

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037715.D
 Acq On : 11 Oct 2024 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 06:02:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	599266	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	598003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	331689	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	203253	38.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.280%
7) Chloroethane-d5	1.532	69	182005	44.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.140%
11) 1,1-Dichloroethene-d2	2.060	65	94004	42.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.540%
21) 2-Butanone-d5	3.790	46	166609	88.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.920%
24) Chloroform-d	4.240	84	458939	49.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	4.934	65	263450	48.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	4.950	84	865016	46.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	5.979	67	275821	46.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.580%
41) Toluene-d8	7.233	98	789613	46.535	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	7.545	79	122080	44.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.200%
47) 2-Hexanone-d5	8.021	63	101045	80.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.310%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	317820	45.904	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	309525	44.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	242820	47.597	ug/L	99
3) Chloromethane	1.217	50	234450	47.337	ug/L	99
5) Vinyl chloride	1.285	62	253209	47.687	ug/L	99
6) Bromomethane	1.487	94	151748	51.498	ug/L	98
8) Chloroethane	1.548	64	159869	48.849	ug/L	98
9) Trichlorofluoromethane	1.716	101	365005	51.069	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	224319	52.521	ug/L	100
12) 1,1-Dichloroethene	2.069	96	201426	50.488	ug/L	84
13) Acetone	2.111	43	158354	86.211	ug/L	99
14) Carbon disulfide	2.240	76	555528	44.609	ug/L	99
15) Methyl Acetate	2.372	43	152868	47.689	ug/L	99
16) Methylene chloride	2.442	84	229984	50.912	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	215744	51.116	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	615149	50.801	ug/L	100
19) 1,1-Dichloroethane	3.101	63	419450	51.870	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	237495	50.284	ug/L	99
22) 2-Butanone	3.870	43	176315	86.724	ug/L	96
23) Bromochloromethane	4.137	128	125921	51.540	ug/L	98
25) Chloroform	4.265	83	439077	52.443	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037715.D
 Acq On : 11 Oct 2024 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

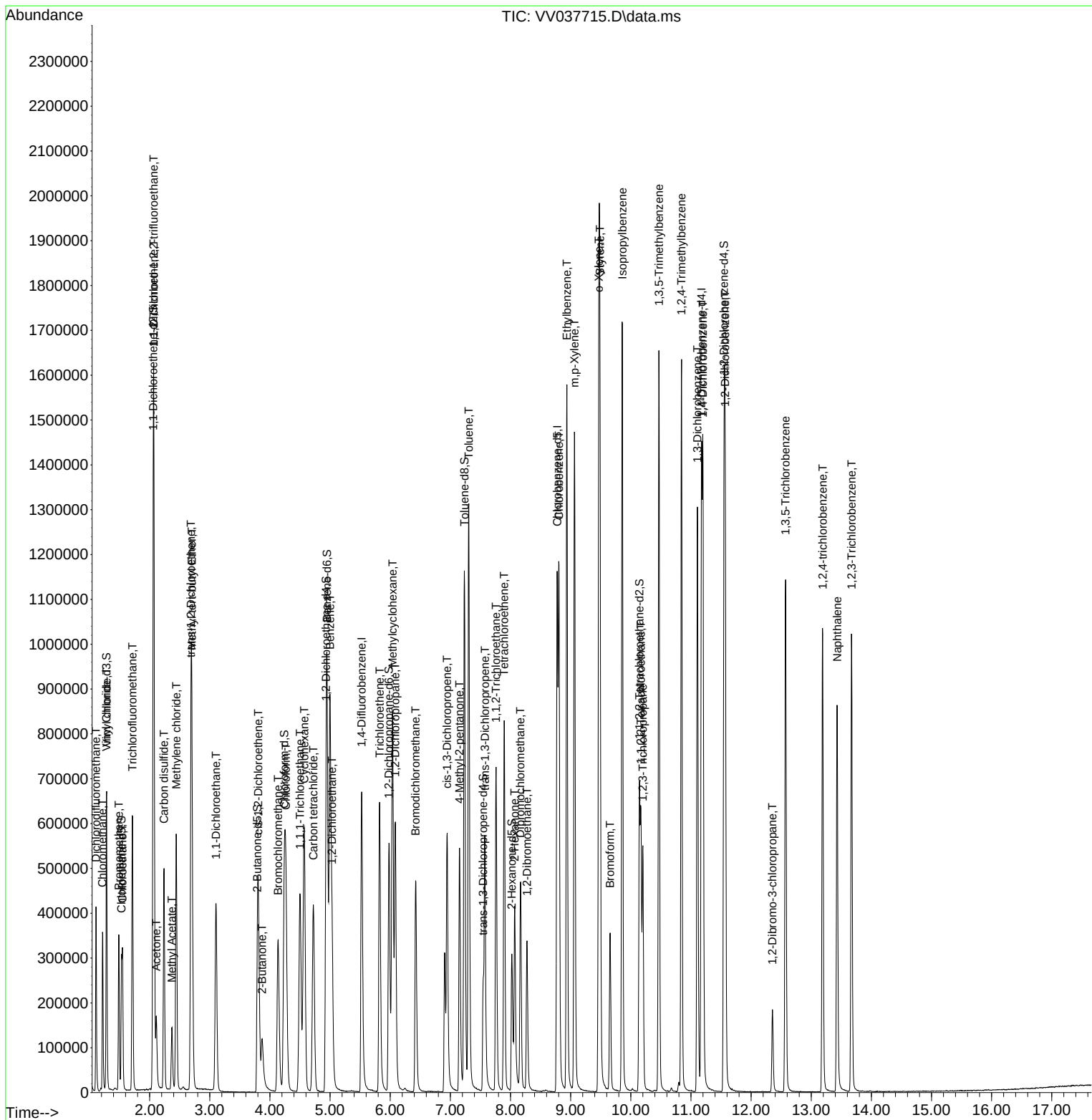
Instrument :
 MSVOA_V
 ClientSampleId :

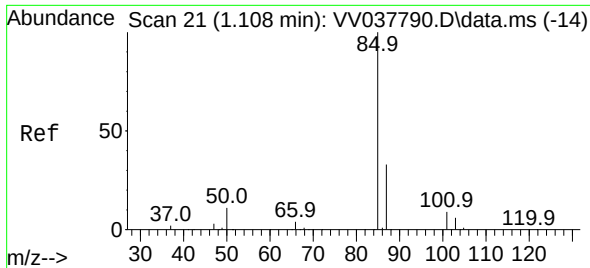
Quant Time: Oct 14 06:02:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	305596	51.703	ug/L	100
29) Cyclohexane	4.571	56	315373	46.449	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	371637	50.459	ug/L	100
31) Carbon tetrachloride	4.722	117	321914	50.273	ug/L	100
33) Benzene	4.998	78	913712	50.663	ug/L	100
34) Trichloroethene	5.825	95	239790	49.925	ug/L	99
35) Methylcyclohexane	6.040	83	357497	48.384	ug/L	99
37) 1,2-Dichloropropane	6.085	63	242373	52.043	ug/L	100
38) Bromodichloromethane	6.423	83	325632	52.305	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	375423	50.500	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	344987	90.980	ug/L	99
42) Toluene	7.307	91	976431	52.224	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	334454	49.971	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	227714	50.922	ug/L	99
46) Tetrachloroethene	7.895	164	182886	49.803	ug/L	98
48) 2-Hexanone	8.069	43	255506	86.656	ug/L	98
49) Dibromochloromethane	8.166	129	247459	52.285	ug/L	98
50) 1,2-Dibromoethane	8.275	107	223468	48.343	ug/L	100
51) Chlorobenzene	8.805	112	642139	50.411	ug/L	100
52) Ethylbenzene	8.937	91	1075360	51.095	ug/L	98
53) m,p-Xylene	9.063	106	413435	52.783	ug/L	99
54) o-Xylene	9.471	106	393025	51.396	ug/L	94
55) Styrene	9.487	104	727350	54.638	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	300418	48.185	ug/L	98
59) Bromoform	9.657	173	157139	48.472	ug/L	97
60) Isopropylbenzene	9.860	105	1082810	50.213	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	215431	45.644	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	854095	50.097	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	857297	50.539	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	523746	50.459	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	547340	50.641	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	507159	49.426	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	49227	42.967	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	345666	48.427	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	305312	46.102	ug/L	100
71) Naphthalene	13.432	128	710548	41.066	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	302599	46.270	ug/L	99

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

Quant Time: Oct 14 06:02:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 05:10:27 2024
Response via : Initial Calibration

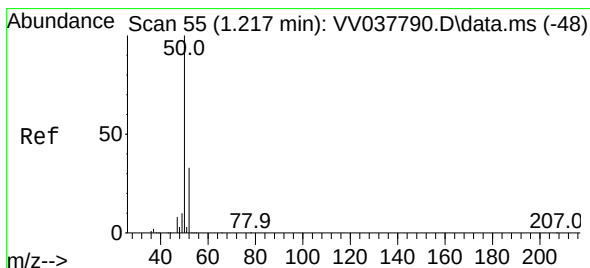
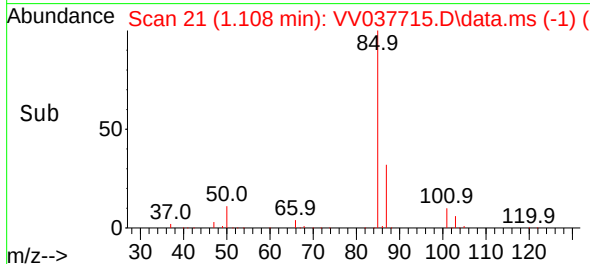
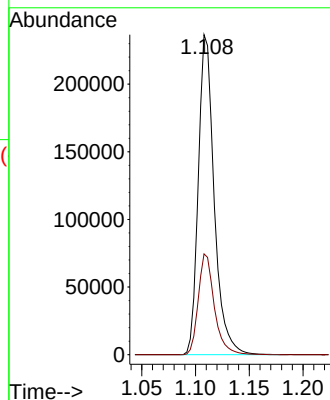
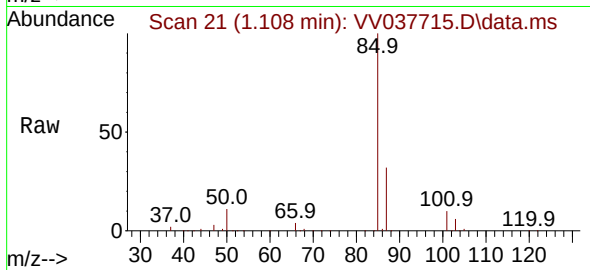




#2
 Dichlorodifluoromethane
 Concen: 47.597 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037715.D
 Acq: 11 Oct 2024 09:09

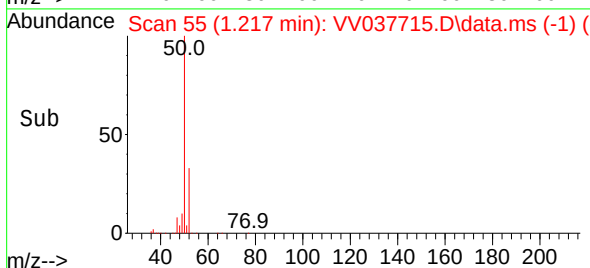
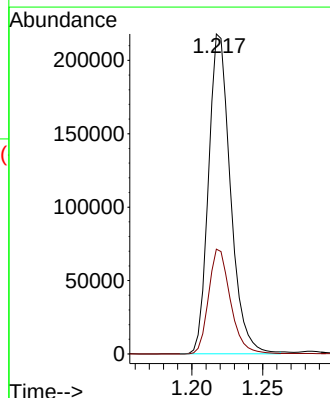
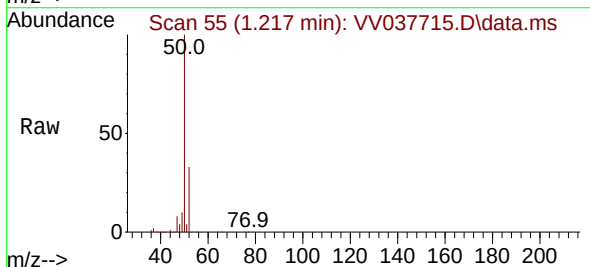
Instrument :
 MSVOA_V
 ClientSampleId :

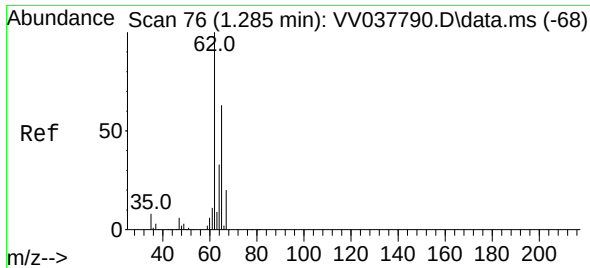
Tgt Ion: 85 Resp: 242820
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.8



#3
 Chloromethane
 Concen: 47.337 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037715.D
 Acq: 11 Oct 2024 09:09

Tgt Ion: 50 Resp: 234450
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

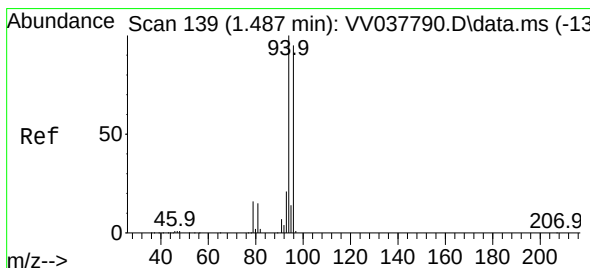
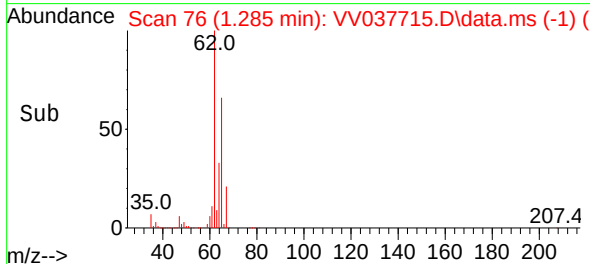
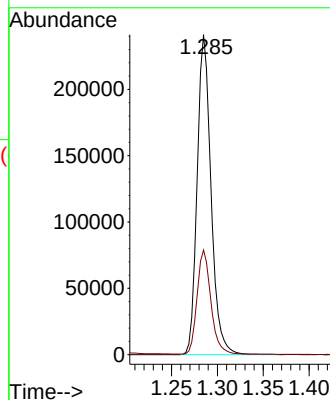
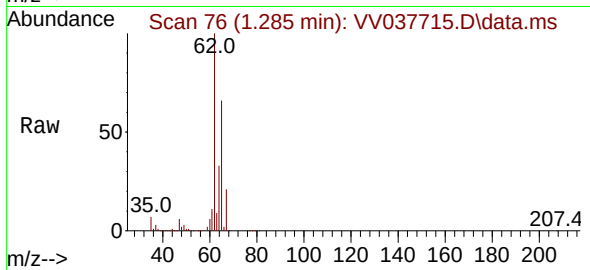




#5
 Vinyl chloride
 Concen: 47.687 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037715.D
 Acq: 11 Oct 2024 09:09

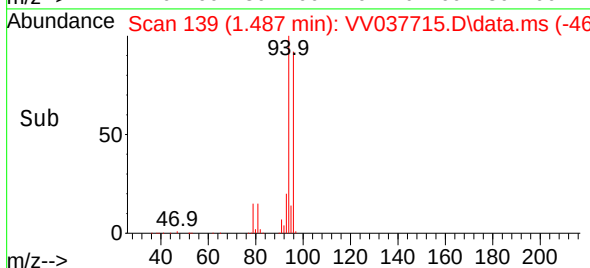
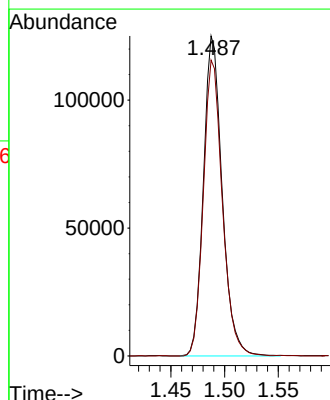
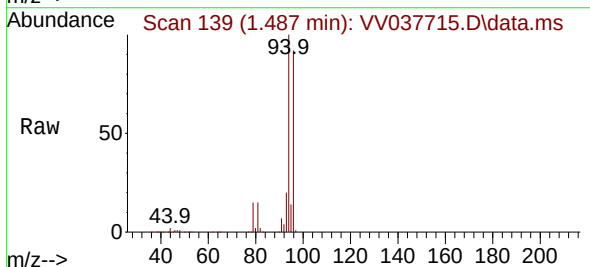
Instrument :
 MSVOA_V
 ClientSampleId :

