

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100324\
 Data File : VV037720.D
 Acq On : 03 Oct 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 03 05:55:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	597332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	586229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	324367	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	290038	55.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.620%
7) Chloroethane-d5	1.532	69	230893	56.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.460%
11) 1,1-Dichloroethene-d2	2.059	65	123382	56.320	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.640%
21) 2-Butanone-d5	3.786	46	191335	102.445	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.450%
24) Chloroform-d	4.239	84	522887	56.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.100%
26) 1,2-Dichloroethane-d4	4.931	65	303415	55.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.140%
32) Benzene-d6	4.950	84	1019983	55.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.200%
36) 1,2-Dichloropropane-d6	5.982	67	319281	54.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.320%
41) Toluene-d8	7.233	98	948965	57.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.100%
43) trans-1,3-Dichloroprop...	7.545	79	143795	52.992	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.980%
47) 2-Hexanone-d5	8.021	63	120554	97.737	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	357576	52.684	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	11.551	152	357486	52.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	268873	52.874	ug/L	99
3) Chloromethane	1.217	50	262245	53.120	ug/L	99
5) Vinyl chloride	1.285	62	276704	52.281	ug/L	99
6) Bromomethane	1.487	94	161103	54.849	ug/L	97
8) Chloroethane	1.548	64	172306	52.819	ug/L	99
9) Trichlorofluoromethane	1.712	101	384832	54.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	235961	55.426	ug/L	99
12) 1,1-Dichloroethene	2.069	96	213239	53.622	ug/L	91
13) Acetone	2.111	43	185638	101.392	ug/L	99
14) Carbon disulfide	2.240	76	618831	49.853	ug/L	100
15) Methyl Acetate	2.368	43	168427	52.713	ug/L	99
16) Methylene chloride	2.442	84	240006	53.302	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	221825	52.727	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	653137	54.113	ug/L	100
19) 1,1-Dichloroethane	3.104	63	433668	53.802	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	249337	52.962	ug/L	98
22) 2-Butanone	3.866	43	200851	99.112	ug/L	96
23) Bromochloromethane	4.137	128	131557	54.021	ug/L	99
25) Chloroform	4.265	83	453891	54.387	ug/L	99

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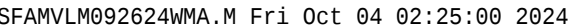
Instrument :
 MSVOA_V
 ClientSampleId :

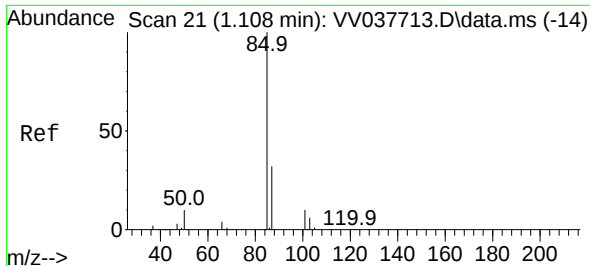
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 03 05:55:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	323460	54.902	ug/L	99
29) Cyclohexane	4.571	56	340303	51.127	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	383781	53.154	ug/L	99
31) Carbon tetrachloride	4.725	117	334781	53.332	ug/L	100
33) Benzene	5.001	78	954303	53.976	ug/L	100
34) Trichloroethene	5.825	95	245960	52.239	ug/L	98
35) Methylcyclohexane	6.040	83	376609	51.994	ug/L	98
37) 1,2-Dichloropropane	6.085	63	252512	55.309	ug/L	98
38) Bromodichloromethane	6.426	83	333083	54.576	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	395233	54.232	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	389025	104.654	ug/L	99
42) Toluene	7.307	91	1007956	54.993	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	351255	53.535	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	235531	53.728	ug/L	99
46) Tetrachloroethene	7.898	164	190183	52.830	ug/L	98
48) 2-Hexanone	8.069	43	290262	100.421	ug/L	98
49) Dibromochloromethane	8.169	129	253549	54.648	ug/L	99
50) 1,2-Dibromoethane	8.275	107	234412	51.729	ug/L	100
51) Chlorobenzene	8.805	112	660219	52.871	ug/L	99
52) Ethylbenzene	8.937	91	1107665	53.687	ug/L	99
53) m,p-Xylene	9.066	106	423512	55.156	ug/L	100
54) o-Xylene	9.471	106	408671	54.515	ug/L	97
55) Styrene	9.487	104	740088	56.711	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.168	83	318972	52.188	ug/L	96
59) Bromoform	9.657	173	163120	51.453	ug/L	98
60) Isopropylbenzene	9.860	105	1113313	52.793	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	230625	49.967	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	882368	52.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	875888	52.800	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	530494	52.263	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	545356	51.597	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	518777	51.700	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53042	47.341	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	351561	50.365	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	310947	48.013	ug/L	100
71) Naphthalene	13.432	128	757504	44.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	310879	48.609	ug/L	99

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

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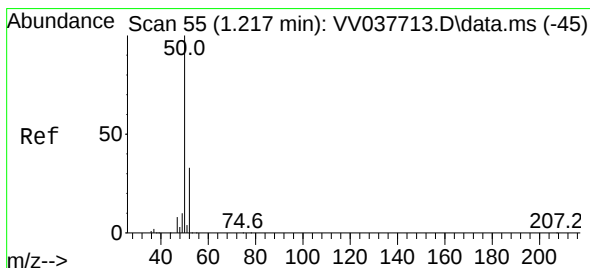
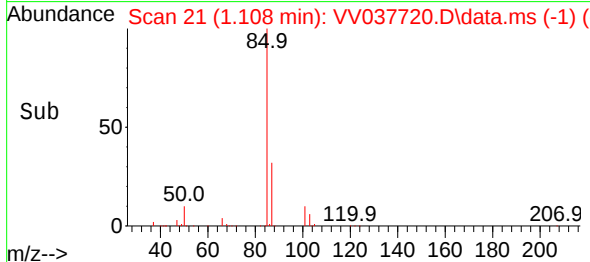
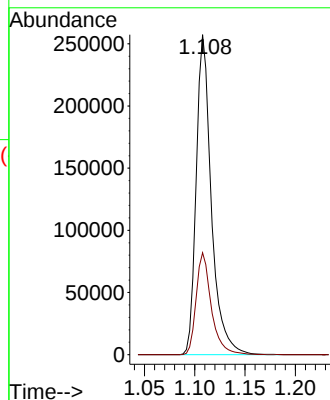
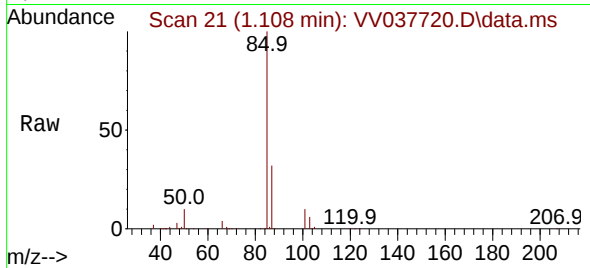




#2
Dichlorodifluoromethane
Concen: 52.874 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

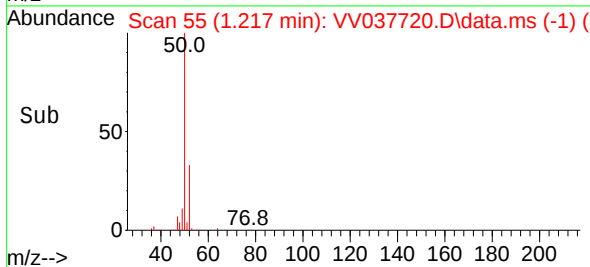
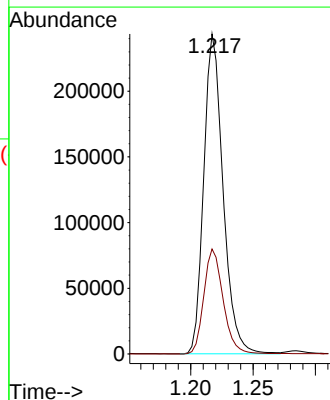
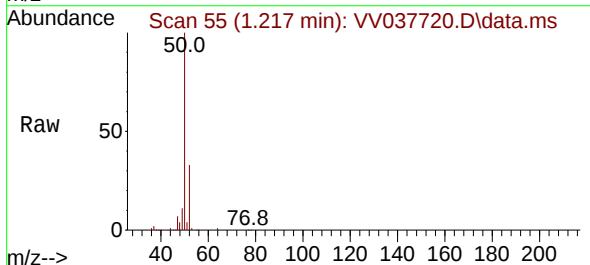
Instrument :
MSVOA_V
ClientSampleId :

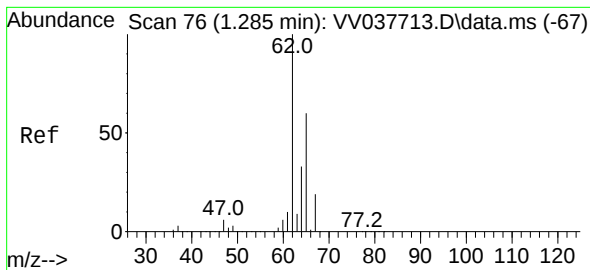
Tgt Ion: 85 Resp: 268873
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 53.120 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 50 Resp: 262245
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2





#5

Vinyl chloride

Concen: 52.281 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

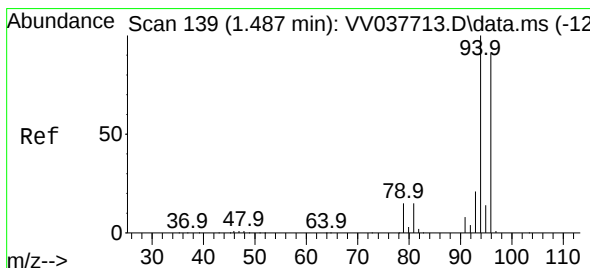
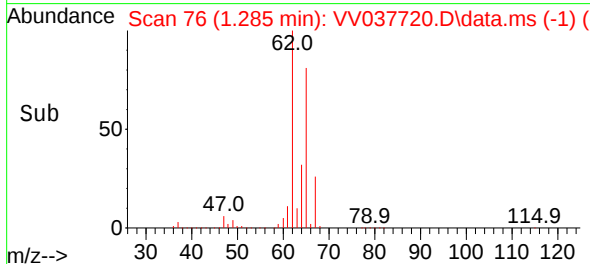
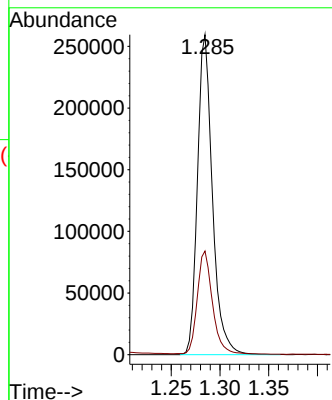
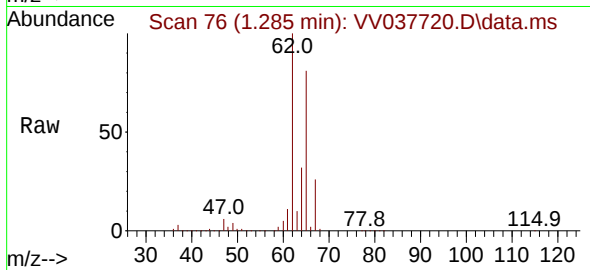
ClientSampleId :

Tgt Ion: 62 Resp: 276704

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.0



#6

Bromomethane

Concen: 54.849 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037720.D

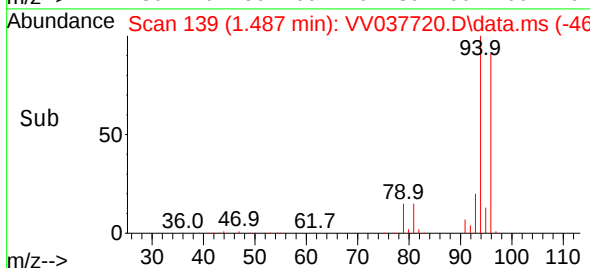
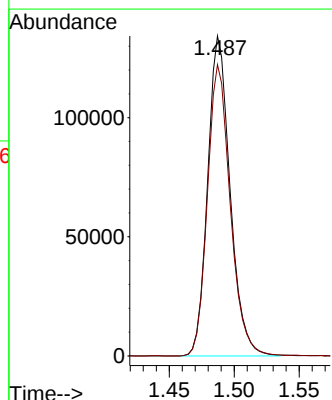
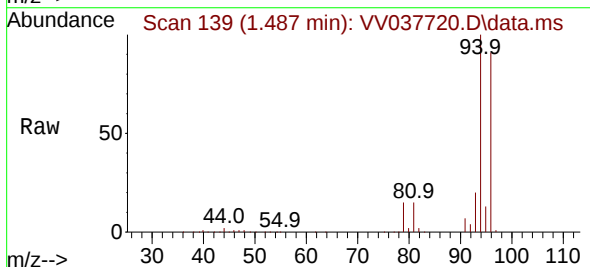
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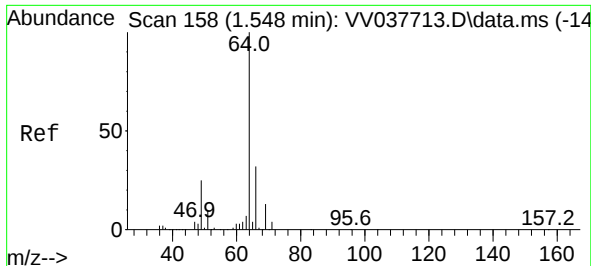
Tgt Ion: 94 Resp: 161103

Ion Ratio Lower Upper

94 100

96 91.0 65.8 122.2

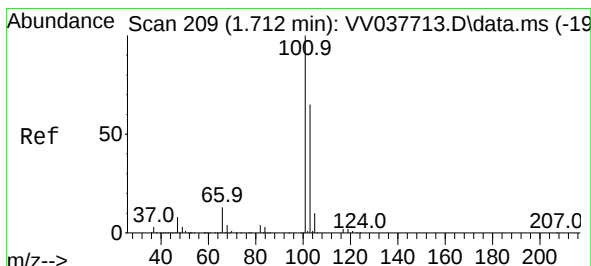
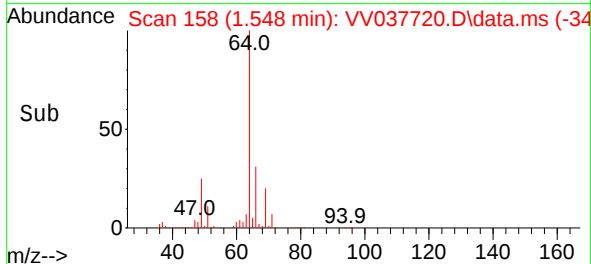
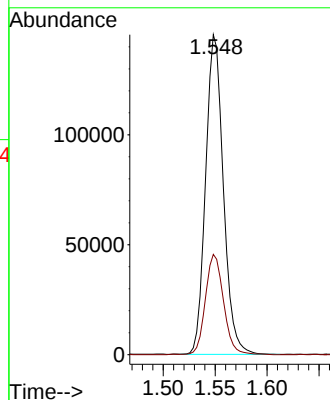
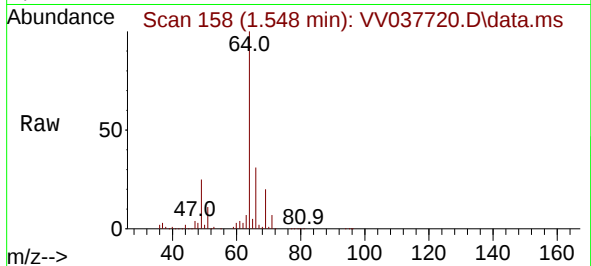




#8
Chloroethane
Concen: 52.819 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

