

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036771.D
 Acq On : 02 Aug 2024 19:37
 Operator : SY/MD
 Sample : P3391-01
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 00:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	470635	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	435435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211967	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	183295	48.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.520%
7) Chloroethane-d5	1.532	69	145578	49.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.220%
11) 1,1-Dichloroethene-d2	2.059	65	80009	49.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.520%
21) 2-Butanone-d5	3.799	46	203986	102.420	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	4.246	84	323581	47.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
26) 1,2-Dichloroethane-d4	4.937	65	221441	51.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.120%
32) Benzene-d6	4.953	84	676585	51.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
36) 1,2-Dichloropropane-d6	5.985	67	216363	50.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.980%
41) Toluene-d8	7.239	98	615373	51.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.020%
43) trans-1,3-Dichloroprop...	7.551	79	106042	48.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
47) 2-Hexanone-d5	8.027	63	123971	101.618	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245460	50.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	11.557	152	219494	50.817	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.640%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.108	85	9360	2.494 ug/L	99
3) Chloromethane	1.217	50	9530	2.427 ug/L	100
5) Vinyl chloride	1.281	62	10775	2.672 ug/L #	76
6) Bromomethane	1.487	94	5990	2.359 ug/L	97
8) Chloroethane	1.548	64	6197	2.481 ug/L	99
9) Trichlorofluoromethane	1.712	101	12913	2.444 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	9481	3.046 ug/L #	89
12) 1,1-Dichloroethene	2.069	96	8668	2.916 ug/L #	1
13) Acetone	2.117	43	6868	4.122 ug/L	94
14) Carbon disulfide	2.240	76	26003	2.784 ug/L #	93
15) Methyl Acetate	2.375	43	7835	2.282 ug/L	94
16) Methylene chloride	2.445	84	9418	2.818 ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	6970	2.263 ug/L	96
18) Methyl tert-butyl Ether	2.712	73	24941	2.300 ug/L	96
19) 1,1-Dichloroethane	3.108	63	14329	2.303 ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	8976	2.483 ug/L	91
22) 2-Butanone	3.918	43	7999	3.583 ug/L	83
23) Bromochloromethane	4.149	128	3928	2.237 ug/L #	97
25) Chloroform	4.272	83	24724	3.869 ug/L	99

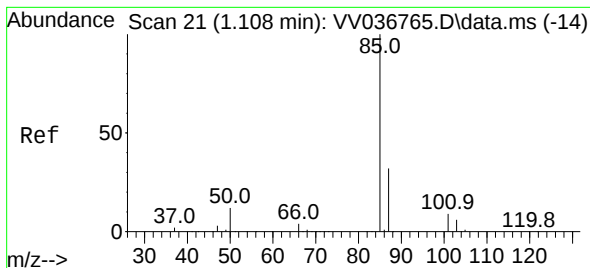
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	9860	1.956	ug/L	95
29) Cyclohexane	4.574	56	13694	2.468	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	12115	2.208	ug/L	93
31) Carbon tetrachloride	4.731	117	10754	2.334	ug/L	99
33) Benzene	5.011	78	29807	2.289	ug/L	100
34) Trichloroethene	5.834	95	9307	2.466	ug/L	92
35) Methylcyclohexane	5.985	83	50436	8.708	ug/L #	19
37) 1,2-Dichloropropane	6.101	63	7287	2.112	ug/L #	92
38) Bromodichloromethane	6.442	83	10687	2.249	ug/L	99
39) cis-1,3-Dichloropropene	6.969	75	11762	1.991	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	17037	3.986	ug/L	97
42) Toluene	7.323	91	31036	2.237	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	12934	2.349	ug/L	95
45) 1,1,2-Trichloroethane	7.779	97	7047	2.109	ug/L	94
46) Tetrachloroethene	7.908	164	6363	2.570	ug/L	95
48) 2-Hexanone	8.088	43	26540	8.441	ug/L #	87
49) Dibromochloromethane	8.178	129	7646	2.227	ug/L	99
50) 1,2-Dibromoethane	8.291	107	8032	2.317	ug/L #	96
51) Chlorobenzene	8.818	112	20901	2.348	ug/L	95
52) Ethylbenzene	8.950	91	36253	2.289	ug/L	99
53) m,p-Xylene	9.078	106	12927	2.183	ug/L	95
54) o-Xylene	9.480	106	12998	2.245	ug/L	100
55) Styrene	9.503	104	21601	2.177	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	12176	2.701	ug/L #	95
59) Bromoform	9.667	173	4695	2.002	ug/L	99
60) Isopropylbenzene	9.869	105	35890	2.326	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	8992	2.357	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	29336	2.283	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	29644	2.305	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	16876	2.543	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	19796	2.934	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	16878	2.604	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2272	2.060	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	11857	2.518	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	11780	2.608	ug/L	95
71) Naphthalene	13.442	128	41655	2.876	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	11451	2.590	ug/L	99

