

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100324\
 Data File : VV037728.D
 Acq On : 03 Oct 2024 14:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	610924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	595073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	330496	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	280911	52.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.760%
7) Chloroethane-d5	1.532	69	227741	54.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.420%
11) 1,1-Dichloroethene-d2	2.060	65	120035	53.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.140%
21) 2-Butanone-d5	3.790	46	190193	99.568	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.570%
24) Chloroform-d	4.240	84	511250	53.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.160%
26) 1,2-Dichloroethane-d4	4.934	65	298243	53.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.800%
32) Benzene-d6	4.950	84	1011695	54.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.660%
36) 1,2-Dichloropropane-d6	5.979	67	309395	52.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	7.233	98	929410	55.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.080%
43) trans-1,3-Dichloroprop...	7.545	79	144294	52.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.780%
47) 2-Hexanone-d5	8.021	63	119330	95.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.310%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	352318	51.137	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	11.551	152	350209	50.287	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.108	85	269901	51.896	ug/L	99
3) Chloromethane	1.217	50	268055	53.089	ug/L	99
5) Vinyl chloride	1.285	62	282187	52.130	ug/L	99
6) Bromomethane	1.487	94	159986	53.257	ug/L	99
8) Chloroethane	1.548	64	174380	52.266	ug/L	99
9) Trichlorofluoromethane	1.712	101	394290	54.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	235264	54.033	ug/L	99
12) 1,1-Dichloroethene	2.069	96	218338	53.682	ug/L	87
13) Acetone	2.111	43	158926	84.871	ug/L	100
14) Carbon disulfide	2.240	76	623305	49.096	ug/L	100
15) Methyl Acetate	2.368	43	172178	52.688	ug/L	98
16) Methylene chloride	2.442	84	242508	52.660	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	226556	52.654	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	662688	53.682	ug/L	100
19) 1,1-Dichloroethane	3.105	63	440709	53.459	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	254951	52.949	ug/L	98
22) 2-Butanone	3.870	43	193645	93.430	ug/L	95
23) Bromochloromethane	4.137	128	132502	53.199	ug/L	99
25) Chloroform	4.265	83	458927	53.767	ug/L	99

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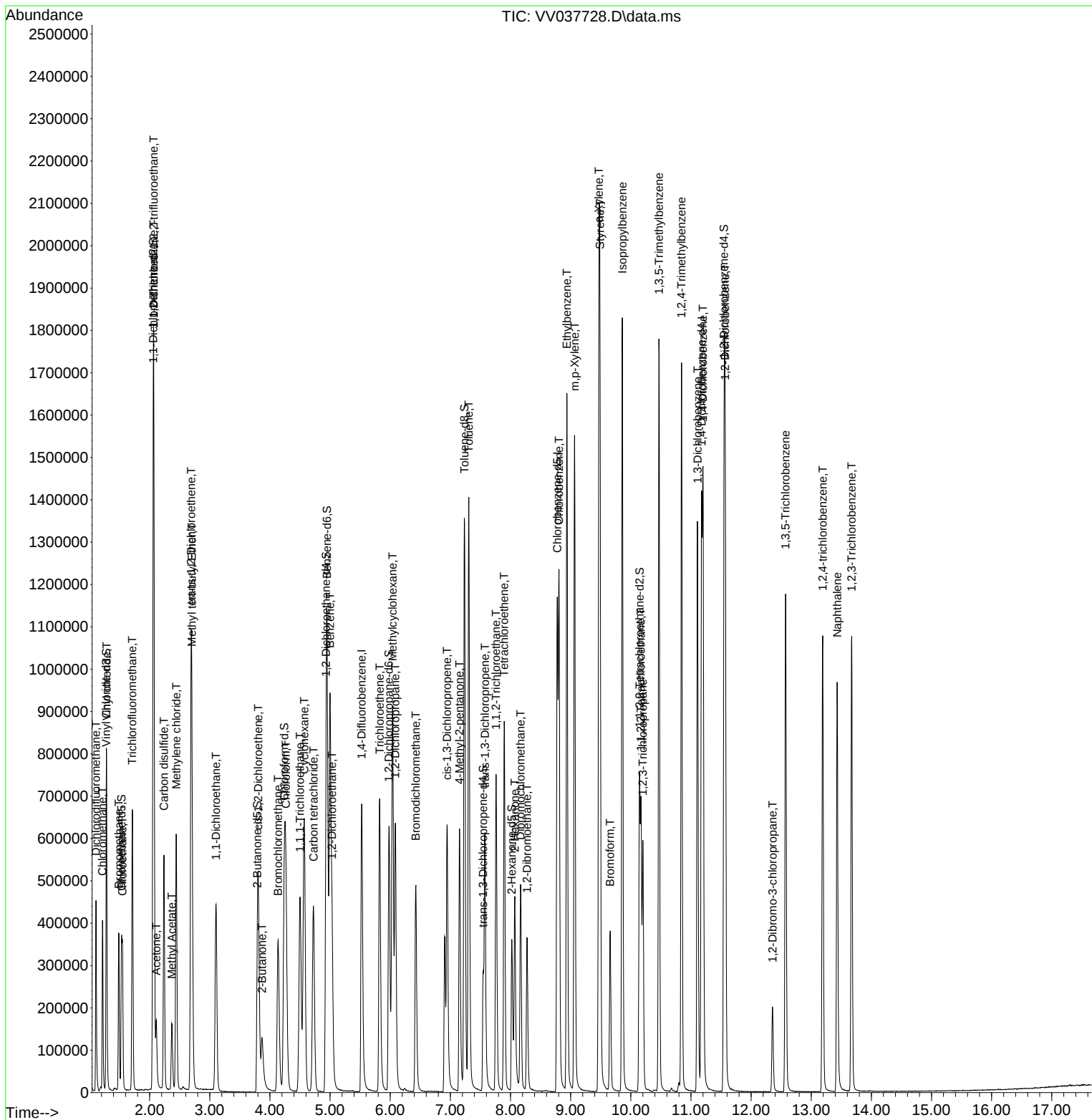
Instrument :
 MSVOA_V
 ClientSampleId :

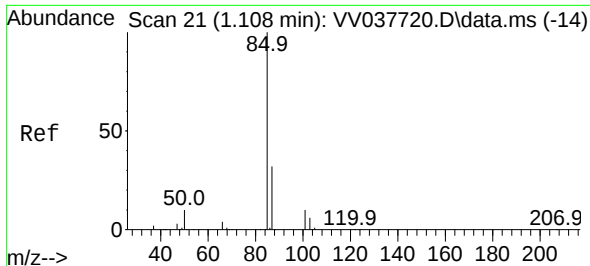
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	330940	54.922	ug/L	100
29) Cyclohexane	4.571	56	350771	51.916	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	385583	52.610	ug/L	99
31) Carbon tetrachloride	4.725	117	340701	53.468	ug/L	100
33) Benzene	4.998	78	960899	53.542	ug/L	100
34) Trichloroethene	5.825	95	250294	52.369	ug/L	98
35) Methylcyclohexane	6.040	83	384483	52.293	ug/L	98
37) 1,2-Dichloropropane	6.085	63	252022	54.381	ug/L	99
38) Bromodichloromethane	6.426	83	331593	53.525	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	392936	53.116	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	399067	105.760	ug/L	99
42) Toluene	7.307	91	1027992	55.253	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	353375	53.058	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	237934	53.469	ug/L	100
46) Tetrachloroethene	7.896	164	191671	52.452	ug/L	98
48) 2-Hexanone	8.072	43	284880	97.094	ug/L	98
49) Dibromochloromethane	8.169	129	253555	53.837	ug/L	98
50) 1,2-Dibromoethane	8.275	107	239280	52.019	ug/L	100
51) Chlorobenzene	8.805	112	664272	52.405	ug/L	99
52) Ethylbenzene	8.937	91	1135059	54.198	ug/L	99
53) m,p-Xylene	9.066	106	438917	56.312	ug/L	98
54) o-Xylene	9.471	106	415212	54.565	ug/L	99
55) Styrene	9.487	104	747460	56.425	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	324367	52.282	ug/L	100
59) Bromoform	9.657	173	166253	51.469	ug/L	96
60) Isopropylbenzene	9.860	105	1137032	52.918	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	235525	50.082	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	908755	53.495	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	899530	53.220	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	538879	52.104	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	561358	52.126	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	528927	51.734	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53625	46.974	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	355916	50.043	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	322125	48.816	ug/L	99
71) Naphthalene	13.432	128	778905	45.179	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	315348	48.393	ug/L	99

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

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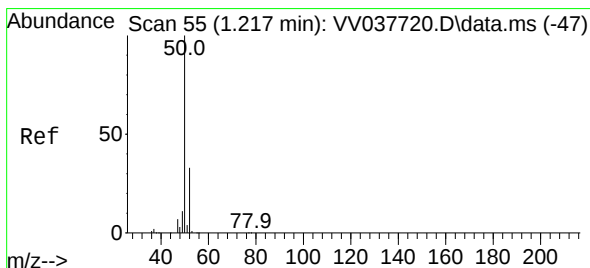
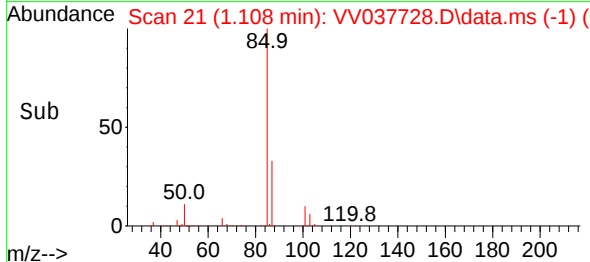
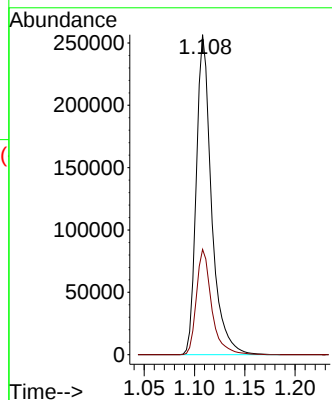
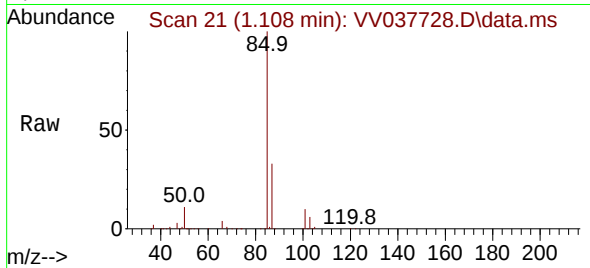




#2
 Dichlorodifluoromethane
 Concen: 51.896 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

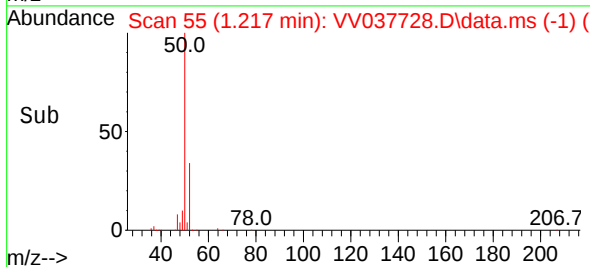
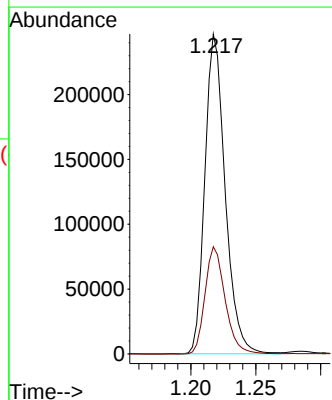
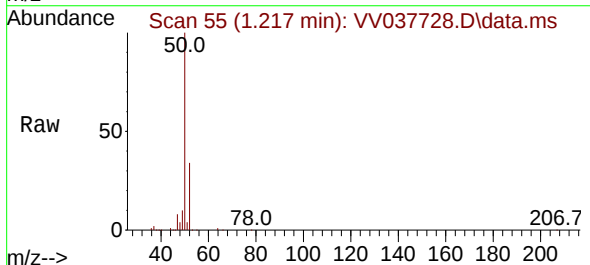
Instrument :
 MSVOA_V
 ClientSampleId :

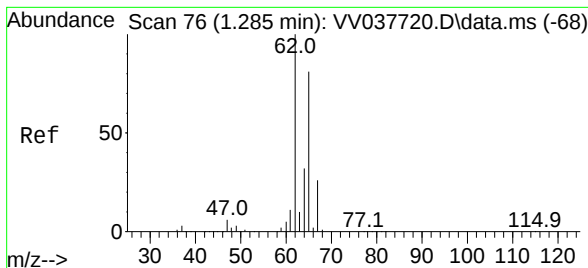
Tgt Ion: 85 Resp: 269901
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 53.089 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

Tgt Ion: 50 Resp: 268055
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2

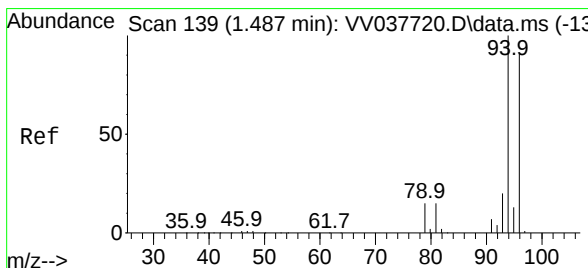
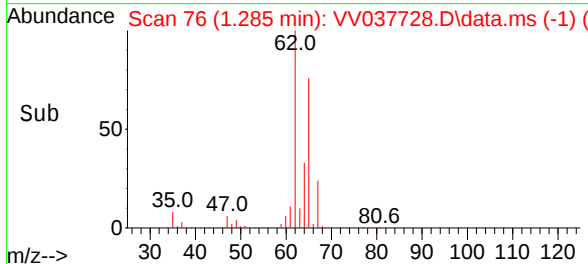
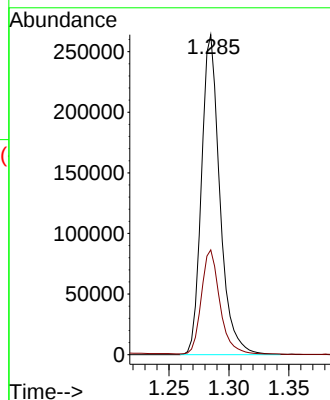
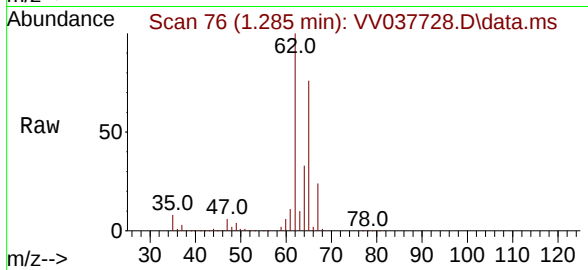




#5
 Vinyl chloride
 Concen: 52.130 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

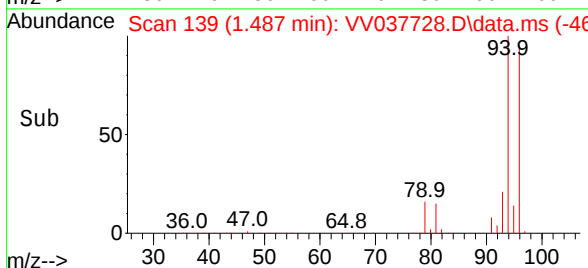
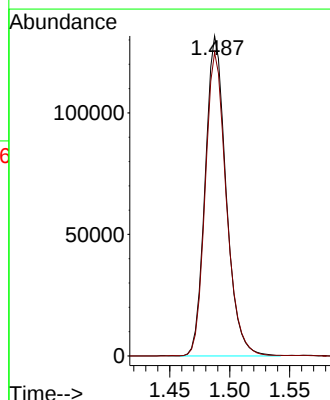
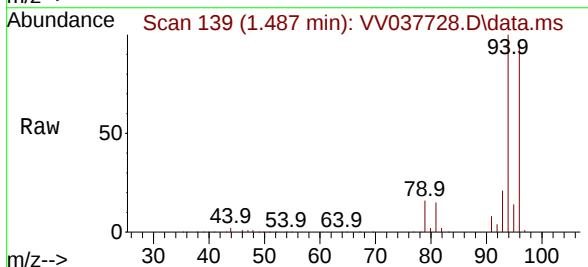
Instrument :
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 ClientSampleId :