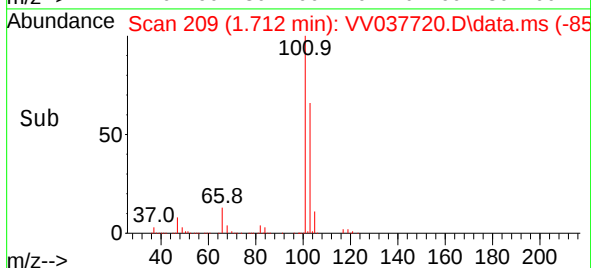
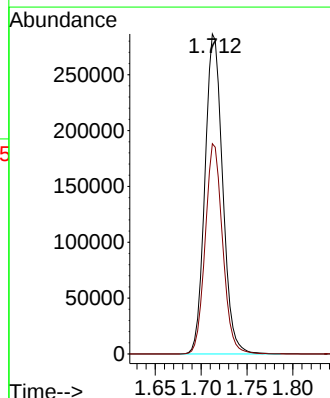
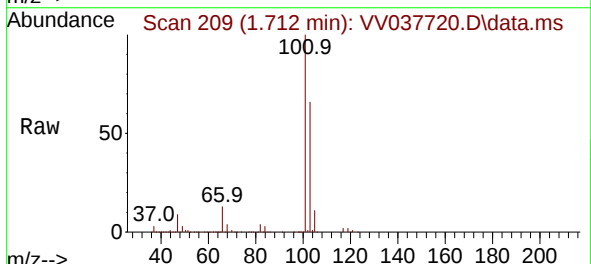
Instrument :
MSVOA_V
ClientSampleId :

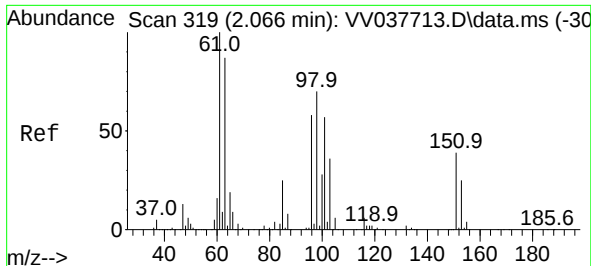
Tgt Ion: 64 Resp: 172306
Ion Ratio Lower Upper
64 100
66 31.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 54.017 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion:101 Resp: 384832
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

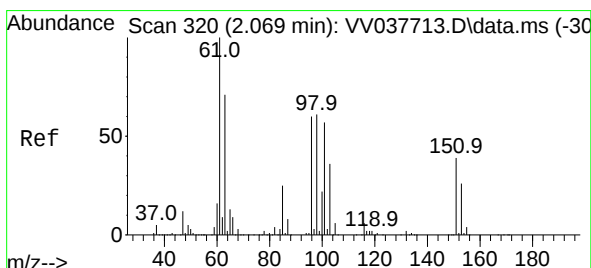
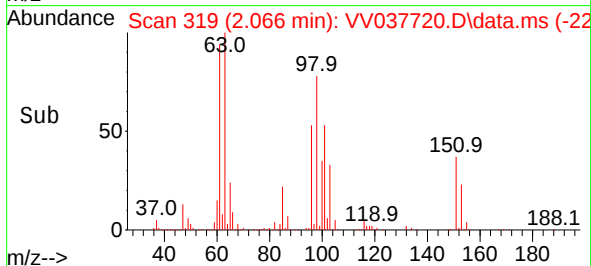
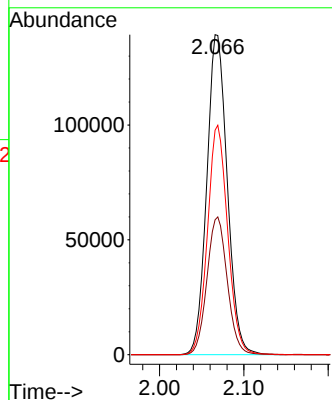
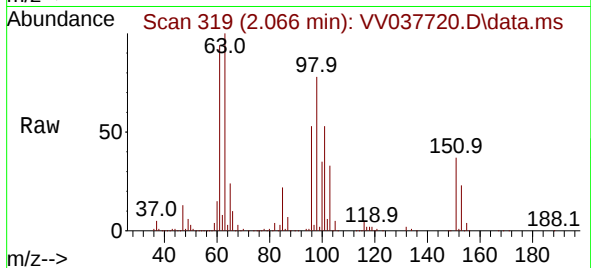




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.426 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

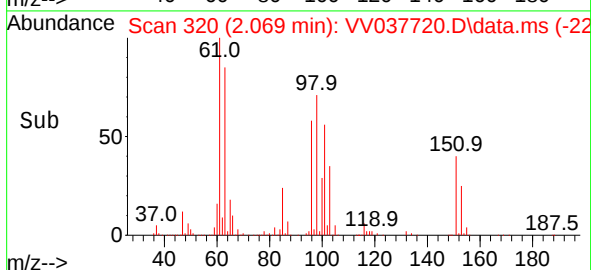
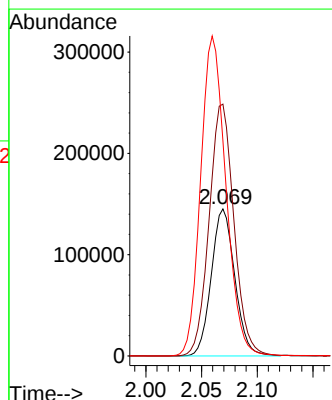
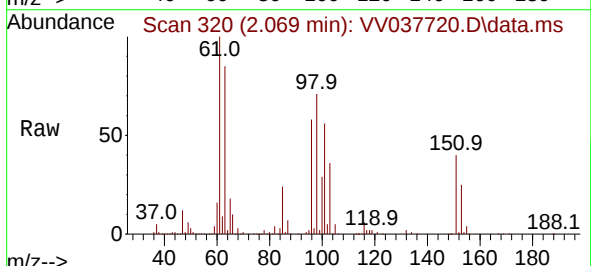
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ClientSampleId :

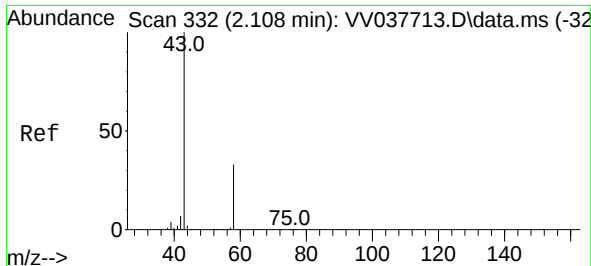
Tgt Ion:101 Resp: 235961
Ion Ratio Lower Upper
101 100
85 42.7 34.6 52.0
151 70.7 57.5 86.3



#12
1,1-Dichloroethene
Concen: 53.622 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 96 Resp: 213239
Ion Ratio Lower Upper
96 100
61 171.2 122.6 227.6
63 146.3 118.0 219.2





#13

Acetone

Concen: 101.392 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

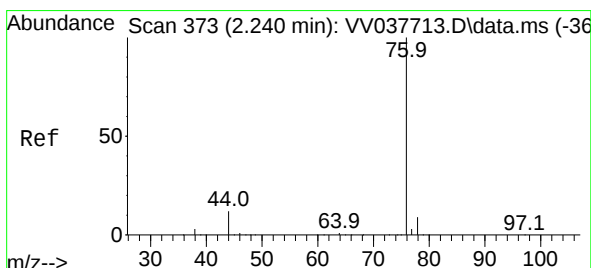
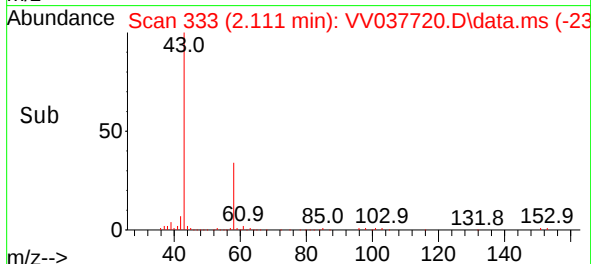
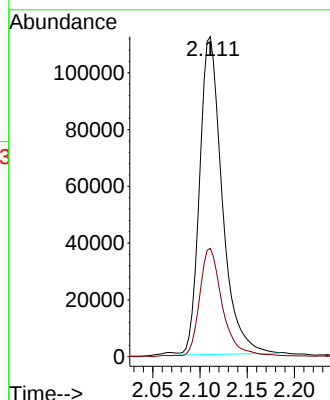
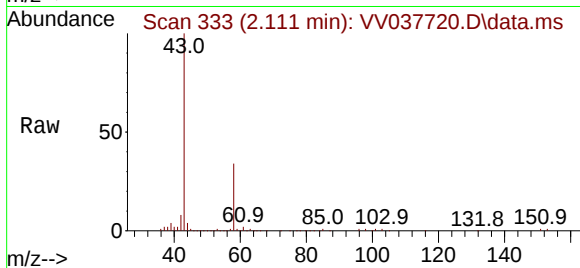
ClientSampleId :

Tgt Ion: 43 Resp: 185638

Ion Ratio Lower Upper

43 100

58 34.1 0.0 66.6



#14

Carbon disulfide

Concen: 49.853 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037720.D

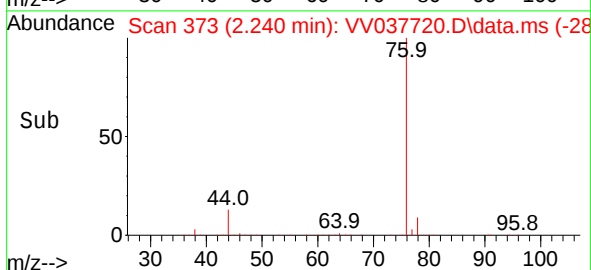
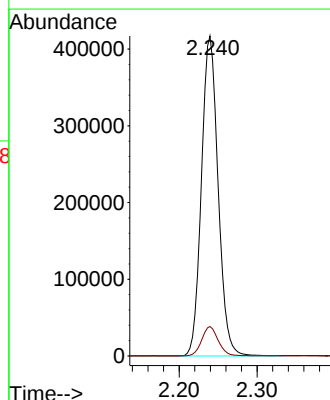
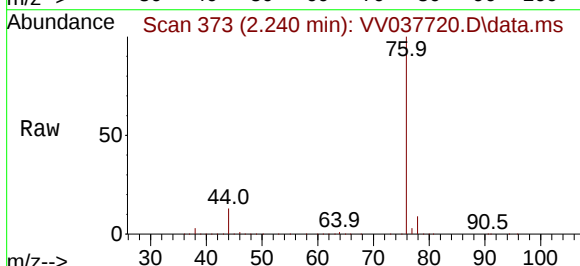
Acq: 03 Oct 2024 08:19

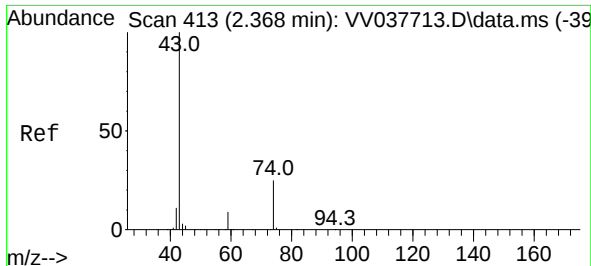
Tgt Ion: 76 Resp: 618831

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 52.713 ug/L

RT: 2.368 min Scan# 413

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

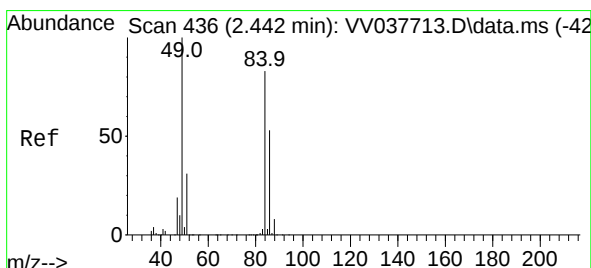
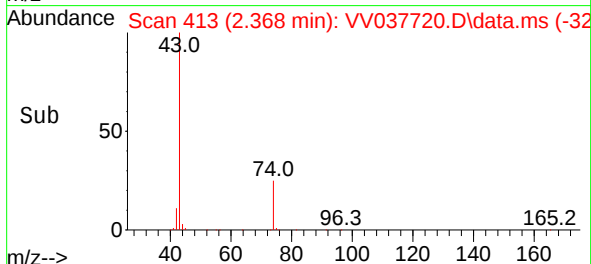
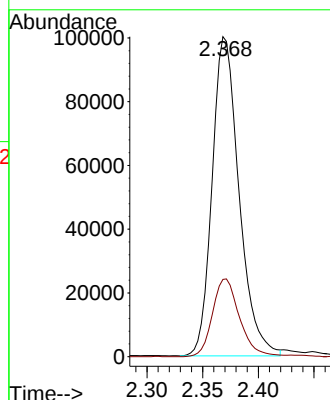
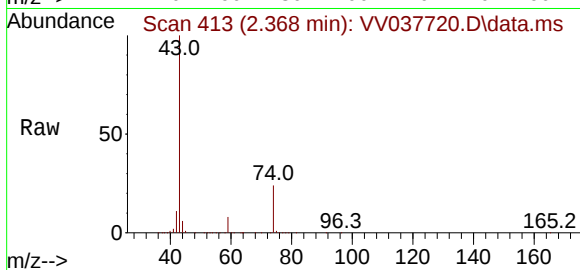
ClientSampleId :

Tgt Ion: 43 Resp: 168427

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



#16

Methylene chloride

Concen: 53.302 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

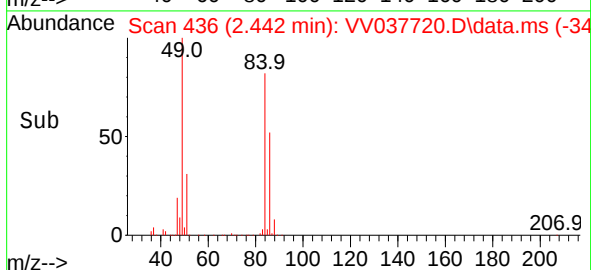
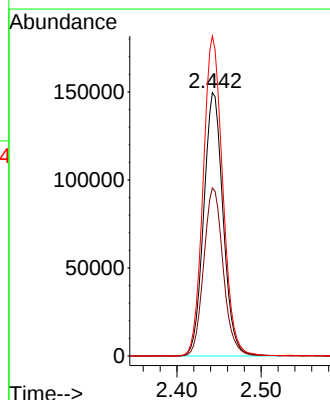
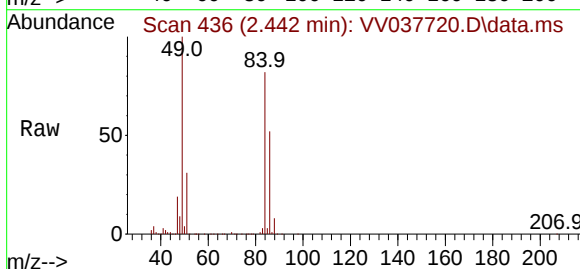
Tgt Ion: 84 Resp: 240006

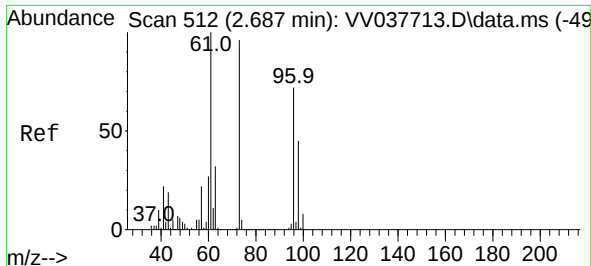
Ion Ratio Lower Upper

84 100

86 63.8 46.4 86.2

49 121.5 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 52.727 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