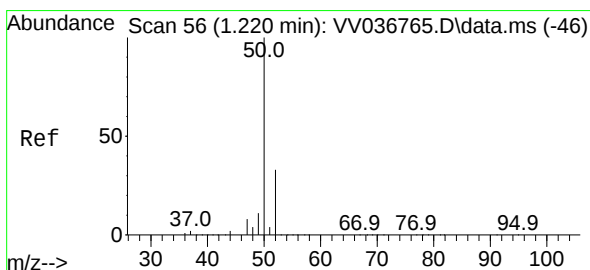
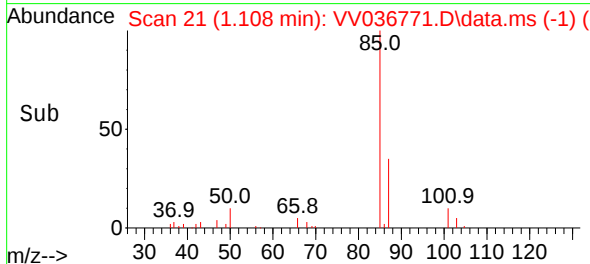
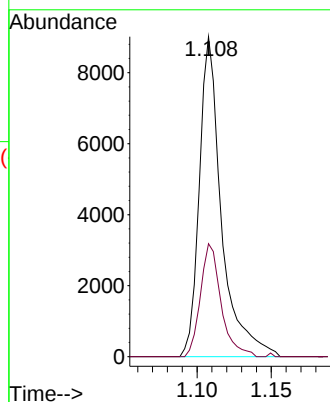
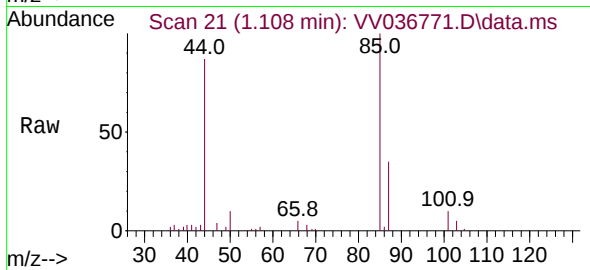
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.494 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

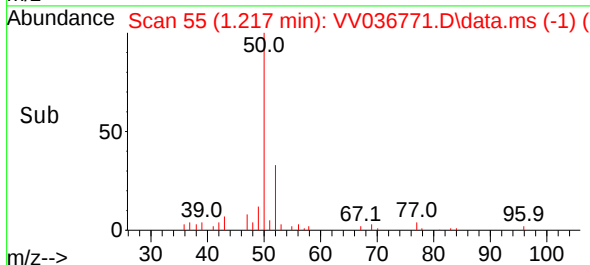
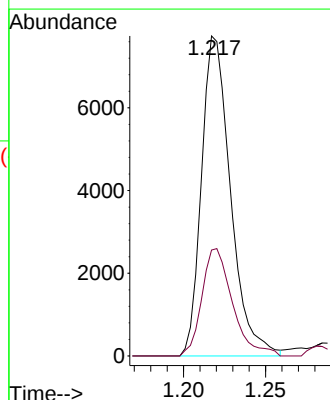
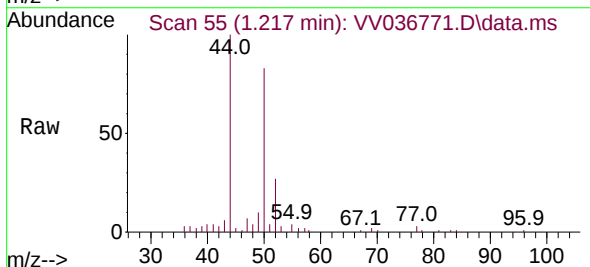
Instrument :
MSVOA_V
ClientSampleId :

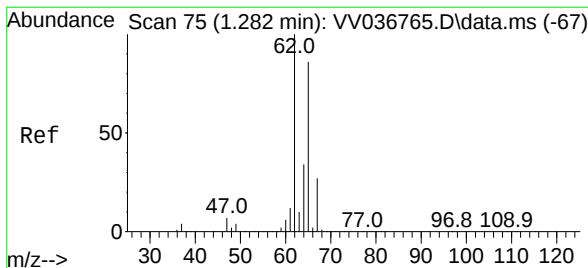
Tgt Ion: 85 Resp: 9360
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 2.427 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 50 Resp: 9530
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 2.672 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

