

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037730.D
 Acq On : 11 Oct 2024 14:49
 Operator : SY/MD
 Sample : P4346-09MSDME
 Misc : 3.52G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 06:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	676057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	659408	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	364572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	195919	33.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.020%
7) Chloroethane-d5	1.503	69	78068	16.947	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.900%#
11) 1,1-Dichloroethene-d2	2.043	65	92776	37.418	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.840%
21) 2-Butanone-d5	3.805	46	115183	54.490	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.490%
24) Chloroform-d	4.239	84	442277	41.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
26) 1,2-Dichloroethane-d4	4.934	65	262301	42.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.880%
32) Benzene-d6	4.947	84	852414	41.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.620%
36) 1,2-Dichloropropane-d6	5.982	67	307959	46.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	7.236	98	786436	42.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.060%
43) trans-1,3-Dichloroprop...	7.548	79	127015	41.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.220%
47) 2-Hexanone-d5	8.030	63	140652	101.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343487	44.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.980%
66) 1,2-Dichlorobenzene-d4	11.554	152	325455	42.364	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	235655	40.946	ug/L	99
3) Chloromethane	1.217	50	247183	44.239	ug/L	100
5) Vinyl chloride	1.281	62	249086	41.582	ug/L	100
6) Bromomethane	1.465	94	81593	24.544	ug/L	99
8) Chloroethane	1.519	64	76163	20.629	ug/L	98
9) Trichlorofluoromethane	1.687	101	361454	44.828	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	217215	45.081	ug/L	99
12) 1,1-Dichloroethene	2.053	96	195255	43.382	ug/L	89
13) Acetone	2.121	43	117663	56.782	ug/L	100
14) Carbon disulfide	2.224	76	530519	37.762	ug/L	100
15) Methyl Acetate	2.371	43	165844	45.861	ug/L	100
16) Methylene chloride	2.436	84	223252	43.808	ug/L	100
17) trans-1,2-Dichloroethene	2.680	96	205235	43.103	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	659626	48.286	ug/L	99
19) 1,1-Dichloroethane	3.095	63	402840	44.157	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	244203	45.831	ug/L	97
22) 2-Butanone	3.886	43	172439	75.183	ug/L	86
23) Bromochloromethane	4.133	128	123189	44.695	ug/L	98
25) Chloroform	4.265	83	436075	46.168	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037730.D
 Acq On : 11 Oct 2024 14:49
 Operator : SY/MD
 Sample : P4346-09MSDME
 Misc : 3.52G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

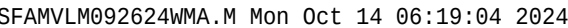
Instrument :
 MSVOA_V
 ClientSampleId :

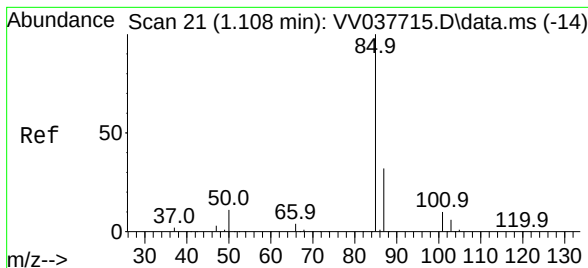
Quant Time: Oct 14 06:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	305085	45.753	ug/L	100
29) Cyclohexane	4.564	56	317981	42.472	ug/L	100
30) 1,1,1-Trichloroethane	4.497	97	365202	44.967	ug/L	99
31) Carbon tetrachloride	4.719	117	312355	44.237	ug/L	99
33) Benzene	4.998	78	901413	45.327	ug/L	100
34) Trichloroethene	5.825	95	239150	45.156	ug/L	98
35) Methylcyclohexane	6.037	83	354474	43.507	ug/L	100
37) 1,2-Dichloropropane	6.085	63	238868	46.514	ug/L	100
38) Bromodichloromethane	6.426	83	322020	46.908	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	376620	45.943	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	432840	103.519	ug/L	98
42) Toluene	7.307	91	964922	46.803	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	350257	47.459	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	236067	47.874	ug/L	99
46) Tetrachloroethene	7.895	164	180208	44.504	ug/L	98
48) 2-Hexanone	8.082	43	305283	93.896	ug/L	99
49) Dibromochloromethane	8.172	129	246116	47.159	ug/L	99
50) 1,2-Dibromoethane	8.278	107	234514	46.009	ug/L	99
51) Chlorobenzene	8.808	112	642551	45.746	ug/L	99
52) Ethylbenzene	8.940	91	1072552	46.216	ug/L	100
53) m,p-Xylene	9.066	106	416296	48.199	ug/L	98
54) o-Xylene	9.471	106	401287	47.590	ug/L	96
55) Styrene	9.490	104	725858	49.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	336743	48.982	ug/L	99
59) Bromoform	9.661	173	167751	47.078	ug/L	97
60) Isopropylbenzene	9.860	105	1081932	45.647	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	250415	48.271	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	877845	46.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	891293	47.803	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	534996	46.894	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	553953	46.630	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	533527	47.306	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59371	47.146	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	374038	47.675	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	348703	47.905	ug/L	100
71) Naphthalene	13.432	128	959621	50.459	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	343262	47.753	ug/L	98

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

Quant Time: Oct 14 06:18:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 14 06:04:26 2024
Response via : Initial Calibration

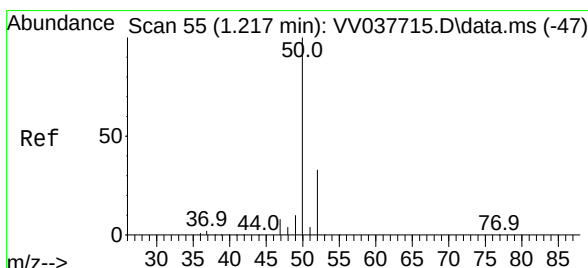
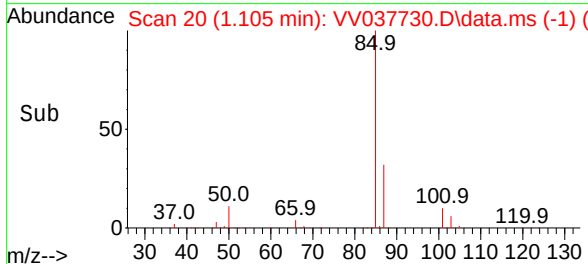
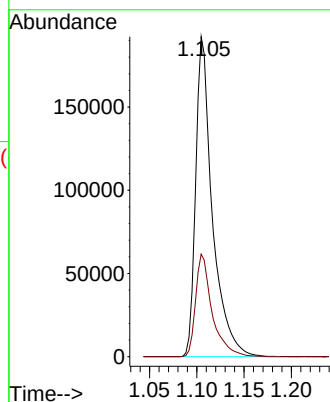
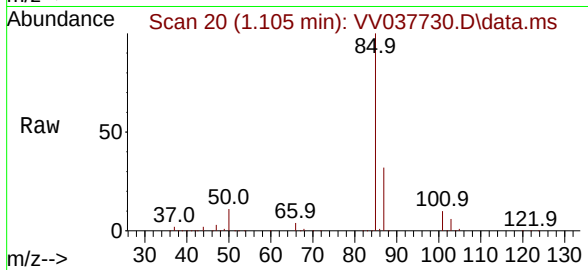




#2
 Dichlorodifluoromethane
 Concen: 40.946 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

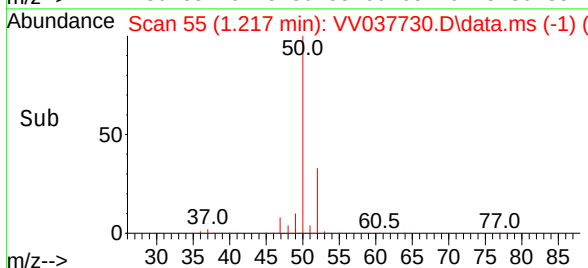
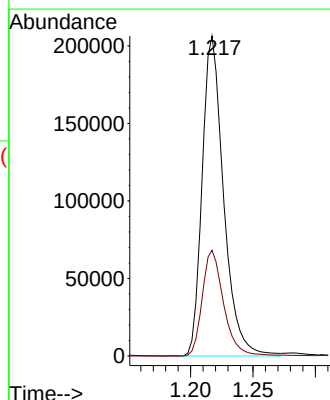
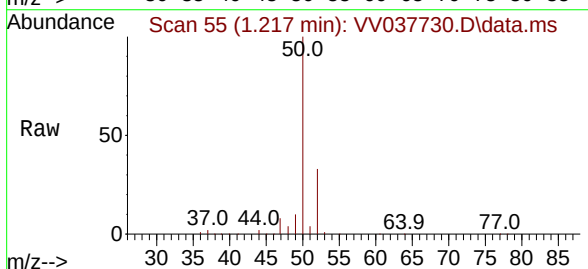
Instrument :
 MSVOA_V
 ClientSampleId :

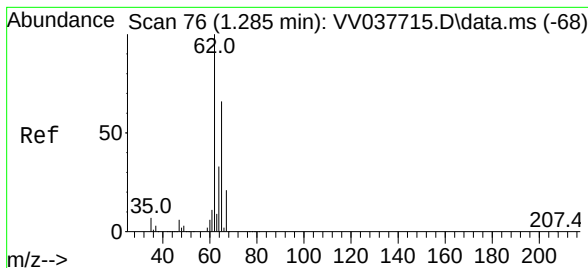
Tgt Ion: 85 Resp: 235655
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 44.239 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

Tgt Ion: 50 Resp: 247183
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

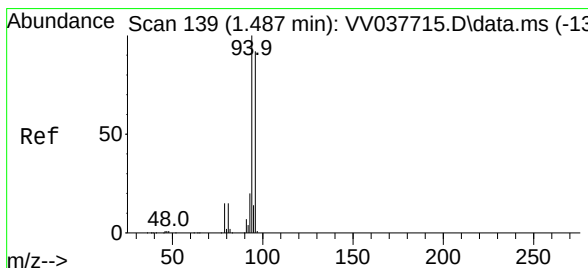
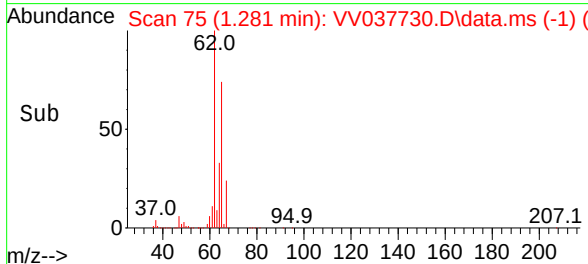
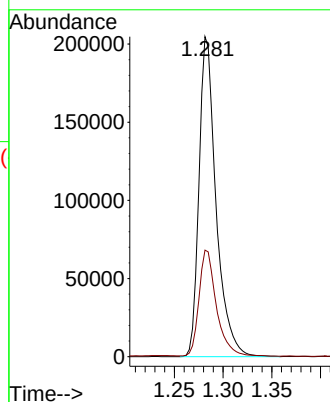
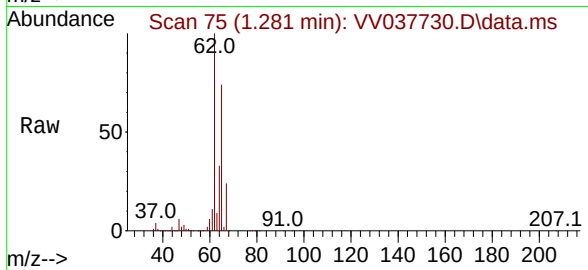




#5
 Vinyl chloride
 Concen: 41.582 ug/L
 RT: 1.281 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

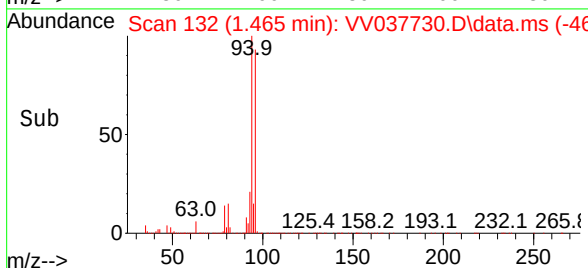
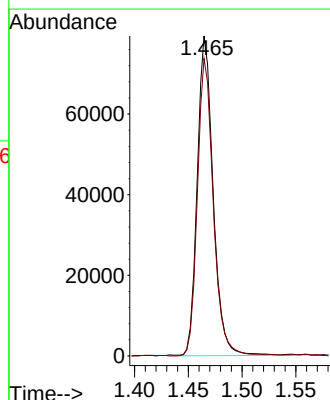
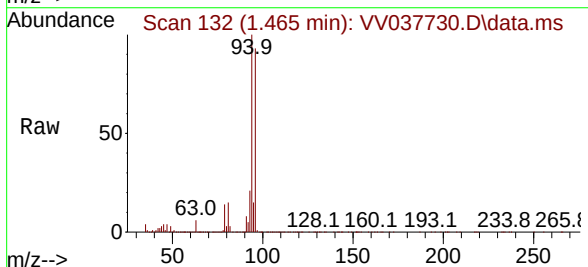
Instrument :
 MSVOA_V
 ClientSampleId :

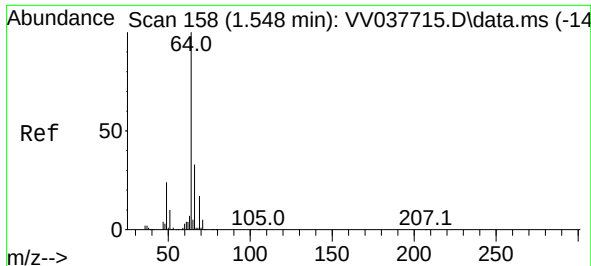
Tgt Ion: 62 Resp: 249086
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 24.544 ug/L
 RT: 1.465 min Scan# 132
 Delta R.T. -0.023 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

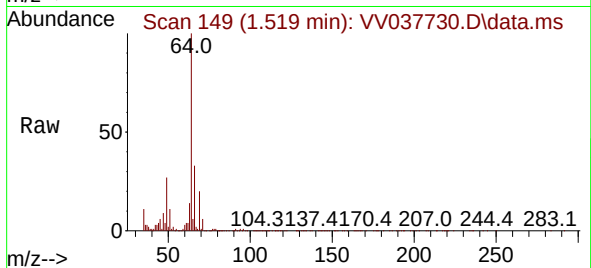
Tgt Ion: 94 Resp: 81593
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2



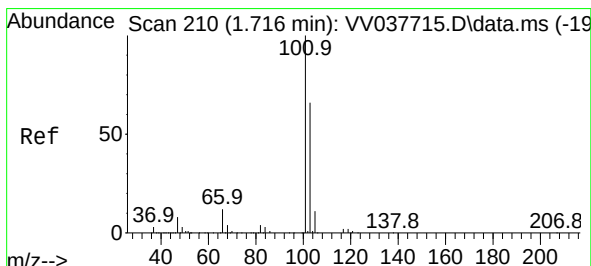
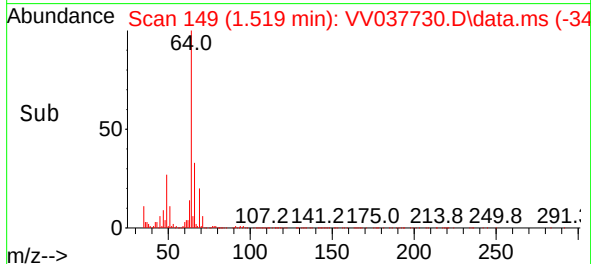
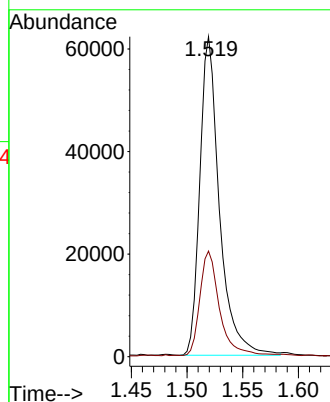


#8
Chloroethane
Concen: 20.629 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.029 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Instrument :
MSVOA_V
ClientSampleId :

