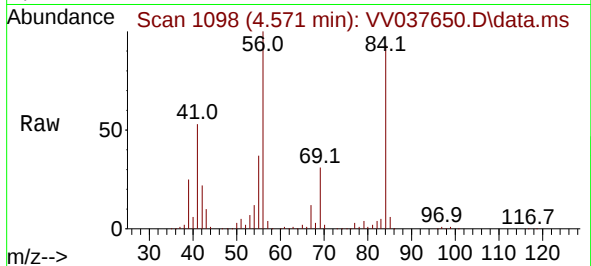
Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :



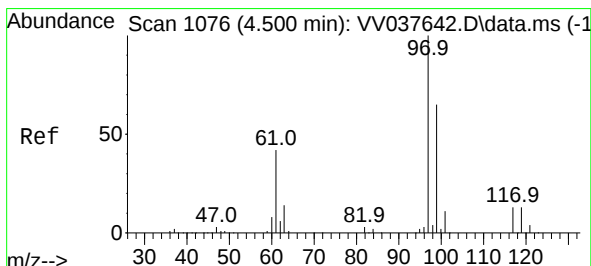
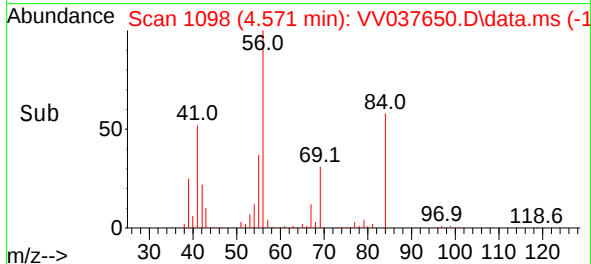
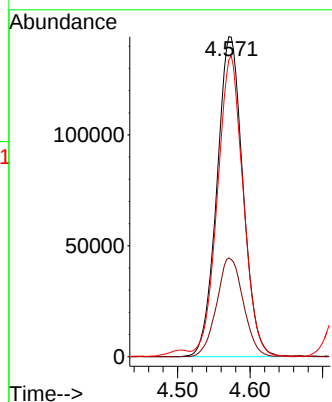
Tgt Ion: 56 Resp: 359958

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 92.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 47.876 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

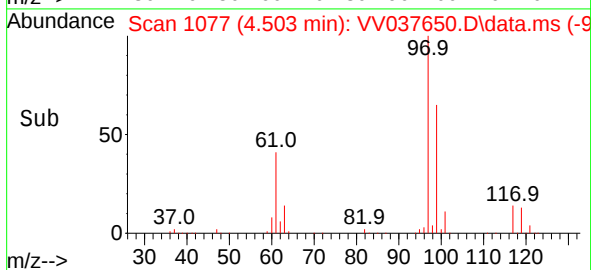
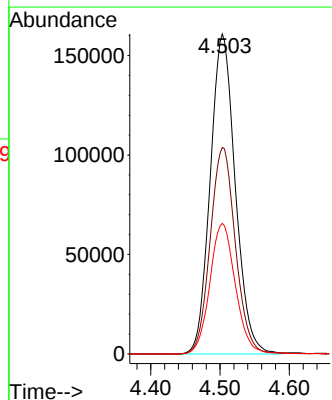
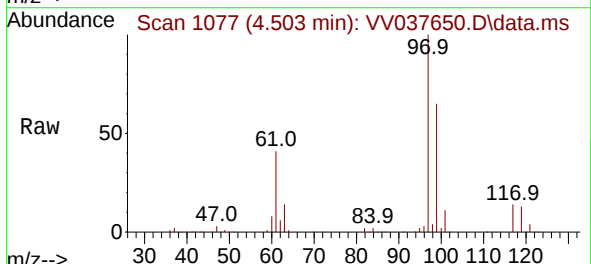
Tgt Ion: 97 Resp: 403877

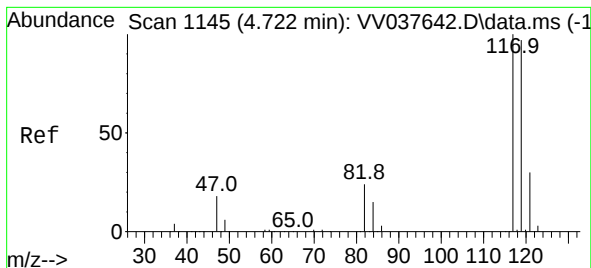
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 41.6 33.6 50.4





#31

Carbon tetrachloride

Concen: 48.622 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

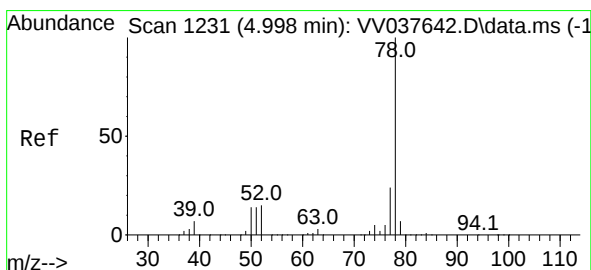
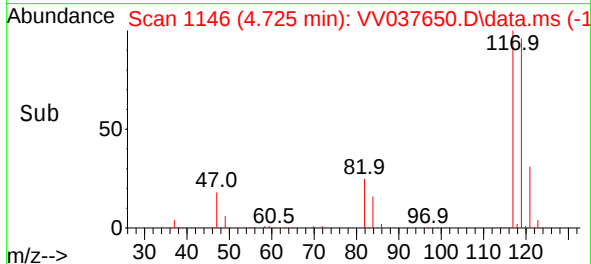
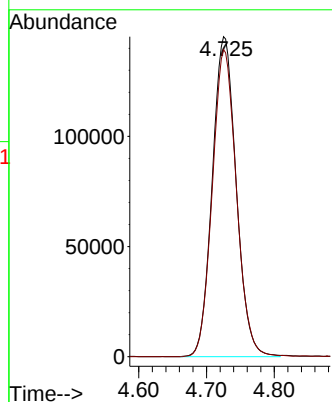
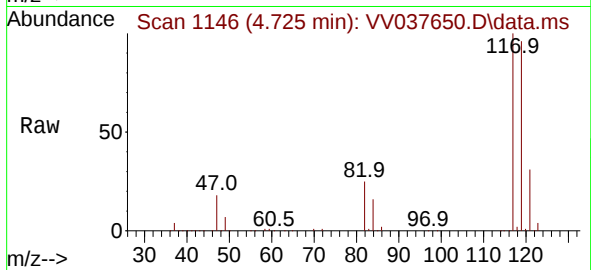
ClientSampleId :

Tgt Ion:117 Resp: 356607

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3



#33

Benzene

Concen: 48.246 ug/L

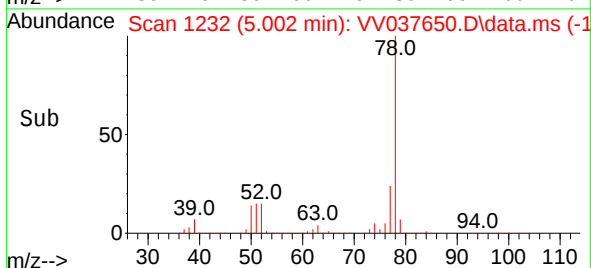
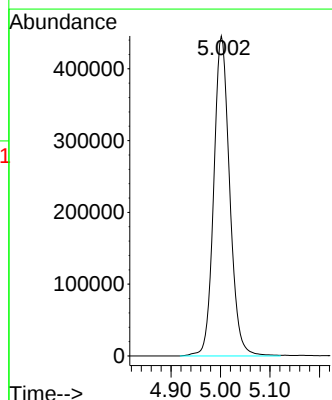
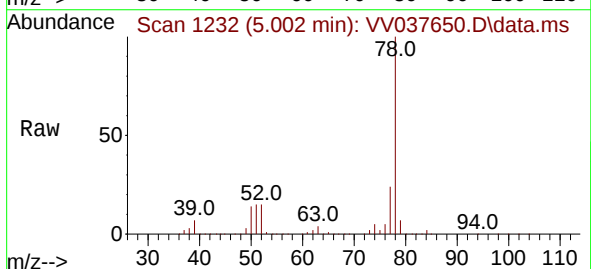
RT: 5.002 min Scan# 1232

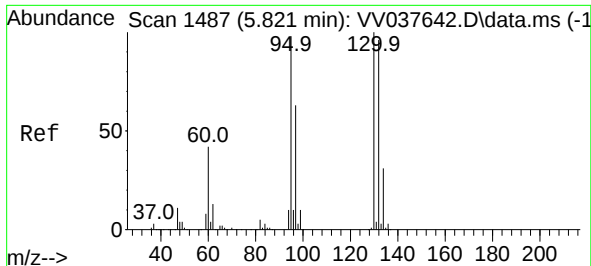
Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Tgt Ion: 78 Resp: 996623





#34

Trichloroethene

Concen: 46.880 ug/L

RT: 5.825 min Scan# 1487

Delta R.T. 0.003 min

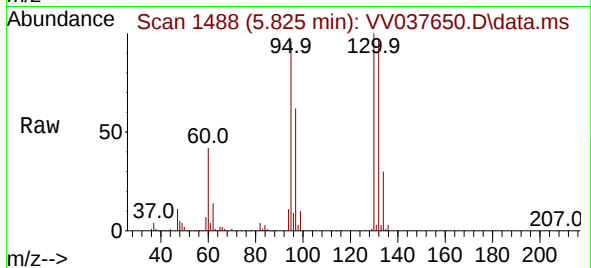
Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 257899