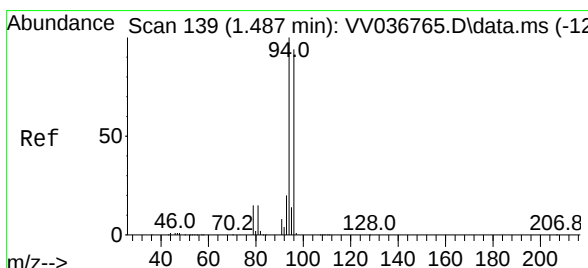
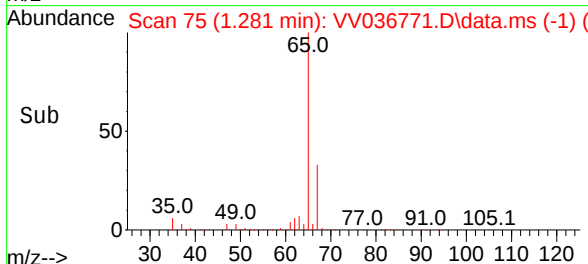
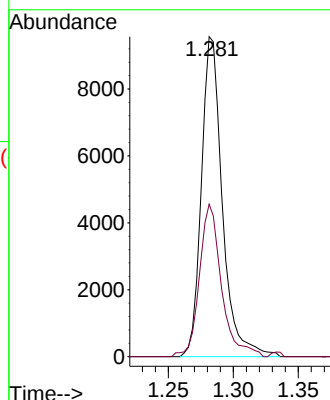
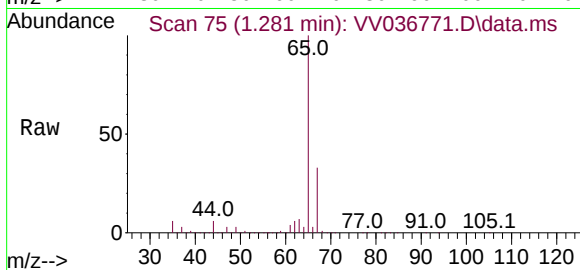
ClientSampleId :

Tgt Ion: 62 Resp: 10775

Ion Ratio Lower Upper

62 100

64 47.6 23.6 43.8#



#6

Bromomethane

Concen: 2.359 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036771.D

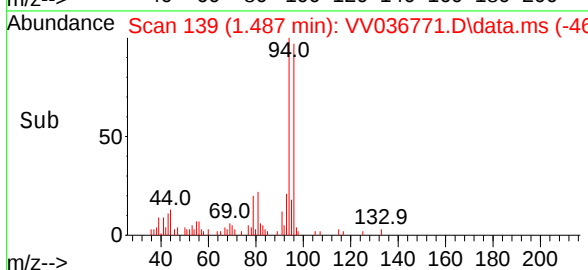
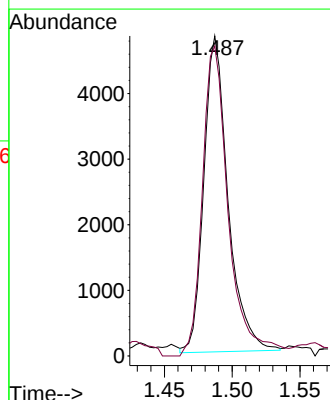
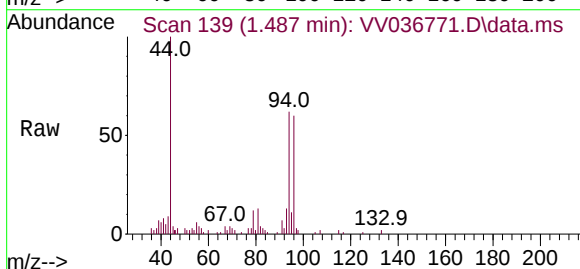
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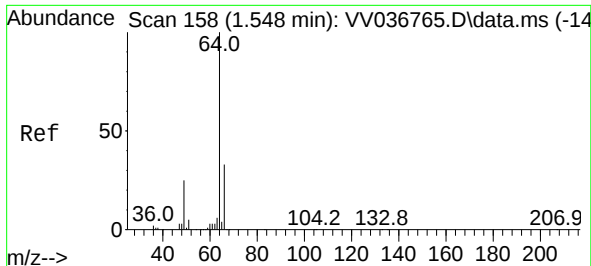
Tgt Ion: 94 Resp: 5990

Ion Ratio Lower Upper

94 100

96 96.9 65.5 121.7

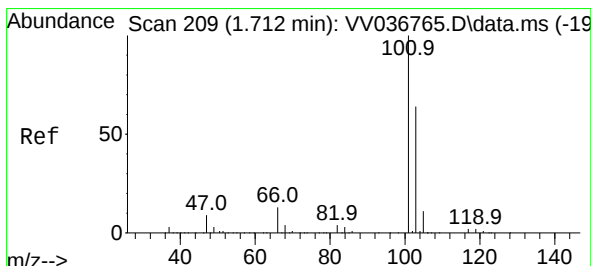
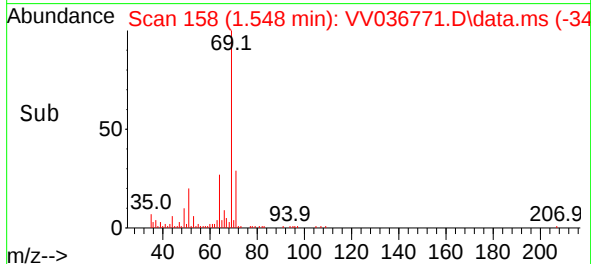
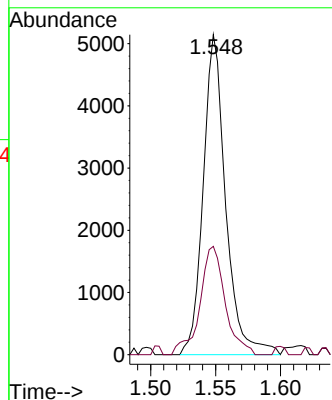
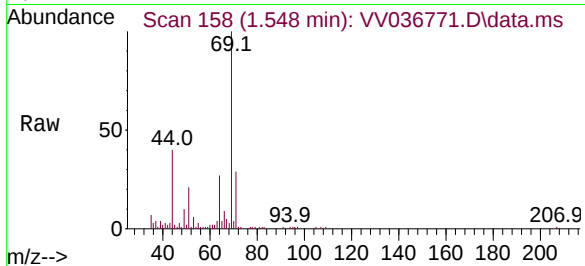