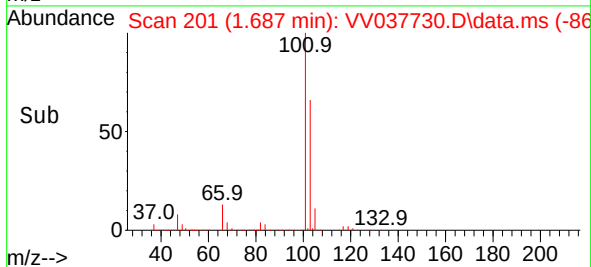
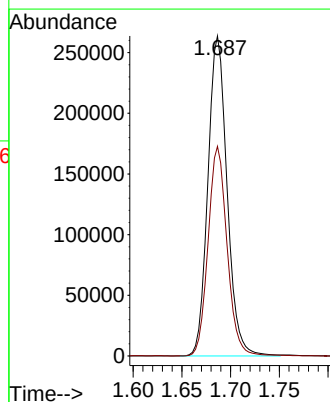
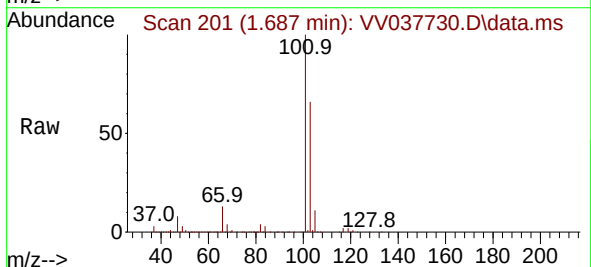


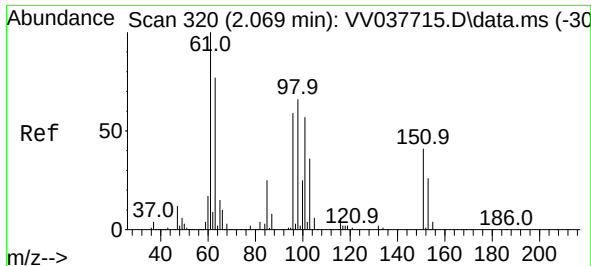
Tgt Ion: 64 Resp: 76163
Ion Ratio Lower Upper
64 100
66 33.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 44.828 ug/L
RT: 1.687 min Scan# 201
Delta R.T. -0.029 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 101 Resp: 361454
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4





#10

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

Concen: 45.081 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.016 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

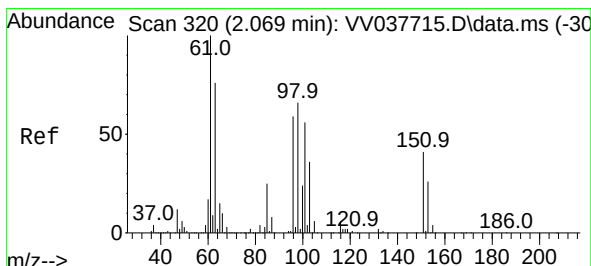
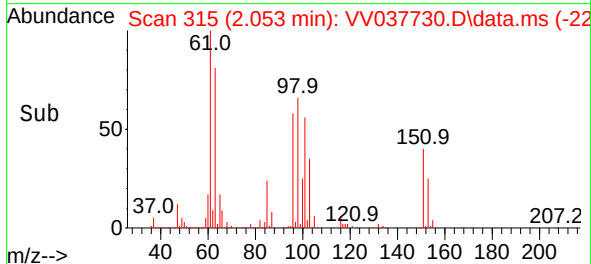
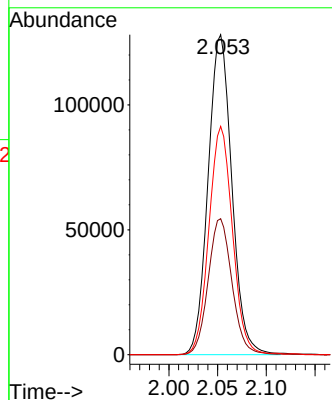
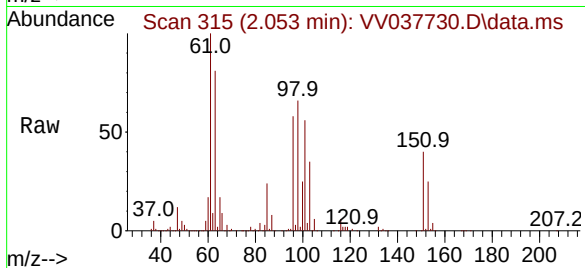
Tgt Ion:101 Resp: 217215

Ion Ratio Lower Upper

101 100

85 42.5 34.6 52.0

151 70.7 57.5 86.3



#12

1,1-Dichloroethene

Concen: 43.382 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.016 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

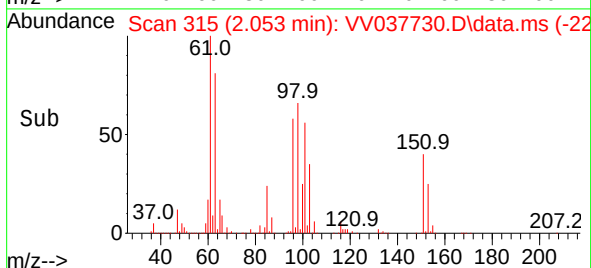
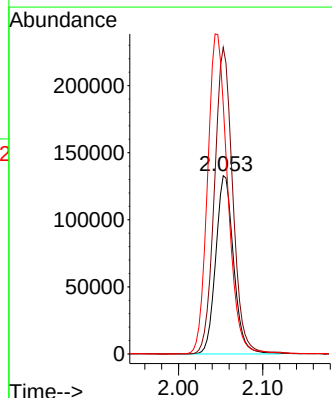
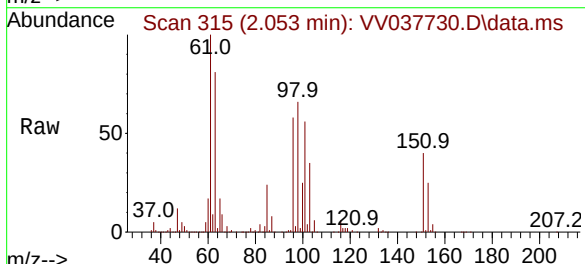
Tgt Ion: 96 Resp: 195255

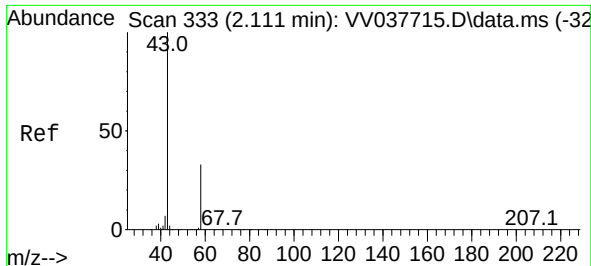
Ion Ratio Lower Upper

96 100

61 172.0 122.6 227.6

63 140.2 118.0 219.2





#13

Acetone

Concen: 56.782 ug/L

RT: 2.121 min Scan# 333

Delta R.T. 0.009 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

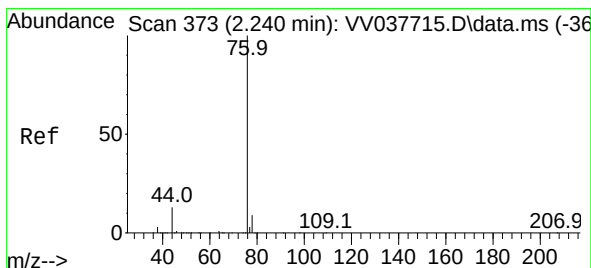
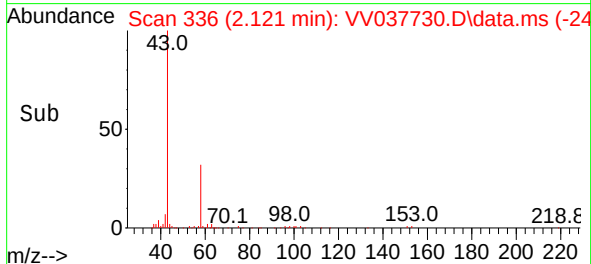
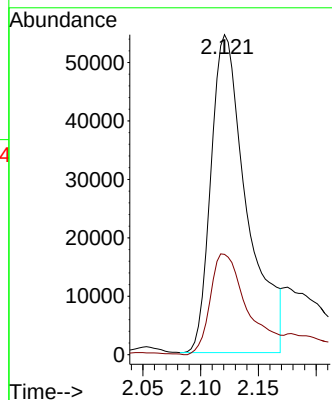
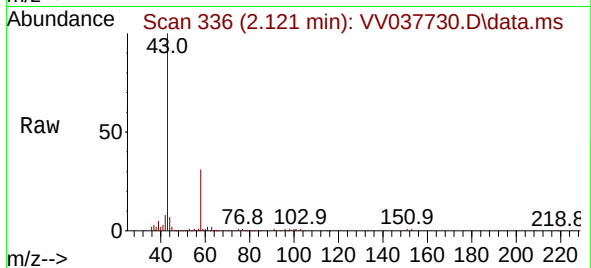
ClientSampleId :

Tgt Ion: 43 Resp: 117663

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.6



#14

Carbon disulfide

Concen: 37.762 ug/L

RT: 2.224 min Scan# 368

Delta R.T. -0.016 min

Lab File: VV037730.D

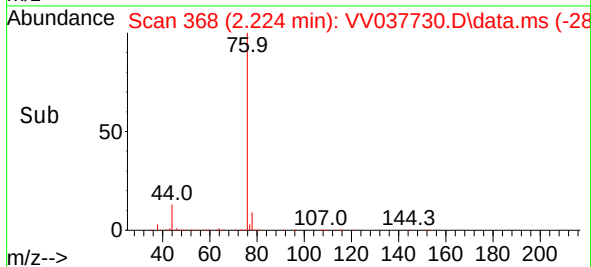
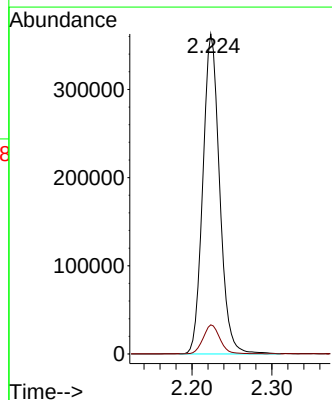
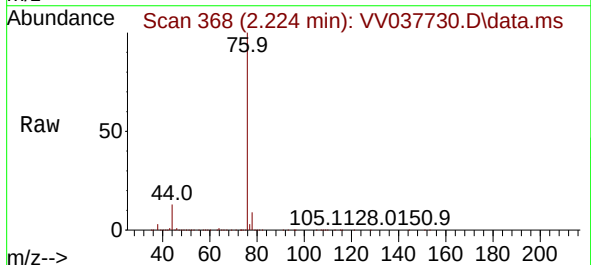
Acq: 11 Oct 2024 14:49

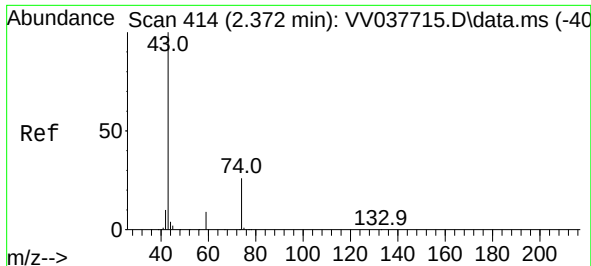
Tgt Ion: 76 Resp: 530519

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 45.861 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

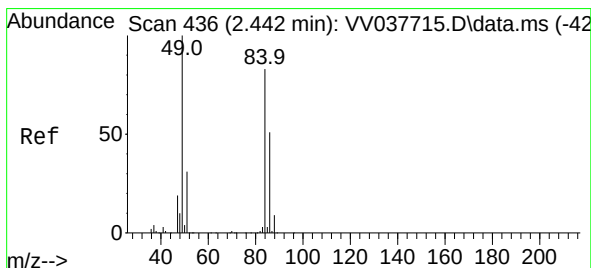
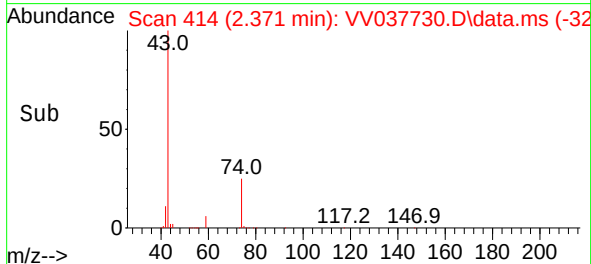
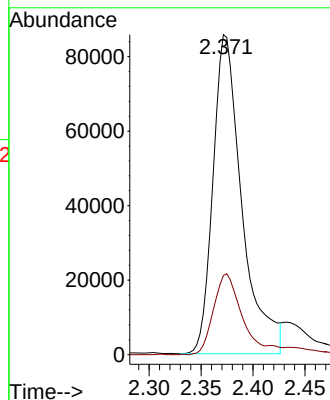
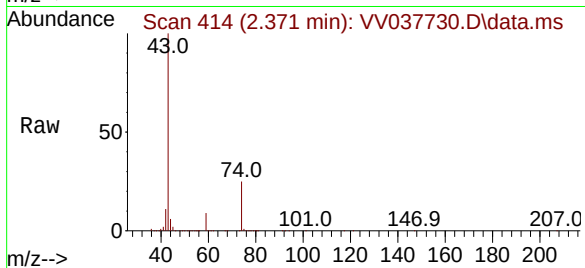
ClientSampleId :

Tgt Ion: 43 Resp: 165844

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



#16

Methylene chloride

Concen: 43.808 ug/L

RT: 2.436 min Scan# 434

Delta R.T. -0.007 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

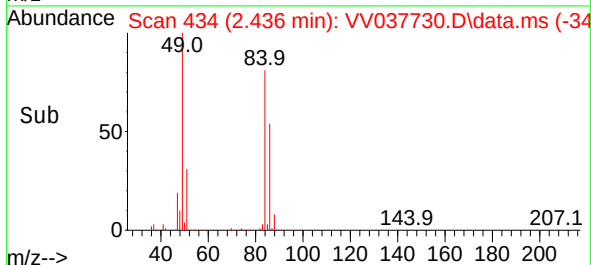
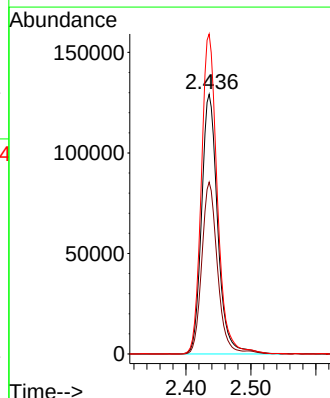
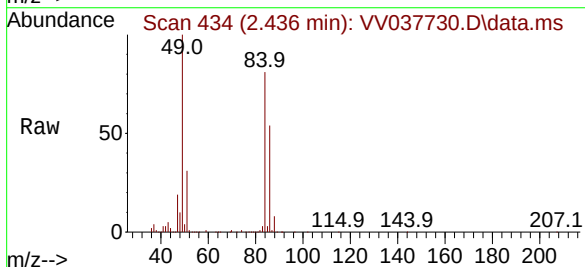
Tgt Ion: 84 Resp: 223252