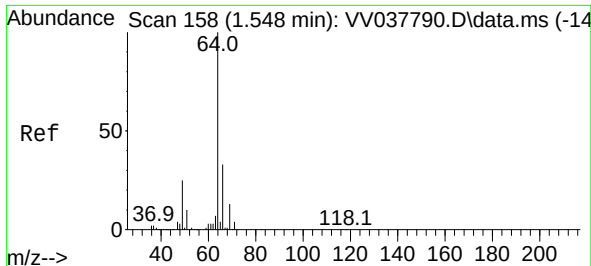
Tgt Ion: 62 Resp: 253209
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 51.498 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037715.D
 Acq: 11 Oct 2024 09:09

Tgt Ion: 94 Resp: 151748
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.8 122.2

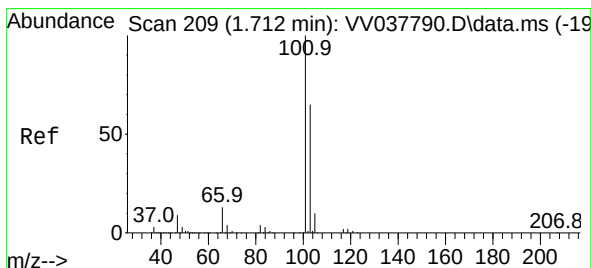
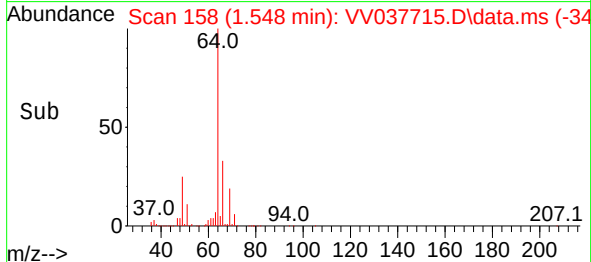
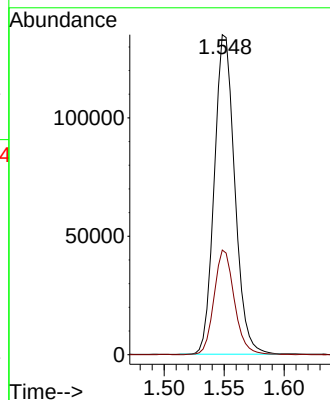
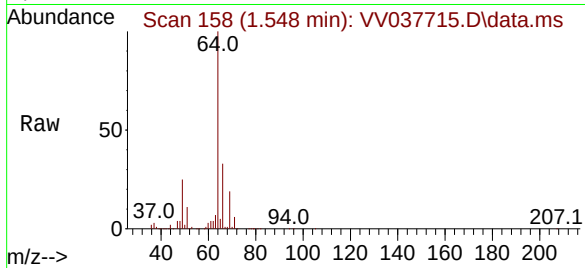




#8
Chloroethane
Concen: 48.849 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

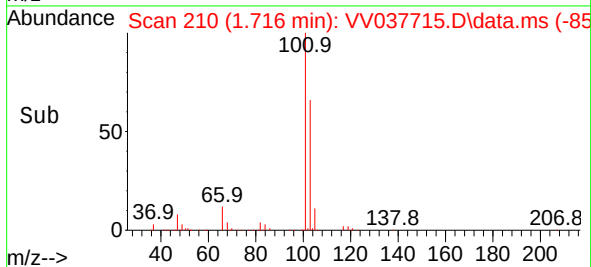
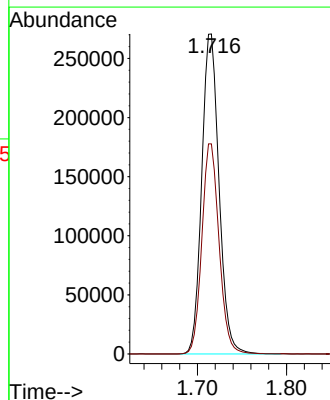
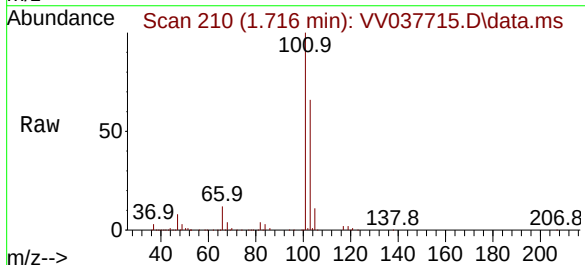
Instrument :
MSVOA_V
ClientSampleId :

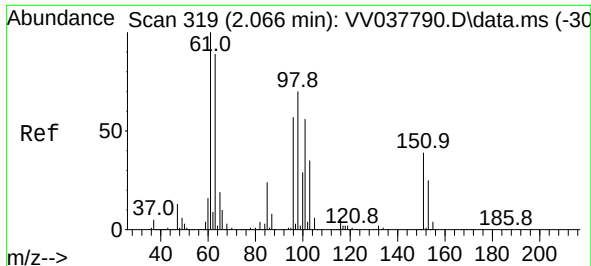
Tgt Ion: 64 Resp: 159869
Ion Ratio Lower Upper
64 100
66 32.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.069 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion:101 Resp: 365005
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4





#10

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

Concen: 52.521 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

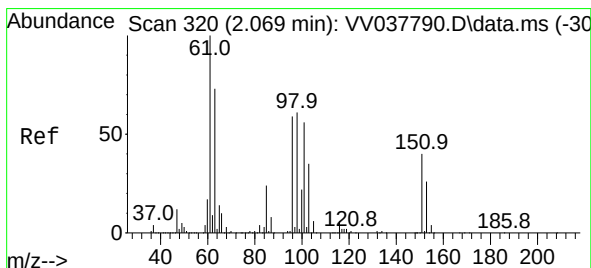
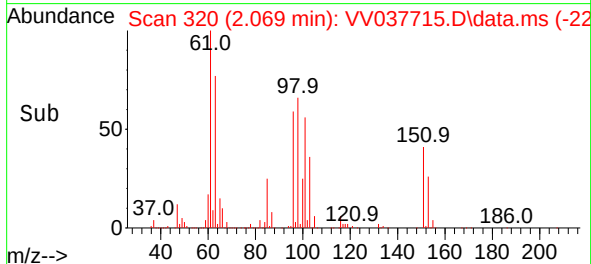
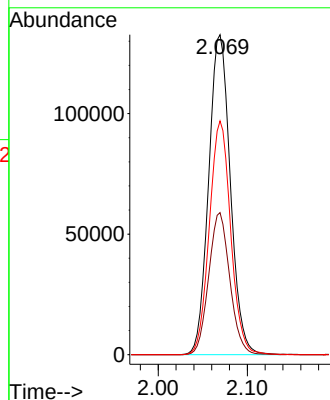
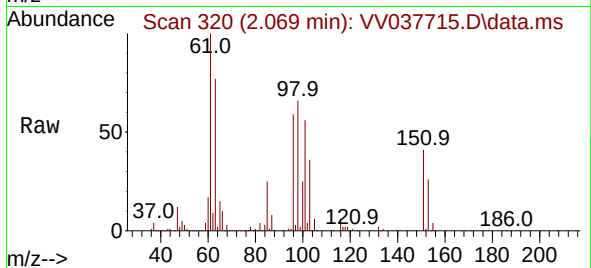
Tgt Ion:101 Resp: 224319

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

151 72.0 57.5 86.3



#12

1,1-Dichloroethene

Concen: 50.488 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

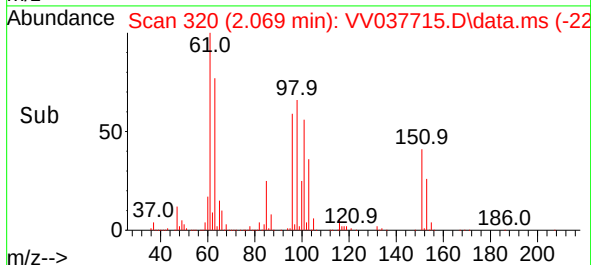
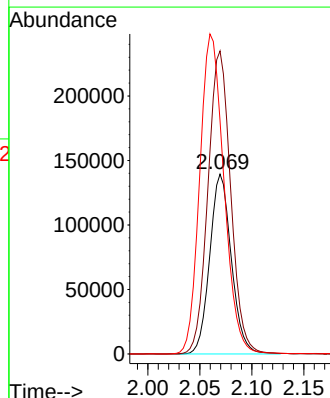
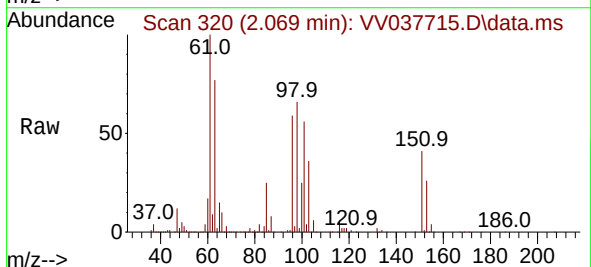
Tgt Ion: 96 Resp: 201426

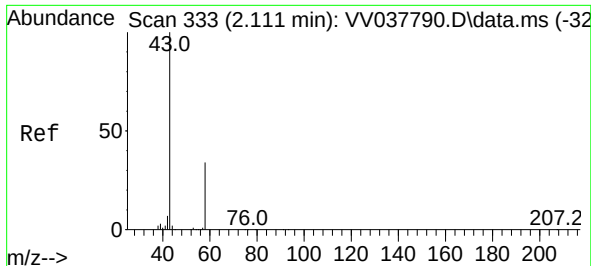
Ion Ratio Lower Upper

96 100

61 168.5 122.6 227.6

63 129.6 118.0 219.2





#13

Acetone

Concen: 86.211 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

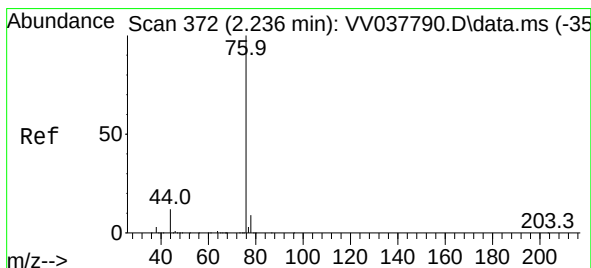
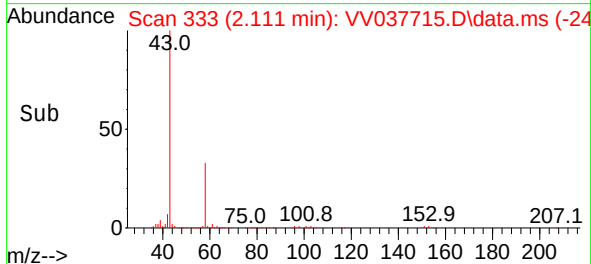
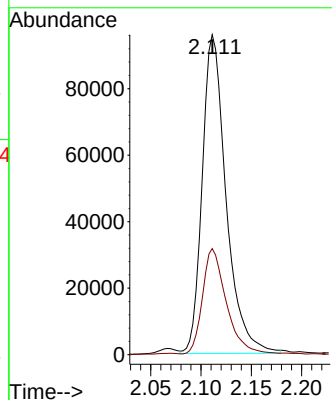
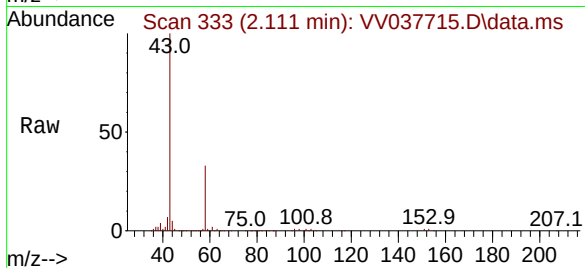
ClientSampleId :

Tgt Ion: 43 Resp: 158354

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.6



#14

Carbon disulfide

Concen: 44.609 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037715.D

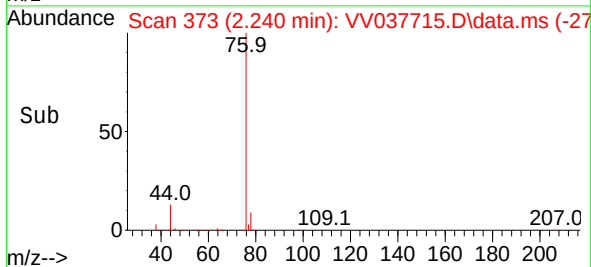
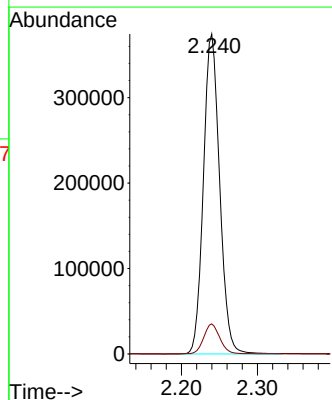
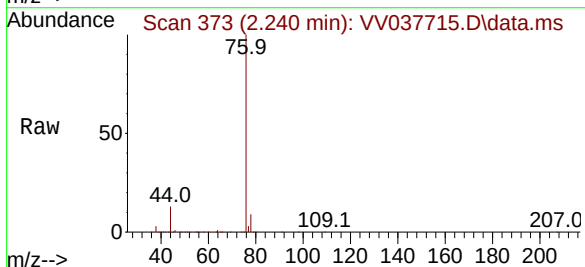
Acq: 11 Oct 2024 09:09

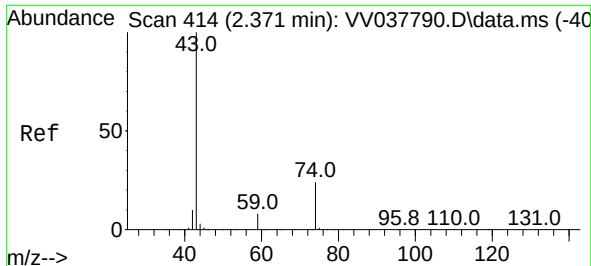
Tgt Ion: 76 Resp: 555528

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 47.689 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

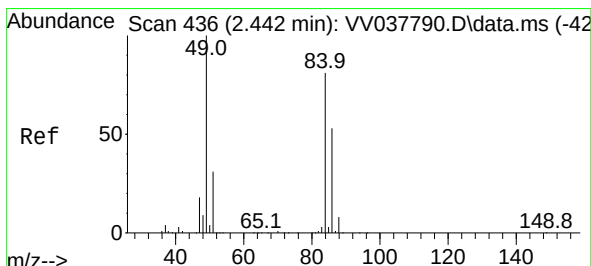
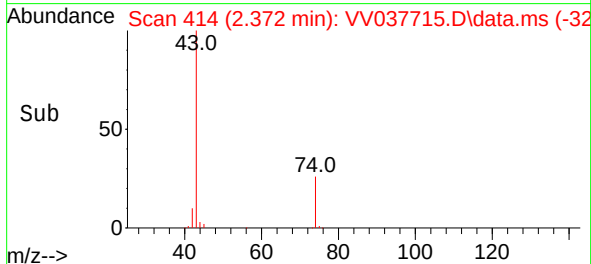
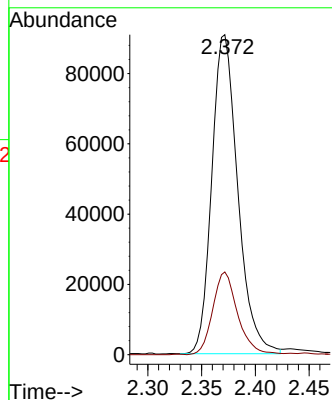
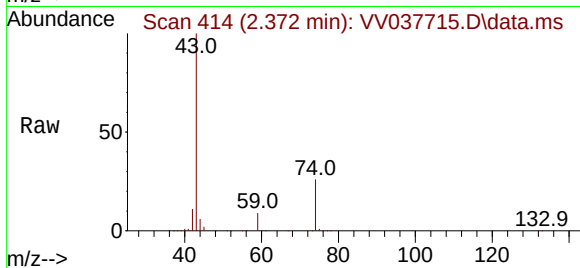
ClientSampleId :