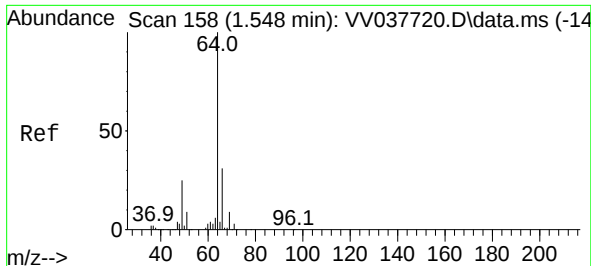
Tgt Ion: 62 Resp: 282187
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 53.257 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

Tgt Ion: 94 Resp: 159986
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2

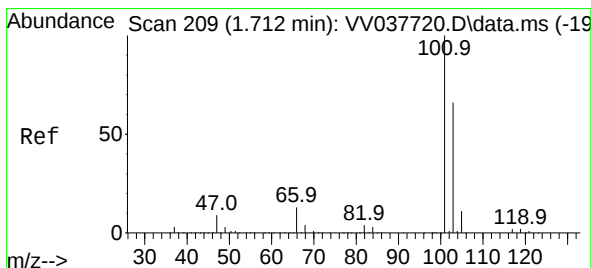
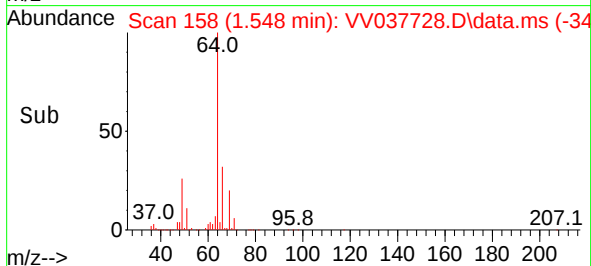
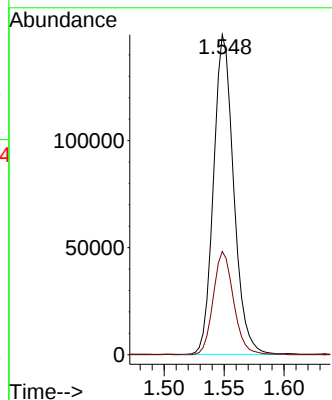
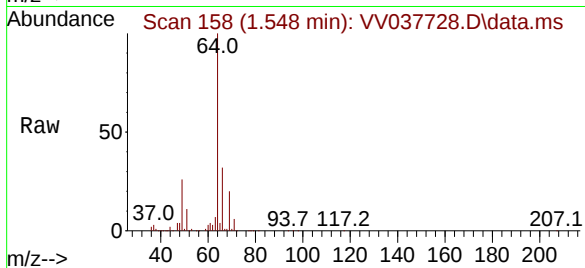




#8
Chloroethane
Concen: 52.266 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

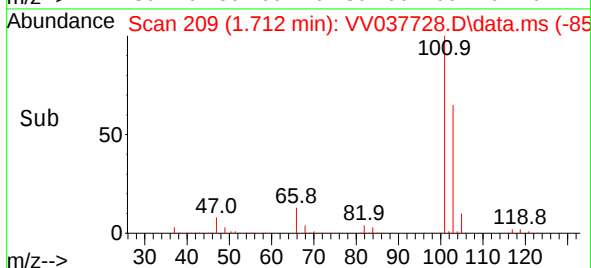
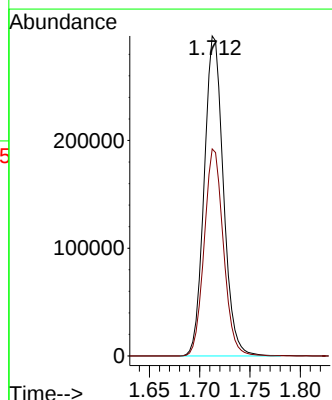
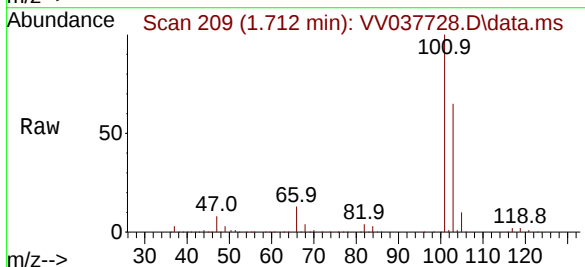
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ClientSampleId :

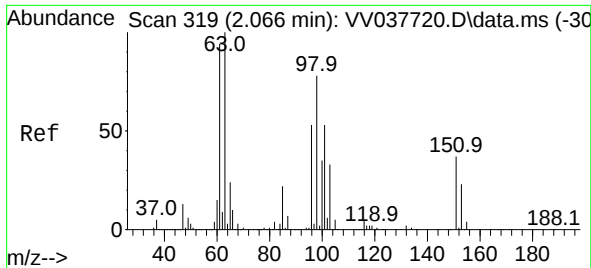
Tgt Ion: 64 Resp: 174380
Ion Ratio Lower Upper
64 100
66 32.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 54.113 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion:101 Resp: 394290
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

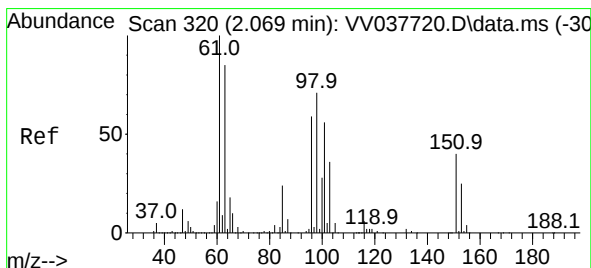
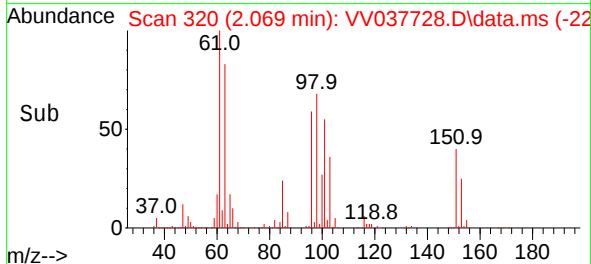
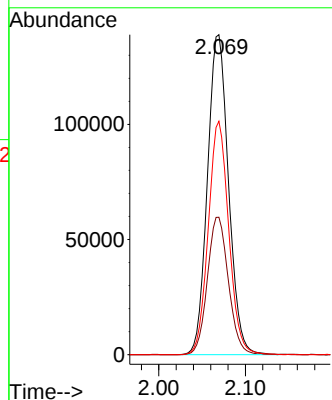
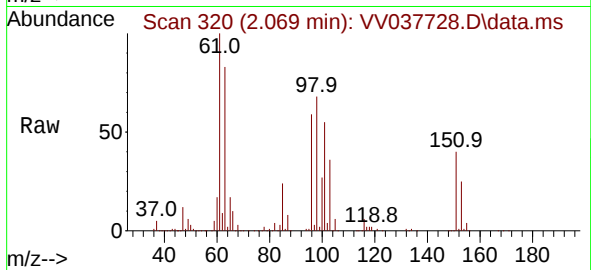




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.033 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

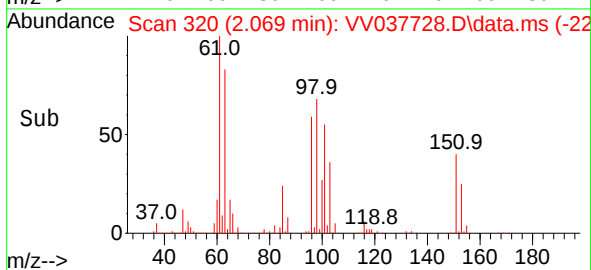
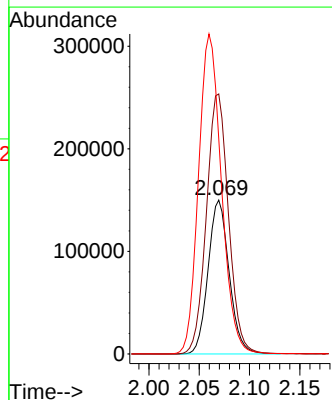
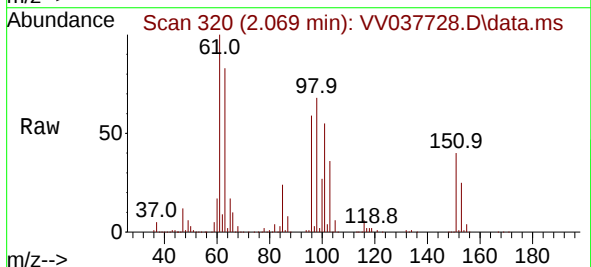
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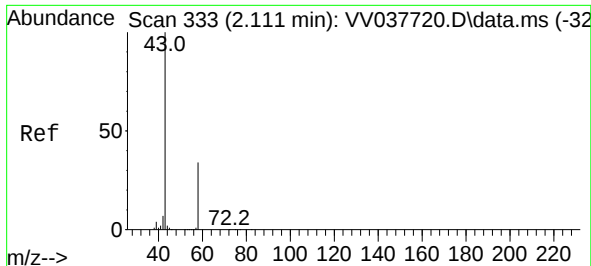
Tgt Ion:101 Resp: 235264
Ion Ratio Lower Upper
101 100
85 42.8 34.6 52.0
151 70.9 57.5 86.3



#12
1,1-Dichloroethene
Concen: 53.682 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 96 Resp: 218338
Ion Ratio Lower Upper
96 100
61 168.9 122.6 227.6
63 139.8 118.0 219.2





#13

Acetone

Concen: 84.871 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

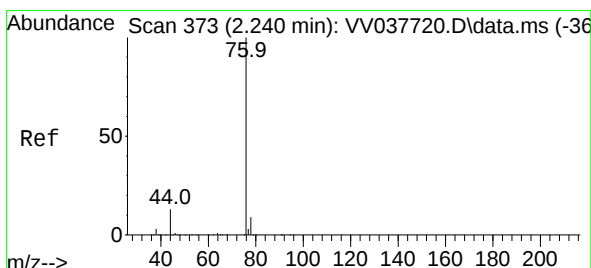
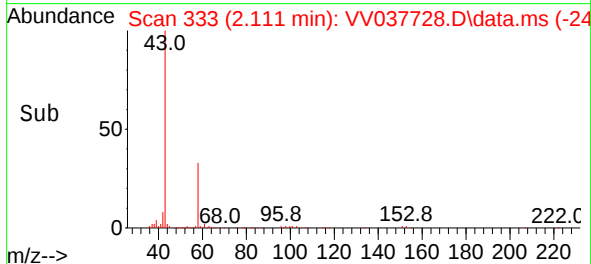
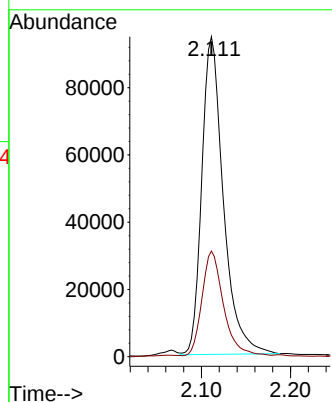
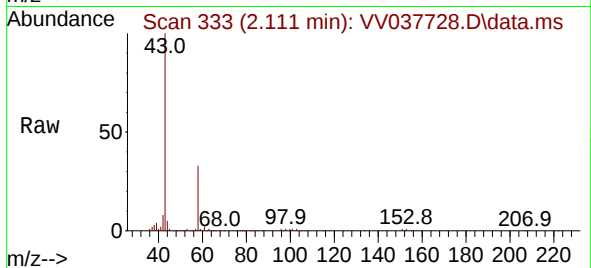
ClientSampleId :

Tgt Ion: 43 Resp: 158926

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.6



#14

Carbon disulfide

Concen: 49.096 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037728.D

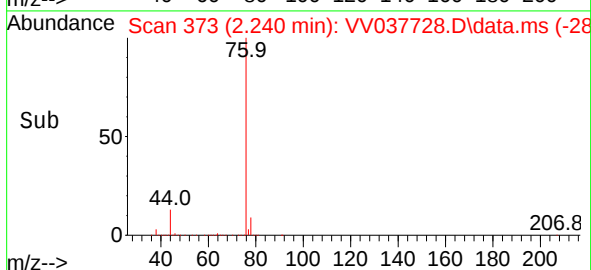
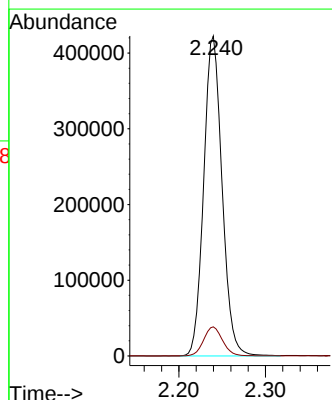
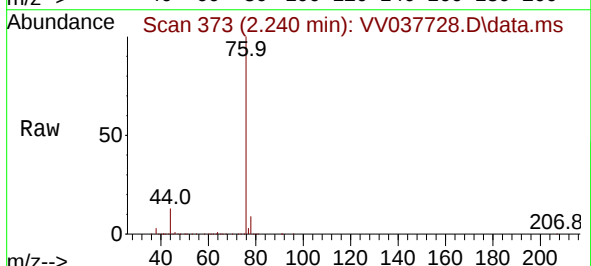
Acq: 03 Oct 2024 14:45

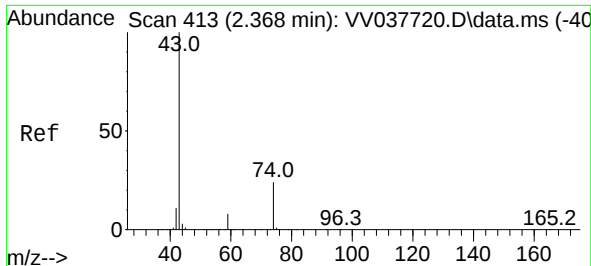
Tgt Ion: 76 Resp: 623305

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 52.688 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

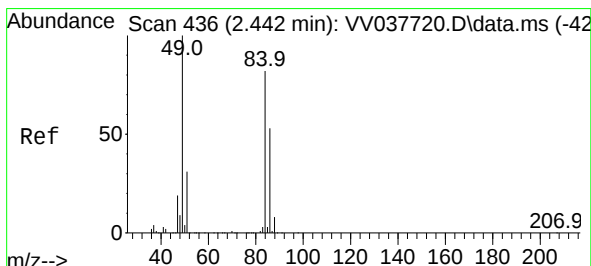
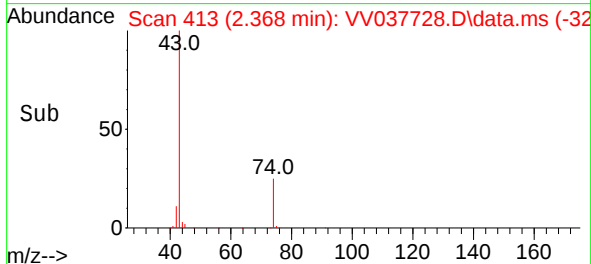
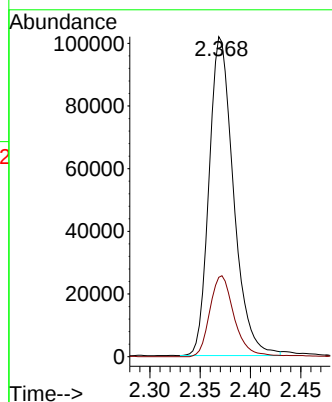
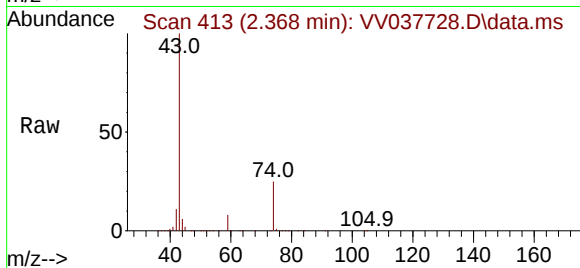
ClientSampleId :