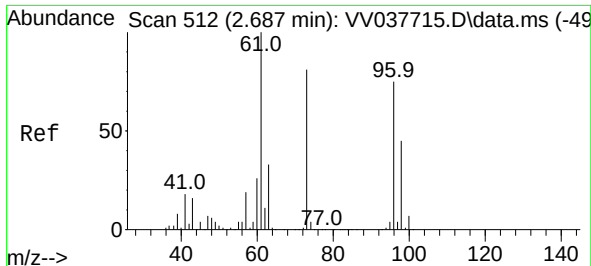
Ion Ratio Lower Upper

84 100

86 66.2 46.4 86.2

49 123.2 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 43.103 ug/L

RT: 2.680 min Scan# 512

Delta R.T. -0.007 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

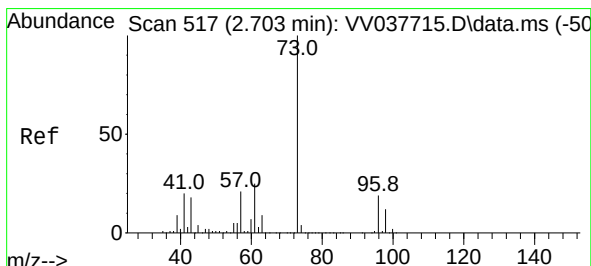
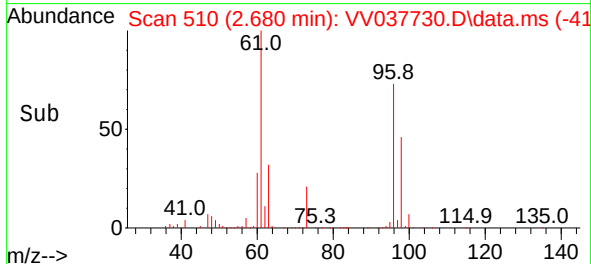
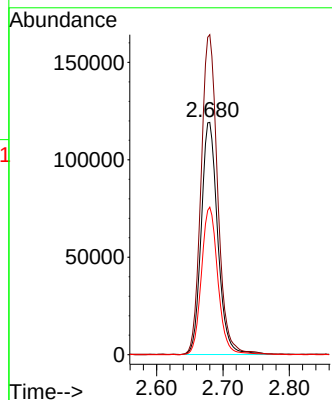
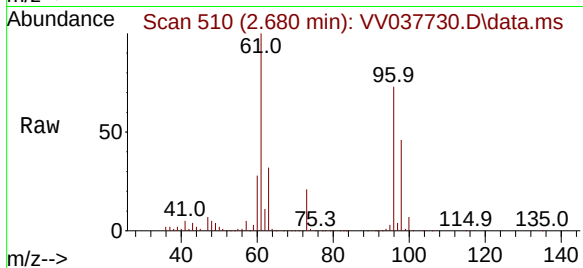
Tgt Ion: 96 Resp: 205235

Ion Ratio Lower Upper

96 100

61 137.7 97.3 180.7

98 63.5 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 48.286 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

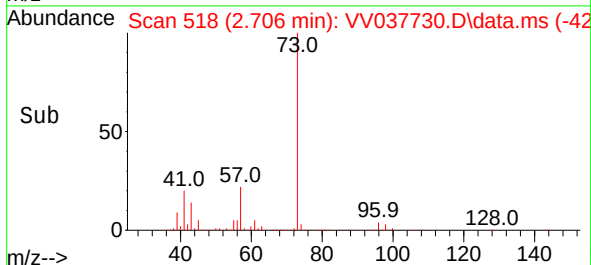
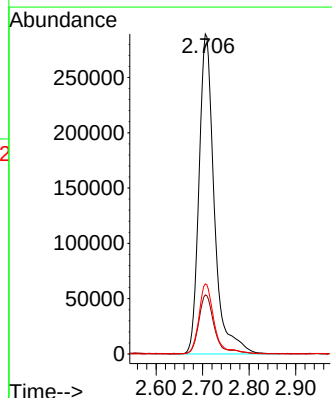
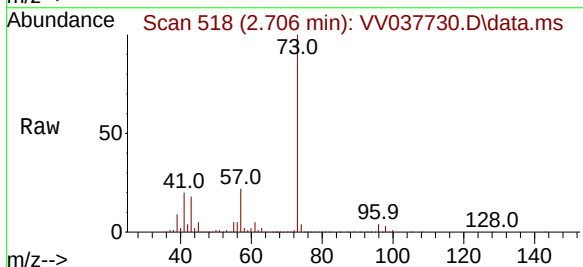
Tgt Ion: 73 Resp: 659626

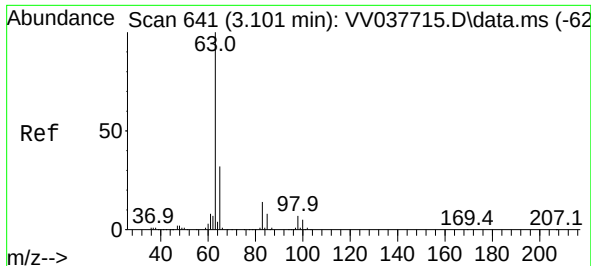
Ion Ratio Lower Upper

73 100

43 17.8 15.1 22.7

57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 44.157 ug/L

RT: 3.095 min Scan# 641

Delta R.T. -0.007 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

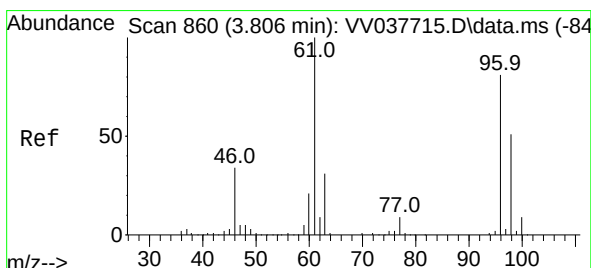
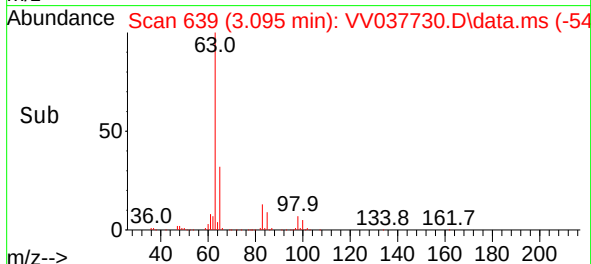
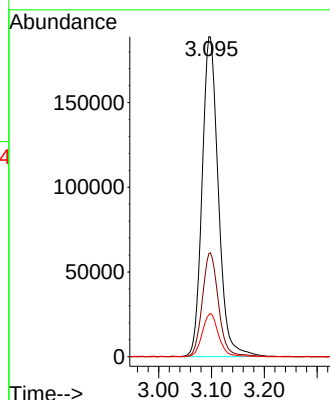
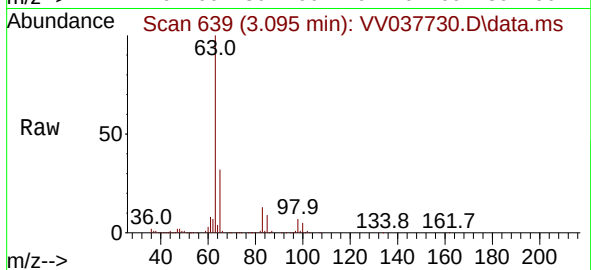
Tgt Ion: 63 Resp: 402840

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 45.831 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

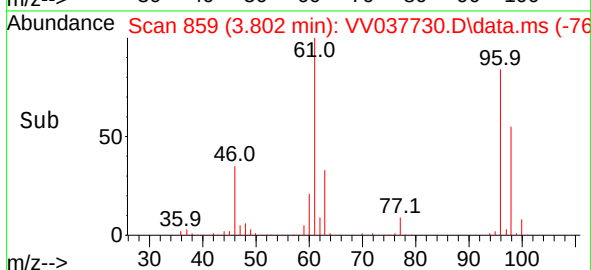
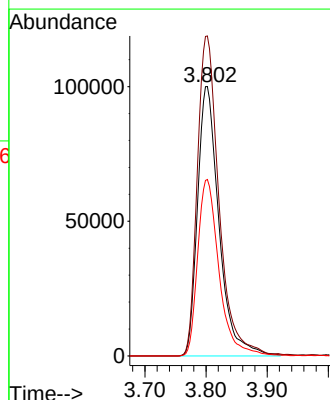
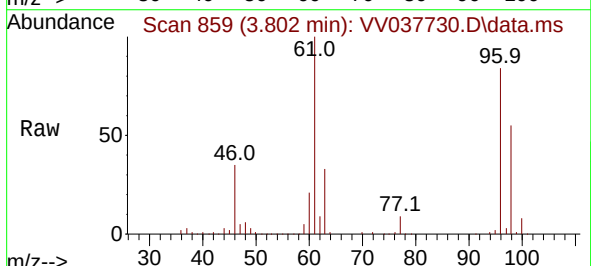
Tgt Ion: 96 Resp: 244203

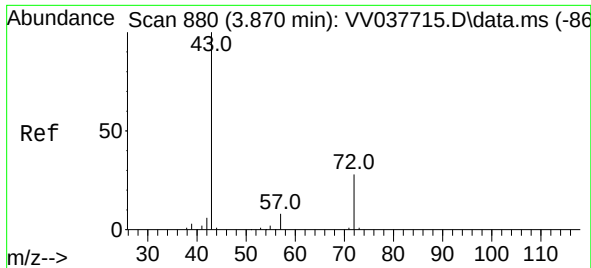
Ion Ratio Lower Upper

96 100

61 118.7 85.0 157.8

98 65.5 44.2 82.0

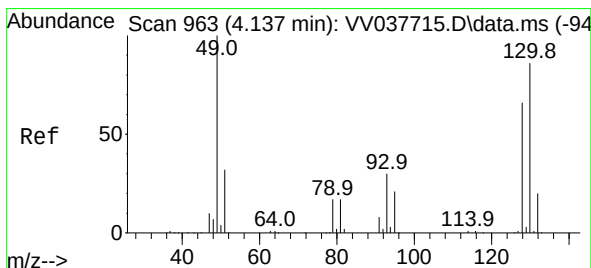
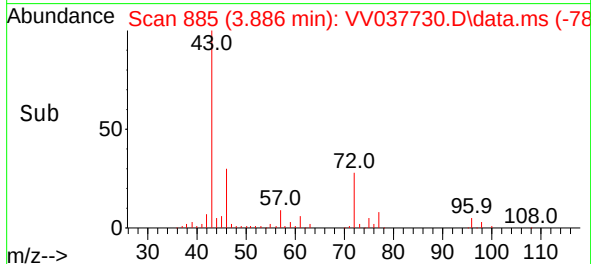
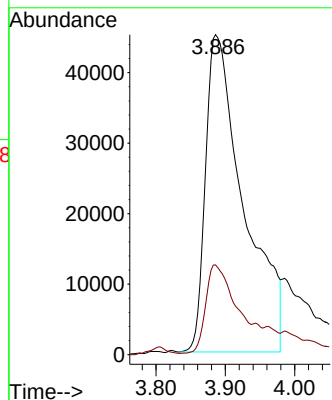
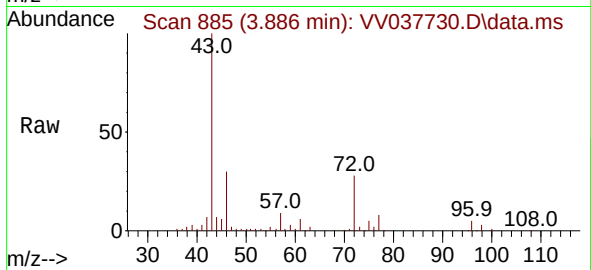




#22
2-Butanone
Concen: 75.183 ug/L
RT: 3.886 min Scan# 880
Delta R.T. 0.016 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

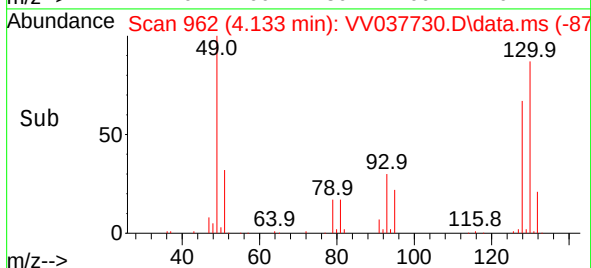
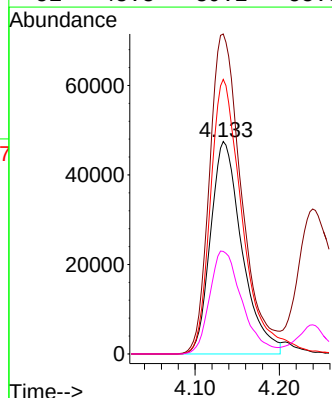
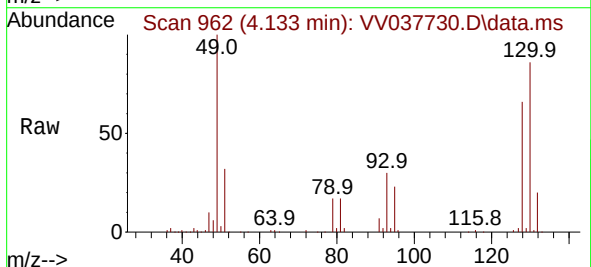
Instrument :
MSVOA_V
ClientSampleId :

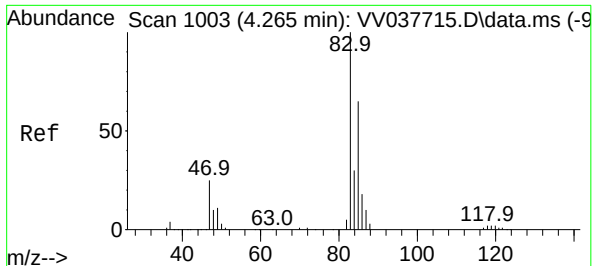
Tgt Ion: 43 Resp: 172439
Ion Ratio Lower Upper
43 100
72 21.4 14.3 42.9



#23
Bromochloromethane
Concen: 44.695 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion:128 Resp: 123189
Ion Ratio Lower Upper
128 100
49 150.6 108.7 201.9
130 129.3 90.4 168.0
51 48.3 39.2 58.8





#25

Chloroform

Concen: 46.168 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

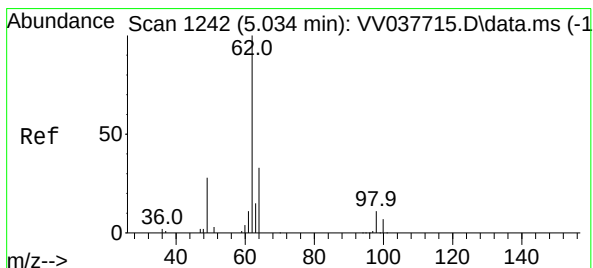
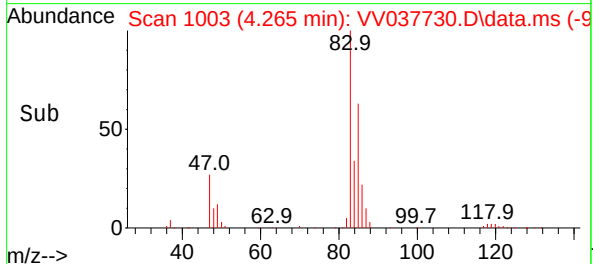
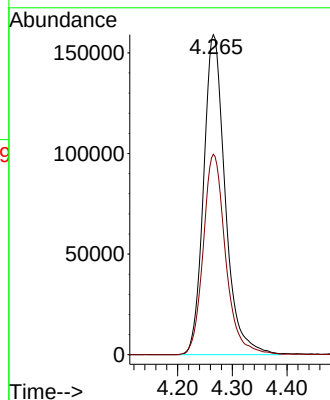
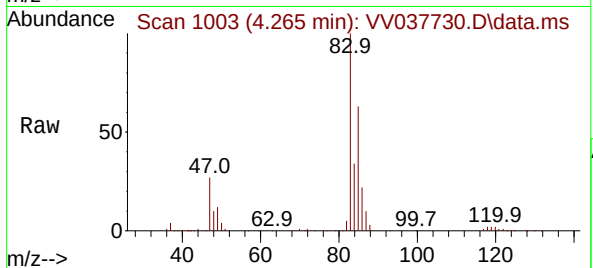
ClientSampleId :

Tgt Ion: 83 Resp: 436075

Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 45.753 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV037730.D