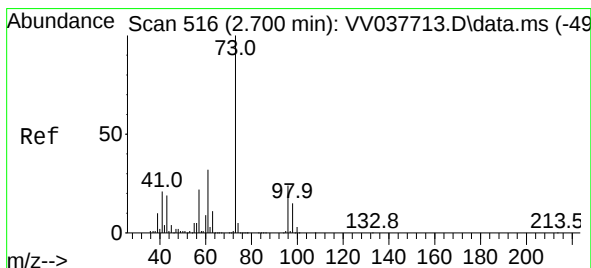
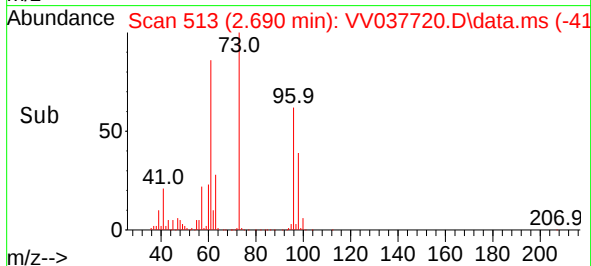
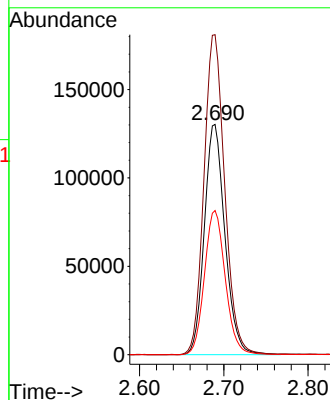
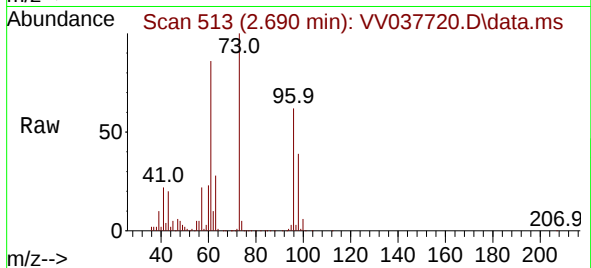
Tgt Ion: 96 Resp: 221825

Ion Ratio Lower Upper

96 100

61 139.0 97.3 180.7

98 62.6 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 54.113 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

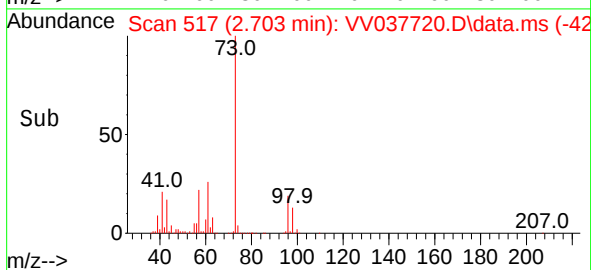
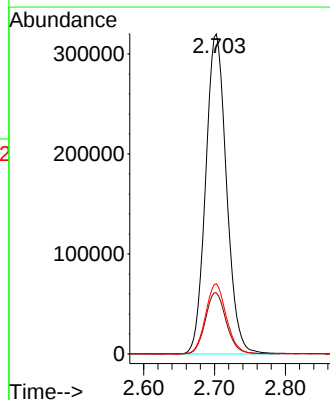
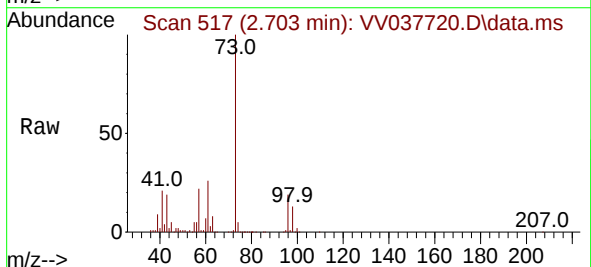
Tgt Ion: 73 Resp: 653137

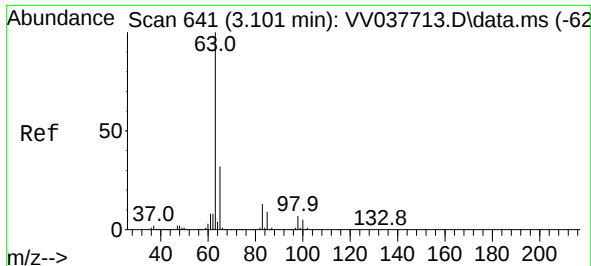
Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

57 22.0 17.4 26.2

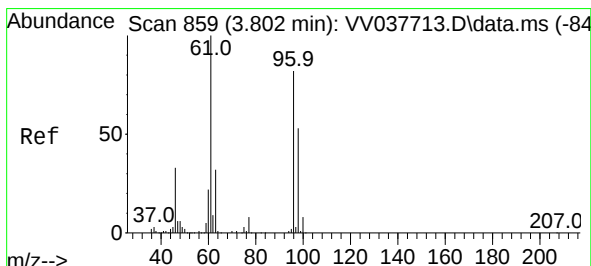
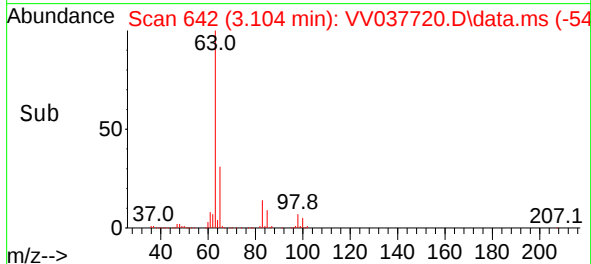
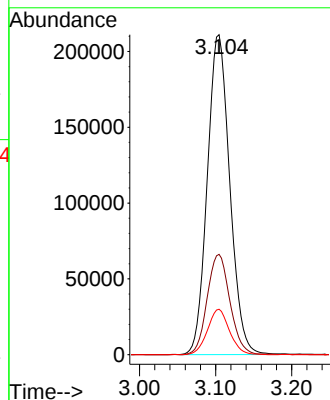
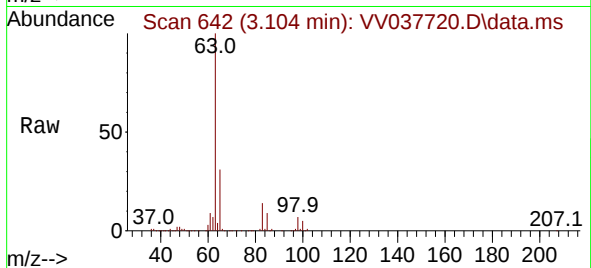




#19
1,1-Dichloroethane
Concen: 53.802 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

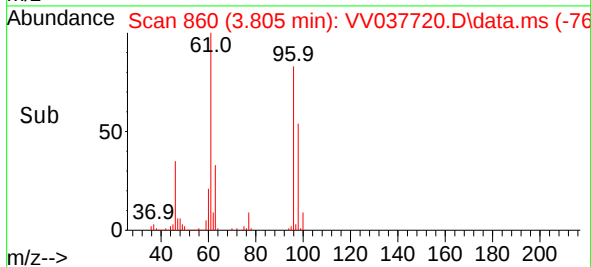
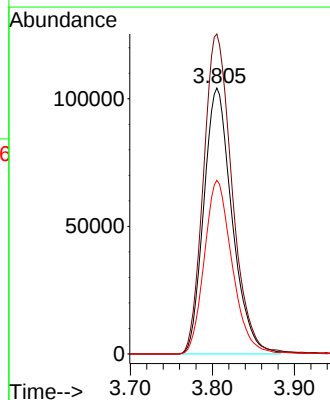
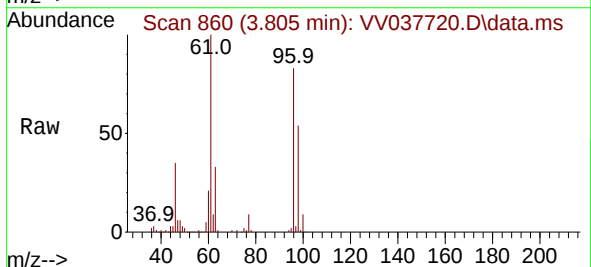
Instrument :
MSVOA_V
ClientSampleId :

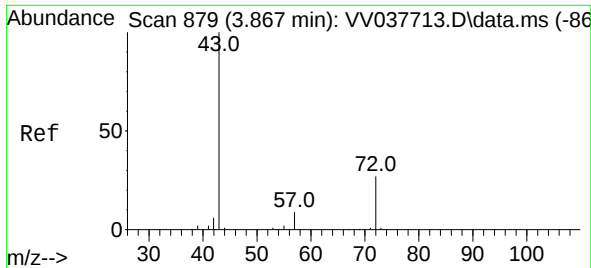
Tgt Ion: 63 Resp: 433668
Ion Ratio Lower Upper
63 100
65 31.3 22.4 41.6
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.962 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 96 Resp: 249337
Ion Ratio Lower Upper
96 100
61 120.3 85.0 157.8
98 65.3 44.2 82.0

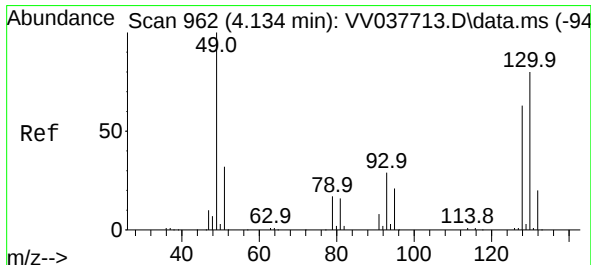
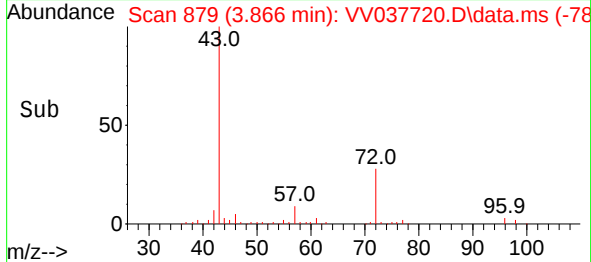
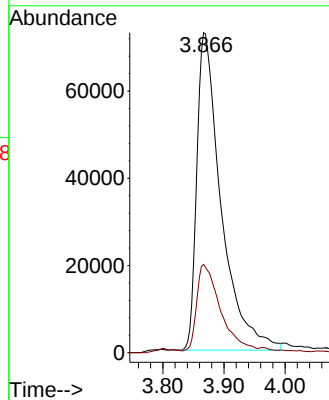
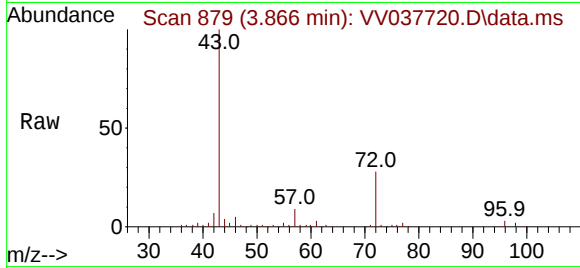




#22
2-Butanone
Concen: 99.112 ug/L
RT: 3.866 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

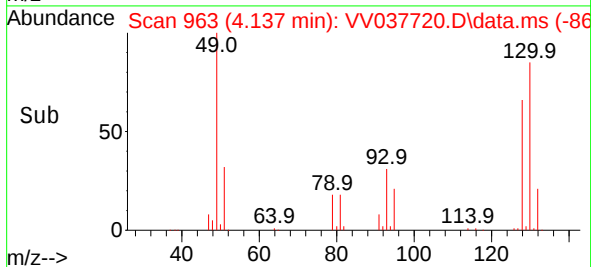
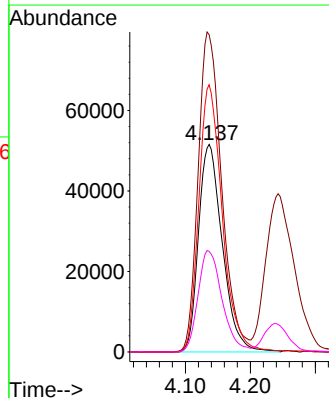
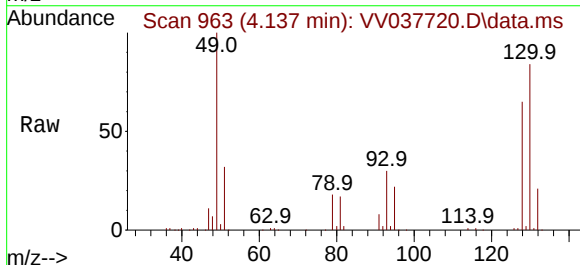
Instrument :
MSVOA_V
ClientSampleId :

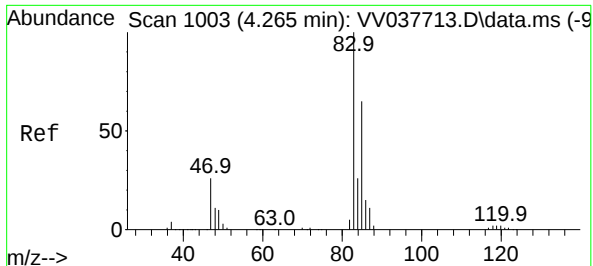
Tgt Ion: 43 Resp: 200851
Ion Ratio Lower Upper
43 100
72 26.3 14.3 42.9



#23
Bromochloromethane
Concen: 54.021 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion:128 Resp: 131557
Ion Ratio Lower Upper
128 100
49 152.9 108.7 201.9
130 128.8 90.4 168.0
51 48.5 39.2 58.8





#25

Chloroform

Concen: 54.387 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

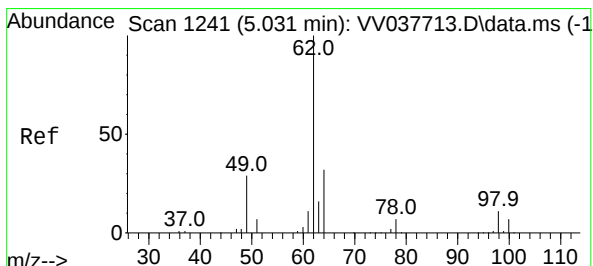
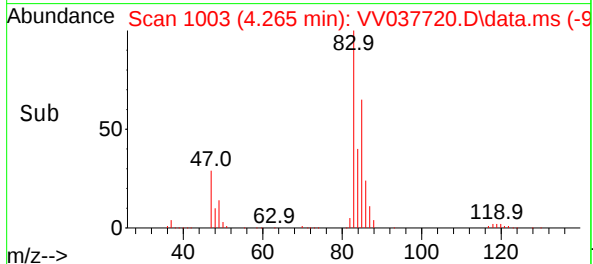
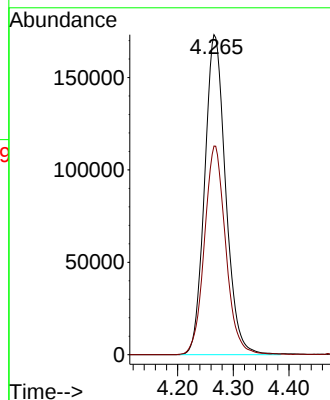
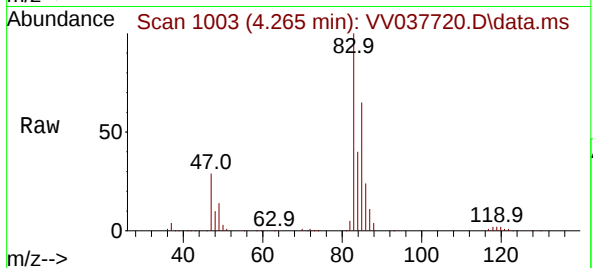
ClientSampleId :

Tgt Ion: 83 Resp: 453891

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.902 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VV037720.D

