

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037729.D
 Acq On : 11 Oct 2024 14:27
 Operator : SY/MD
 Sample : P4346-08MSME
 Misc : 3.39G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 06:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	726867	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	711945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	402525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192174	30.118	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.240%
7) Chloroethane-d5	1.503	69	74563	15.055	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.100%#
11) 1,1-Dichloroethene-d2	2.040	65	89240	33.476	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.960%
21) 2-Butanone-d5	3.805	46	116003	51.042	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.040%
24) Chloroform-d	4.239	84	434442	38.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.540%
26) 1,2-Dichloroethane-d4	4.934	65	255411	38.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.880%
32) Benzene-d6	4.947	84	833554	37.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.840%
36) 1,2-Dichloropropane-d6	5.982	67	300274	42.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.660%
41) Toluene-d8	7.233	98	775083	38.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.740%#
43) trans-1,3-Dichloroprop...	7.548	79	126622	38.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.840%
47) 2-Hexanone-d5	8.030	63	141965	94.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.770%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339294	41.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.320%
66) 1,2-Dichlorobenzene-d4	11.554	152	326435	38.486	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	239727	38.741	ug/L	99
3) Chloromethane	1.217	50	248291	41.331	ug/L	99
5) Vinyl chloride	1.281	62	248624	38.604	ug/L	99
6) Bromomethane	1.465	94	76028	21.272	ug/L	97
8) Chloroethane	1.516	64	65973	16.620	ug/L	98
9) Trichlorofluoromethane	1.683	101	361527	41.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	219230	42.319	ug/L	99
12) 1,1-Dichloroethene	2.053	96	193242	39.933	ug/L	82
13) Acetone	2.121	43	116923	52.480	ug/L	96
14) Carbon disulfide	2.224	76	523376	34.649	ug/L	100
15) Methyl Acetate	2.375	43	164254	42.246	ug/L	98
16) Methylene chloride	2.436	84	221661	40.455	ug/L	98
17) trans-1,2-Dichloroethene	2.677	96	201691	39.398	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	657288	44.752	ug/L	100
19) 1,1-Dichloroethane	3.095	63	404985	41.289	ug/L	99
20) cis-1,2-Dichloroethene	3.799	96	235439	41.097	ug/L	97
22) 2-Butanone	3.889	43	125096	50.729	ug/L	98
23) Bromochloromethane	4.133	128	125237	42.261	ug/L	99
25) Chloroform	4.265	83	435454	42.880	ug/L	100

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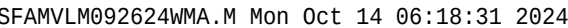
Instrument :
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 ClientSampleId :

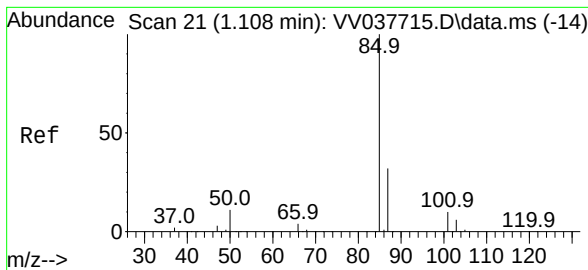
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	312870	43.641	ug/L	100
29) Cyclohexane	4.561	56	322546	39.902	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	366691	41.819	ug/L	99
31) Carbon tetrachloride	4.719	117	312415	40.981	ug/L	99
33) Benzene	4.998	78	907179	42.250	ug/L	100
34) Trichloroethene	5.821	95	240333	42.030	ug/L	99
35) Methylcyclohexane	6.037	83	365190	41.515	ug/L	99
37) 1,2-Dichloropropane	6.085	63	232212	41.881	ug/L	98
38) Bromodichloromethane	6.426	83	316816	42.744	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	378317	42.745	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	443504	98.242	ug/L	99
42) Toluene	7.307	91	962185	43.226	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	347066	43.556	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	236668	44.454	ug/L	99
46) Tetrachloroethene	7.899	164	179010	40.946	ug/L	97
48) 2-Hexanone	8.079	43	309931	88.291	ug/L	99
49) Dibromochloromethane	8.172	129	245491	43.568	ug/L	100
50) 1,2-Dibromoethane	8.278	107	236737	43.017	ug/L	99
51) Chlorobenzene	8.808	112	649252	42.812	ug/L	99
52) Ethylbenzene	8.940	91	1066028	42.545	ug/L	100
53) m,p-Xylene	9.066	106	407001	43.646	ug/L	99
54) o-Xylene	9.471	106	395547	43.447	ug/L	97
55) Styrene	9.490	104	728750	45.982	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	339607	45.753	ug/L	99
59) Bromoform	9.661	173	167261	42.515	ug/L	99
60) Isopropylbenzene	9.860	105	1084862	41.455	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	253403	44.241	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	875790	42.329	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	882063	42.848	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	536415	42.585	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	553539	42.202	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	536289	43.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60217	43.310	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	371103	42.841	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	346395	43.101	ug/L	100
71) Naphthalene	13.432	128	905086	43.104	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	337391	42.511	ug/L	99

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

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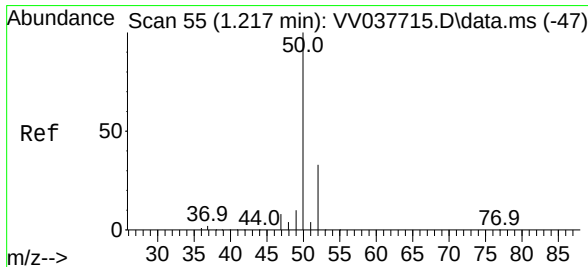
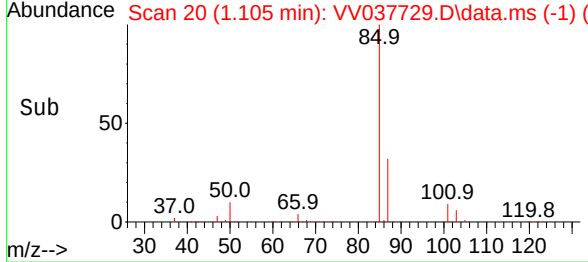
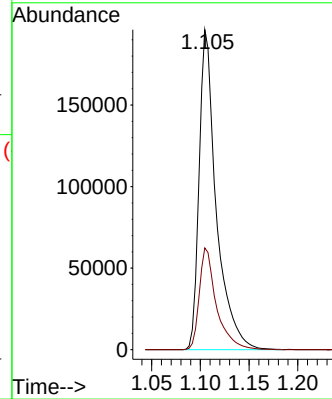
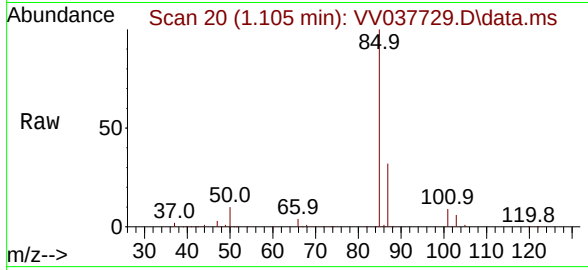




#2
 Dichlorodifluoromethane
 Concen: 38.741 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

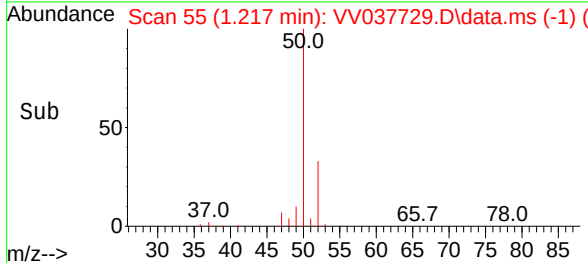
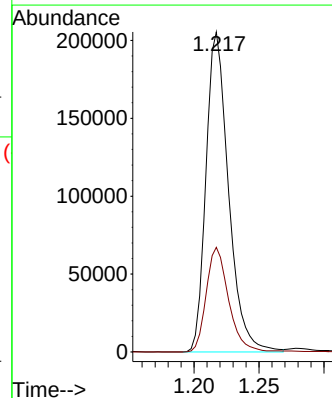
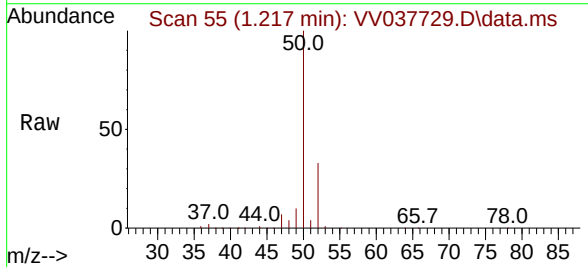
Instrument :
 MSVOA_V
 ClientSampleId :

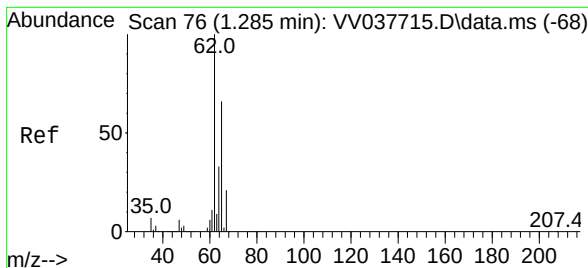
Tgt Ion: 85 Resp: 239727
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 41.331 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

Tgt Ion: 50 Resp: 248291
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

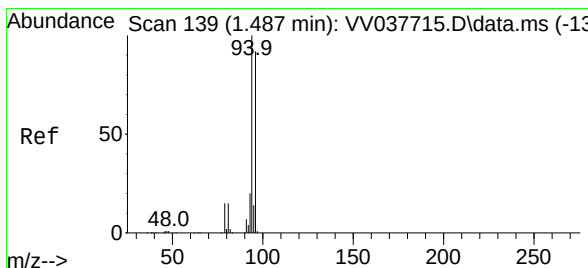
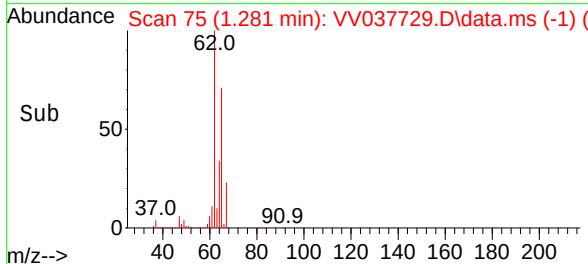
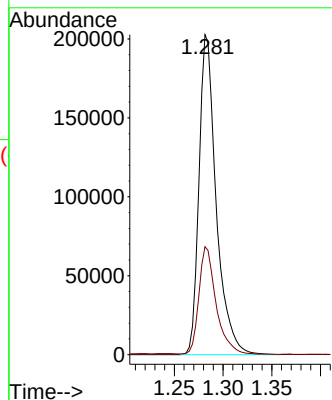
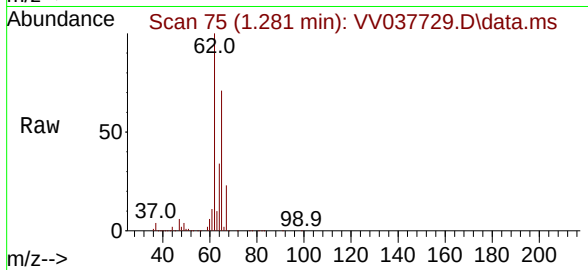




#5
 Vinyl chloride
 Concen: 38.604 ug/L
 RT: 1.281 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

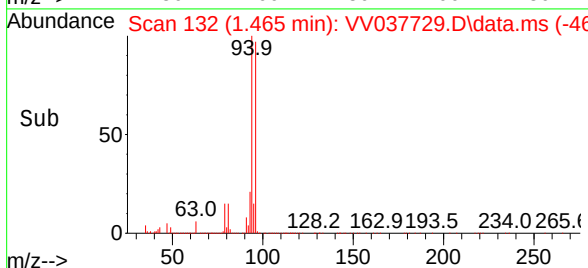
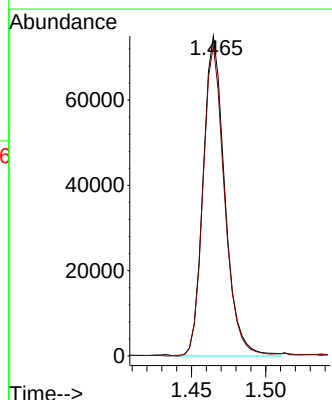
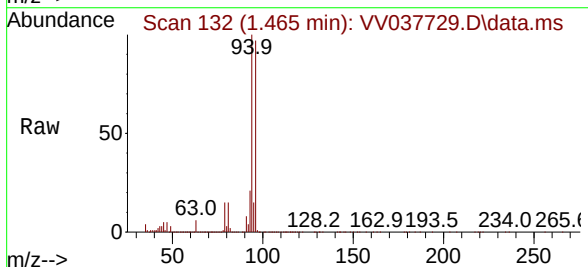
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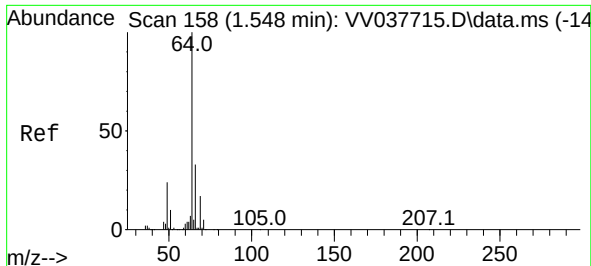
Tgt Ion: 62 Resp: 248624
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 21.272 ug/L
 RT: 1.465 min Scan# 132
 Delta R.T. -0.023 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

Tgt Ion: 94 Resp: 76028
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.8 122.2

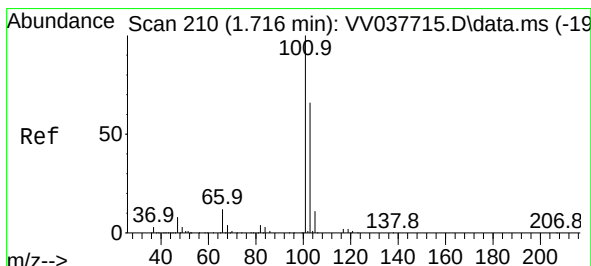
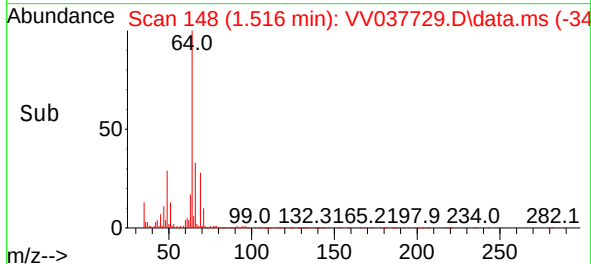
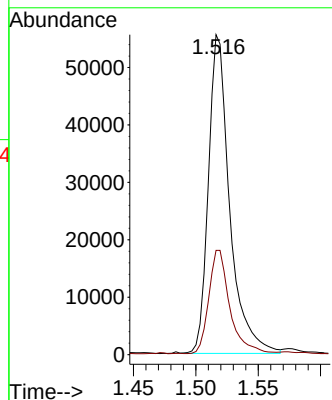
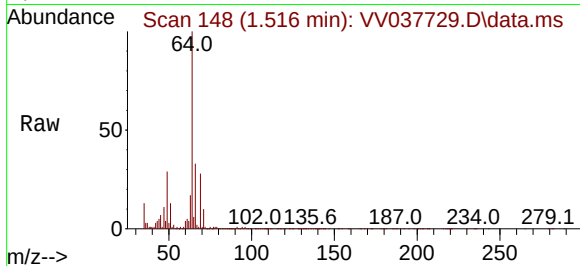




#8
Chloroethane
Concen: 16.620 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.032 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