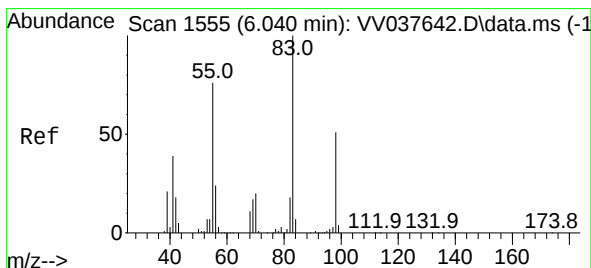
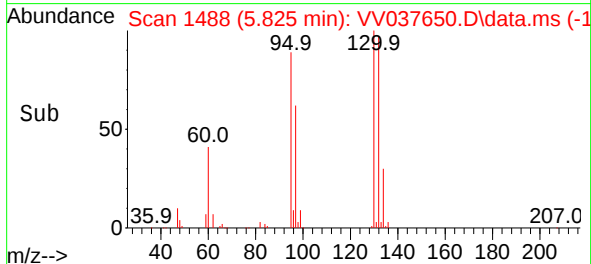
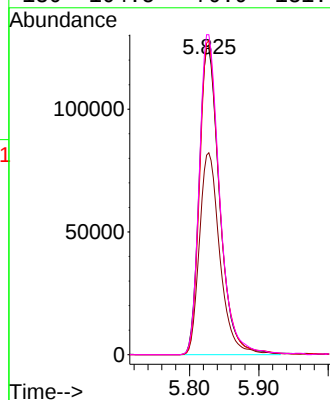
Ion Ratio Lower Upper

95 100

97 65.2 46.3 85.9

132 101.7 68.6 127.4

130 104.5 70.9 131.7



#35

Methylcyclohexane

Concen: 48.191 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

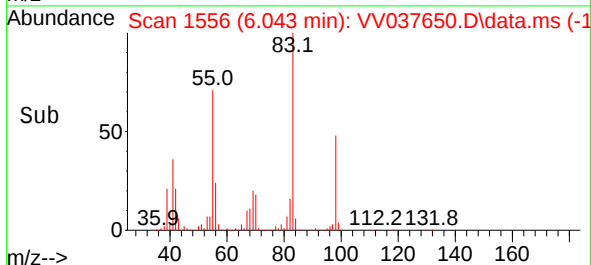
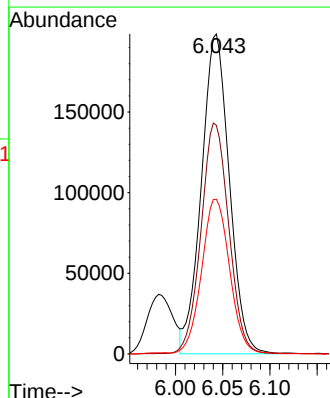
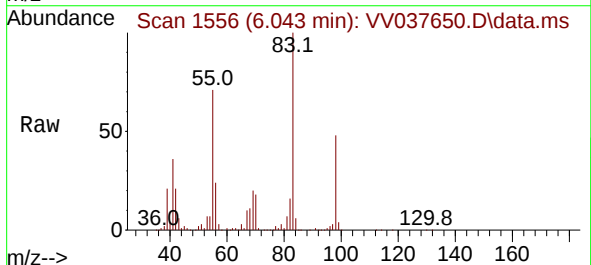
Tgt Ion: 83 Resp: 407840

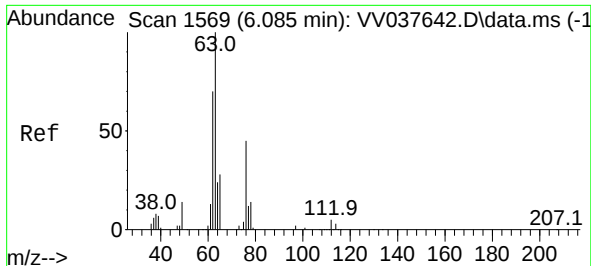
Ion Ratio Lower Upper

83 100

55 71.6 57.9 86.9

98 48.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 49.950 ug/L

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

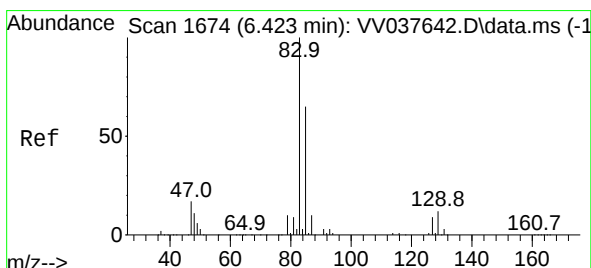
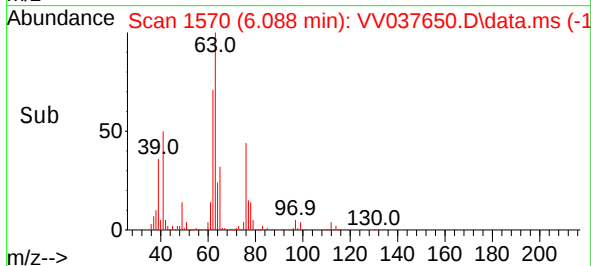
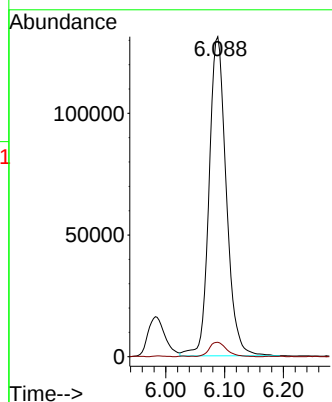
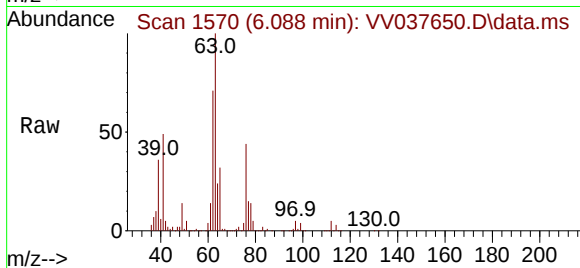
ClientSampleId :

Tgt Ion: 63 Resp: 266447

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 49.538 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

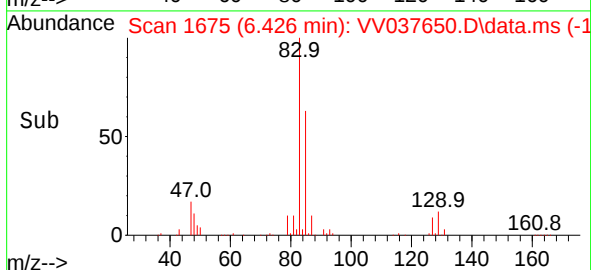
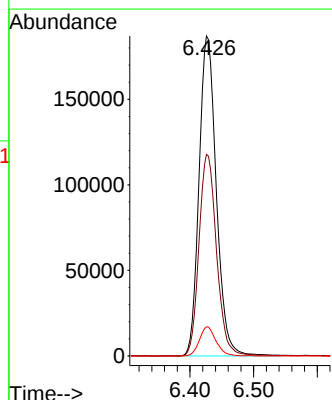
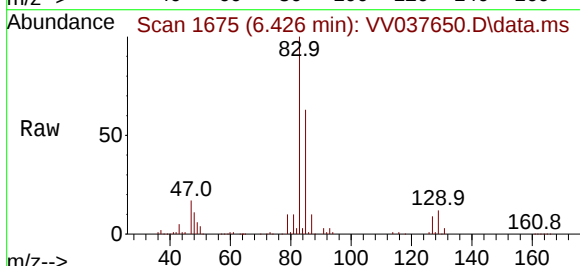
Tgt Ion: 83 Resp: 353245

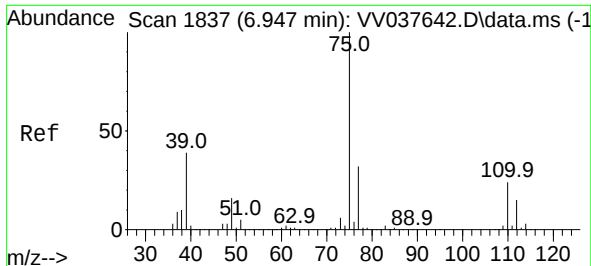
Ion Ratio Lower Upper

83 100

85 63.0 45.7 84.9

127 9.1 7.0 10.4

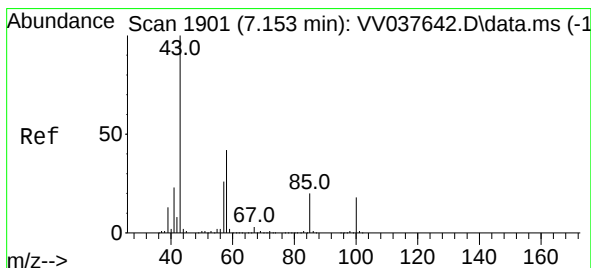
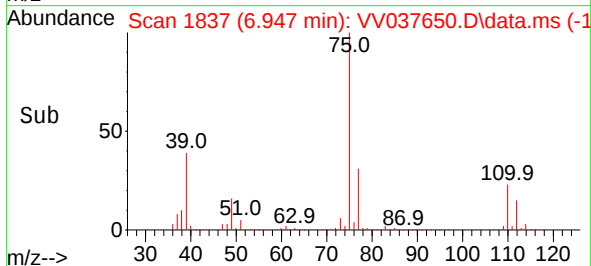
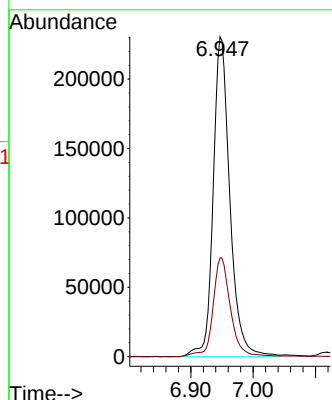
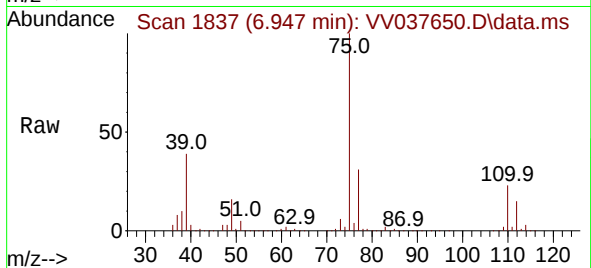




