

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037684.D
 Acq On : 01 Oct 2024 01:59
 Operator : SY/MD
 Sample : P4205-02MS
 Misc : 5.20g/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 07:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	602651	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	582762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	308866	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	254983	48.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.400%
7) Chloroethane-d5	1.532	69	195529	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	2.060	65	102176	46.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.460%
21) 2-Butanone-d5	3.786	46	188167	99.860	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	4.243	84	458183	48.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	4.937	65	272858	49.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
32) Benzene-d6	4.953	84	881600	48.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
36) 1,2-Dichloropropane-d6	5.985	67	280863	48.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.740%
41) Toluene-d8	7.236	98	806574	48.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	7.548	79	127504	47.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
47) 2-Hexanone-d5	8.021	63	121804	99.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.340%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323589	47.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	11.554	152	309980	47.627	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	235097	45.824	ug/L	99
3) Chloromethane	1.217	50	262189	52.640	ug/L	99
5) Vinyl chloride	1.285	62	1210908	226.770	ug/L	100
6) Bromomethane	1.487	94	154442	52.117	ug/L	100
8) Chloroethane	1.548	64	1105121	335.778	ug/L	98
9) Trichlorofluoromethane	1.715	101	341358	47.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	196817	45.823	ug/L	98
12) 1,1-Dichloroethene	2.069	96	239243	59.630	ug/L	83
13) Acetone	2.111	43	123502	66.859	ug/L	98
14) Carbon disulfide	2.240	76	570983	45.592	ug/L	100
15) Methyl Acetate	2.371	43	140586	43.611	ug/L	99
16) Methylene chloride	2.445	84	243789	53.665	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	353709	83.334	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	680129	55.852	ug/L	100
19) 1,1-Dichloroethane	3.104	63	5674726	697.803	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	4981952	1048.879	ug/L	99
22) 2-Butanone	3.873	43	180431	88.250	ug/L	95
23) Bromochloromethane	4.140	128	132932	54.104	ug/L	98
25) Chloroform	4.268	83	440766	52.349	ug/L	100

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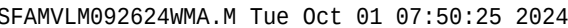
Instrument :
 MSVOA_V
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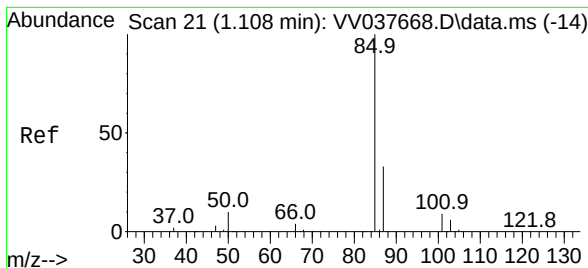
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	375864	63.234	ug/L	99
29) Cyclohexane	4.574	56	296244	44.772	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	1442490	200.975	ug/L	100
31) Carbon tetrachloride	4.728	117	301556	48.325	ug/L	100
33) Benzene	5.005	78	960894	54.672	ug/L	100
34) Trichloroethene	5.825	95	389749	83.270	ug/L	97
35) Methylcyclohexane	6.043	83	319774	44.410	ug/L	99
37) 1,2-Dichloropropane	6.088	63	243696	53.696	ug/L	99
38) Bromodichloromethane	6.429	83	328981	54.225	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	368134	50.814	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	411860	111.456	ug/L	99
42) Toluene	7.310	91	942269	51.715	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	342860	52.566	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	243994	55.989	ug/L	99
46) Tetrachloroethene	7.899	164	225125	62.909	ug/L	98
48) 2-Hexanone	8.072	43	273986	95.354	ug/L	96
49) Dibromochloromethane	8.169	129	251543	54.538	ug/L	98
50) 1,2-Dibromoethane	8.278	107	239981	53.273	ug/L	99
51) Chlorobenzene	8.808	112	624805	50.333	ug/L	100
52) Ethylbenzene	8.940	91	1015992	49.537	ug/L	99
53) m,p-Xylene	9.066	106	386025	50.573	ug/L	100
54) o-Xylene	9.471	106	383398	51.448	ug/L	99
55) Styrene	9.490	104	693680	53.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	324742	53.449	ug/L	98
59) Bromoform	9.657	173	165999	54.989	ug/L	95
60) Isopropylbenzene	9.860	105	996293	49.615	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	232637	52.932	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	796807	50.190	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	805071	50.967	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	483815	50.056	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	503144	49.992	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	488542	51.130	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	52634	49.335	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	314226	47.275	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	293531	47.598	ug/L	99
71) Naphthalene	13.432	128	773698	48.020	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	293304	48.162	ug/L	99

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

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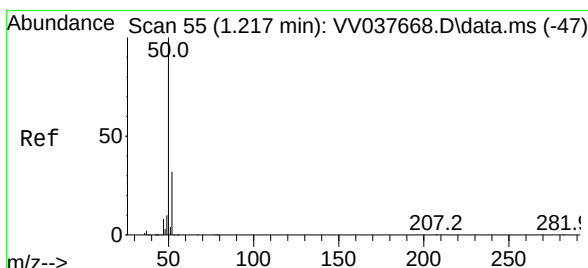
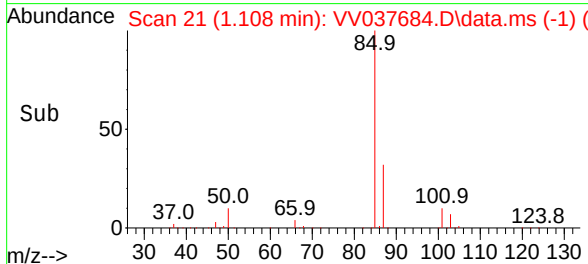
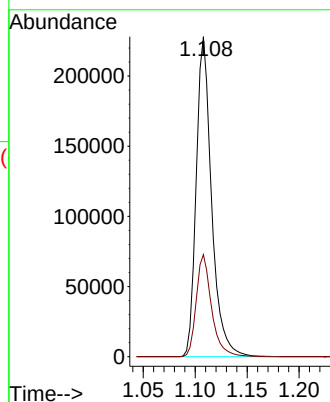
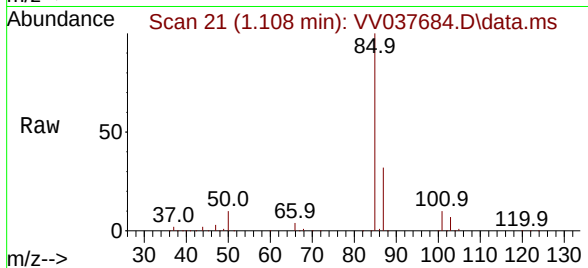




#2
 Dichlorodifluoromethane
 Concen: 45.824 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037684.D
 Acq: 01 Oct 2024 01:59

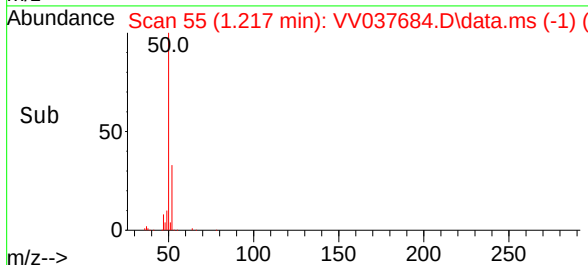
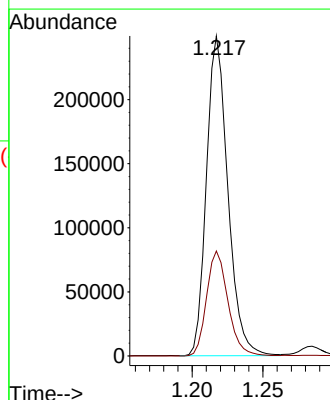
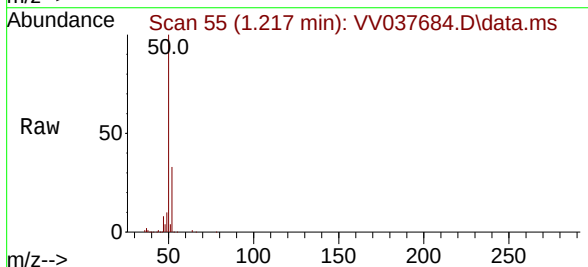
Instrument :
 MSVOA_V
 ClientSampleId :

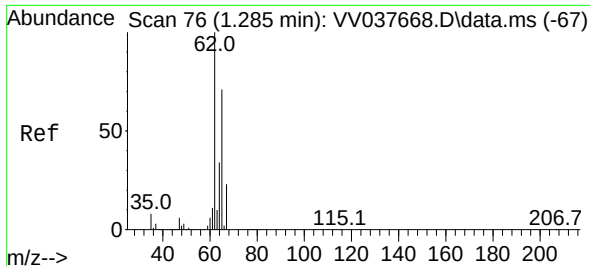
Tgt Ion: 85 Resp: 235097
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 52.640 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037684.D
 Acq: 01 Oct 2024 01:59

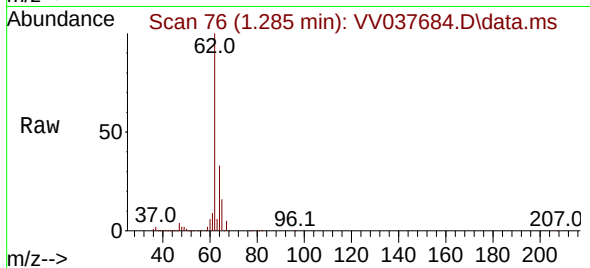
Tgt Ion: 50 Resp: 262189
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2



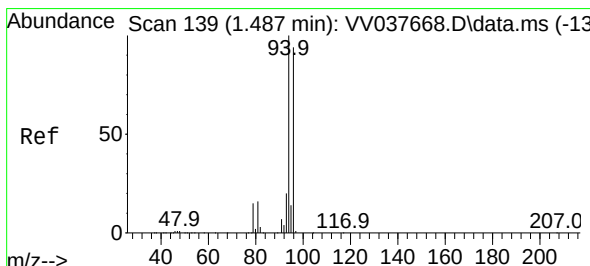
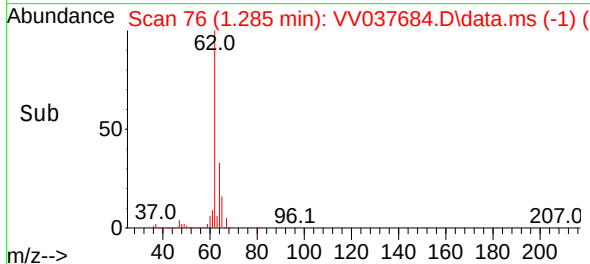
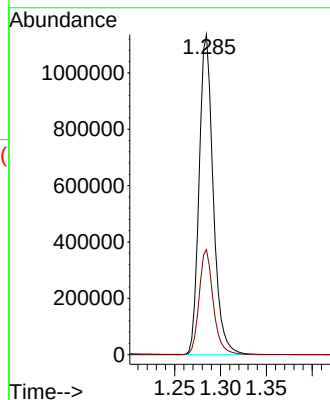


#5
 Vinyl chloride
 Concen: 226.770 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037684.D
 Acq: 01 Oct 2024 01:59

Instrument :
 MSVOA_V
 ClientSampleId :

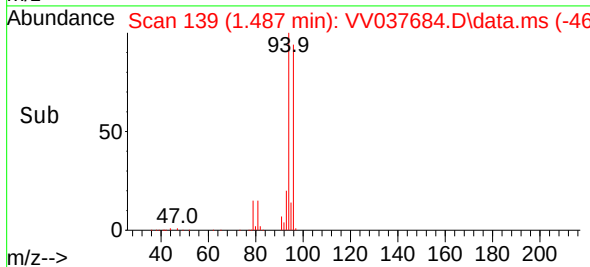
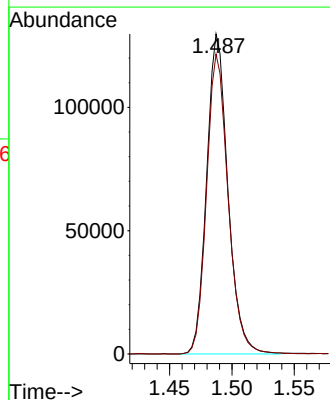
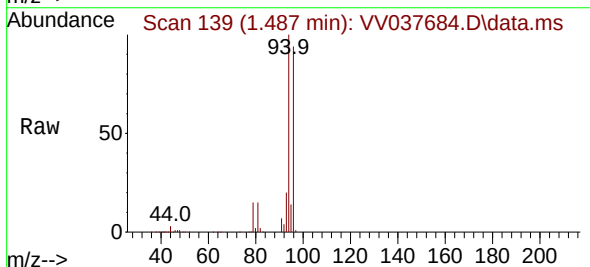


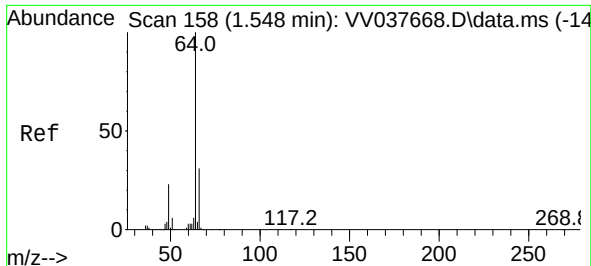
Tgt Ion: 62 Resp: 1210908
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 52.117 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037684.D
 Acq: 01 Oct 2024 01:59

Tgt Ion: 94 Resp: 154442
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.8 122.2

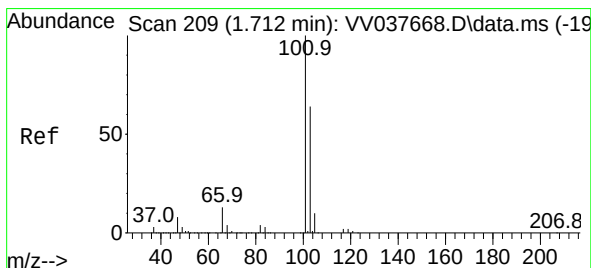
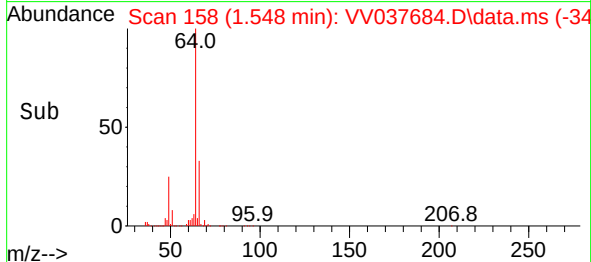
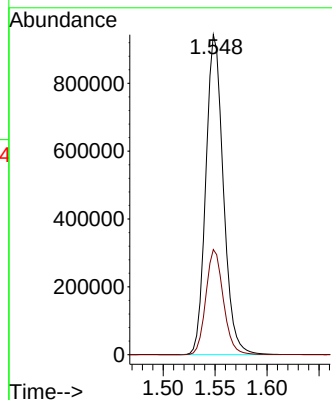
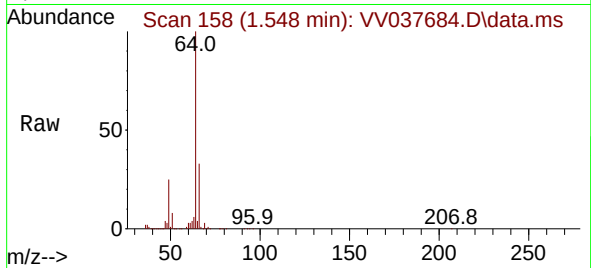




#8
Chloroethane
Concen: 335.778 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