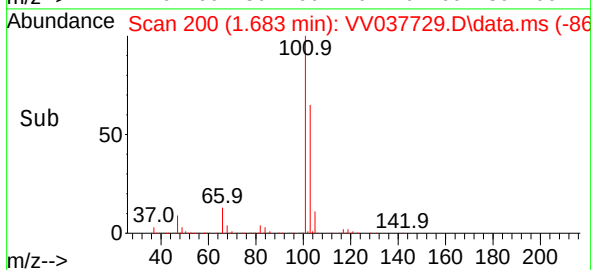
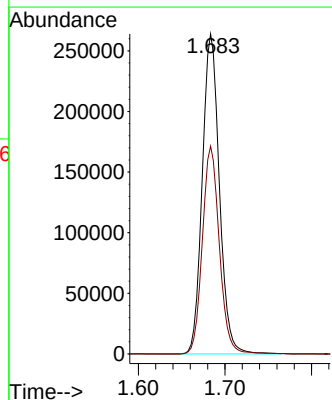
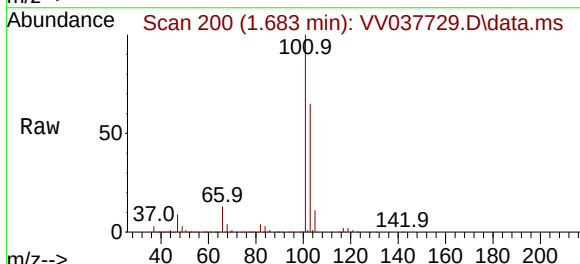
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ClientSampleId :

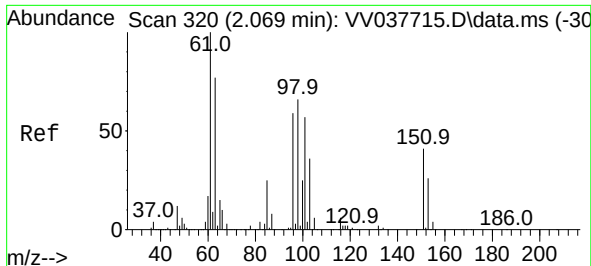
Tgt Ion: 64 Resp: 65973
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 41.702 ug/L
RT: 1.683 min Scan# 200
Delta R.T. -0.032 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion:101 Resp: 361527
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

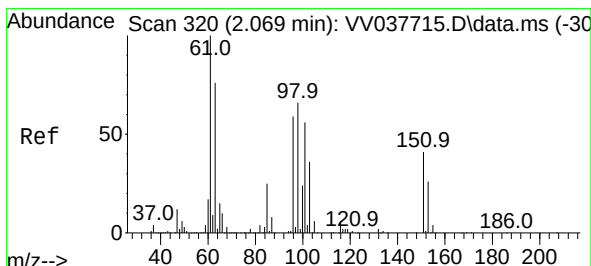
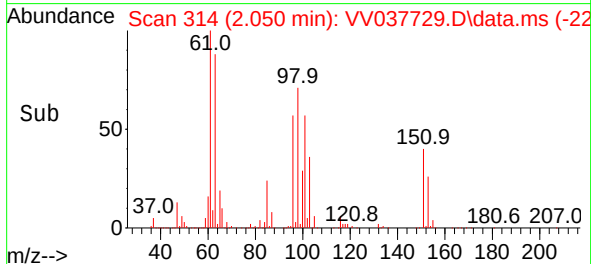
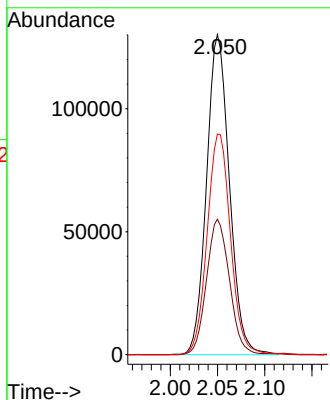
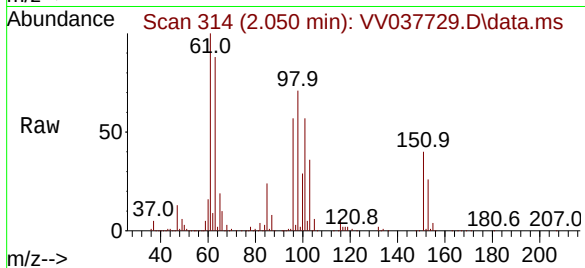




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.319 ug/L
 RT: 2.050 min Scan# 314
 Delta R.T. -0.019 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

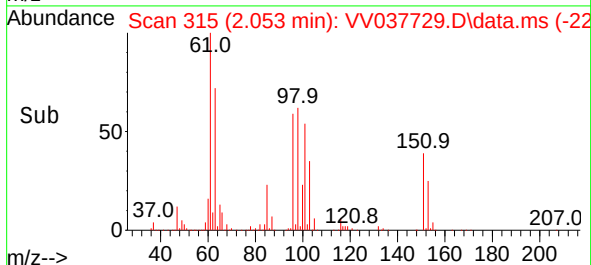
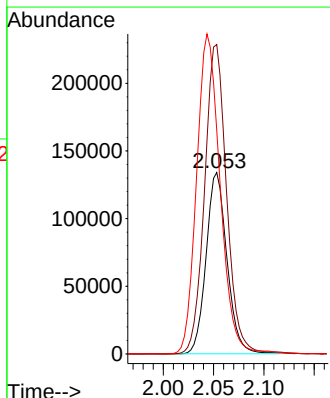
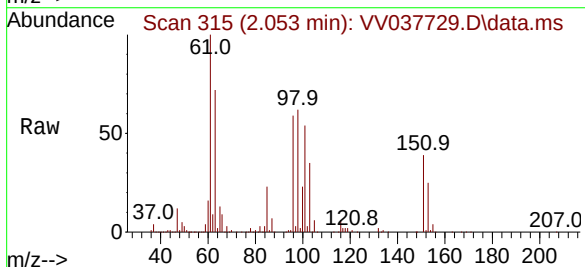
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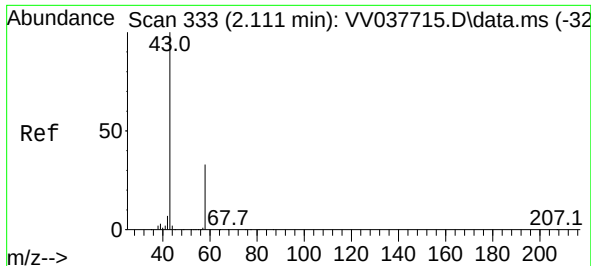
Tgt Ion:101 Resp: 219230
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.6 52.0
 151 70.6 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 39.933 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.016 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

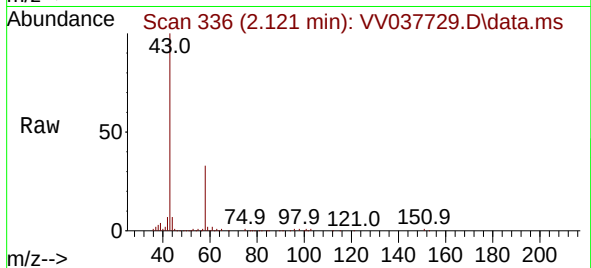
Tgt Ion: 96 Resp: 193242
 Ion Ratio Lower Upper
 96 100
 61 170.5 122.6 227.6
 63 123.1 118.0 219.2



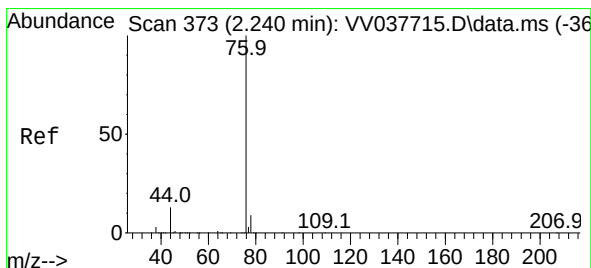
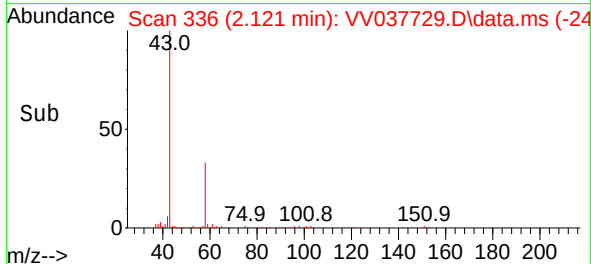
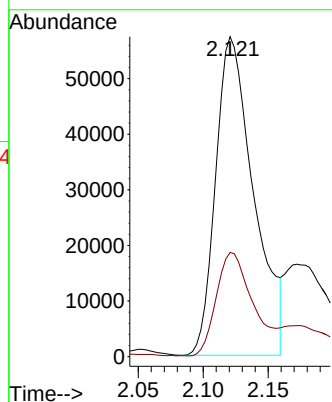


#13
Acetone
Concen: 52.480 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :

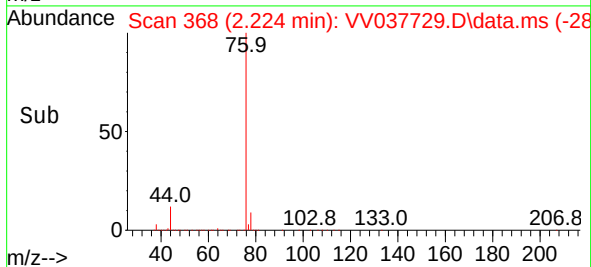
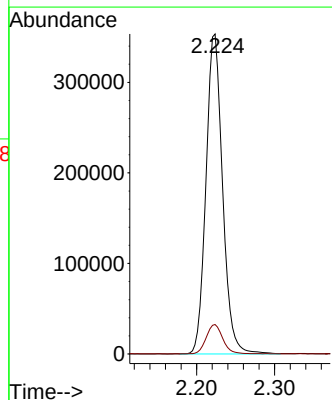
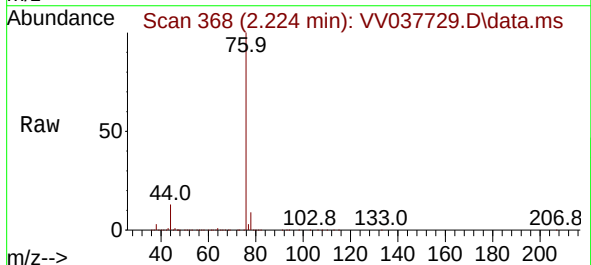


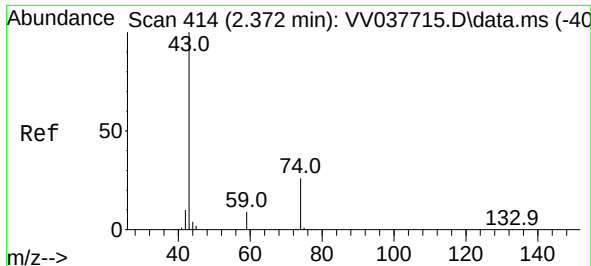
Tgt Ion: 43 Resp: 116923
Ion Ratio Lower Upper
43 100
58 31.3 0.0 66.6



#14
Carbon disulfide
Concen: 34.649 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.016 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 76 Resp: 523376
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

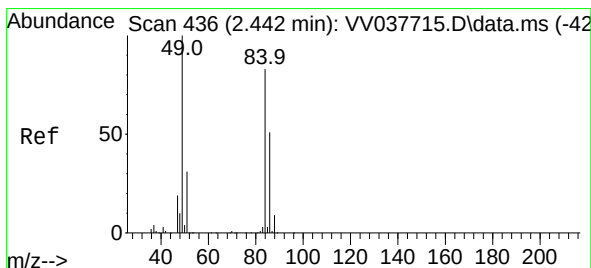
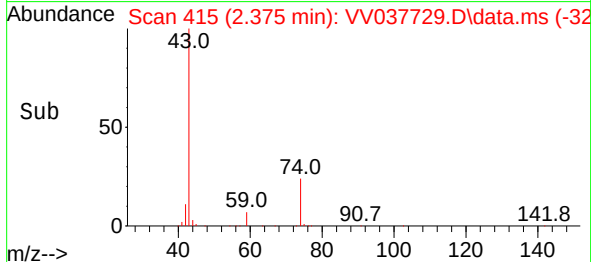
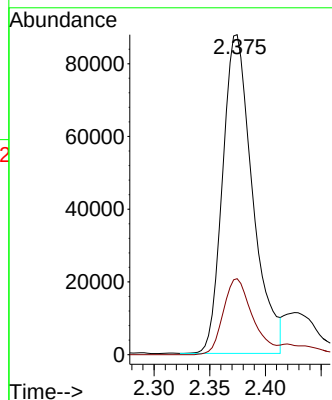
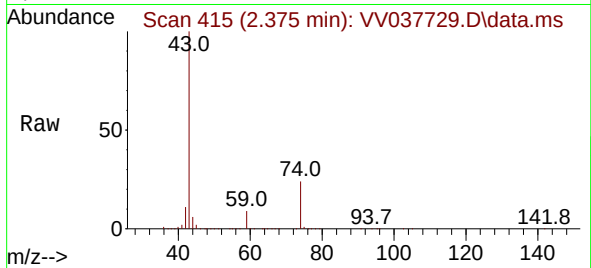




#15
Methyl Acetate
Concen: 42.246 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

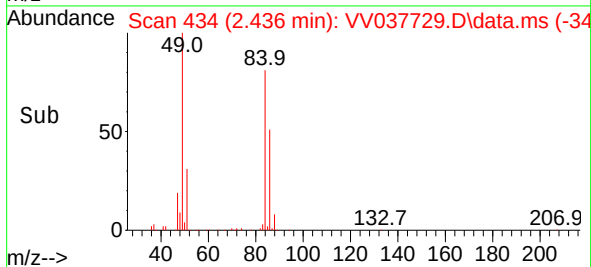
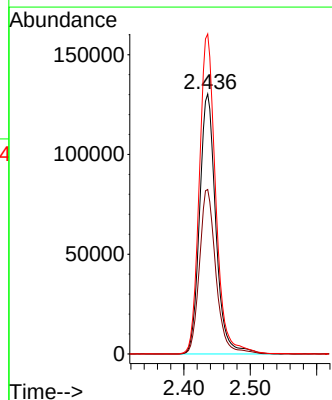
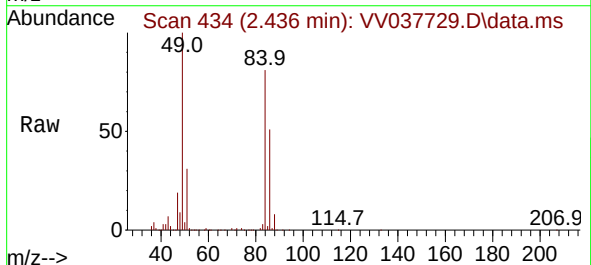
Instrument :
MSVOA_V
ClientSampleId :

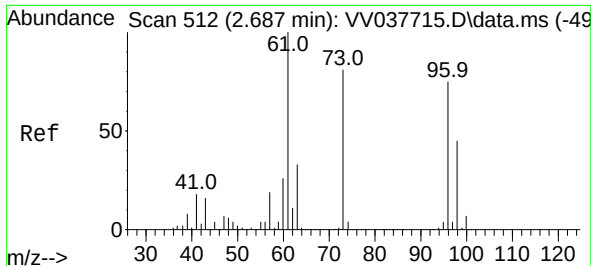
Tgt Ion: 43 Resp: 164254
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.0



#16
Methylene chloride
Concen: 40.455 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.007 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 84 Resp: 221661
Ion Ratio Lower Upper
84 100
86 63.3 46.4 86.2
49 123.1 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 39.398 ug/L