Tgt Ion: 43 Resp: 152868

Ion Ratio Lower Upper

43 100

74 24.9 19.4 29.0



#16

Methylene chloride

Concen: 50.912 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

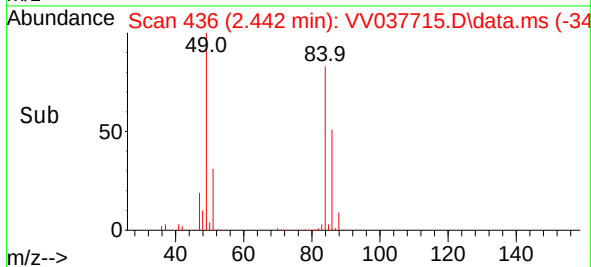
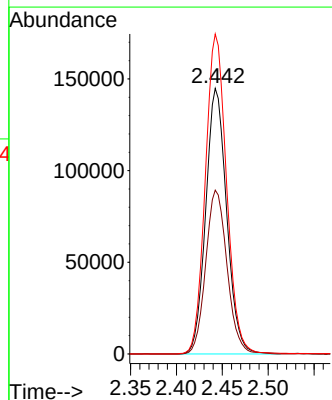
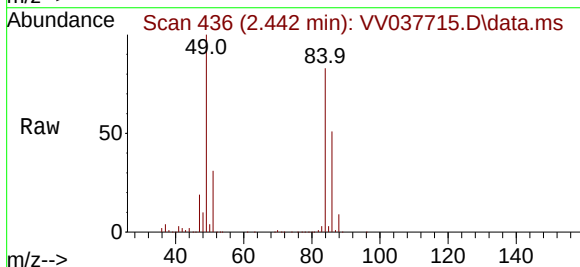
Tgt Ion: 84 Resp: 229984

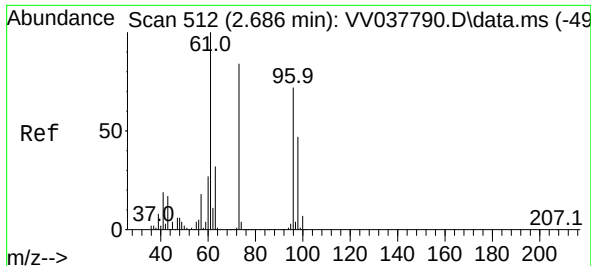
Ion Ratio Lower Upper

84 100

86 61.7 46.4 86.2

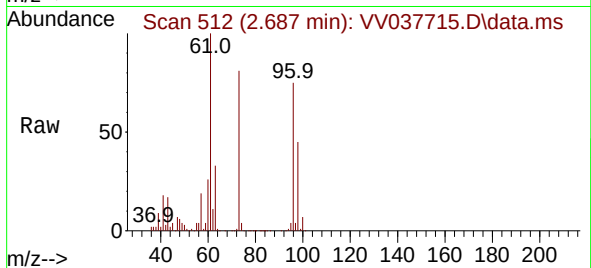
49 120.5 85.9 159.5





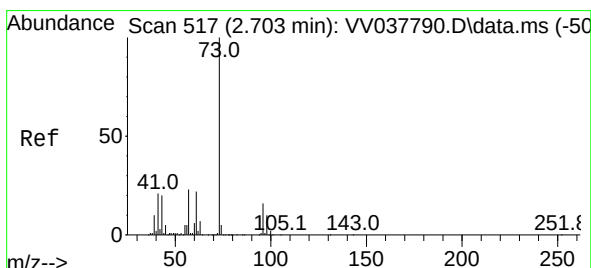
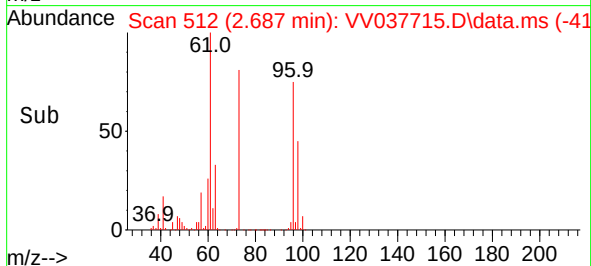
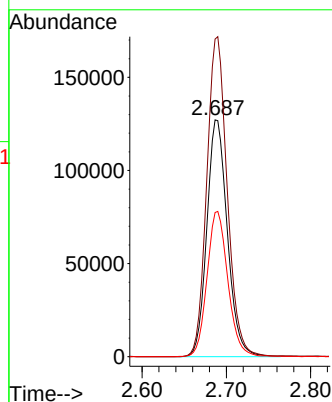
#17
trans-1,2-Dichloroethene
Concen: 51.116 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 215744

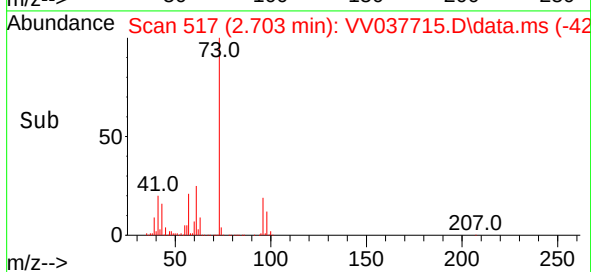
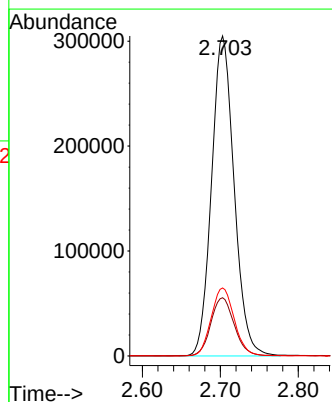
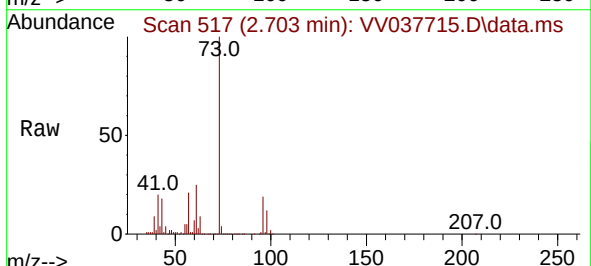
Ion	Ratio	Lower	Upper
96	100		
61	134.1	97.3	180.7
98	60.9	43.9	81.5

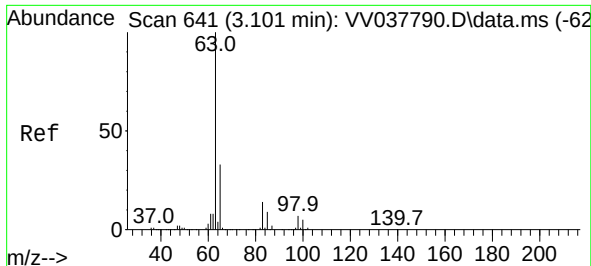


#18
Methyl tert-butyl Ether
Concen: 50.801 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 73 Resp: 615149

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.1	22.7
57	21.8	17.4	26.2

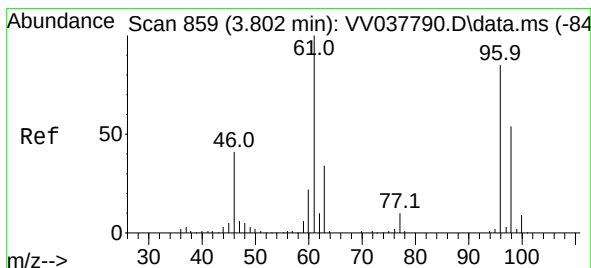
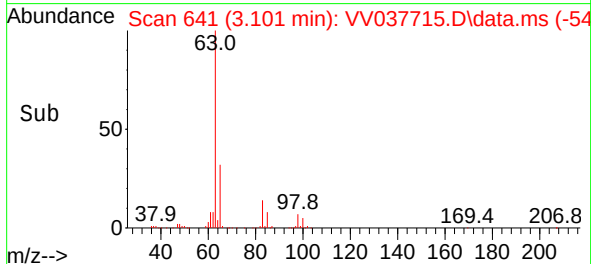
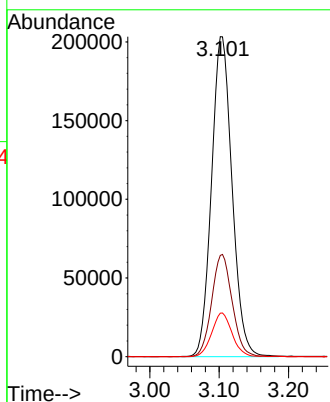
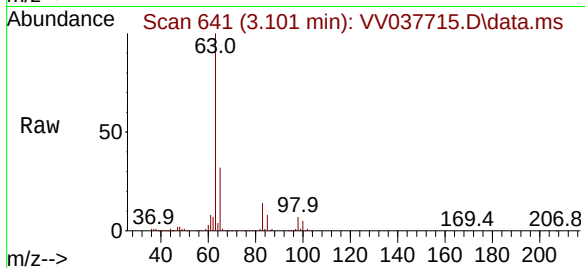




#19
1,1-Dichloroethane
Concen: 51.870 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

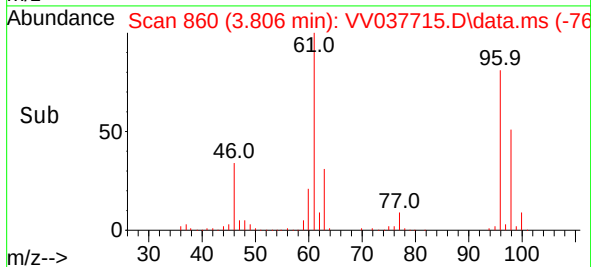
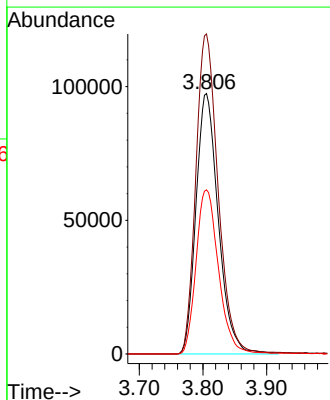
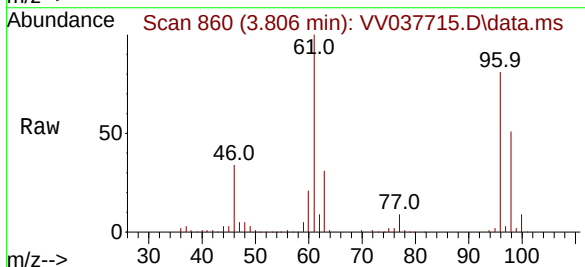
Instrument :
MSVOA_V
ClientSampleId :

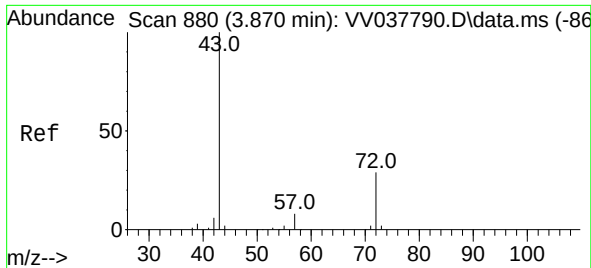
Tgt Ion: 63 Resp: 419450
Ion Ratio Lower Upper
63 100
65 31.6 22.4 41.6
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.284 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 96 Resp: 237495
Ion Ratio Lower Upper
96 100
61 122.9 85.0 157.8
98 63.0 44.2 82.0

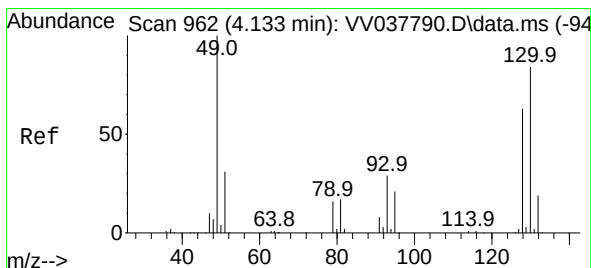
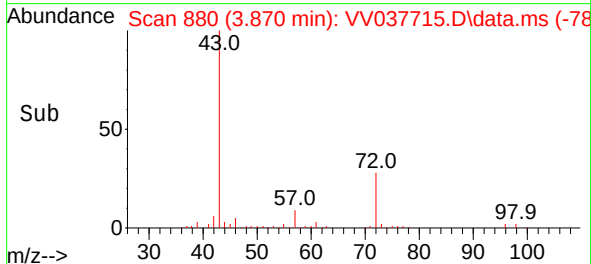
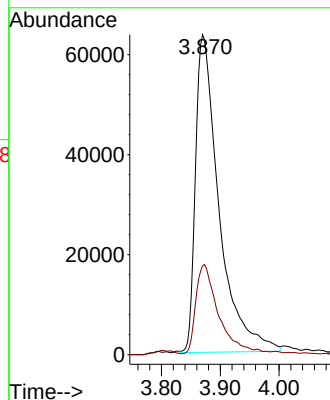
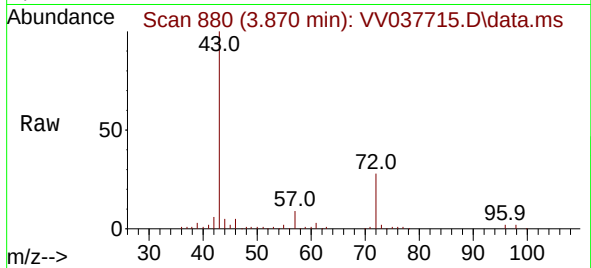




#22
2-Butanone
Concen: 86.724 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

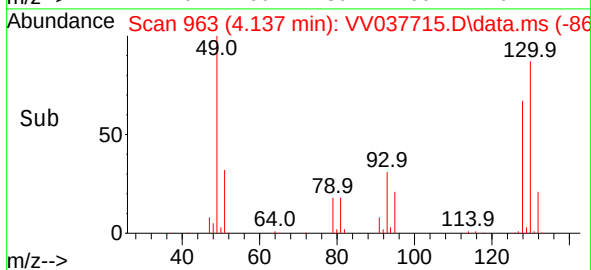
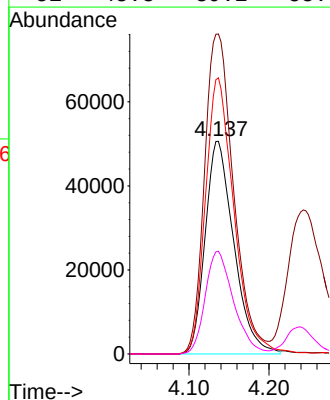
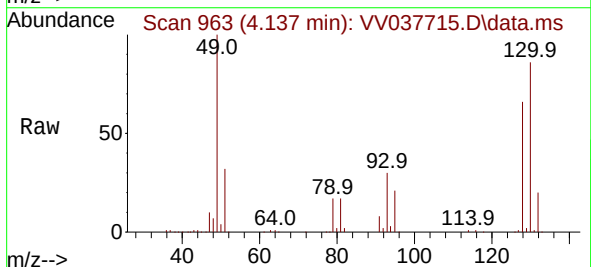
Instrument :
MSVOA_V
ClientSampleId :

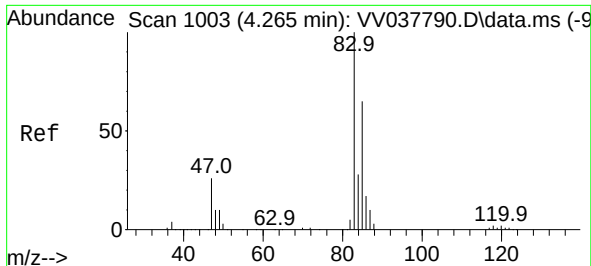
Tgt Ion: 43 Resp: 176315
Ion Ratio Lower Upper
43 100
72 26.5 14.3 42.9



#23
Bromochloromethane
Concen: 51.540 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.003 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 128 Resp: 125921
Ion Ratio Lower Upper
128 100
49 150.5 108.7 201.9
130 129.8 90.4 168.0
51 48.3 39.2 58.8