#39
 cis-1,3-Dichloropropene
 Concen: 50.353 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

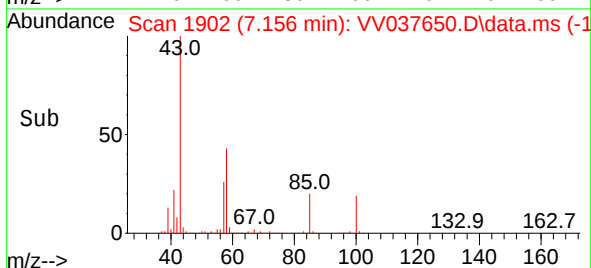
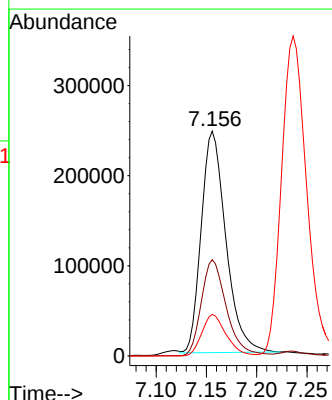
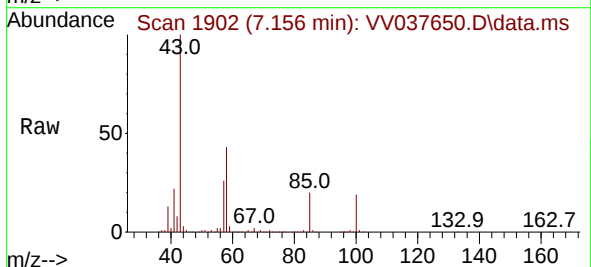
Instrument :
 MSVOA_V
 ClientSampleId :

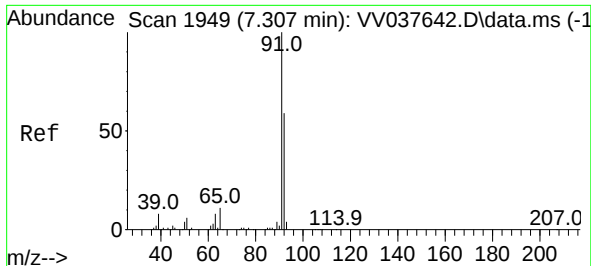
Tgt Ion: 75 Resp: 428753
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 96.334 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037650.D
 Acq: 30 Sep 2024 13:27

Tgt Ion: 43 Resp: 418394
 Ion Ratio Lower Upper
 43 100
 58 44.2 33.0 49.4
 100 18.5 13.7 20.5

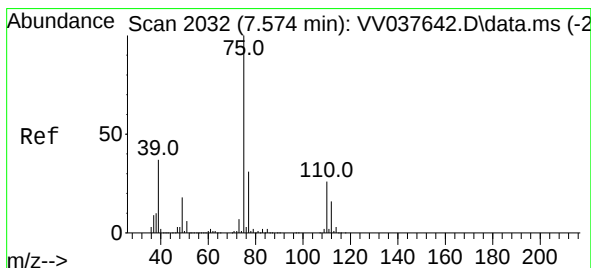
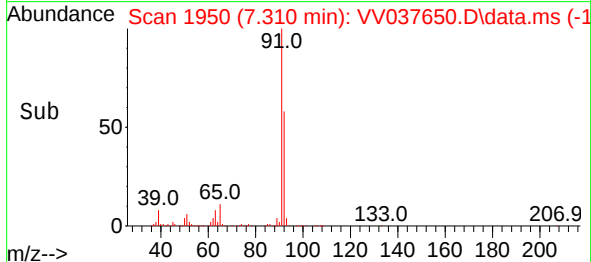
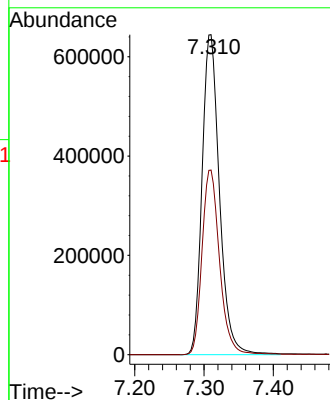
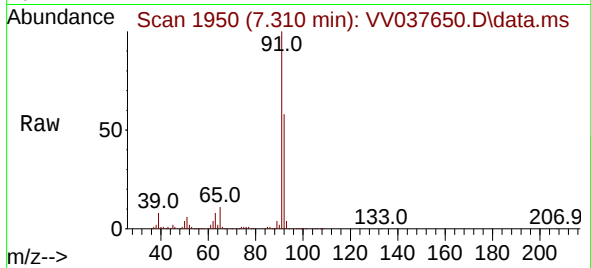




#42
Toluene
Concen: 52.324 ug/L
RT: 7.310 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

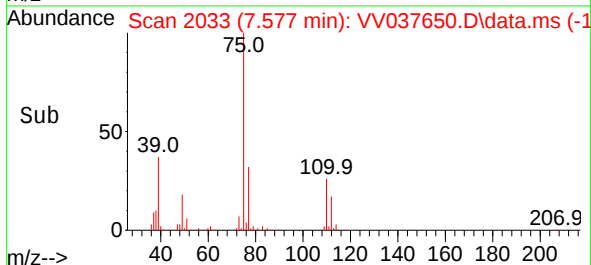
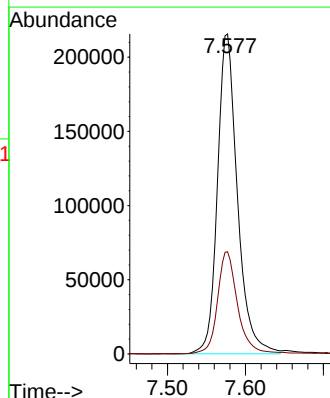
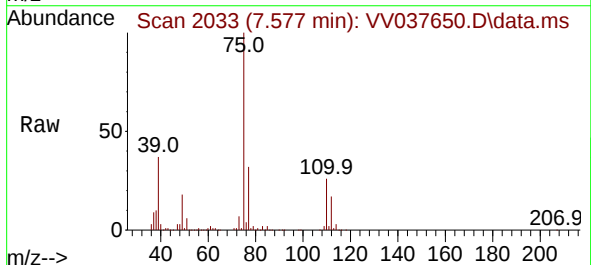
Instrument :
MSVOA_V
ClientSampleId :

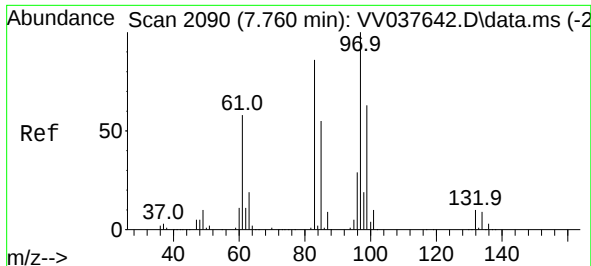
Tgt Ion: 91 Resp: 1120527
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 50.005 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

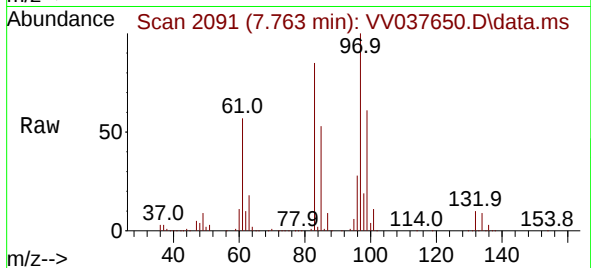
Tgt Ion: 75 Resp: 383340
Ion Ratio Lower Upper
75 100
77 32.0 21.9 40.7



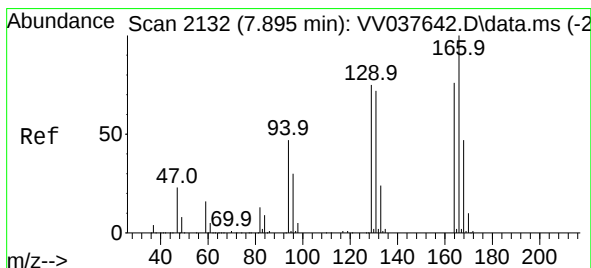
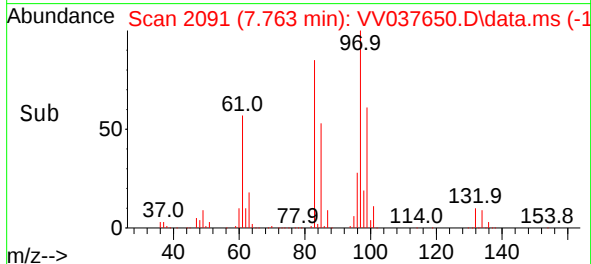
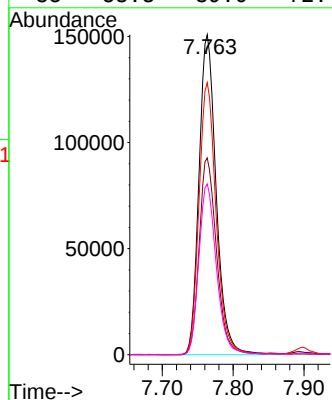


#45
1,1,2-Trichloroethane
Concen: 49.835 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Instrument :
MSVOA_V
ClientSampleId :