RT: 2.677 min Scan# 512

Delta R.T. -0.010 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

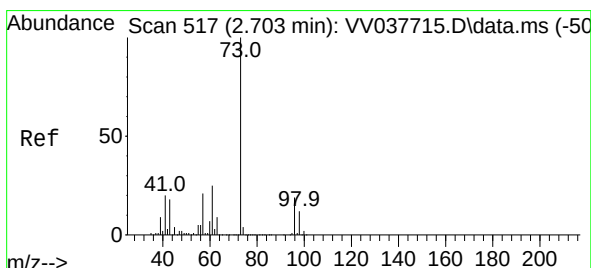
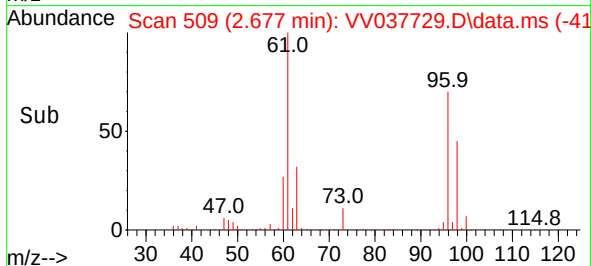
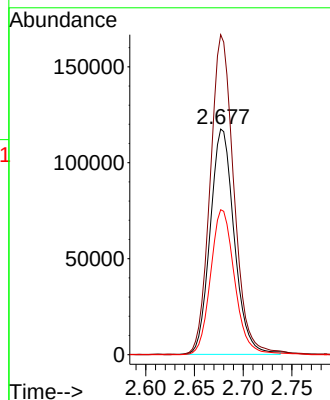
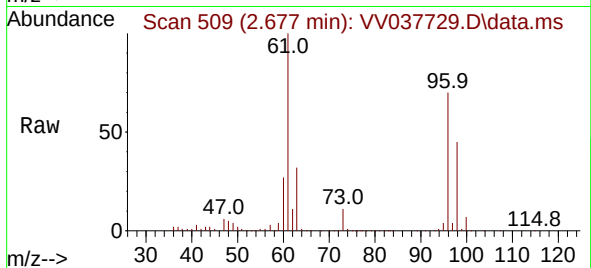
Tgt Ion: 96 Resp: 201691

Ion Ratio Lower Upper

96 100

61 141.8 97.3 180.7

98 64.3 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 44.752 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

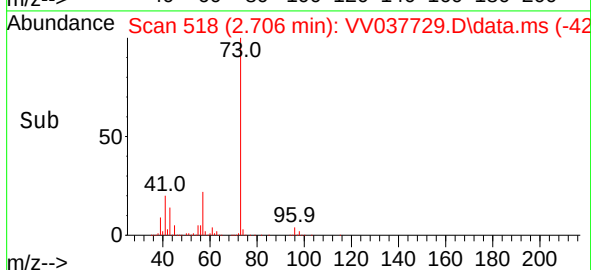
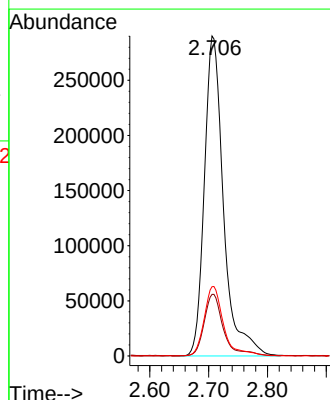
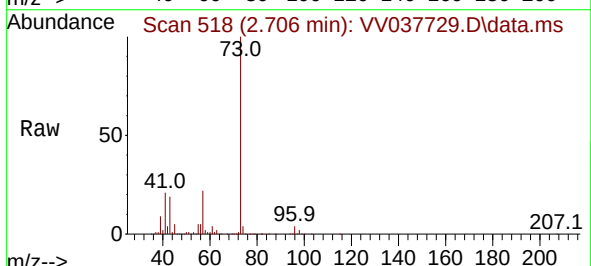
Tgt Ion: 73 Resp: 657288

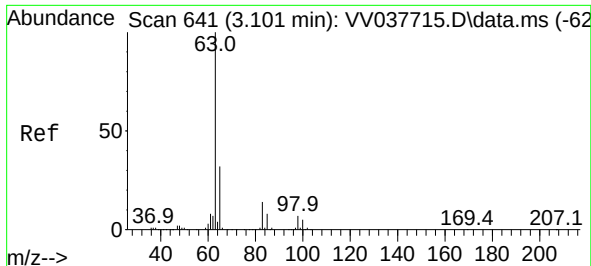
Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 41.289 ug/L

RT: 3.095 min Scan# 641

Delta R.T. -0.007 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

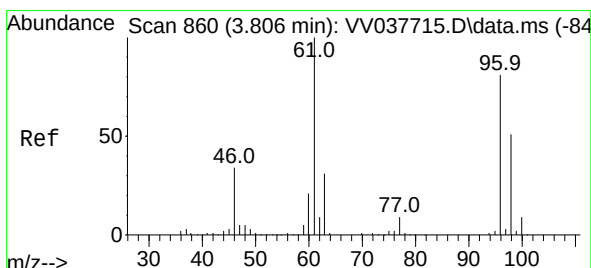
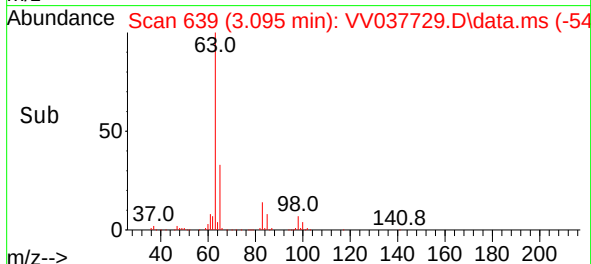
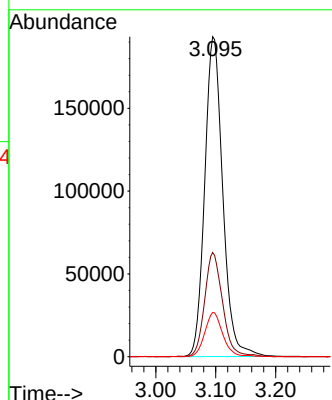
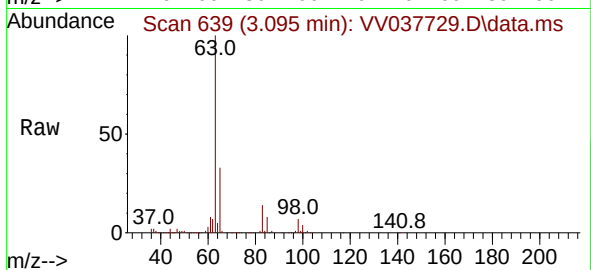
Tgt Ion: 63 Resp: 404985

Ion Ratio Lower Upper

63 100

65 32.6 22.4 41.6

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 41.097 ug/L

RT: 3.799 min Scan# 858

Delta R.T. -0.007 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

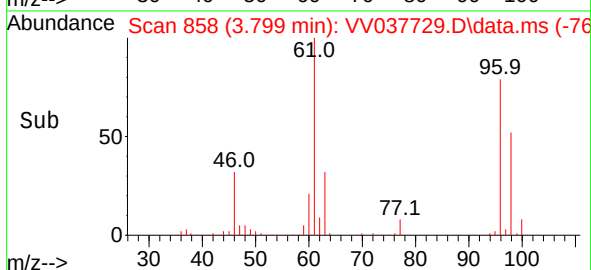
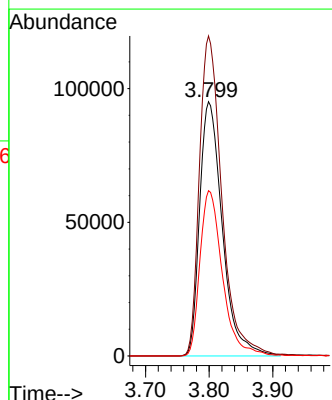
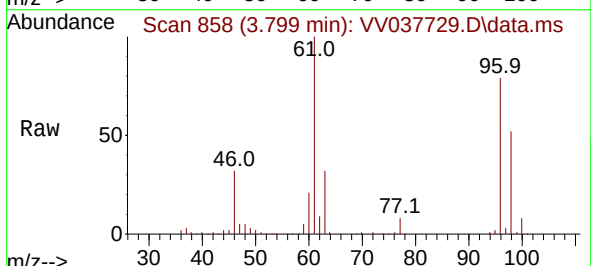
Tgt Ion: 96 Resp: 235439

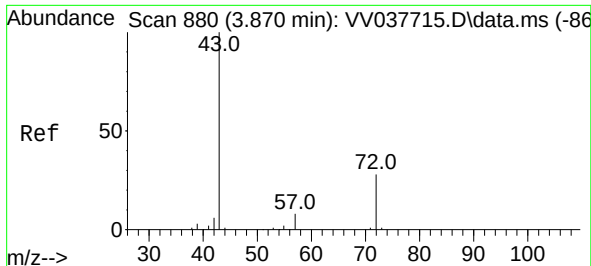
Ion Ratio Lower Upper

96 100

61 125.8 85.0 157.8

98 65.0 44.2 82.0





#22

2-Butanone

Concen: 50.729 ug/L

RT: 3.889 min Scan# 880

Delta R.T. 0.019 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

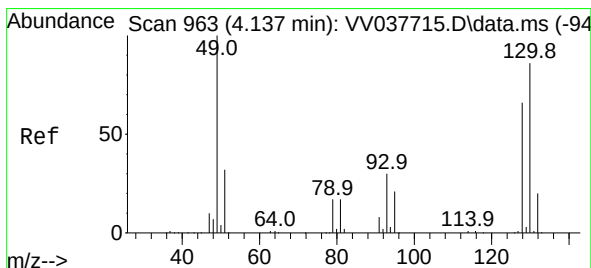
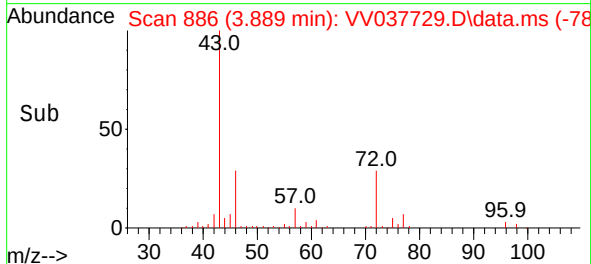
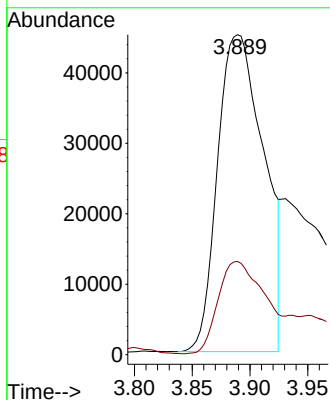
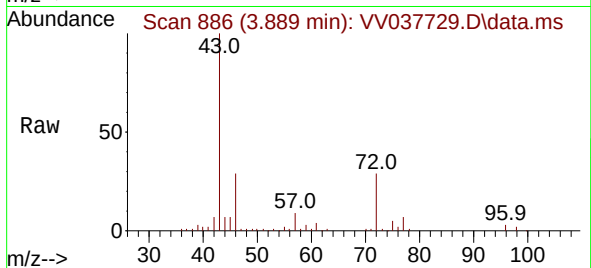
ClientSampleId :

Tgt Ion: 43 Resp: 125096

Ion Ratio Lower Upper

43 100

72 29.4 14.3 42.9



#23

Bromochloromethane

Concen: 42.261 ug/L

RT: 4.133 min Scan# 962

Delta R.T. -0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Tgt Ion:128 Resp: 125237

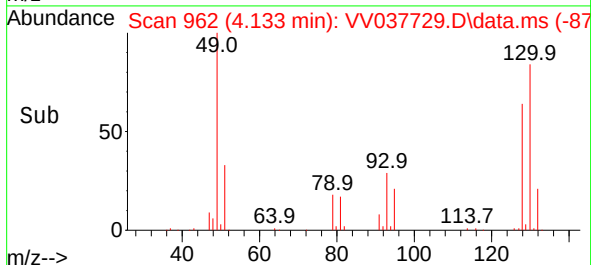
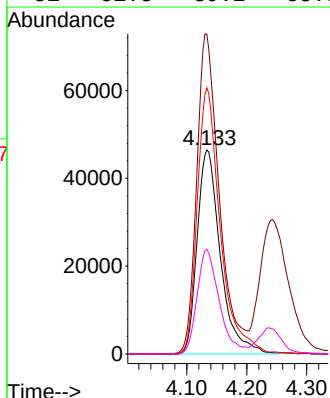
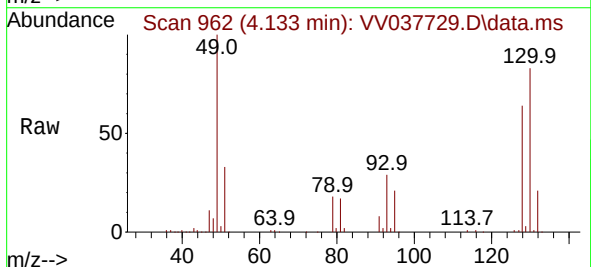
Ion Ratio Lower Upper

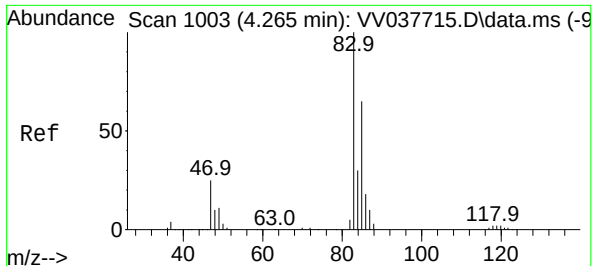
128 100

49 156.8 108.7 201.9

130 130.4 90.4 168.0

51 51.3 39.2 58.8





#25

Chloroform

Concen: 42.880 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

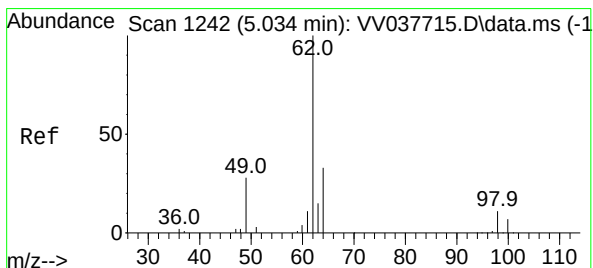
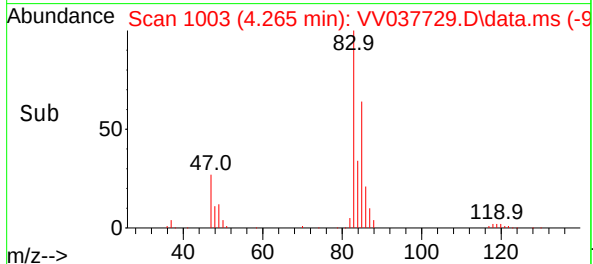
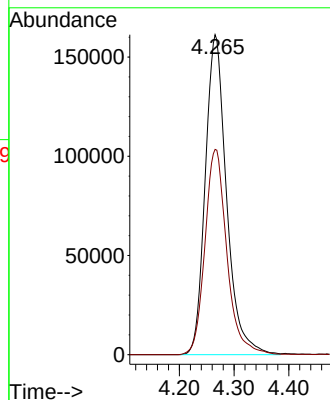
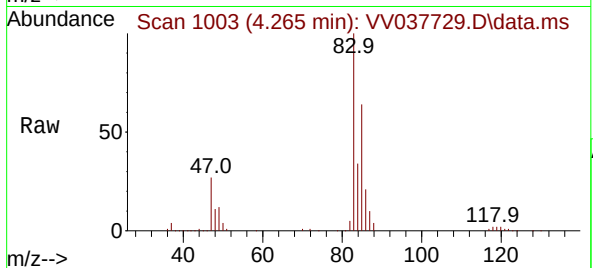
ClientSampleId :

Tgt Ion: 83 Resp: 435454

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 43.641 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV037729.D