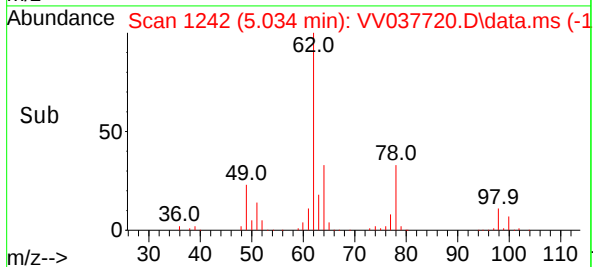
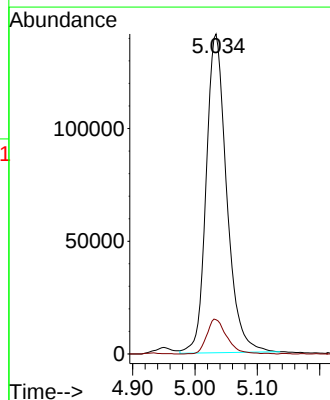
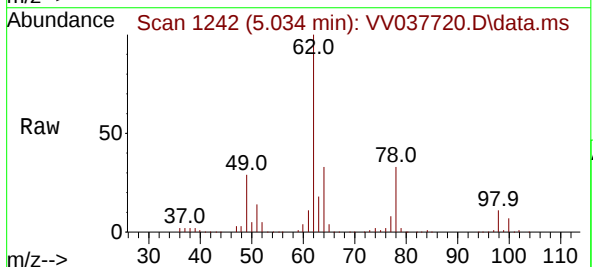
Acq: 03 Oct 2024 08:19

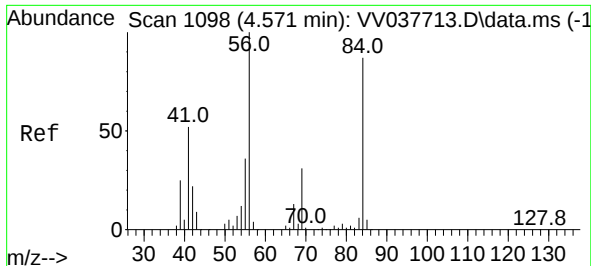
Tgt Ion: 62 Resp: 323460

Ion Ratio Lower Upper

62 100

98 10.7 8.4 12.6





#29

Cyclohexane

Concen: 51.127 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

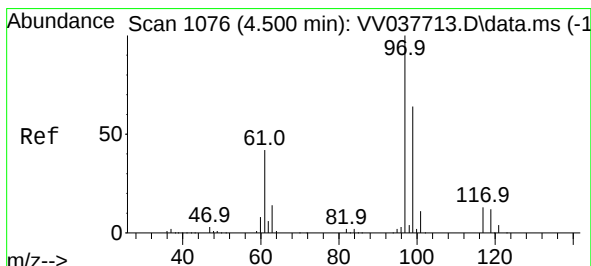
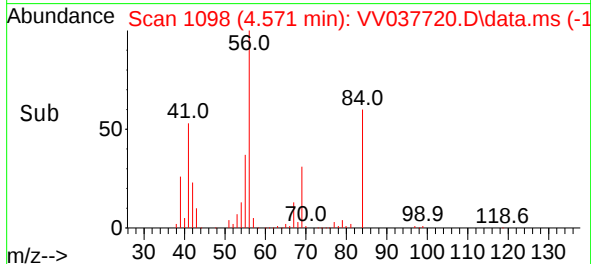
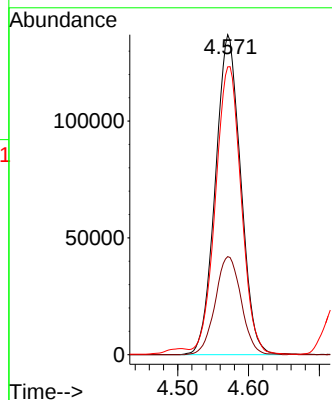
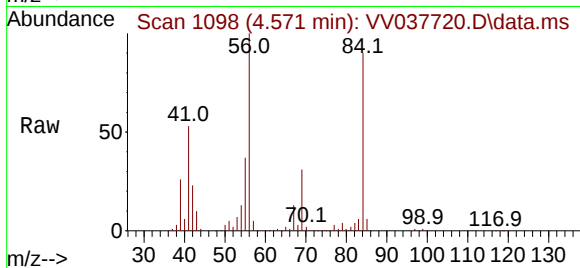
Tgt Ion: 56 Resp: 340303

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 91.3 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 53.154 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

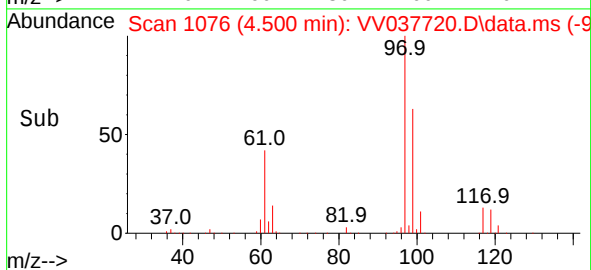
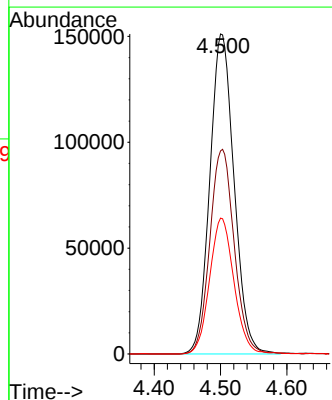
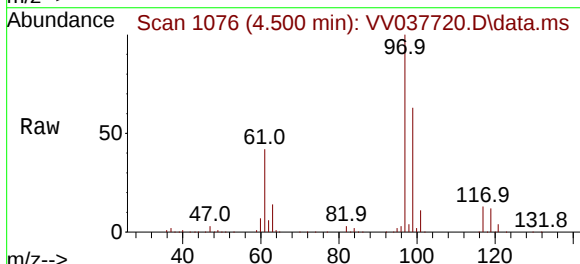
Tgt Ion: 97 Resp: 383781

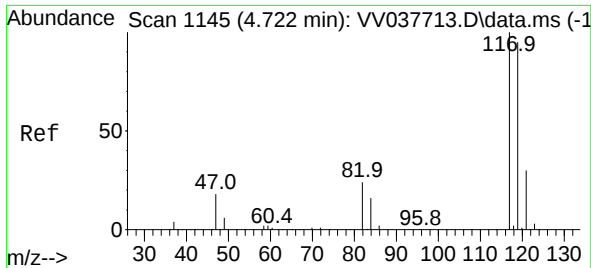
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 42.6 33.6 50.4

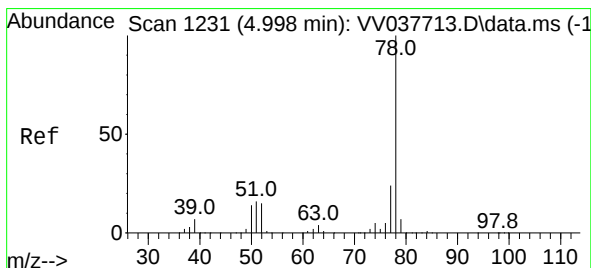
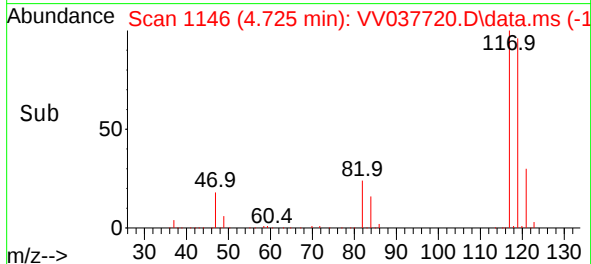
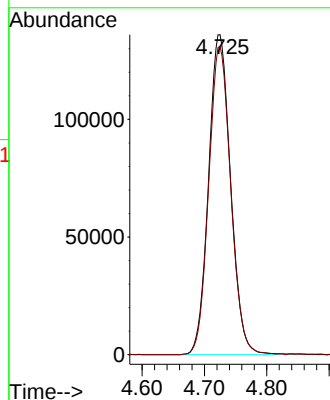
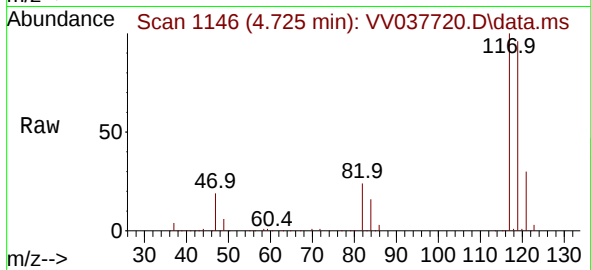




#31
Carbon tetrachloride
Concen: 53.332 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

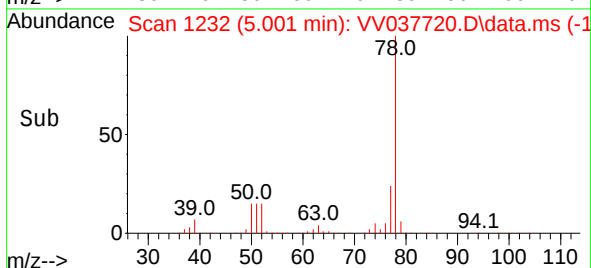
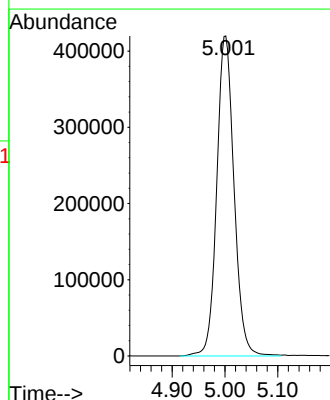
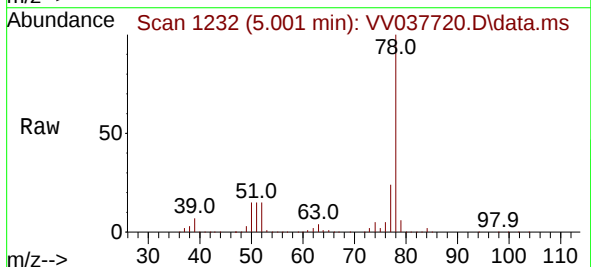
Instrument :
MSVOA_V
ClientSampleId :

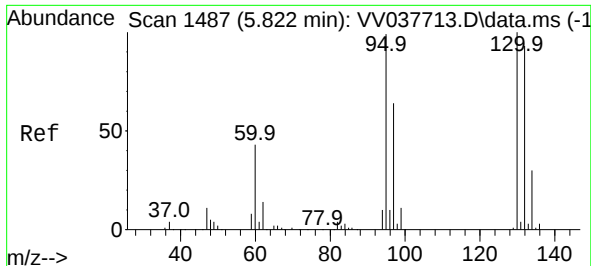
Tgt Ion:117 Resp: 334781
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 53.976 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

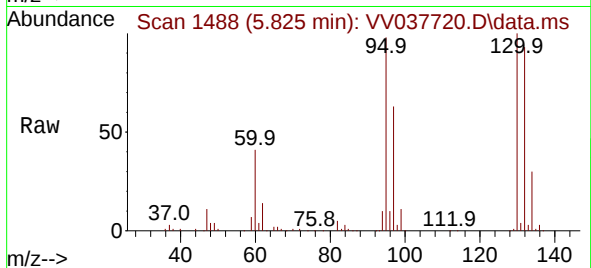
Tgt Ion: 78 Resp: 954303



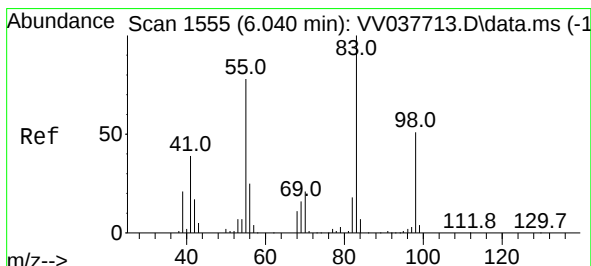
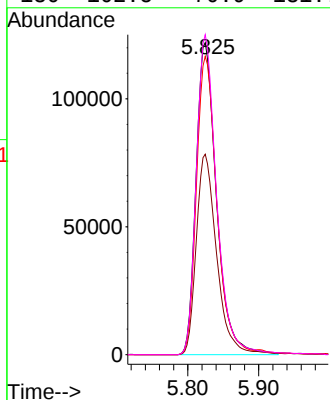
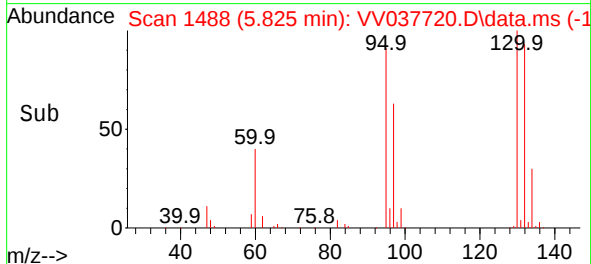


#34
Trichloroethene
Concen: 52.239 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

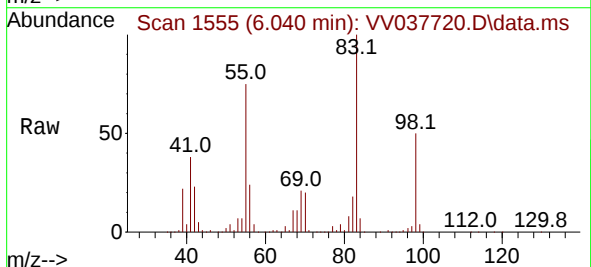
Instrument :
MSVOA_V
ClientSampleId :



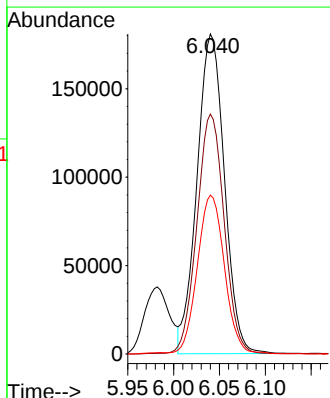
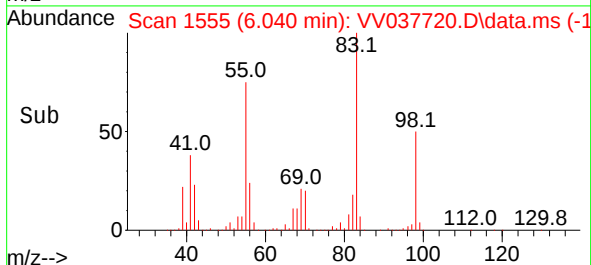
Tgt Ion: 95 Resp: 245960
Ion Ratio Lower Upper
95 100
97 64.2 46.3 85.9
132 95.6 68.6 127.4
130 102.5 70.9 131.7

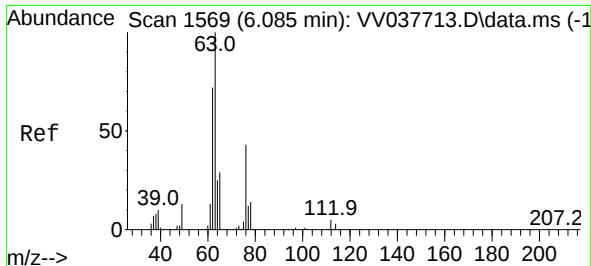


#35
Methylcyclohexane
Concen: 51.994 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19



Tgt Ion: 83 Resp: 376609
Ion Ratio Lower Upper
83 100
55 74.7 57.9 86.9
98 49.2 39.3 58.9