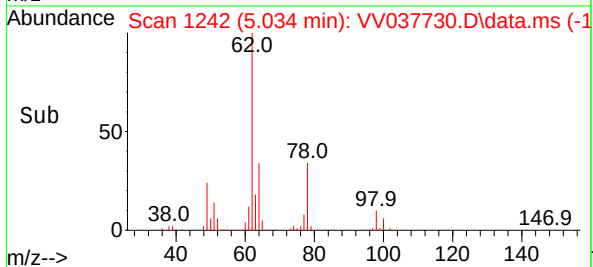
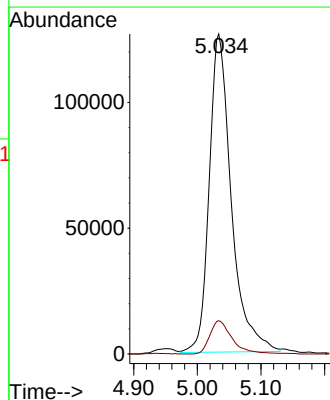
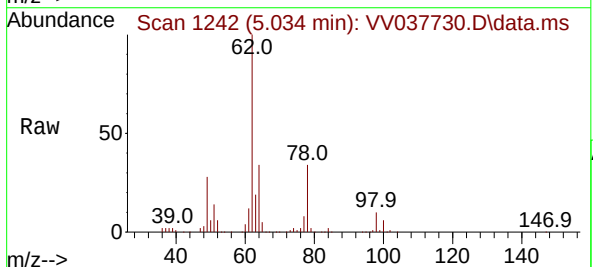
Acq: 11 Oct 2024 14:49

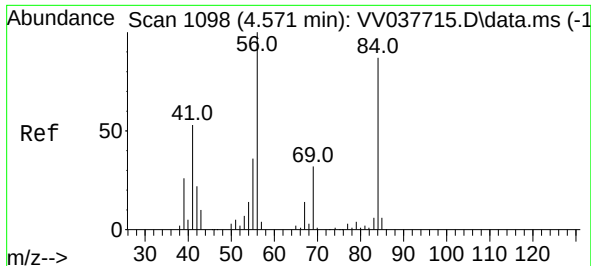
Tgt Ion: 62 Resp: 305085

Ion Ratio Lower Upper

62 100

98 10.4 8.4 12.6





#29

Cyclohexane

Concen: 42.472 ug/L

RT: 4.564 min Scan# 1096

Delta R.T. -0.007 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

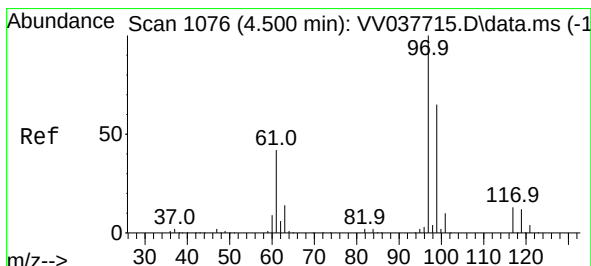
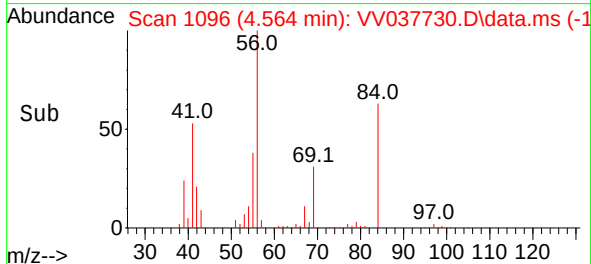
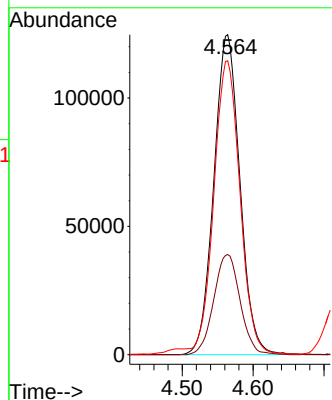
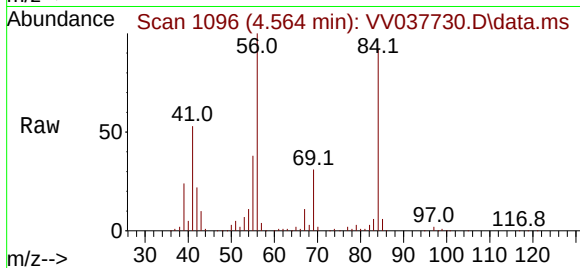
Tgt Ion: 56 Resp: 317981

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 91.6 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 44.967 ug/L

RT: 4.497 min Scan# 1075

Delta R.T. -0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

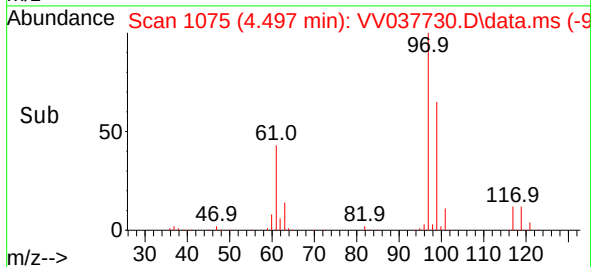
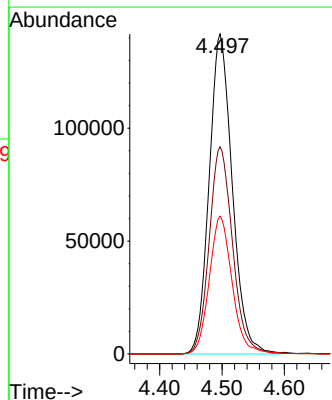
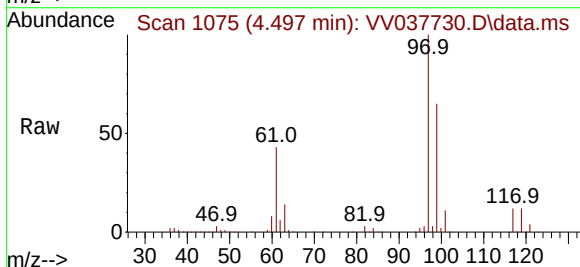
Tgt Ion: 97 Resp: 365202

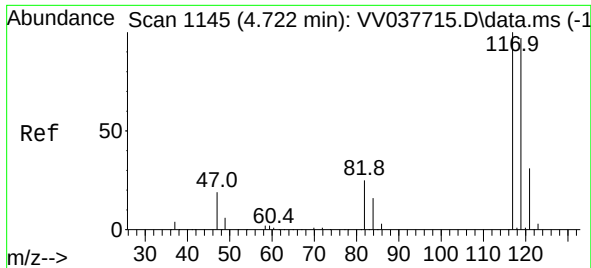
Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

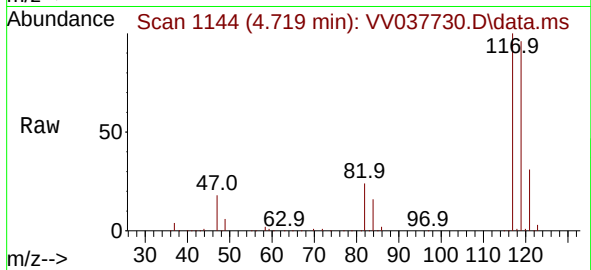
61 42.4 33.6 50.4



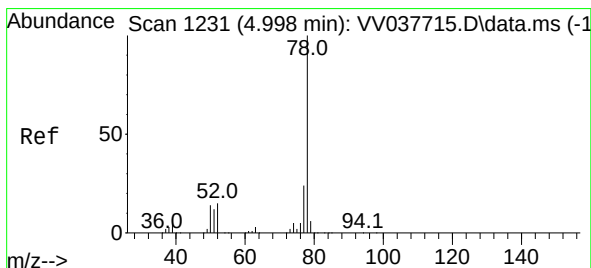
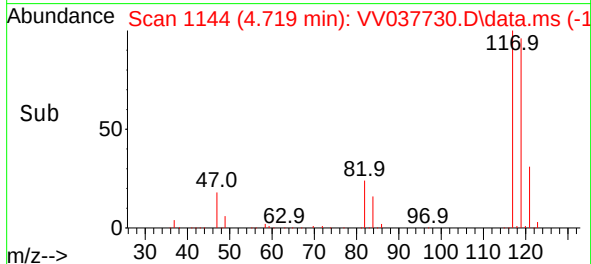
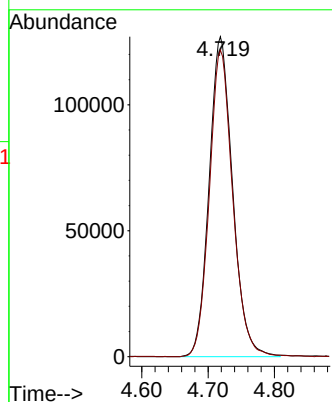


#31
Carbon tetrachloride
Concen: 44.237 ug/L
RT: 4.719 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Instrument :
MSVOA_V
ClientSampleId :

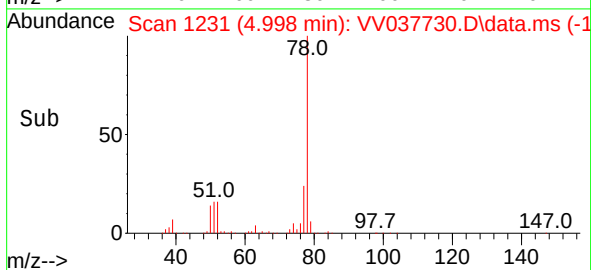
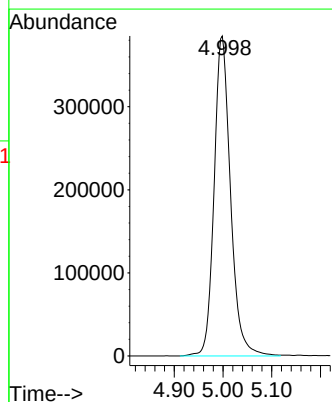
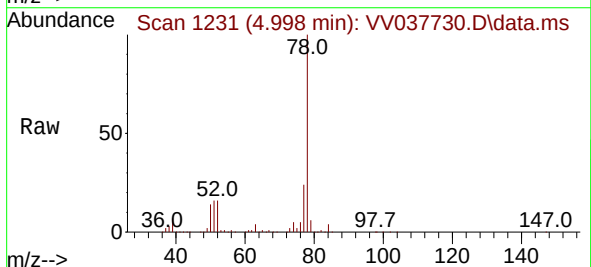


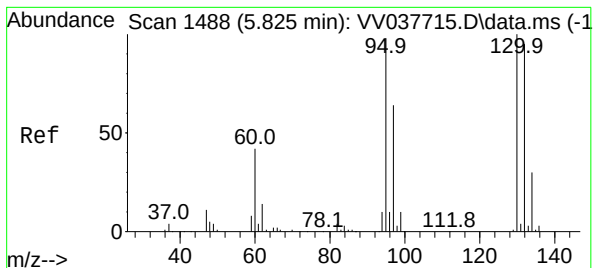
Tgt Ion:117 Resp: 312355
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 45.327 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 78 Resp: 901413





#34

Trichloroethene

Concen: 45.156 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 239150

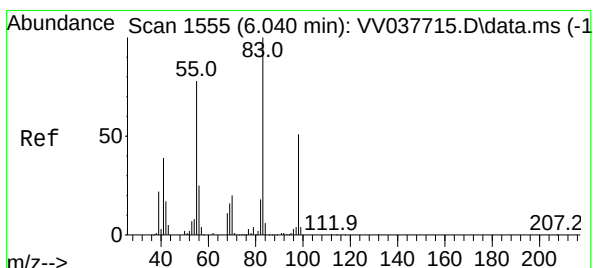
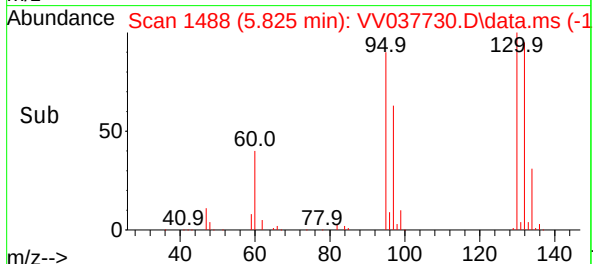
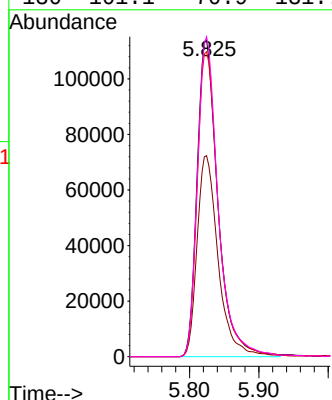
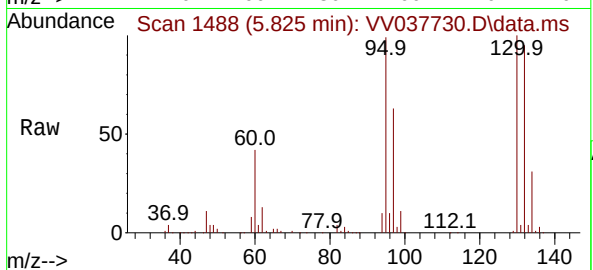
Ion Ratio Lower Upper

95 100

97 63.4 46.3 85.9

132 96.3 68.6 127.4

130 101.1 70.9 131.7



#35

Methylcyclohexane

Concen: 43.507 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

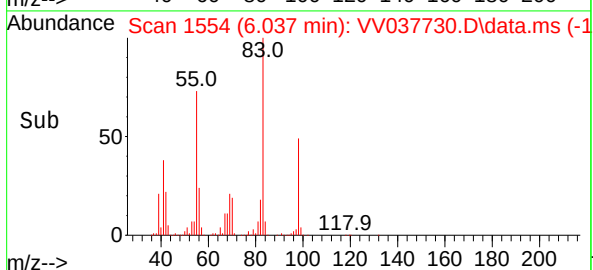
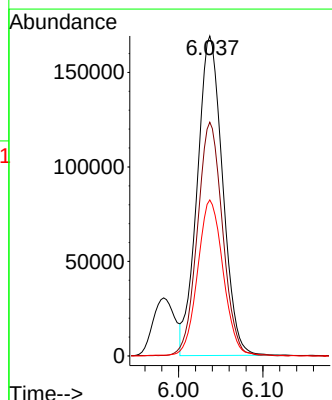
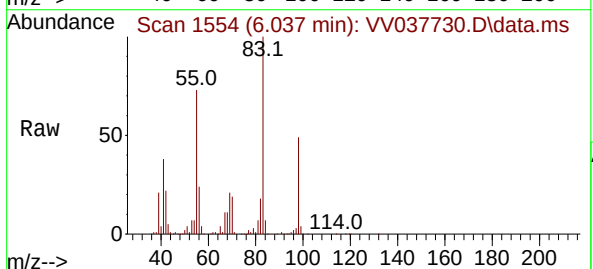
Tgt Ion: 83 Resp: 354474

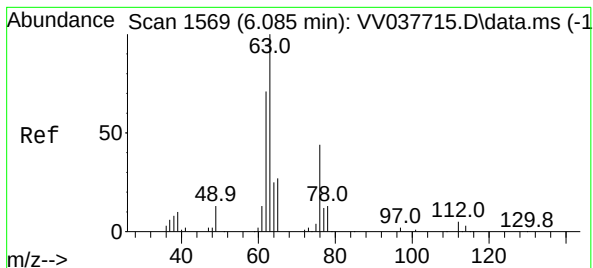
Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 49.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 46.514 ug/L