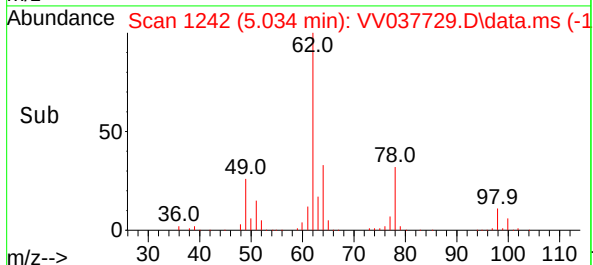
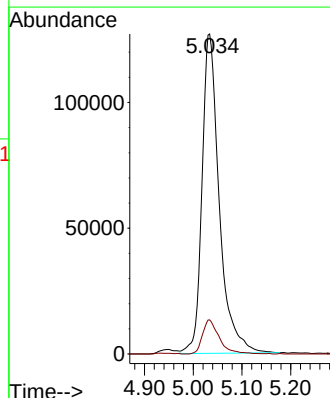
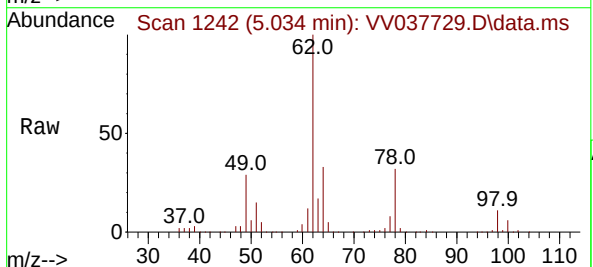
Acq: 11 Oct 2024 14:27

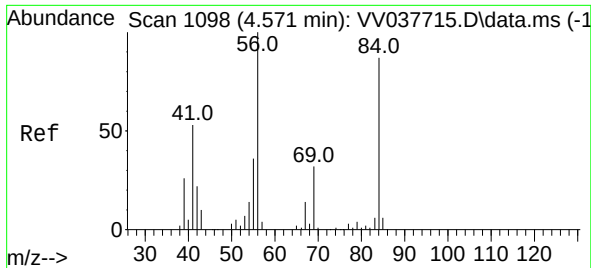
Tgt Ion: 62 Resp: 312870

Ion Ratio Lower Upper

62 100

98 10.6 8.4 12.6





#29

Cyclohexane

Concen: 39.902 ug/L

RT: 4.561 min Scan# 1095

Delta R.T. -0.010 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

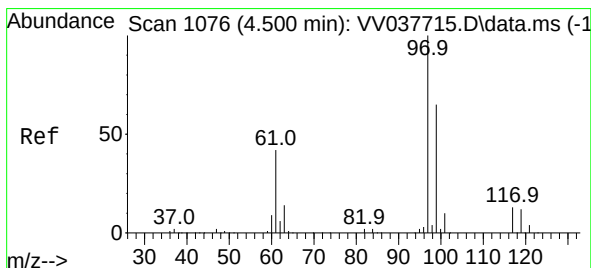
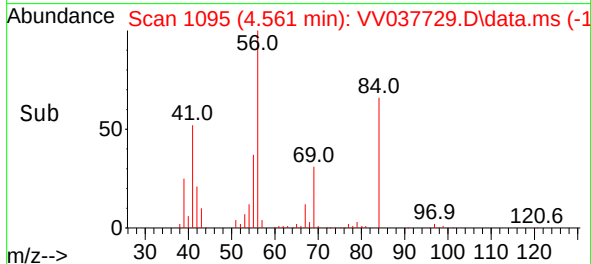
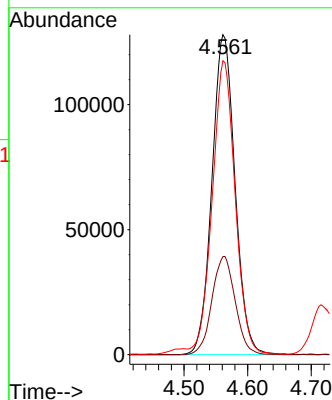
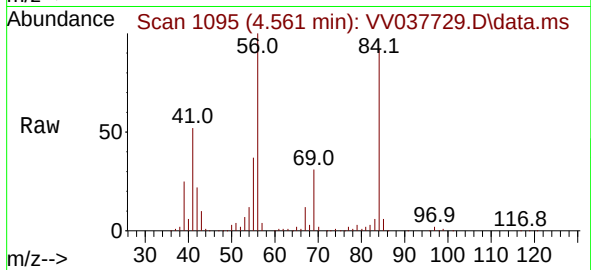
Tgt Ion: 56 Resp: 322546

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 90.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 41.819 ug/L

RT: 4.497 min Scan# 1075

Delta R.T. -0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

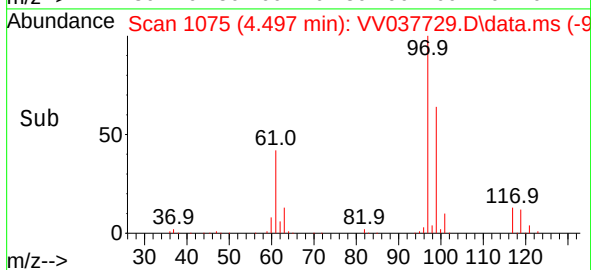
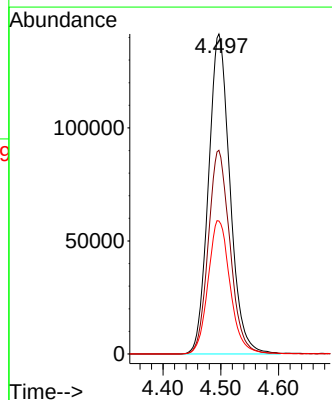
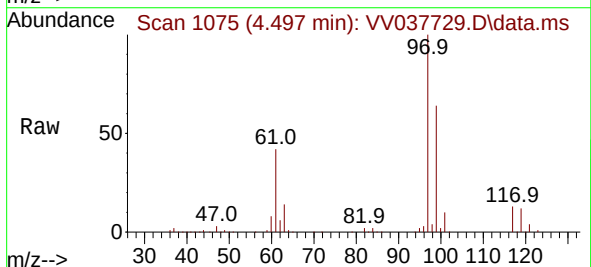
Tgt Ion: 97 Resp: 366691

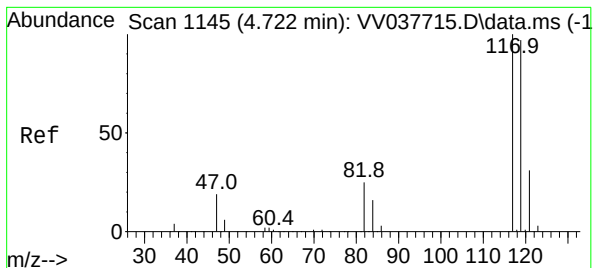
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 42.7 33.6 50.4





#31

Carbon tetrachloride

Concen: 40.981 ug/L

RT: 4.719 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

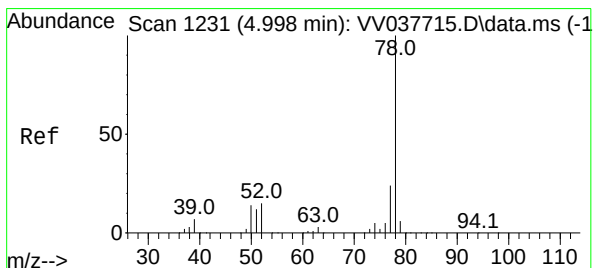
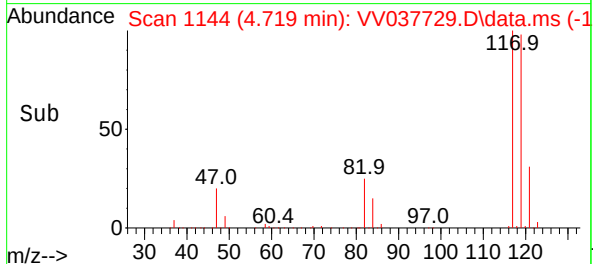
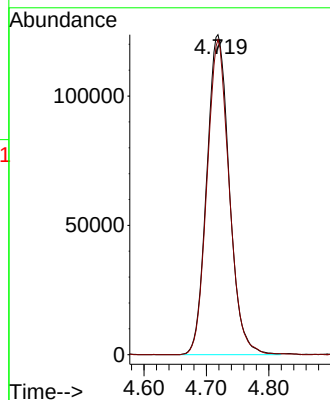
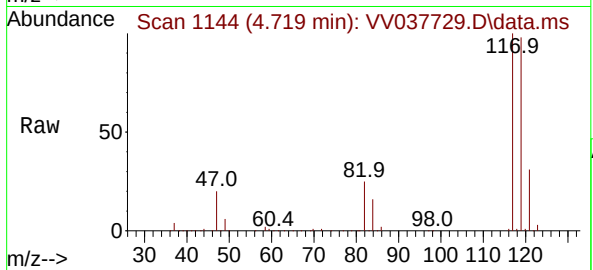
ClientSampleId :

Tgt Ion:117 Resp: 312415

Ion Ratio Lower Upper

117 100

119 96.7 76.9 115.3



#33

Benzene

Concen: 42.250 ug/L

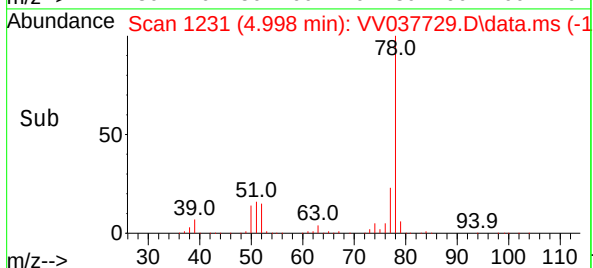
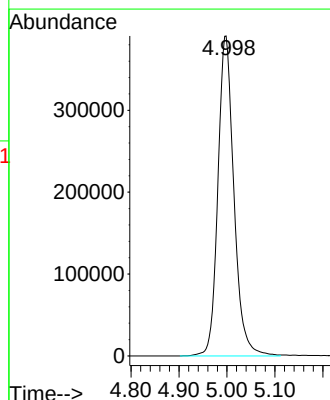
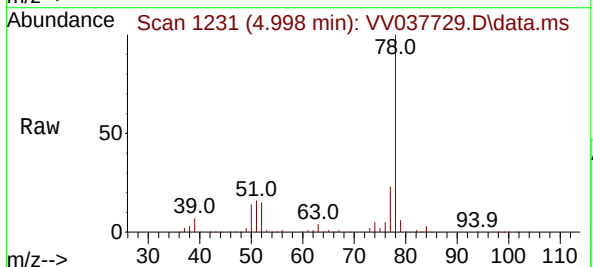
RT: 4.998 min Scan# 1231

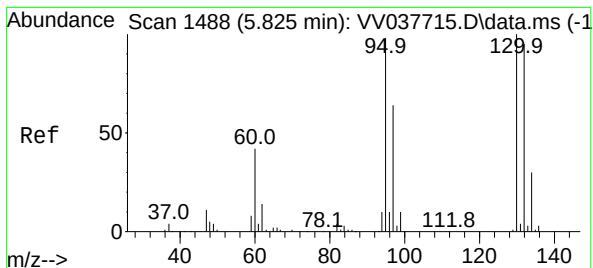
Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Tgt Ion: 78 Resp: 907179





#34

Trichloroethene

Concen: 42.030 ug/L

RT: 5.821 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 240333

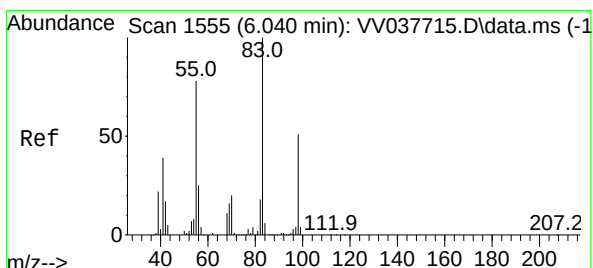
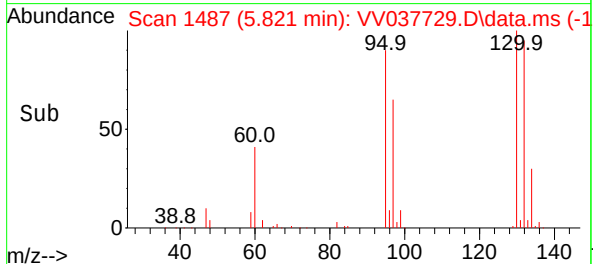
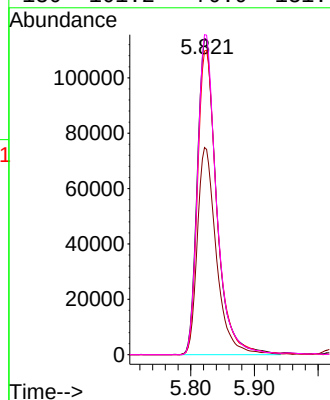
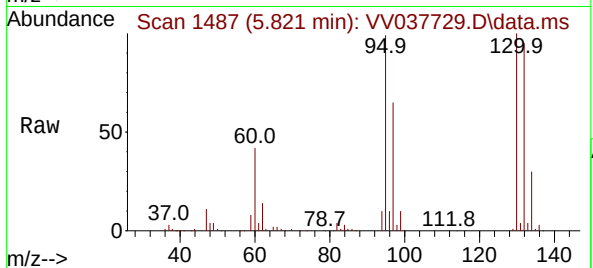
Ion Ratio Lower Upper

95 100

97 65.6 46.3 85.9

132 96.0 68.6 127.4

130 101.2 70.9 131.7



#35

Methylcyclohexane

Concen: 41.515 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

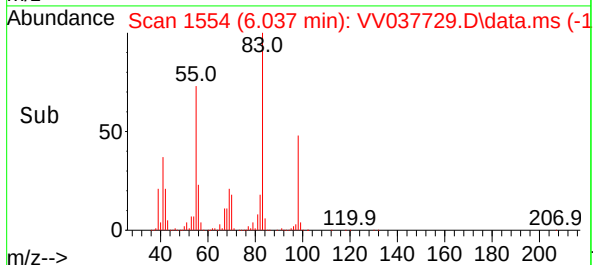
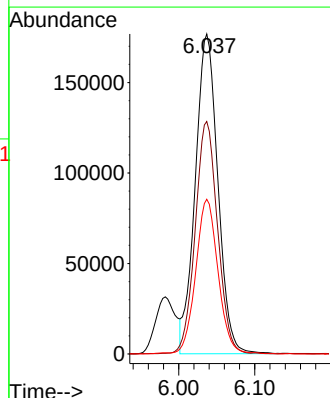
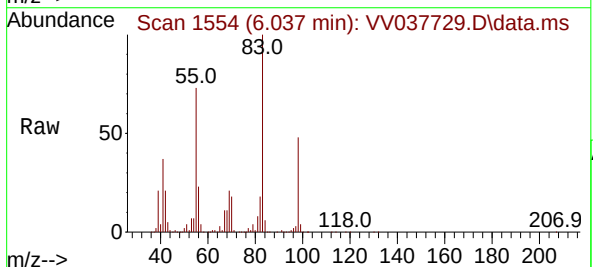
Tgt Ion: 83 Resp: 365190