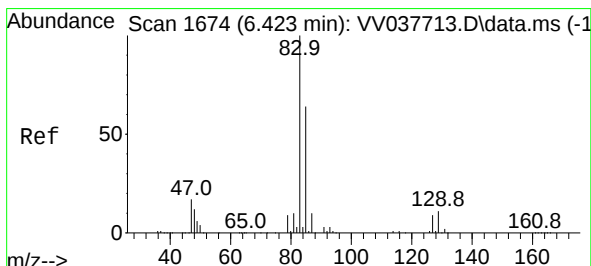
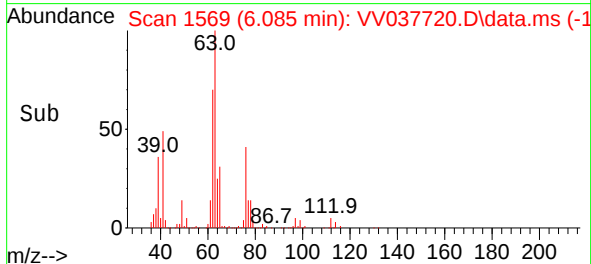
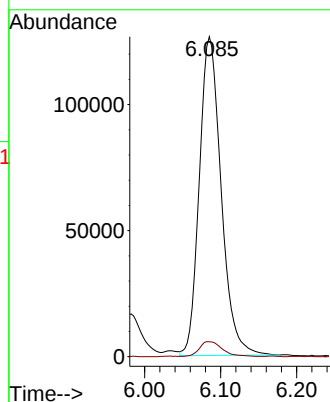
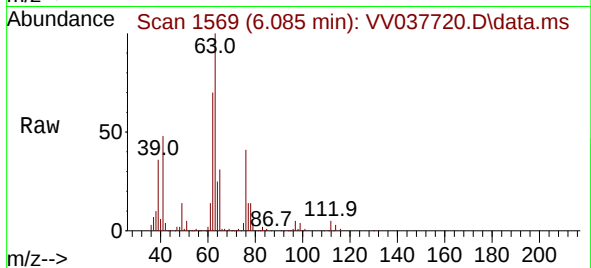




#37
1,2-Dichloropropane
Concen: 55.309 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

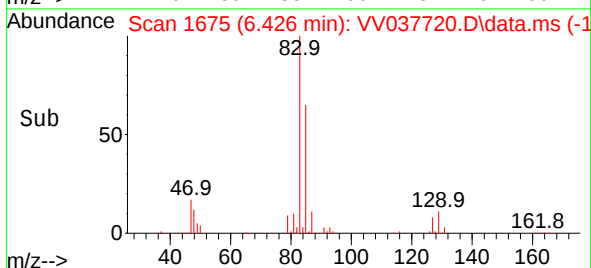
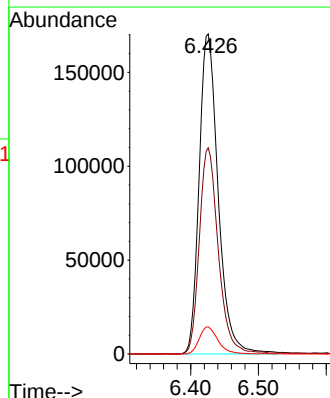
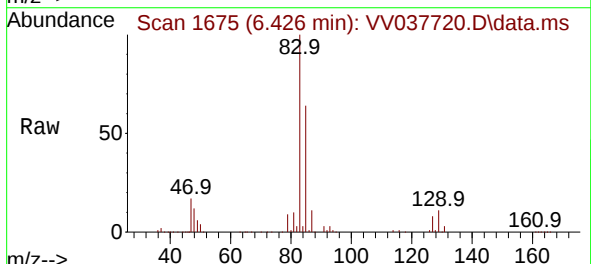
Instrument :
MSVOA_V
ClientSampleId :

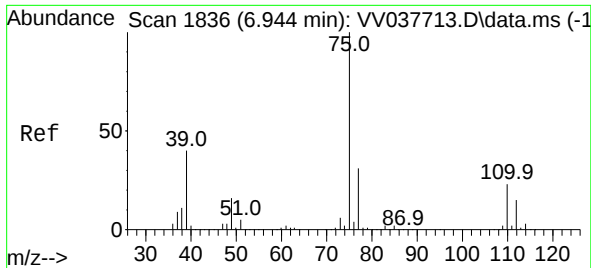
Tgt Ion: 63 Resp: 252512
Ion Ratio Lower Upper
63 100
112 5.1 3.5 5.3



#38
Bromodichloromethane
Concen: 54.576 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 83 Resp: 333083
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9
127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 54.232 ug/L

RT: 6.947 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

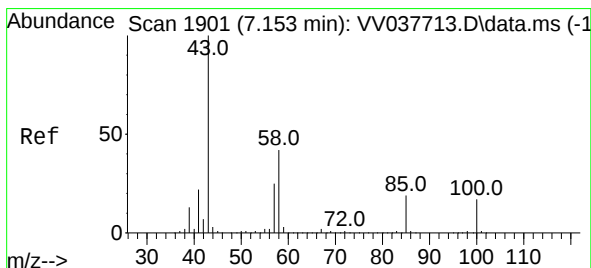
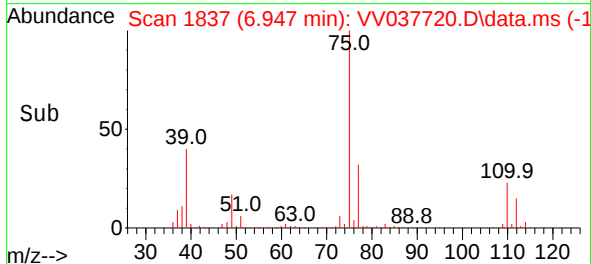
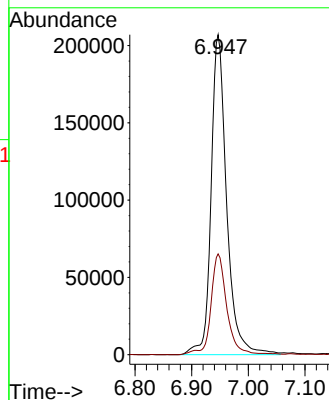
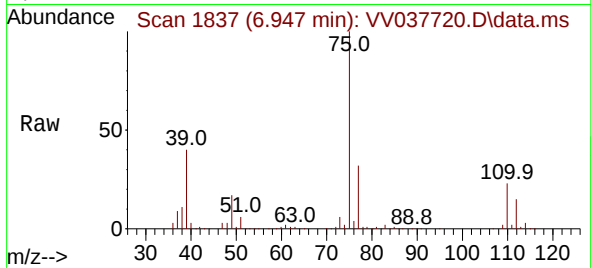
ClientSampleId :

Tgt Ion: 75 Resp: 395233

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 104.654 ug/L

RT: 7.152 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

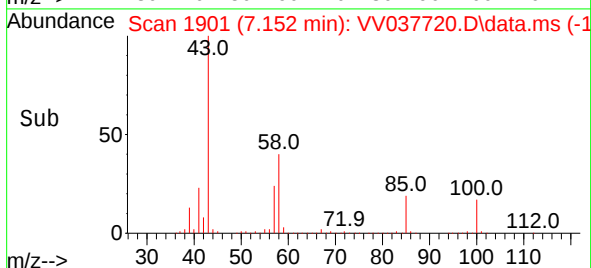
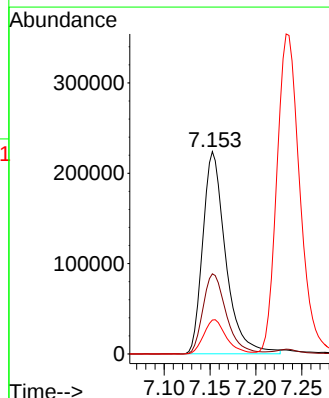
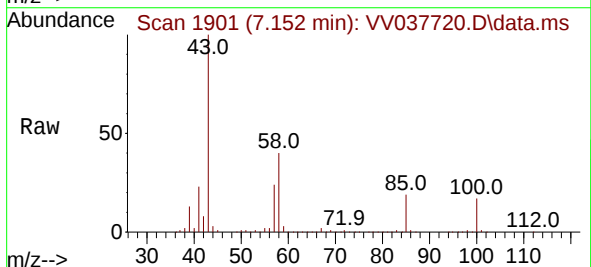
Tgt Ion: 43 Resp: 389025

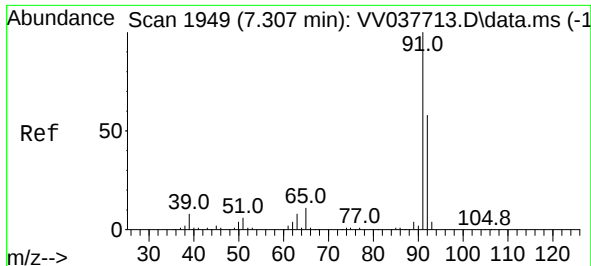
Ion Ratio Lower Upper

43 100

58 40.4 33.0 49.4

100 16.8 13.7 20.5





#42

Toluene

Concen: 54.993 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

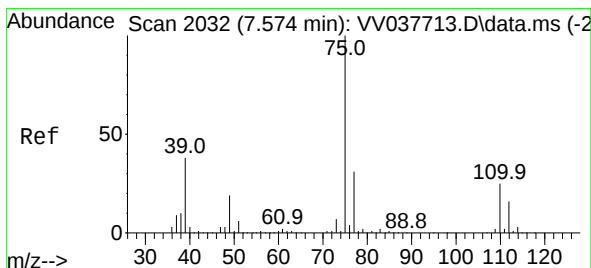
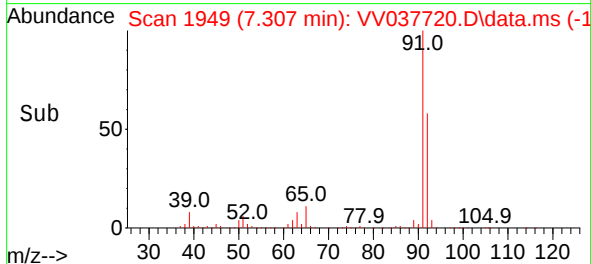
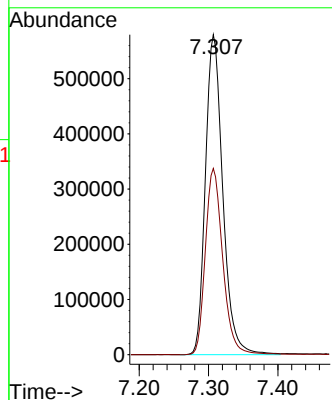
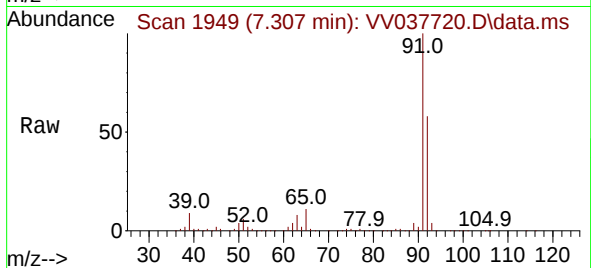
ClientSampleId :

Tgt Ion: 91 Resp: 1007956

Ion Ratio Lower Upper

91 100

92 58.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 53.535 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037720.D

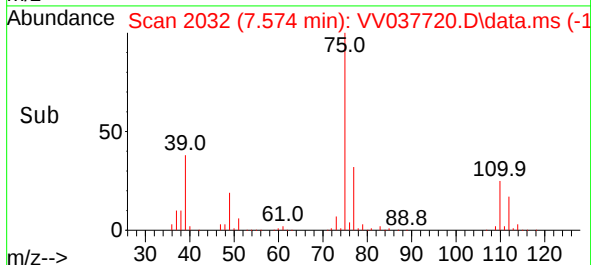
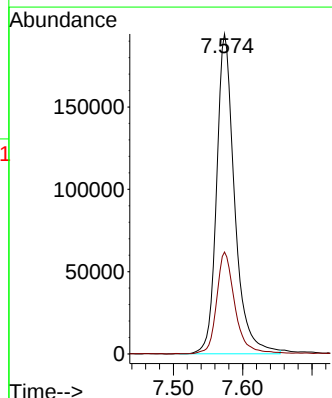
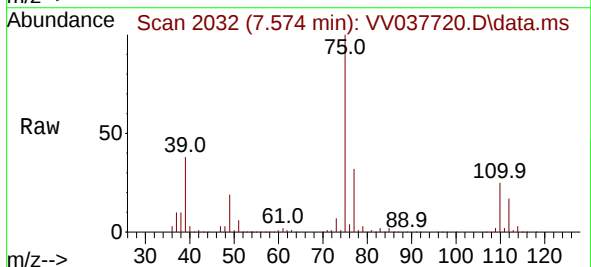
Acq: 03 Oct 2024 08:19

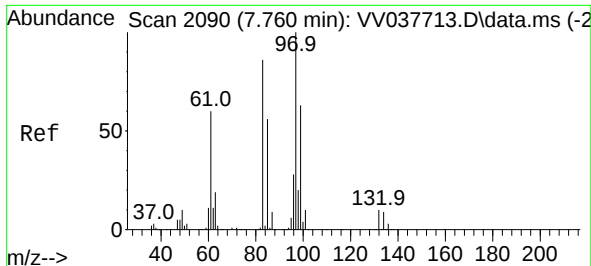
Tgt Ion: 75 Resp: 351255

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 53.728 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 235531

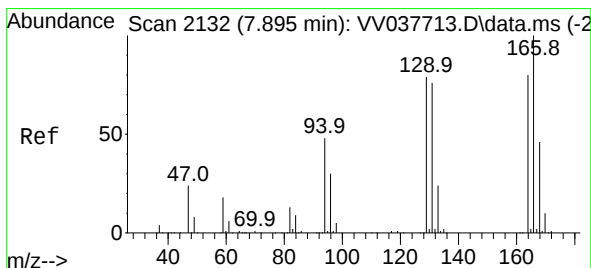
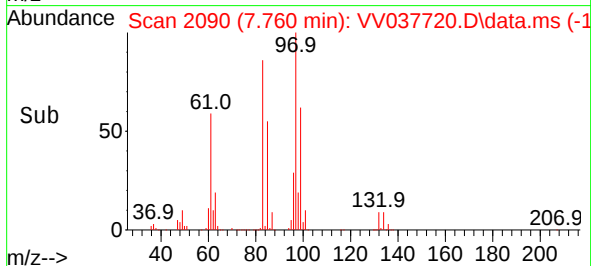
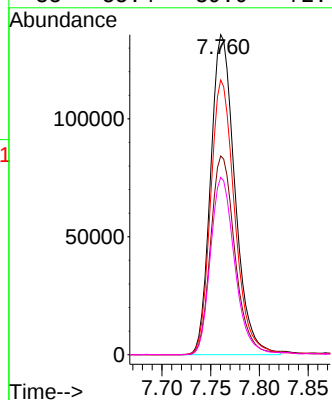
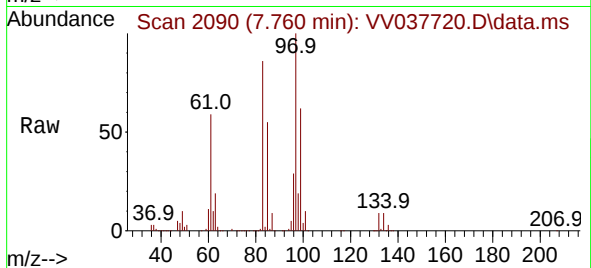
Ion Ratio Lower Upper

97 100

99 62.1 44.1 81.9

83 85.8 59.3 110.1

85 55.4 39.0 72.4



#46

Tetrachloroethene

Concen: 52.830 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Tgt Ion: 164 Resp: 190183

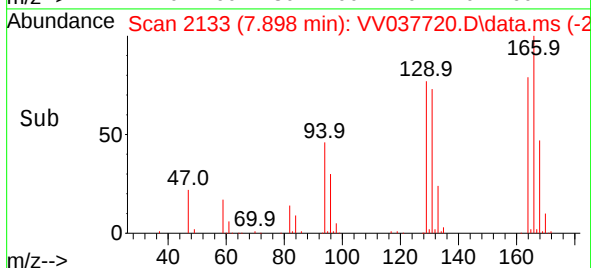
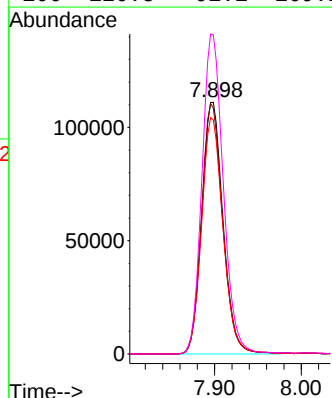
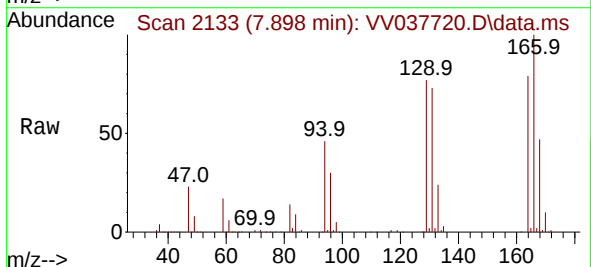
Ion Ratio Lower Upper