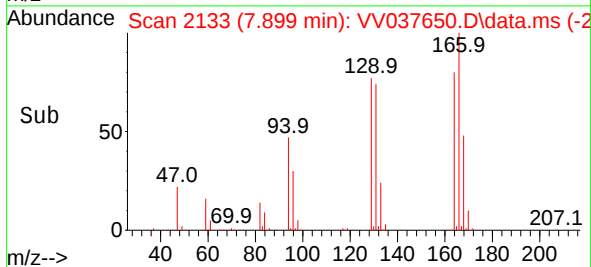
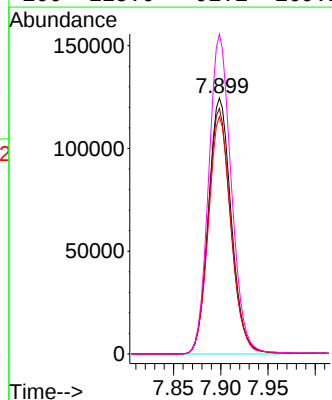
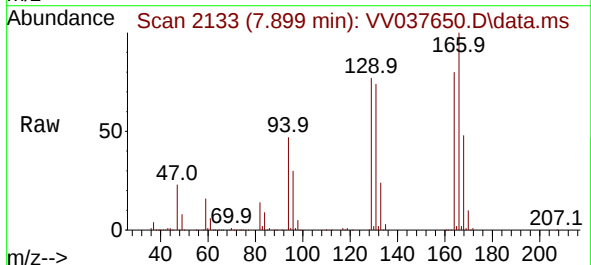


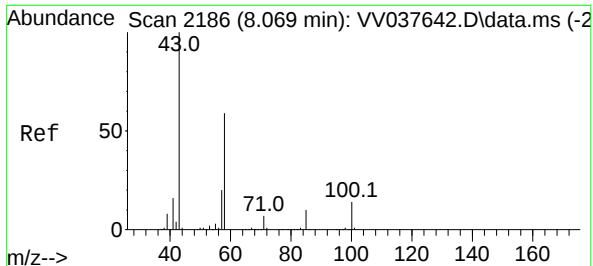
Tgt Ion:	97	Resp:	255253
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.1	81.9
83	85.0	59.3	110.1
85	53.3	39.0	72.4



#46
Tetrachloroethene
Concen: 49.608 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

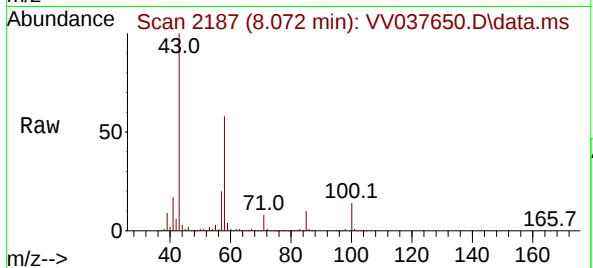
Tgt Ion:	164	Resp:	208656
Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.2	126.6
131	92.8	66.1	122.8
166	125.0	91.1	169.1



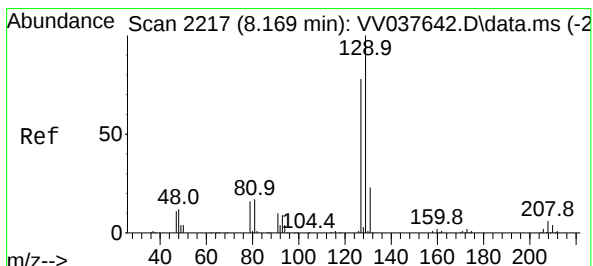
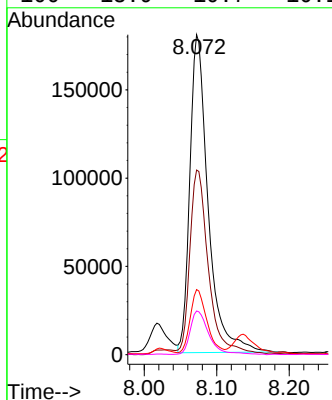
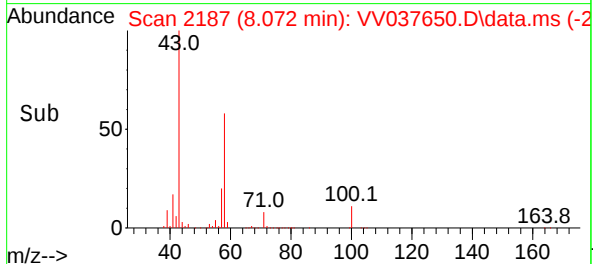


#48
2-Hexanone
Concen: 93.631 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Instrument :
MSVOA_V
ClientSampleId :

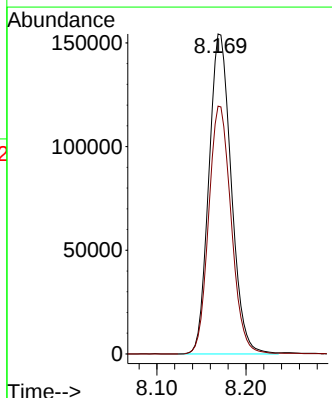
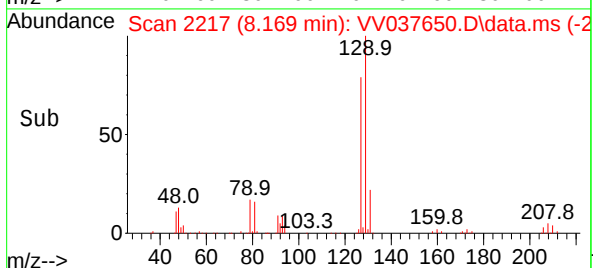
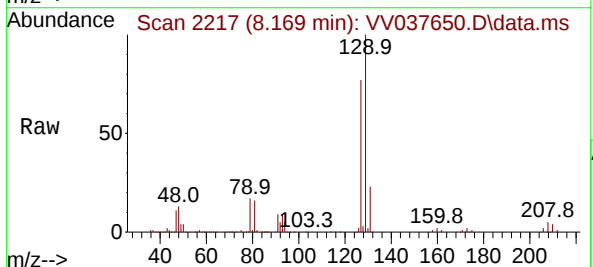


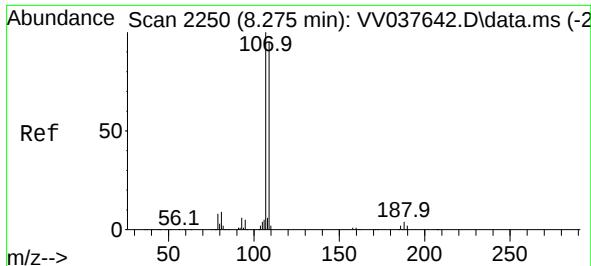
Tgt Ion: 43 Resp: 316207
Ion Ratio Lower Upper
43 100
58 57.6 46.5 69.7
57 18.2 15.1 22.7
100 13.9 10.7 16.1



#49
Dibromochloromethane
Concen: 49.625 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion: 129 Resp: 269017
Ion Ratio Lower Upper
129 100
127 77.5 54.9 101.9

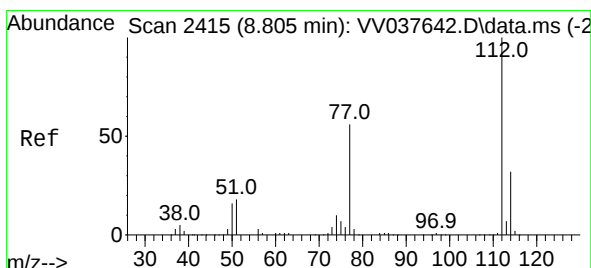
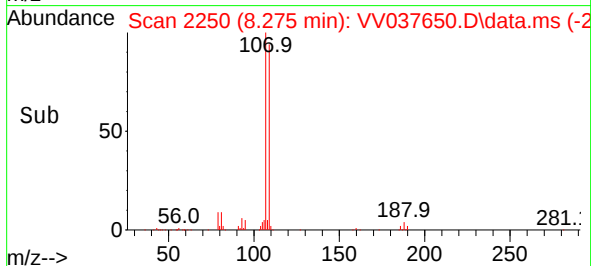
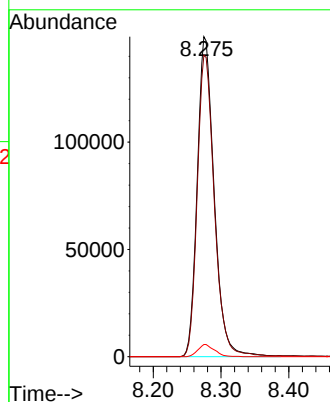
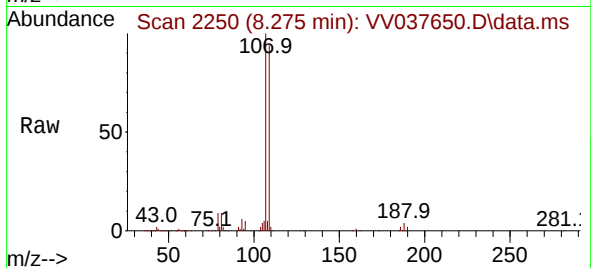




#50
1,2-Dibromoethane
Concen: 48.939 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

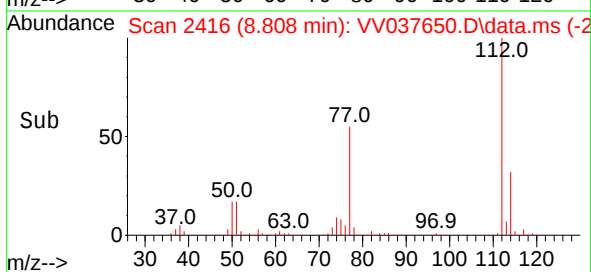
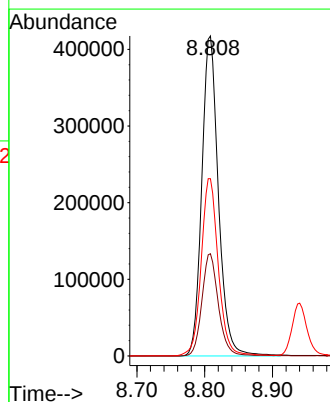
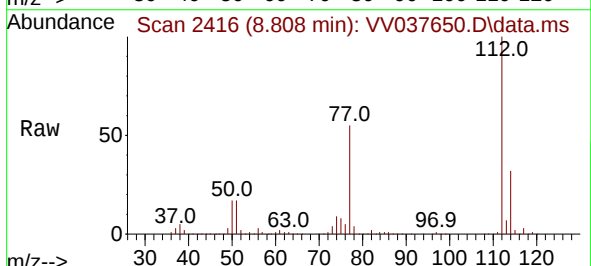
Instrument :
MSVOA_V
ClientSampleId :