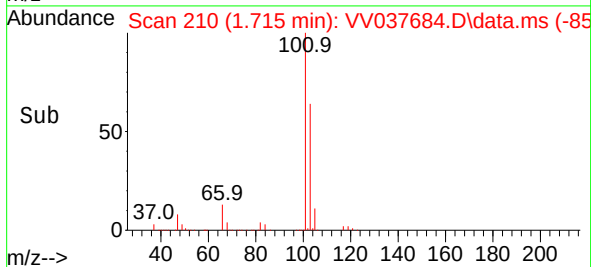
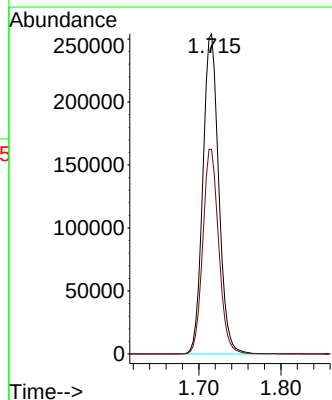
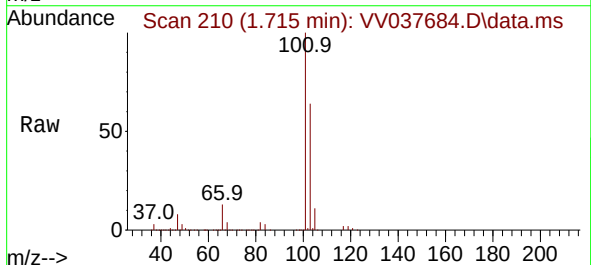
Instrument :
MSVOA_V
ClientSampleId :

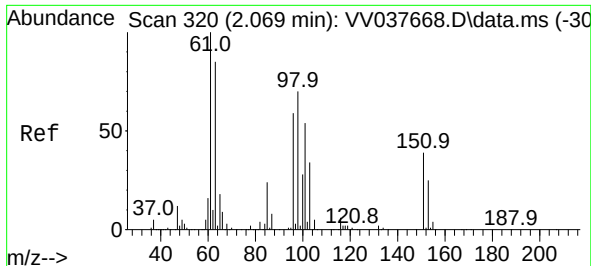
Tgt Ion: 64 Resp: 1105121
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 47.492 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt Ion:101 Resp: 341358
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4





#10

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

Concen: 45.823 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

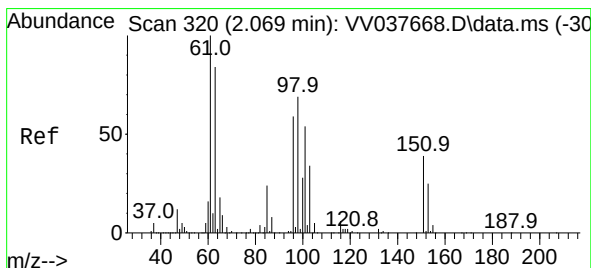
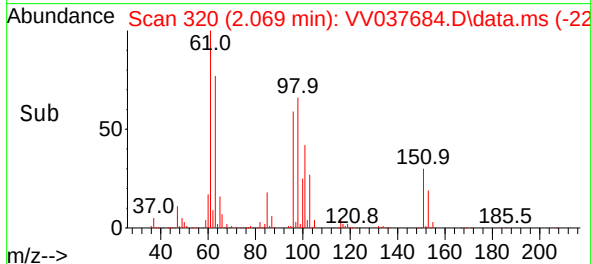
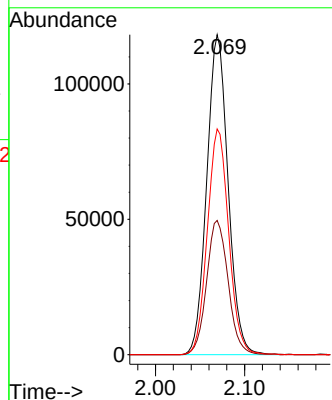
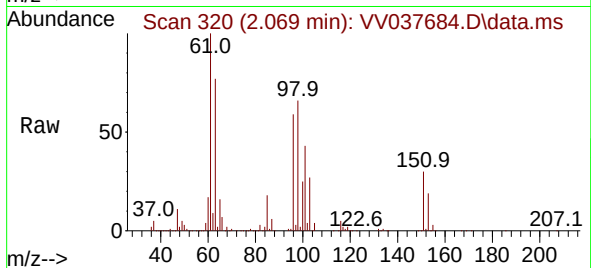
Tgt Ion:101 Resp: 196817

Ion Ratio Lower Upper

101 100

85 42.3 34.6 52.0

151 70.5 57.5 86.3



#12

1,1-Dichloroethene

Concen: 59.630 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

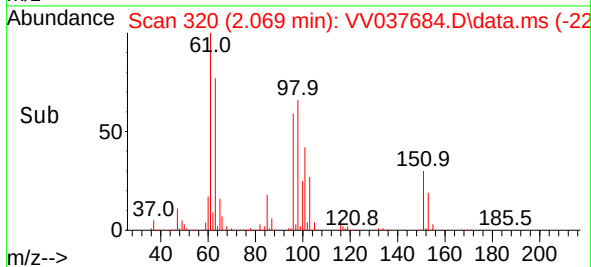
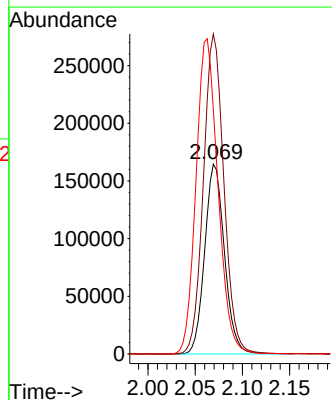
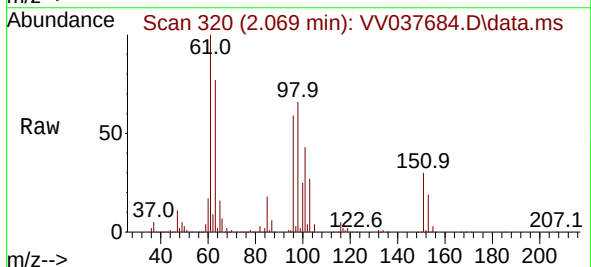
Tgt Ion: 96 Resp: 239243

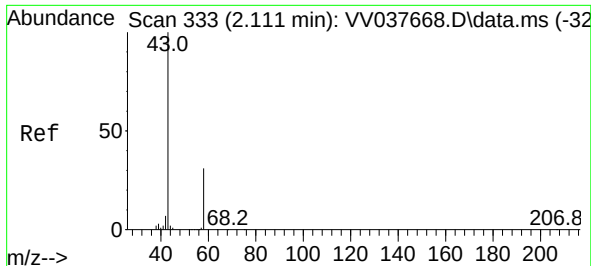
Ion Ratio Lower Upper

96 100

61 168.7 122.6 227.6

63 129.1 118.0 219.2





#13

Acetone

Concen: 66.859 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037684.D

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Instrument :

MSVOA_V

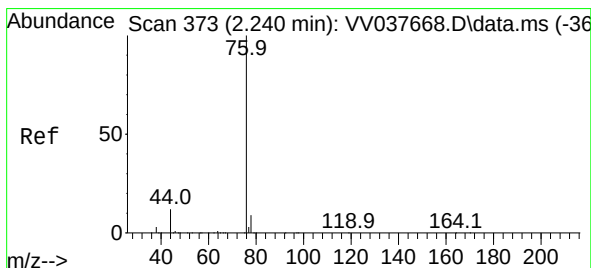
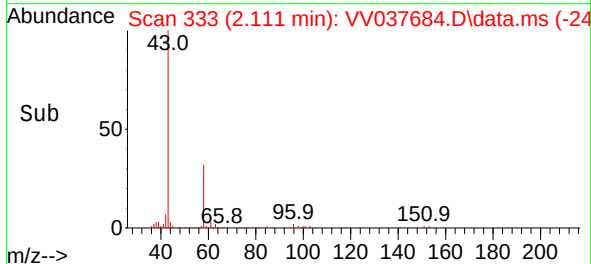
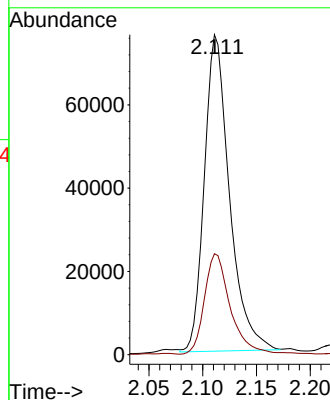
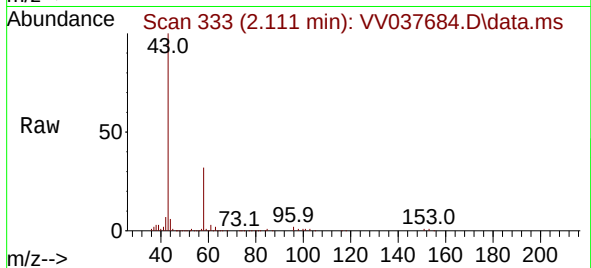
ClientSampleId :

Tgt Ion: 43 Resp: 123502

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.6



#14

Carbon disulfide

Concen: 45.592 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037684.D

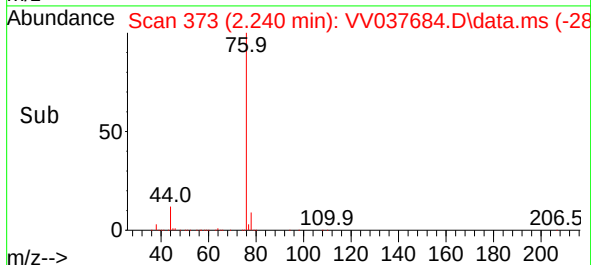
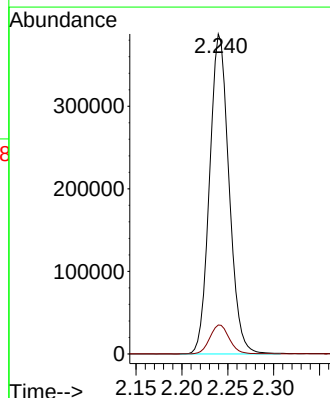
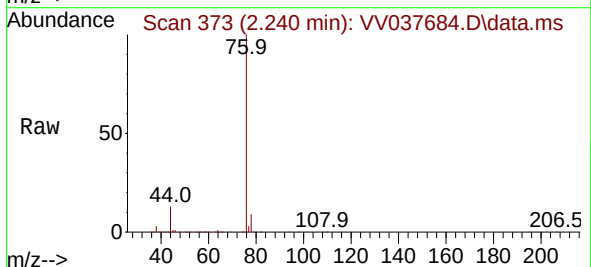
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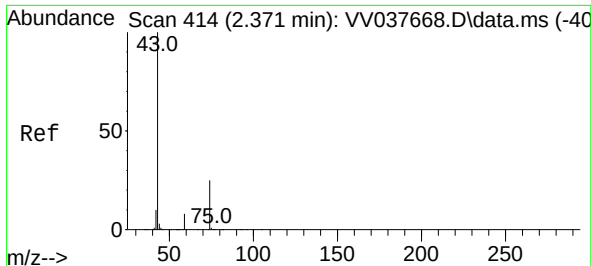
Tgt Ion: 76 Resp: 570983

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 43.611 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

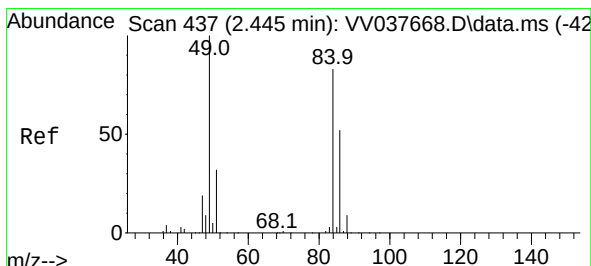
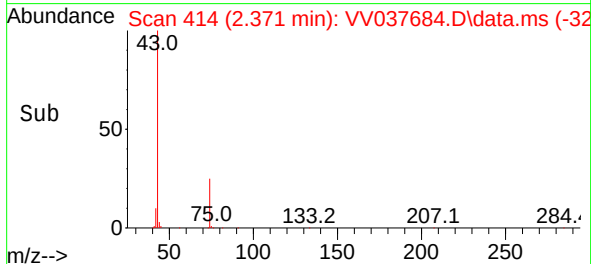
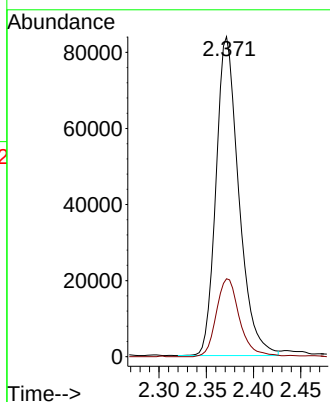
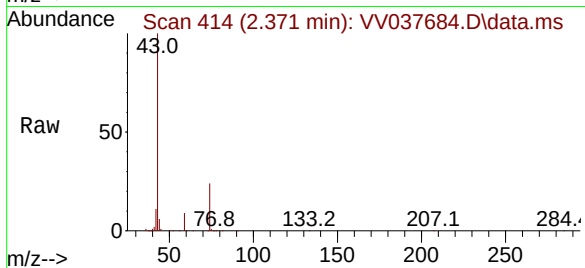
ClientSampleId :

Tgt Ion: 43 Resp: 140586

Ion Ratio Lower Upper

43 100

74 24.9 19.4 29.0



#16

Methylene chloride

Concen: 53.665 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

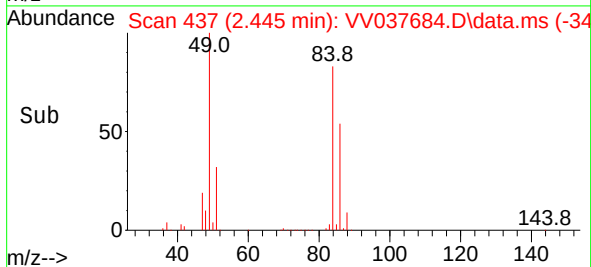
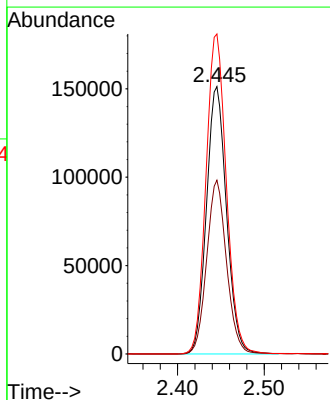
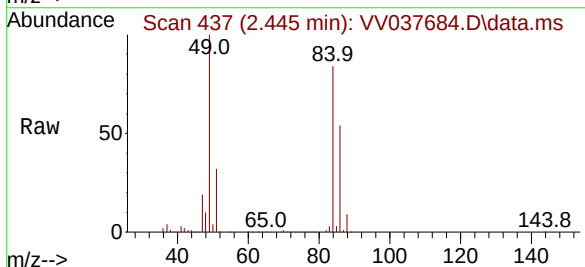
Tgt Ion: 84 Resp: 243789

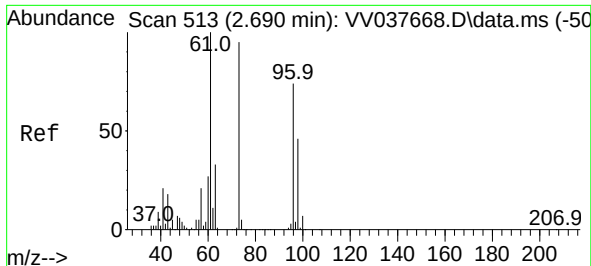
Ion Ratio Lower Upper

84 100

86 65.0 46.4 86.2

49 119.7 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 83.334 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

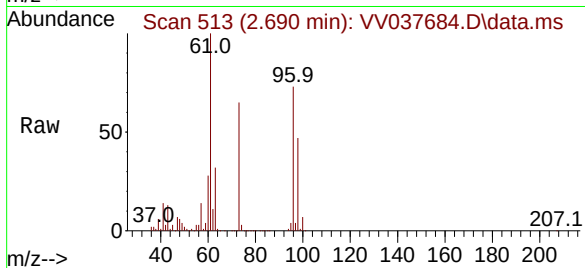
Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :