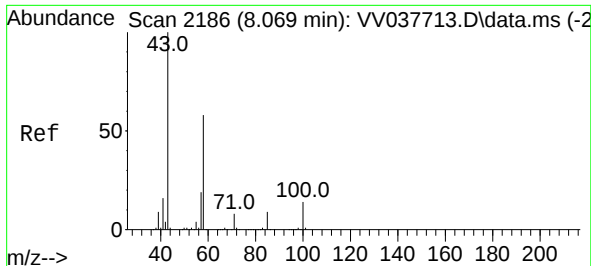
164 100

129 97.8 68.2 126.6

131 93.0 66.1 122.8

166 126.8 91.1 169.1





#48

2-Hexanone

Concen: 100.421 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 290262

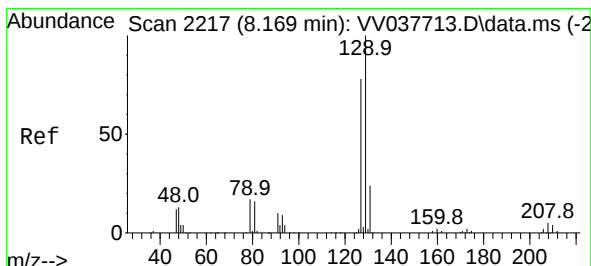
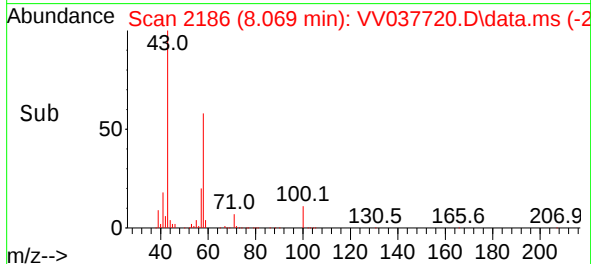
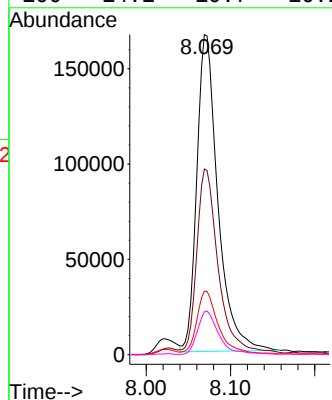
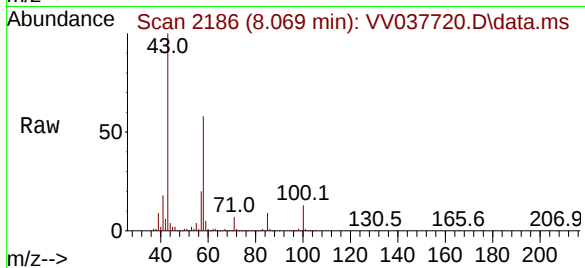
Ion Ratio Lower Upper

43 100

58 59.7 46.5 69.7

57 19.6 15.1 22.7

100 14.1 10.7 16.1



#49

Dibromochloromethane

Concen: 54.648 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV037720.D

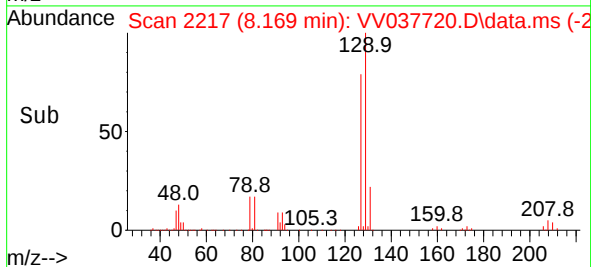
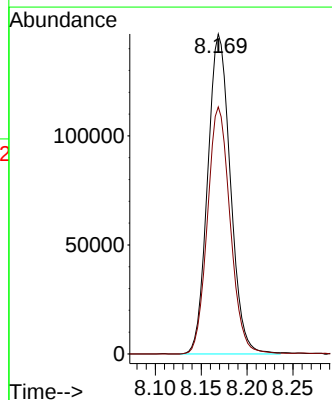
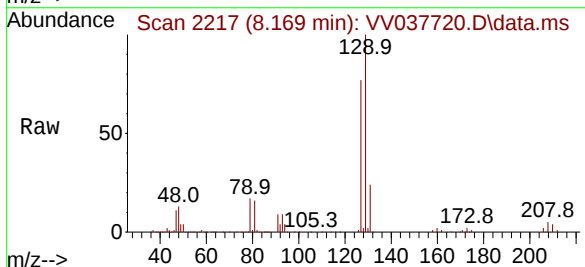
Acq: 03 Oct 2024 08:19

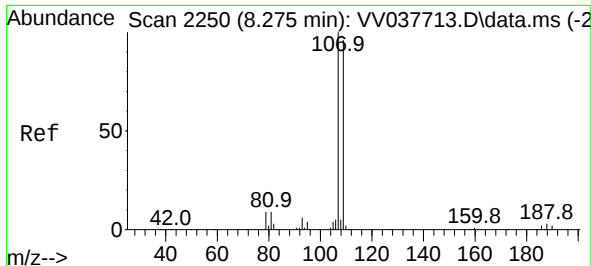
Tgt Ion:129 Resp: 253549

Ion Ratio Lower Upper

129 100

127 77.2 54.9 101.9

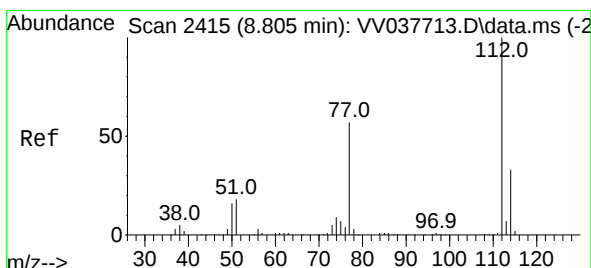
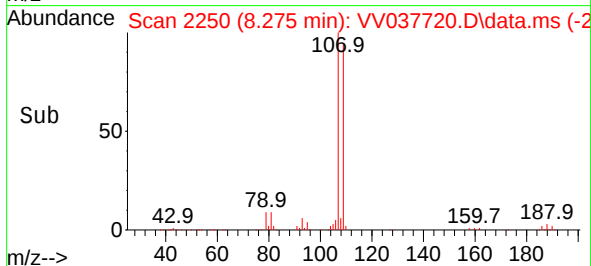
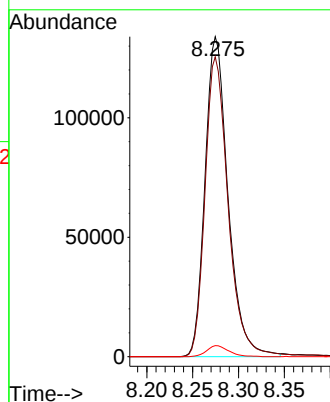
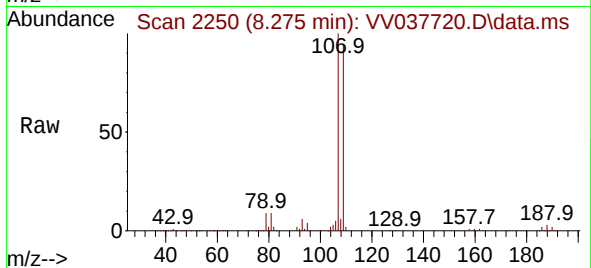




#50
1,2-Dibromoethane
Concen: 51.729 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

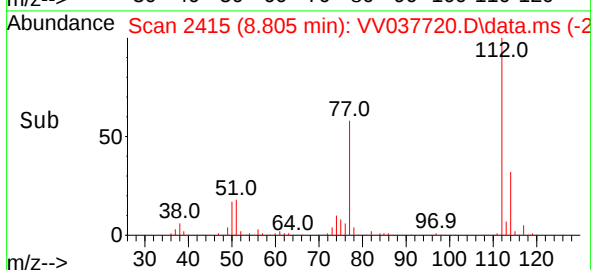
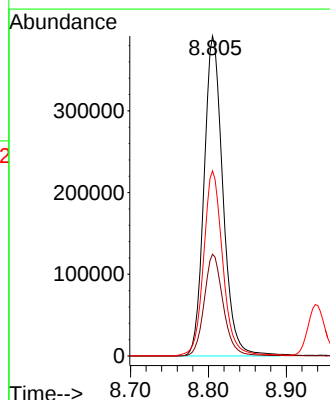
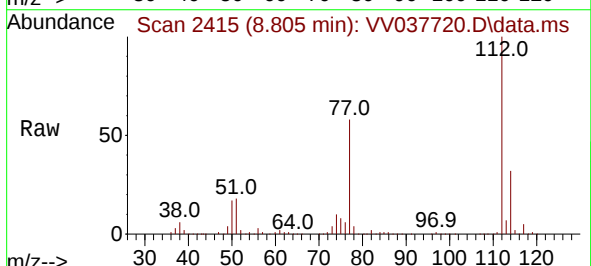
Instrument :
MSVOA_V
ClientSampleId :

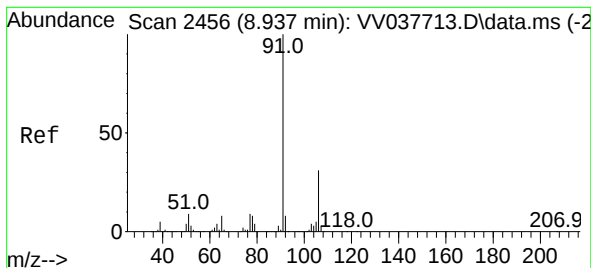
Tgt Ion:107 Resp: 234412
Ion Ratio Lower Upper
107 100
109 93.7 65.7 121.9
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 52.871 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion:112 Resp: 660219
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 57.9 45.8 68.8





#52

Ethylbenzene

Concen: 53.687 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

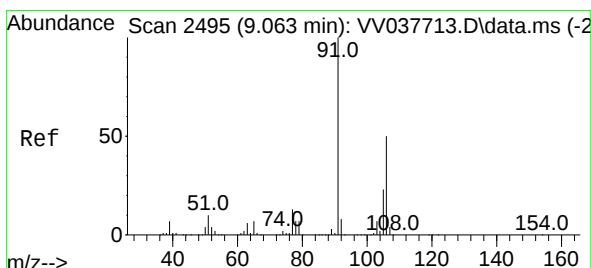
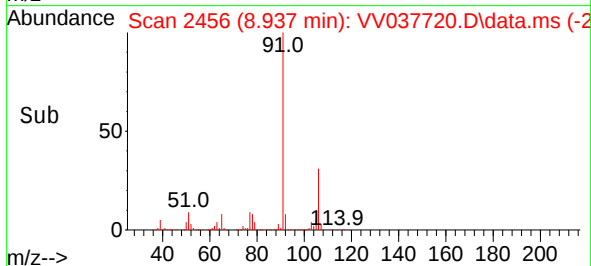
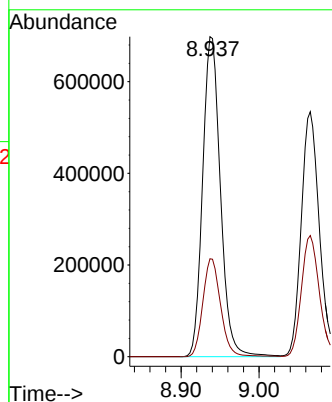
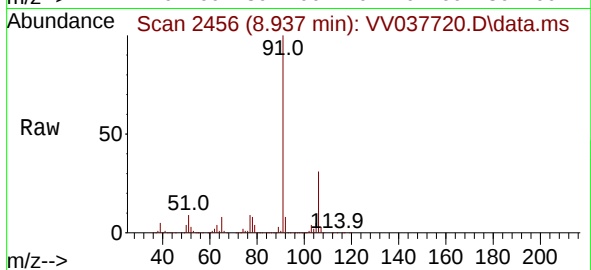
ClientSampleId :

Tgt Ion: 91 Resp: 1107665

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-Xylene

Concen: 55.156 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037720.D

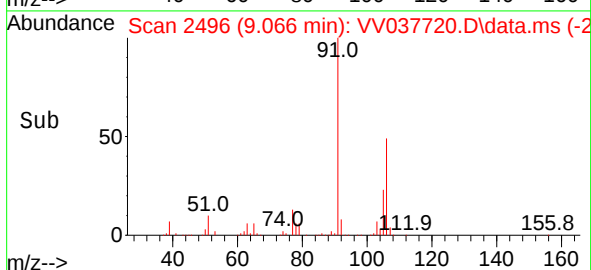
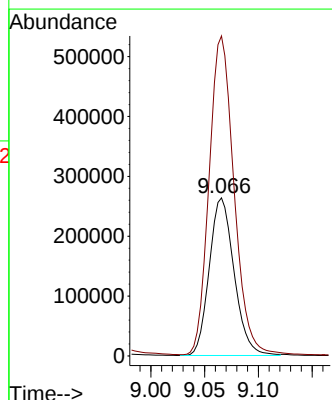
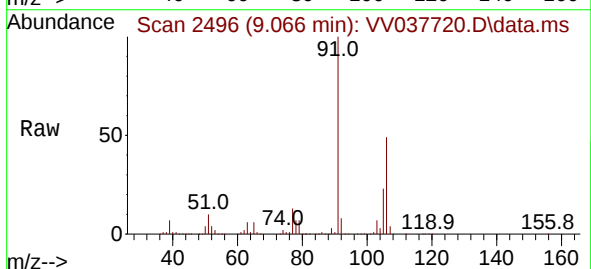
Acq: 03 Oct 2024 08:19

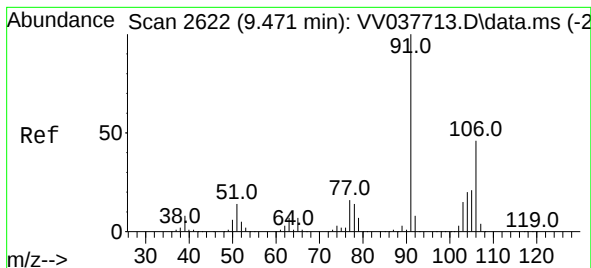
Tgt Ion:106 Resp: 423512

Ion Ratio Lower Upper

106 100

91 202.3 142.0 263.6





#54

o-Xylene

Concen: 54.515 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

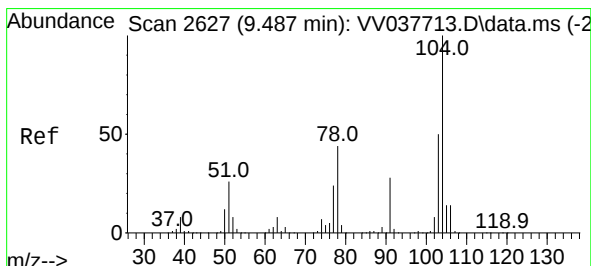
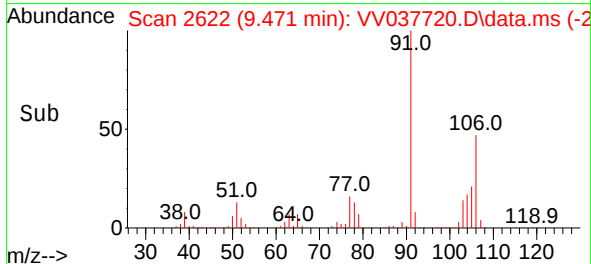
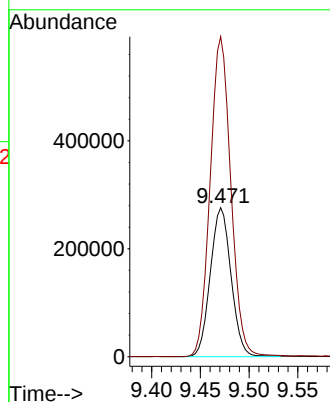
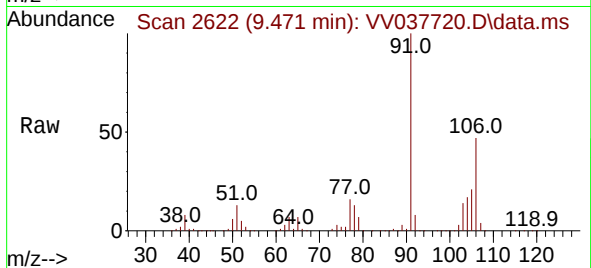
ClientSampleId :