RT: 6.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

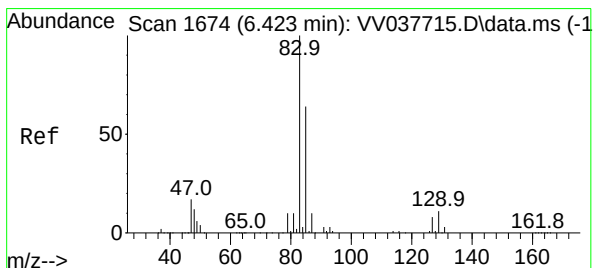
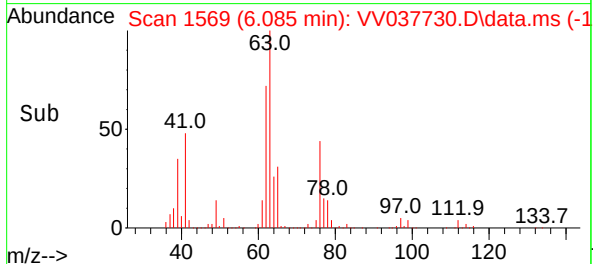
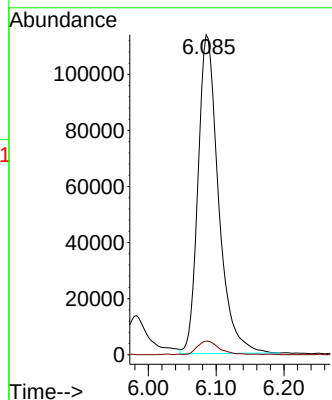
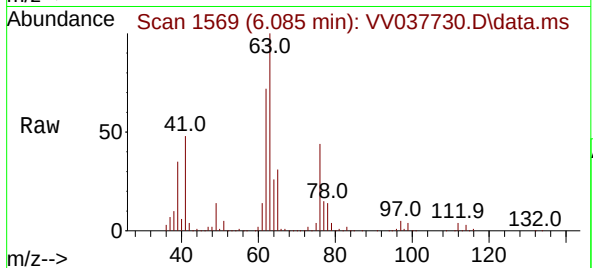
ClientSampleId :

Tgt Ion: 63 Resp: 238868

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 46.908 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

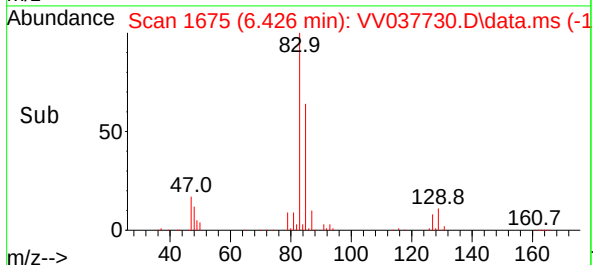
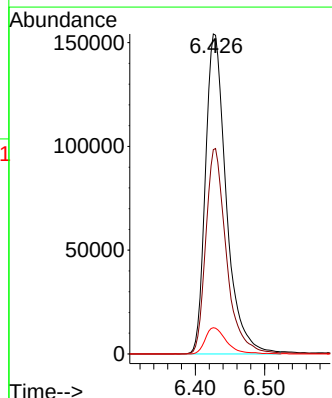
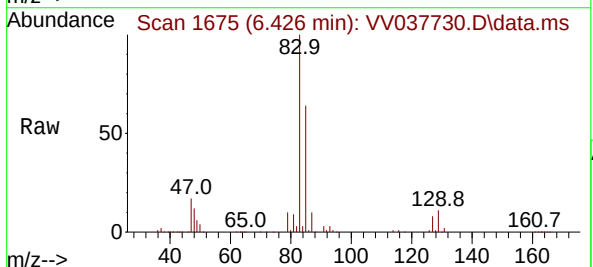
Tgt Ion: 83 Resp: 322020

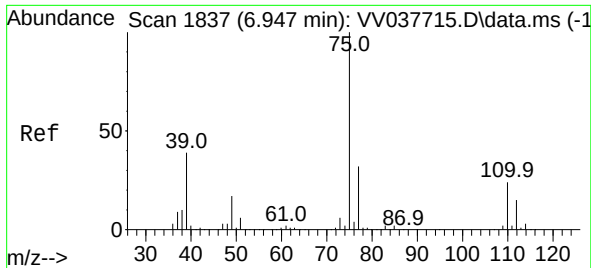
Ion Ratio Lower Upper

83 100

85 63.8 45.7 84.9

127 8.2 7.0 10.4

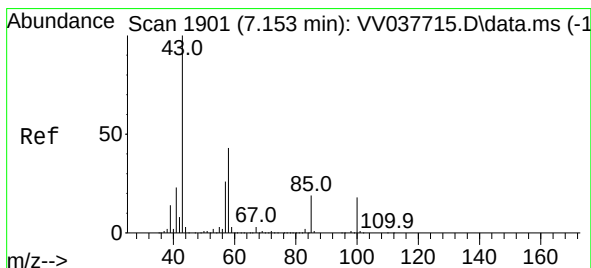
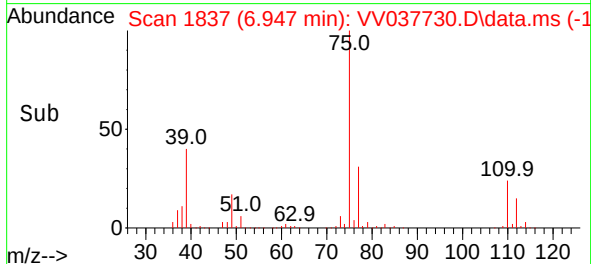
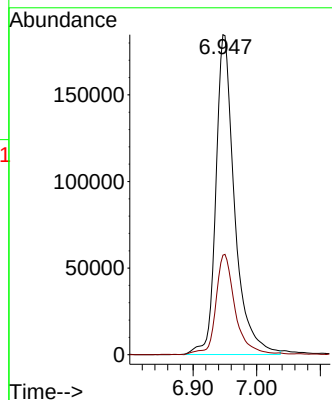
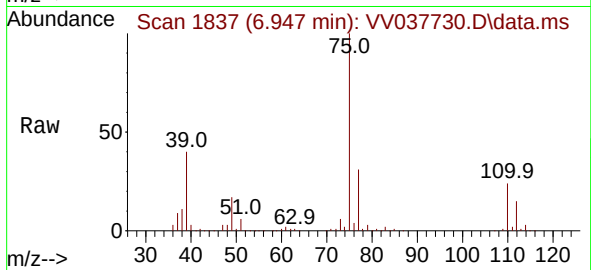




#39
 cis-1,3-Dichloropropene
 Concen: 45.943 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

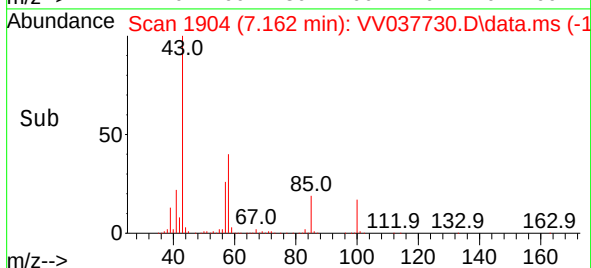
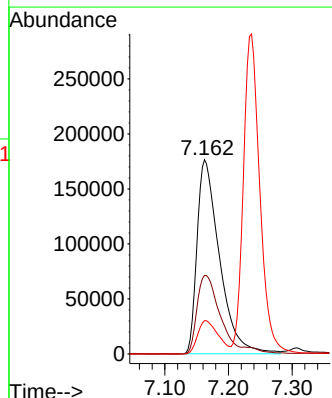
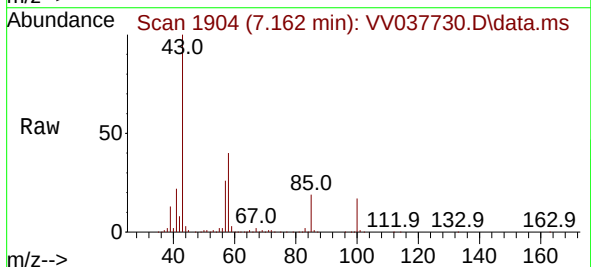
Instrument :
 MSVOA_V
 ClientSampleId :

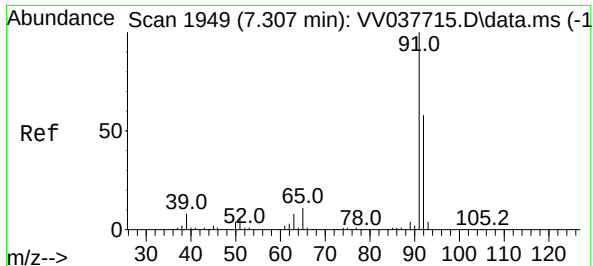
Tgt Ion: 75 Resp: 376620
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 103.519 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.009 min
 Lab File: VV037730.D
 Acq: 11 Oct 2024 14:49

Tgt Ion: 43 Resp: 432840
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.0 49.4
 100 15.6 13.7 20.5





#42

Toluene

Concen: 46.803 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

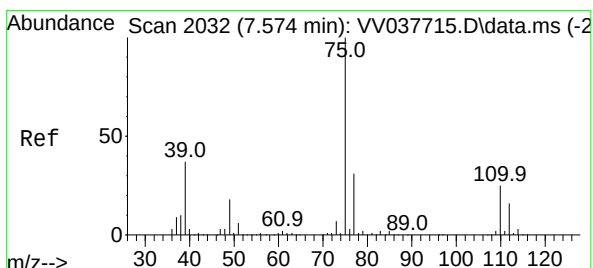
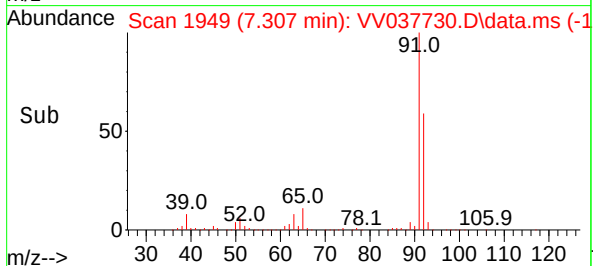
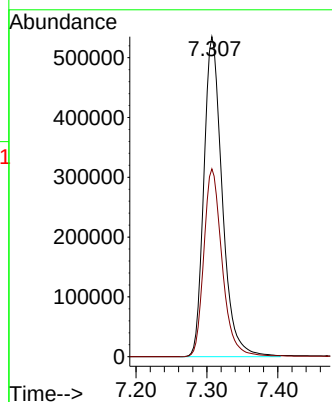
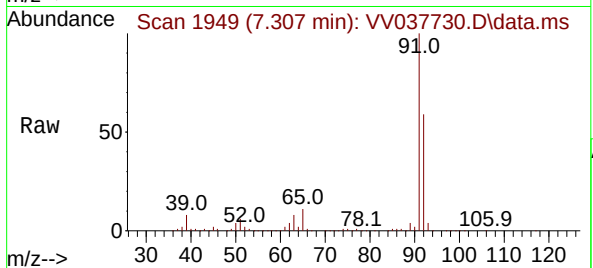
ClientSampleId :

Tgt Ion: 91 Resp: 964922

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 47.459 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037730.D

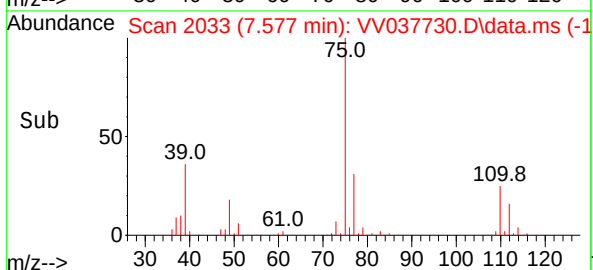
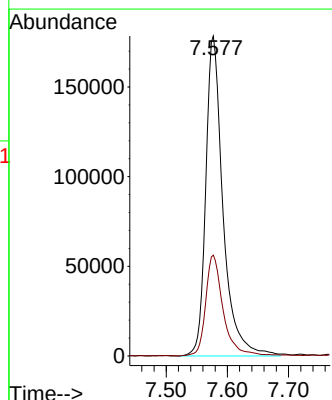
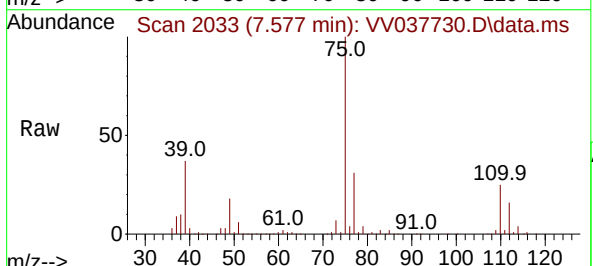
Acq: 11 Oct 2024 14:49

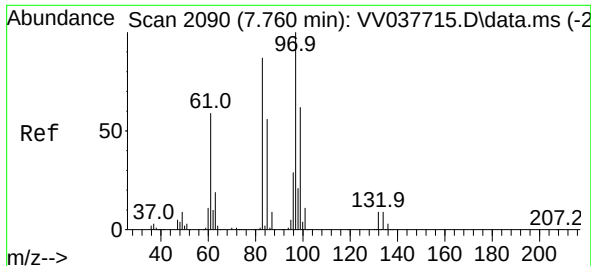
Tgt Ion: 75 Resp: 350257

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7

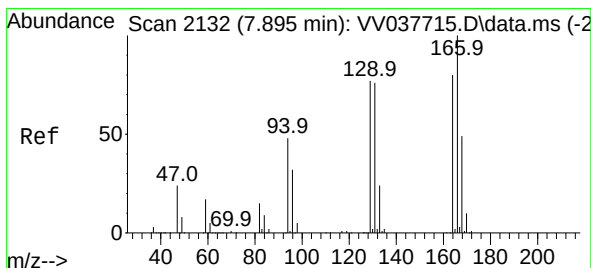
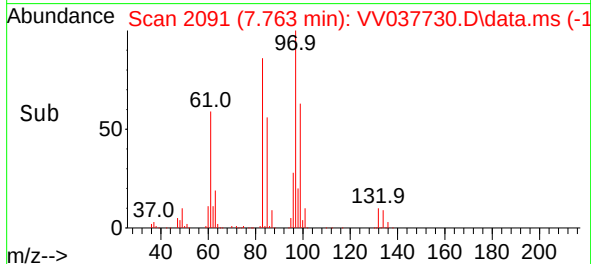
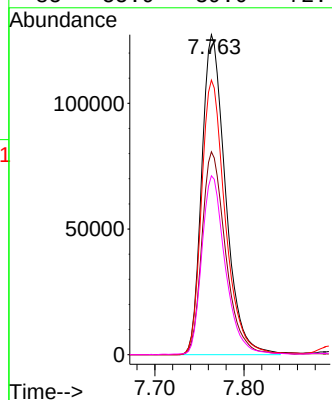
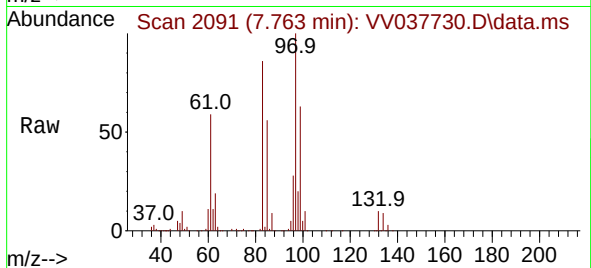




#45
1,1,2-Trichloroethane
Concen: 47.874 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

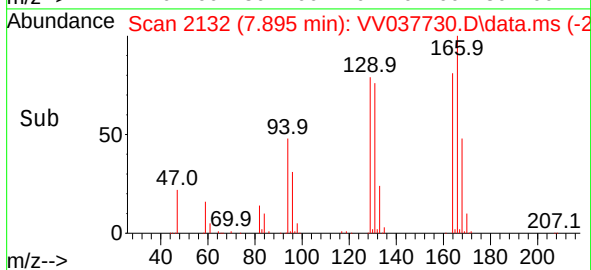
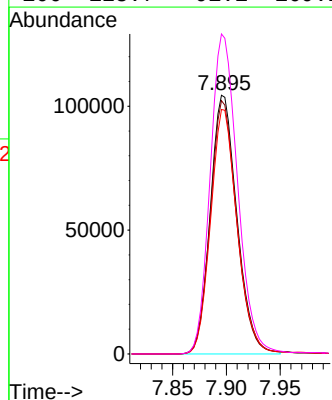
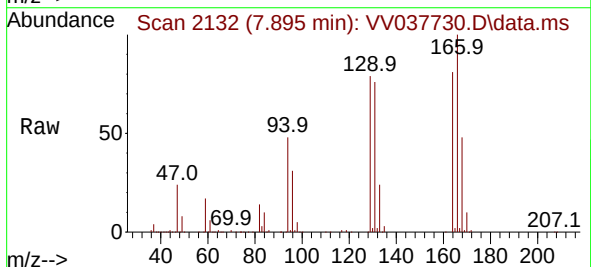
Instrument :
MSVOA_V
ClientSampleId :