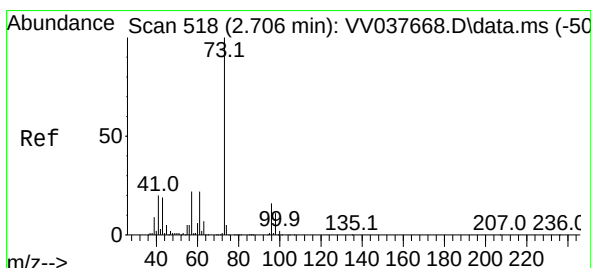
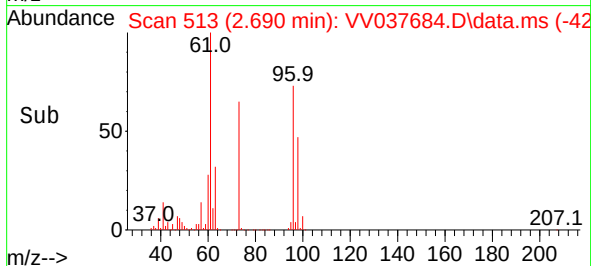
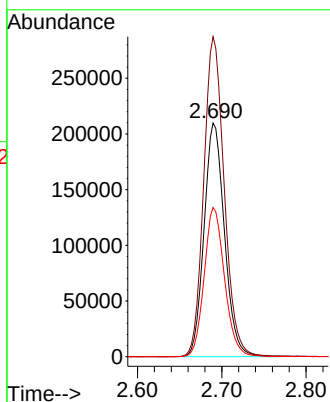
Tgt Ion: 96 Resp: 353709

Ion Ratio Lower Upper

96 100

61 136.9 97.3 180.7

98 63.8 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 55.852 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

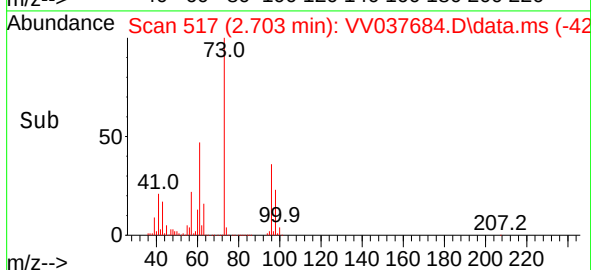
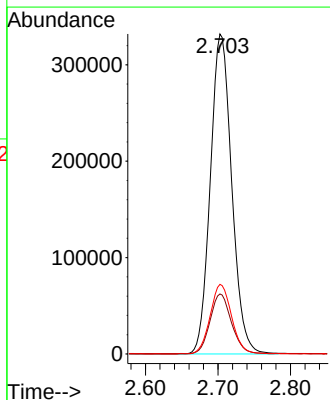
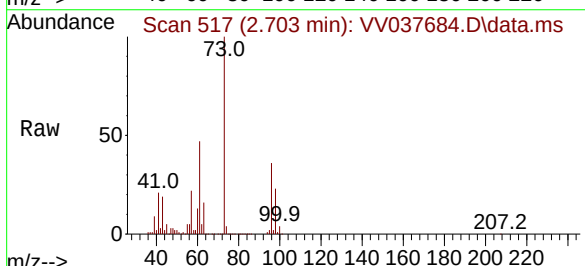
Tgt Ion: 73 Resp: 680129

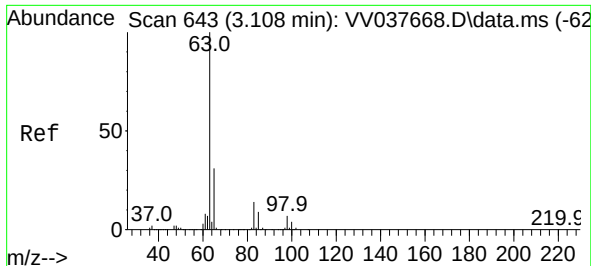
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 697.803 ug/L

RT: 3.104 min Scan# 64

Delta R.T. -0.003 min

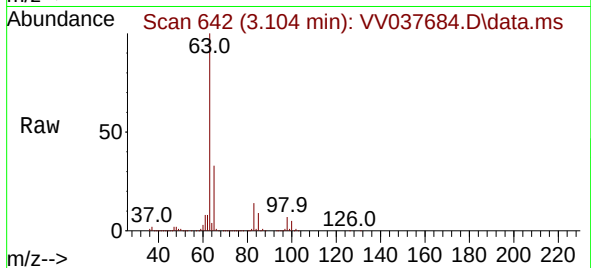
Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :



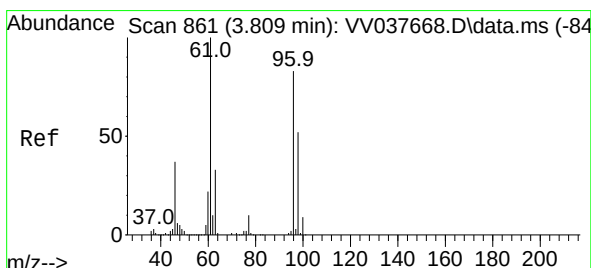
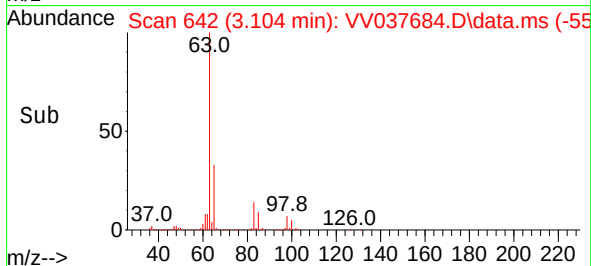
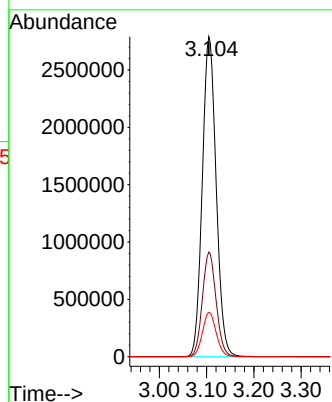
Tgt Ion: 63 Resp: 5674726

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 1048.879 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

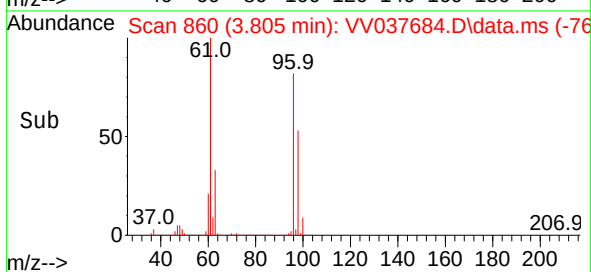
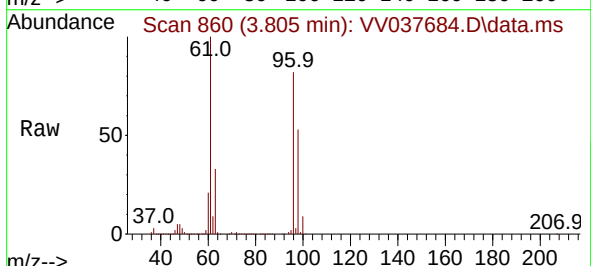
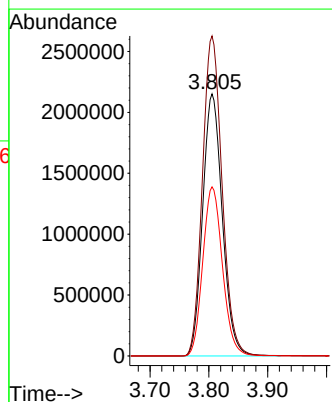
Tgt Ion: 96 Resp: 4981952

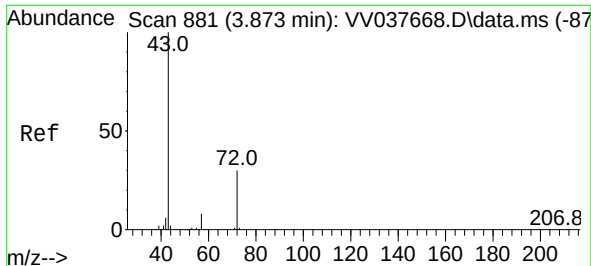
Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

98 64.5 44.2 82.0





#22

2-Butanone

Concen: 88.250 ug/L

RT: 3.873 min Scan# 881

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

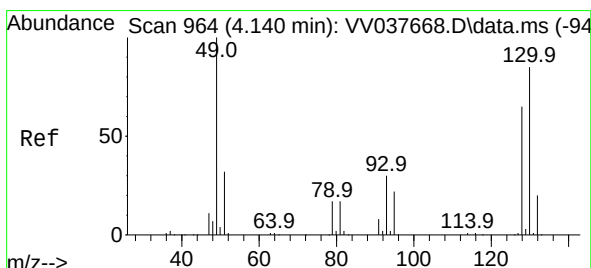
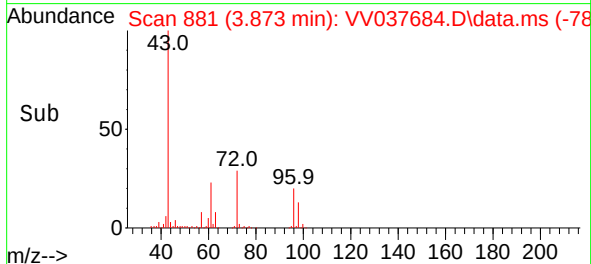
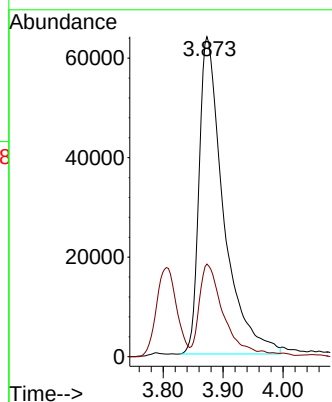
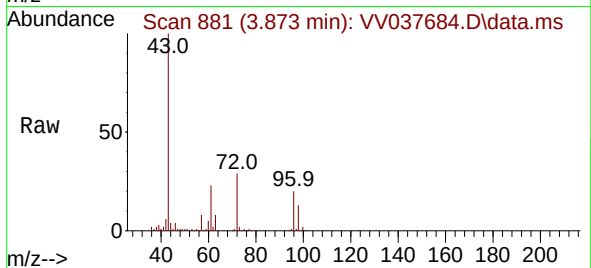
ClientSampleId :

Tgt Ion: 43 Resp: 180431

Ion Ratio Lower Upper

43 100

72 25.8 14.3 42.9



#23

Bromochloromethane

Concen: 54.104 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Tgt Ion:128 Resp: 132932

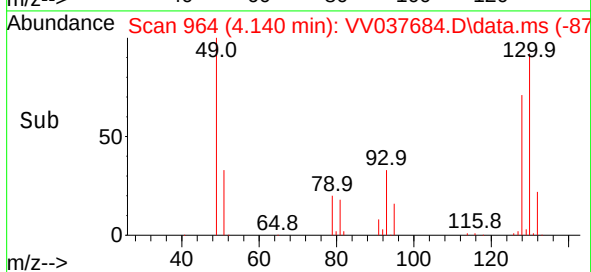
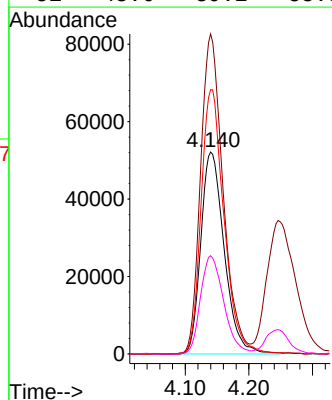
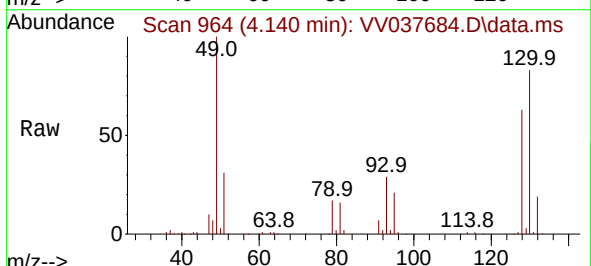
Ion Ratio Lower Upper

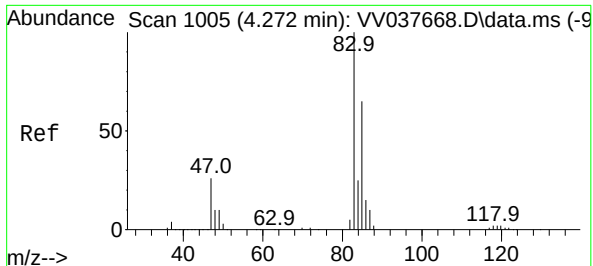
128 100

49 158.5 108.7 201.9

130 131.0 90.4 168.0

51 48.6 39.2 58.8





#25

Chloroform

Concen: 52.349 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

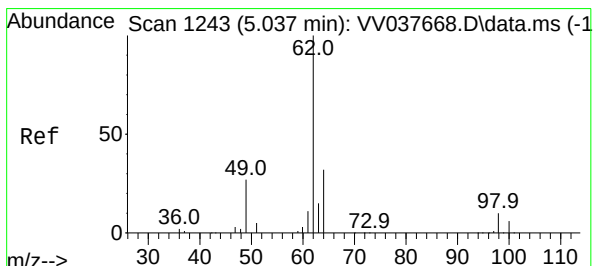
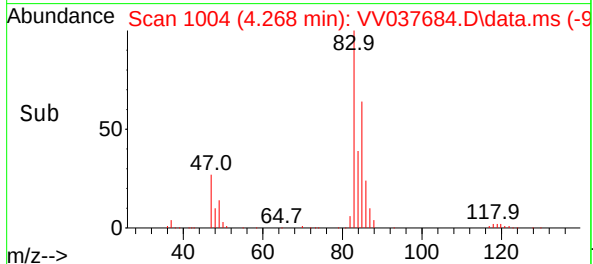
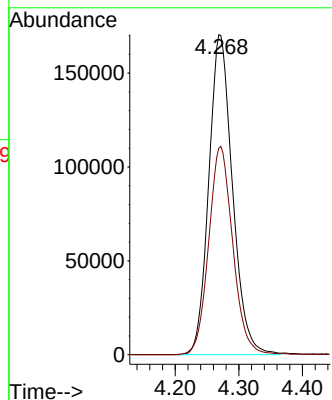
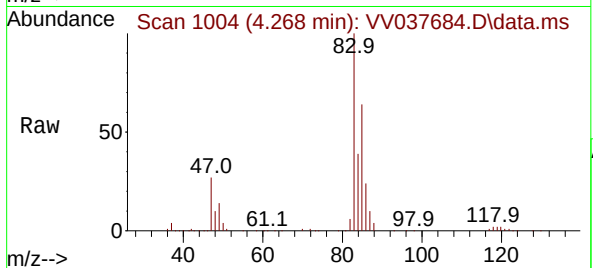
ClientSampleId :

Tgt Ion: 83 Resp: 440766

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 63.234 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037684.D

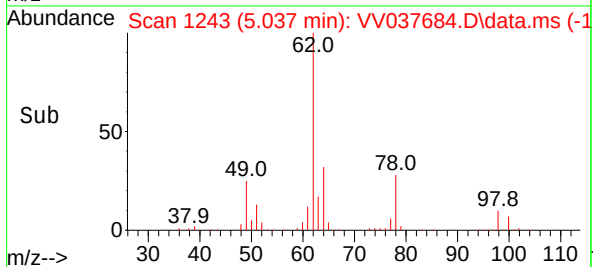
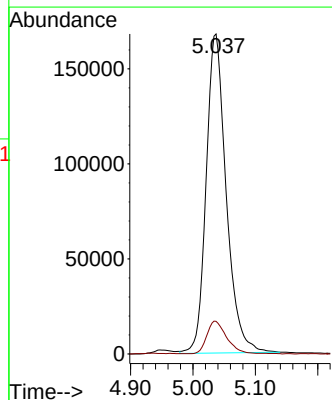
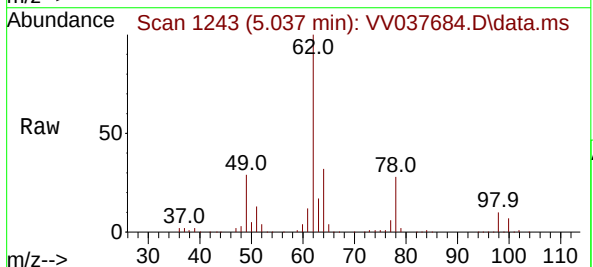
Acq: 01 Oct 2024 01:59