Tgt Ion:106 Resp: 408671

Ion Ratio Lower Upper

106 100

91 214.8 153.9 285.9



#55

Styrene

Concen: 56.711 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.000 min

Lab File: VV037720.D

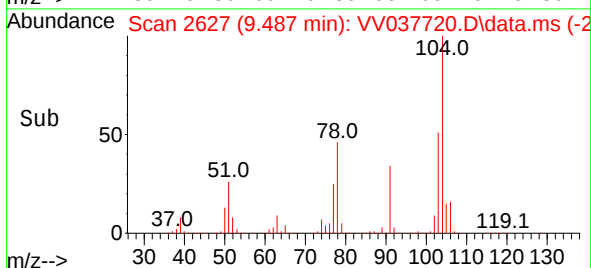
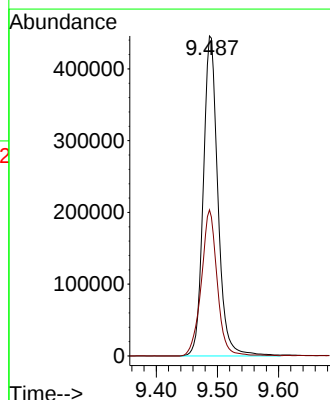
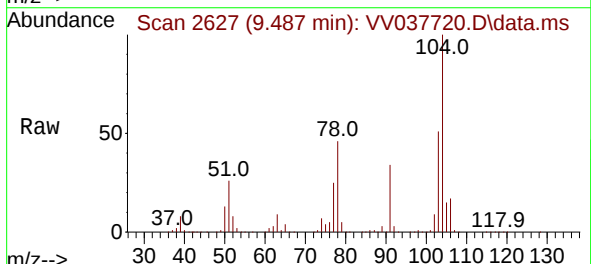
Acq: 03 Oct 2024 08:19

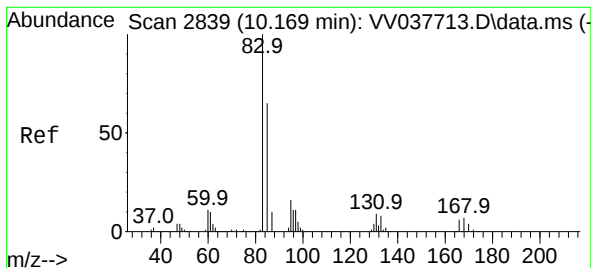
Tgt Ion:104 Resp: 740088

Ion Ratio Lower Upper

104 100

78 45.6 30.0 55.6

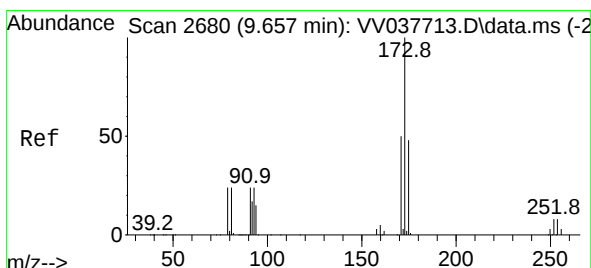
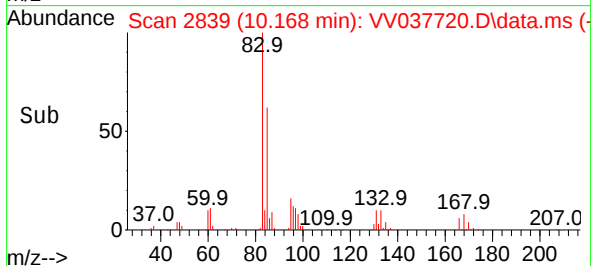
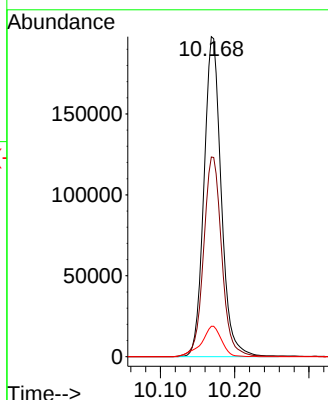
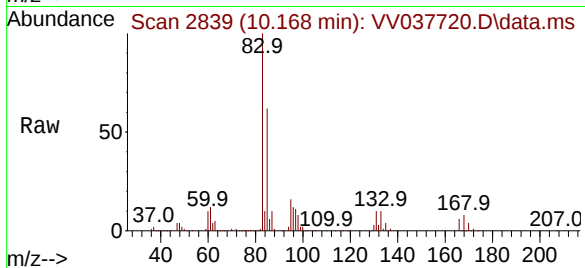




#57
1,1,2,2-Tetrachloroethane
Concen: 52.188 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

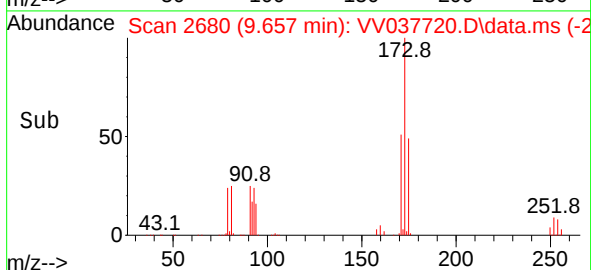
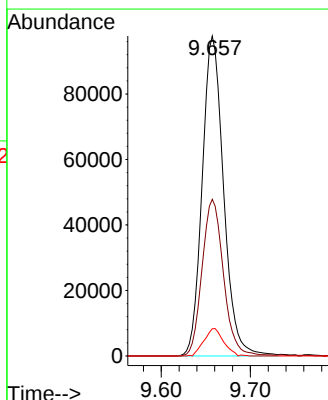
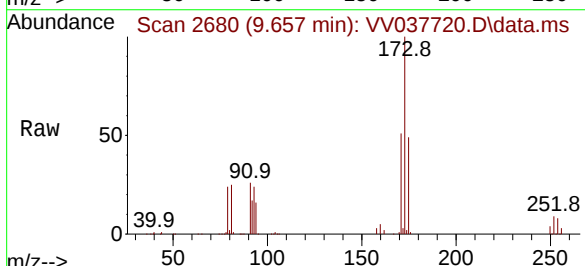
Instrument :
MSVOA_V
ClientSampleId :

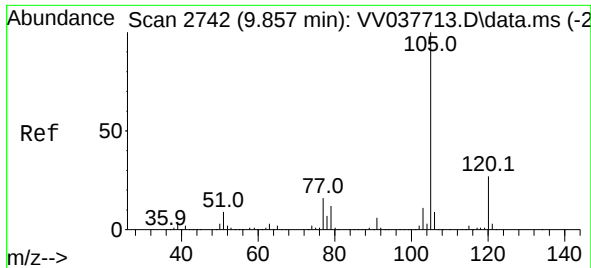
Tgt Ion: 83 Resp: 318972
Ion Ratio Lower Upper
83 100
85 62.4 45.9 85.3
131 9.5 7.9 11.9



#59
Bromoform
Concen: 51.453 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 173 Resp: 163120
Ion Ratio Lower Upper
173 100
175 48.8 40.0 60.0
254 7.8 6.5 9.7

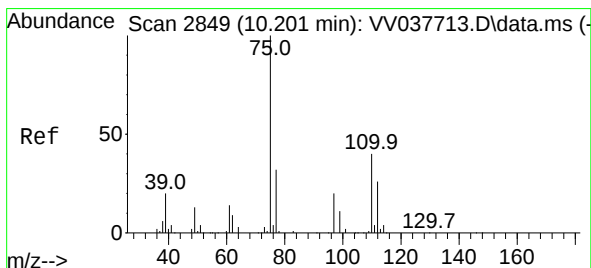
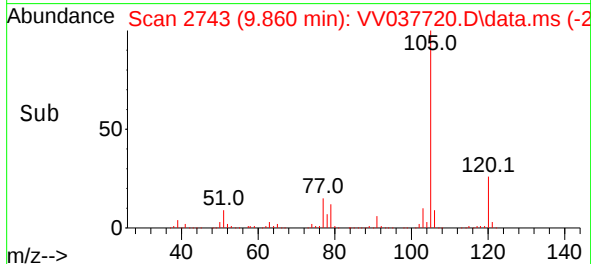
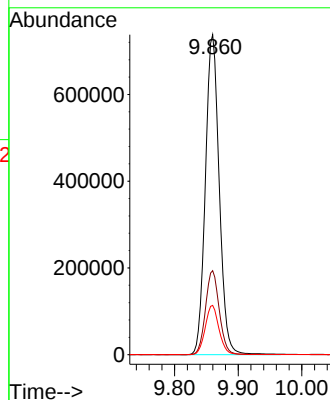
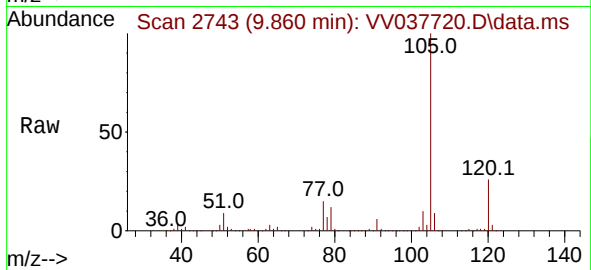




#60
Isopropylbenzene
Concen: 52.793 ug/L
RT: 9.860 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

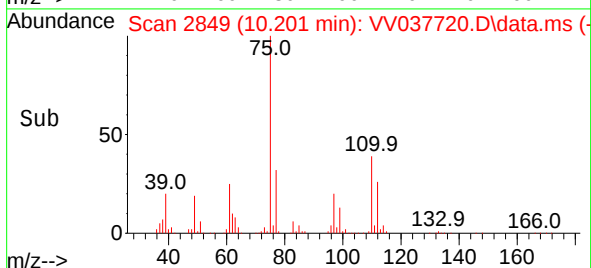
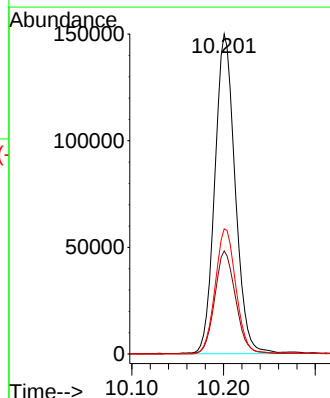
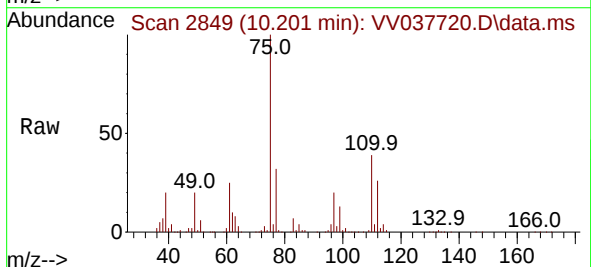
Instrument :
MSVOA_V
ClientSampleId :

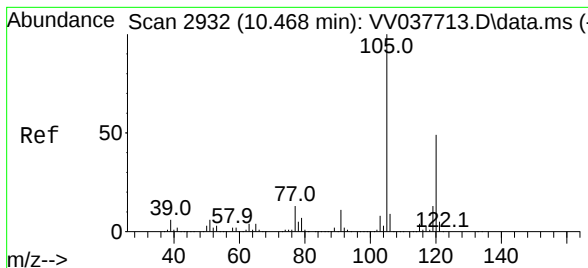
Tgt Ion:105 Resp: 1113313
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.967 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion: 75 Resp: 230625
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 40.1 31.7 47.5

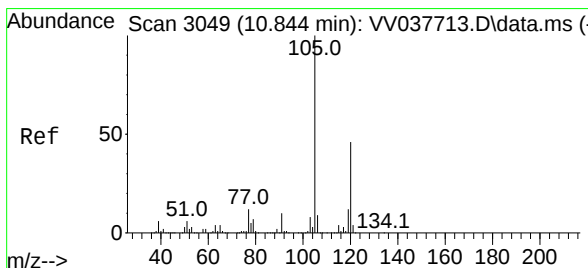
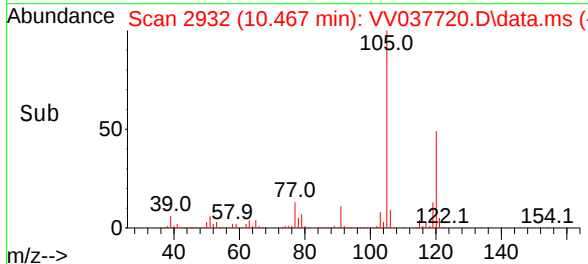
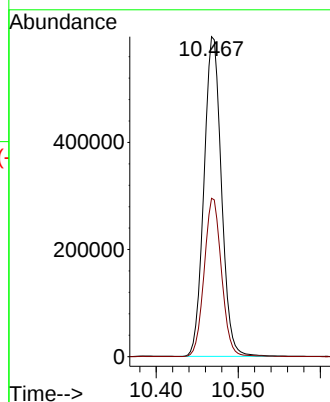
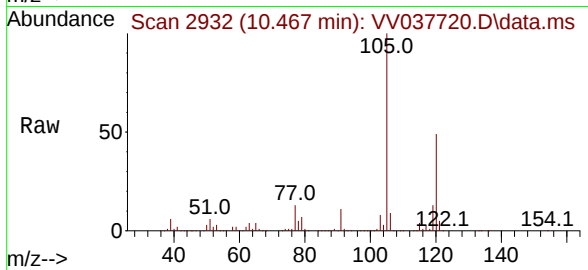




#62
1,3,5-Trimethylbenzene
Concen: 52.923 ug/L
RT: 10.467 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

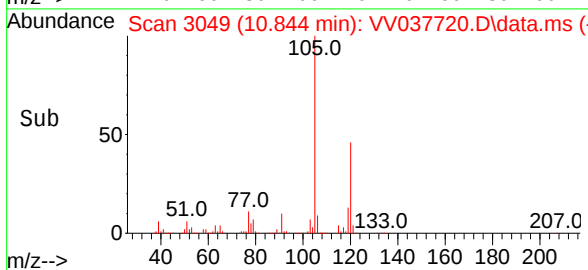
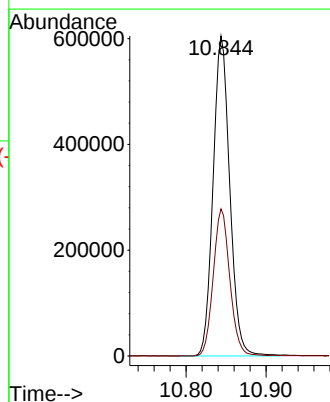
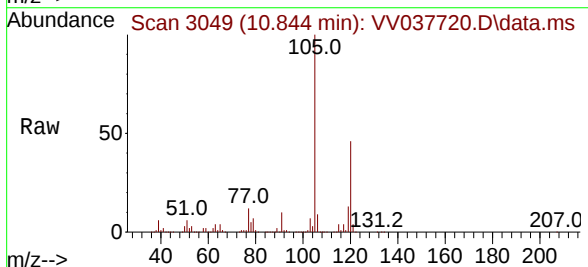
Instrument :
MSVOA_V
ClientSampleId :