Tgt Ion: 43 Resp: 172178

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.0



#16

Methylene chloride

Concen: 52.660 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

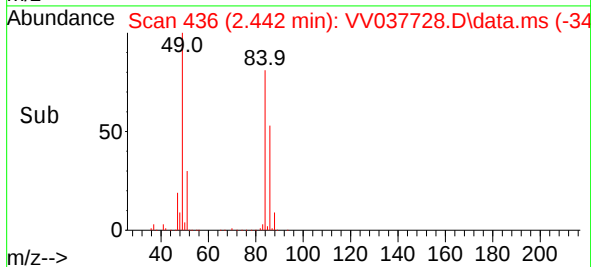
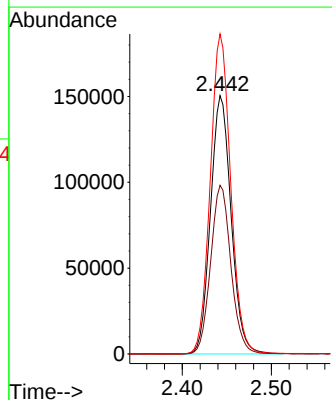
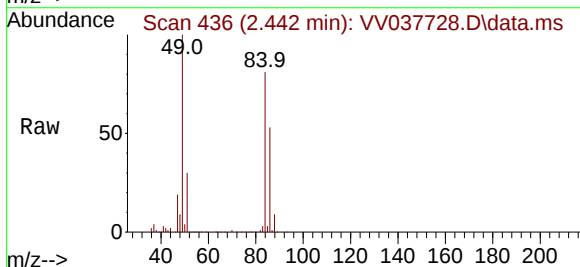
Tgt Ion: 84 Resp: 242508

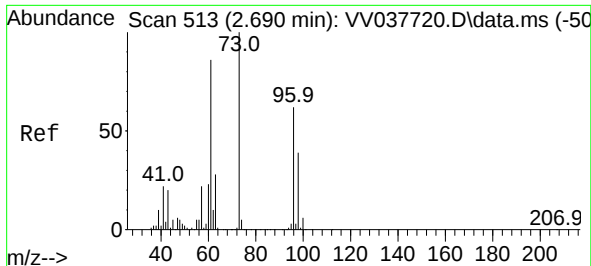
Ion Ratio Lower Upper

84 100

86 65.3 46.4 86.2

49 123.9 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 52.654 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

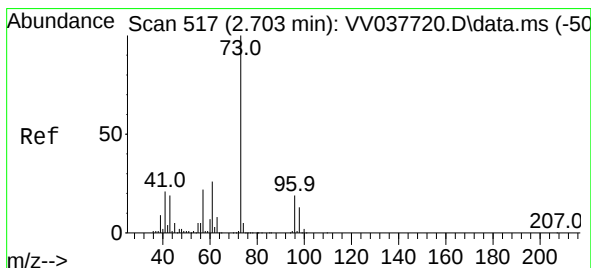
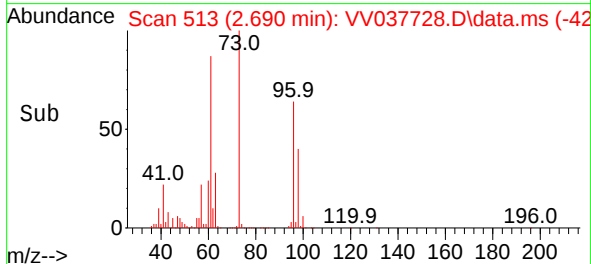
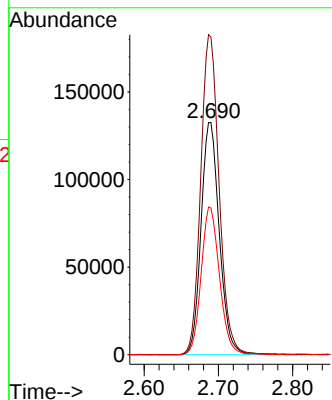
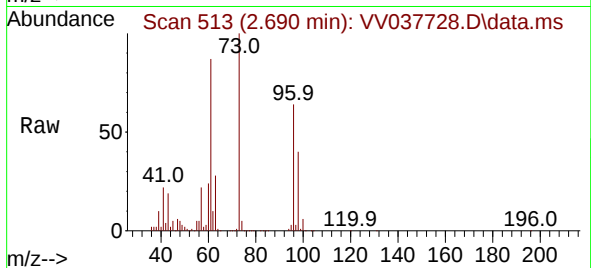
Tgt Ion: 96 Resp: 226556

Ion Ratio Lower Upper

96 100

61 136.8 97.3 180.7

98 63.2 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 53.682 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

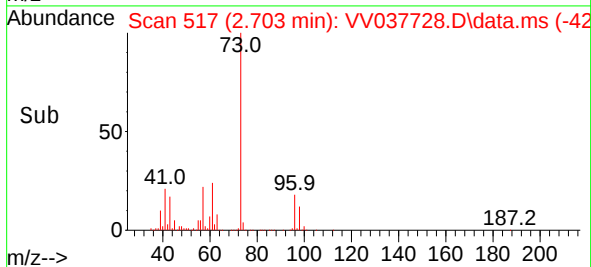
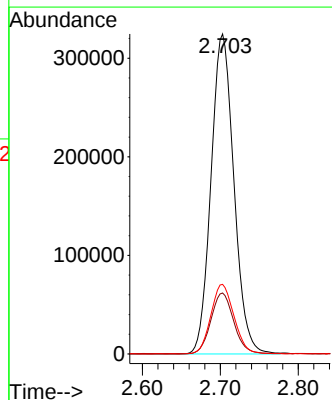
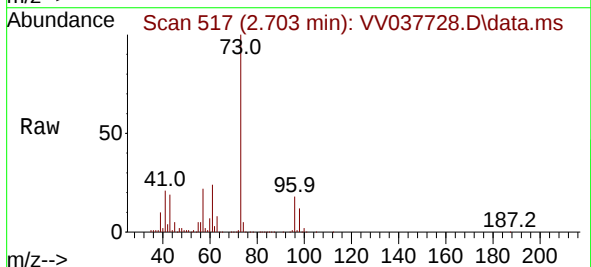
Tgt Ion: 73 Resp: 662688

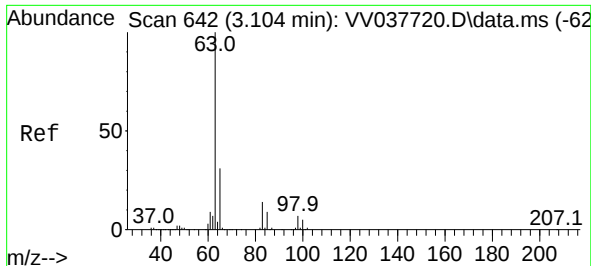
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

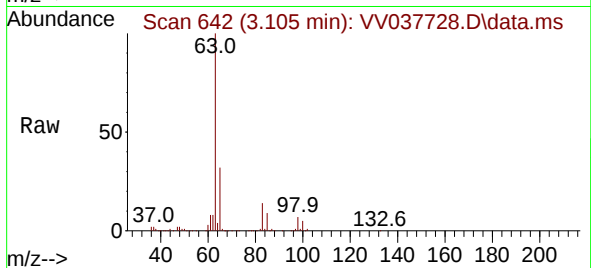
57 22.0 17.4 26.2



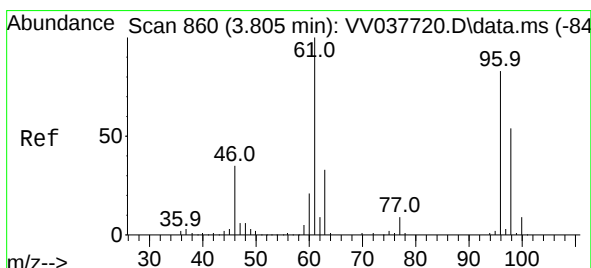
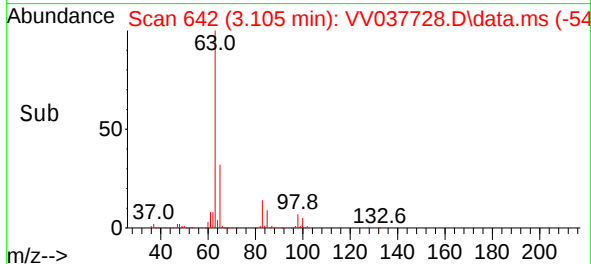
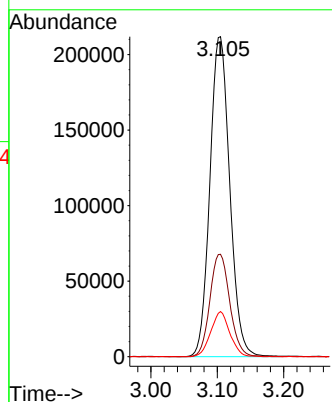


#19
1,1-Dichloroethane
Concen: 53.459 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :

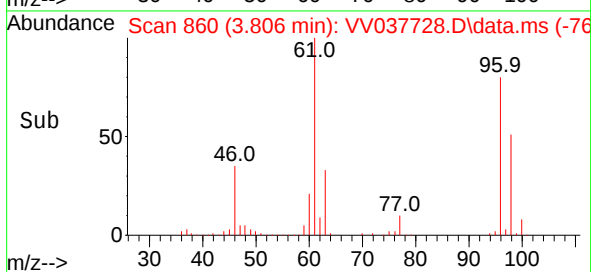
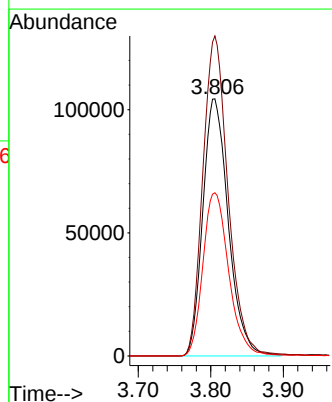
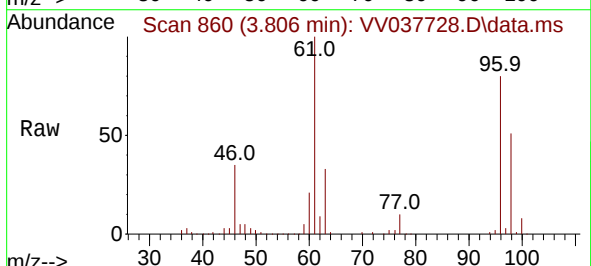


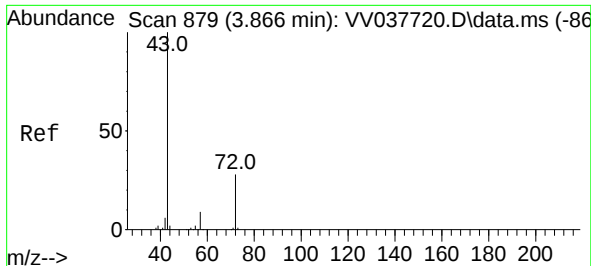
Tgt Ion: 63 Resp: 440709
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 14.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.949 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 96 Resp: 254951
Ion Ratio Lower Upper
96 100
61 124.4 85.0 157.8
98 63.5 44.2 82.0

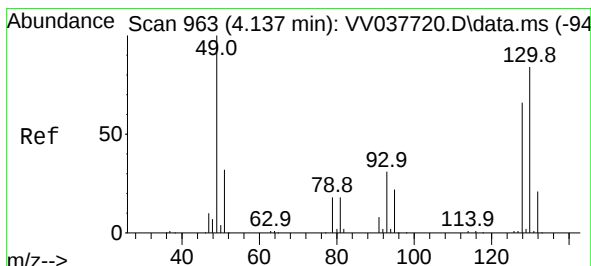
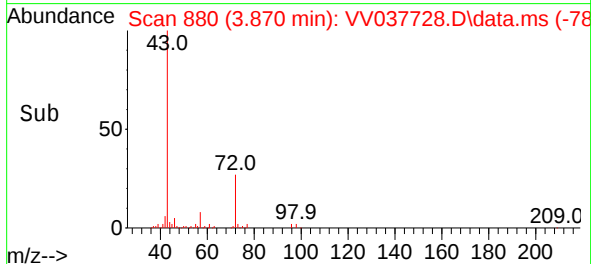
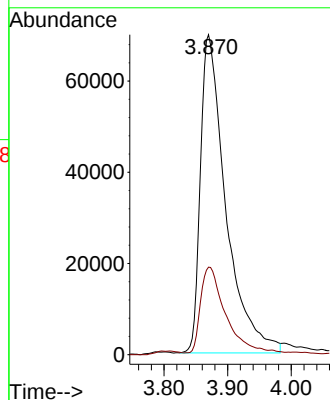
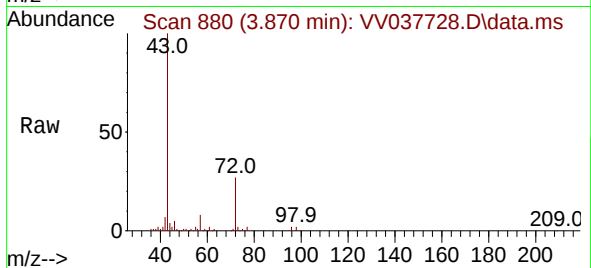




#22
2-Butanone
Concen: 93.430 ug/L
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

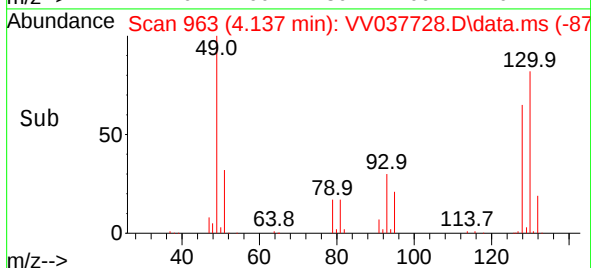
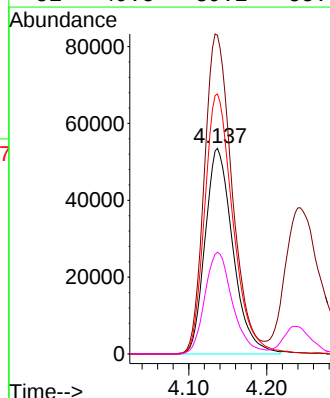
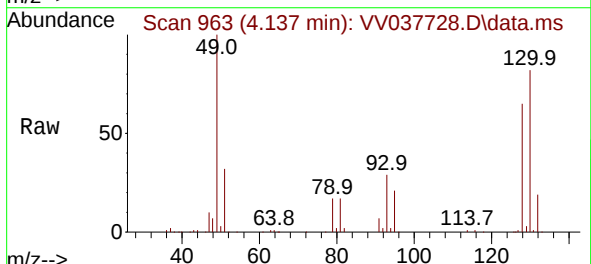
Instrument :
MSVOA_V
ClientSampleId :

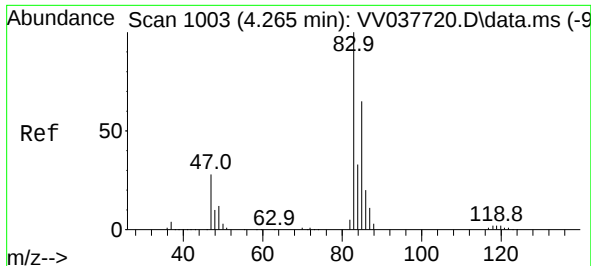
Tgt Ion: 43 Resp: 193645
Ion Ratio Lower Upper
43 100
72 25.8 14.3 42.9



#23
Bromochloromethane
Concen: 53.199 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 128 Resp: 132502
Ion Ratio Lower Upper
128 100
49 155.0 108.7 201.9
130 126.4 90.4 168.0
51 49.5 39.2 58.8