#8
Chloroethane
Concen: 2.481 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

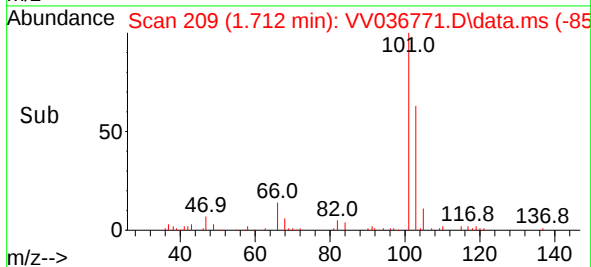
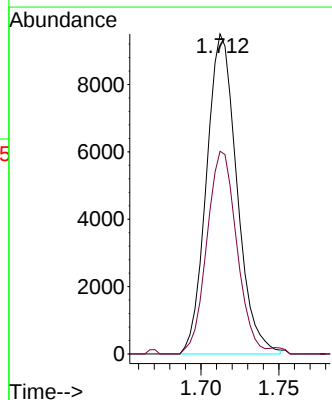
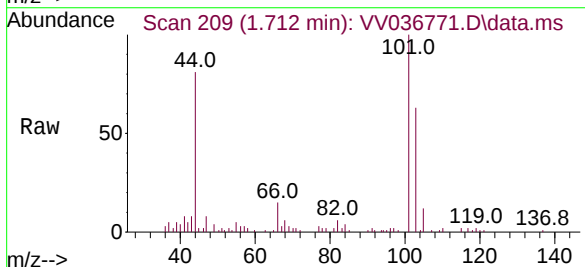
Instrument :
MSVOA_V
ClientSampleId :

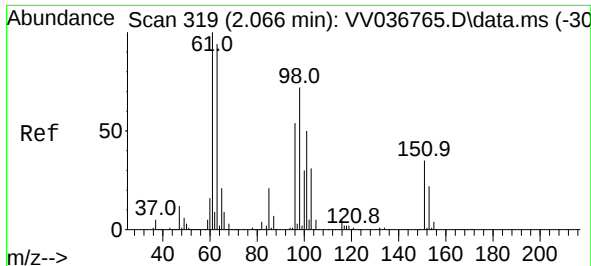
Tgt Ion: 64 Resp: 6197
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.444 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion:101 Resp: 12913
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0





#10

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

Concen: 3.046 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

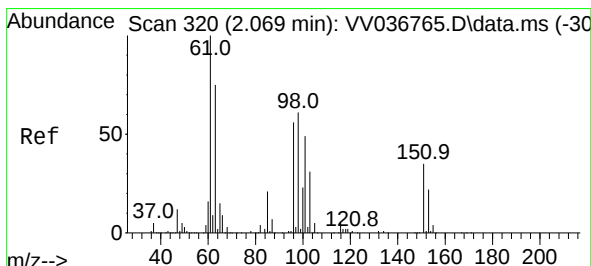
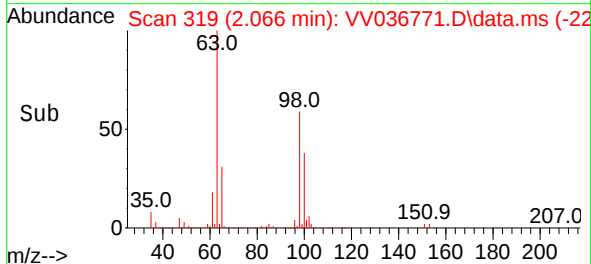
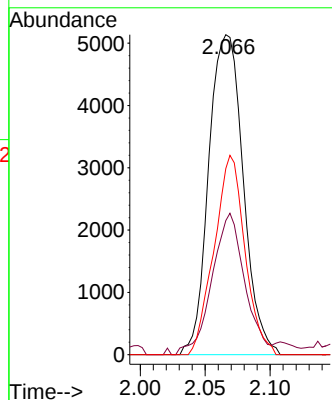
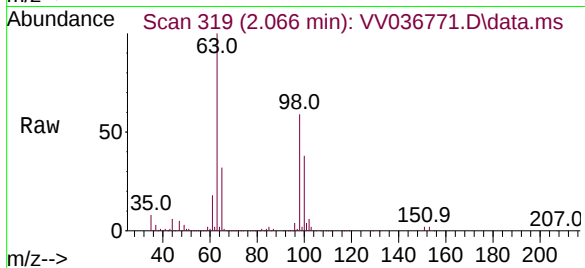
Tgt Ion:101 Resp: 9481