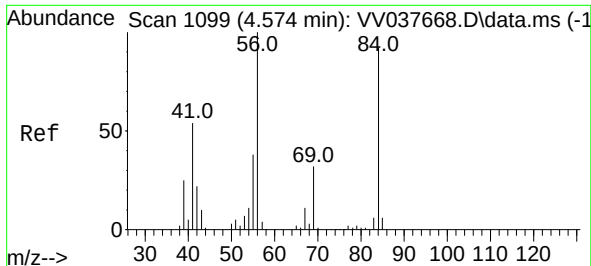
Tgt Ion: 62 Resp: 375864

Ion Ratio Lower Upper

62 100

98 10.2 8.4 12.6





#29

Cyclohexane

Concen: 44.772 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

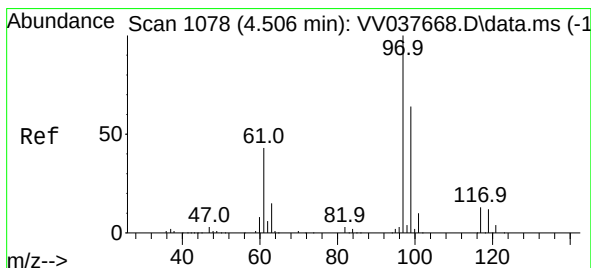
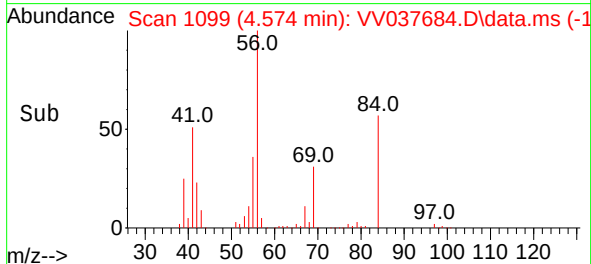
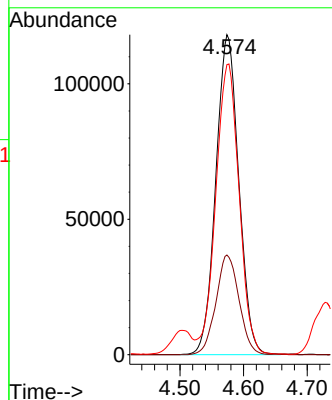
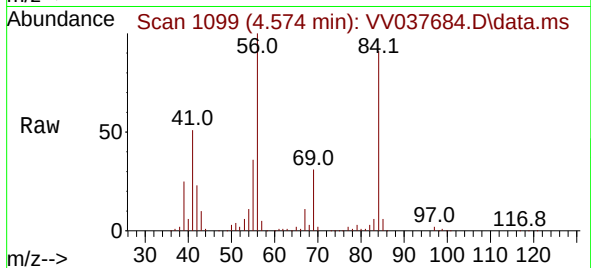
Tgt Ion: 56 Resp: 296244

Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 91.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 200.975 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

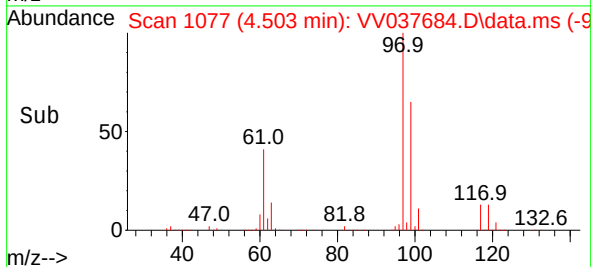
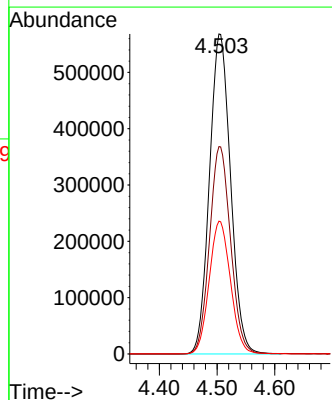
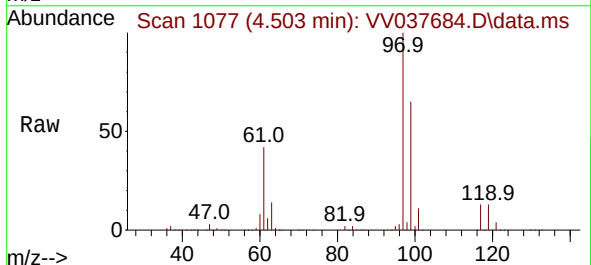
Tgt Ion: 97 Resp: 1442490

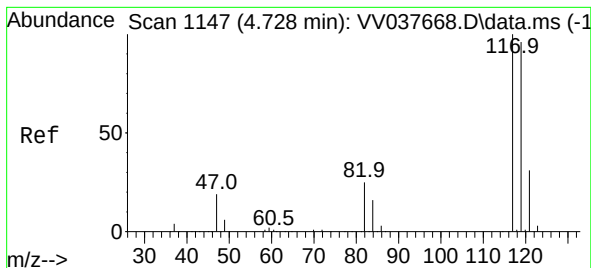
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 41.7 33.6 50.4





#31

Carbon tetrachloride

Concen: 48.325 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

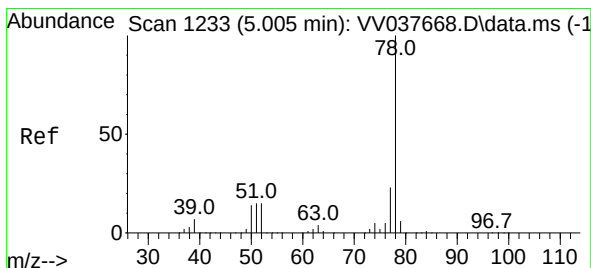
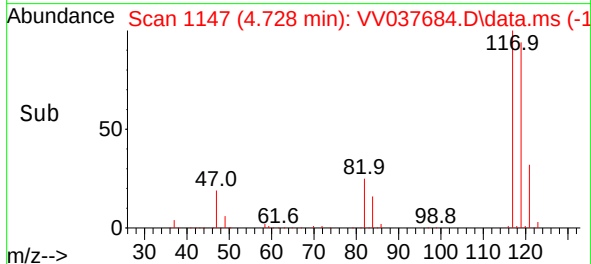
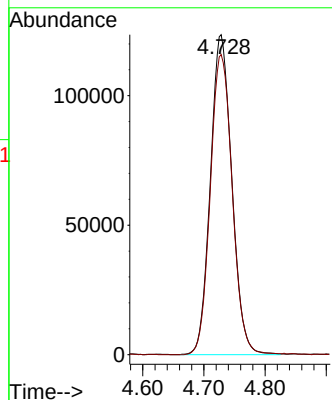
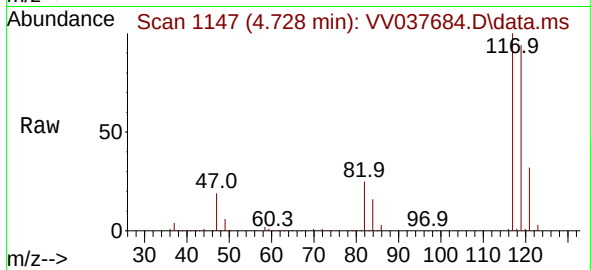
ClientSampleId :

Tgt Ion:117 Resp: 301556

Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3



#33

Benzene

Concen: 54.672 ug/L

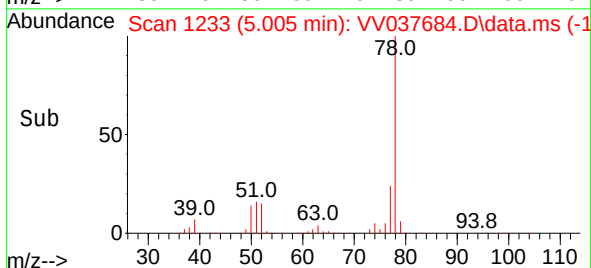
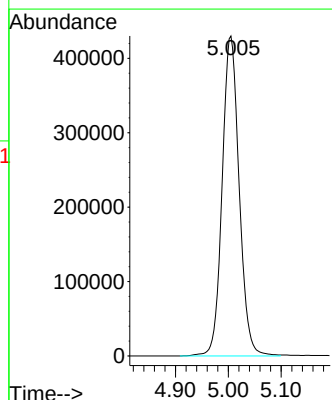
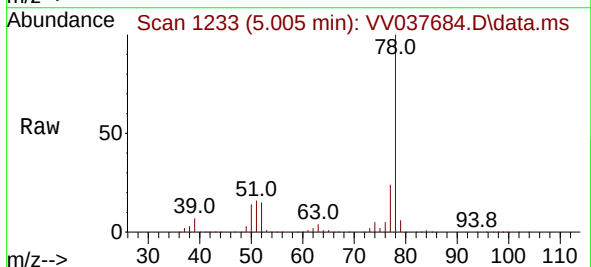
RT: 5.005 min Scan# 1233

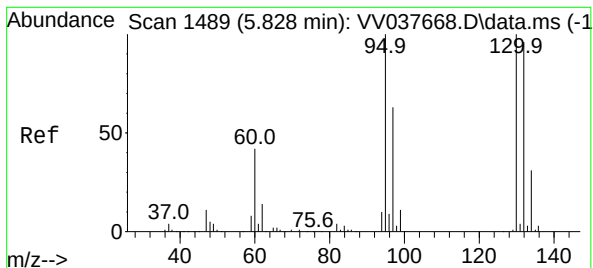
Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Tgt Ion: 78 Resp: 960894





#34

Trichloroethene

Concen: 83.270 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 389749

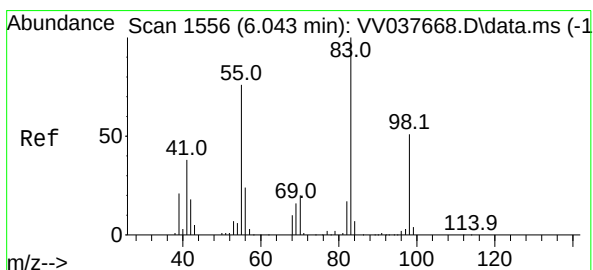
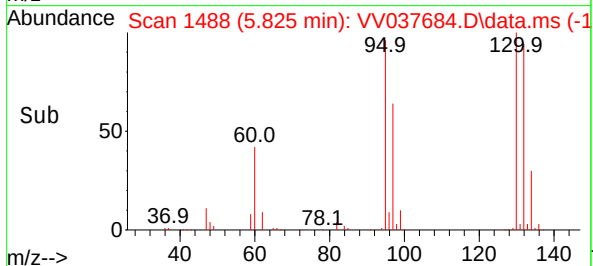
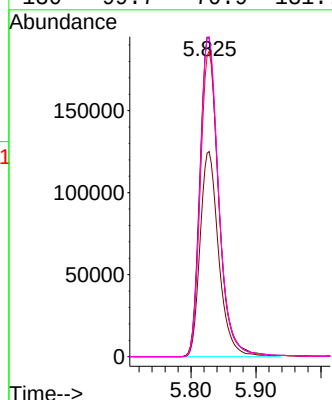
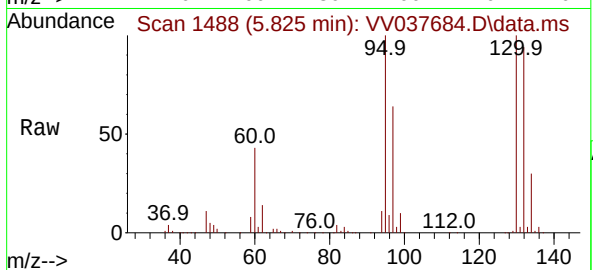
Ion Ratio Lower Upper

95 100

97 63.7 46.3 85.9

132 94.2 68.6 127.4

130 99.7 70.9 131.7



#35

Methylcyclohexane

Concen: 44.410 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

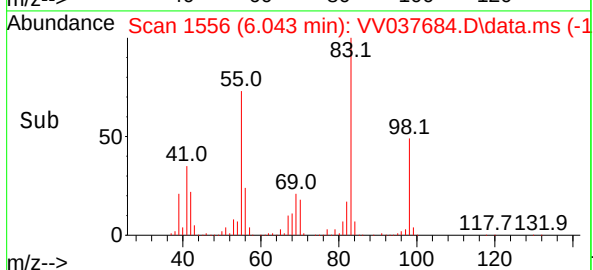
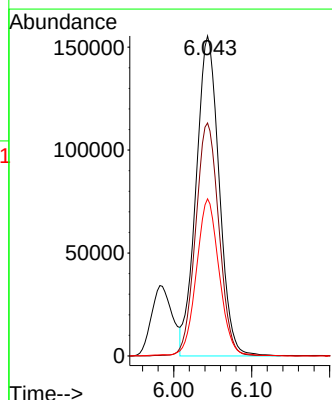
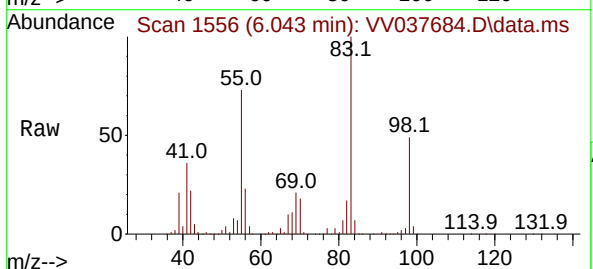
Tgt Ion: 83 Resp: 319774

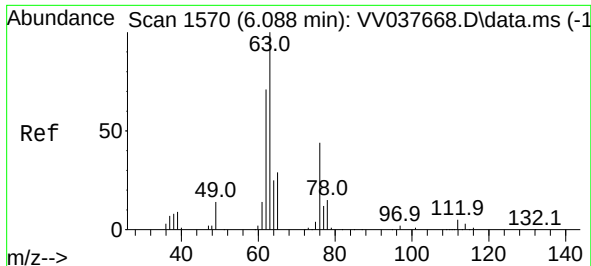
Ion Ratio Lower Upper

83 100

55 73.4 57.9 86.9

98 48.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 53.696 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

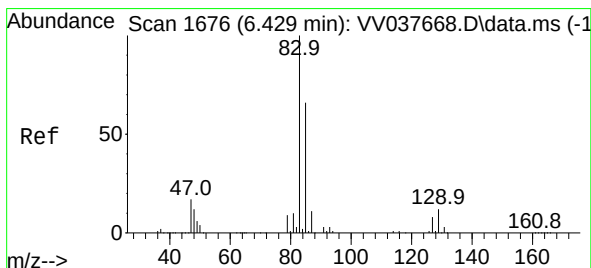
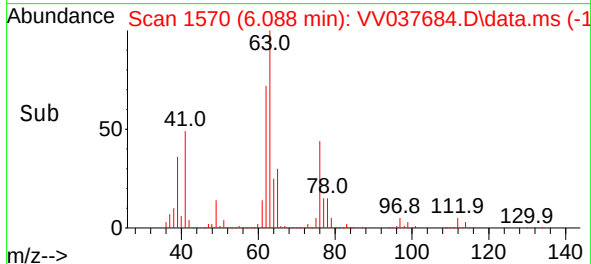
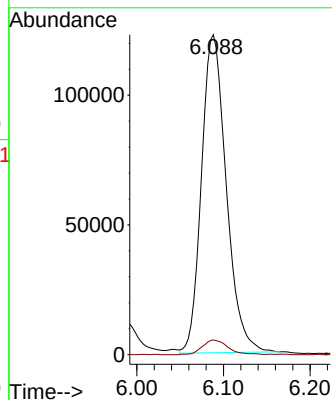
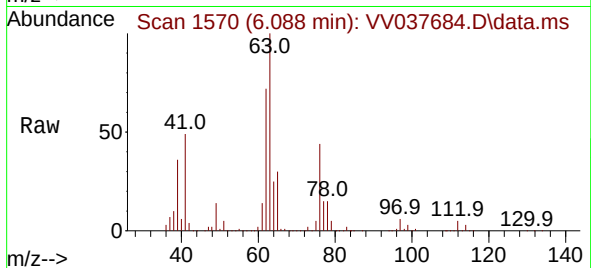
ClientSampleId :