#25

Chloroform

Concen: 52.443 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

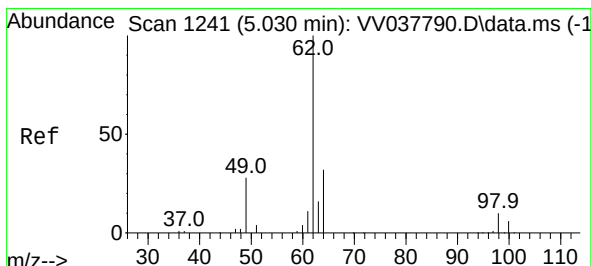
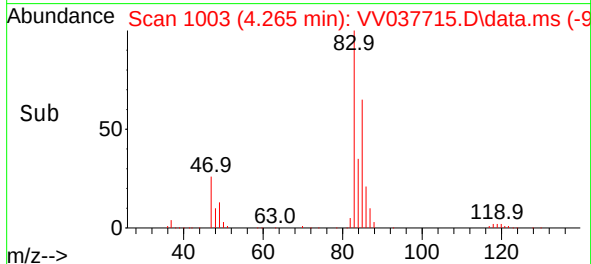
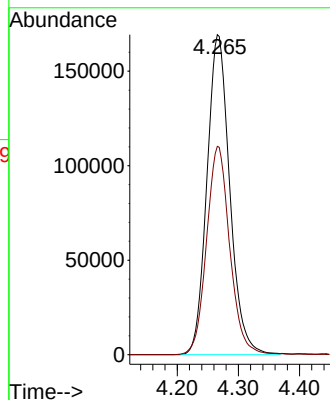
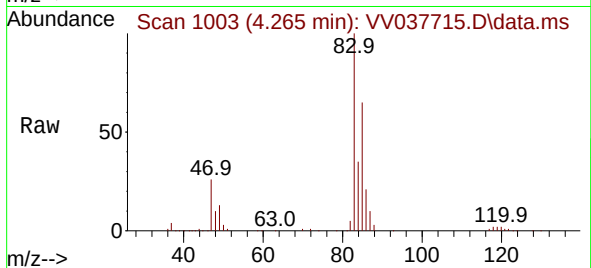
ClientSampleId :

Tgt Ion: 83 Resp: 439077

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.703 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VV037715.D

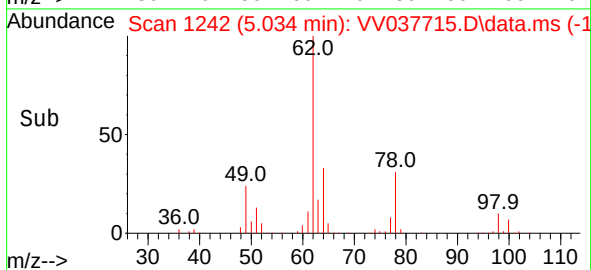
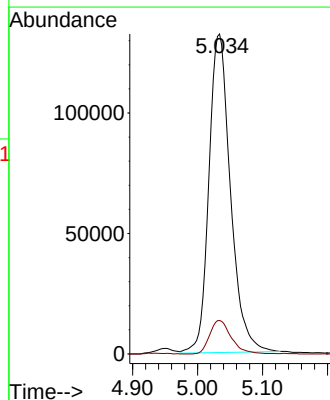
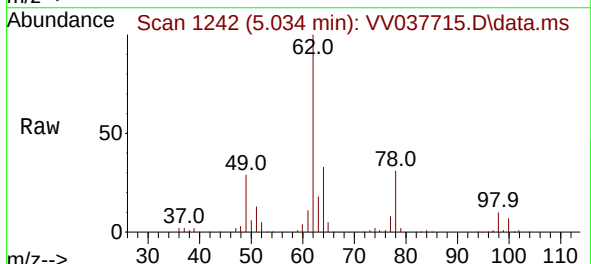
Acq: 11 Oct 2024 09:09

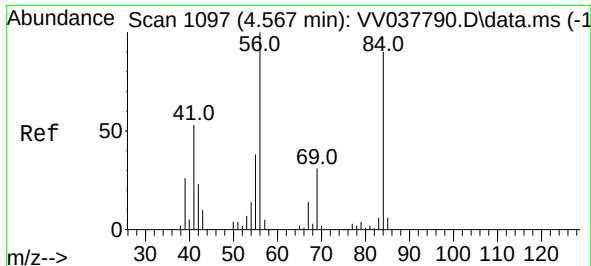
Tgt Ion: 62 Resp: 305596

Ion Ratio Lower Upper

62 100

98 10.5 8.4 12.6





#29

Cyclohexane

Concen: 46.449 ug/L

RT: 4.571 min Scan# 1

Delta R.T. 0.003 min

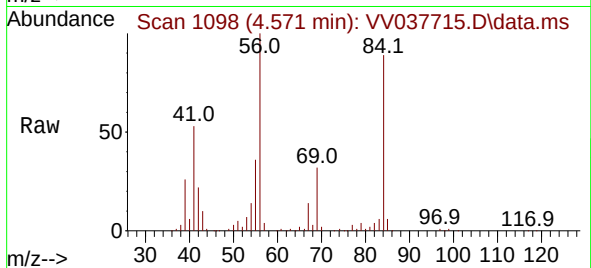
Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :



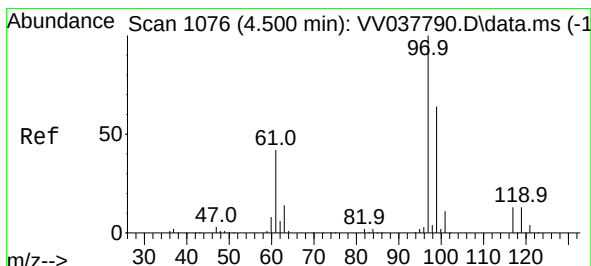
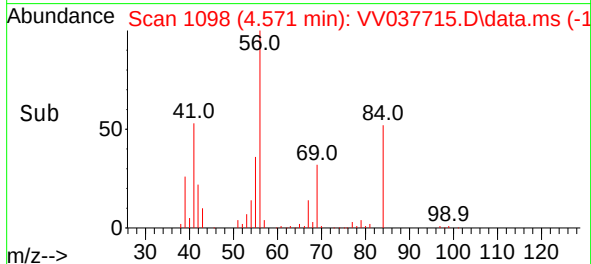
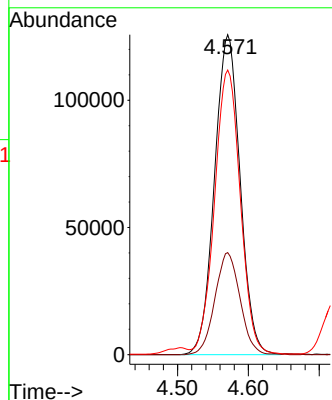
Tgt Ion: 56 Resp: 315373

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 89.3 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 50.459 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

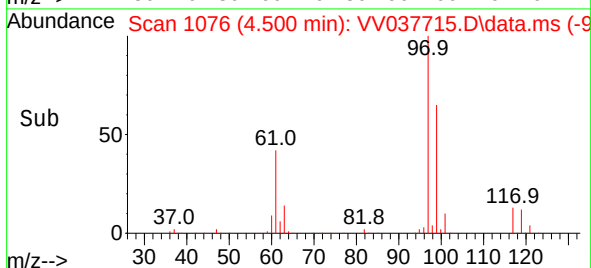
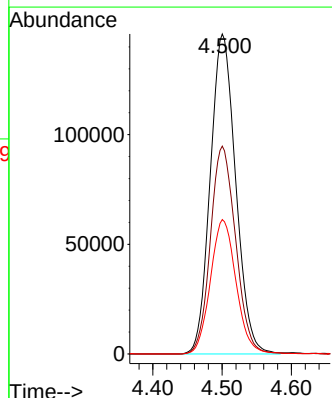
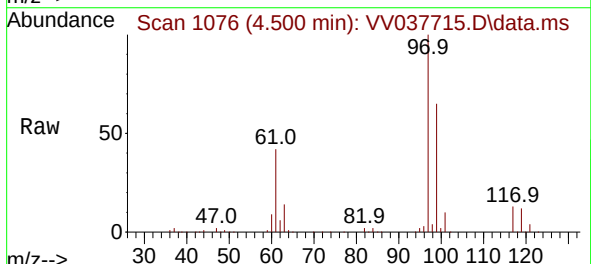
Tgt Ion: 97 Resp: 371637

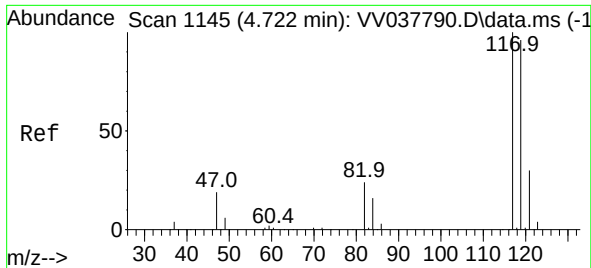
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 42.6 33.6 50.4

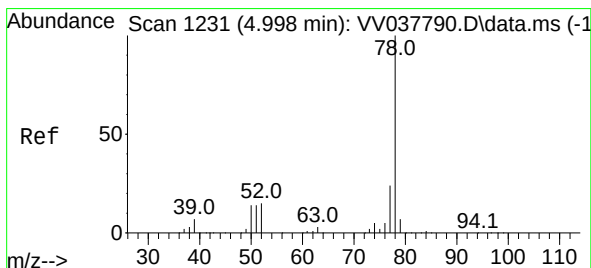
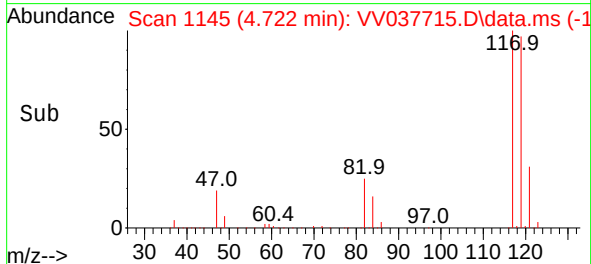
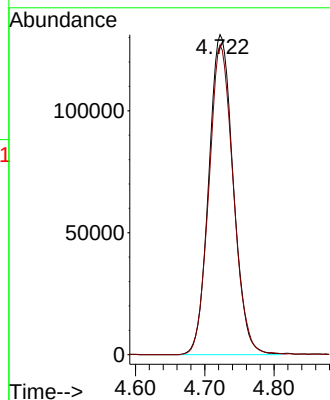
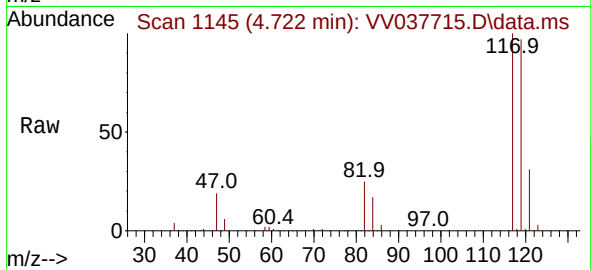




#31
Carbon tetrachloride
Concen: 50.273 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

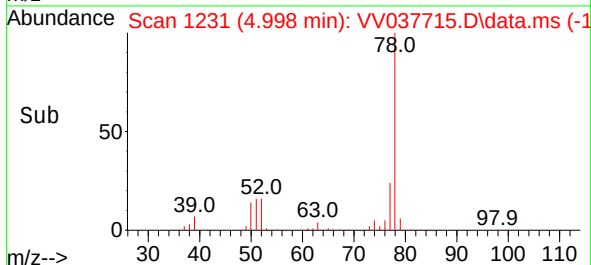
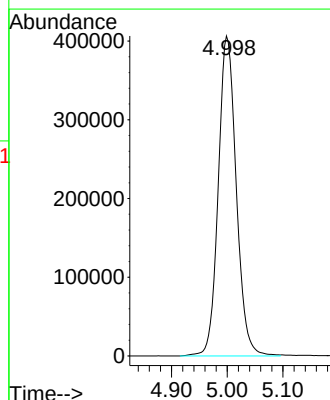
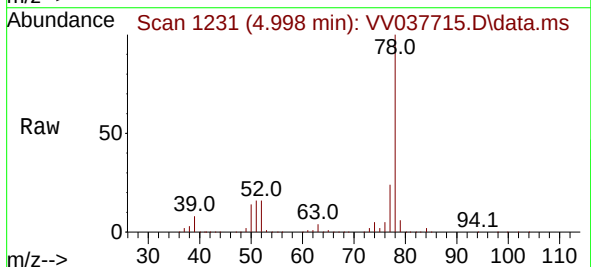
Instrument :
MSVOA_V
ClientSampleId :

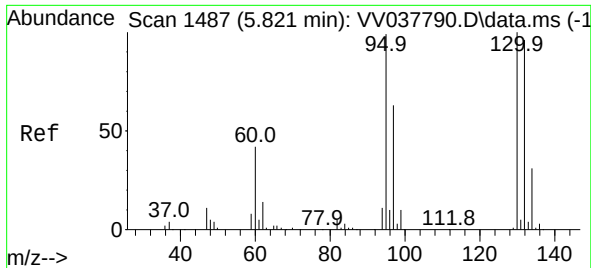
Tgt Ion:117 Resp: 321914
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3



#33
Benzene
Concen: 50.663 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 78 Resp: 913712



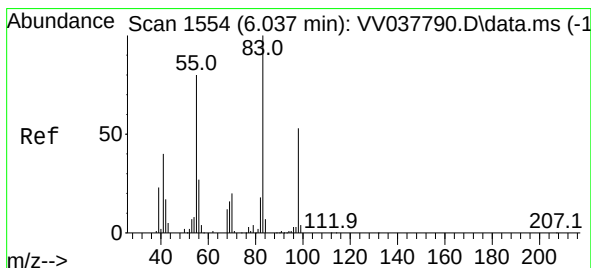
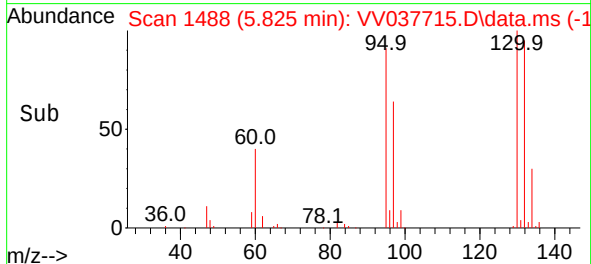
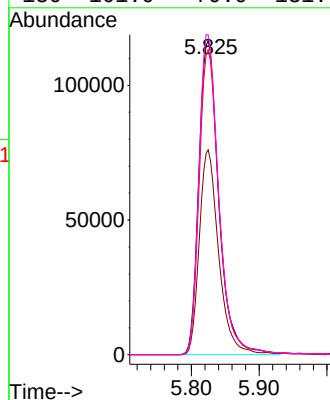
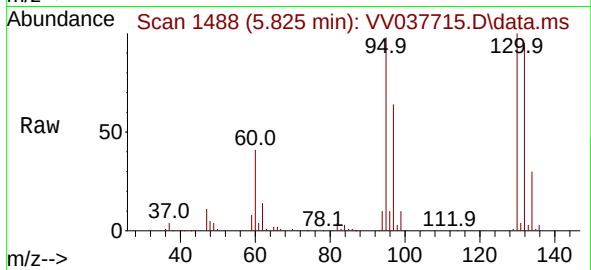


#34
Trichloroethene
Concen: 49.925 ug/L
RT: 5.825 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 239790

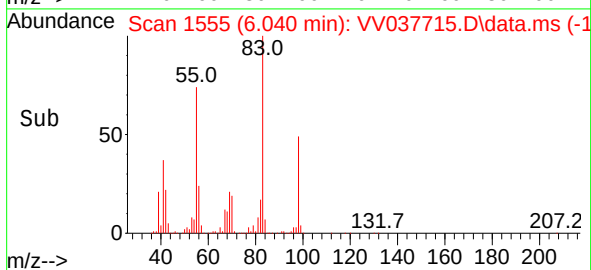
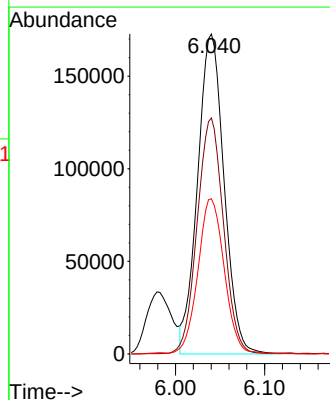
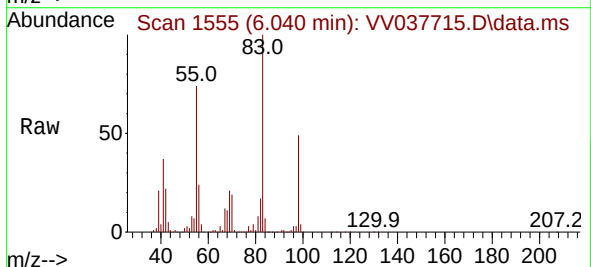
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.3	85.9
132	97.1	68.6	127.4
130	101.9	70.9	131.7