Ion Ratio Lower Upper

101 100

85 42.1 34.6 51.8

151 55.7 55.9 83.9#



#12

1,1-Dichloroethene

Concen: 2.916 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

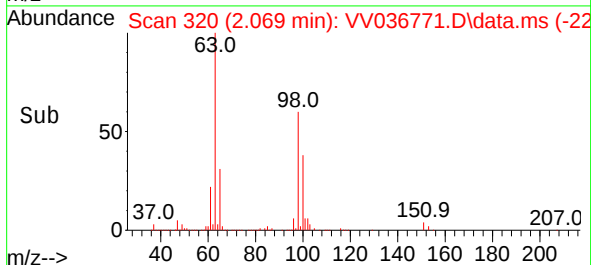
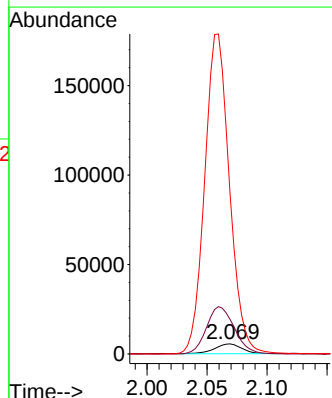
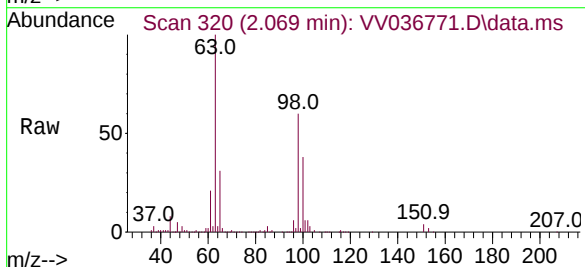
Tgt Ion: 96 Resp: 8668

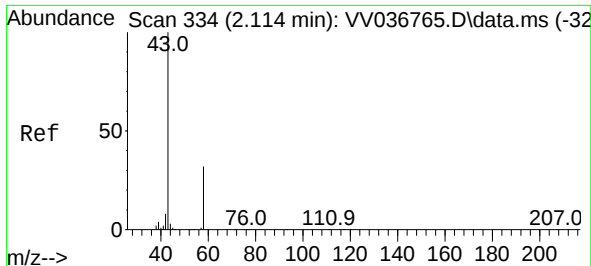
Ion Ratio Lower Upper

96 100

61 344.3 125.6 233.2#

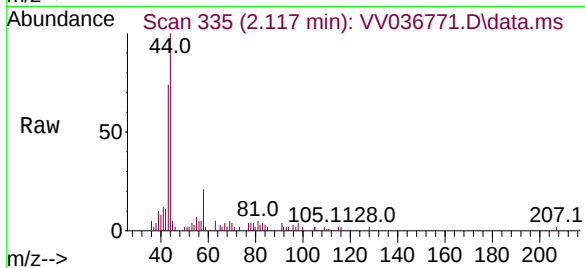
63 1602.6 95.1 176.7#



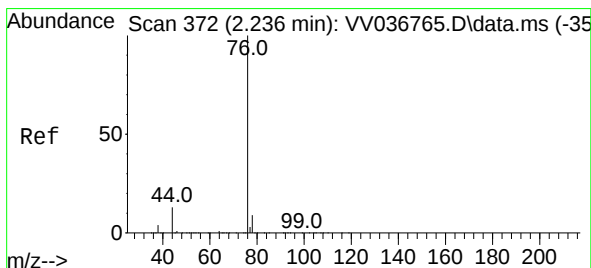
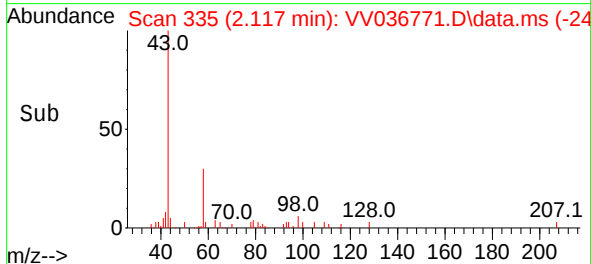
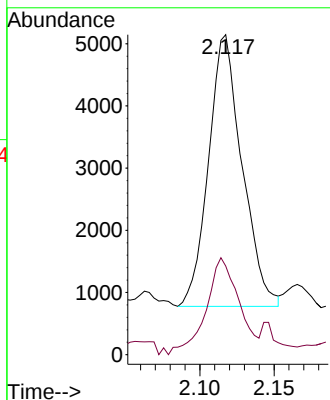