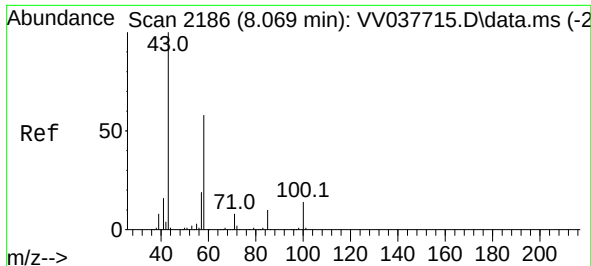
Tgt Ion:	97	Resp:	236067
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.1	81.9
83	85.8	59.3	110.1
85	55.9	39.0	72.4



#46
Tetrachloroethene
Concen: 44.504 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion:	164	Resp:	180208
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.2	126.6
131	94.5	66.1	122.8
166	123.7	91.1	169.1

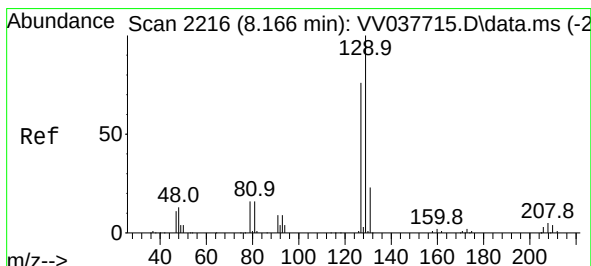
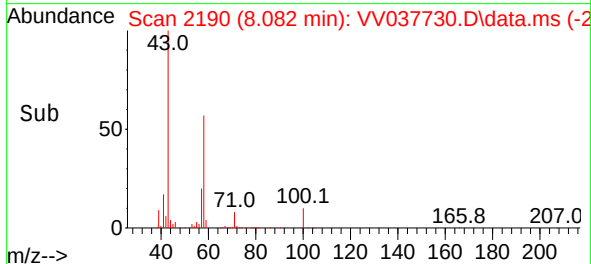
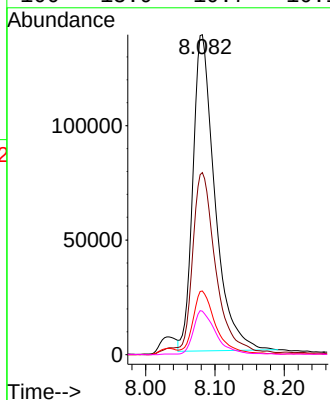
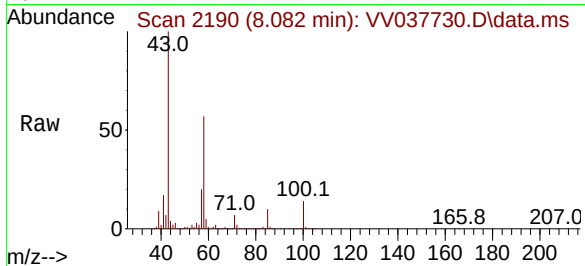




#48
2-Hexanone
Concen: 93.896 ug/L
RT: 8.082 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

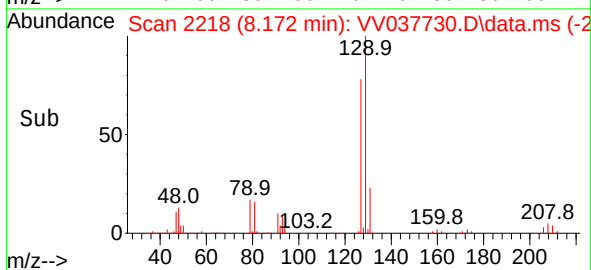
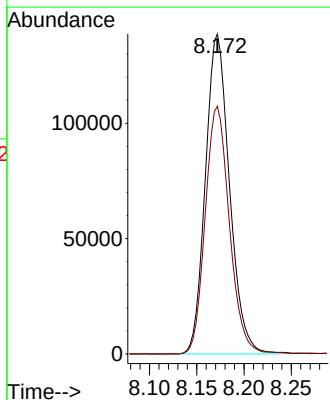
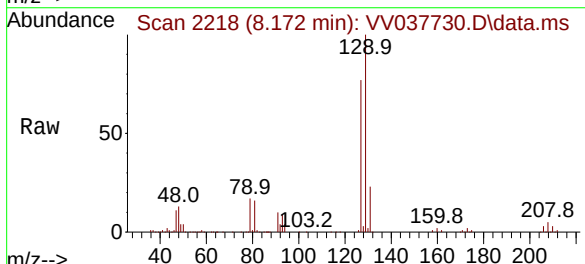
Instrument :
MSVOA_V
ClientSampleId :

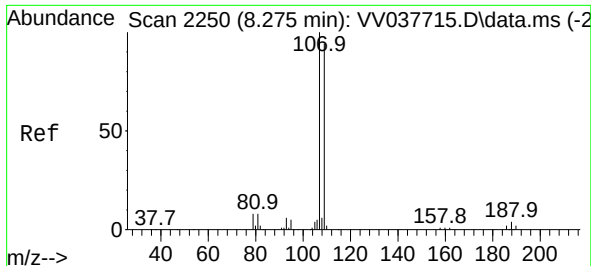
Tgt Ion: 43 Resp: 305283
Ion Ratio Lower Upper
43 100
58 58.3 46.5 69.7
57 20.7 15.1 22.7
100 13.9 10.7 16.1



#49
Dibromochloromethane
Concen: 47.159 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 129 Resp: 246116
Ion Ratio Lower Upper
129 100
127 77.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 46.009 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

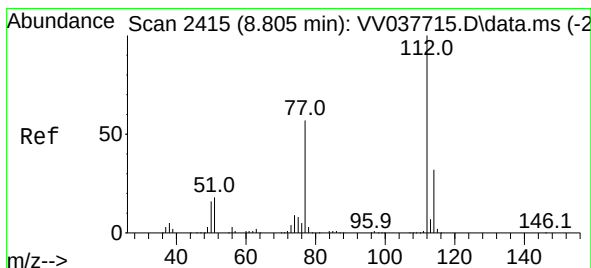
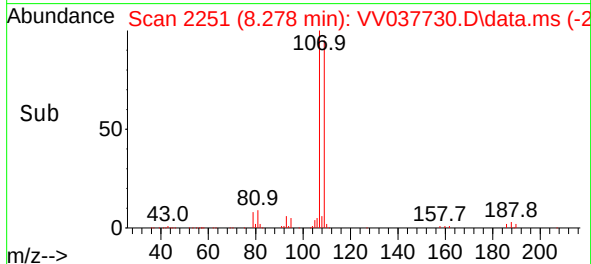
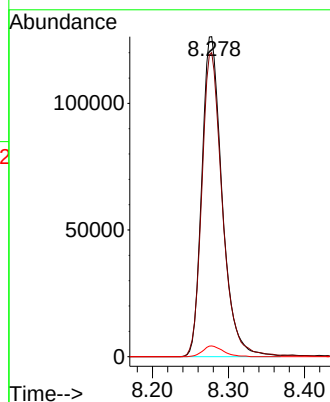
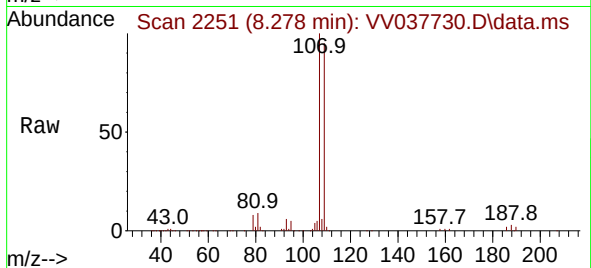
Tgt Ion:107 Resp: 234514

Ion Ratio Lower Upper

107 100

109 95.0 65.7 121.9

188 3.4 2.8 4.2



#51

Chlorobenzene

Concen: 45.746 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

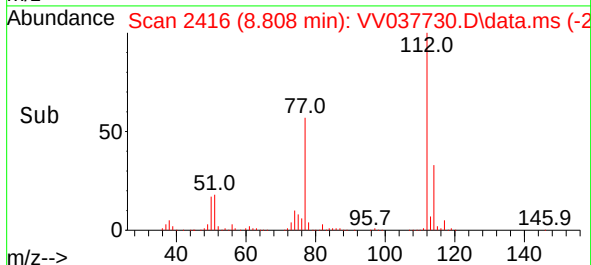
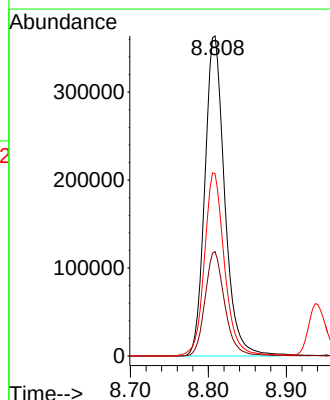
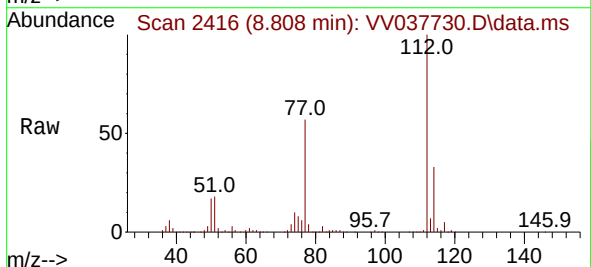
Tgt Ion:112 Resp: 642551

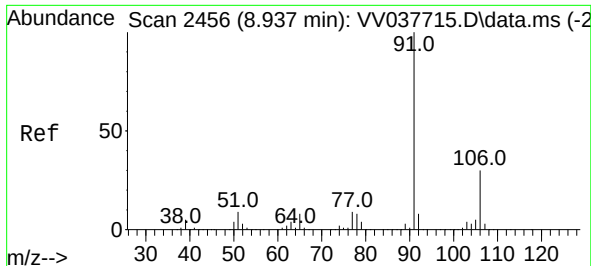
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 57.0 45.8 68.8





#52

Ethylbenzene

Concen: 46.216 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

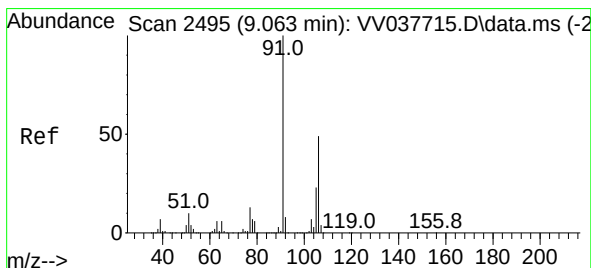
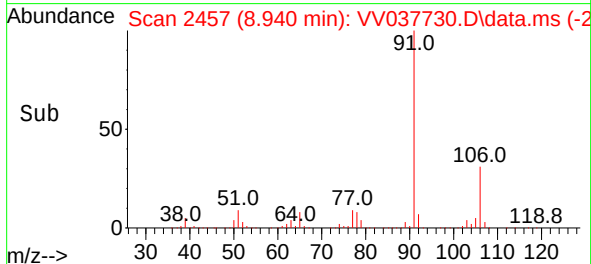
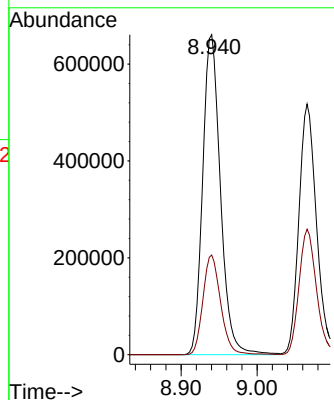
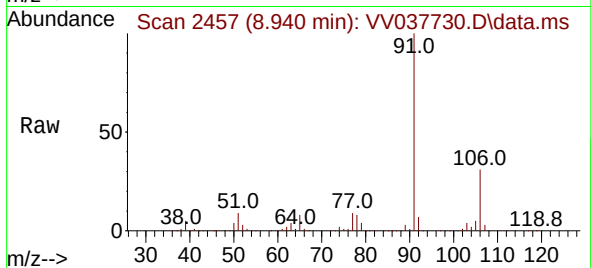
ClientSampleId :

Tgt Ion: 91 Resp: 1072552

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 48.199 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037730.D

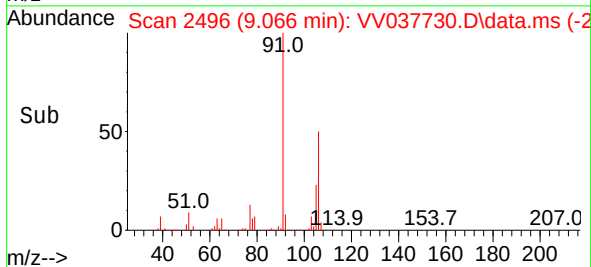
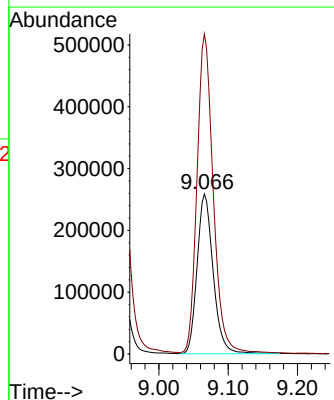
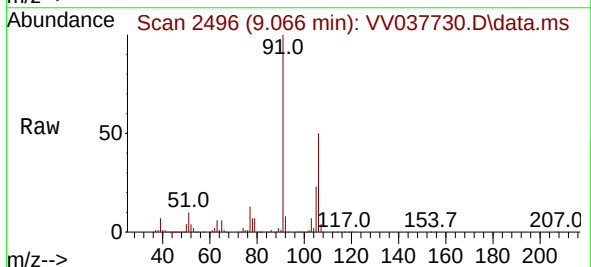
Acq: 11 Oct 2024 14:49

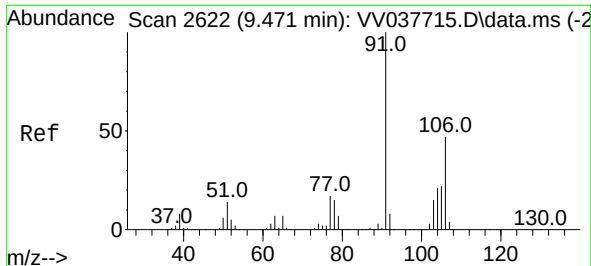
Tgt Ion:106 Resp: 416296

Ion Ratio Lower Upper

106 100

91 199.9 142.0 263.6

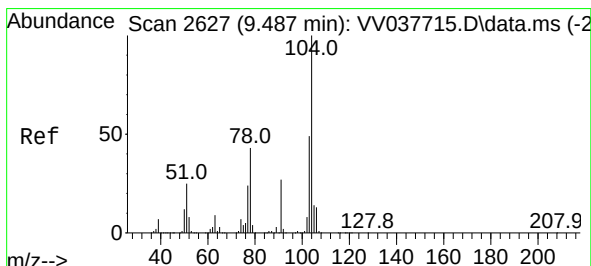
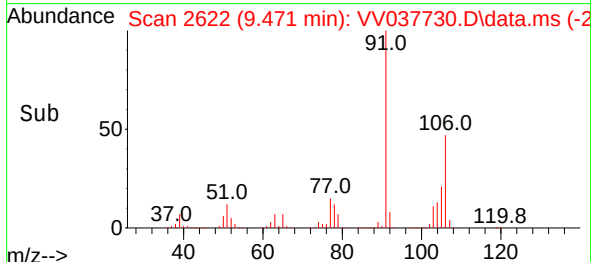
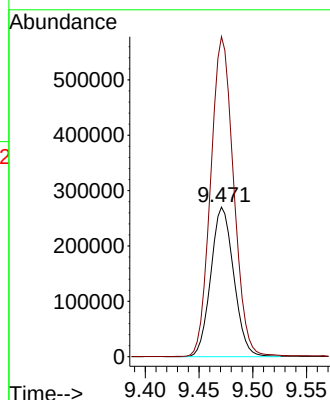
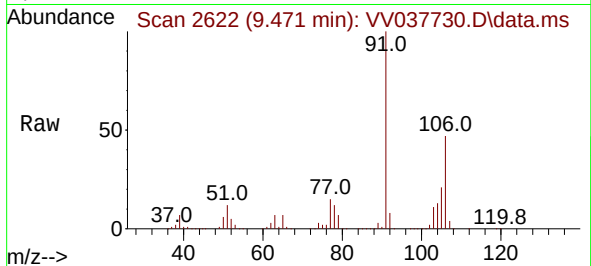