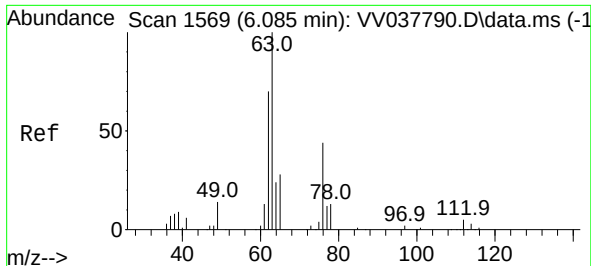


#35
Methylcyclohexane
Concen: 48.384 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 83 Resp: 357497

Ion	Ratio	Lower	Upper
83	100		
55	73.3	57.9	86.9
98	48.0	39.3	58.9





#37

1,2-Dichloropropane

Concen: 52.043 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

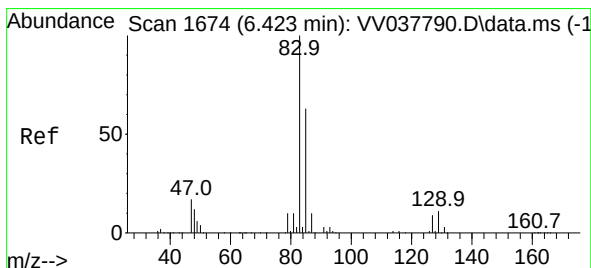
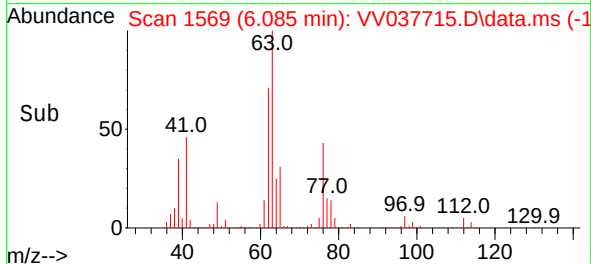
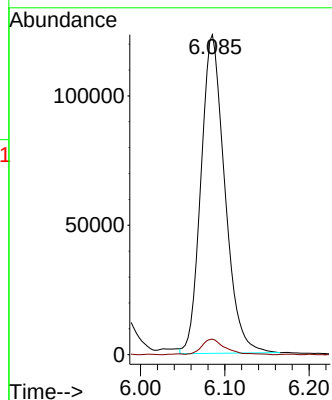
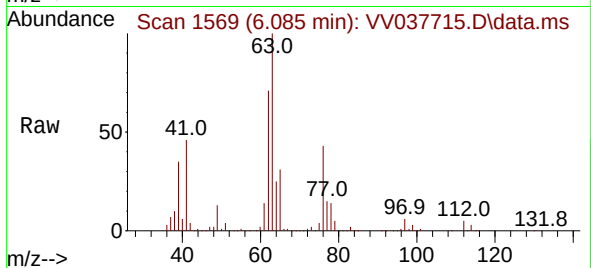
ClientSampleId :

Tgt Ion: 63 Resp: 242373

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 52.305 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

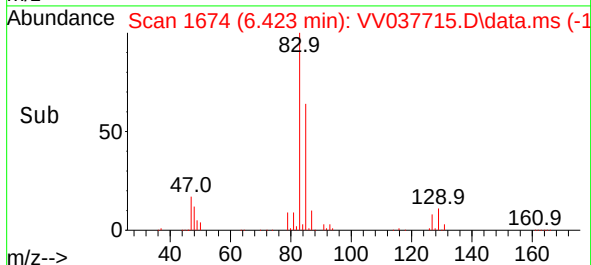
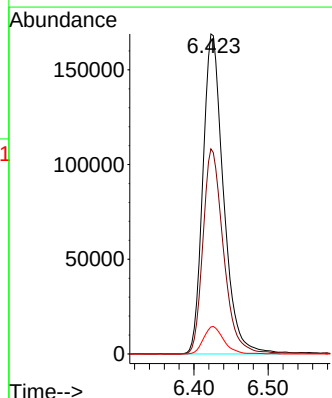
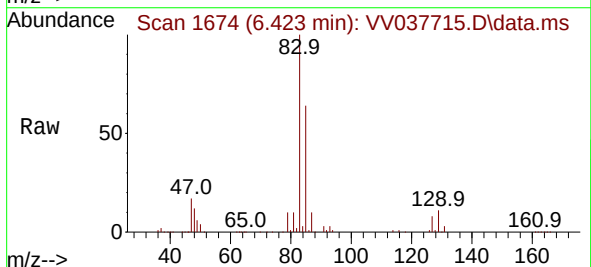
Tgt Ion: 83 Resp: 325632

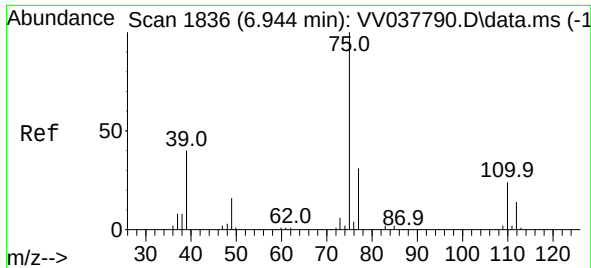
Ion Ratio Lower Upper

83 100

85 64.1 45.7 84.9

127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 50.500 ug/L

RT: 6.947 min Scan# 1836

Delta R.T. 0.003 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

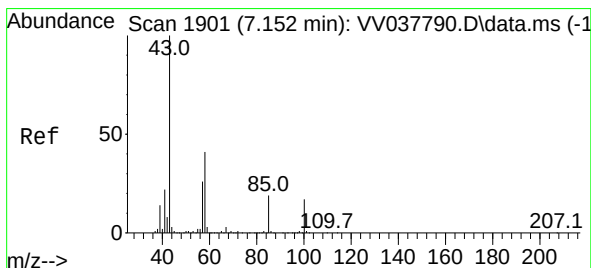
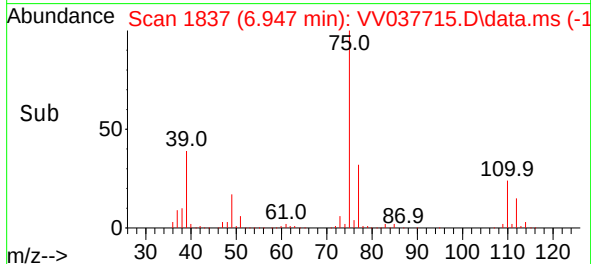
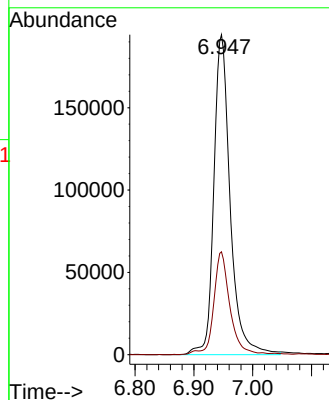
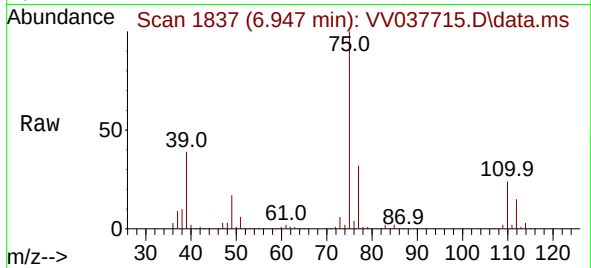
ClientSampleId :

Tgt Ion: 75 Resp: 375423

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 90.980 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

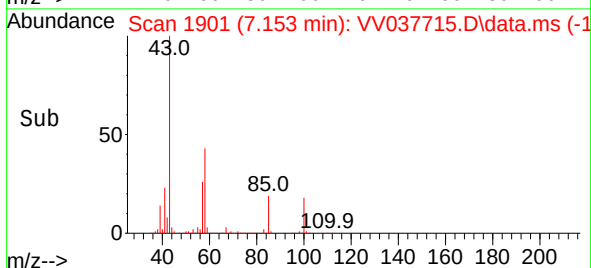
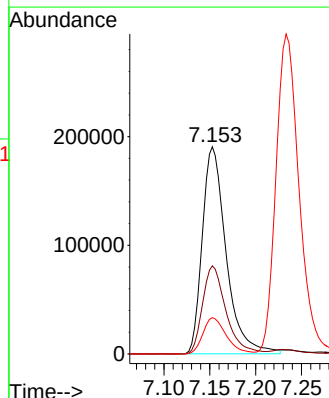
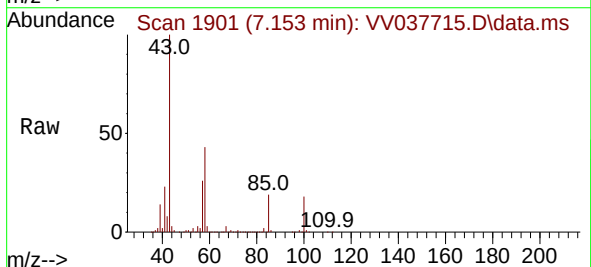
Tgt Ion: 43 Resp: 344987

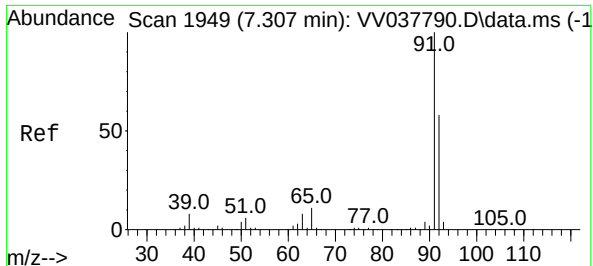
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4

100 17.2 13.7 20.5





#42

Toluene

Concen: 52.224 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

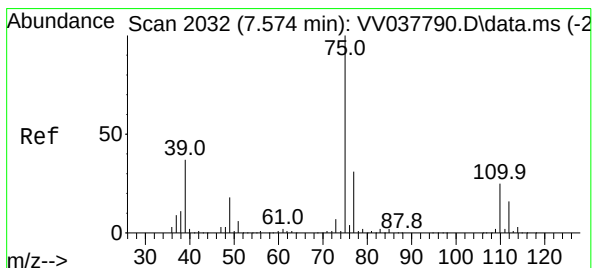
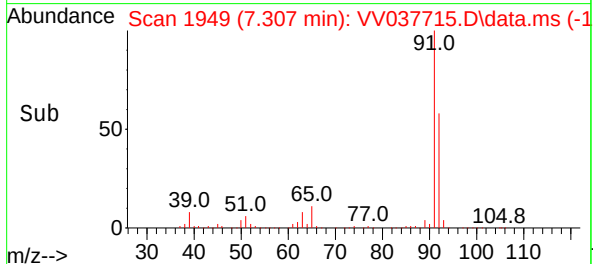
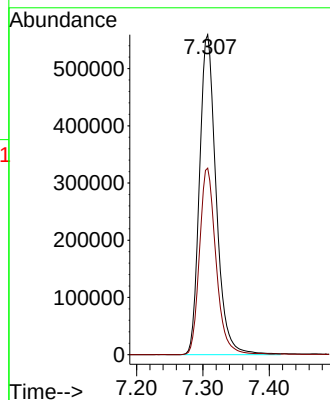
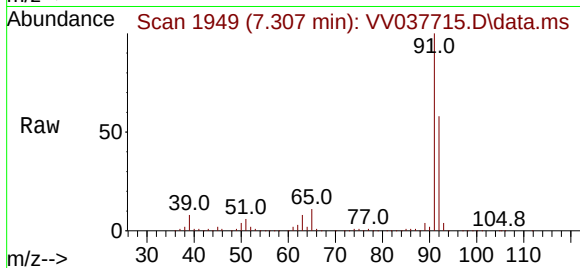
ClientSampleId :

Tgt Ion: 91 Resp: 976431

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 49.971 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037715.D

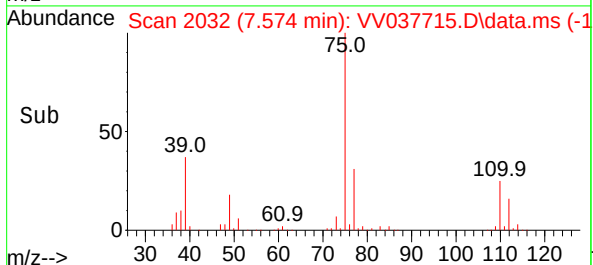
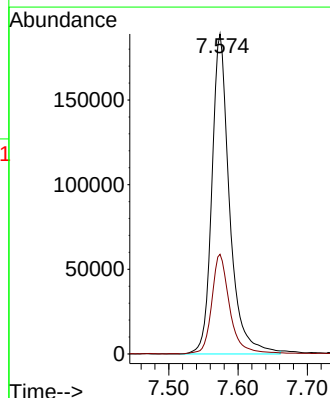
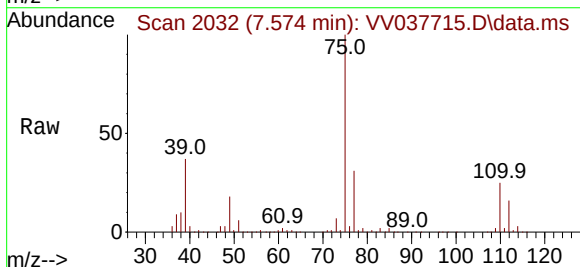
Acq: 11 Oct 2024 09:09

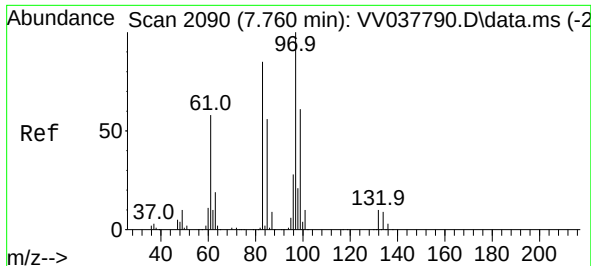
Tgt Ion: 75 Resp: 334454

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 50.922 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 227714

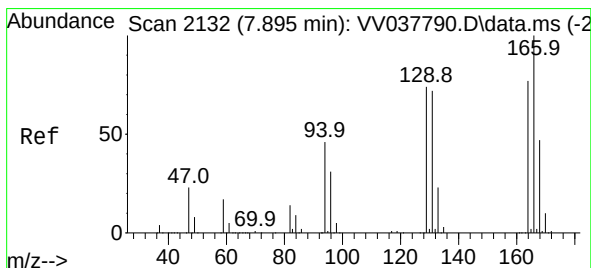
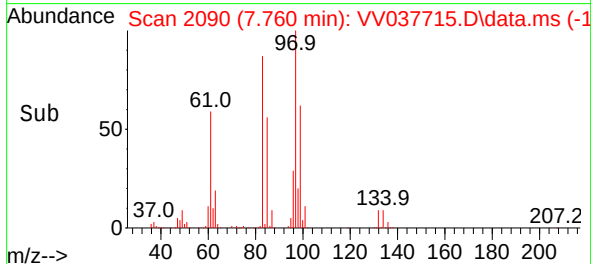
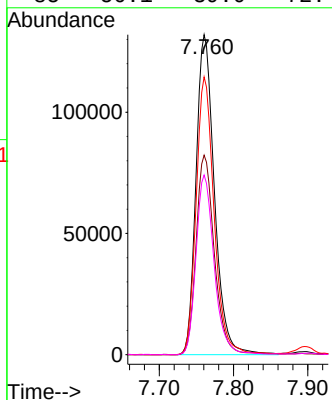
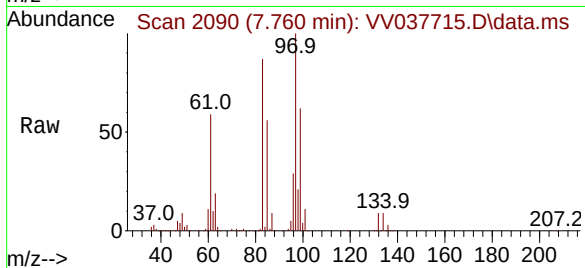
Ion Ratio Lower Upper