#13
Acetone
Concen: 4.122 ug/L
RT: 2.117 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

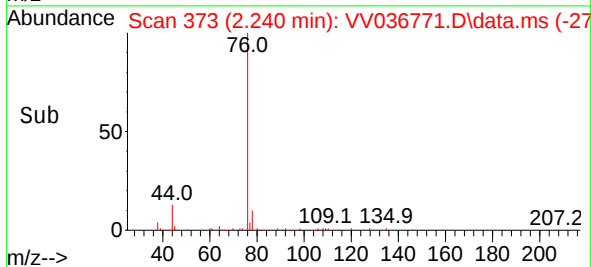
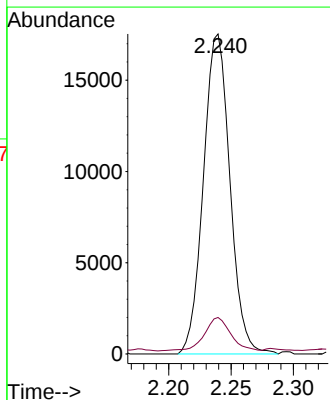
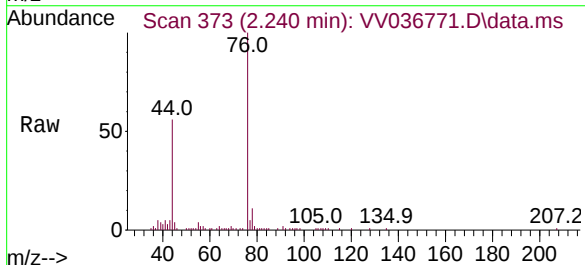


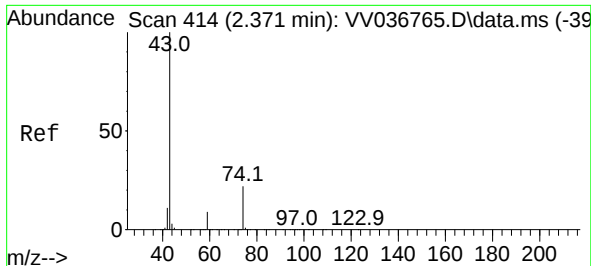
Tgt Ion: 43 Resp: 6868
Ion Ratio Lower Upper
43 100
58 35.2 0.0 63.4



#14
Carbon disulfide
Concen: 2.784 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 76 Resp: 26003
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#





#15

Methyl Acetate

Concen: 2.282 ug/L

RT: 2.375 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

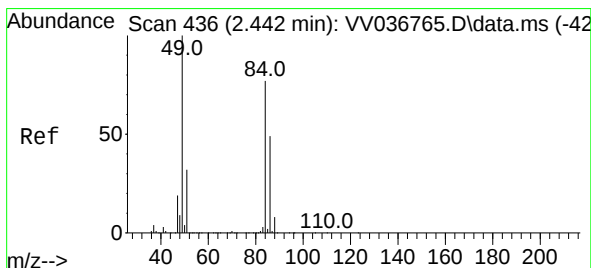
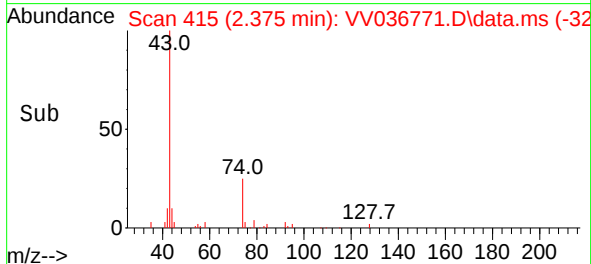
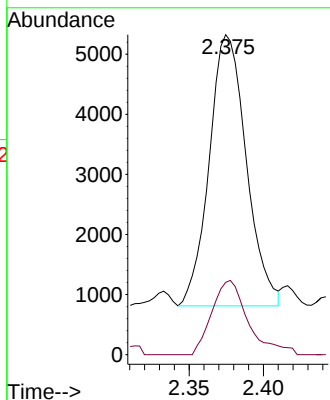
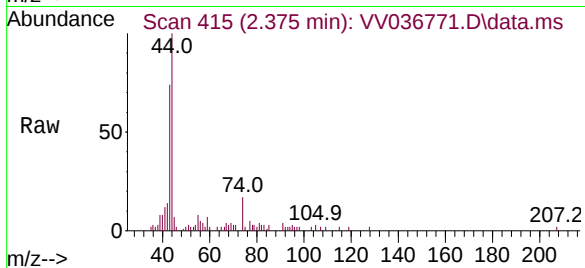
ClientSampleId :