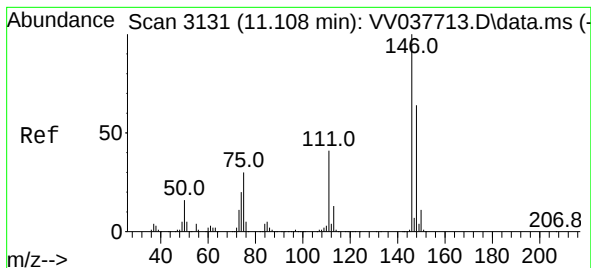
Tgt Ion:105 Resp: 882368
Ion Ratio Lower Upper
105 100
120 49.2 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 52.800 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV037720.D
Acq: 03 Oct 2024 08:19

Tgt Ion:105 Resp: 875888
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 52.263 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

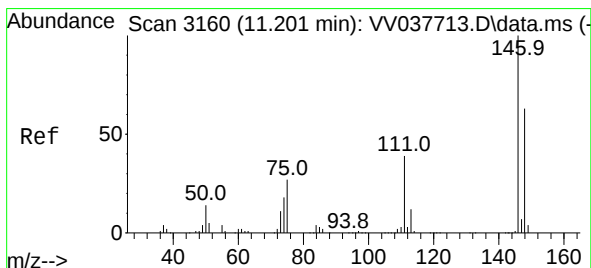
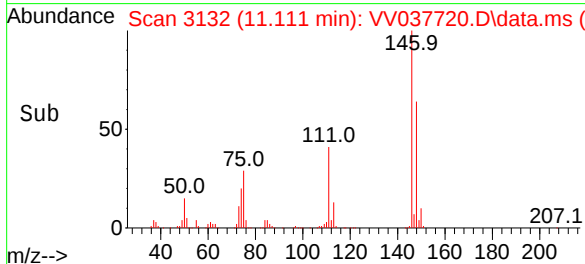
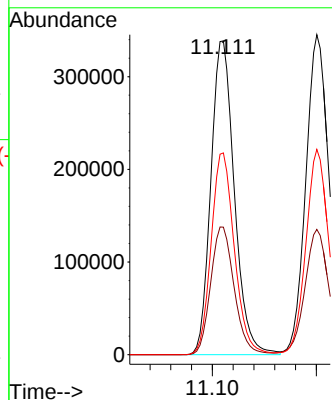
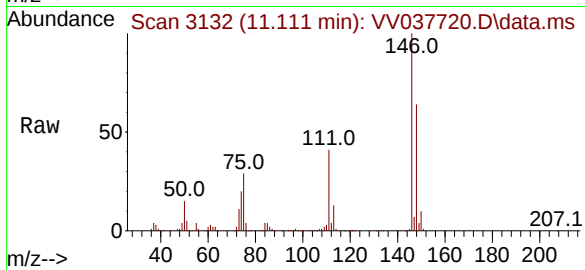
Tgt Ion:146 Resp: 530494

Ion Ratio Lower Upper

146 100

111 40.6 28.3 52.5

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 51.597 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

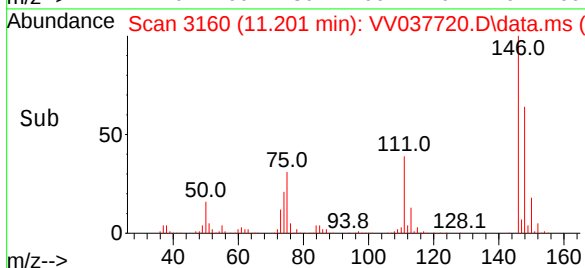
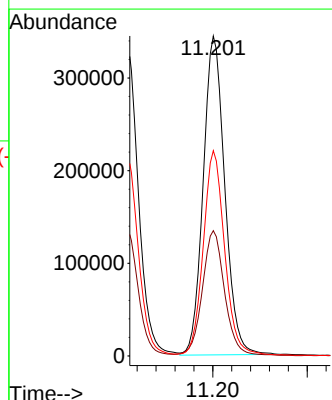
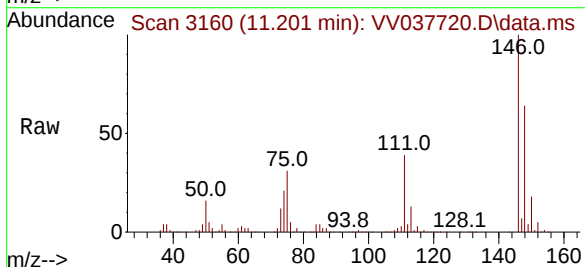
Tgt Ion:146 Resp: 545356

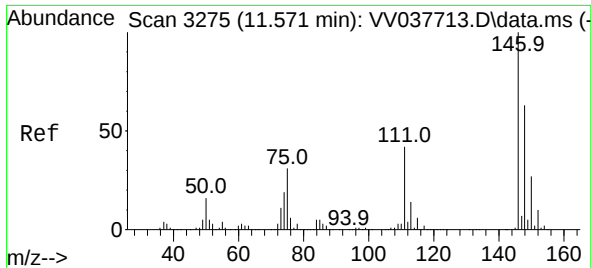
Ion Ratio Lower Upper

146 100

111 39.2 27.6 51.4

148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.700 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

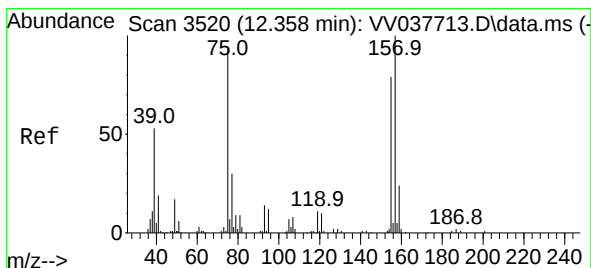
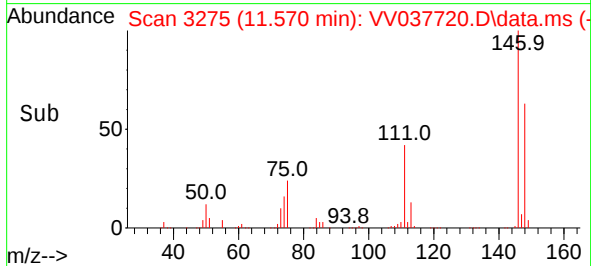
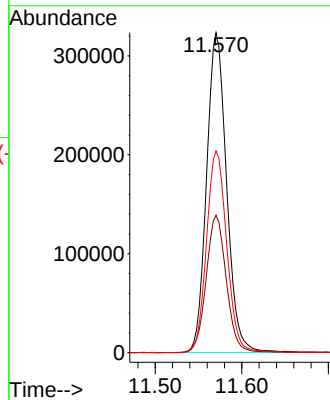
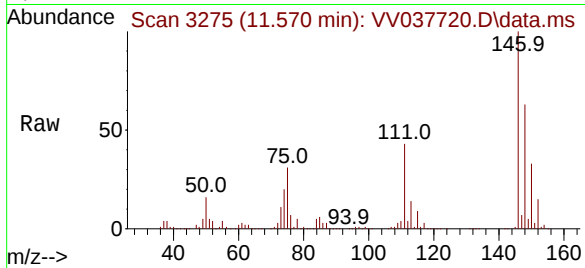
Tgt Ion:146 Resp: 518777

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 63.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.341 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

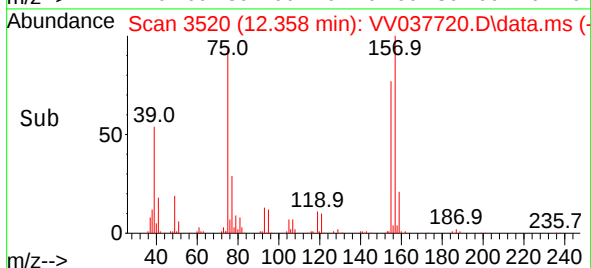
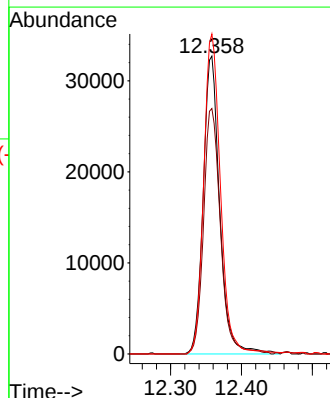
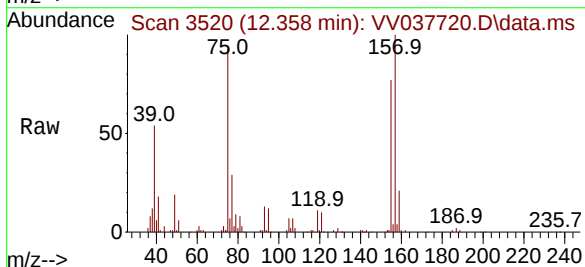
Tgt Ion: 75 Resp: 53042

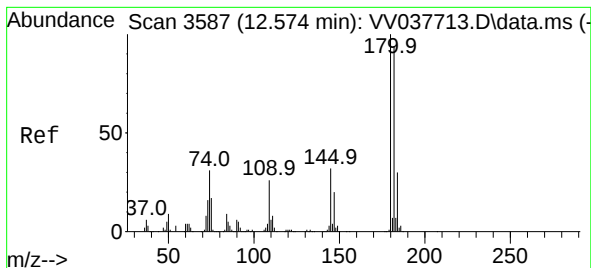
Ion Ratio Lower Upper

75 100

155 82.4 66.2 99.4

157 107.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 50.365 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 351561

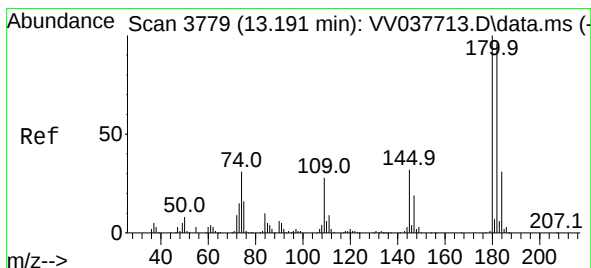
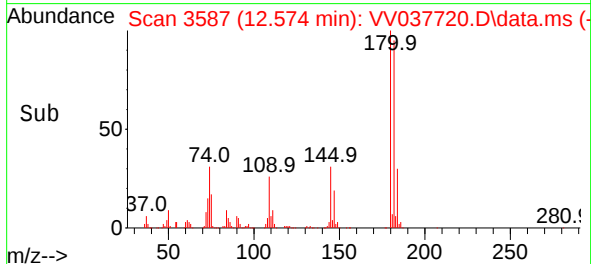
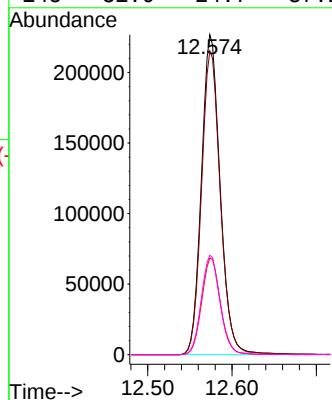
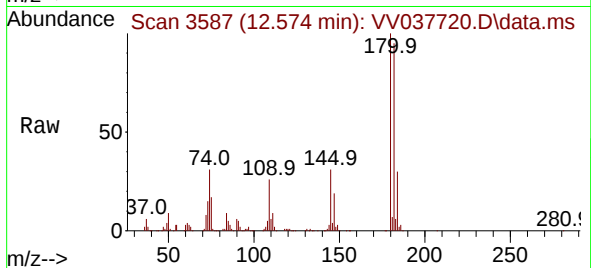
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

184 30.3 23.8 35.6

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 48.013 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

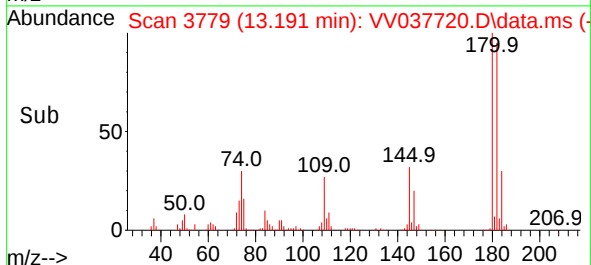
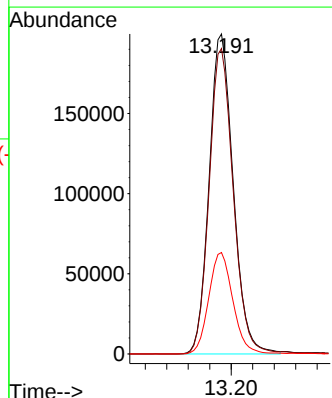
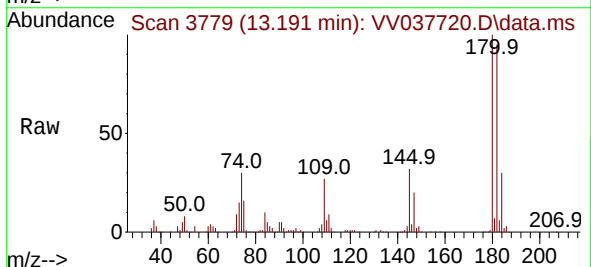
Tgt Ion:180 Resp: 310947

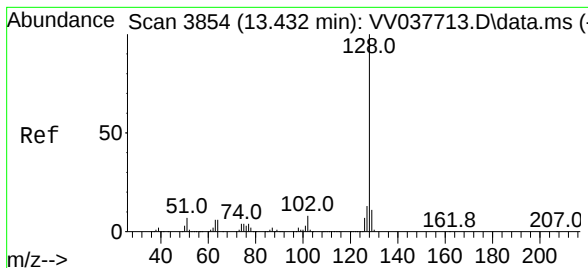
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 44.768 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Instrument :

MSVOA_V

ClientSampleId :

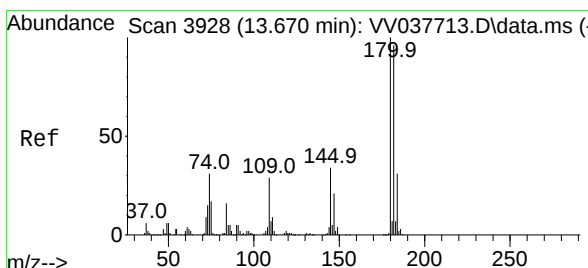
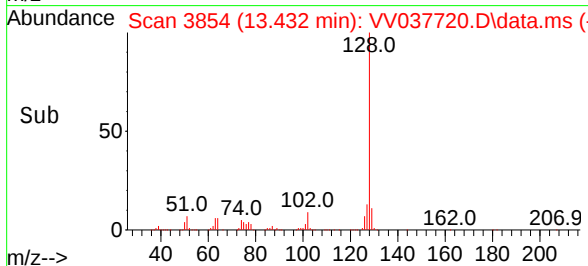
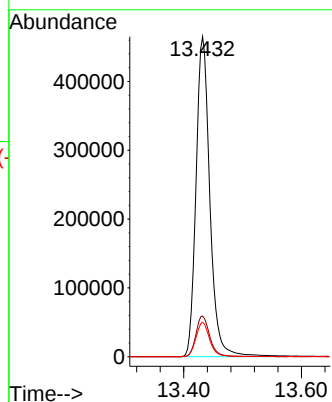
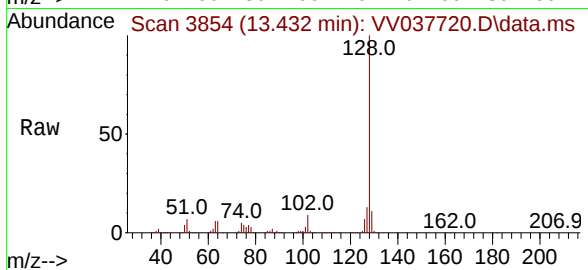
Tgt Ion:128 Resp: 757504

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.609 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037720.D

Acq: 03 Oct 2024 08:19

Tgt Ion:180 Resp: 310879

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

145 34.1 26.2 39.4