#25

Chloroform

Concen: 53.767 ug/L

RT: 4.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

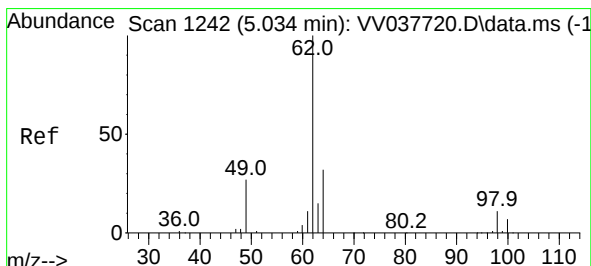
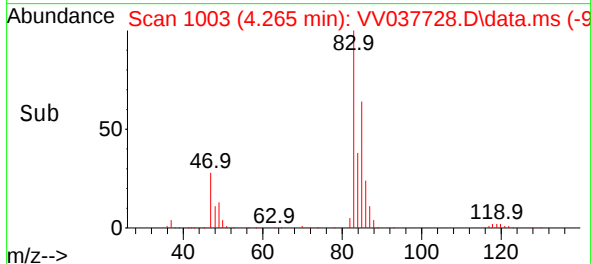
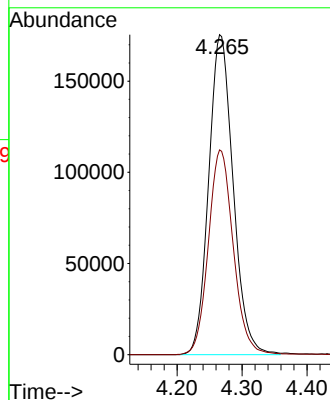
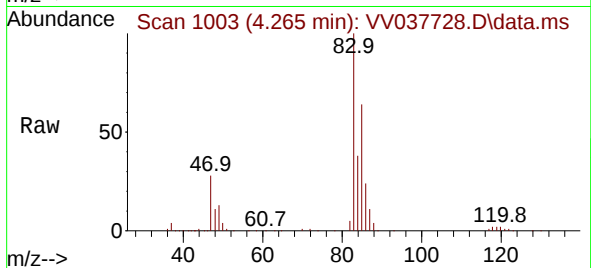
ClientSampleId :

Tgt Ion: 83 Resp: 458927

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.922 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037728.D

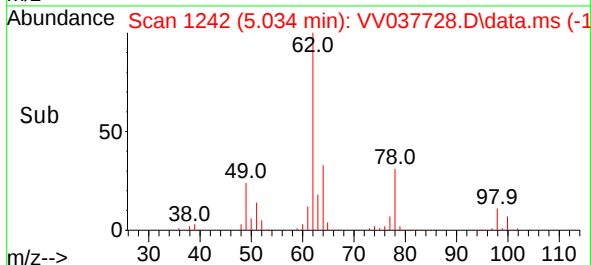
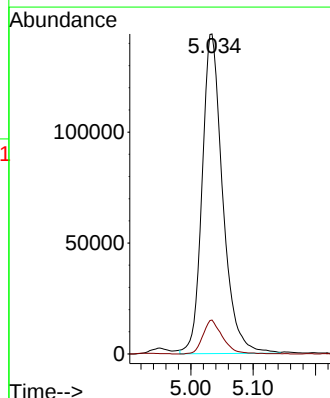
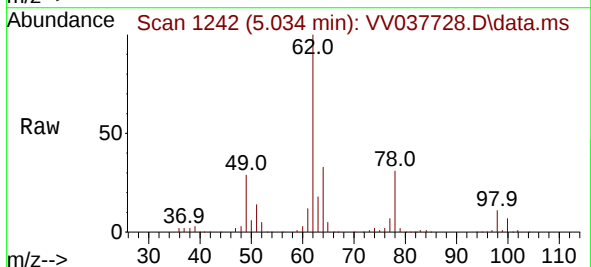
Acq: 03 Oct 2024 14:45

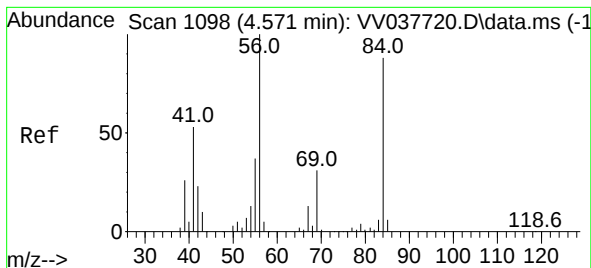
Tgt Ion: 62 Resp: 330940

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 51.916 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

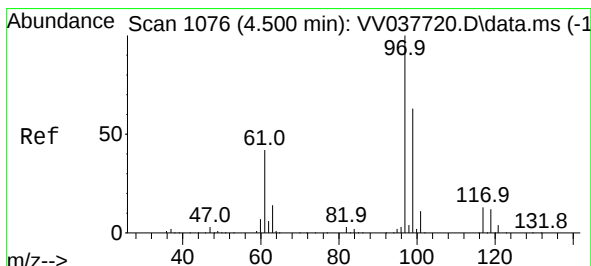
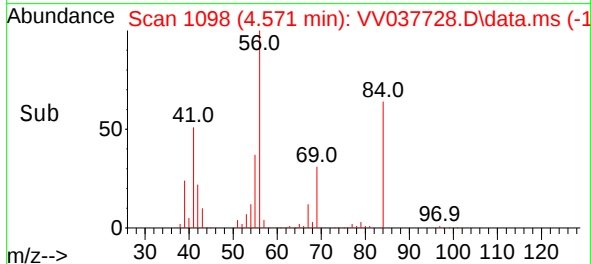
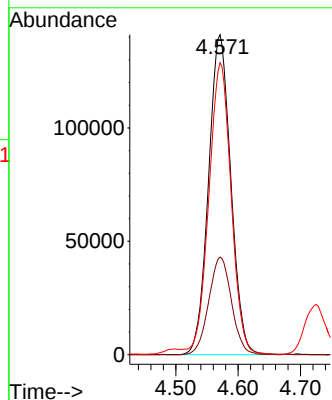
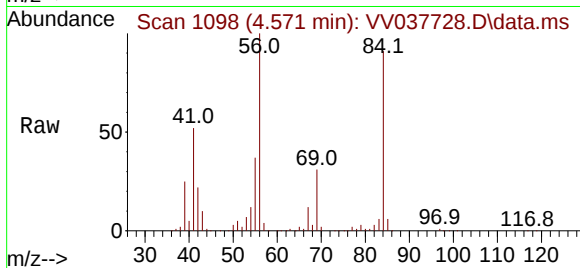
Tgt Ion: 56 Resp: 350771

Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 90.5 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 52.610 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

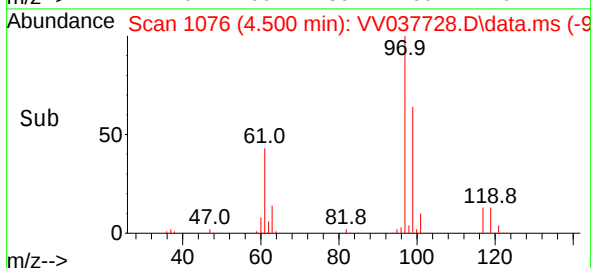
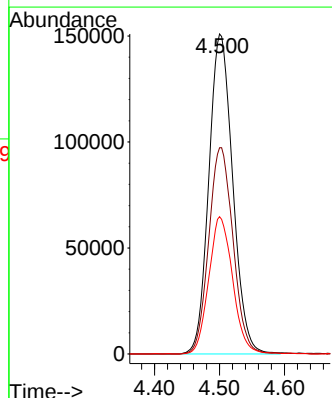
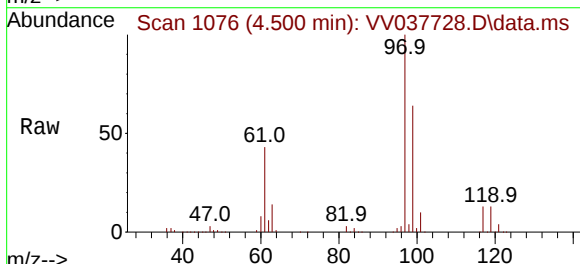
Tgt Ion: 97 Resp: 385583

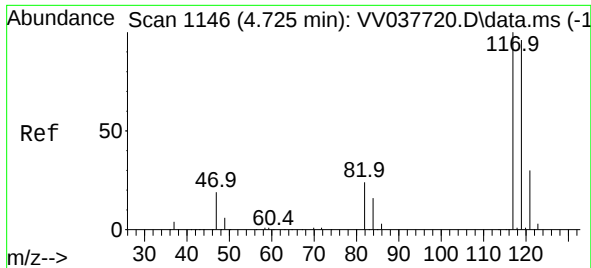
Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.6

61 42.9 33.6 50.4

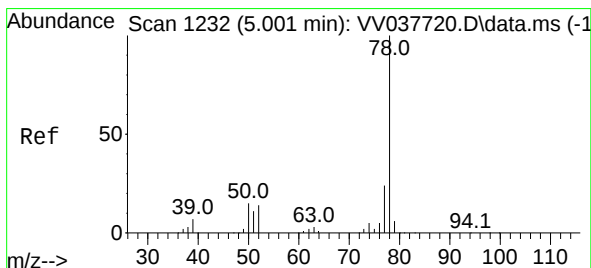
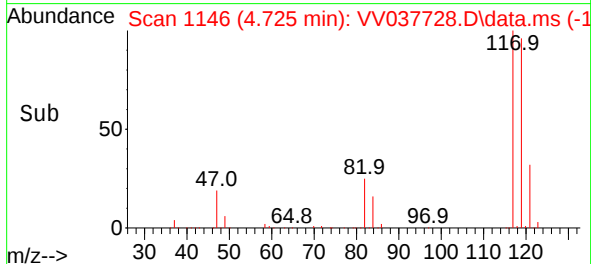
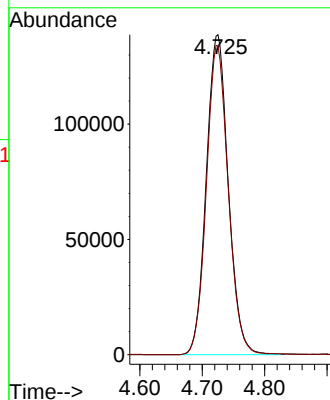
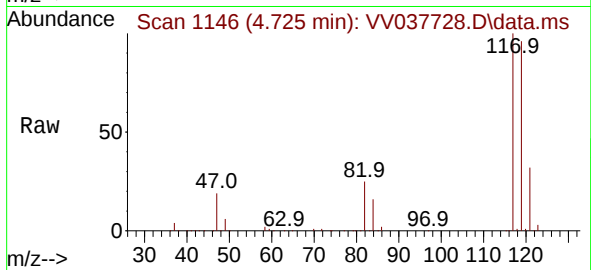




#31
Carbon tetrachloride
Concen: 53.468 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

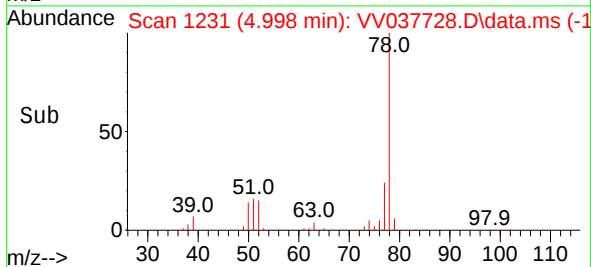
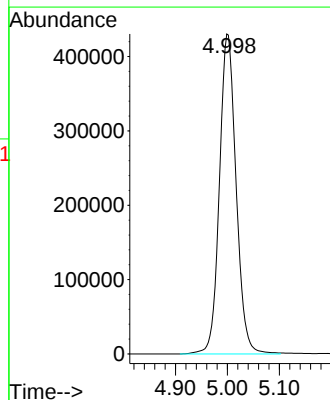
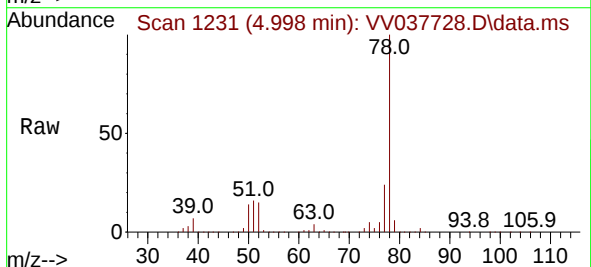
Instrument :
MSVOA_V
ClientSampleId :

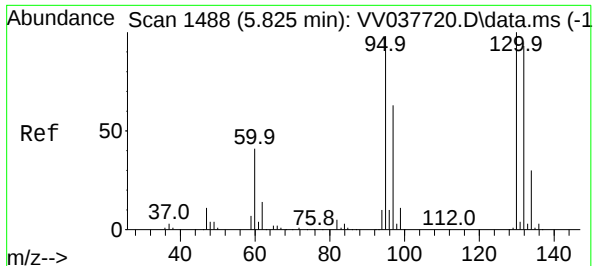
Tgt Ion:117 Resp: 340701
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 53.542 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 78 Resp: 960899





#34

Trichloroethene

Concen: 52.369 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 250294

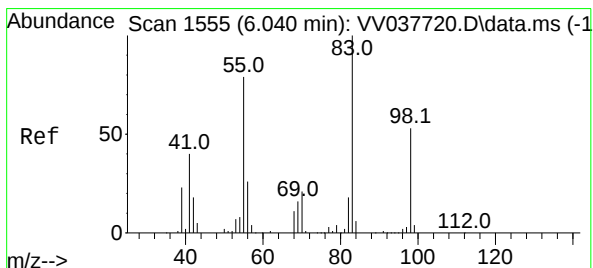
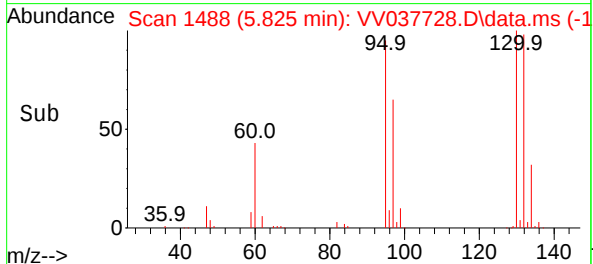
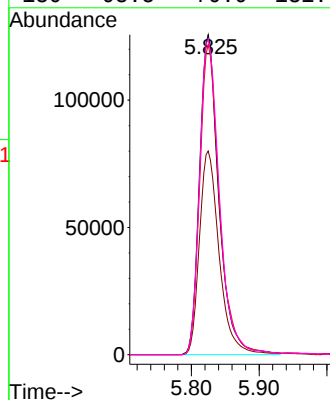
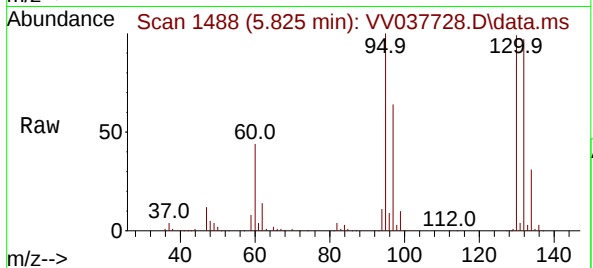
Ion Ratio Lower Upper

95 100

97 63.6 46.3 85.9

132 96.9 68.6 127.4

130 98.5 70.9 131.7



#35

Methylcyclohexane

Concen: 52.293 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

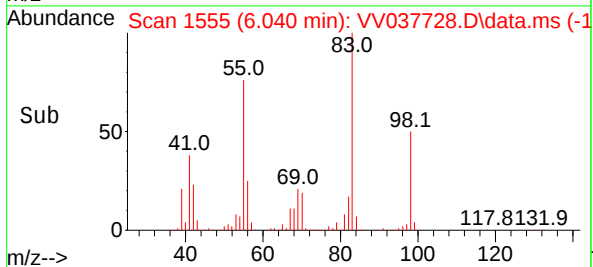
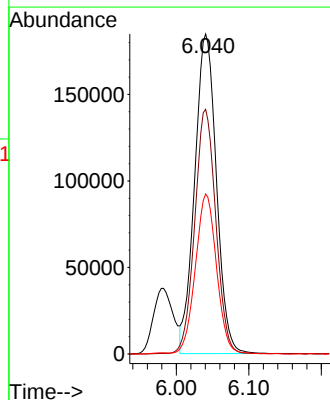
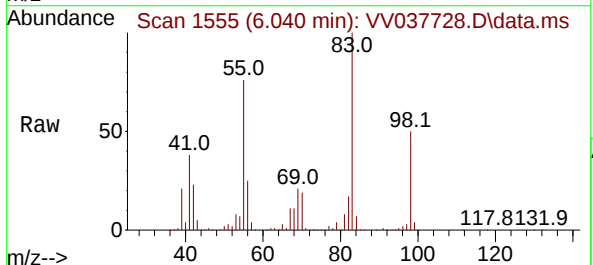
Tgt Ion: 83 Resp: 384483