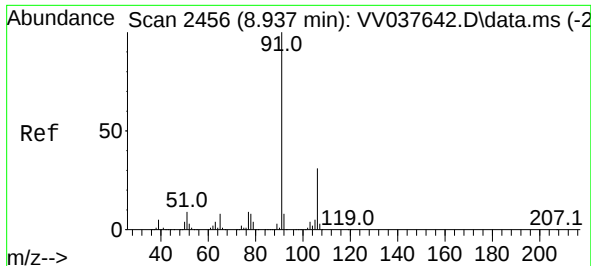
Tgt Ion:107 Resp: 259108
Ion Ratio Lower Upper
107 100
109 94.2 65.7 121.9
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 48.719 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion:112 Resp: 710812
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 55.4 45.8 68.8





#52

Ethylbenzene

Concen: 49.269 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

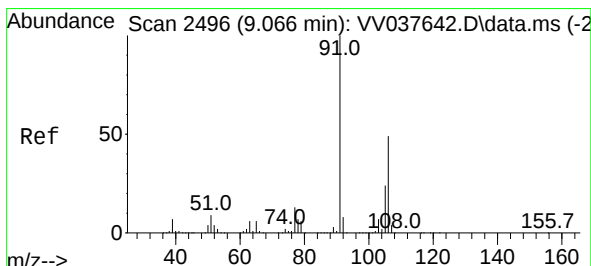
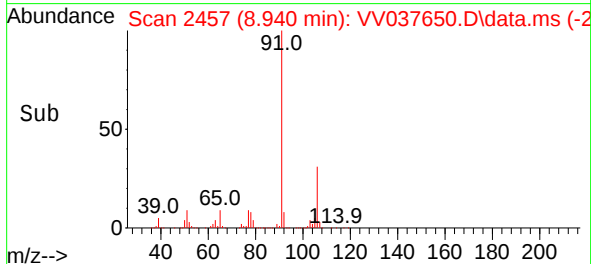
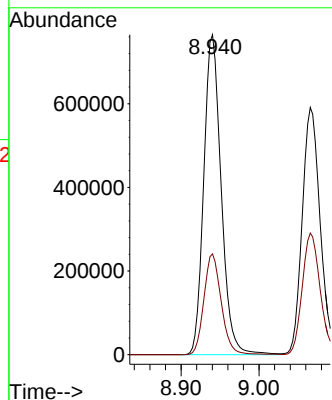
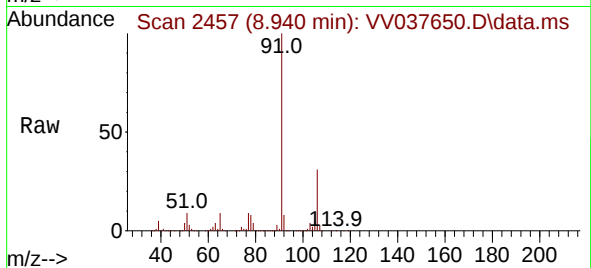
ClientSampleId :

Tgt Ion: 91 Resp: 1187660

Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



#53

m,p-Xylene

Concen: 52.469 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037650.D

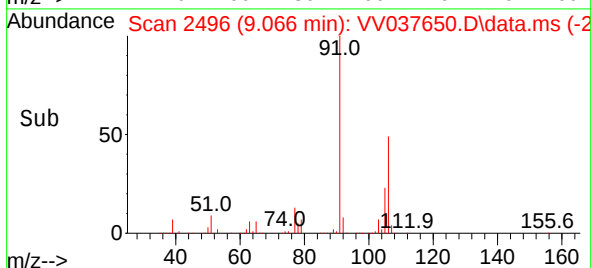
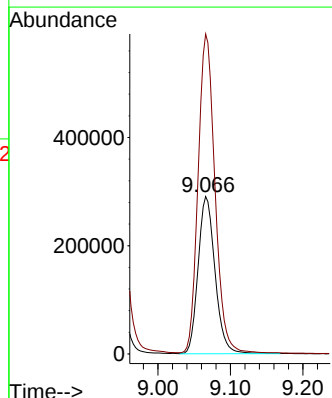
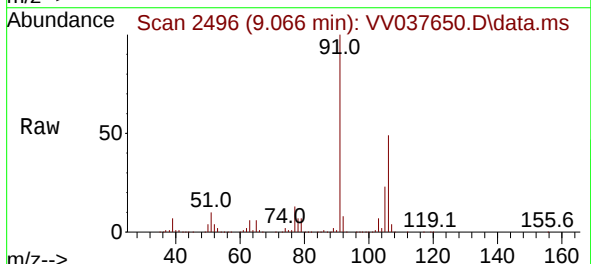
Acq: 30 Sep 2024 13:27

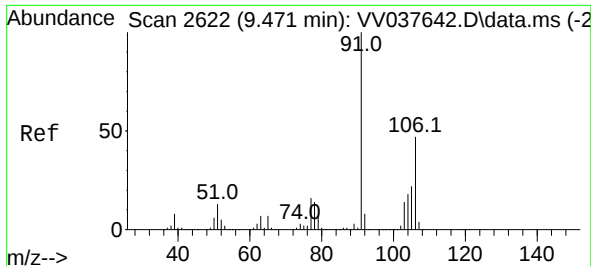
Tgt Ion:106 Resp: 470720

Ion Ratio Lower Upper

106 100

91 203.3 142.0 263.6





#54

o-Xylene

Concen: 50.922 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

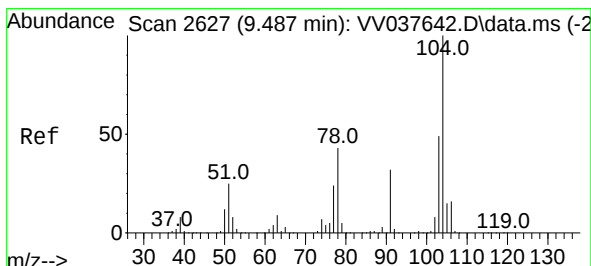
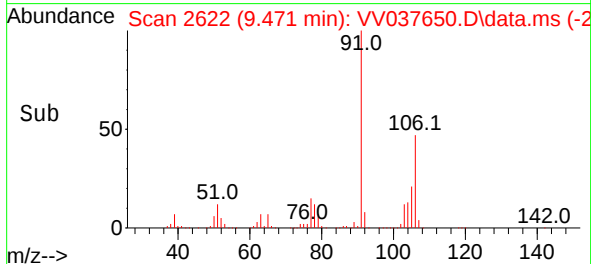
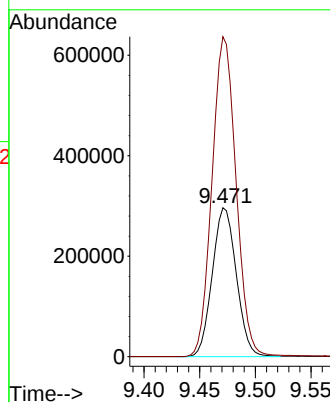
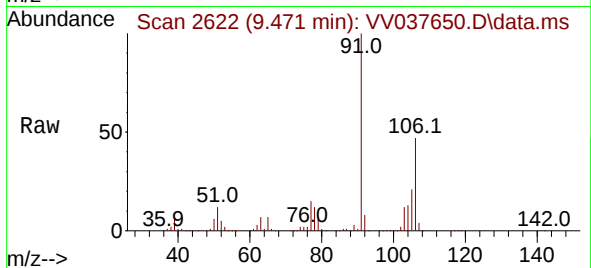
ClientSampleId :

Tgt Ion:106 Resp: 446010

Ion Ratio Lower Upper

106 100

91 214.9 153.9 285.9



#55

Styrene

Concen: 51.786 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.003 min

Lab File: VV037650.D

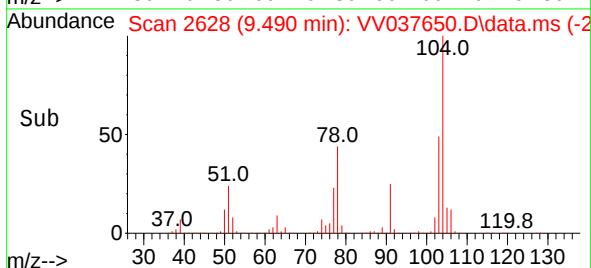
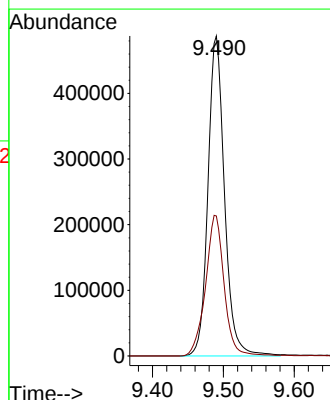
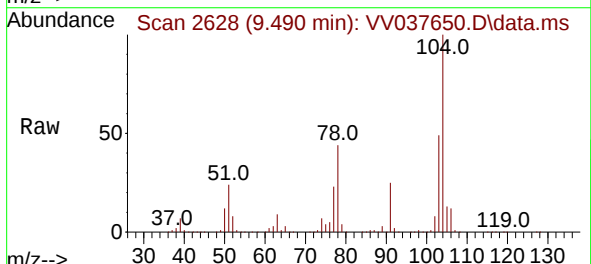
Acq: 30 Sep 2024 13:27