#54
o-Xylene
Concen: 47.590 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

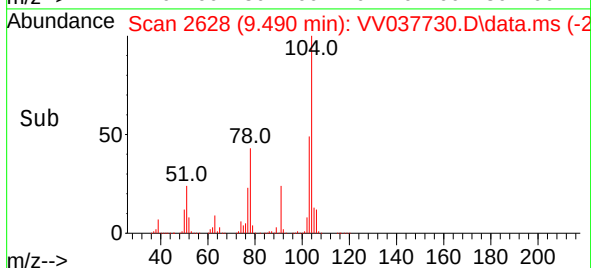
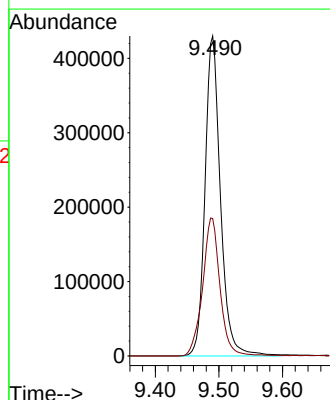
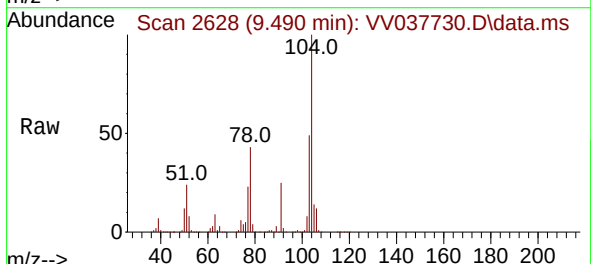
Instrument :
MSVOA_V
ClientSampleId :

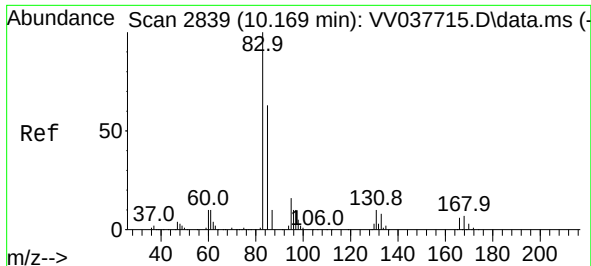
Tgt Ion:106 Resp: 401287
Ion Ratio Lower Upper
106 100
91 214.0 153.9 285.9



#55
Styrene
Concen: 49.448 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion:104 Resp: 725858
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6

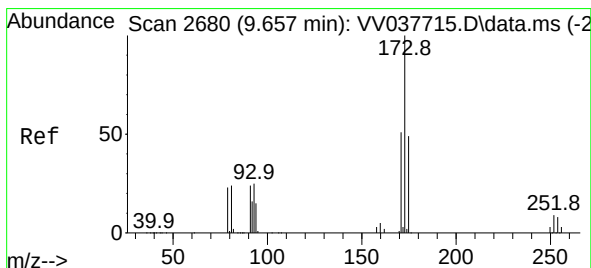
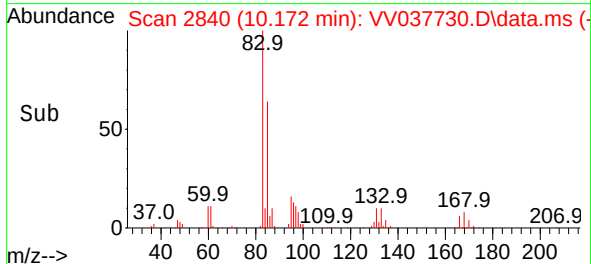
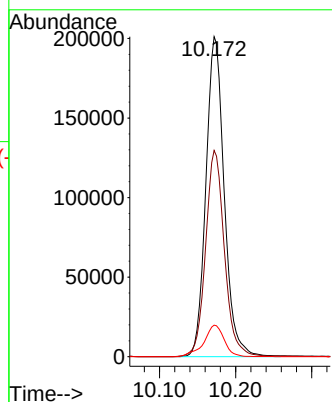
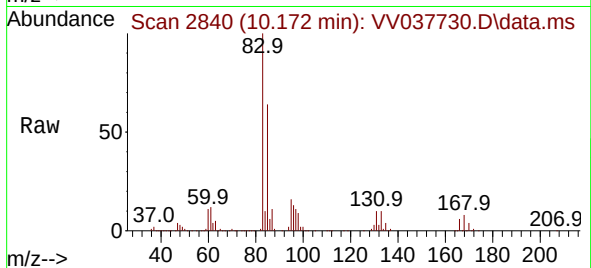




#57
1,1,2,2-Tetrachloroethane
Concen: 48.982 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

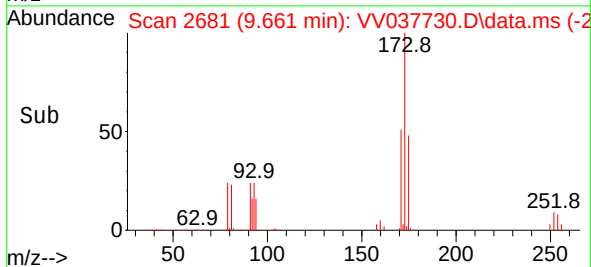
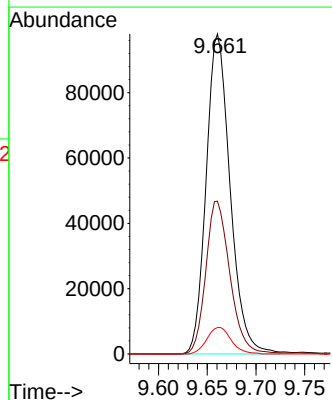
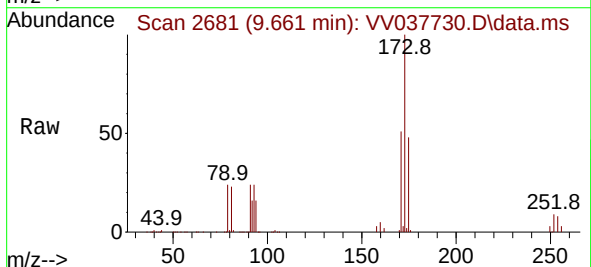
Instrument :
MSVOA_V
ClientSampleId :

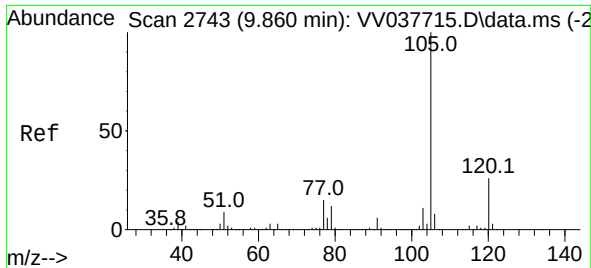
Tgt Ion: 83 Resp: 336743
Ion Ratio Lower Upper
83 100
85 64.4 45.9 85.3
131 9.9 7.9 11.9



#59
Bromoform
Concen: 47.078 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 173 Resp: 167751
Ion Ratio Lower Upper
173 100
175 48.0 40.0 60.0
254 8.4 6.5 9.7

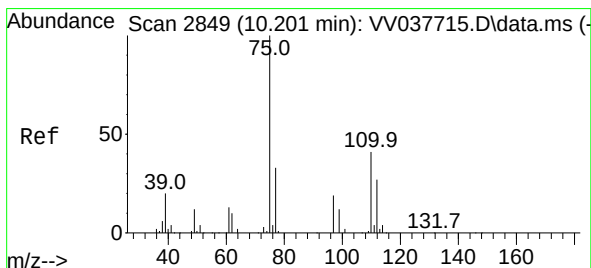
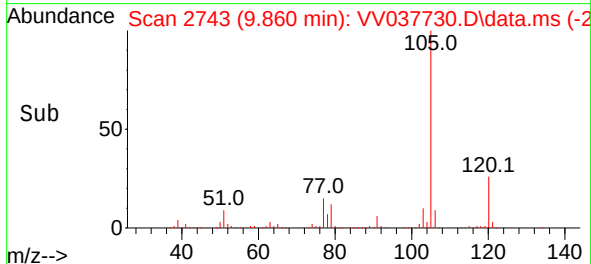
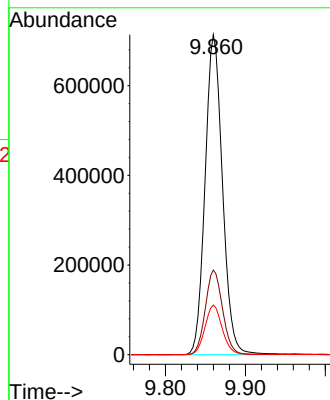
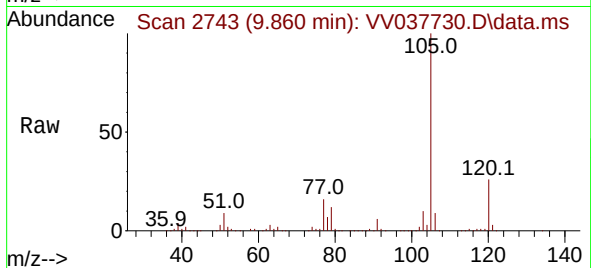




#60
Isopropylbenzene
Concen: 45.647 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

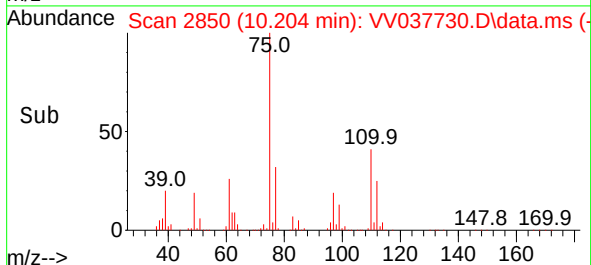
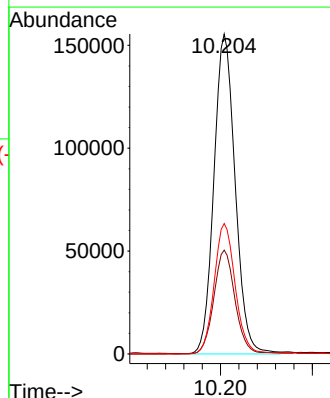
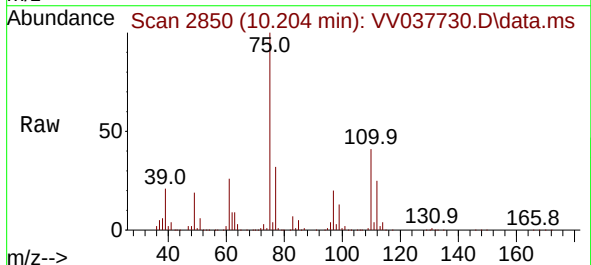
Instrument :
MSVOA_V
ClientSampleId :

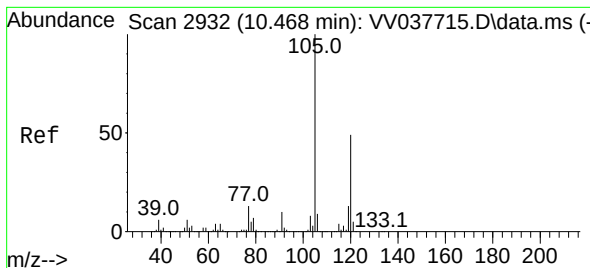
Tgt Ion:105 Resp: 1081932
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.271 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037730.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 75 Resp: 250415
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 40.5 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 46.845 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

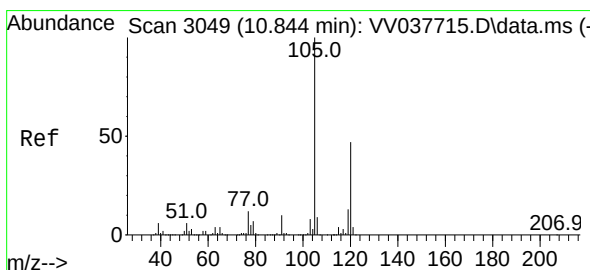
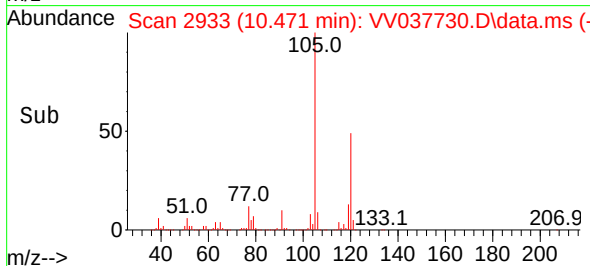
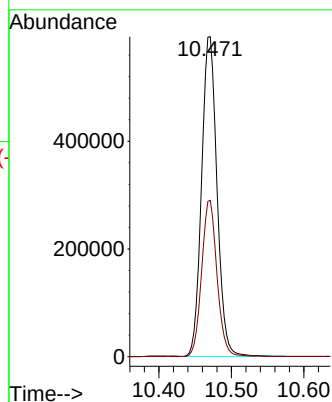
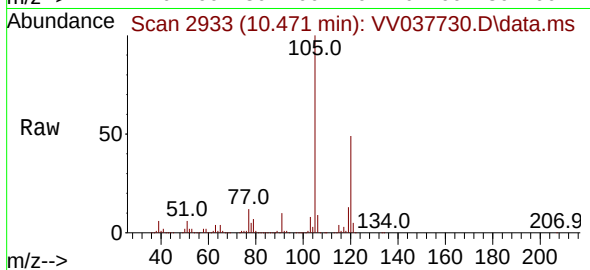
ClientSampleId :

Tgt Ion:105 Resp: 877845

Ion Ratio Lower Upper

105 100

120 48.5 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 47.803 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037730.D

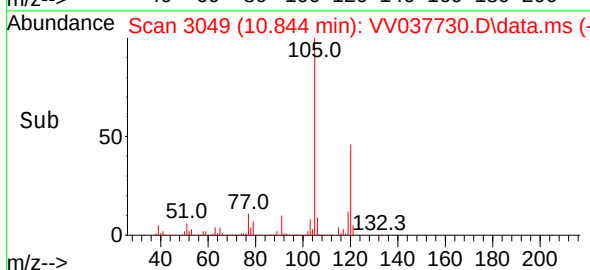
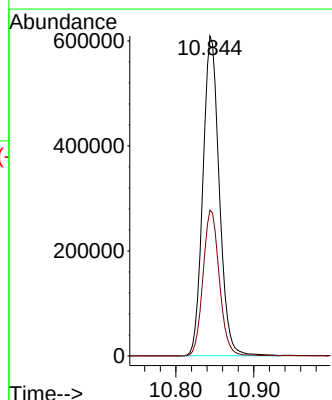
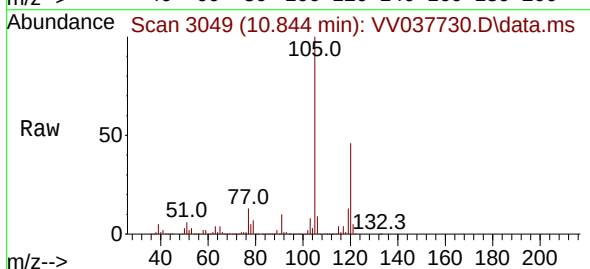
Acq: 11 Oct 2024 14:49