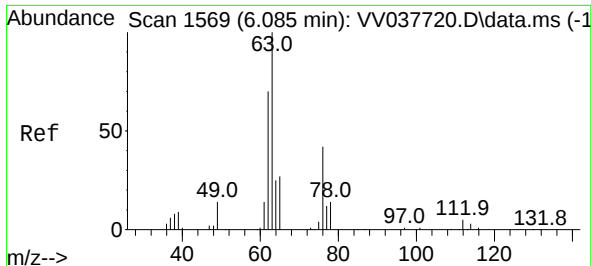
Ion Ratio Lower Upper

83 100

55 74.5 57.9 86.9

98 48.9 39.3 58.9

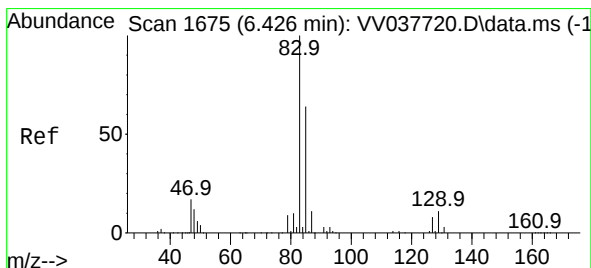
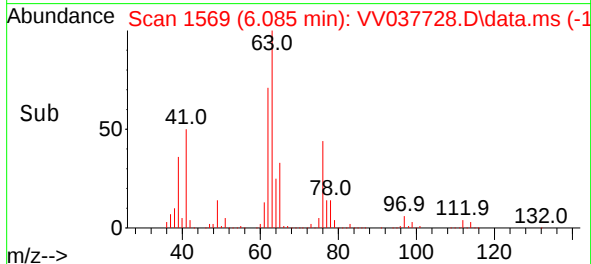
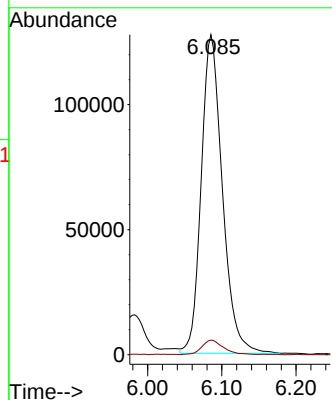
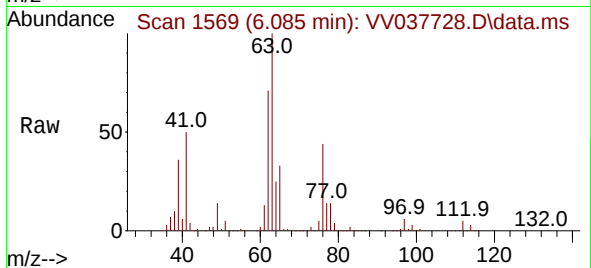




#37
1,2-Dichloropropane
Concen: 54.381 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

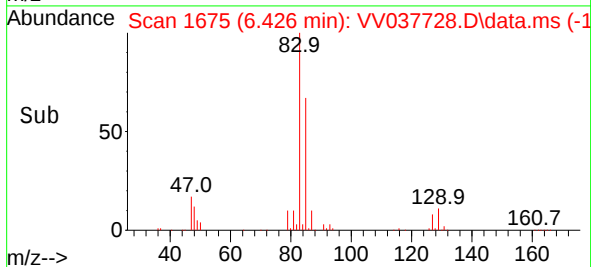
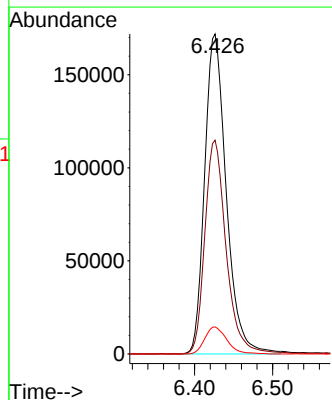
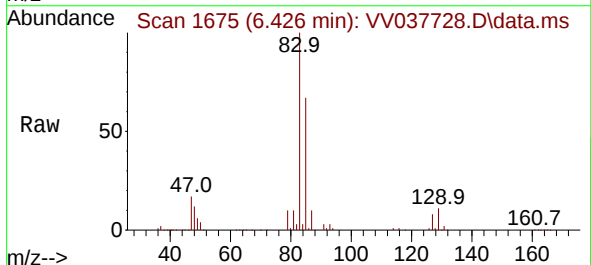
Instrument :
MSVOA_V
ClientSampleId :

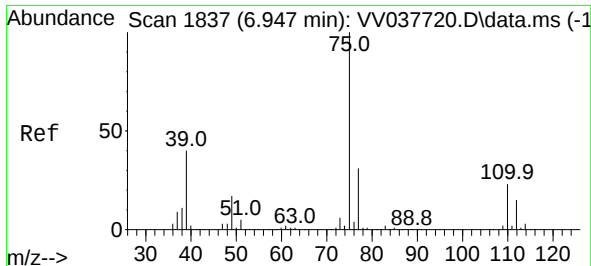
Tgt Ion: 63 Resp: 252022
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 53.525 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 83 Resp: 331593
Ion Ratio Lower Upper
83 100
85 66.8 45.7 84.9
127 8.5 7.0 10.4

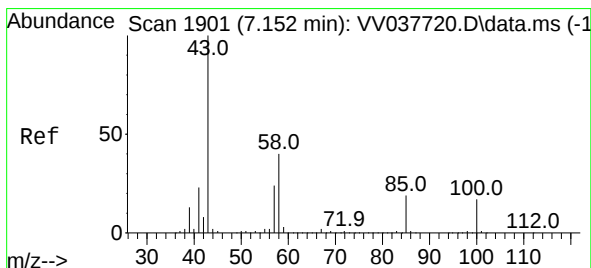
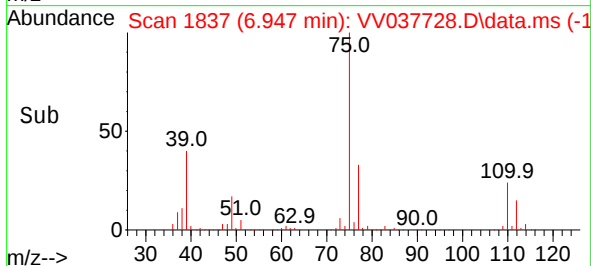
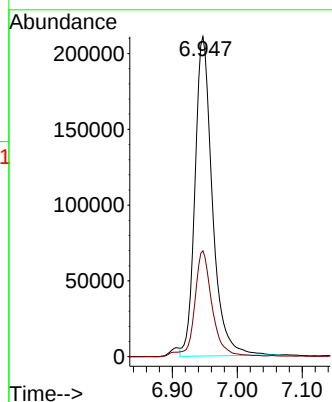
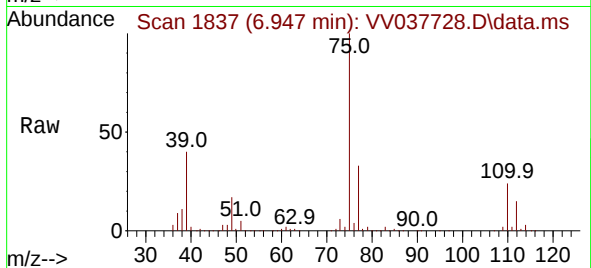




#39
 cis-1,3-Dichloropropene
 Concen: 53.116 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

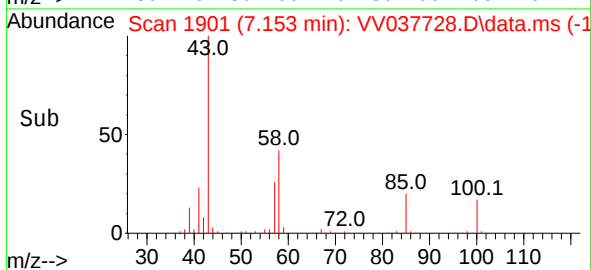
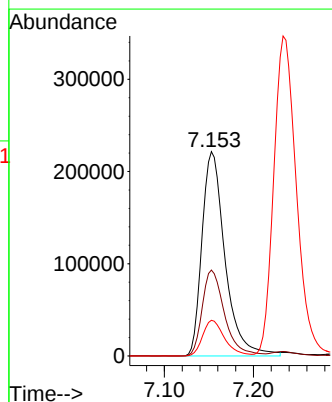
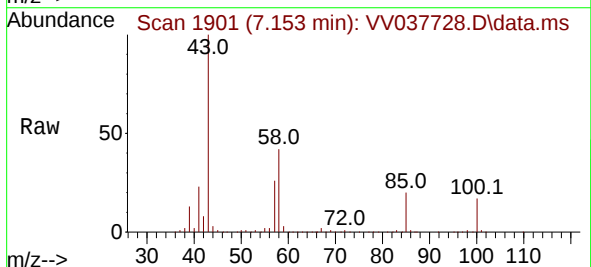
Instrument :
 MSVOA_V
 ClientSampleId :

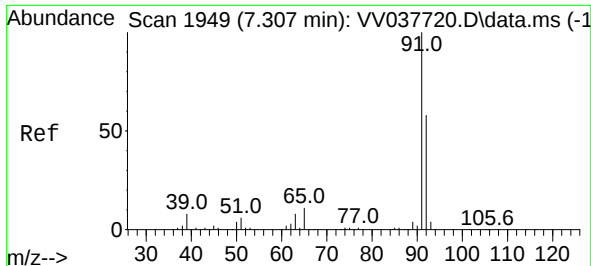
Tgt Ion: 75 Resp: 392936
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 105.760 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV037728.D
 Acq: 03 Oct 2024 14:45

Tgt Ion: 43 Resp: 399067
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.0 49.4
 100 16.6 13.7 20.5





#42

Toluene

Concen: 55.253 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

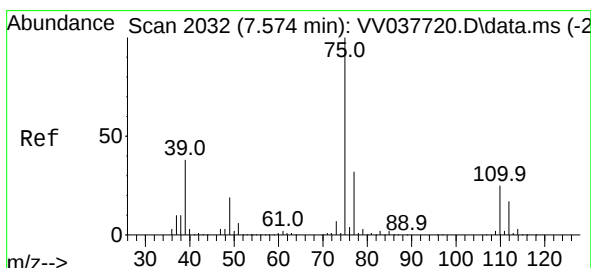
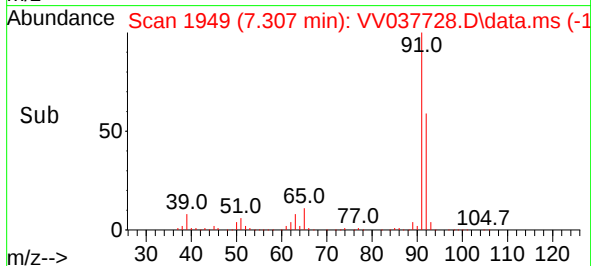
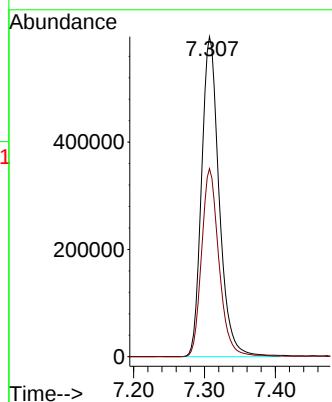
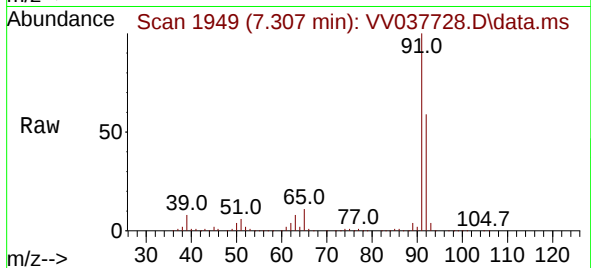
ClientSampleId :

Tgt Ion: 91 Resp: 1027992

Ion Ratio Lower Upper

91 100

92 58.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 53.058 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037728.D

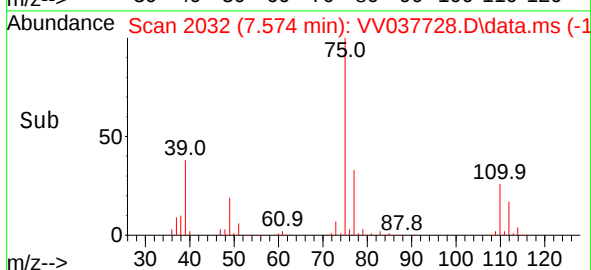
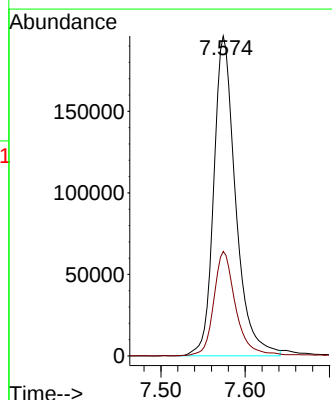
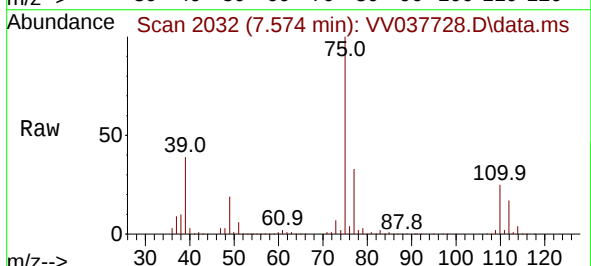
Acq: 03 Oct 2024 14:45

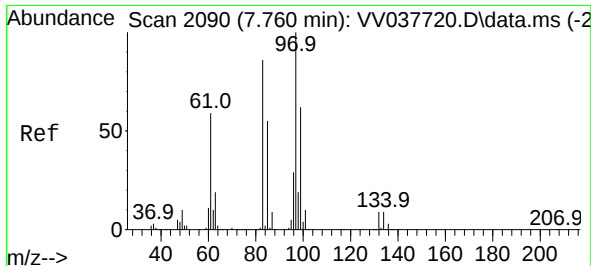
Tgt Ion: 75 Resp: 353375

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 53.469 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 237934

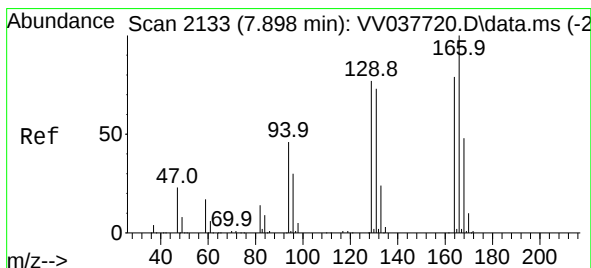
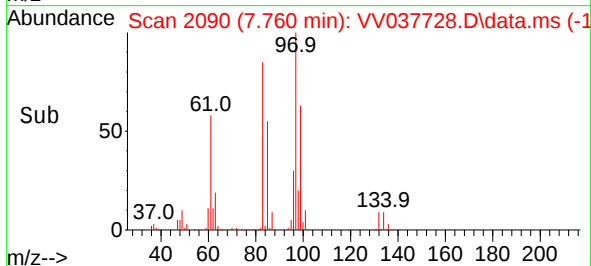
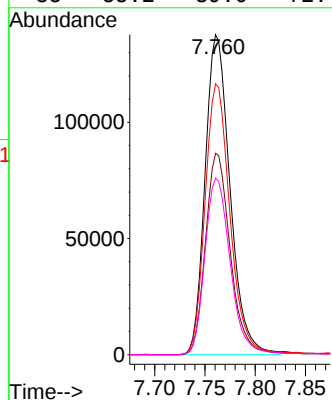
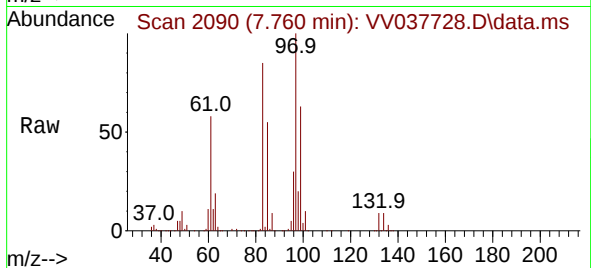
Ion Ratio Lower Upper

97 100

99 62.9 44.1 81.9

83 84.6 59.3 110.1

85 55.2 39.0 72.4



#46

Tetrachloroethene

Concen: 52.452 ug/L

RT: 7.896 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Tgt Ion:164 Resp: 191671