97 100

99 62.3 44.1 81.9

83 86.8 59.3 110.1

85 56.1 39.0 72.4



#46

Tetrachloroethene

Concen: 49.803 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Tgt Ion: 164 Resp: 182886

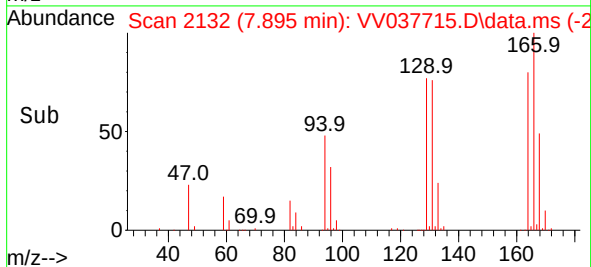
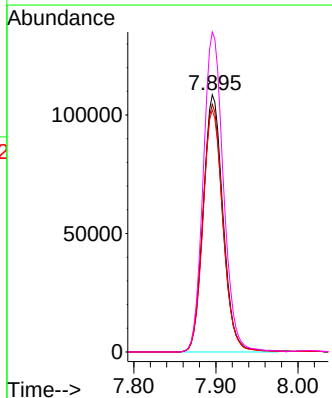
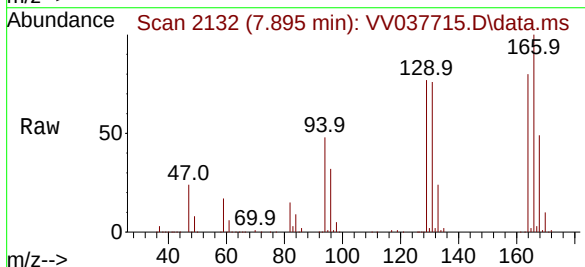
Ion Ratio Lower Upper

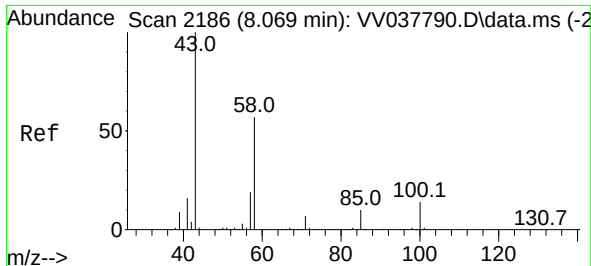
164 100

129 96.3 68.2 126.6

131 94.1 66.1 122.8

166 124.4 91.1 169.1





#48

2-Hexanone

Concen: 86.656 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 255506

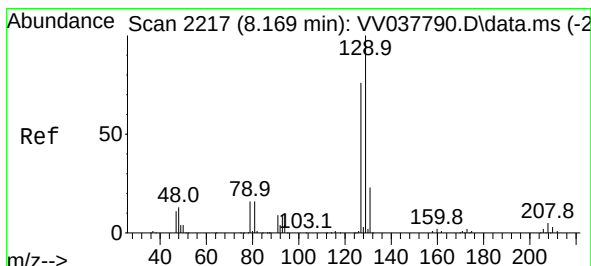
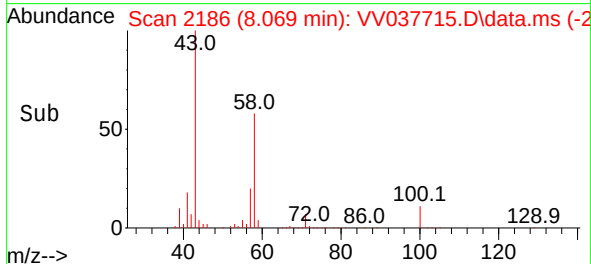
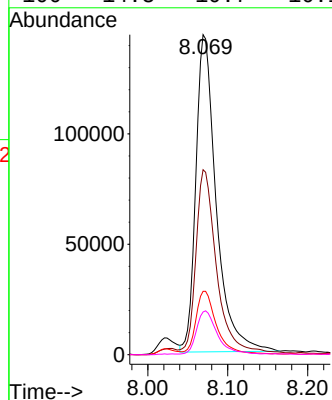
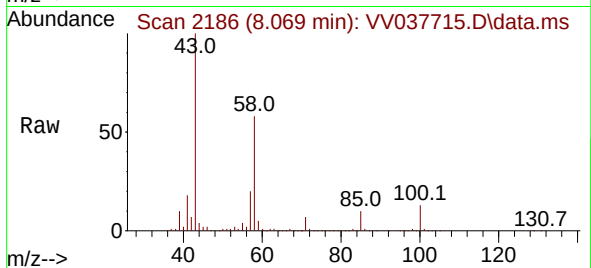
Ion Ratio Lower Upper

43 100

58 59.7 46.5 69.7

57 19.9 15.1 22.7

100 14.3 10.7 16.1



#49

Dibromochloromethane

Concen: 52.285 ug/L

RT: 8.166 min Scan# 2216

Delta R.T. -0.003 min

Lab File: VV037715.D

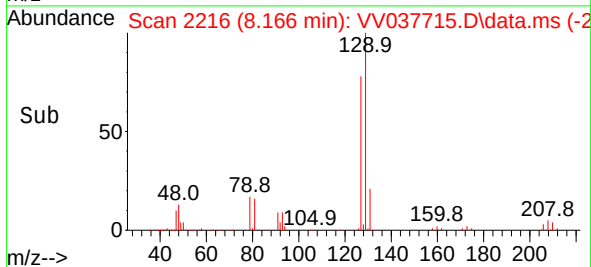
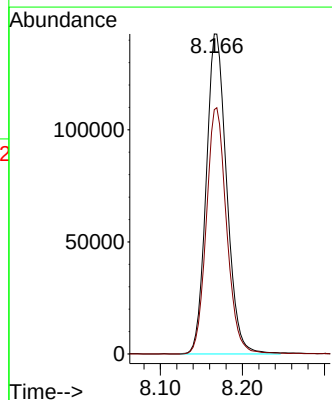
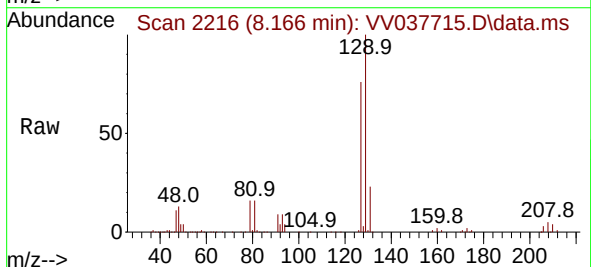
Acq: 11 Oct 2024 09:09

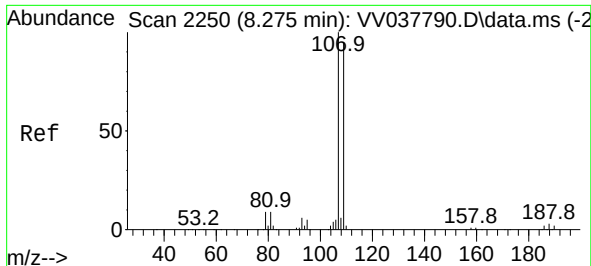
Tgt Ion: 129 Resp: 247459

Ion Ratio Lower Upper

129 100

127 76.4 54.9 101.9

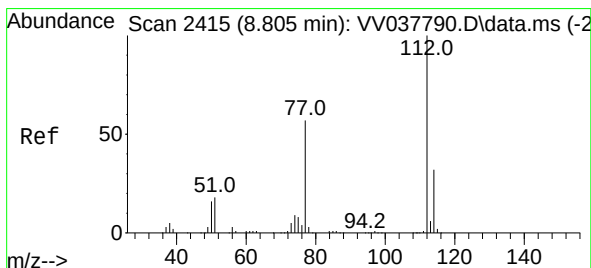
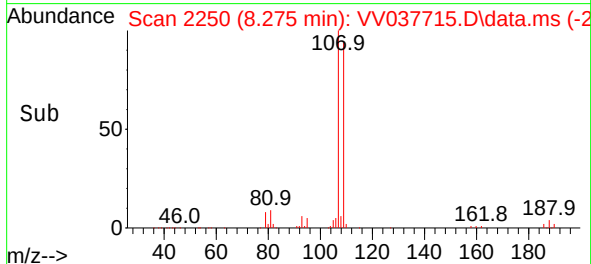
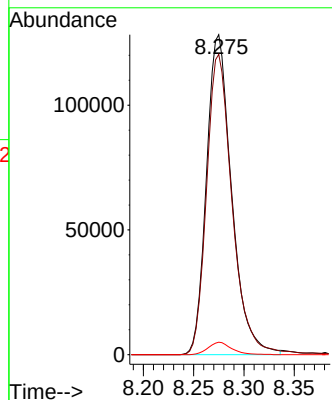
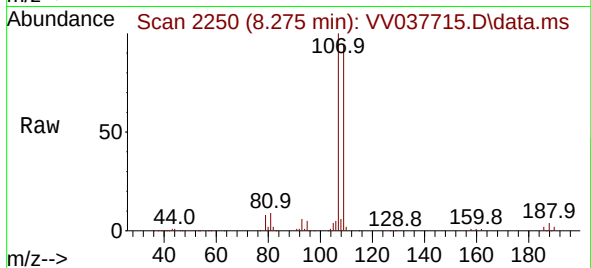




#50
1,2-Dibromoethane
Concen: 48.343 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

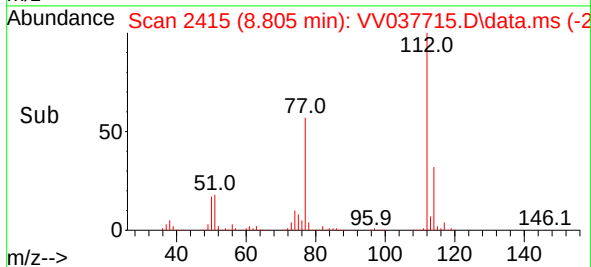
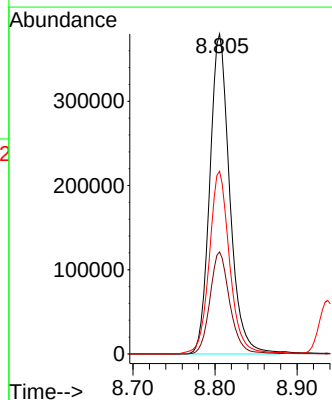
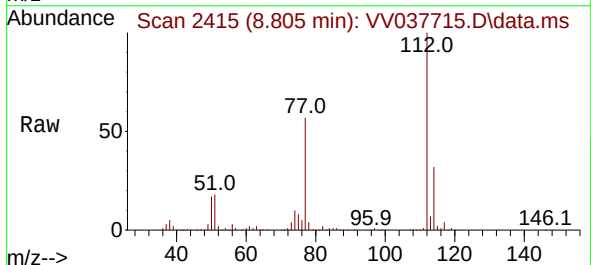
Instrument :
MSVOA_V
ClientSampleId :

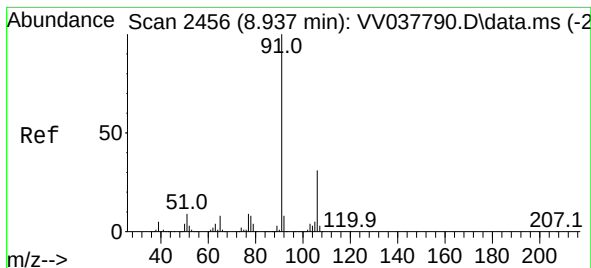
Tgt Ion:107 Resp: 223468
Ion Ratio Lower Upper
107 100
109 93.9 65.7 121.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 50.411 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion:112 Resp: 642139
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 57.1 45.8 68.8





#52

Ethylbenzene

Concen: 51.095 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

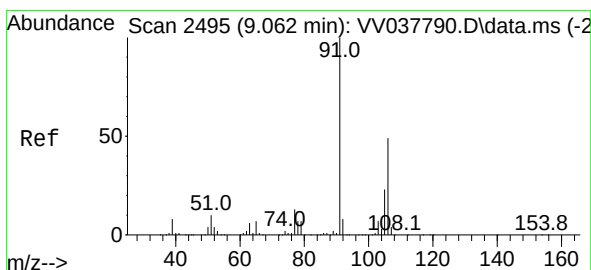
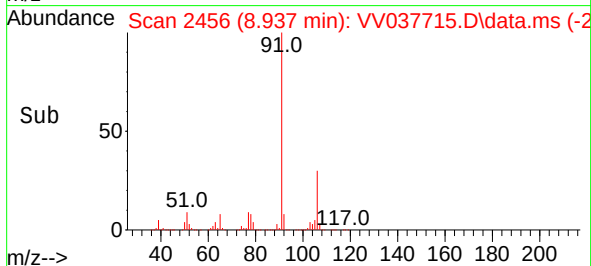
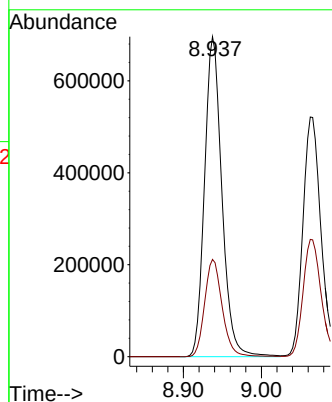
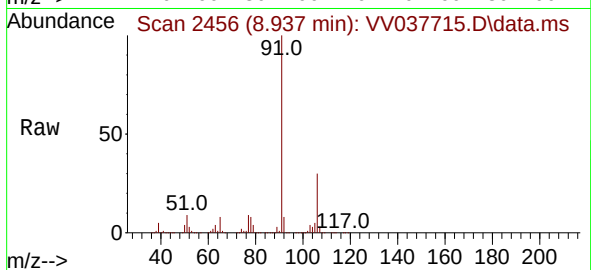
ClientSampleId :

Tgt Ion: 91 Resp: 1075360

Ion Ratio Lower Upper

91 100

106 30.4 21.9 40.7



#53

m,p-Xylene

Concen: 52.783 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV037715.D

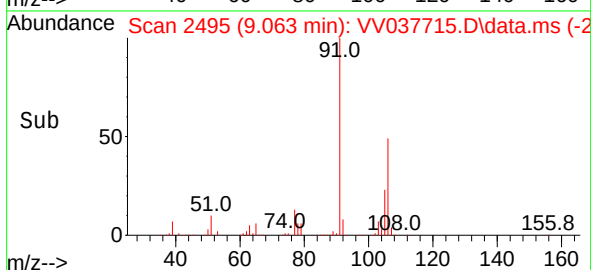
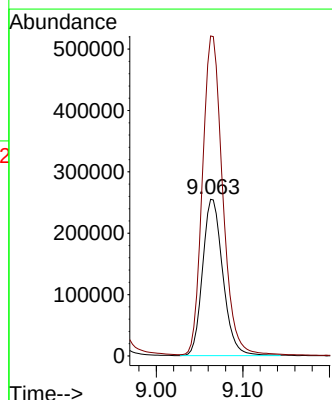
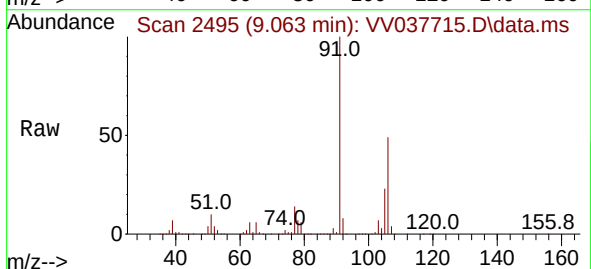
Acq: 11 Oct 2024 09:09