Tgt Ion: 63 Resp: 243696

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 54.225 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

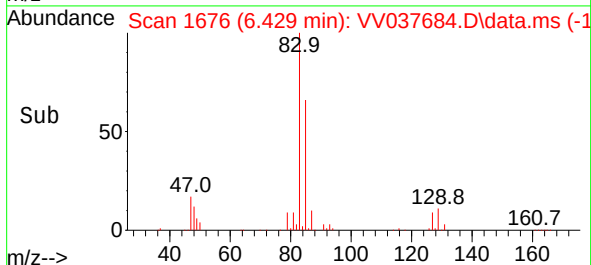
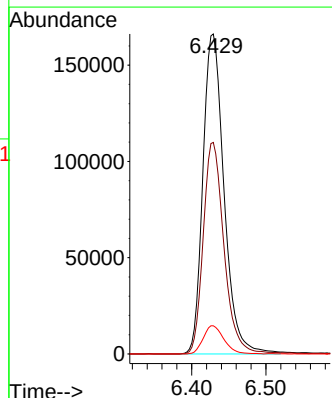
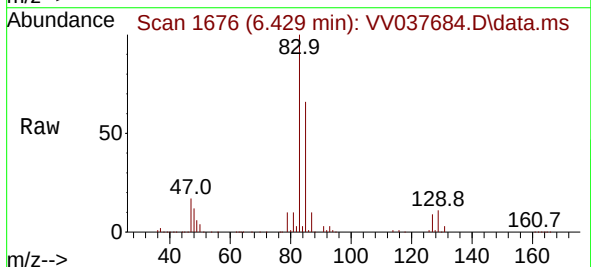
Tgt Ion: 83 Resp: 328981

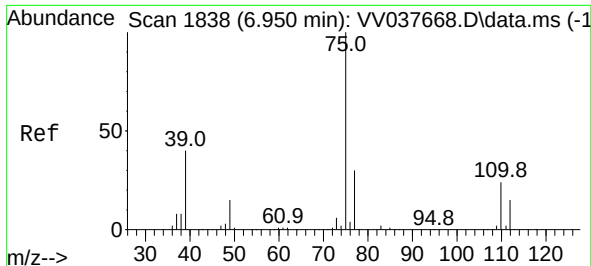
Ion Ratio Lower Upper

83 100

85 66.1 45.7 84.9

127 8.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 50.814 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

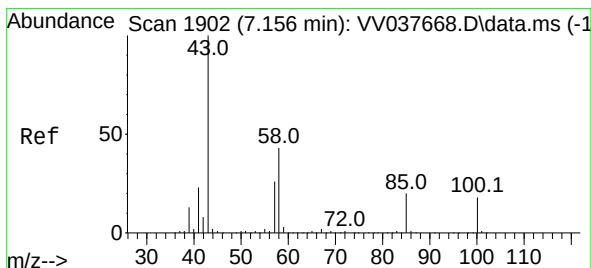
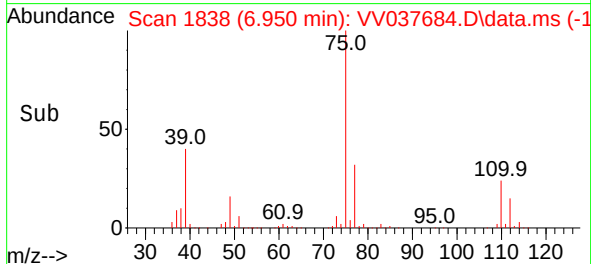
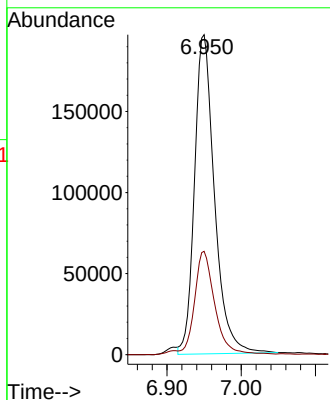
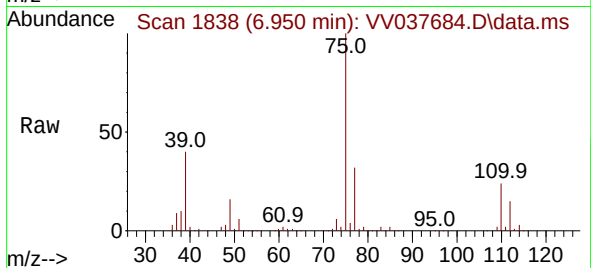
ClientSampleId :

Tgt Ion: 75 Resp: 368134

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 111.456 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

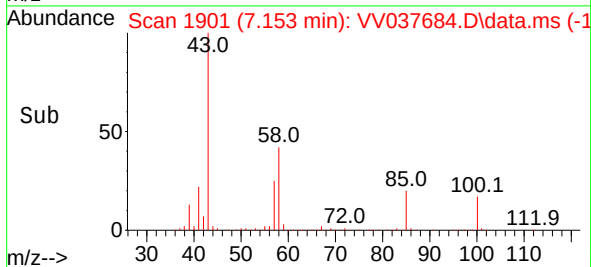
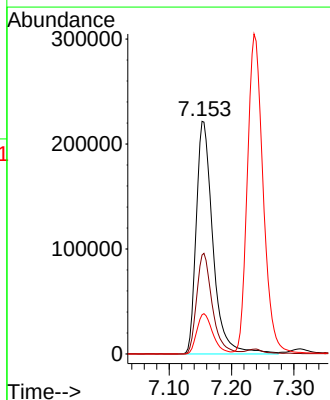
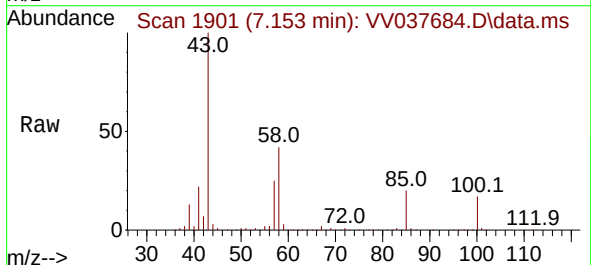
Tgt Ion: 43 Resp: 411860

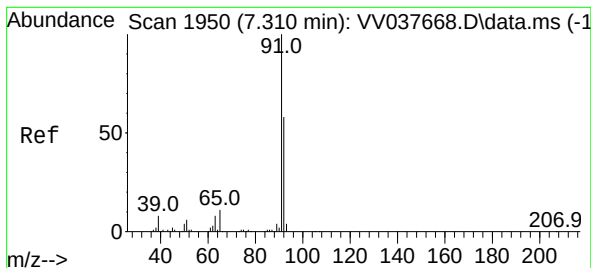
Ion Ratio Lower Upper

43 100

58 40.5 33.0 49.4

100 16.7 13.7 20.5





#42

Toluene

Concen: 51.715 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

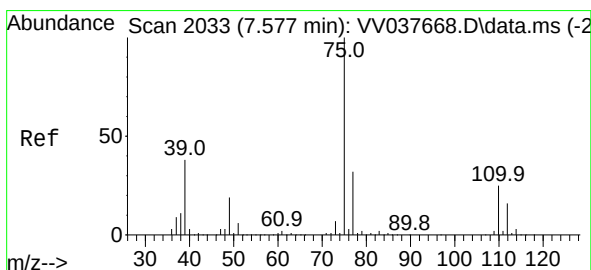
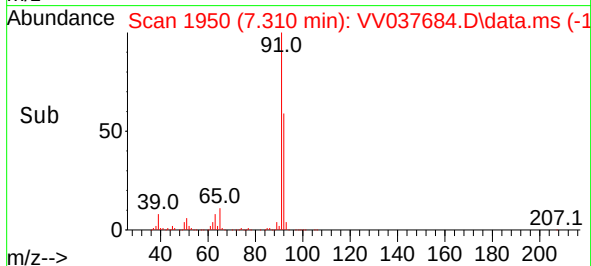
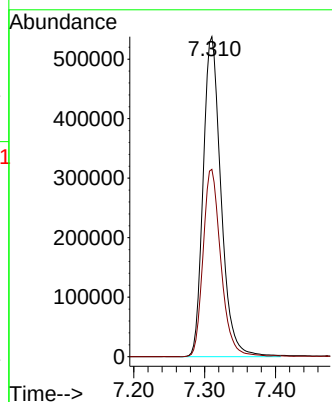
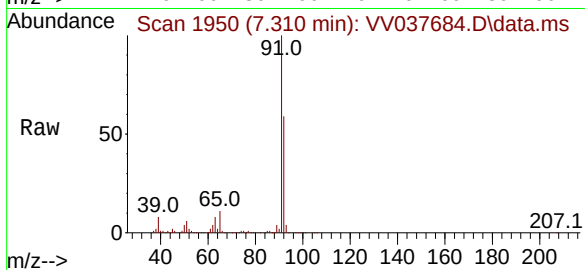
ClientSampleId :

Tgt Ion: 91 Resp: 942269

Ion Ratio Lower Upper

91 100

92 58.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 52.566 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037684.D

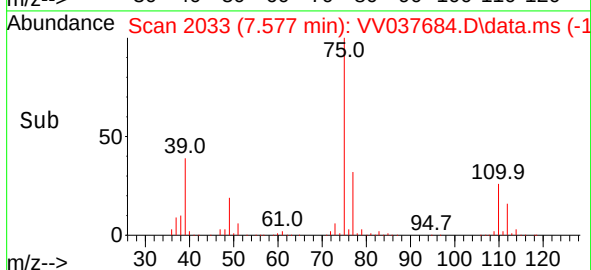
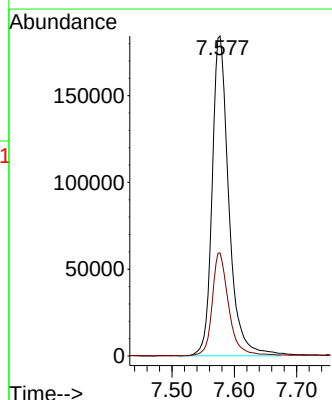
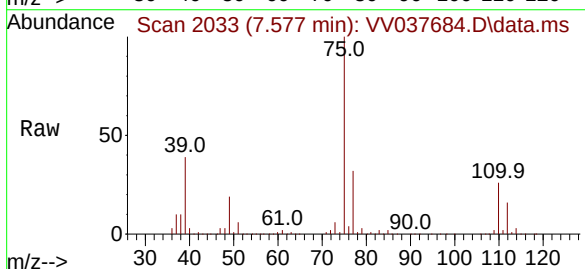
Acq: 01 Oct 2024 01:59

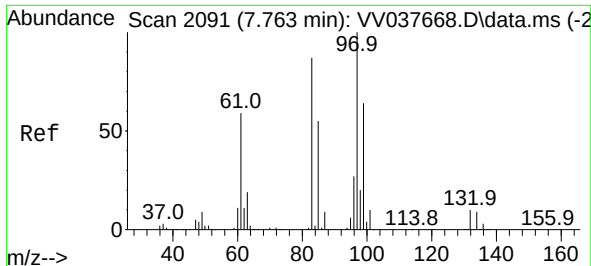
Tgt Ion: 75 Resp: 342860

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7

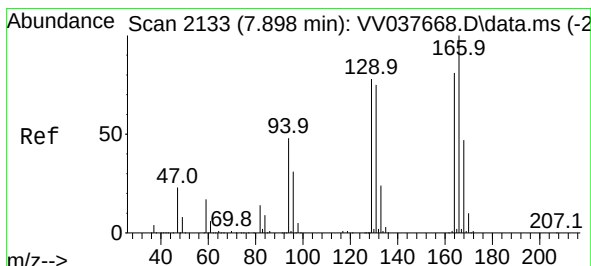
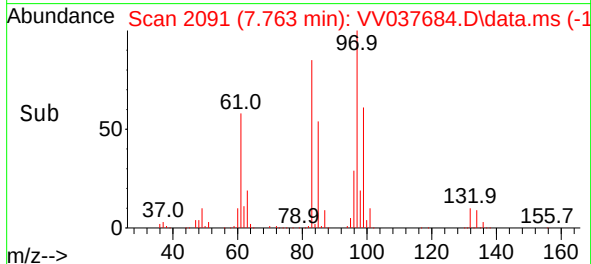
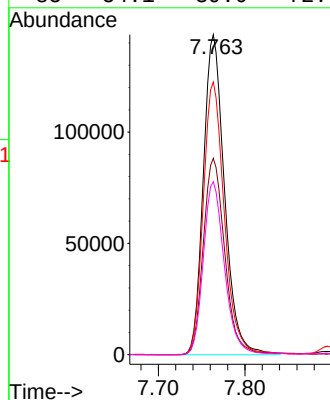
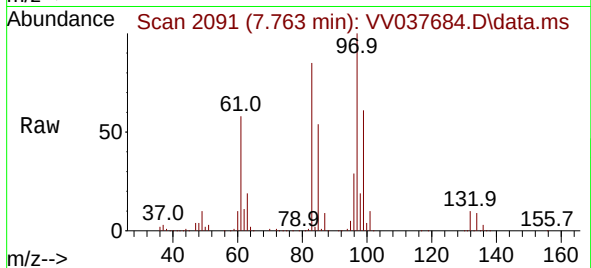




#45
1,1,2-Trichloroethane
Concen: 55.989 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

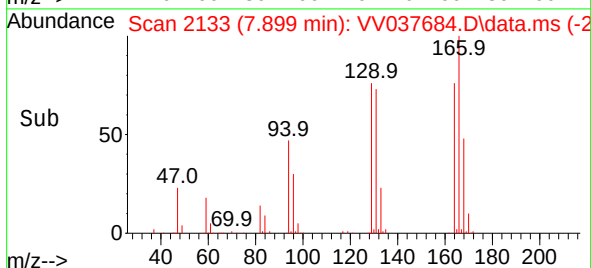
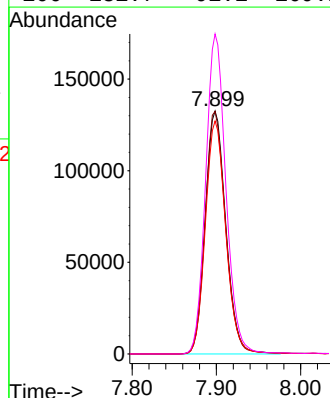
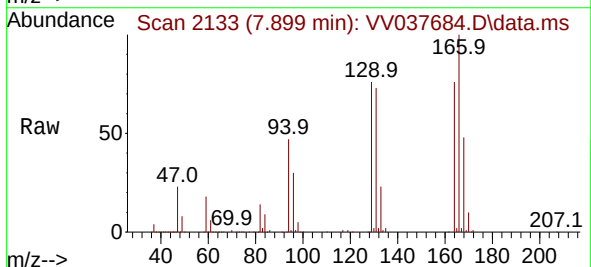
Instrument :
MSVOA_V
ClientSampleId :