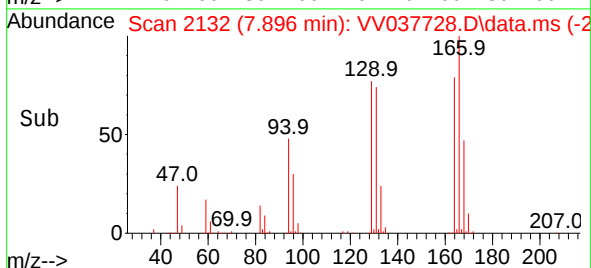
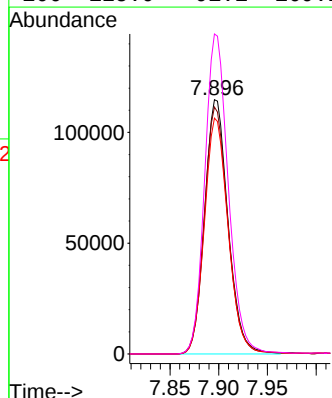
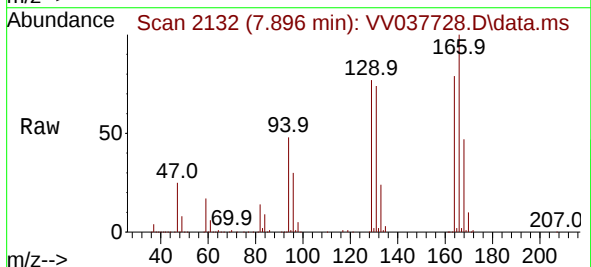
Ion Ratio Lower Upper

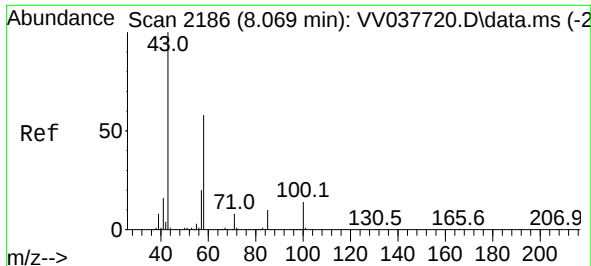
164 100

129 97.1 68.2 126.6

131 92.8 66.1 122.8

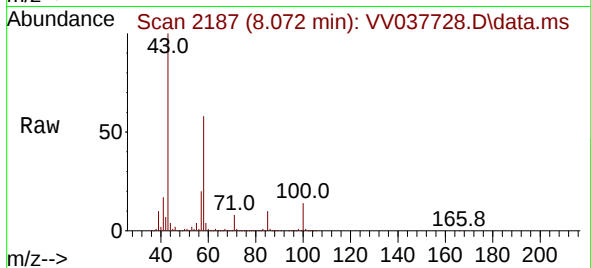
166 125.9 91.1 169.1



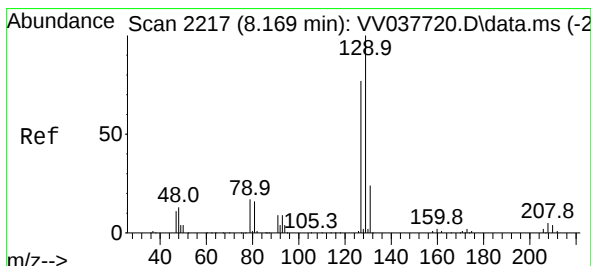
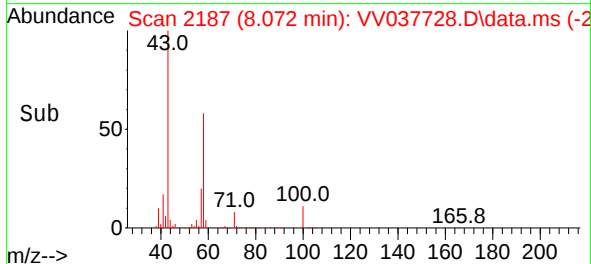
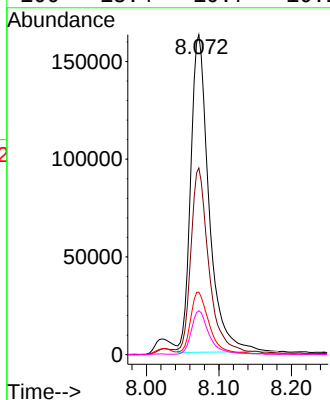


#48
2-Hexanone
Concen: 97.094 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Instrument :
MSVOA_V
ClientSampleId :

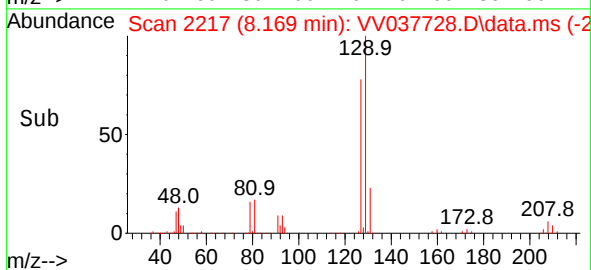
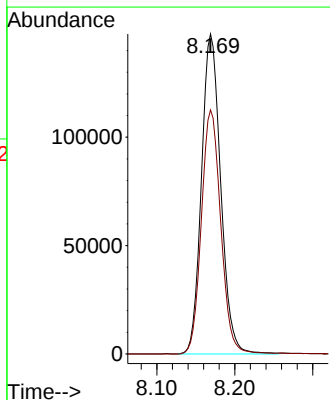
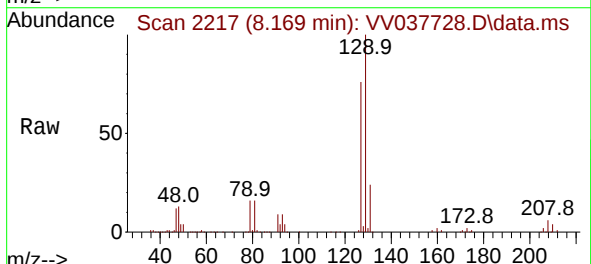


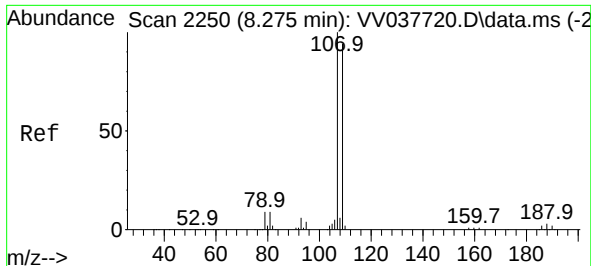
Tgt Ion: 43 Resp: 284880
Ion Ratio Lower Upper
43 100
58 56.4 46.5 69.7
57 18.8 15.1 22.7
100 13.4 10.7 16.1



#49
Dibromochloromethane
Concen: 53.837 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 129 Resp: 253555
Ion Ratio Lower Upper
129 100
127 76.2 54.9 101.9

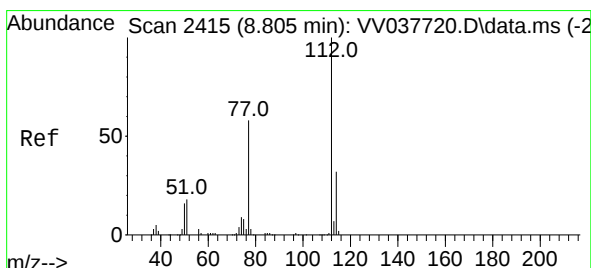
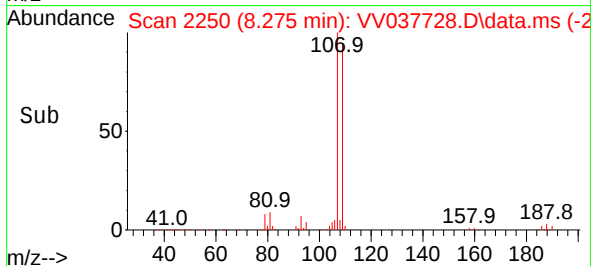
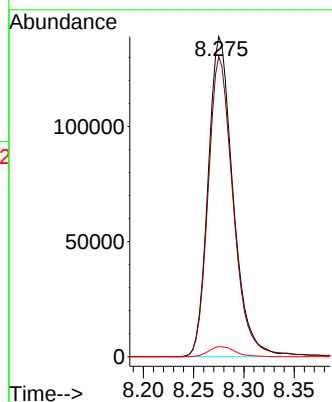
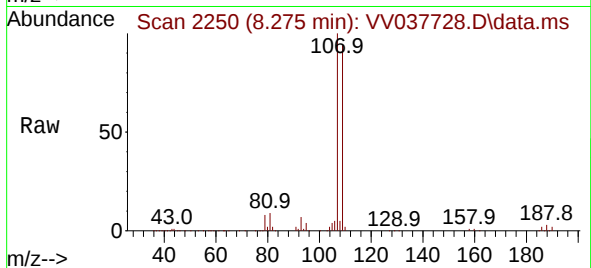




#50
1,2-Dibromoethane
Concen: 52.019 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

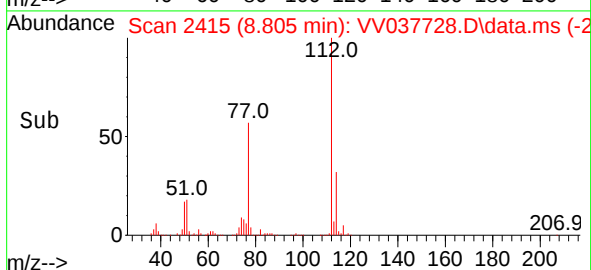
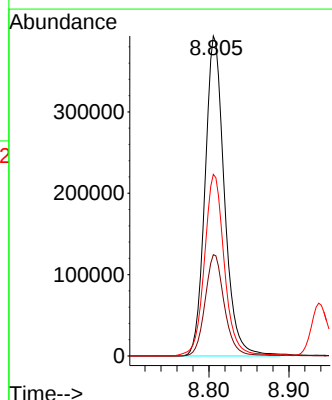
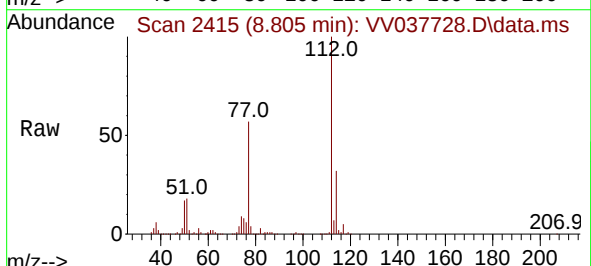
Instrument :
MSVOA_V
ClientSampleId :

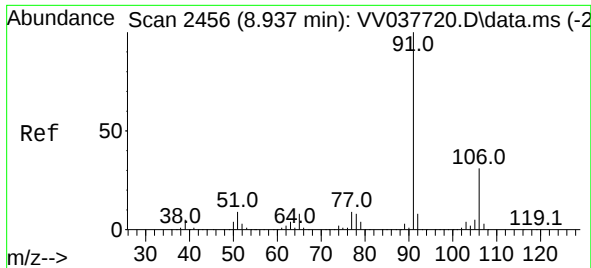
Tgt Ion:107 Resp: 239280
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 52.405 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion:112 Resp: 664272
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 56.8 45.8 68.8

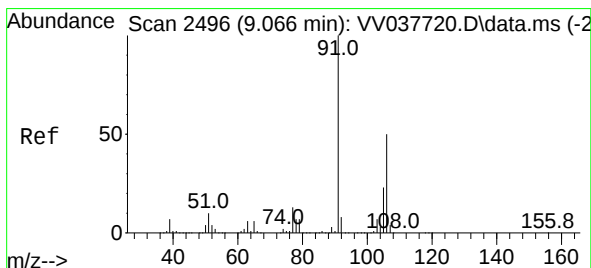
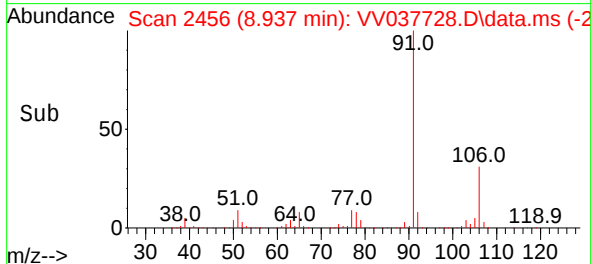
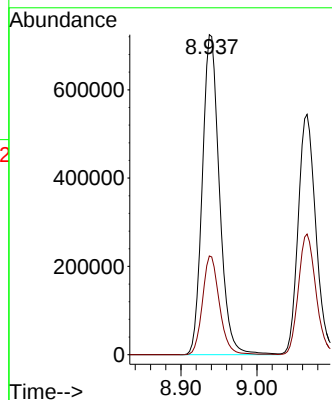
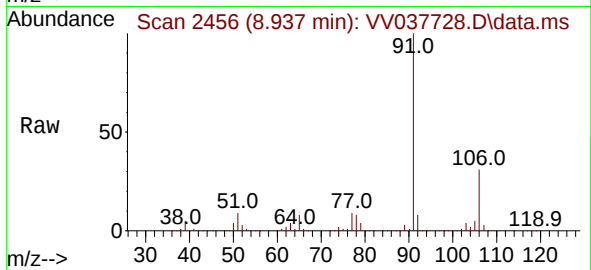




#52
Ethylbenzene
Concen: 54.198 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

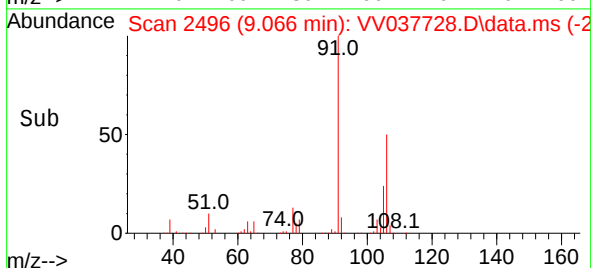
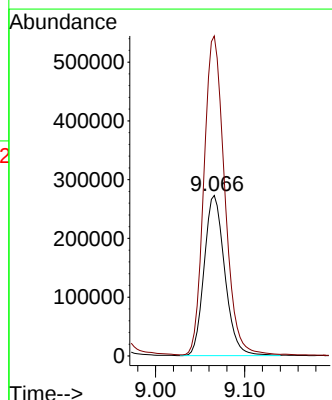
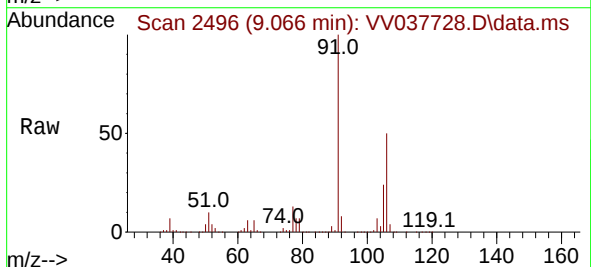
Instrument :
MSVOA_V
ClientSampleId :

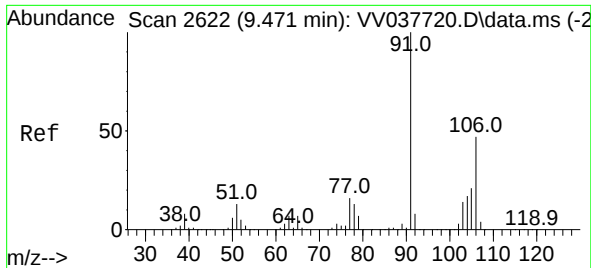
Tgt Ion: 91 Resp: 1135059
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 56.312 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion:106 Resp: 438917
Ion Ratio Lower Upper
106 100
91 199.3 142.0 263.6