Tgt Ion: 43 Resp: 7835

Ion Ratio Lower Upper

43 100

74 26.5 19.0 28.4



#16

Methylene chloride

Concen: 2.818 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

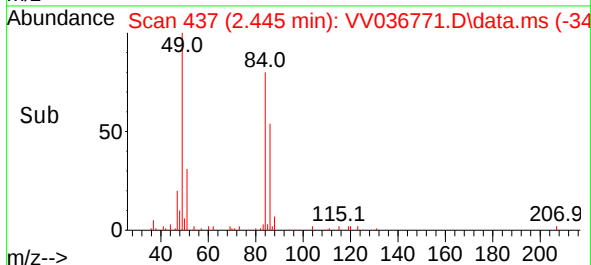
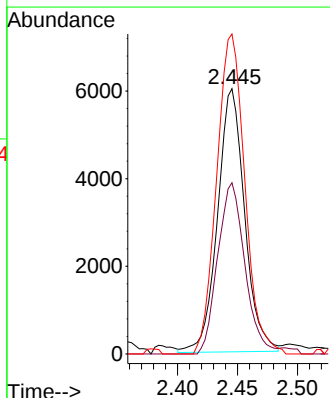
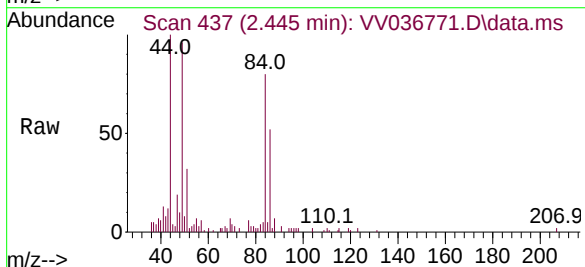
Tgt Ion: 84 Resp: 9418

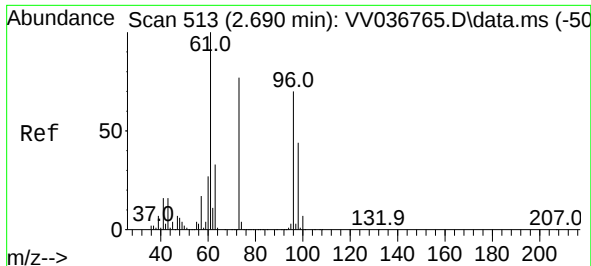
Ion Ratio Lower Upper

84 100

86 64.5 44.3 82.3

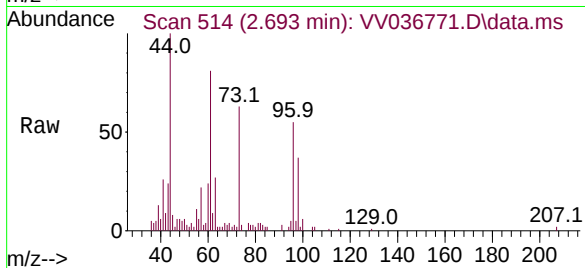
49 120.6 91.1 169.1



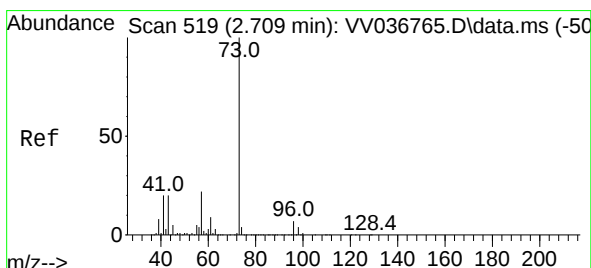
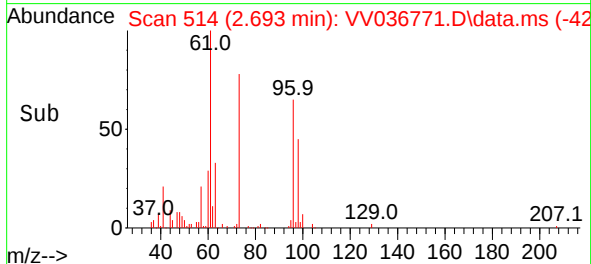
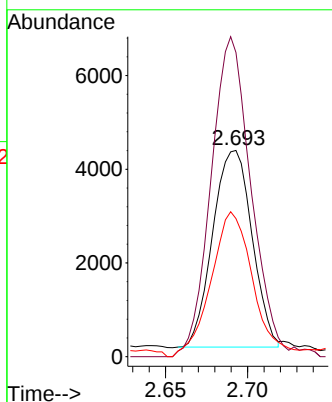


#17
trans-1,2-Dichloroethene
Concen: 2.263 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