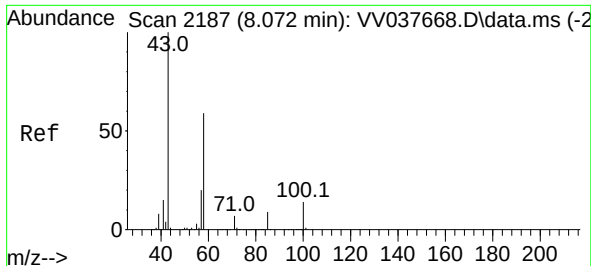
Tgt Ion: 97	Resp: 243994
Ion Ratio	Lower Upper
97 100	
99 61.4	44.1 81.9
83 85.2	59.3 110.1
85 54.1	39.0 72.4



#46
Tetrachloroethene
Concen: 62.909 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt	Ion:164	Resp:	225125
Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.2	126.6
131	95.9	66.1	122.8
166	131.7	91.1	169.1

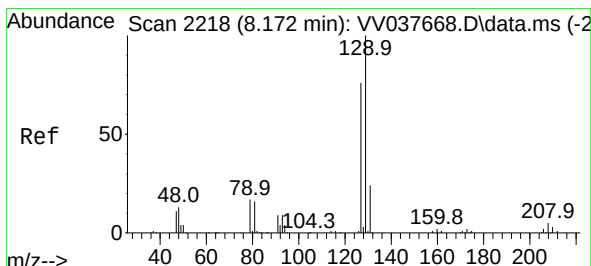
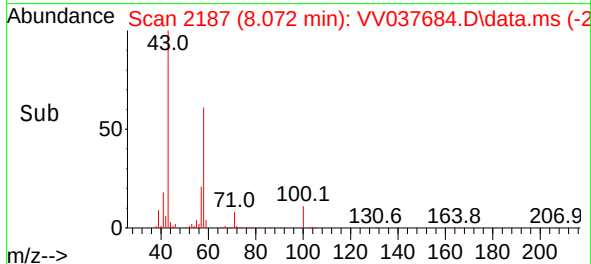
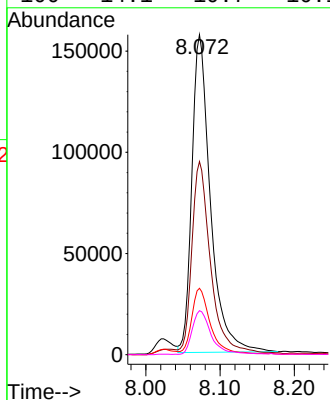
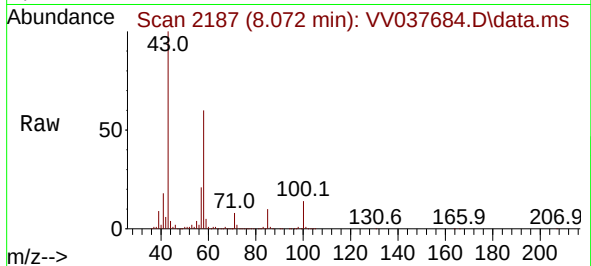




#48
2-Hexanone
Concen: 95.354 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

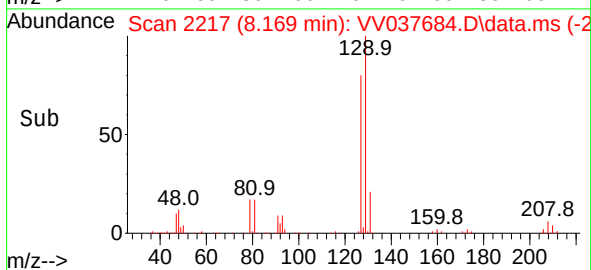
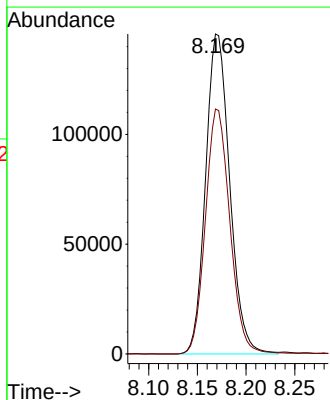
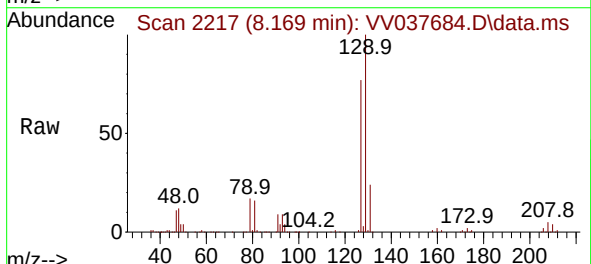
Instrument :
MSVOA_V
ClientSampleId :

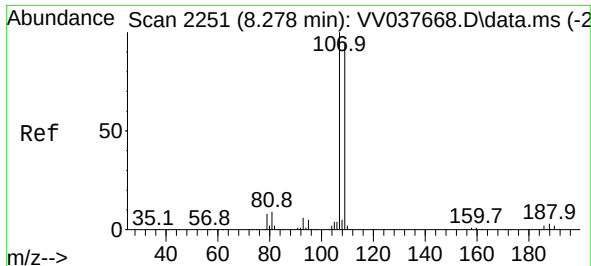
Tgt Ion: 43 Resp: 273986
Ion Ratio Lower Upper
43 100
58 61.3 46.5 69.7
57 20.5 15.1 22.7
100 14.1 10.7 16.1



#49
Dibromochloromethane
Concen: 54.538 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt Ion: 129 Resp: 251543
Ion Ratio Lower Upper
129 100
127 76.5 54.9 101.9

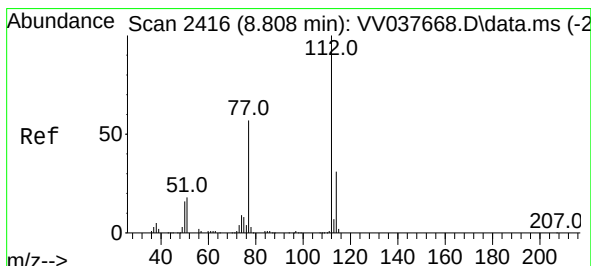
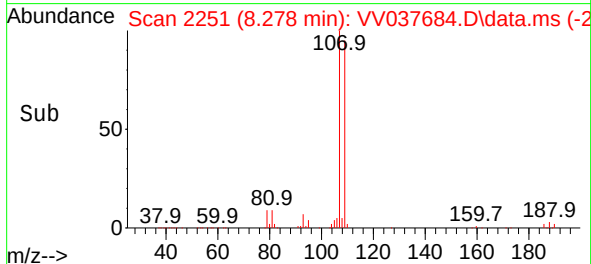
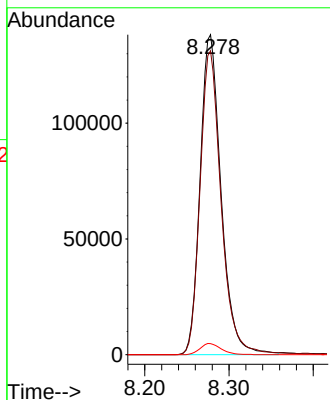
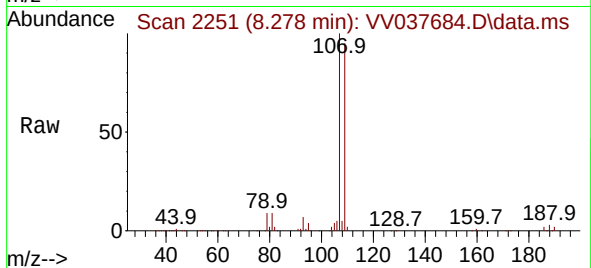




#50
1,2-Dibromoethane
Concen: 53.273 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

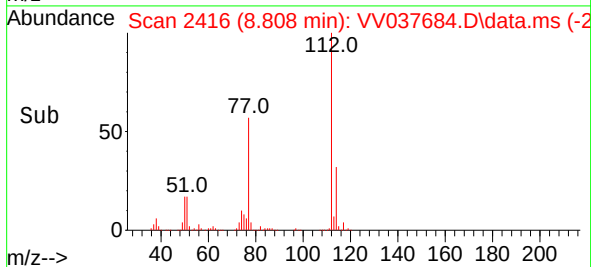
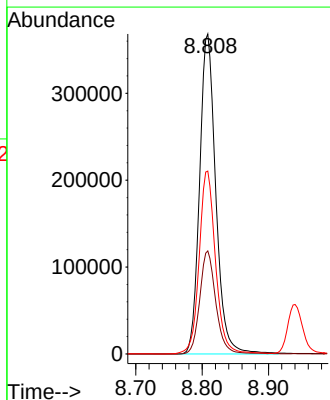
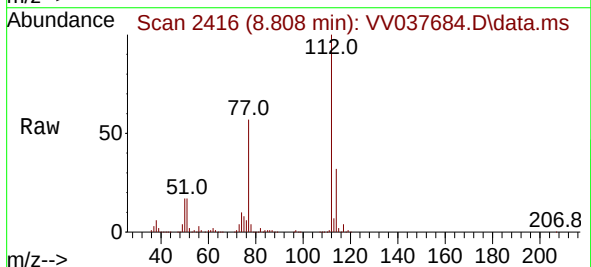
Instrument :
MSVOA_V
ClientSampleId :

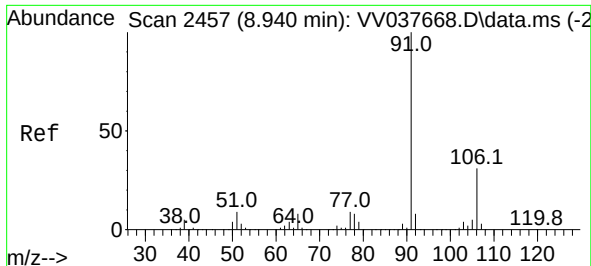
Tgt Ion:107 Resp: 239981
Ion Ratio Lower Upper
107 100
109 95.0 65.7 121.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 50.333 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt Ion:112 Resp: 624805
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.1 45.8 68.8

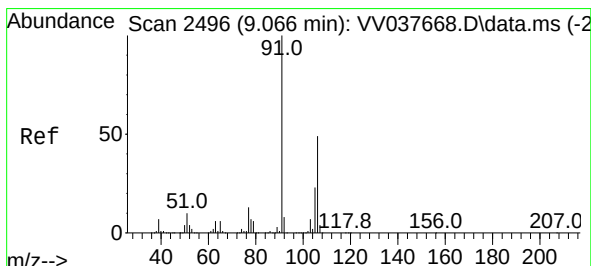
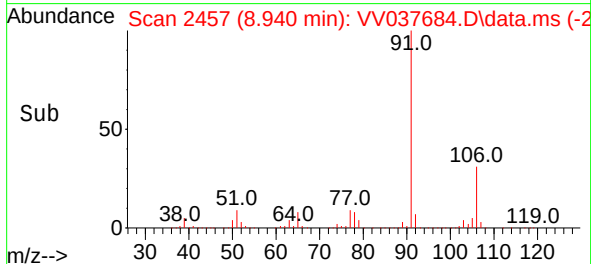
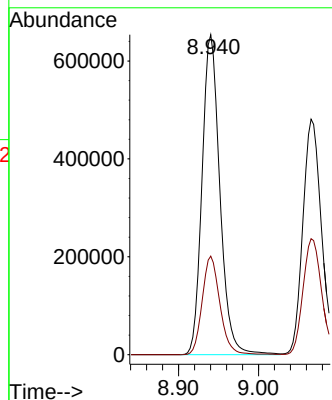
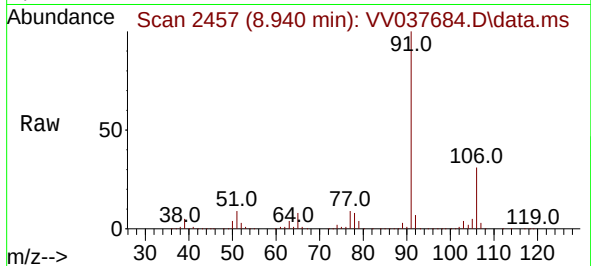




#52
Ethylbenzene
Concen: 49.537 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

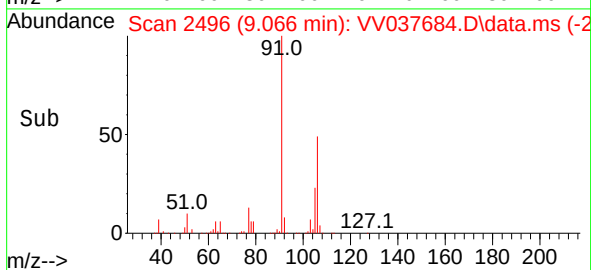
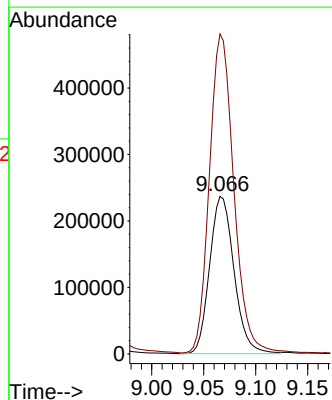
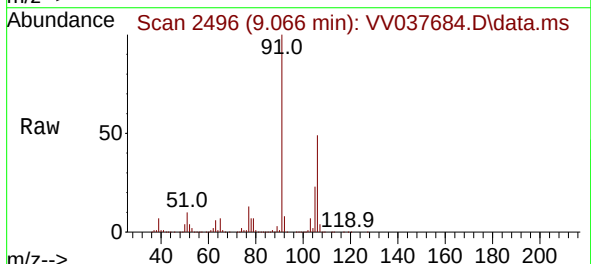
Instrument :
MSVOA_V
ClientSampleId :

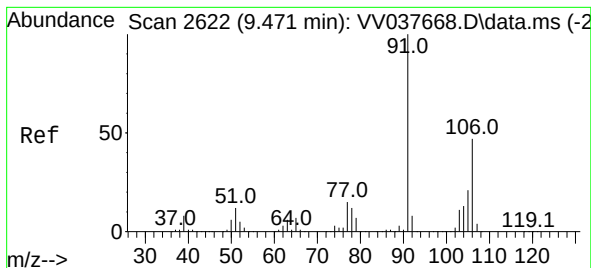
Tgt Ion: 91 Resp: 1015992
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 50.573 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt Ion:106 Resp: 386025
Ion Ratio Lower Upper
106 100
91 203.0 142.0 263.6





#54

o-Xylene

Concen: 51.448 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

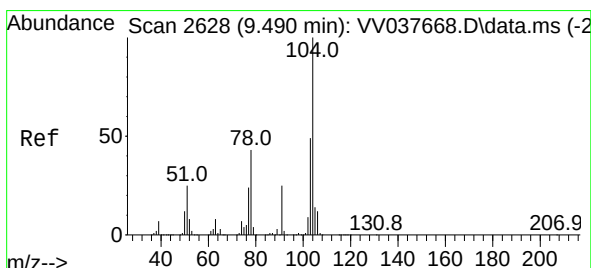
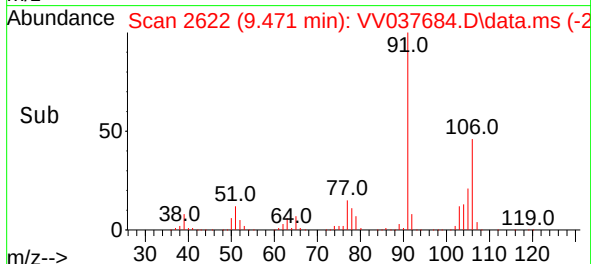
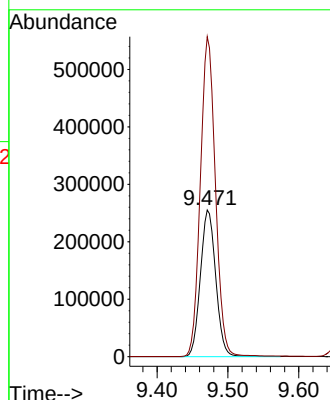
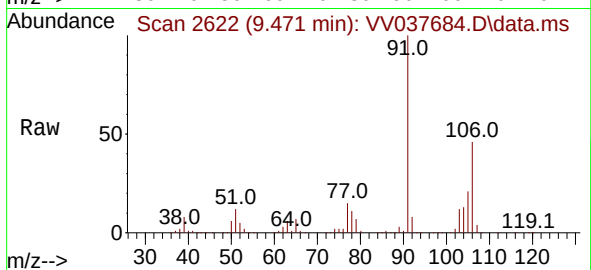
ClientSampleId :