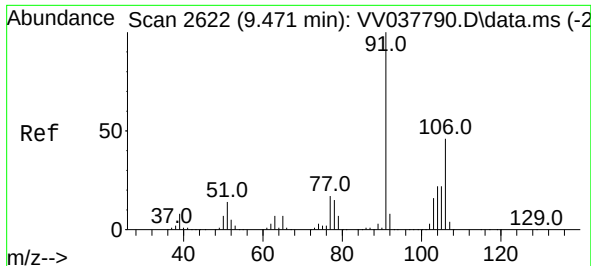
Tgt Ion:106 Resp: 413435

Ion Ratio Lower Upper

106 100

91 204.3 142.0 263.6

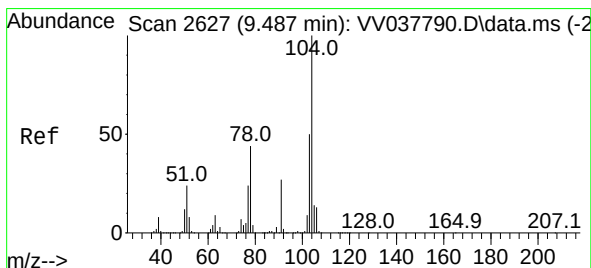
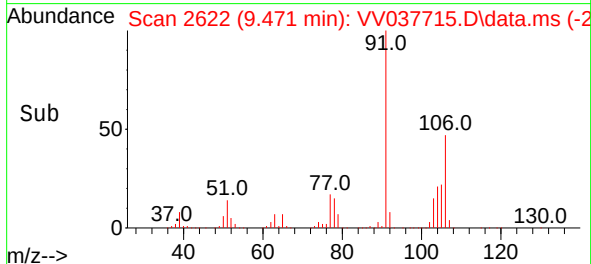
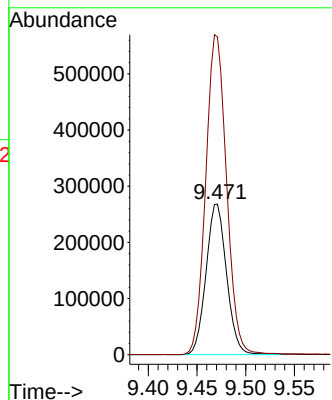
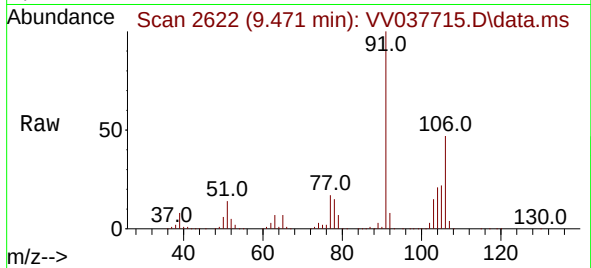




#54
o-Xylene
Concen: 51.396 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

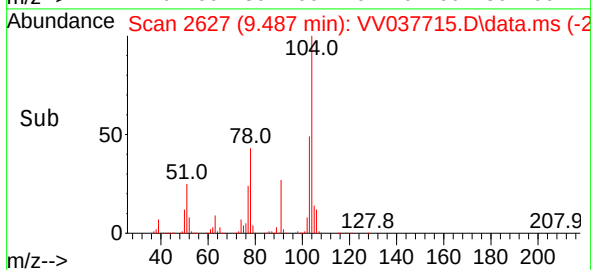
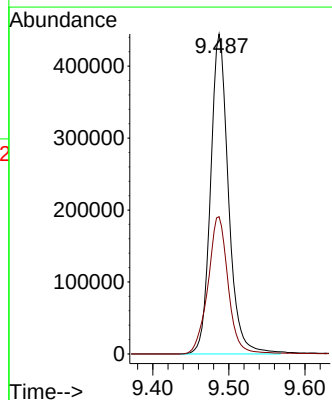
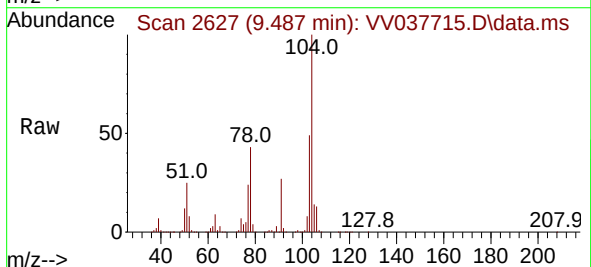
Instrument :
MSVOA_V
ClientSampleId :

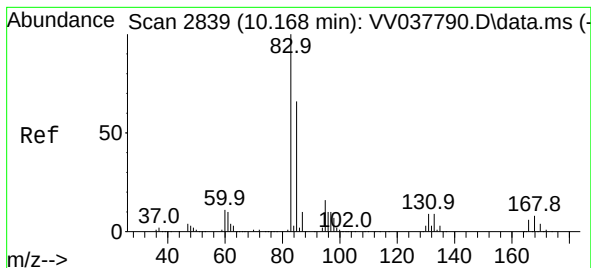
Tgt Ion:106 Resp: 393025
Ion Ratio Lower Upper
106 100
91 210.9 153.9 285.9



#55
Styrene
Concen: 54.638 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion:104 Resp: 727350
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6

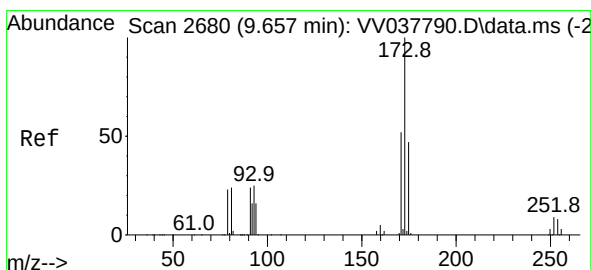
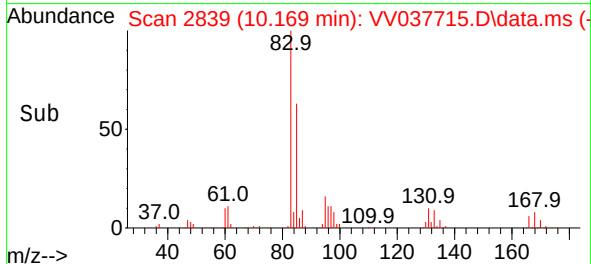
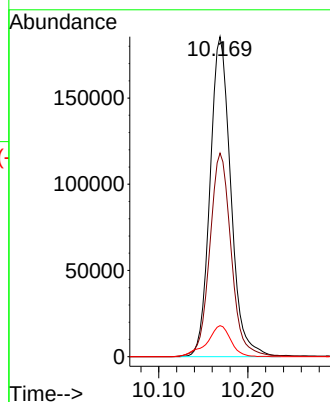
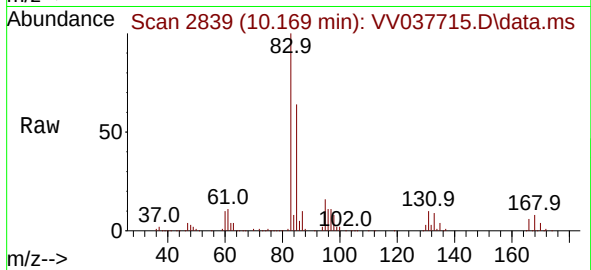




#57
1,1,2,2-Tetrachloroethane
Concen: 48.185 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

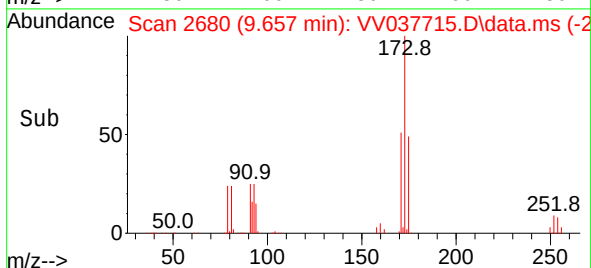
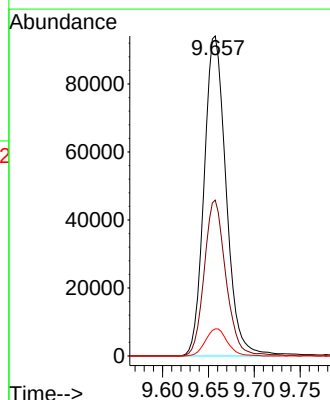
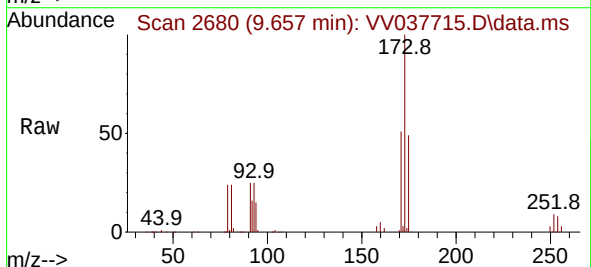
Instrument :
MSVOA_V
ClientSampleId :

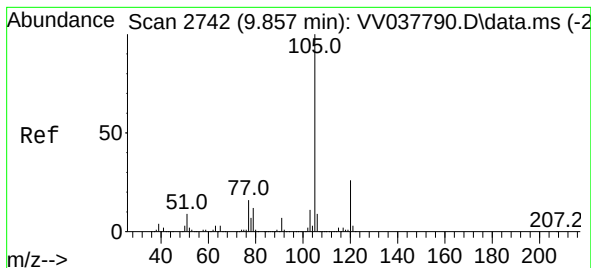
Tgt Ion: 83 Resp: 300418
Ion Ratio Lower Upper
83 100
85 63.6 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 48.472 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion: 173 Resp: 157139
Ion Ratio Lower Upper
173 100
175 47.4 40.0 60.0
254 8.5 6.5 9.7





#60

Isopropylbenzene

Concen: 50.213 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

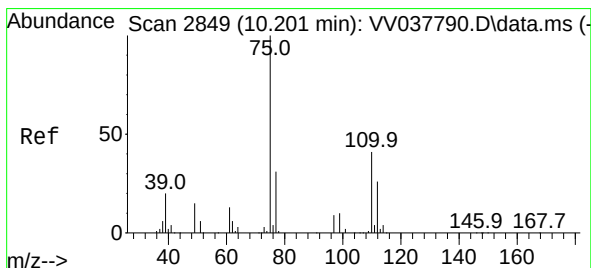
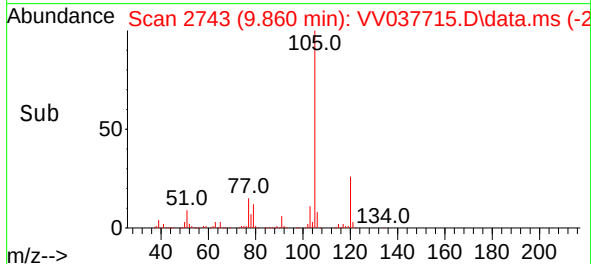
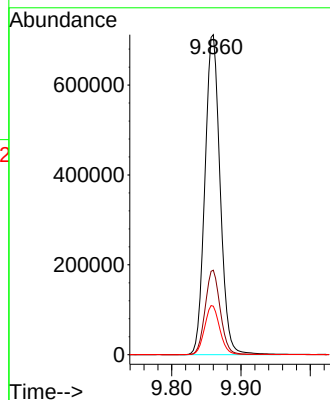
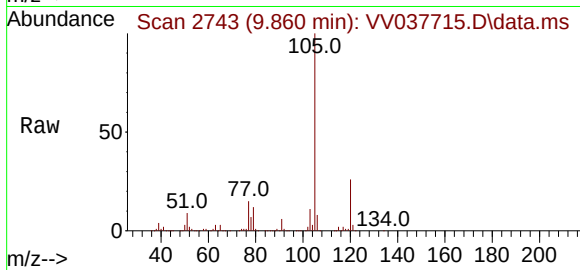
Tgt Ion:105 Resp: 1082810

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 15.2 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 45.644 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

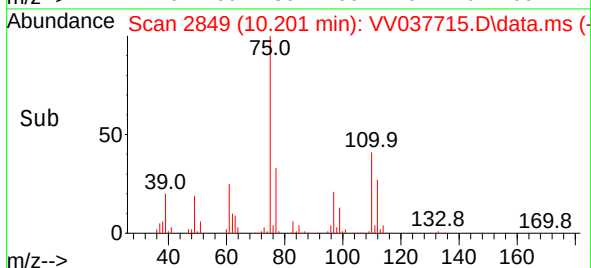
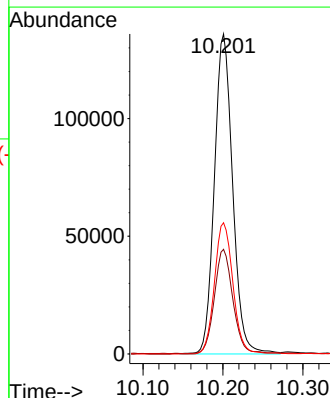
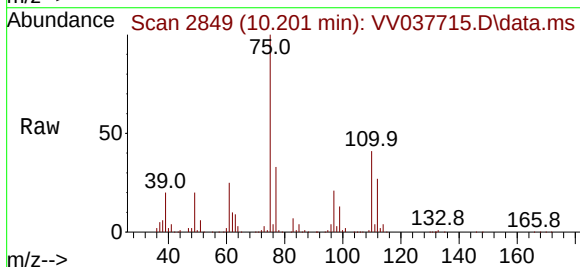
Tgt Ion: 75 Resp: 215431

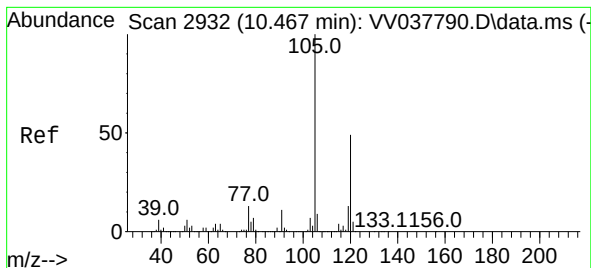
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

110 41.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 50.097 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

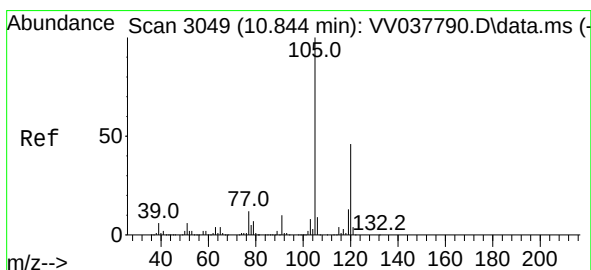
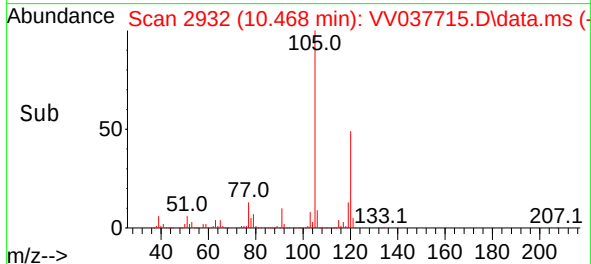
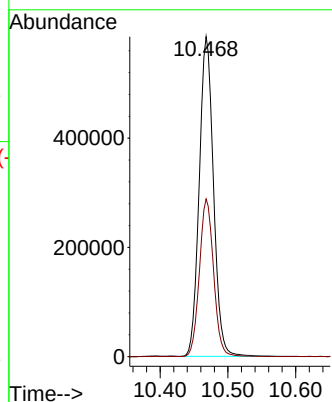
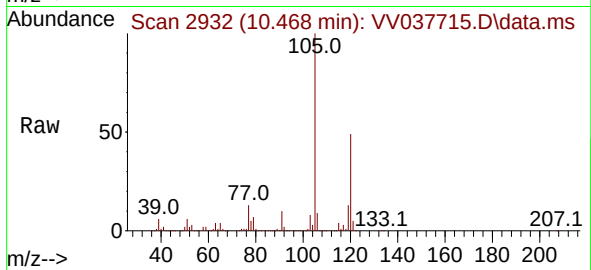
ClientSampleId :

Tgt Ion:105 Resp: 854095

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 50.539 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037715.D

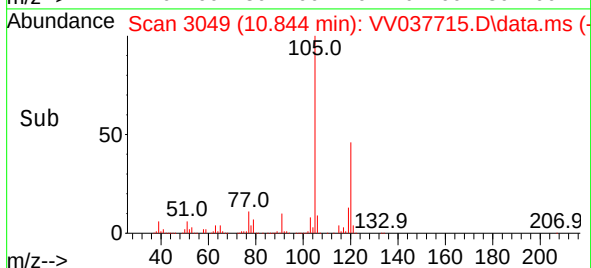
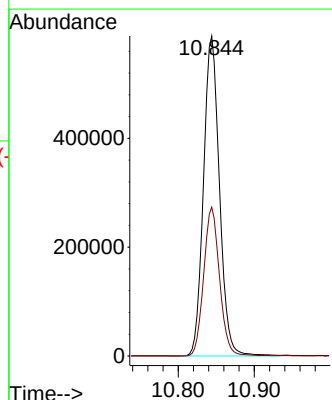
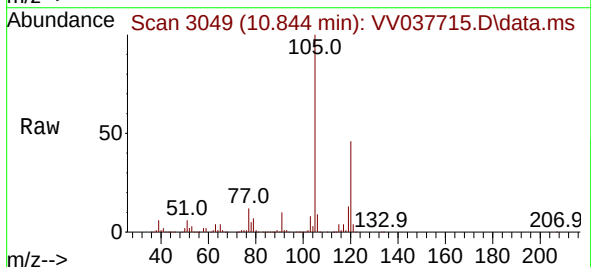
Acq: 11 Oct 2024 09:09