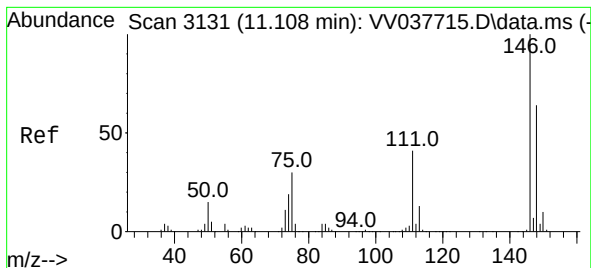
Tgt Ion:105 Resp: 891293

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 46.894 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

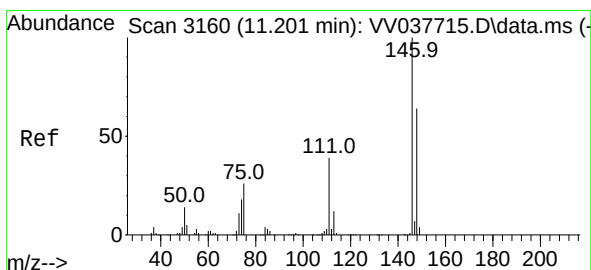
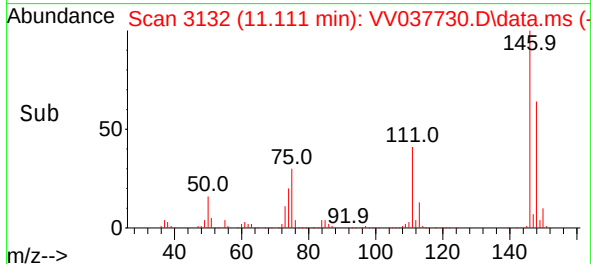
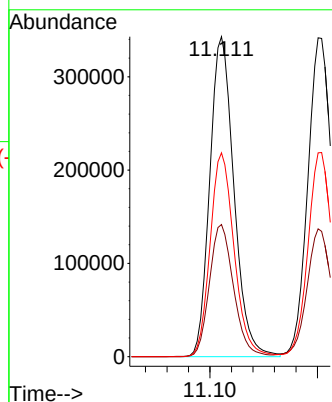
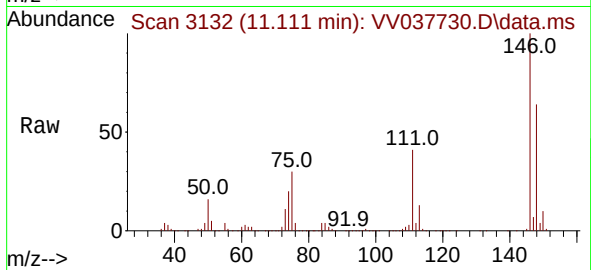
Tgt Ion:146 Resp: 534996

Ion Ratio Lower Upper

146 100

111 41.3 28.3 52.5

148 63.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.630 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

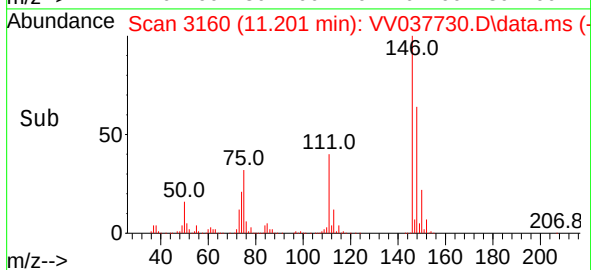
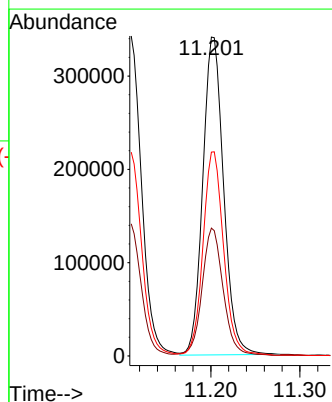
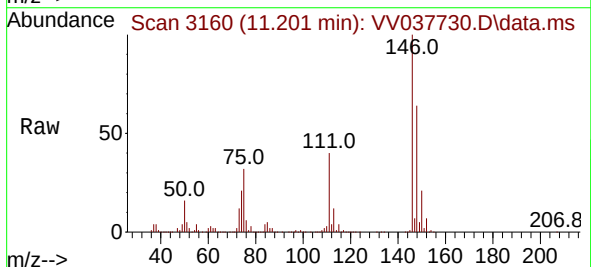
Tgt Ion:146 Resp: 553953

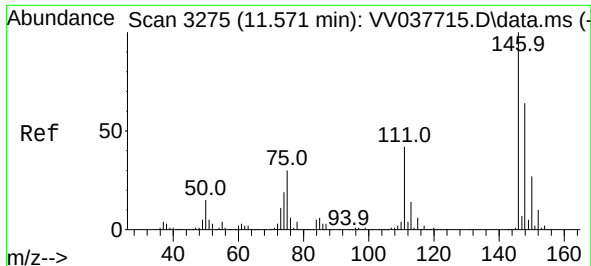
Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

148 63.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.306 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

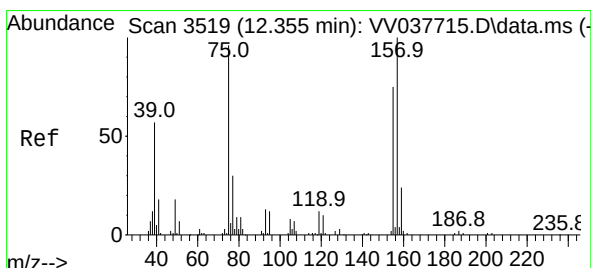
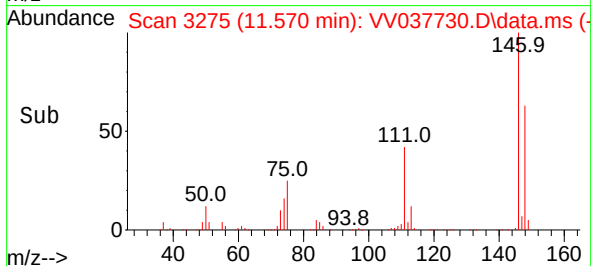
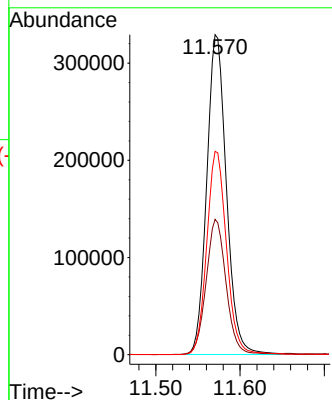
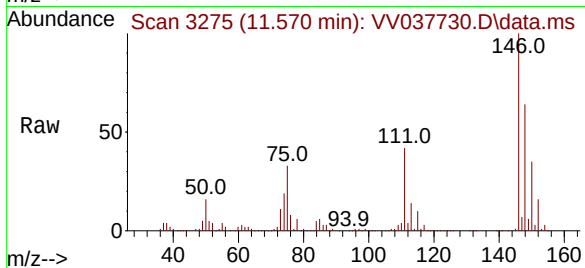
Tgt Ion:146 Resp: 533527

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.2

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.146 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

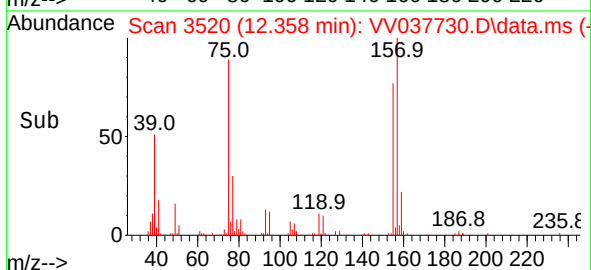
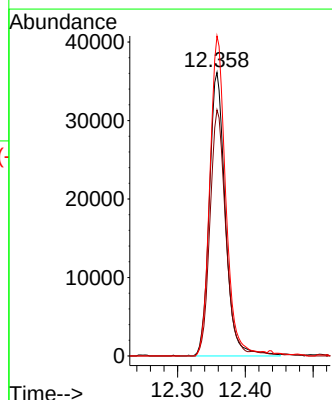
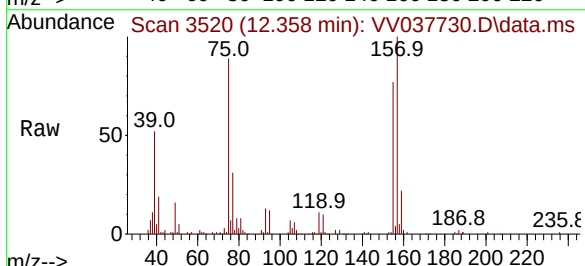
Tgt Ion: 75 Resp: 59371

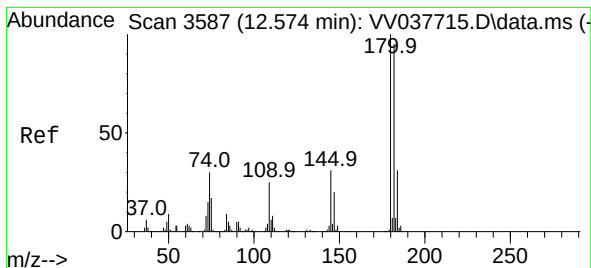
Ion Ratio Lower Upper

75 100

155 86.8 66.2 99.4

157 112.8 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 47.675 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 374038

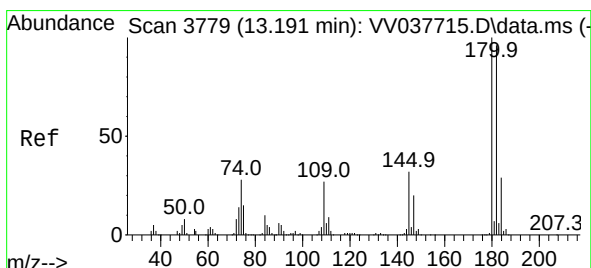
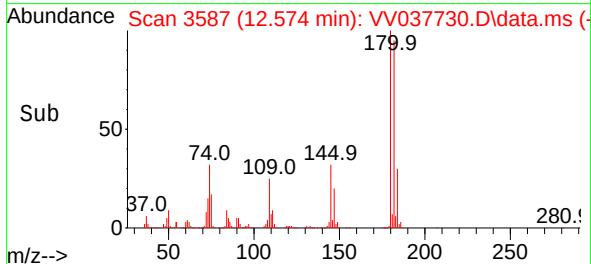
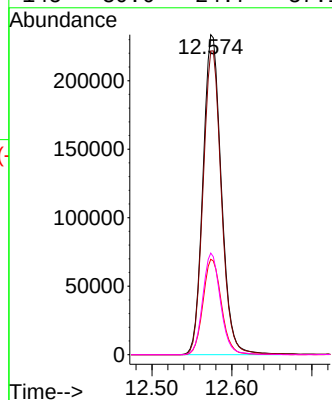
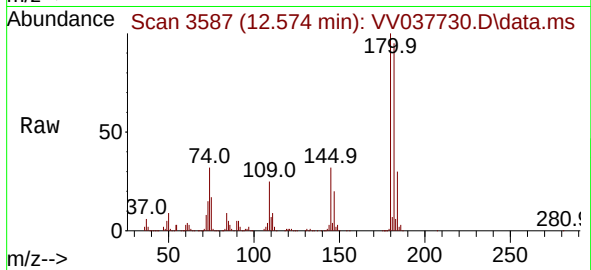
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 29.8 23.8 35.6

145 30.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.905 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

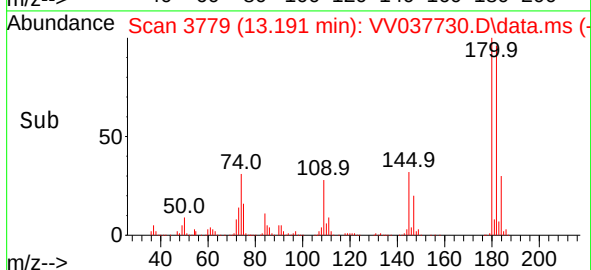
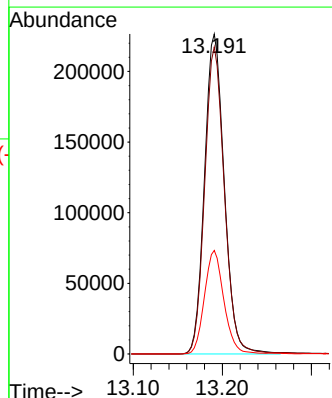
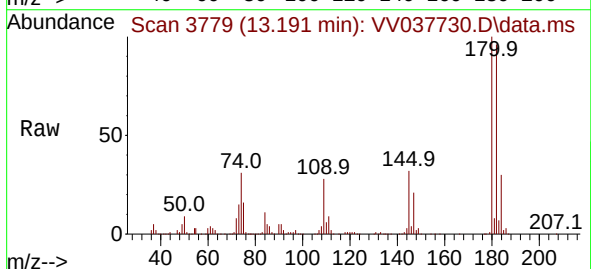
Tgt Ion:180 Resp: 348703

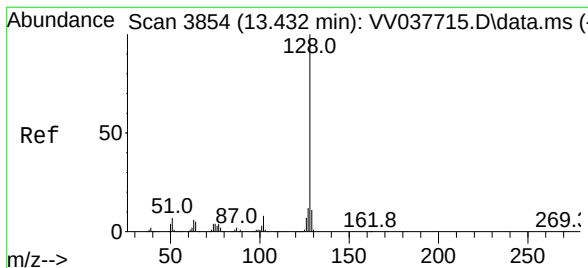
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 50.459 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Instrument :

MSVOA_V

ClientSampleId :

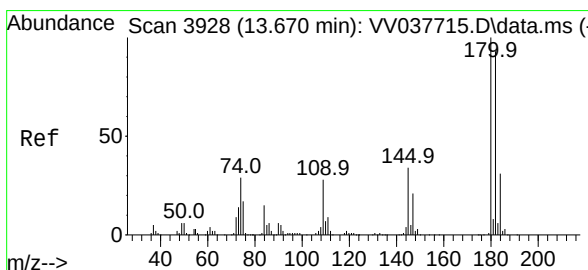
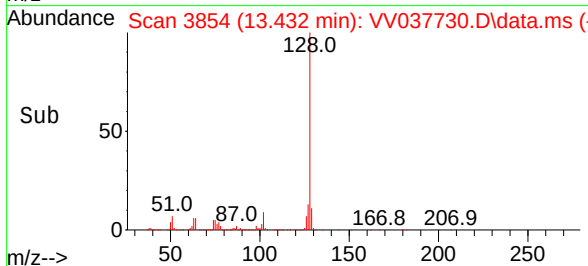
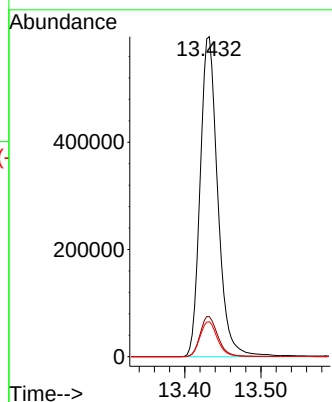
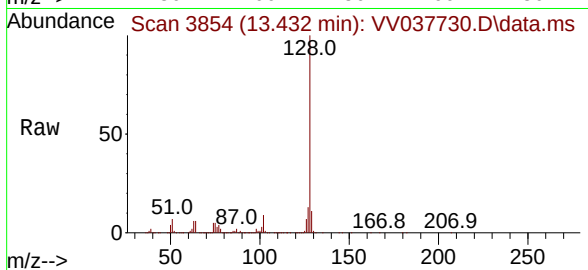
Tgt Ion:128 Resp: 959621

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.753 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037730.D

Acq: 11 Oct 2024 14:49

Tgt Ion:180 Resp: 343262

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.8

145 34.3 26.2 39.4