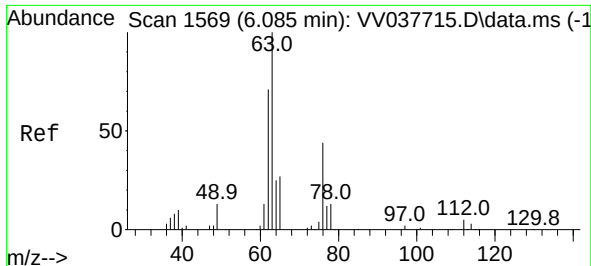
Ion Ratio Lower Upper

83 100

55 72.1 57.9 86.9

98 47.9 39.3 58.9

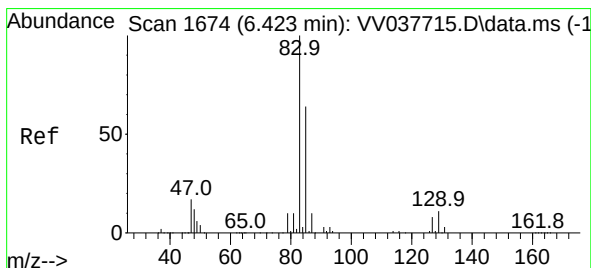
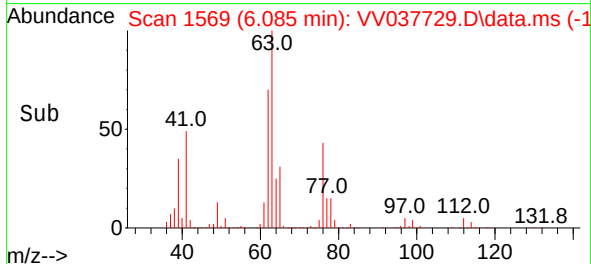
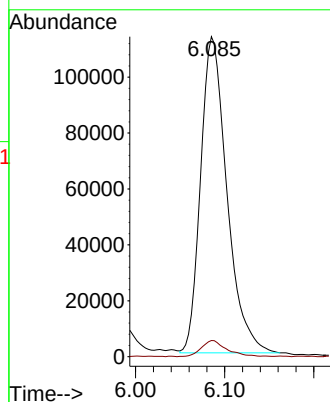
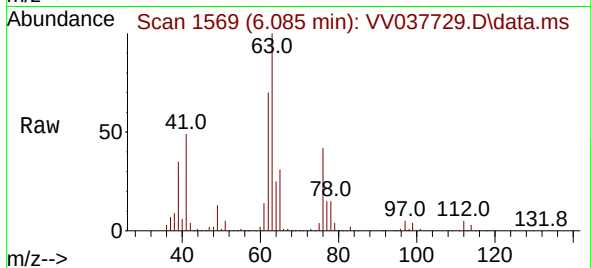




#37
1,2-Dichloropropane
Concen: 41.881 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

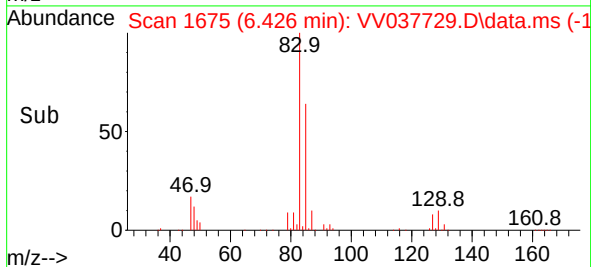
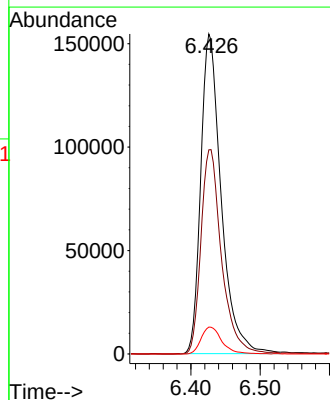
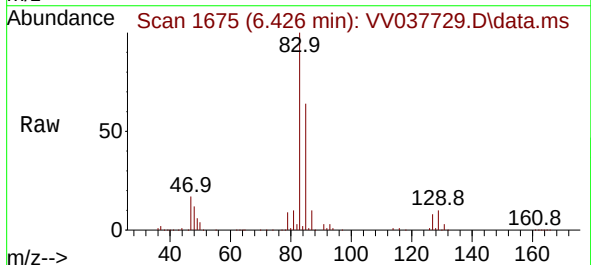
Instrument :
MSVOA_V
ClientSampleId :

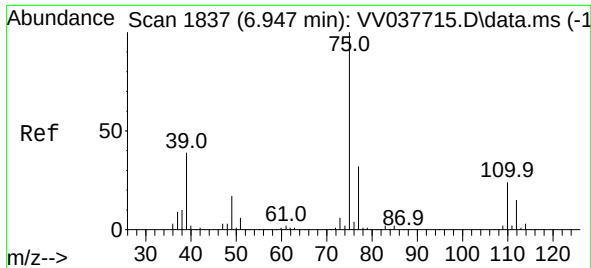
Tgt Ion: 63 Resp: 232212
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 42.744 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 83 Resp: 316816
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9
127 8.4 7.0 10.4

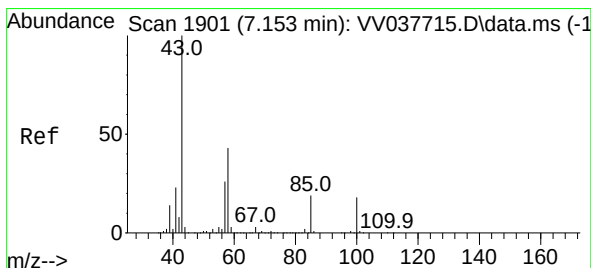
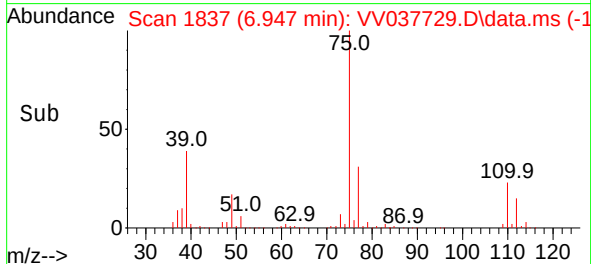
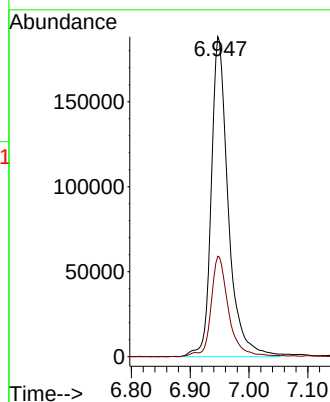
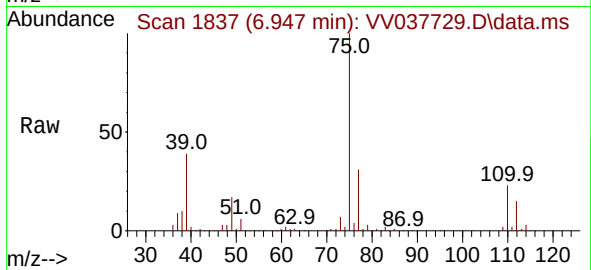




#39
 cis-1,3-Dichloropropene
 Concen: 42.745 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

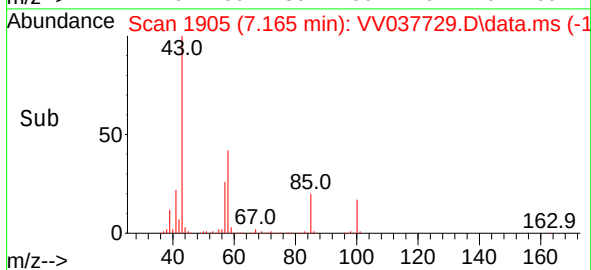
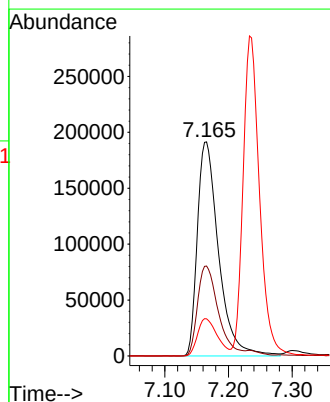
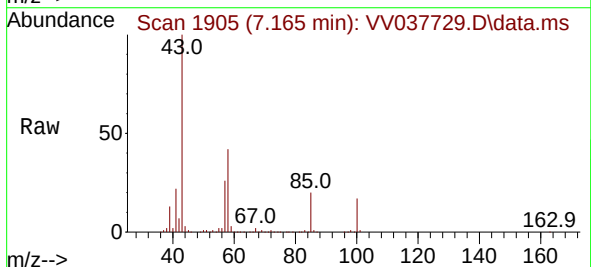
Instrument :
 MSVOA_V
 ClientSampleId :

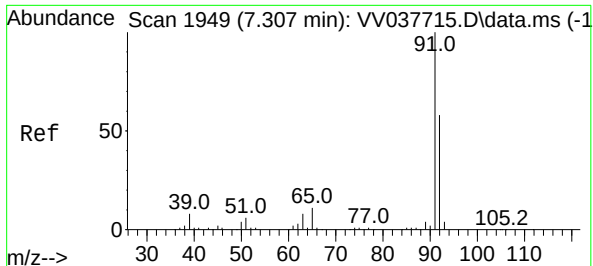
Tgt Ion: 75 Resp: 378317
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 98.242 ug/L
 RT: 7.165 min Scan# 1905
 Delta R.T. 0.013 min
 Lab File: VV037729.D
 Acq: 11 Oct 2024 14:27

Tgt Ion: 43 Resp: 443504
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.0 49.4
 100 16.1 13.7 20.5





#42

Toluene

Concen: 43.226 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

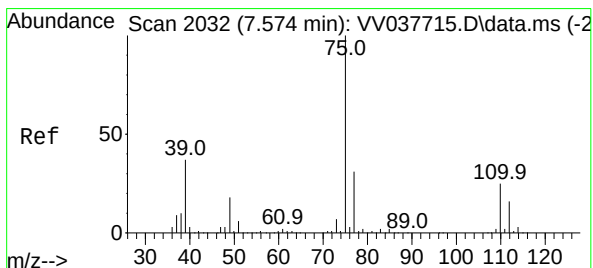
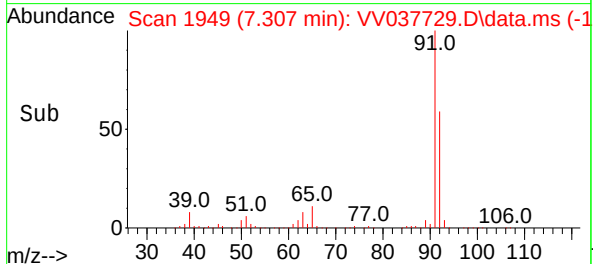
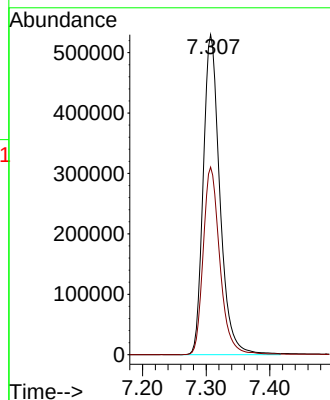
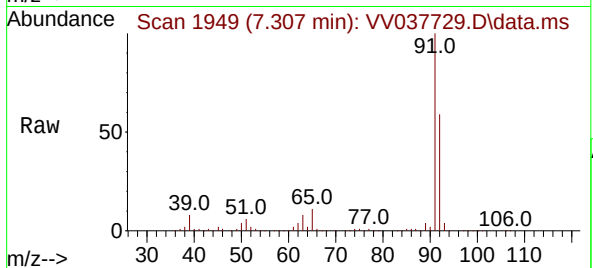
ClientSampleId :

Tgt Ion: 91 Resp: 962185

Ion Ratio Lower Upper

91 100

92 58.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 43.556 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037729.D

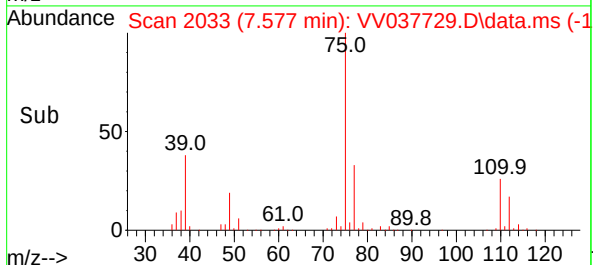
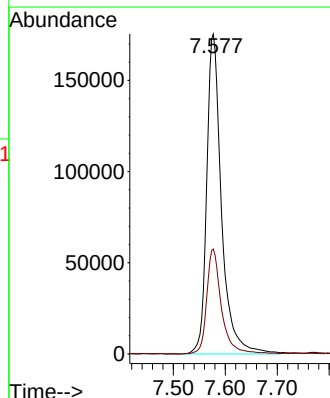
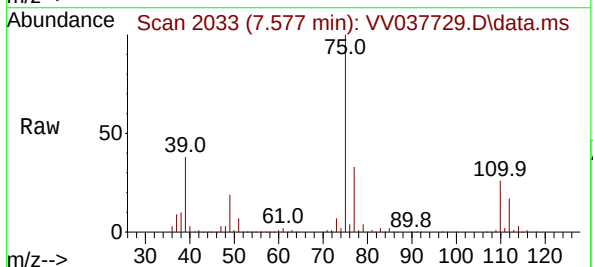
Acq: 11 Oct 2024 14:27

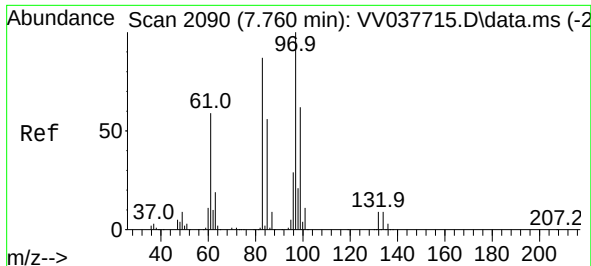
Tgt Ion: 75 Resp: 347066

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7



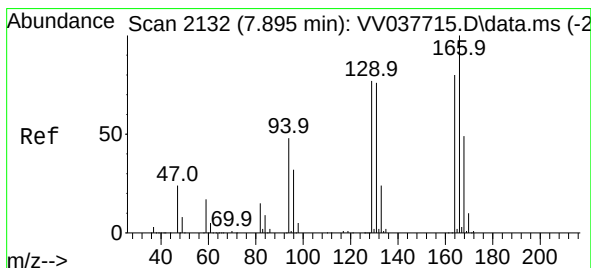
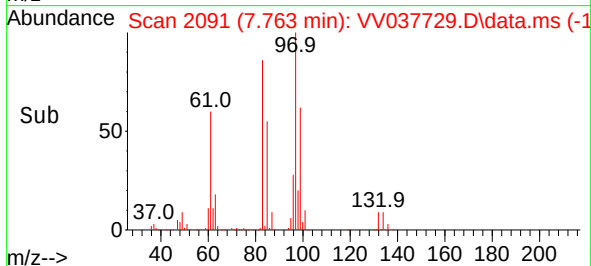
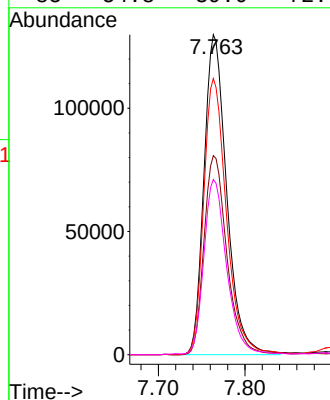
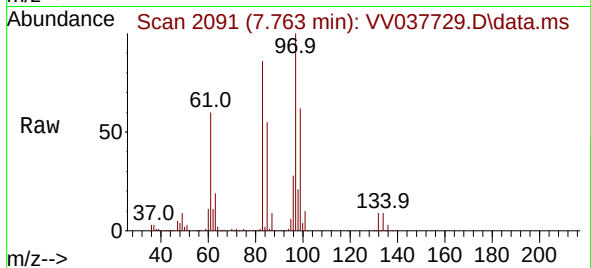


#45
1,1,2-Trichloroethane
Concen: 44.454 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 236668

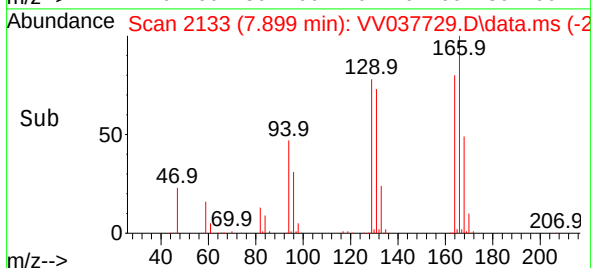
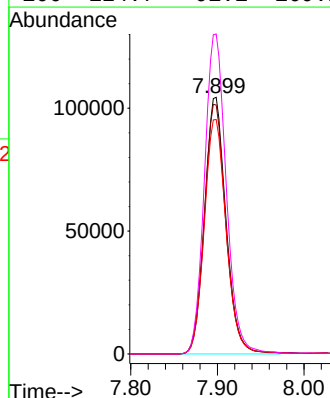
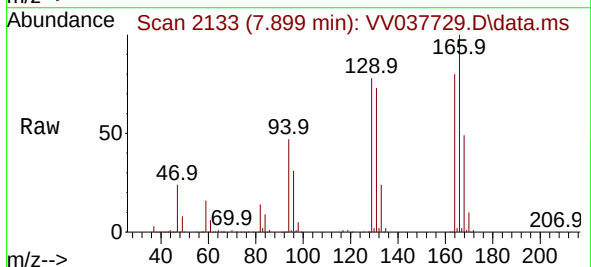
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.1	81.9
83	86.3	59.3	110.1
85	54.8	39.0	72.4