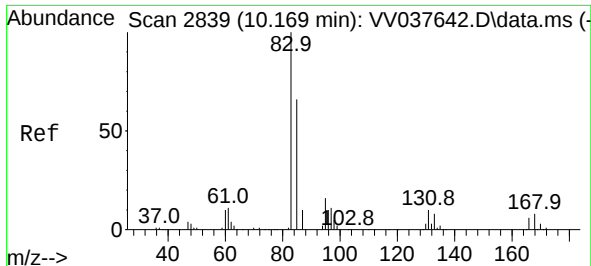
Tgt Ion:104 Resp: 789613

Ion Ratio Lower Upper

104 100

78 43.8 30.0 55.6

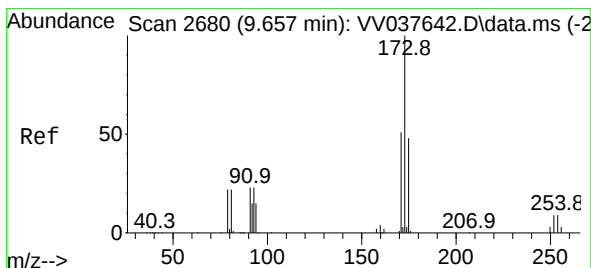
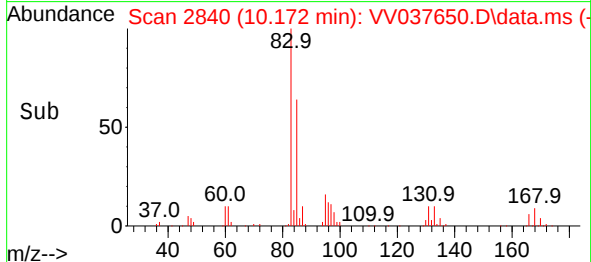
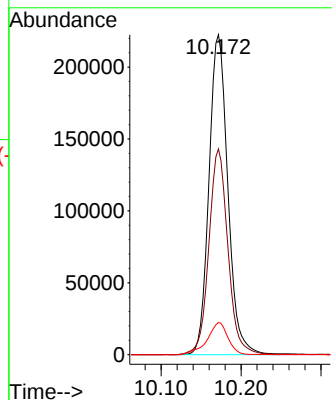
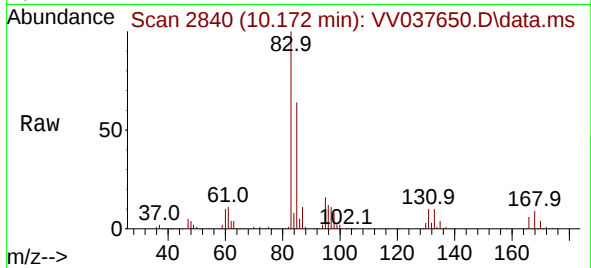




#57
1,1,2,2-Tetrachloroethane
Concen: 51.102 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

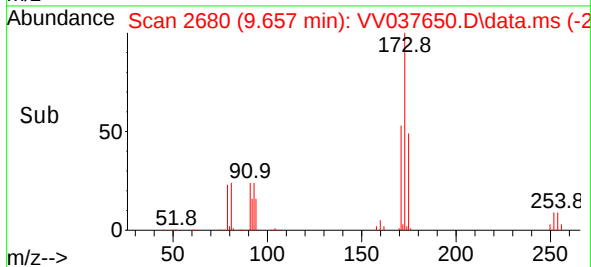
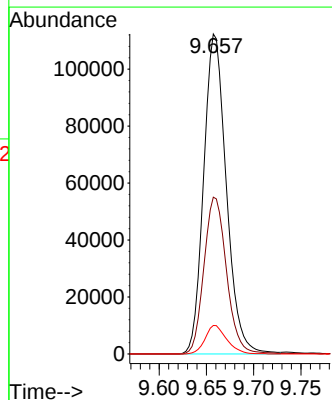
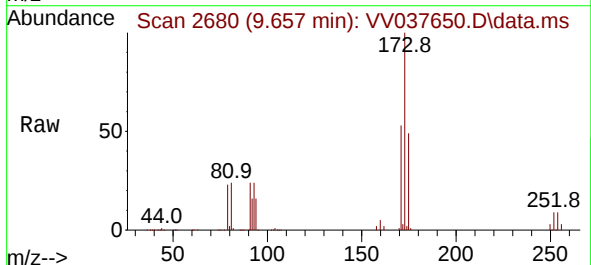
Instrument :
MSVOA_V
ClientSampleId :

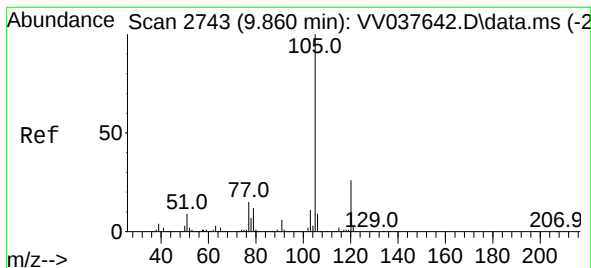
Tgt Ion: 83 Resp: 364927
Ion Ratio Lower Upper
83 100
85 64.3 45.9 85.3
131 10.0 7.9 11.9



#59
Bromoform
Concen: 49.992 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037650.D
Acq: 30 Sep 2024 13:27

Tgt Ion: 173 Resp: 187529
Ion Ratio Lower Upper
173 100
175 48.7 40.0 60.0
254 8.5 6.5 9.7





#60

Isopropylbenzene

Concen: 47.373 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :

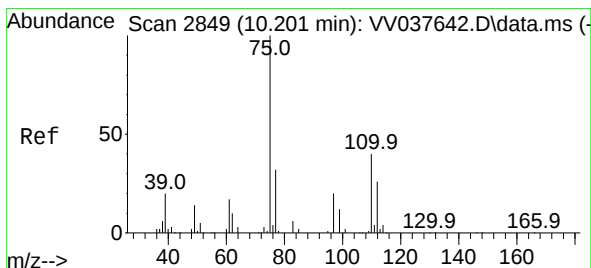
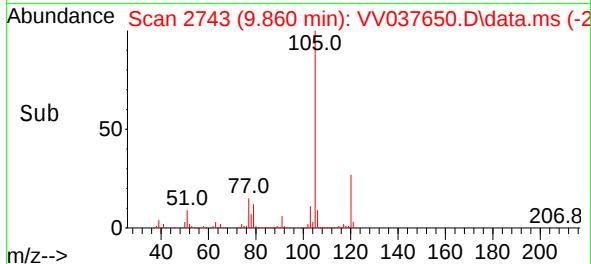
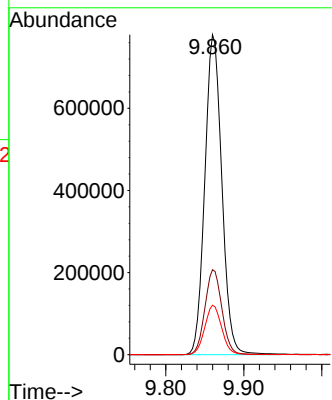
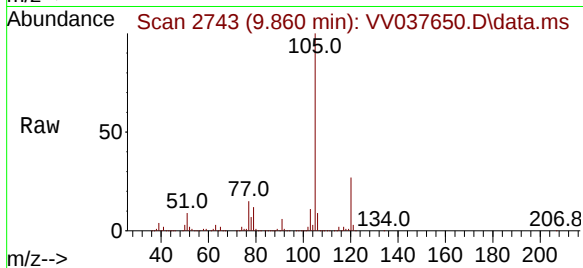
Tgt Ion:105 Resp: 1182078

Ion Ratio Lower Upper

105 100

120 26.5 20.7 31.1

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 47.251 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

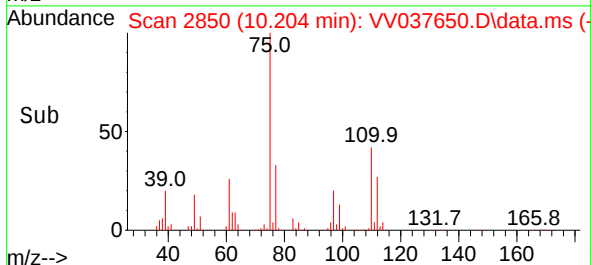
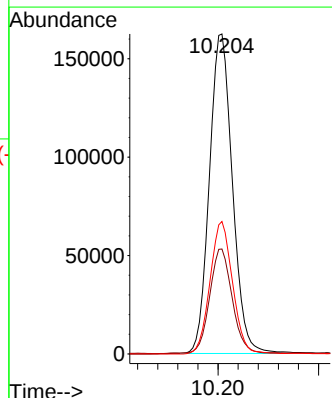
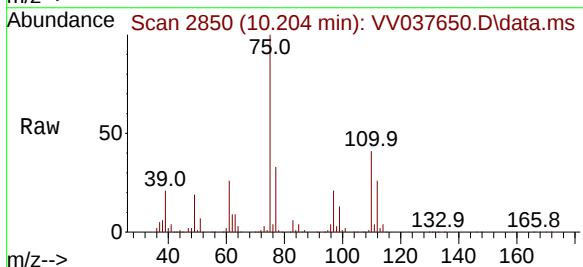
Tgt Ion: 75 Resp: 258056

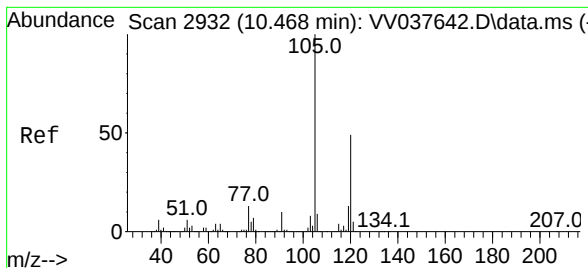
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 40.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 49.244 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