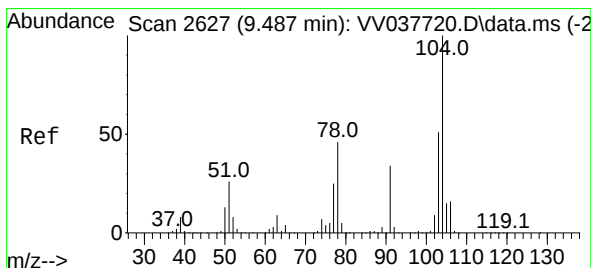
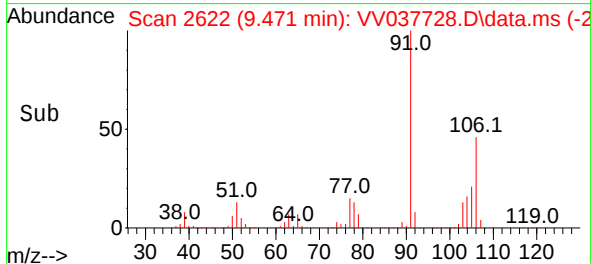
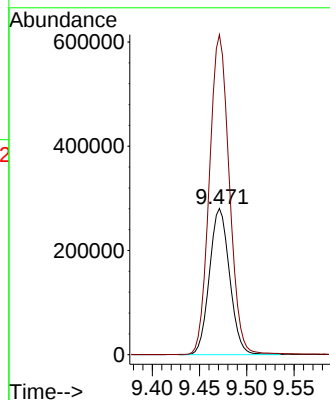
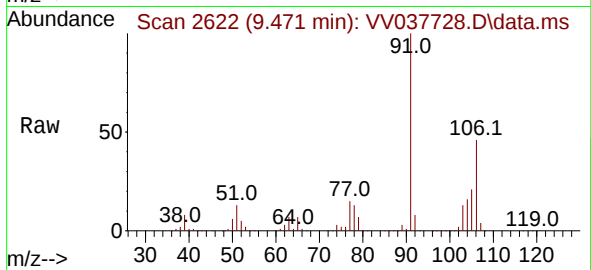




#54
o-Xylene
Concen: 54.565 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

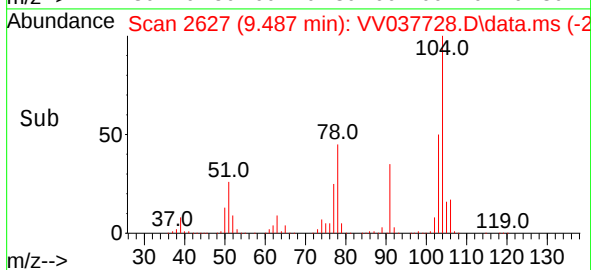
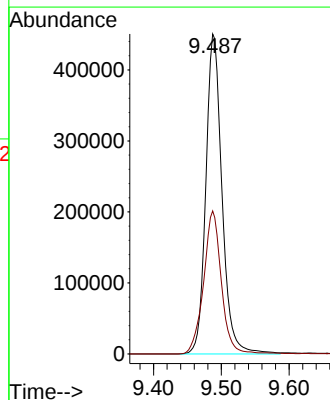
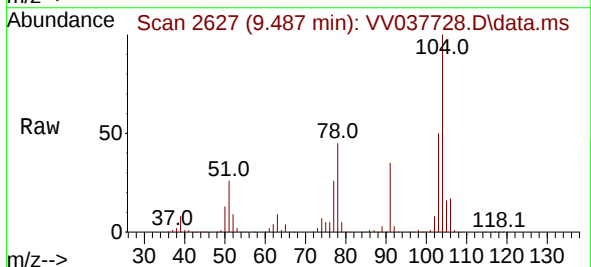
Instrument :
MSVOA_V
ClientSampleId :

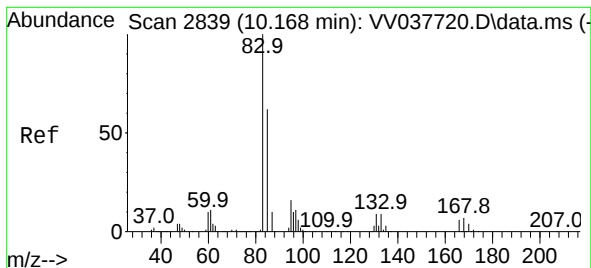
Tgt Ion:106 Resp: 415212
Ion Ratio Lower Upper
106 100
91 218.8 153.9 285.9



#55
Styrene
Concen: 56.425 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion:104 Resp: 747460
Ion Ratio Lower Upper
104 100
78 44.7 30.0 55.6

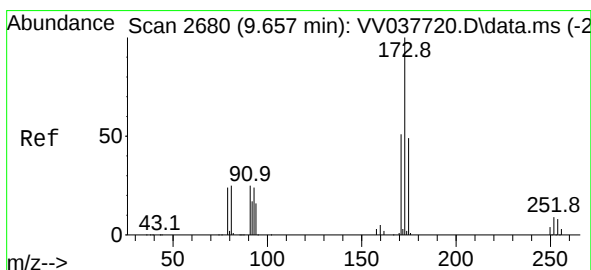
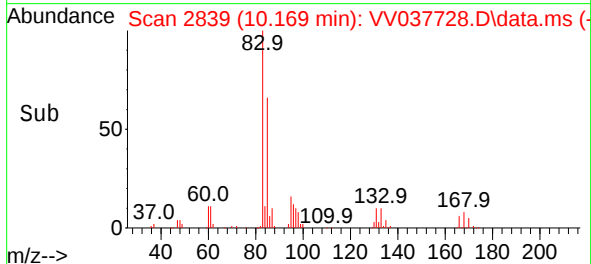
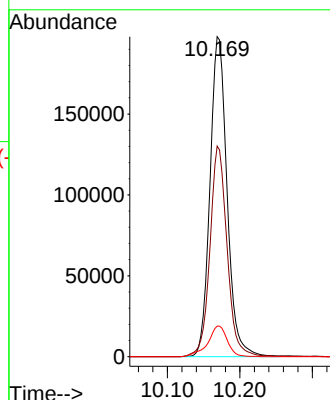
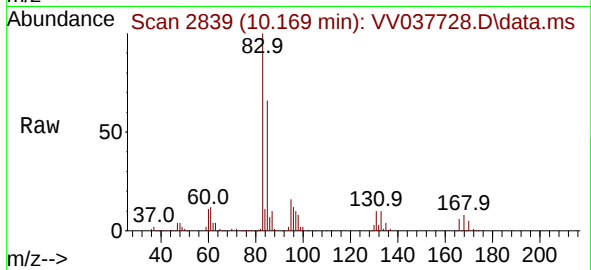




#57
1,1,2,2-Tetrachloroethane
Concen: 52.282 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

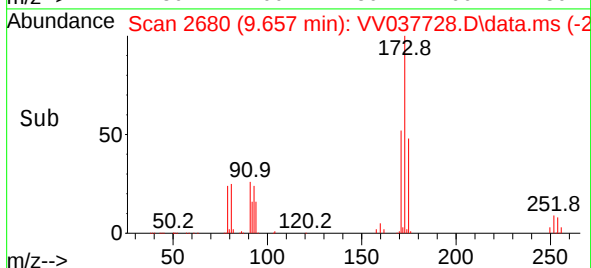
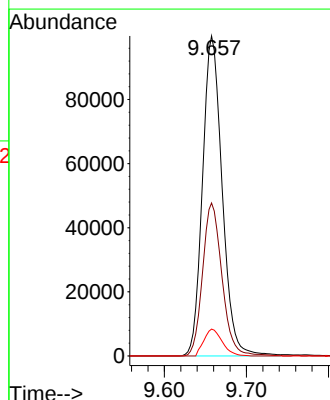
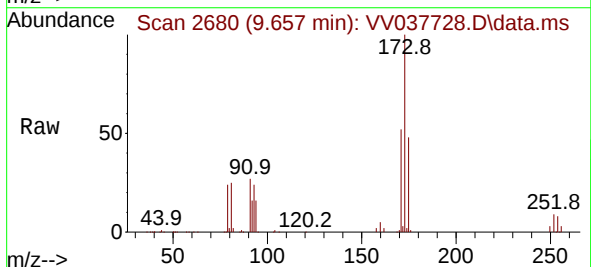
Instrument :
MSVOA_V
ClientSampleId :

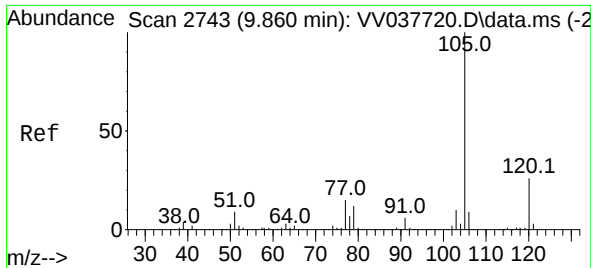
Tgt Ion: 83 Resp: 324367
Ion Ratio Lower Upper
83 100
85 65.8 45.9 85.3
131 9.5 7.9 11.9



#59
Bromoform
Concen: 51.469 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 173 Resp: 166253
Ion Ratio Lower Upper
173 100
175 47.1 40.0 60.0
254 7.8 6.5 9.7

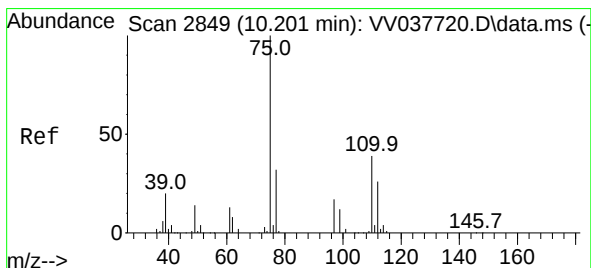
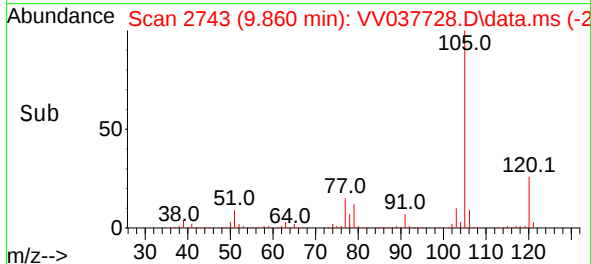
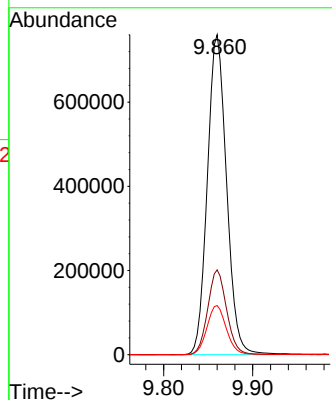
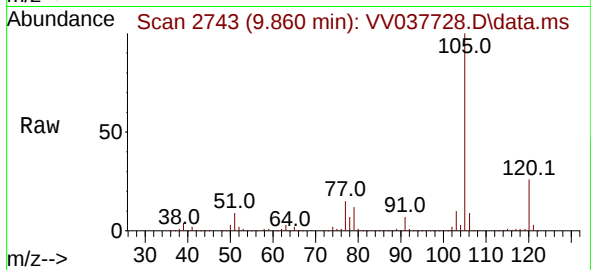




#60
Isopropylbenzene
Concen: 52.918 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

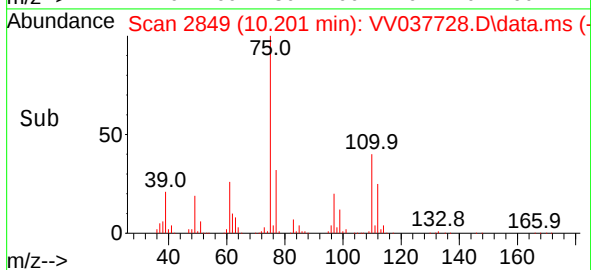
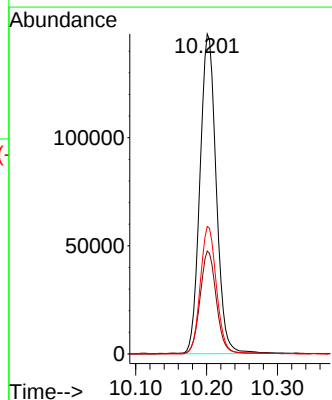
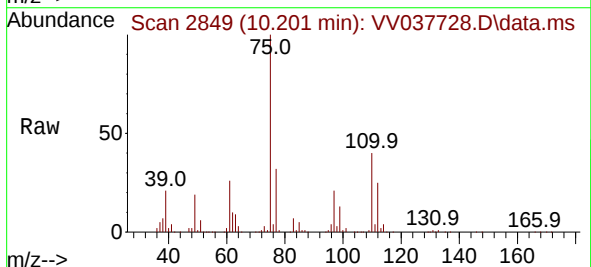
Instrument :
MSVOA_V
ClientSampleId :

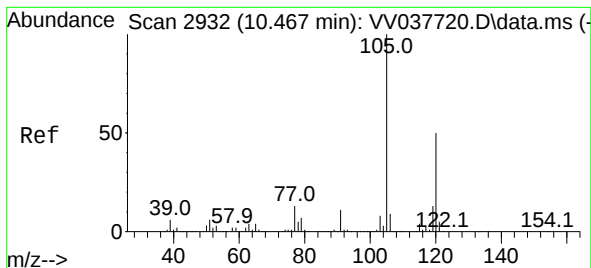
Tgt Ion:105 Resp: 1137032
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 50.082 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037728.D
Acq: 03 Oct 2024 14:45

Tgt Ion: 75 Resp: 235525
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 39.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 53.495 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

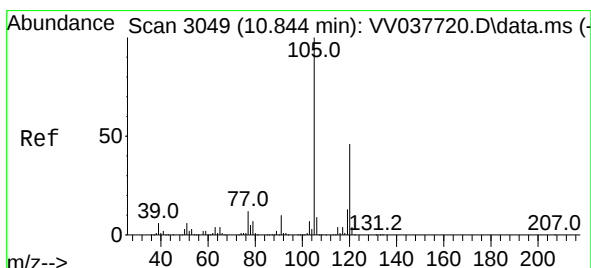
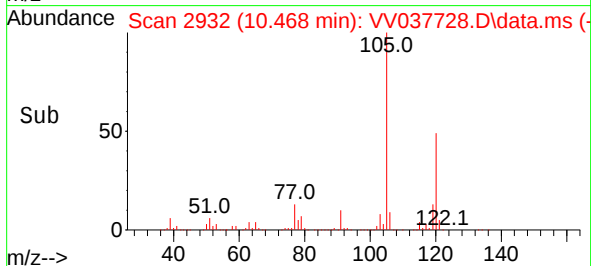
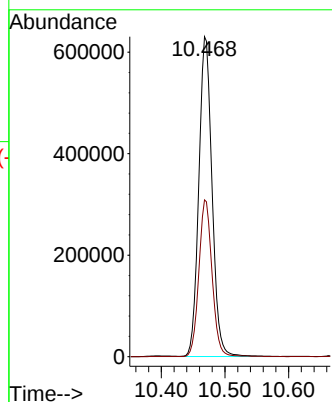
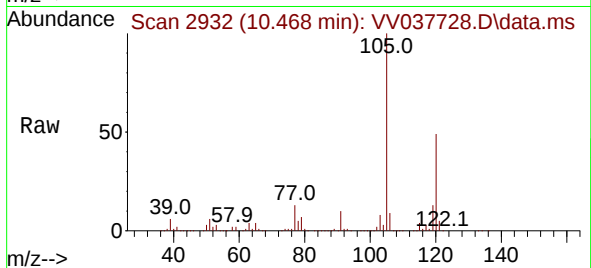
ClientSampleId :

Tgt Ion:105 Resp: 908755

Ion Ratio Lower Upper

105 100

120 48.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 53.220 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037728.D

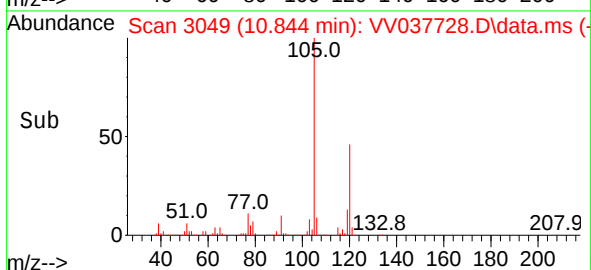
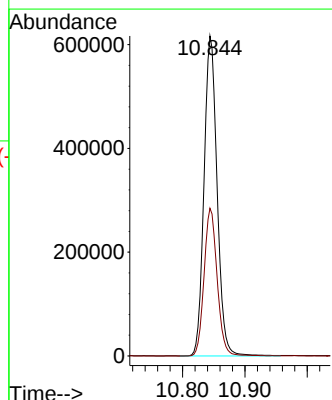
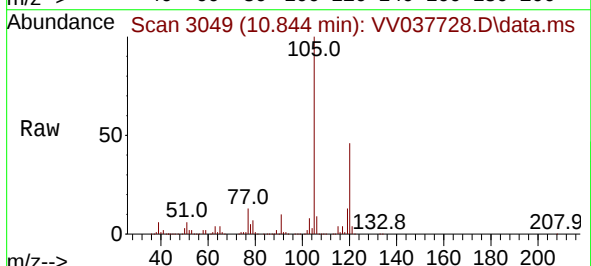
Acq: 03 Oct 2024 14:45