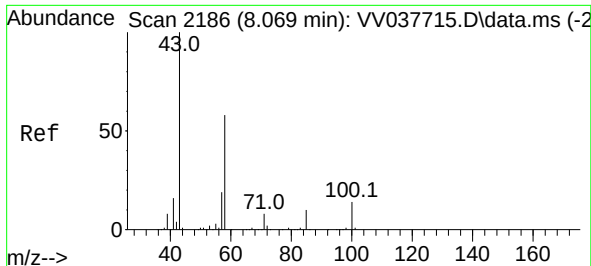


#46
Tetrachloroethene
Concen: 40.946 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 164 Resp: 179010

Ion	Ratio	Lower	Upper
164	100		
129	97.0	68.2	126.6
131	91.3	66.1	122.8
166	124.7	91.1	169.1





#48

2-Hexanone

Concen: 88.291 ug/L

RT: 8.079 min Scan# 2186

Delta R.T. 0.009 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 309931

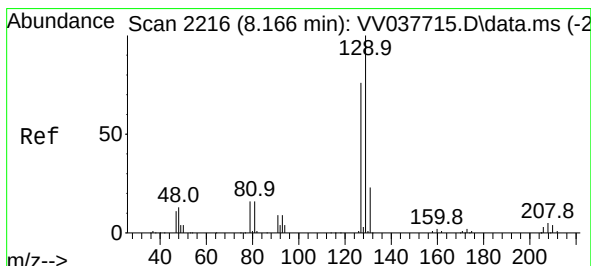
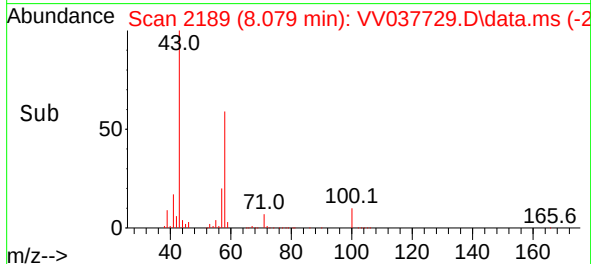
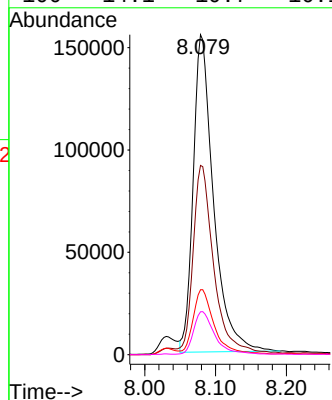
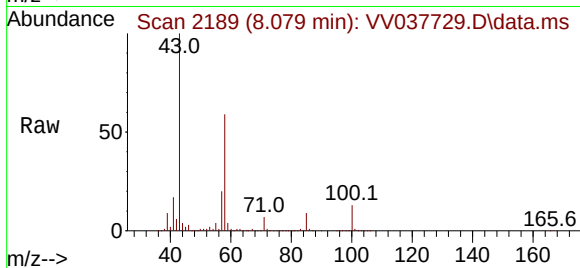
Ion Ratio Lower Upper

43 100

58 58.4 46.5 69.7

57 20.9 15.1 22.7

100 14.1 10.7 16.1



#49

Dibromochloromethane

Concen: 43.568 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.006 min

Lab File: VV037729.D

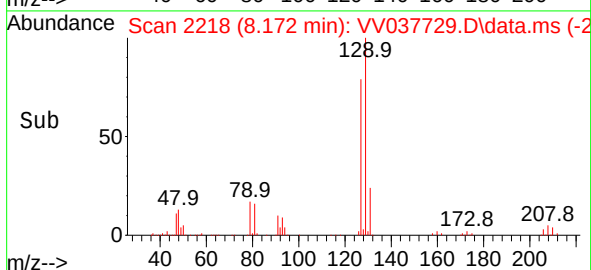
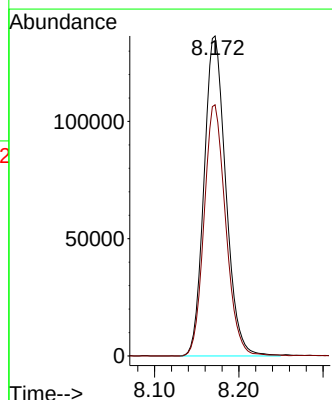
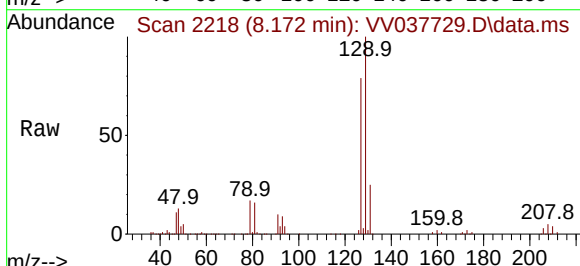
Acq: 11 Oct 2024 14:27

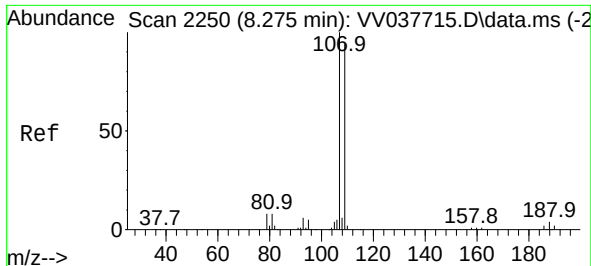
Tgt Ion: 129 Resp: 245491

Ion Ratio Lower Upper

129 100

127 78.5 54.9 101.9

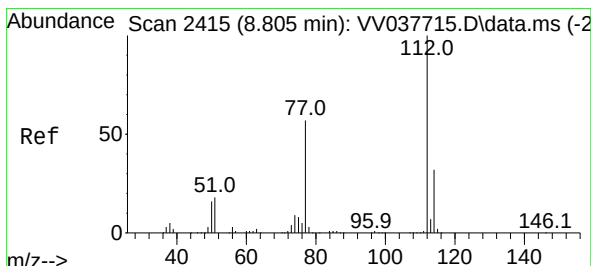
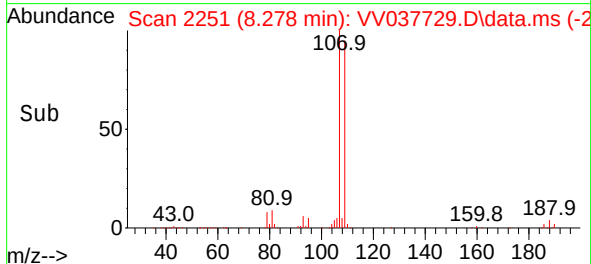
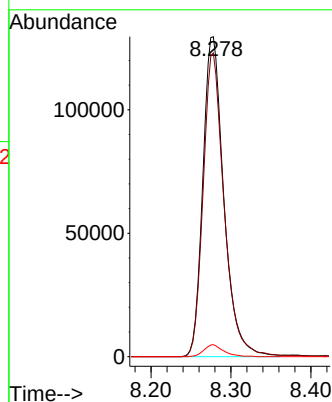
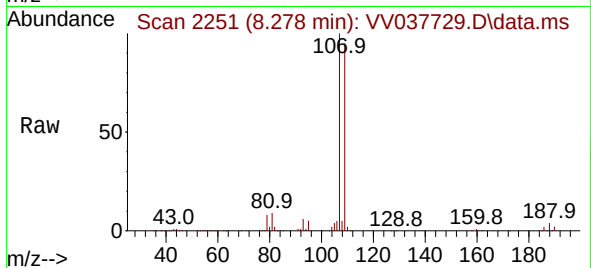




#50
1,2-Dibromoethane
Concen: 43.017 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

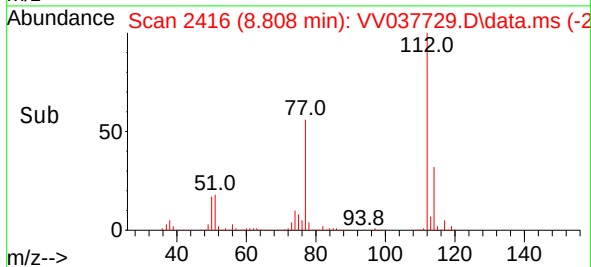
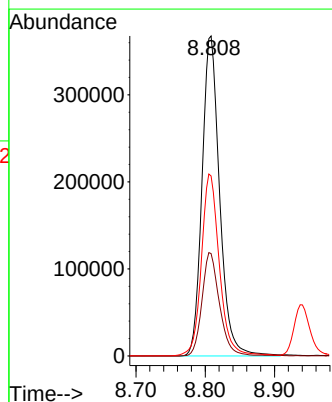
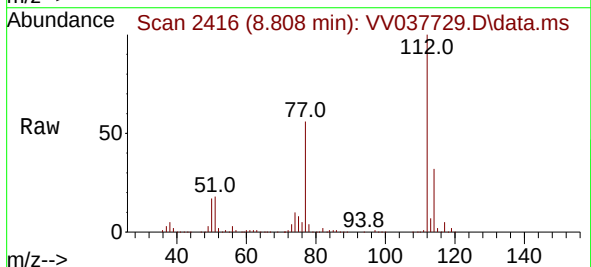
Instrument :
MSVOA_V
ClientSampleId :

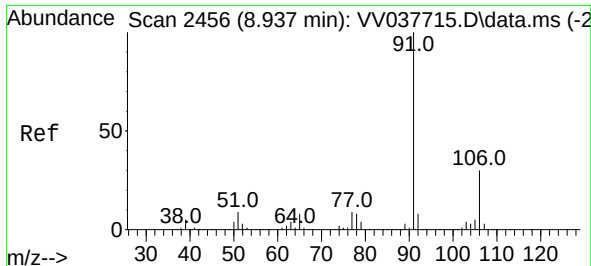
Tgt Ion:107 Resp: 236737
Ion Ratio Lower Upper
107 100
109 94.9 65.7 121.9
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 42.812 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion:112 Resp: 649252
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 56.3 45.8 68.8





#52

Ethylbenzene

Concen: 42.545 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

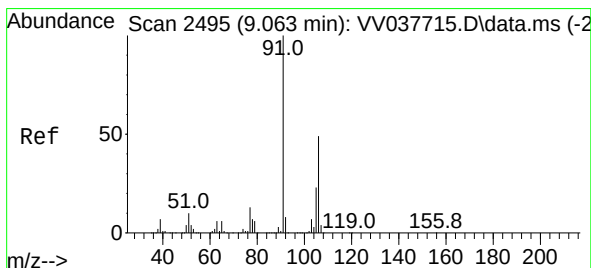
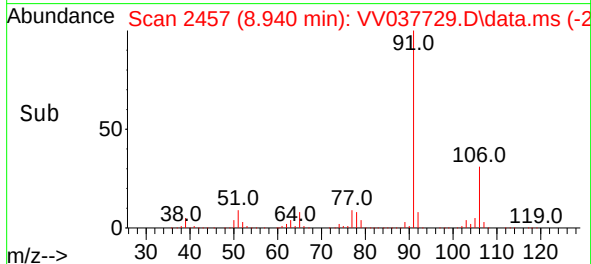
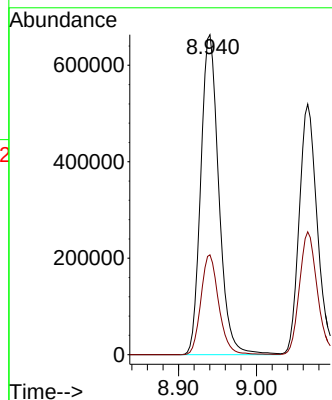
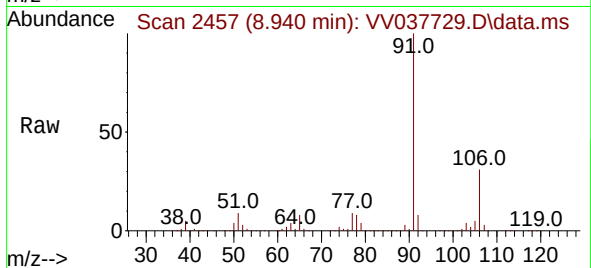
ClientSampleId :

Tgt Ion: 91 Resp: 1066028

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 43.646 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037729.D

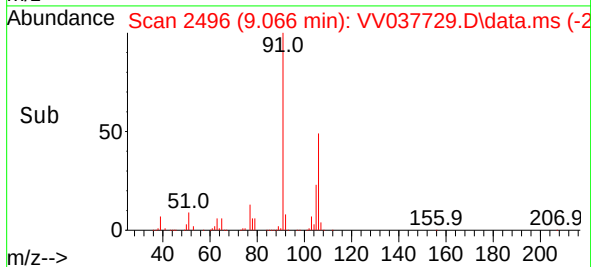
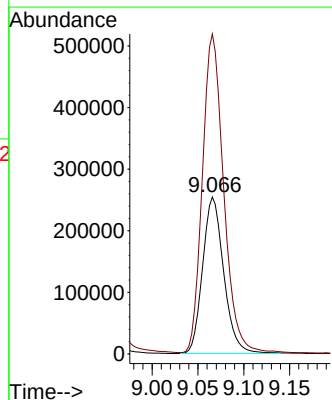
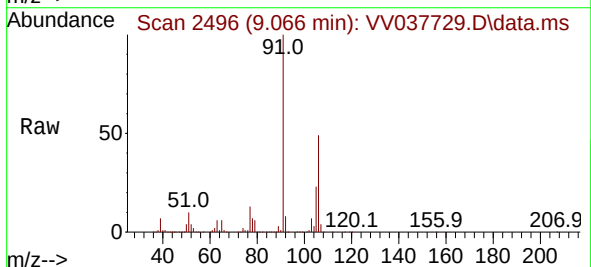
Acq: 11 Oct 2024 14:27

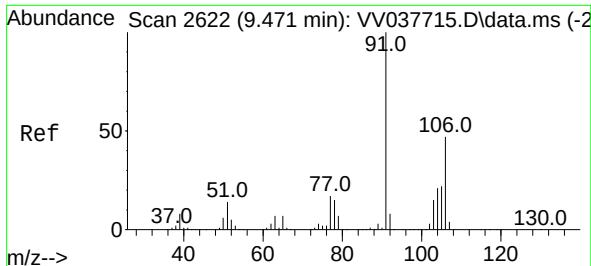
Tgt Ion:106 Resp: 407001

Ion Ratio Lower Upper

106 100

91 204.0 142.0 263.6

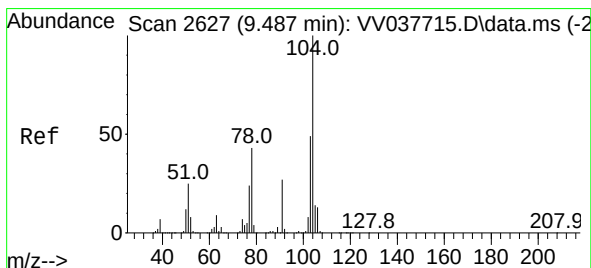
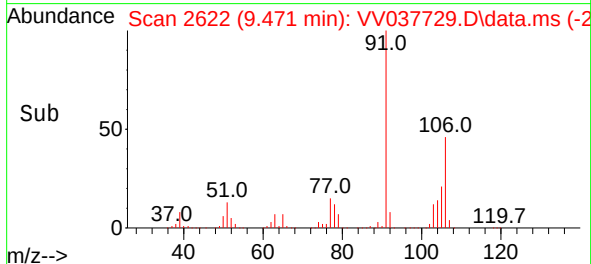
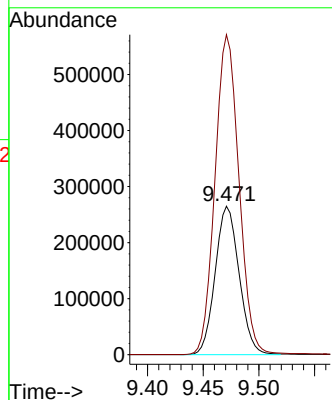
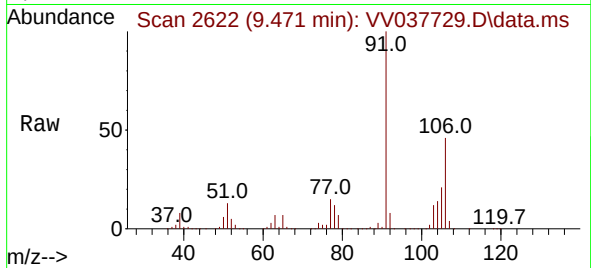