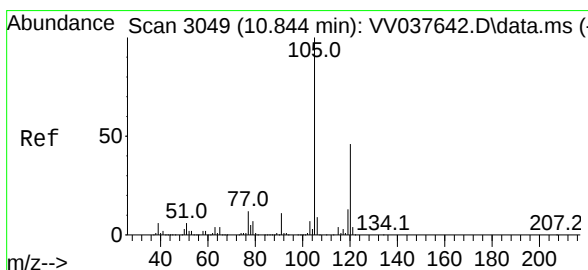
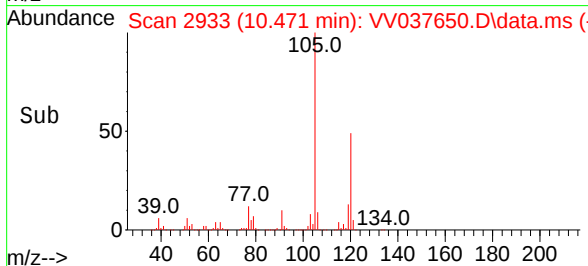
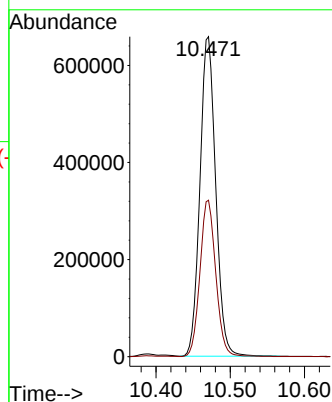
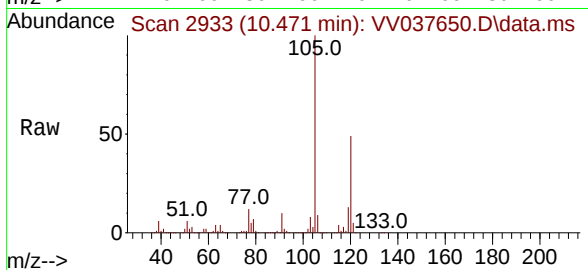
ClientSampleId :

Tgt Ion:105 Resp: 971468

Ion Ratio Lower Upper

105 100

120 49.0 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.710 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037650.D

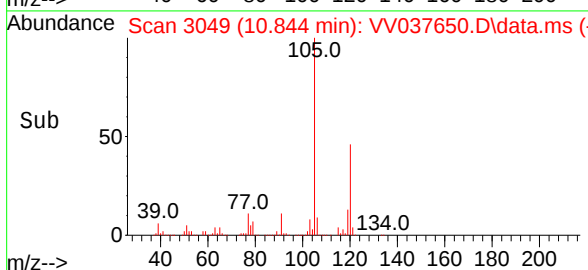
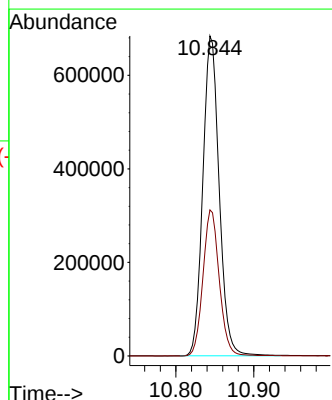
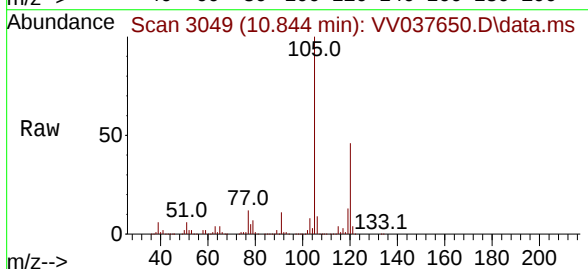
Acq: 30 Sep 2024 13:27

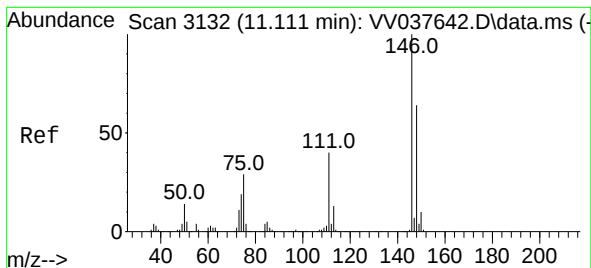
Tgt Ion:105 Resp: 995354

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 48.314 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :

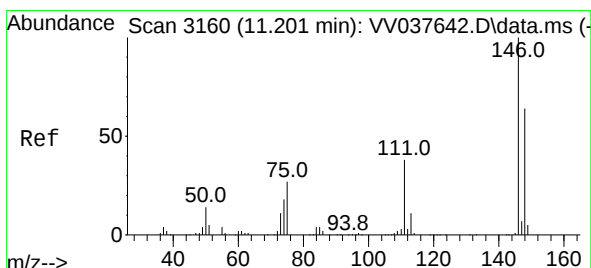
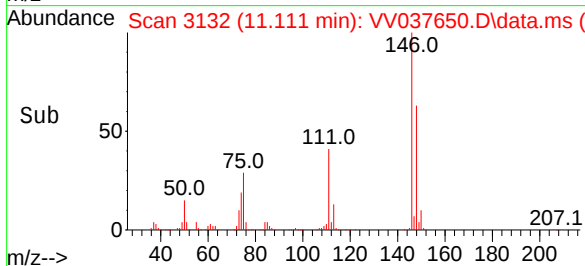
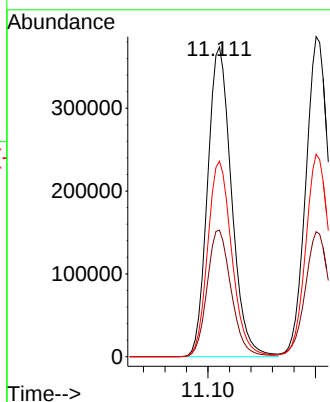
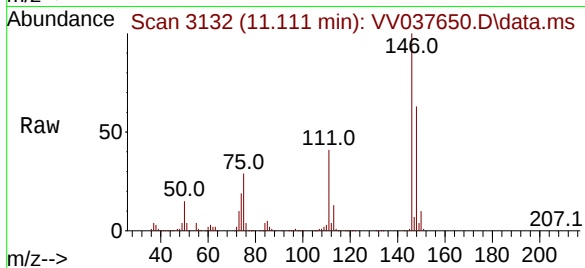
Tgt Ion:146 Resp: 580273

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 63.1 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.611 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

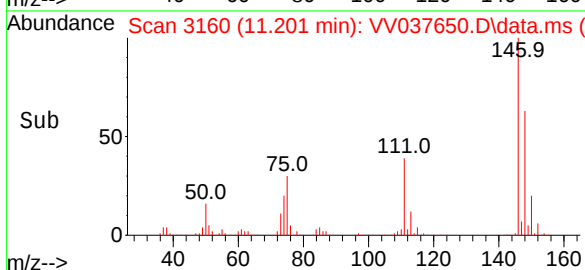
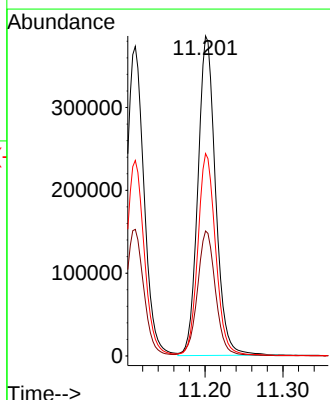
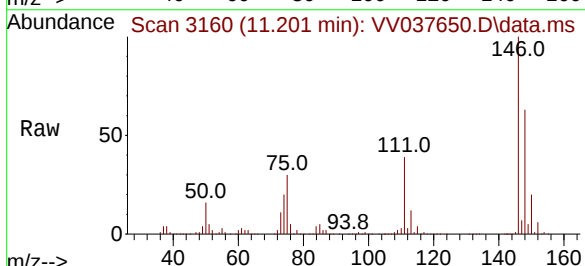
Tgt Ion:146 Resp: 607941

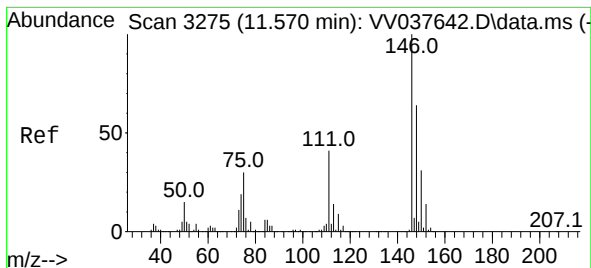
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.162 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :

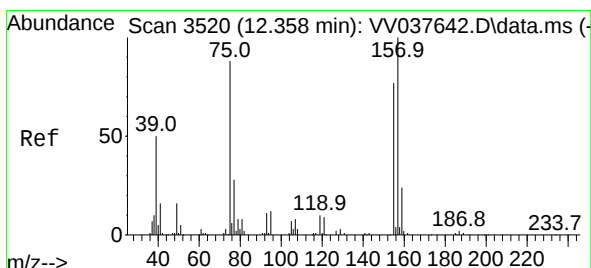
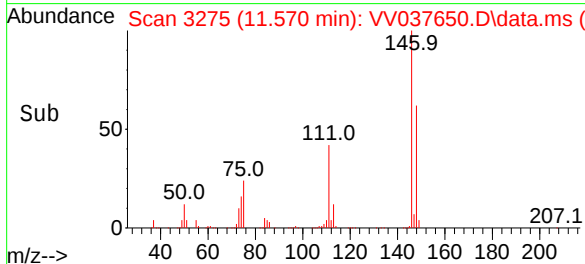
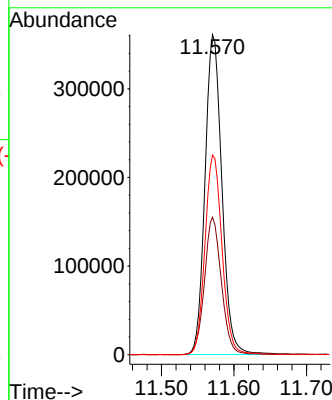
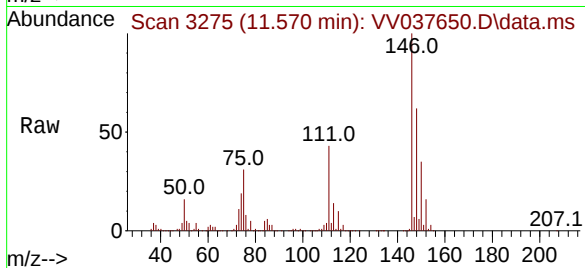
Tgt Ion:146 Resp: 583702