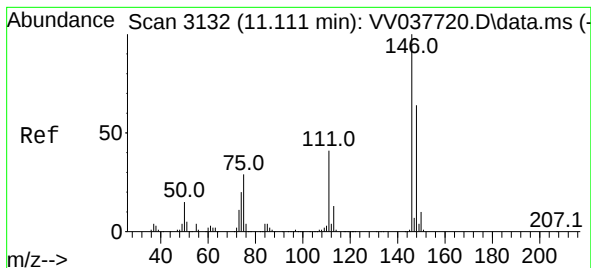
Tgt Ion:105 Resp: 899530

Ion Ratio Lower Upper

105 100

120 46.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 52.104 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

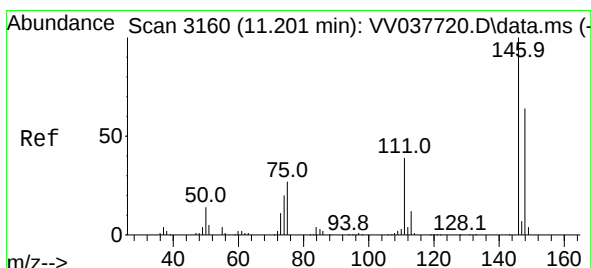
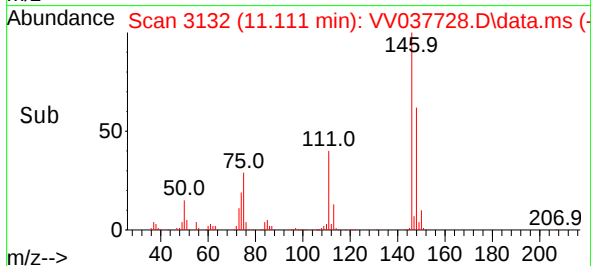
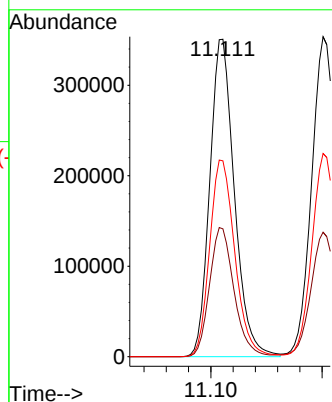
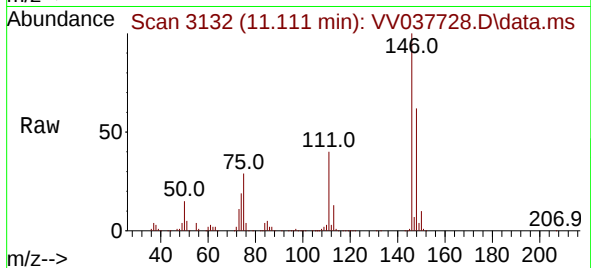
Tgt Ion:146 Resp: 538879

Ion Ratio Lower Upper

146 100

111 40.3 28.3 52.5

148 61.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 52.126 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

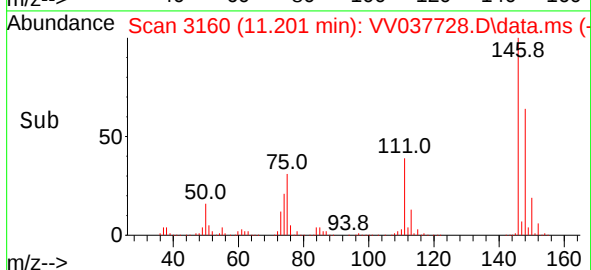
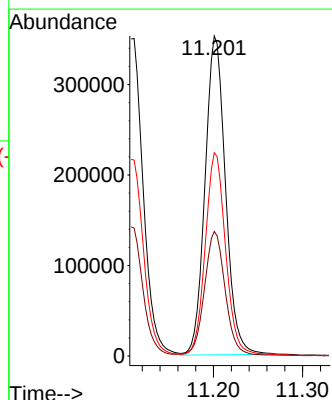
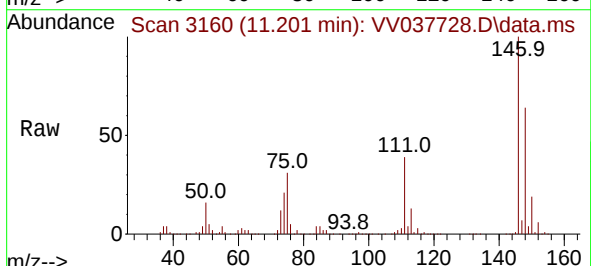
Tgt Ion:146 Resp: 561358

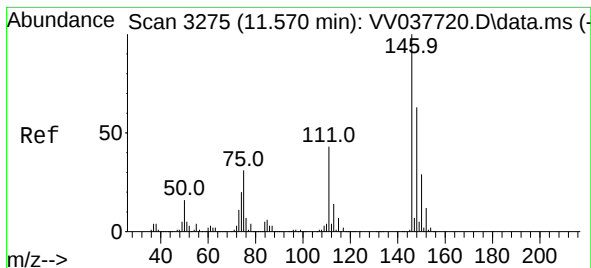
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.734 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

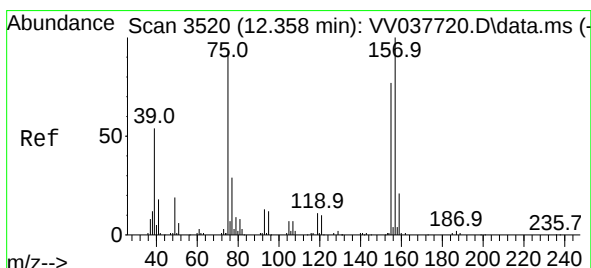
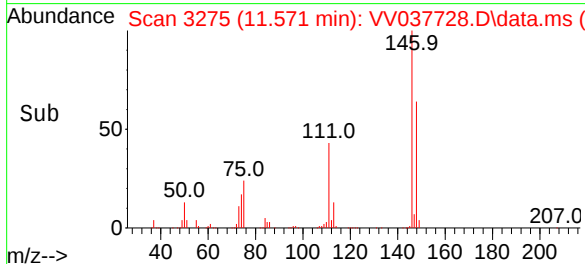
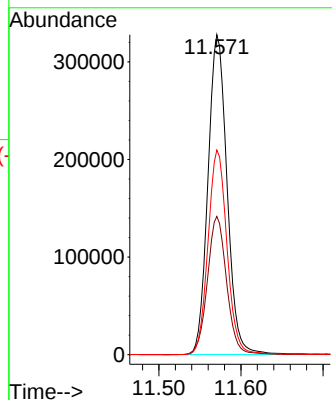
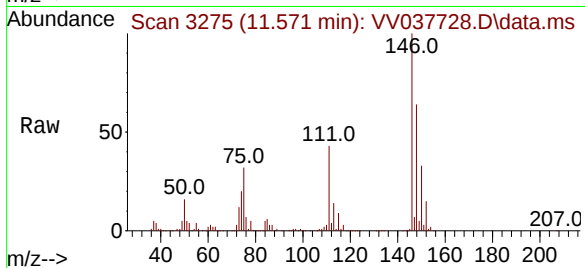
Tgt Ion:146 Resp: 528927

Ion Ratio Lower Upper

146 100

111 43.2 34.2 51.2

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.974 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

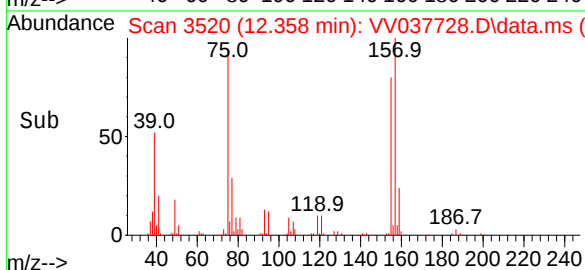
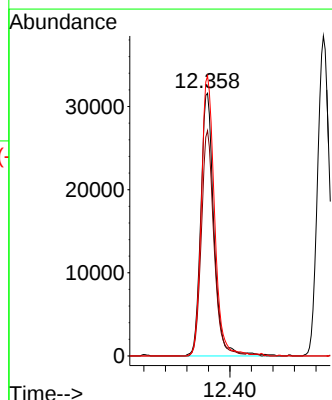
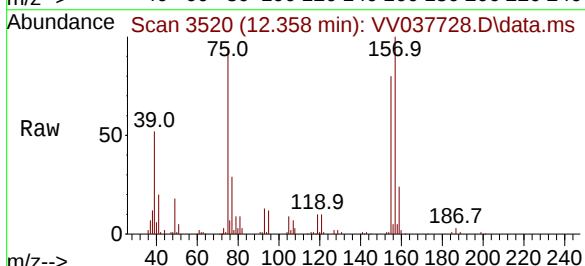
Tgt Ion: 75 Resp: 53625

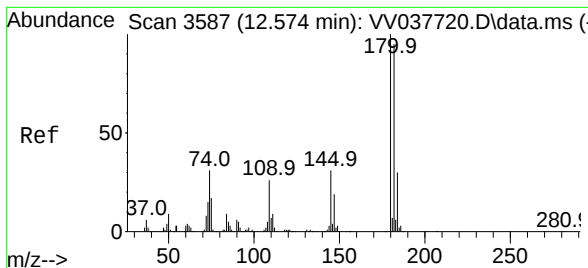
Ion Ratio Lower Upper

75 100

155 85.7 66.2 99.4

157 106.6 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 50.043 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

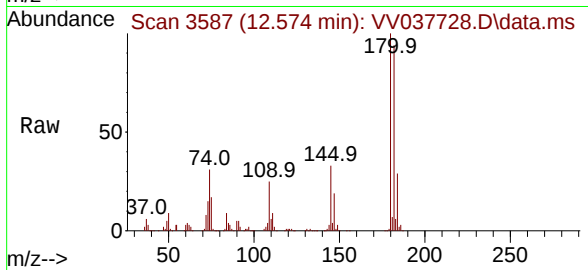
Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 355916

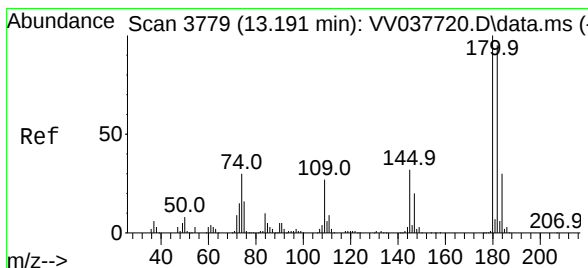
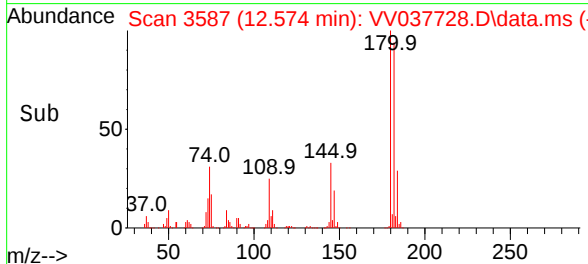
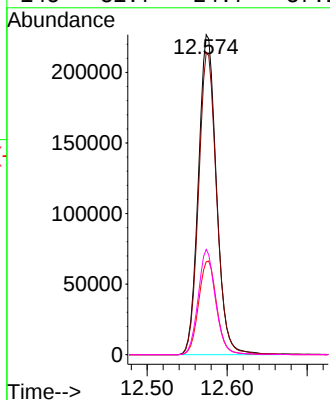
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 29.4 23.8 35.6

145 31.7 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 48.816 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

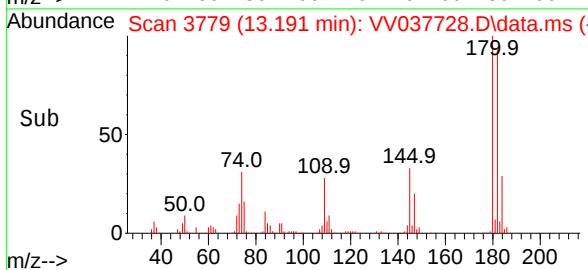
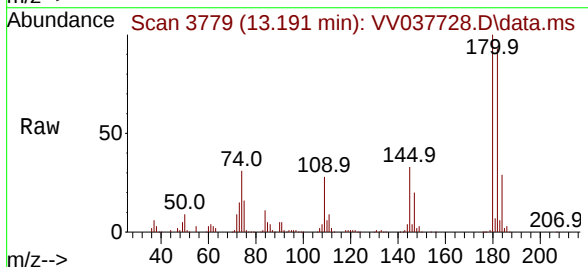
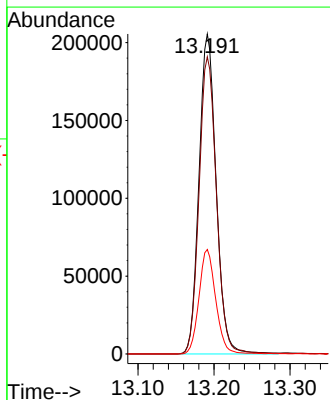
Tgt Ion:180 Resp: 322125

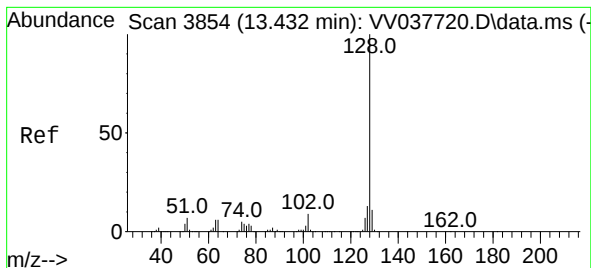
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 45.179 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Instrument :

MSVOA_V

ClientSampleId :

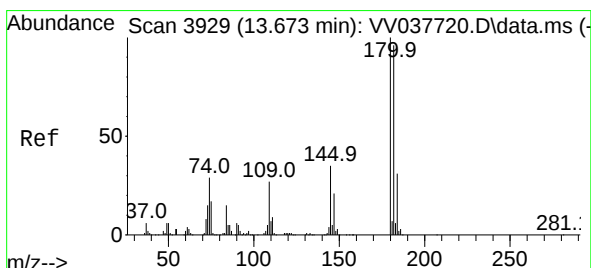
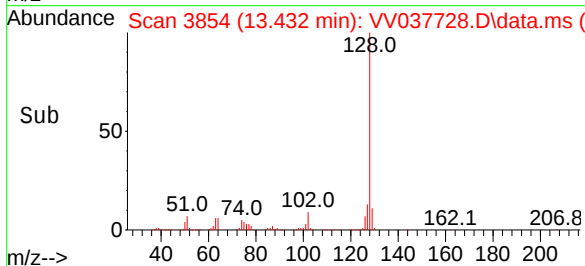
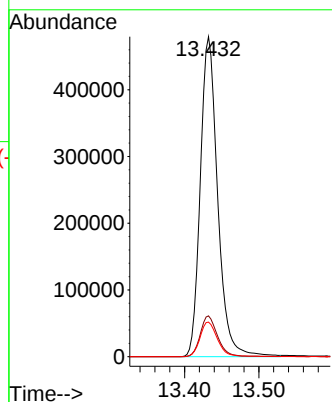
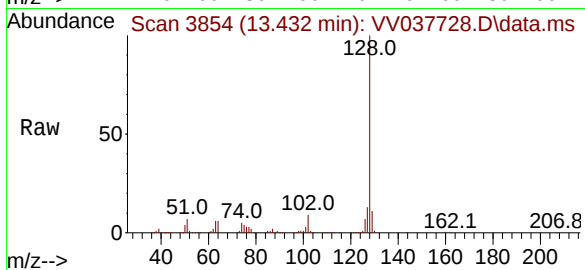
Tgt Ion:128 Resp: 778905

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.393 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037728.D

Acq: 03 Oct 2024 14:45

Tgt Ion:180 Resp: 315348

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

145 34.2 26.2 39.4