#54
o-Xylene
Concen: 43.447 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

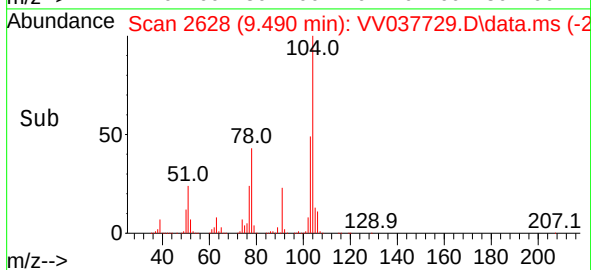
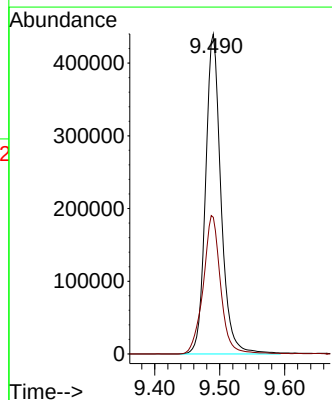
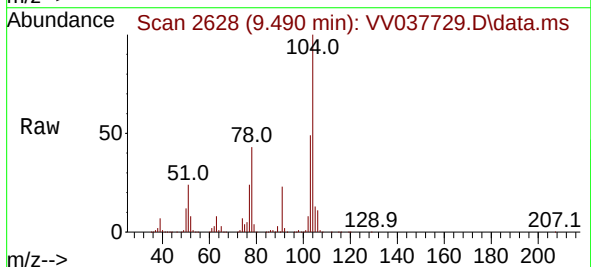
Instrument :
MSVOA_V
ClientSampleId :

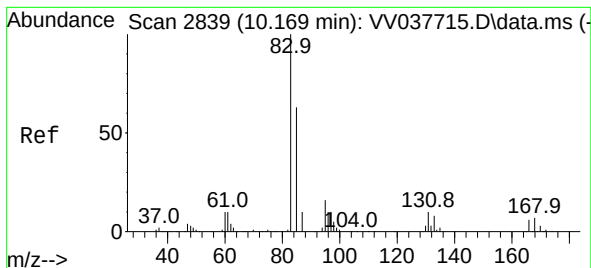
Tgt Ion:106 Resp: 395547
Ion Ratio Lower Upper
106 100
91 215.4 153.9 285.9



#55
Styrene
Concen: 45.982 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion:104 Resp: 728750
Ion Ratio Lower Upper
104 100
78 42.7 30.0 55.6

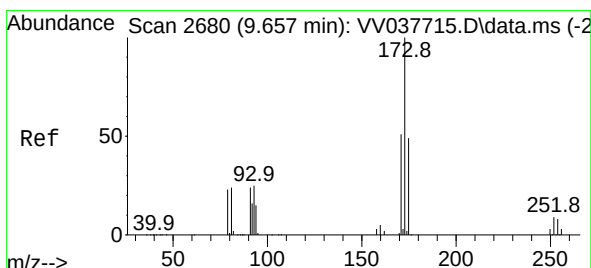
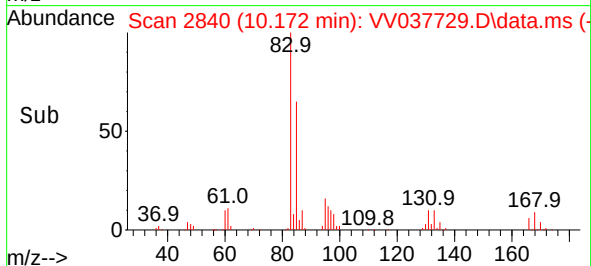
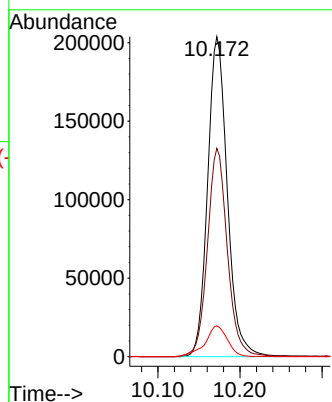
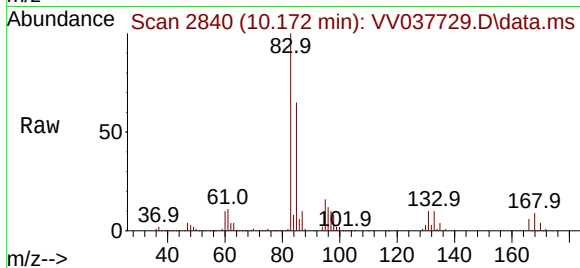




#57
1,1,2,2-Tetrachloroethane
Concen: 45.753 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

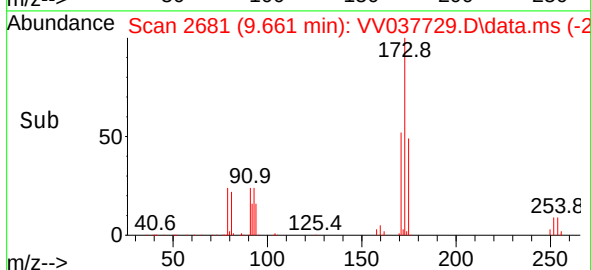
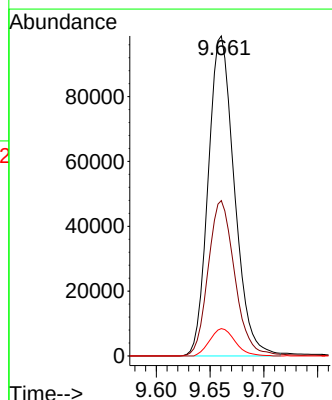
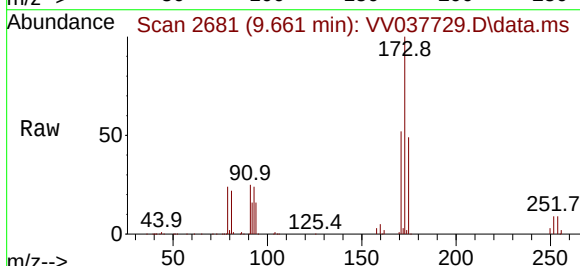
Instrument :
MSVOA_V
ClientSampleId :

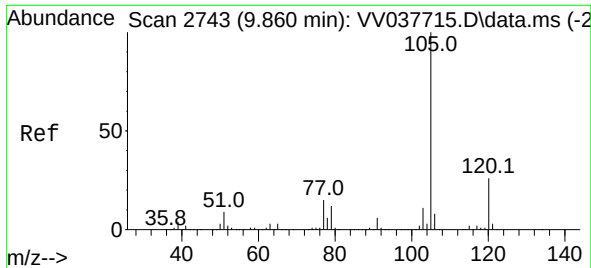
Tgt Ion: 83 Resp: 339607
Ion Ratio Lower Upper
83 100
85 65.1 45.9 85.3
131 9.7 7.9 11.9



#59
Bromoform
Concen: 42.515 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 173 Resp: 167261
Ion Ratio Lower Upper
173 100
175 49.3 40.0 60.0
254 8.3 6.5 9.7

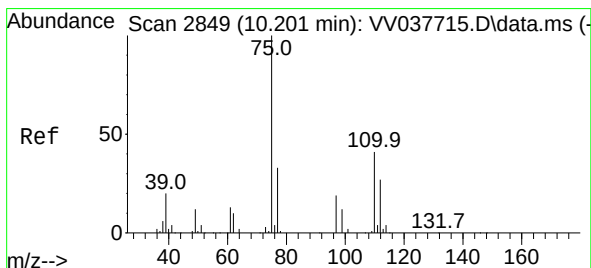
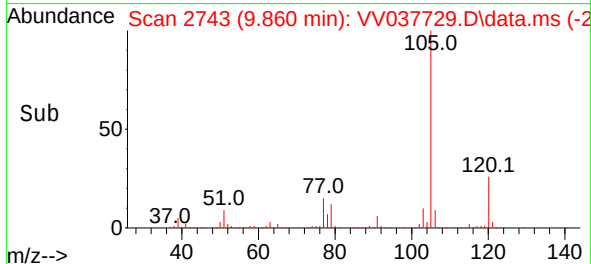
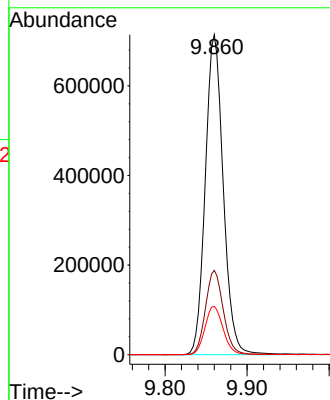
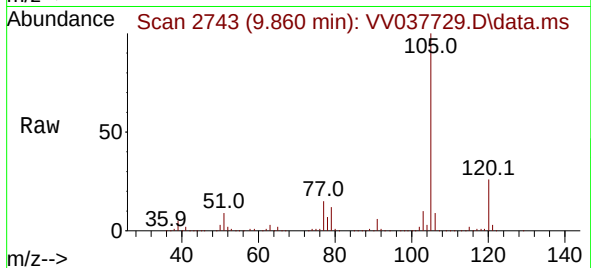




#60
Isopropylbenzene
Concen: 41.455 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

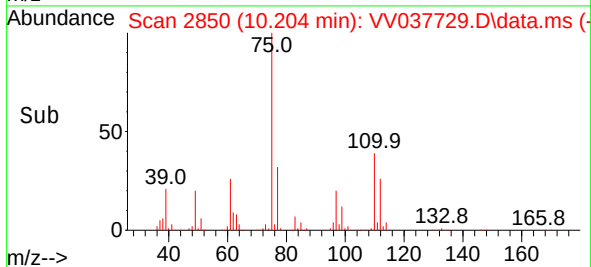
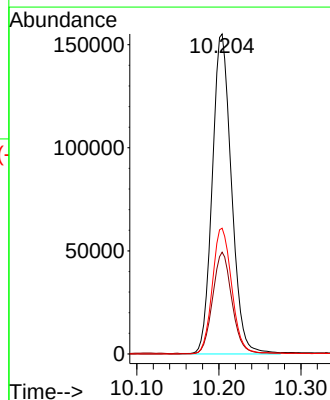
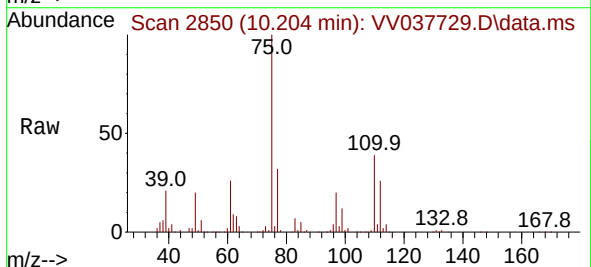
Instrument :
MSVOA_V
ClientSampleId :

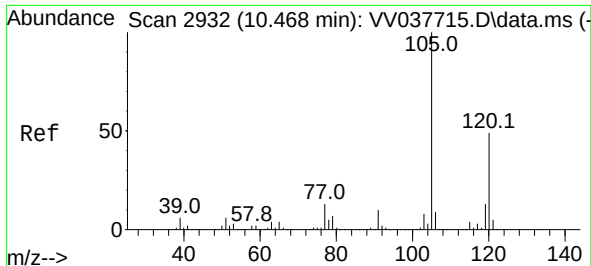
Tgt Ion:105 Resp: 1084862
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 44.241 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037729.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 75 Resp: 253403
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 39.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 42.329 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

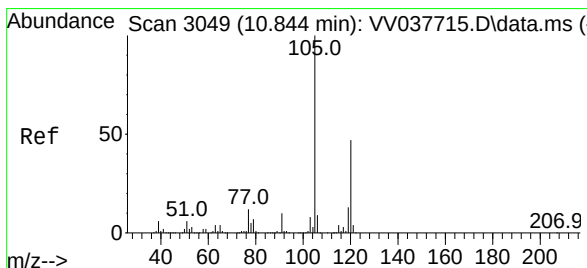
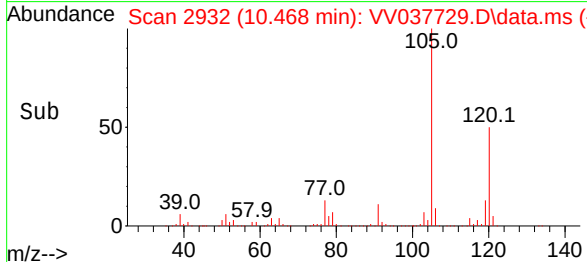
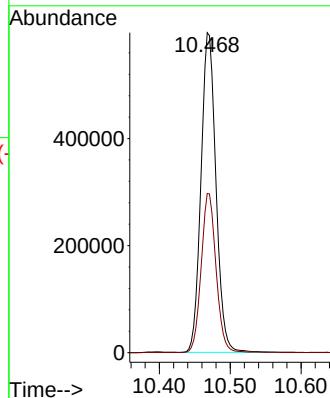
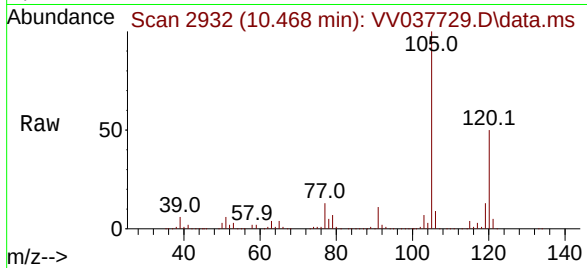
ClientSampleId :

Tgt Ion:105 Resp: 875790

Ion Ratio Lower Upper

105 100

120 49.3 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 42.848 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037729.D

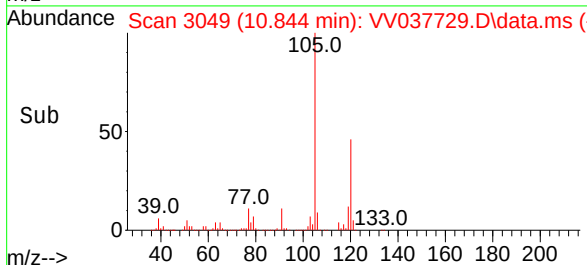
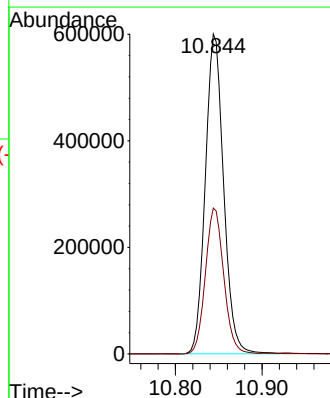
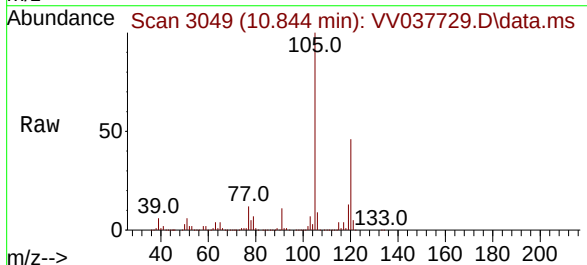
Acq: 11 Oct 2024 14:27