Tgt Ion:106 Resp: 383398

Ion Ratio Lower Upper

106 100

91 218.2 153.9 285.9



#55

Styrene

Concen: 53.471 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037684.D

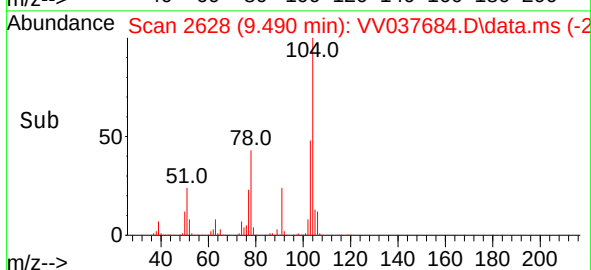
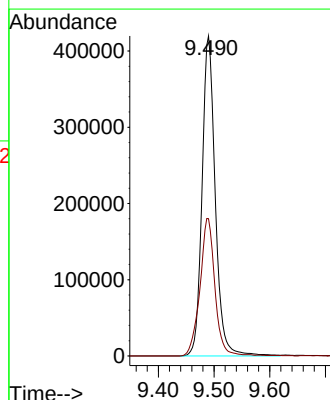
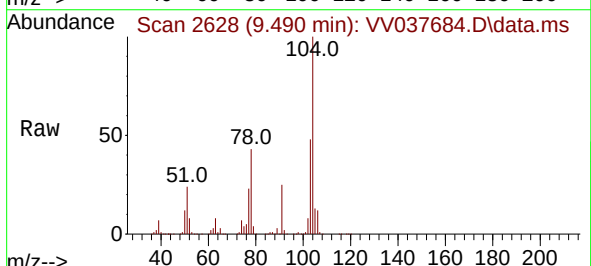
Acq: 01 Oct 2024 01:59

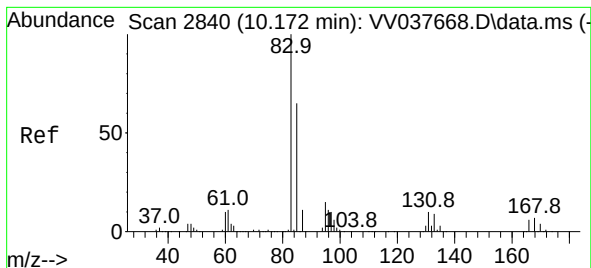
Tgt Ion:104 Resp: 693680

Ion Ratio Lower Upper

104 100

78 42.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.449 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

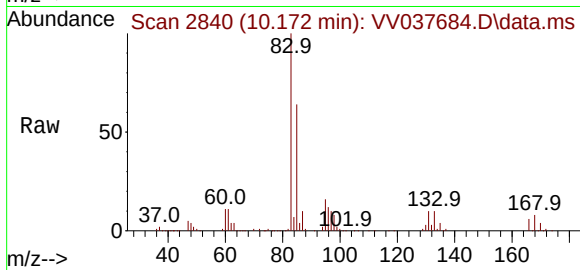
Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :



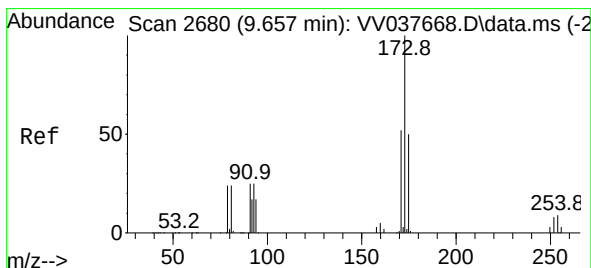
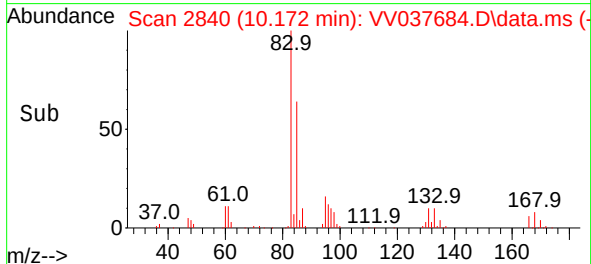
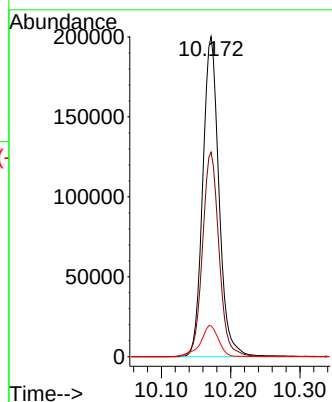
Tgt Ion: 83 Resp: 324742

Ion Ratio Lower Upper

83 100

85 63.9 45.9 85.3

131 9.7 7.9 11.9



#59

Bromoform

Concen: 54.989 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

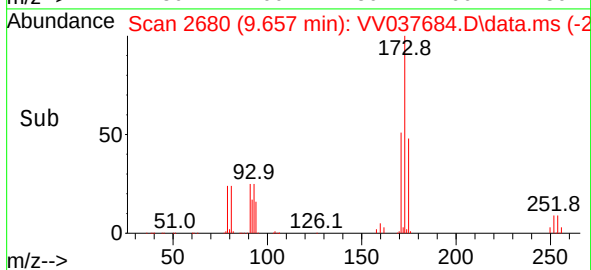
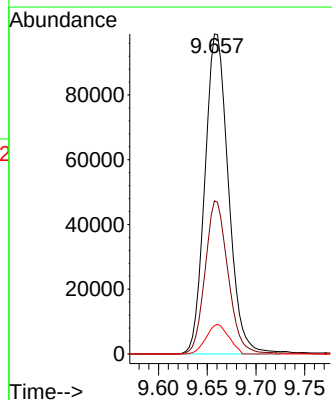
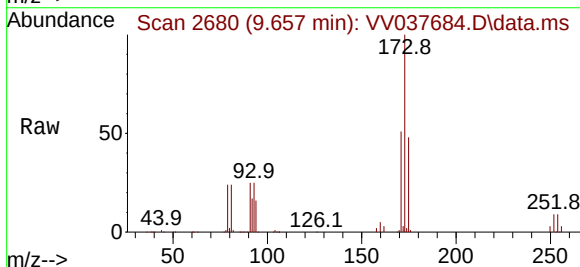
Tgt Ion: 173 Resp: 165999

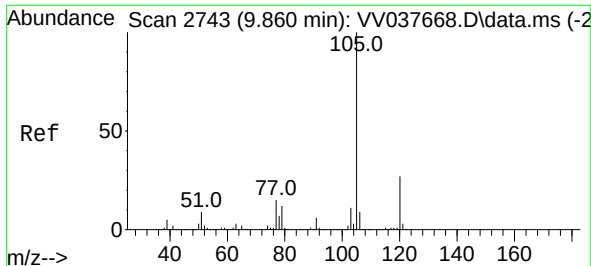
Ion Ratio Lower Upper

173 100

175 46.6 40.0 60.0

254 8.9 6.5 9.7

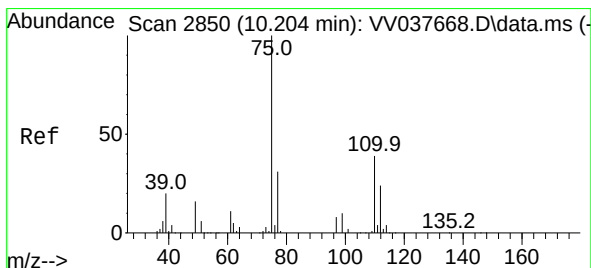
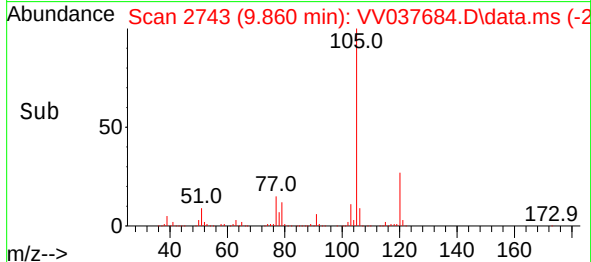
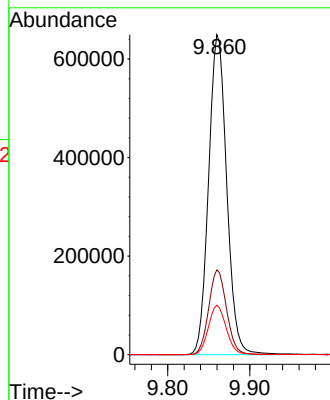
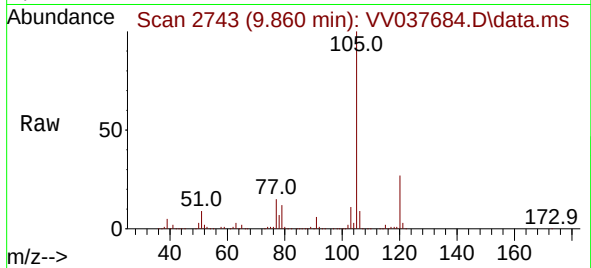




#60
Isopropylbenzene
Concen: 49.615 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

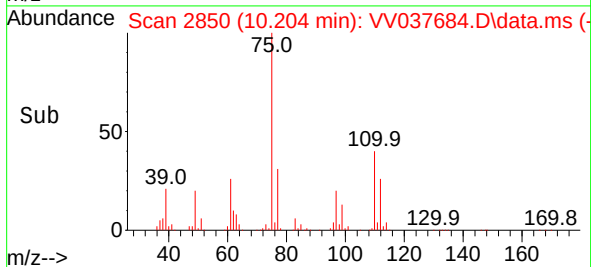
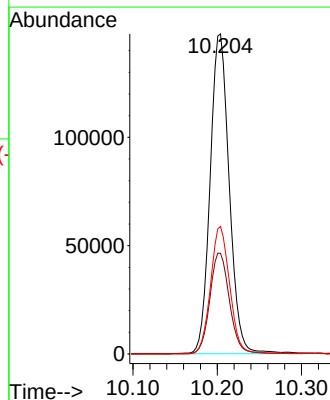
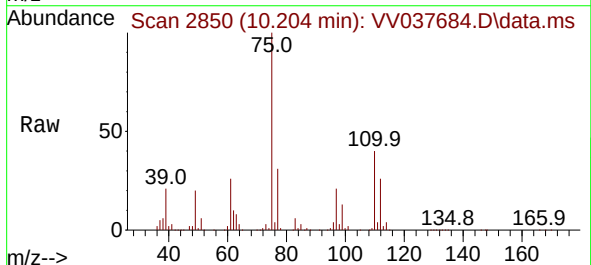
Instrument :
MSVOA_V
ClientSampleId :

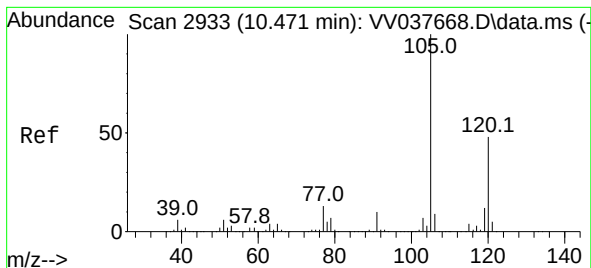
Tgt Ion:105 Resp: 996293
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 52.932 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037684.D
Acq: 01 Oct 2024 01:59

Tgt Ion: 75 Resp: 232637
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 40.2 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 50.190 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

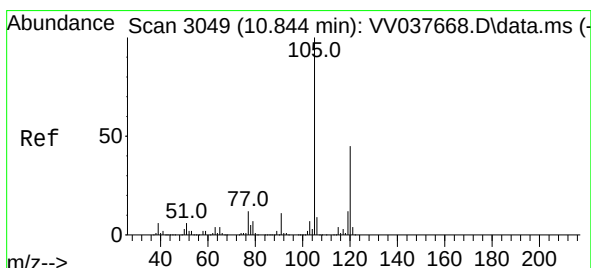
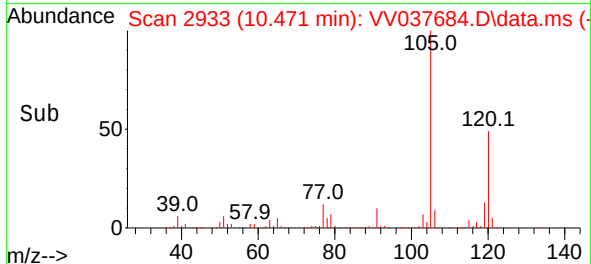
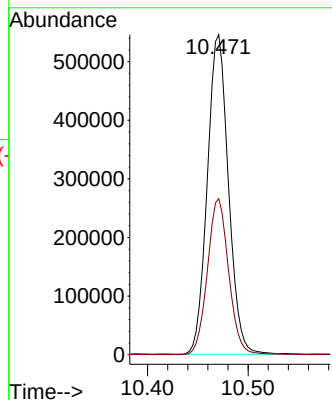
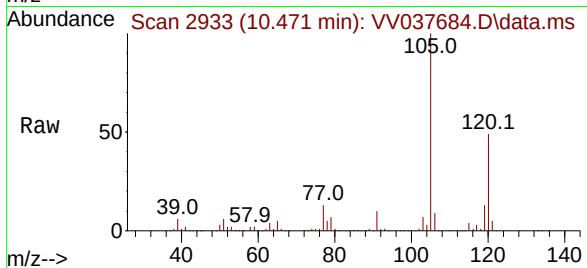
ClientSampleId :

Tgt Ion:105 Resp: 796807

Ion Ratio Lower Upper

105 100

120 48.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.967 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037684.D

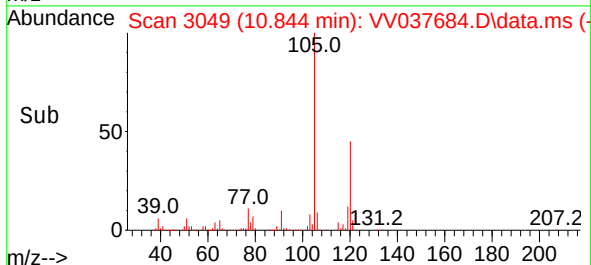
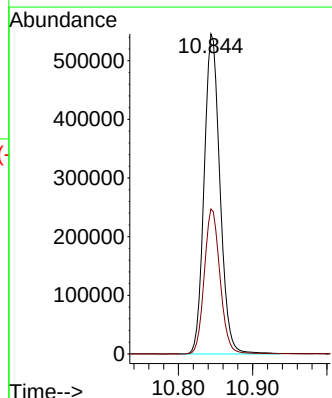
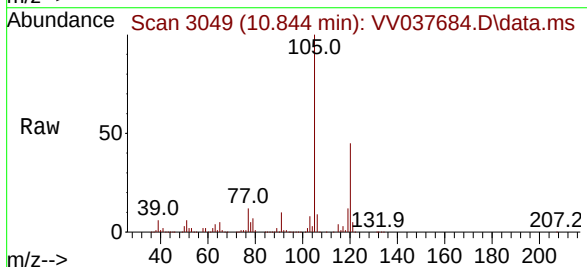
Acq: 01 Oct 2024 01:59