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 62.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.221 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

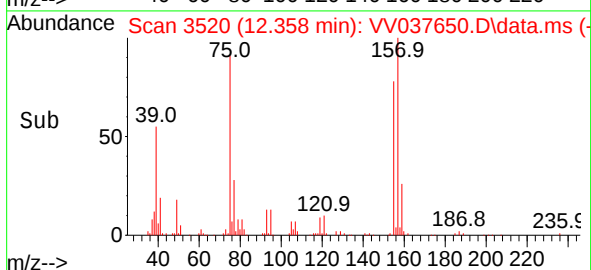
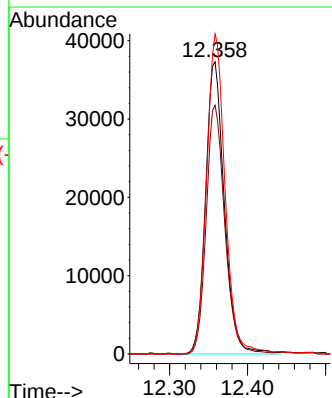
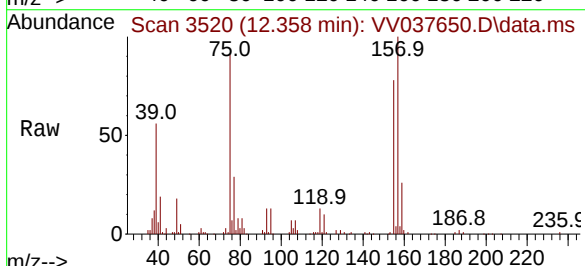
Tgt Ion: 75 Resp: 62602

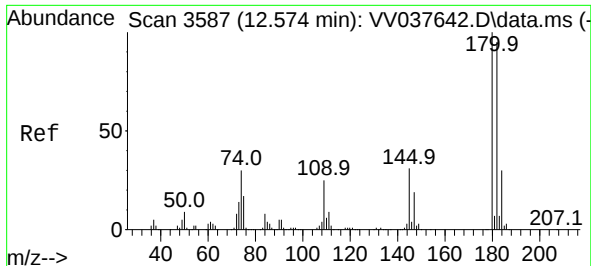
Ion Ratio Lower Upper

75 100

155 85.1 66.2 99.4

157 109.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.366 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

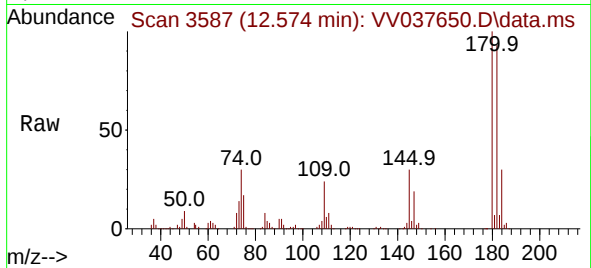
Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 399474

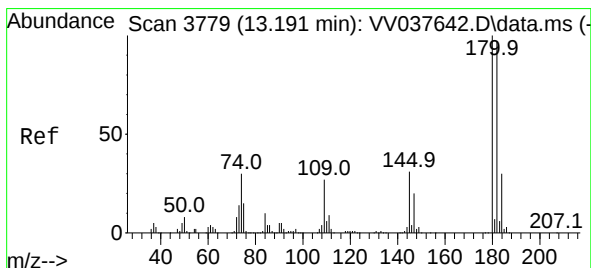
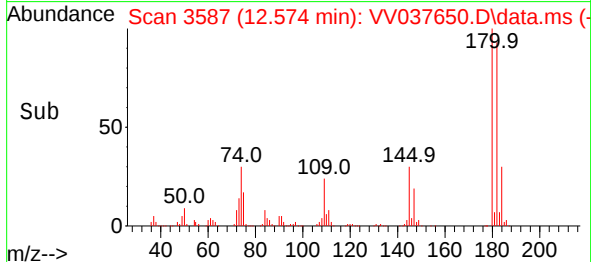
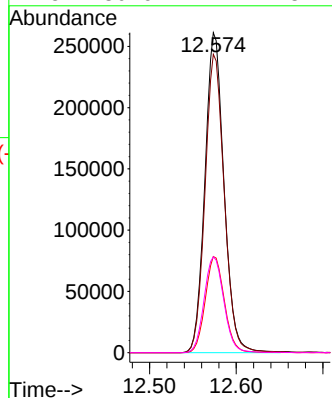
Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

184 30.2 23.8 35.6

145 30.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.060 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

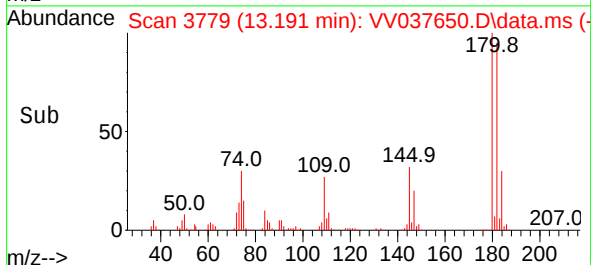
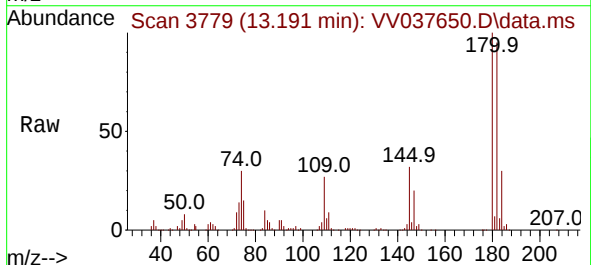
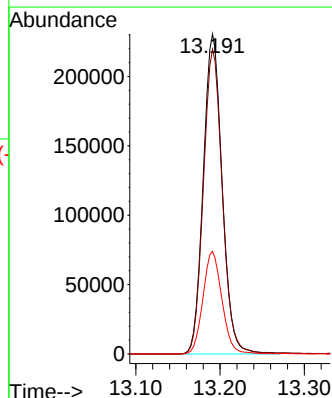
Tgt Ion:180 Resp: 360626

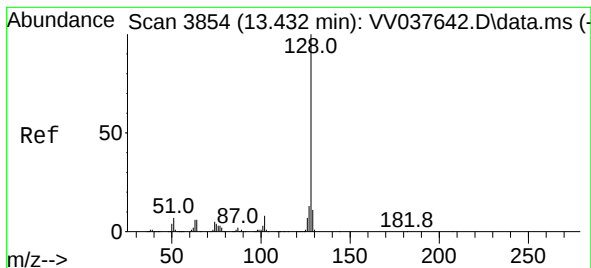
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 32.1 25.4 38.2





#71

Naphthalene

Concen: 45.886 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Instrument :

MSVOA_V

ClientSampleId :

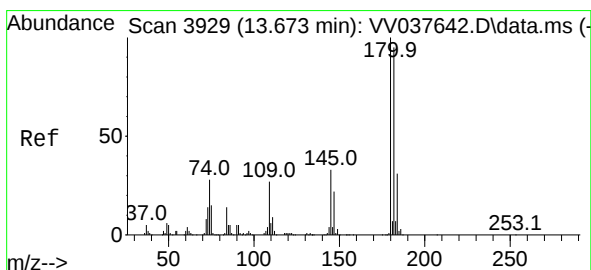
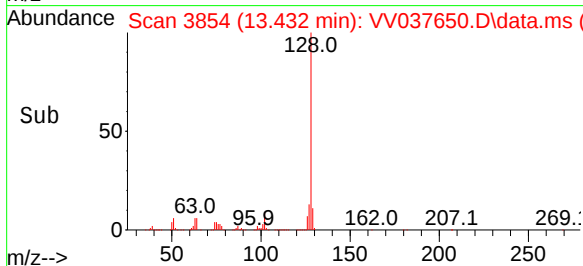
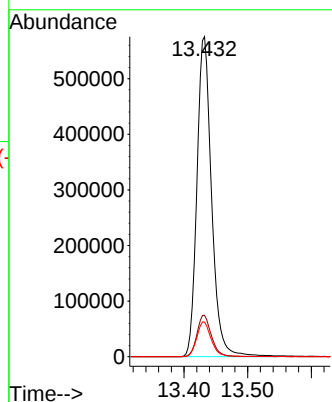
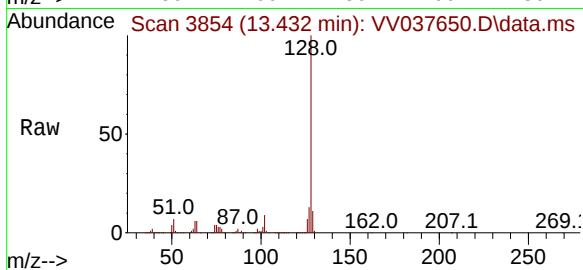
Tgt Ion:128 Resp: 918687

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.692 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037650.D

Acq: 30 Sep 2024 13:27

Tgt Ion:180 Resp: 353335

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 33.9 26.2 39.4