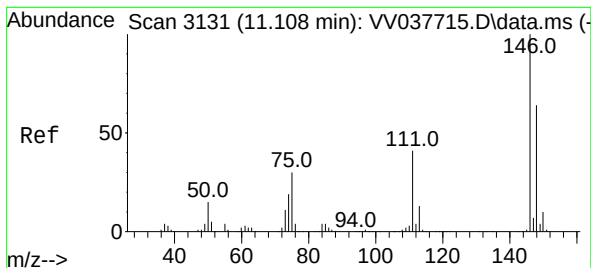
Tgt Ion:105 Resp: 882063

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 42.585 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

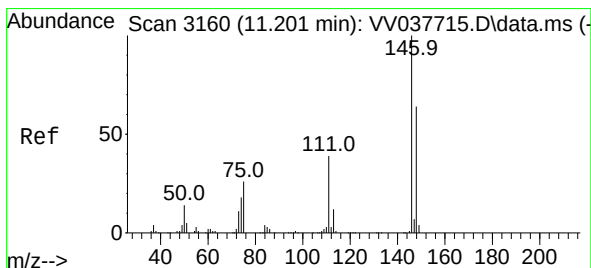
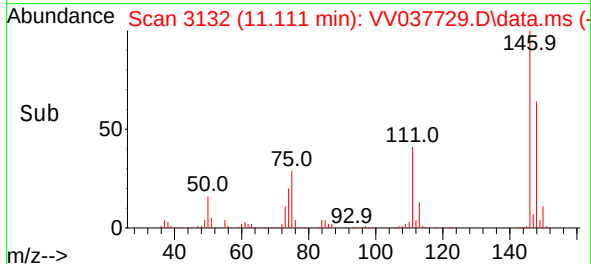
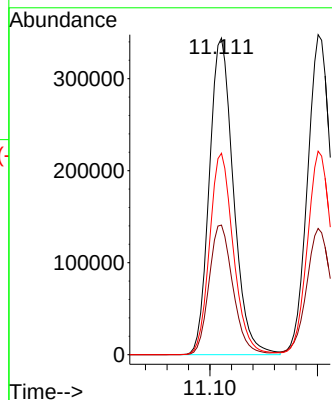
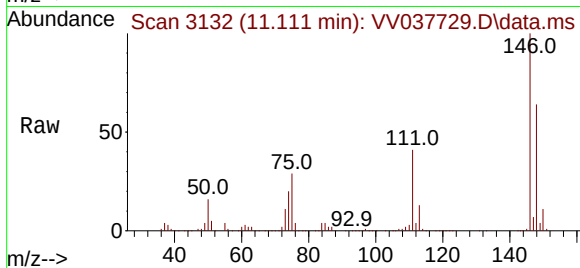
Tgt Ion:146 Resp: 536415

Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.5

148 63.6 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 42.202 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

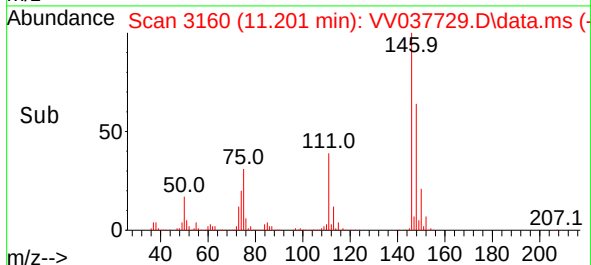
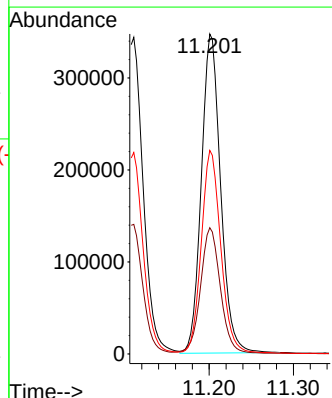
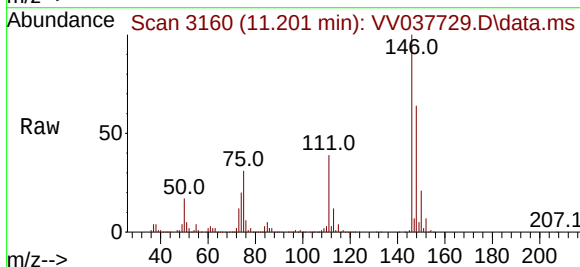
Tgt Ion:146 Resp: 553539

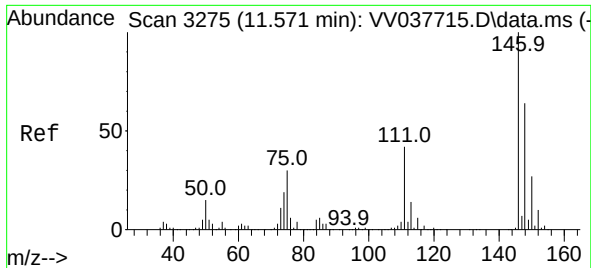
Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.4

148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 43.068 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

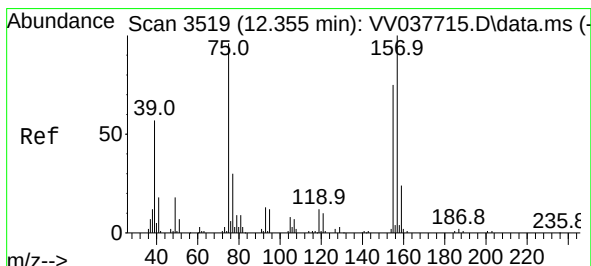
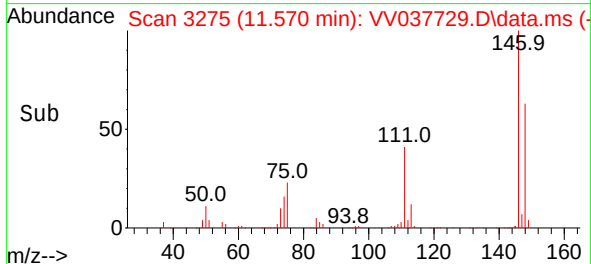
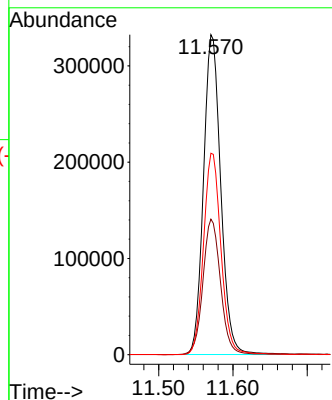
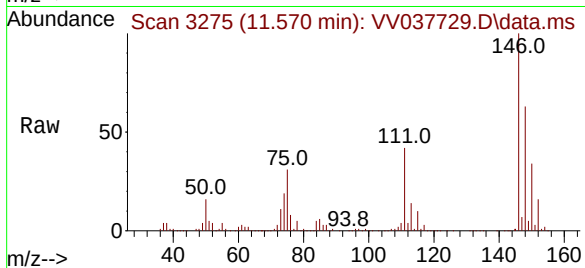
Tgt Ion:146 Resp: 536289

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.2

148 63.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 43.310 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

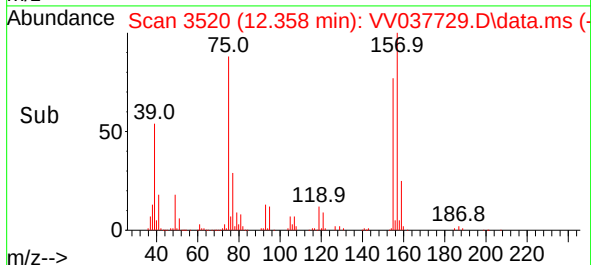
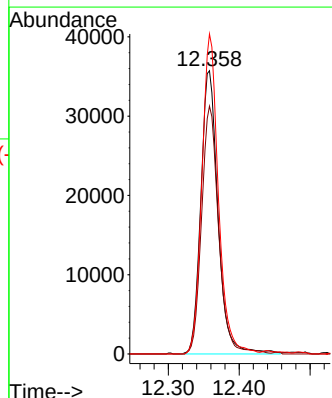
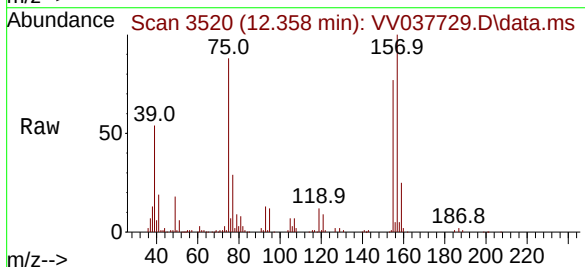
Tgt Ion: 75 Resp: 60217

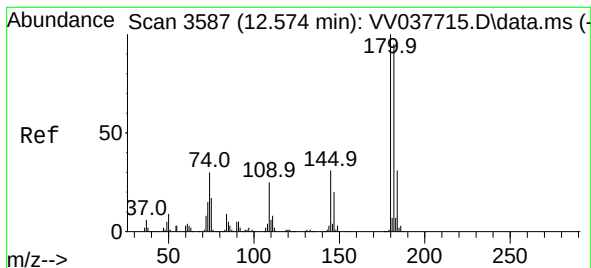
Ion Ratio Lower Upper

75 100

155 87.5 66.2 99.4

157 113.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 42.841 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

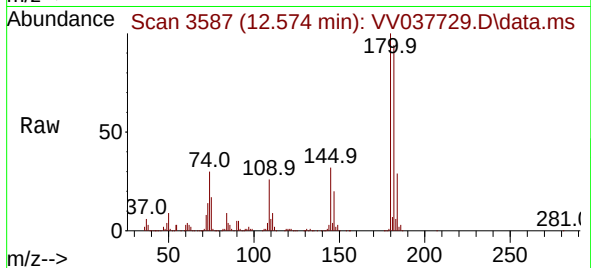
Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 371103

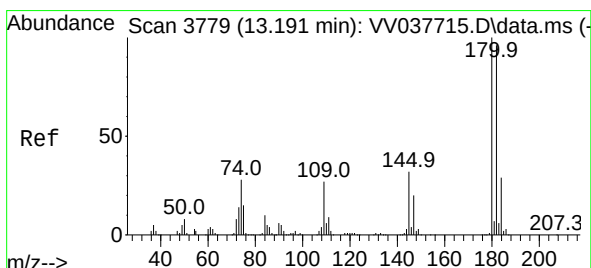
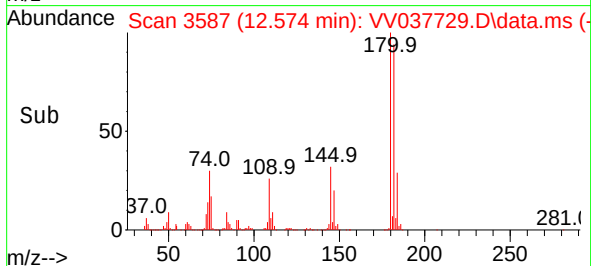
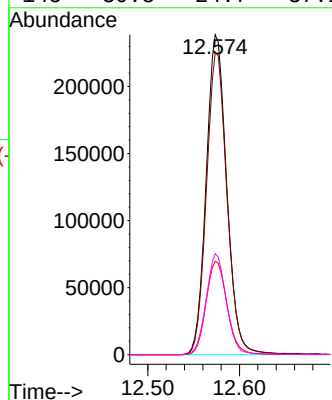
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 29.7 23.8 35.6

145 30.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 43.101 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

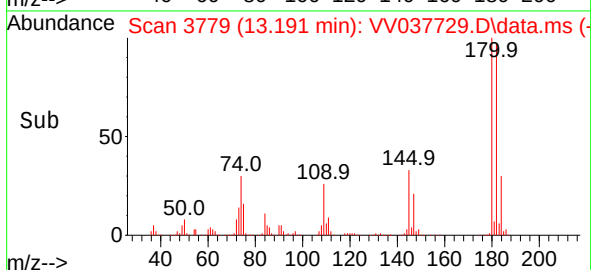
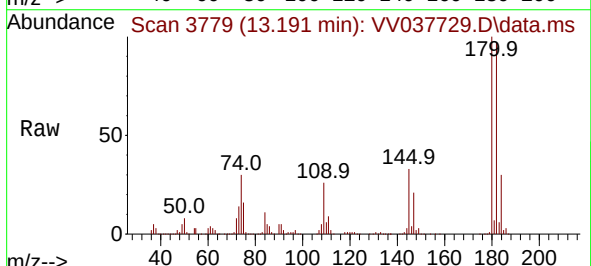
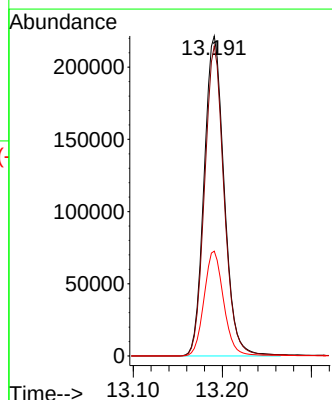
Tgt Ion:180 Resp: 346395

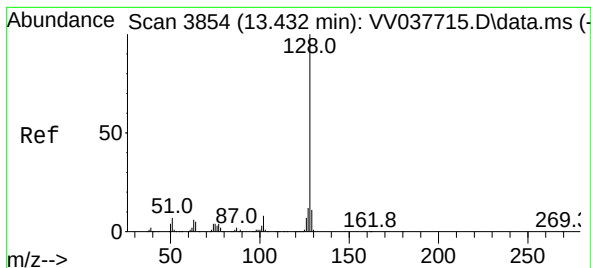
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 43.104 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

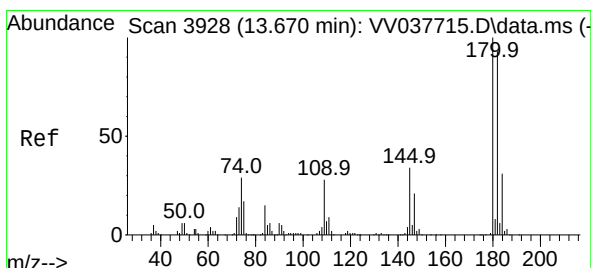
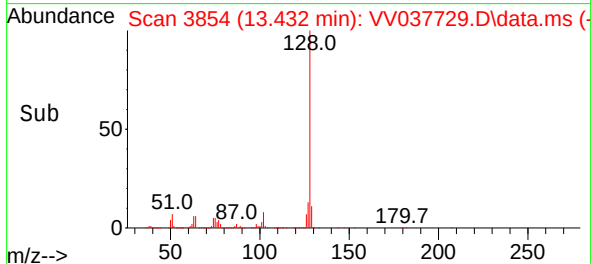
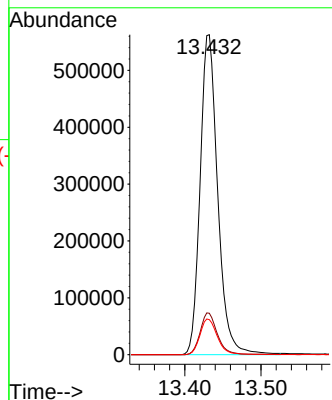
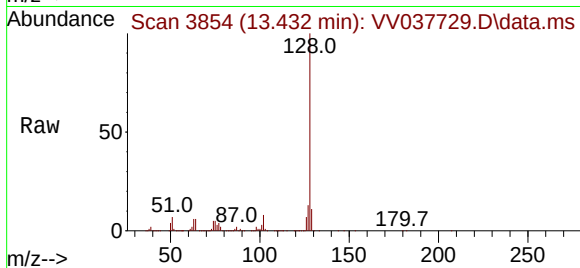
Tgt Ion:128 Resp: 905086

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 42.511 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV037729.D

Acq: 11 Oct 2024 14:27

Tgt Ion:180 Resp: 337391

Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

145 33.5 26.2 39.4