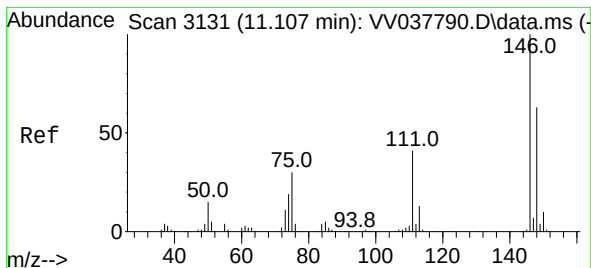
Tgt Ion:105 Resp: 857297

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 50.459 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

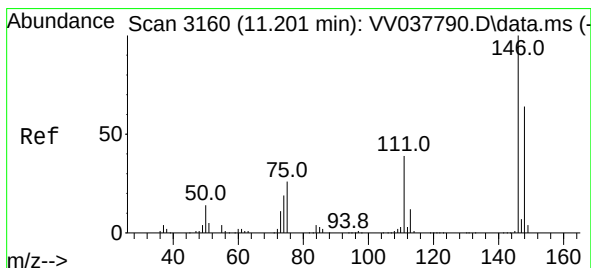
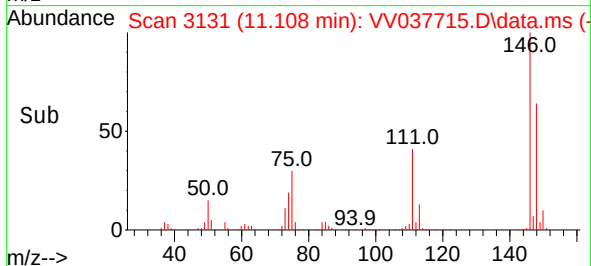
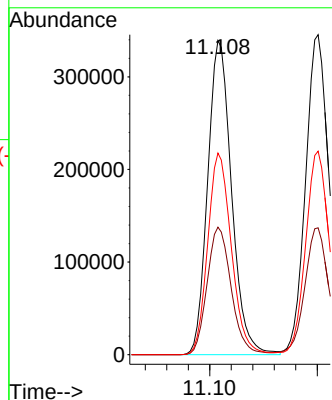
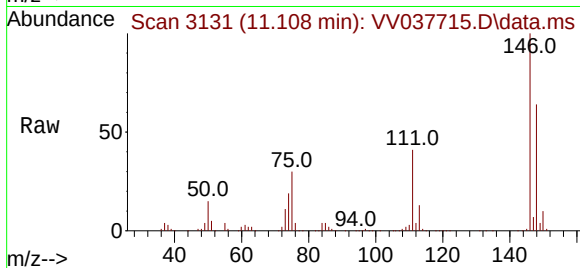
Tgt Ion:146 Resp: 523746

Ion Ratio Lower Upper

146 100

111 40.6 28.3 52.5

148 64.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.641 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

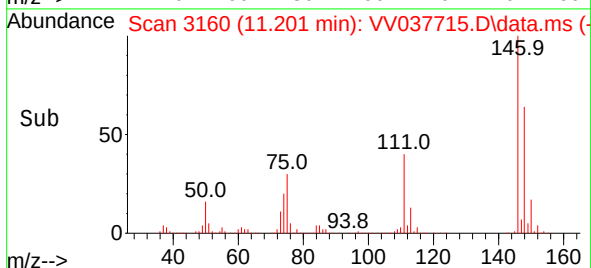
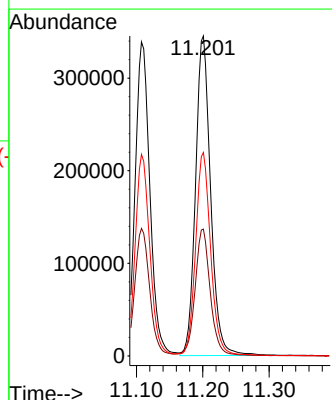
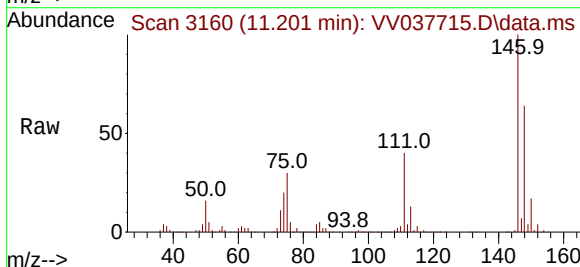
Tgt Ion:146 Resp: 547340

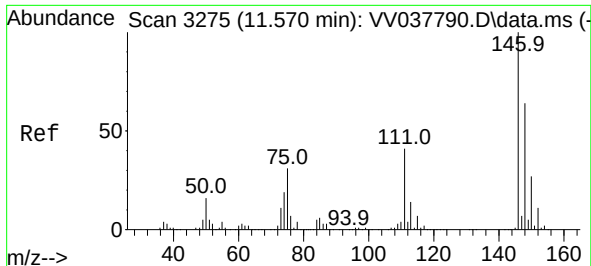
Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.4

148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 49.426 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :

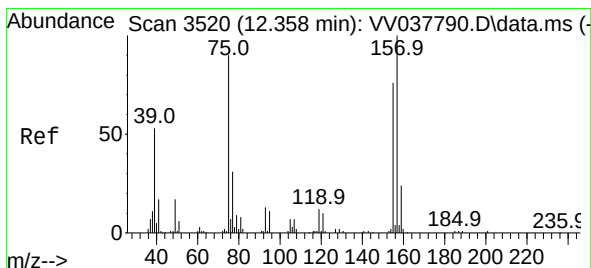
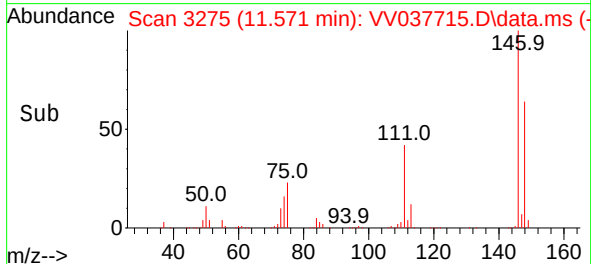
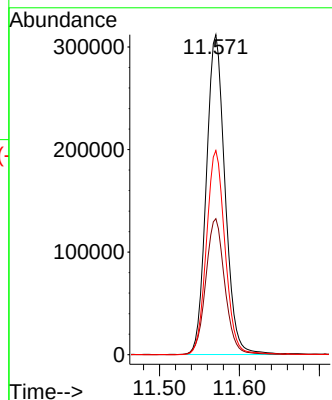
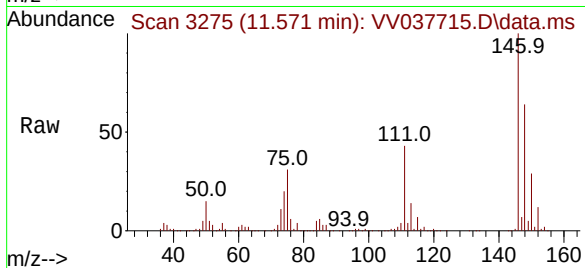
Tgt Ion:146 Resp: 507159

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 63.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 42.967 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

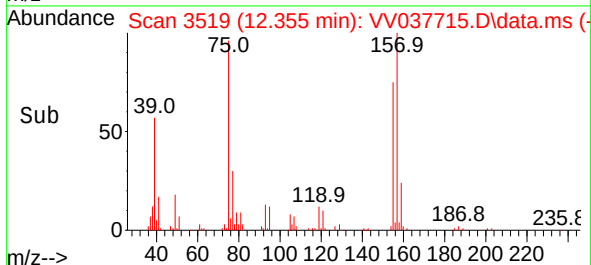
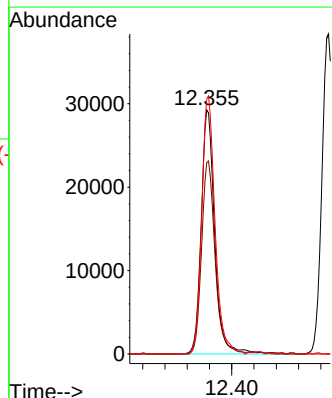
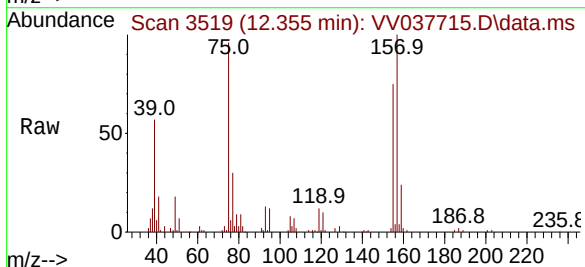
Tgt Ion: 75 Resp: 49227

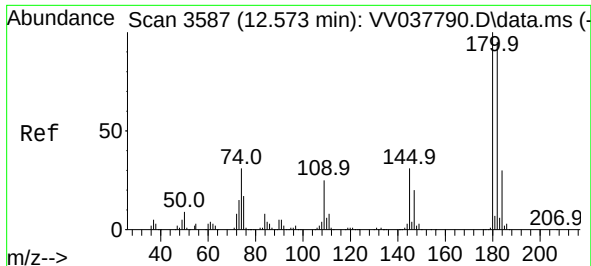
Ion Ratio Lower Upper

75 100

155 78.4 66.2 99.4

157 104.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.427 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

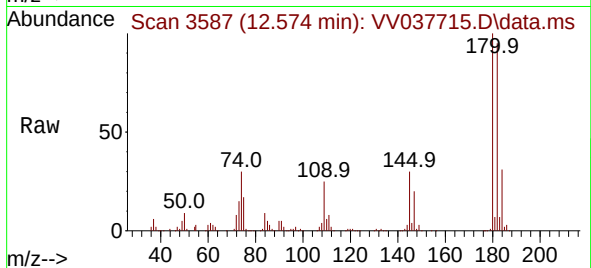
Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 345666

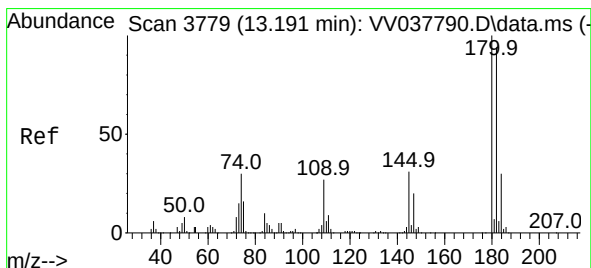
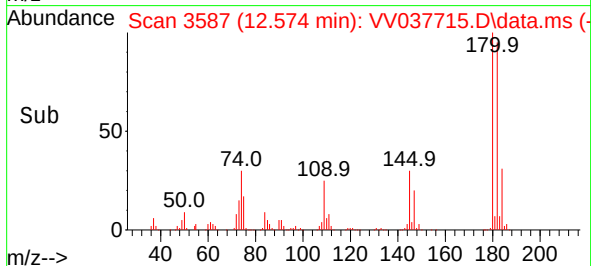
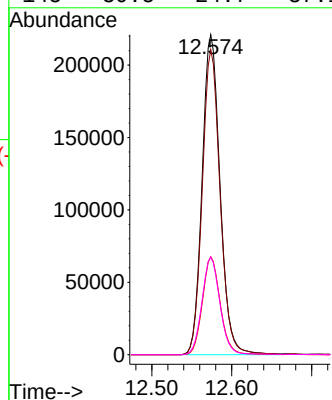
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

184 30.2 23.8 35.6

145 30.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 46.102 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037715.D

Acq: 11 Oct 2024 09:09

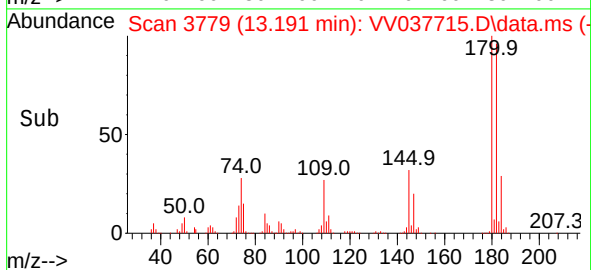
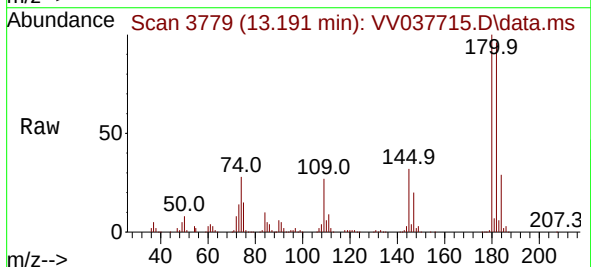
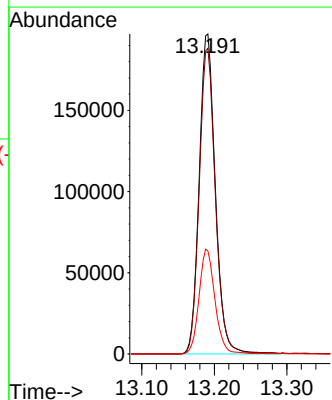
Tgt Ion:180 Resp: 305312

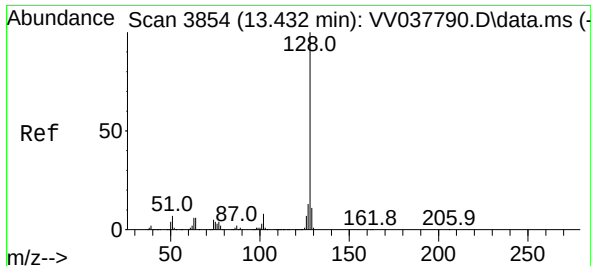
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 32.3 25.4 38.2

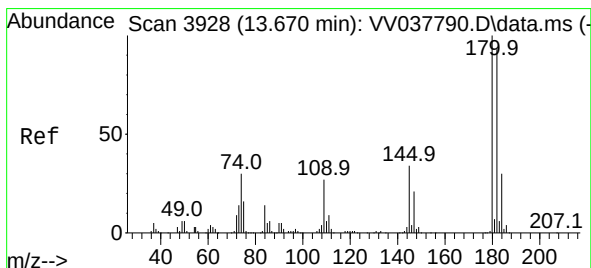
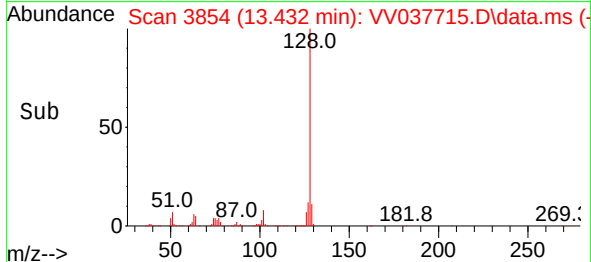
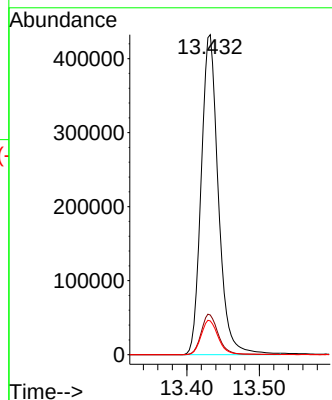
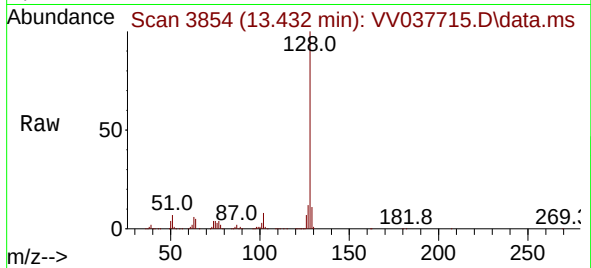




#71
Naphthalene
Concen: 41.066 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 710548
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.270 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.000 min
Lab File: VV037715.D
Acq: 11 Oct 2024 09:09

Tgt Ion:180 Resp: 302599
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.8
145 33.5 26.2 39.4