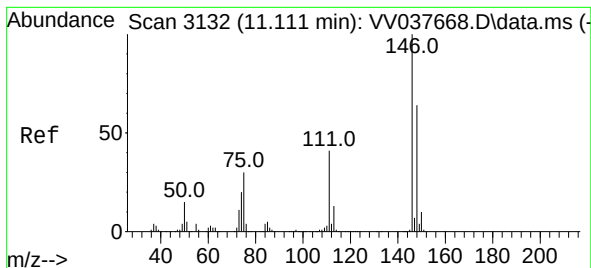
Tgt Ion:105 Resp: 805071

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 50.056 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

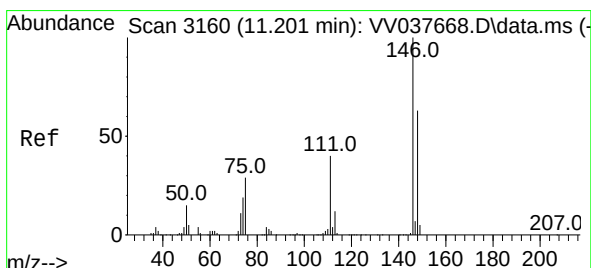
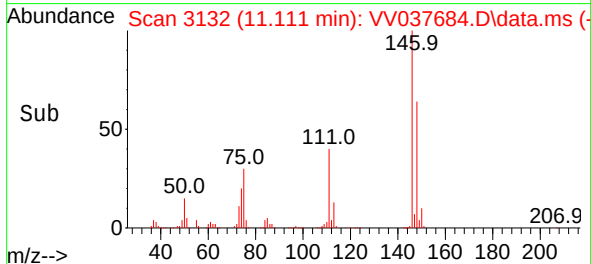
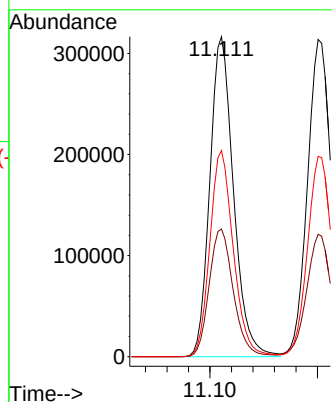
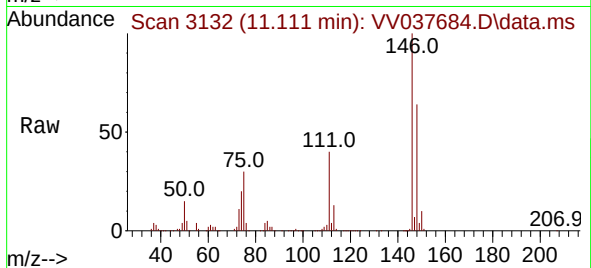
Tgt Ion:146 Resp: 483815

Ion Ratio Lower Upper

146 100

111 39.9 28.3 52.5

148 64.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.992 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

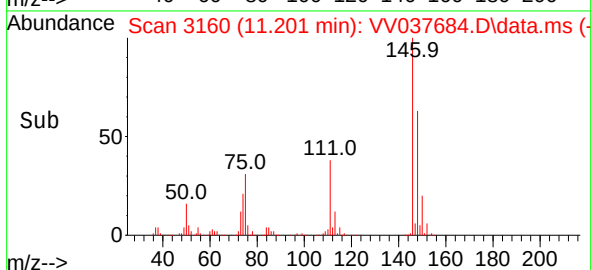
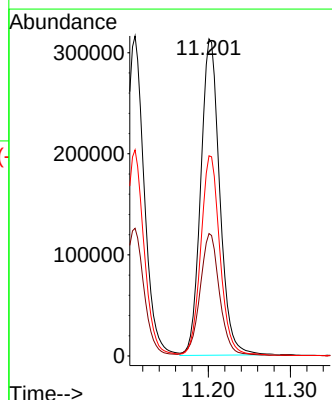
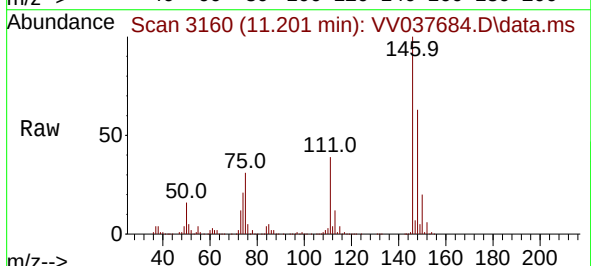
Tgt Ion:146 Resp: 503144

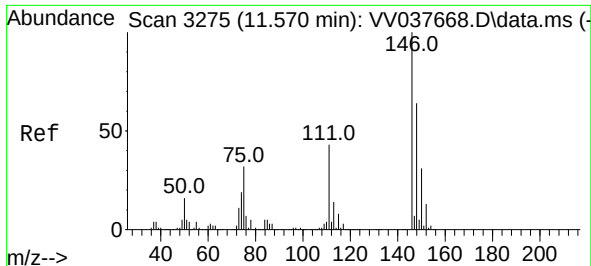
Ion Ratio Lower Upper

146 100

111 38.6 27.6 51.4

148 63.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.130 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

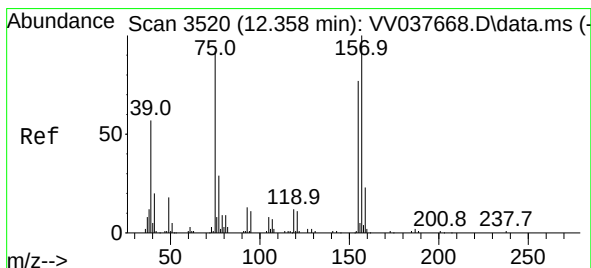
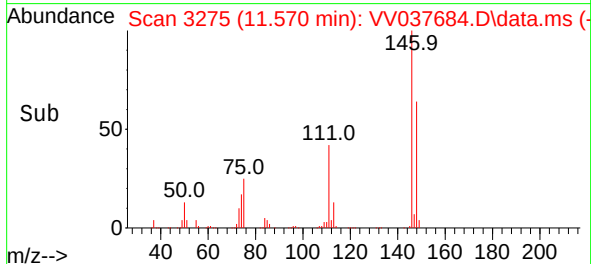
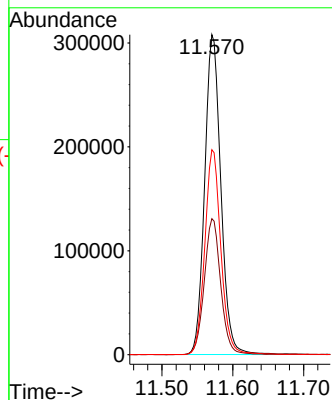
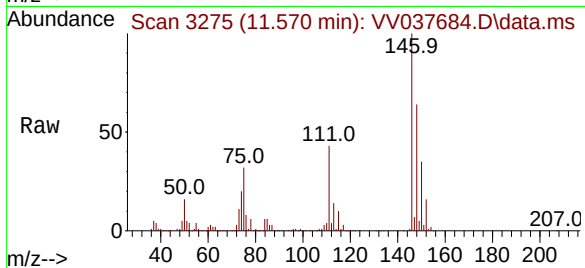
Tgt Ion:146 Resp: 488542

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.335 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

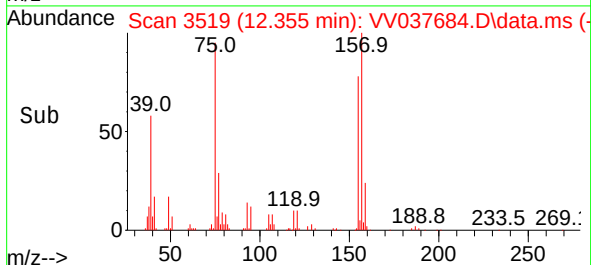
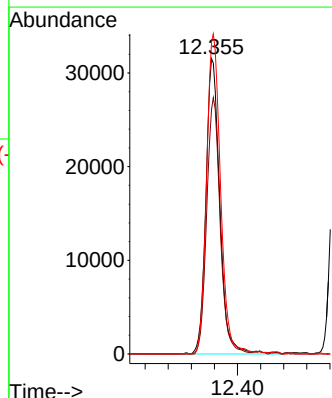
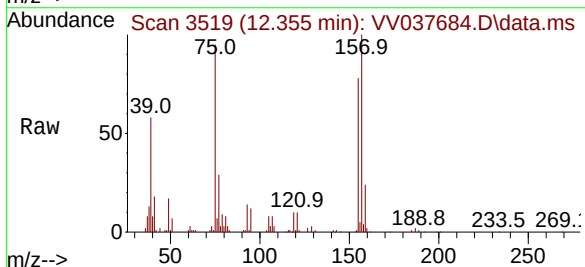
Tgt Ion: 75 Resp: 52634

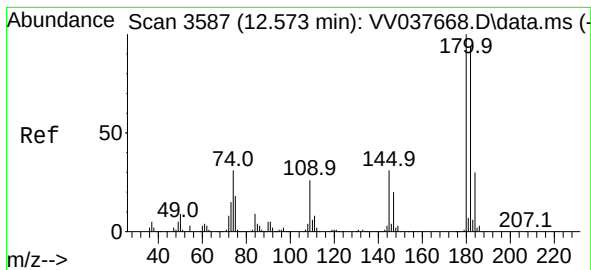
Ion Ratio Lower Upper

75 100

155 82.8 66.2 99.4

157 105.6 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.275 ug/L

RT: 12.574 min Scan# 314226

Delta R.T. 0.000 min

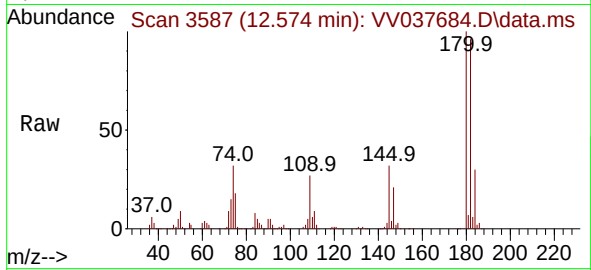
Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 314226

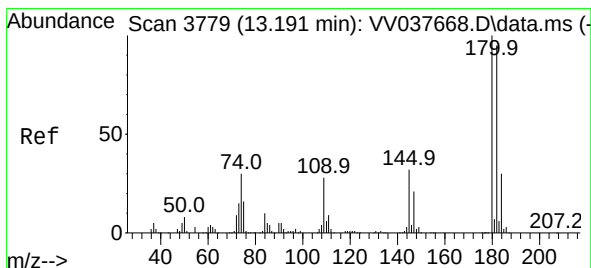
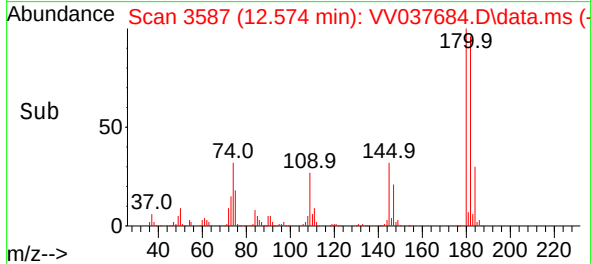
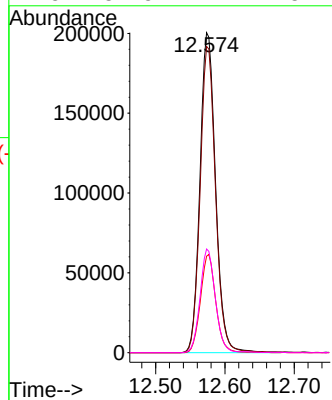
Ion Ratio Lower Upper

180 100

182 93.8 75.6 113.4

184 29.9 23.8 35.6

145 31.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.598 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

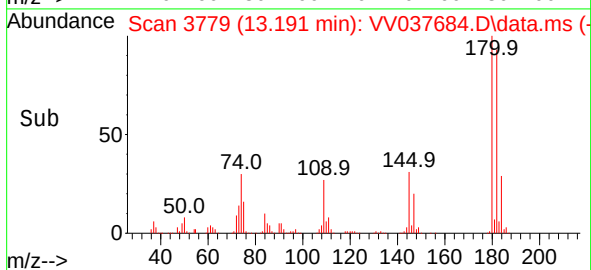
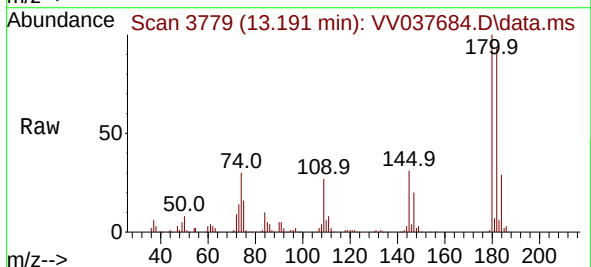
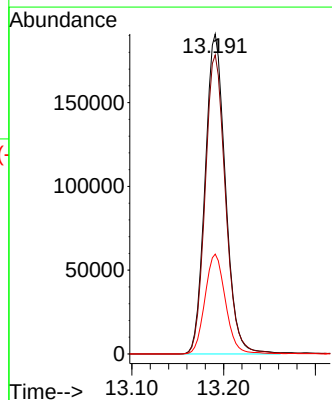
Tgt Ion:180 Resp: 293531

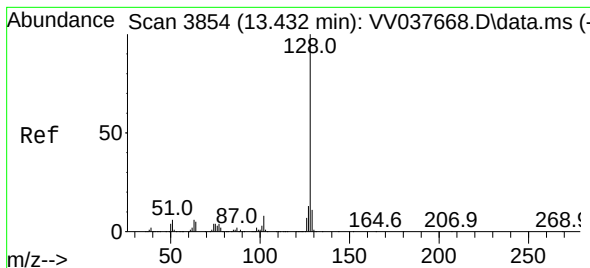
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 31.6 25.4 38.2





#71

Naphthalene

Concen: 48.020 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

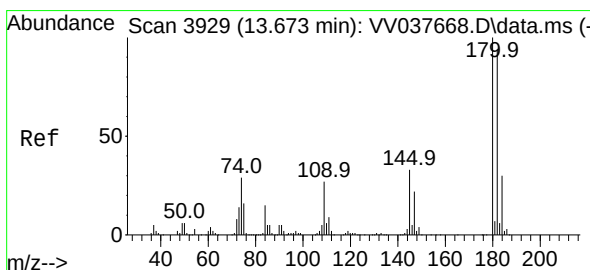
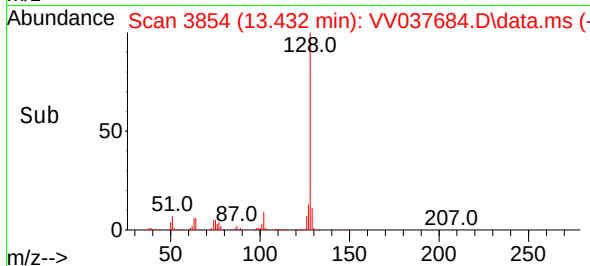
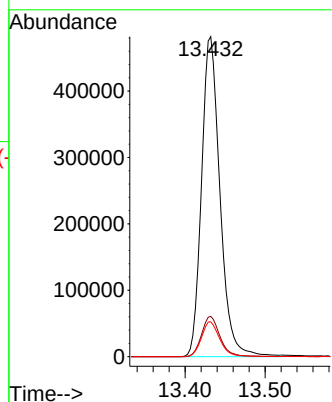
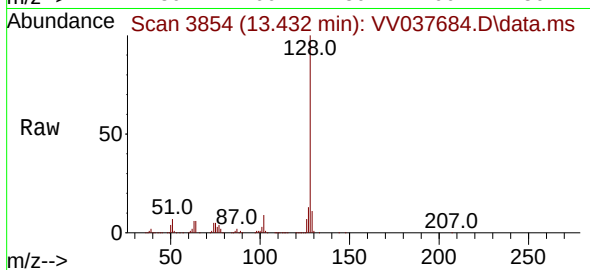
Tgt Ion:128 Resp: 773698

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.162 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037684.D

Acq: 01 Oct 2024 01:59

Tgt Ion:180 Resp: 293304

Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.8

145 33.6 26.2 39.4