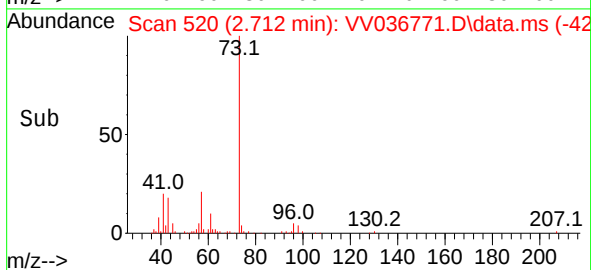
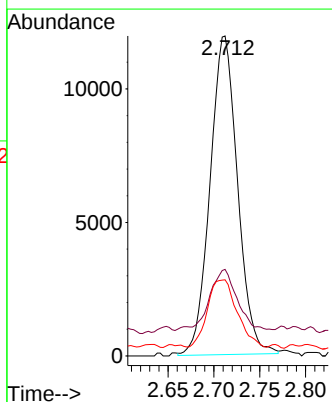
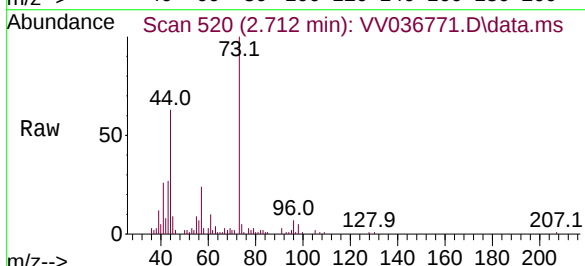


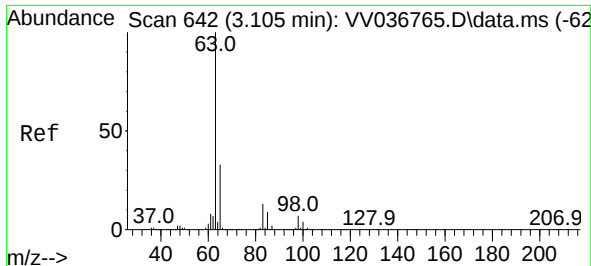
Tgt Ion: 96 Resp: 6970
Ion Ratio Lower Upper
96 100
61 147.4 100.0 185.8
98 67.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 2.300 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

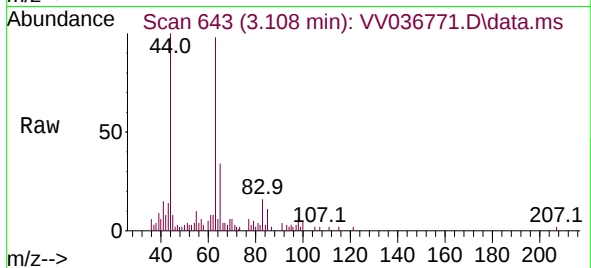
Tgt Ion: 73 Resp: 24941
Ion Ratio Lower Upper
73 100
43 16.6 16.1 24.1
57 22.7 17.9 26.9



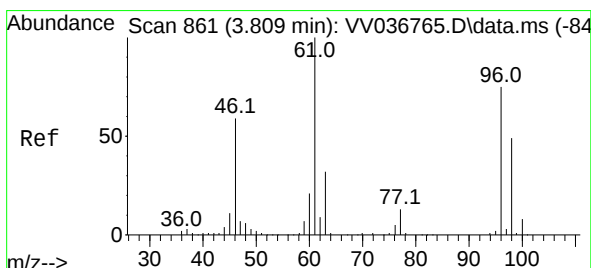
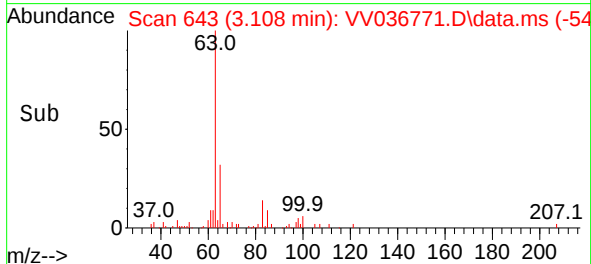
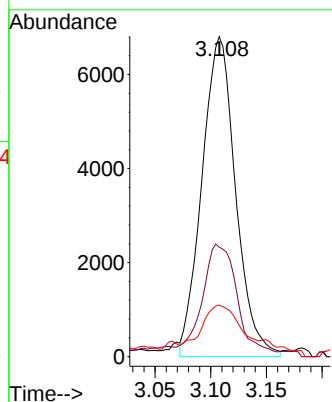


#19
1,1-Dichloroethane
Concen: 2.303 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

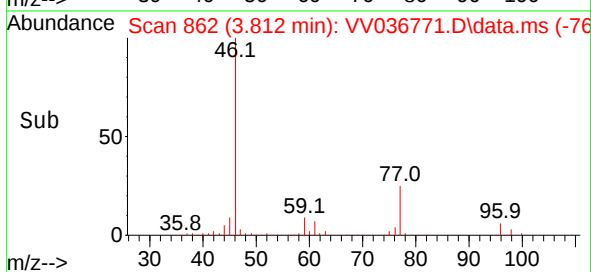
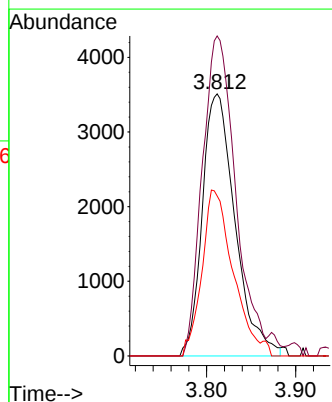
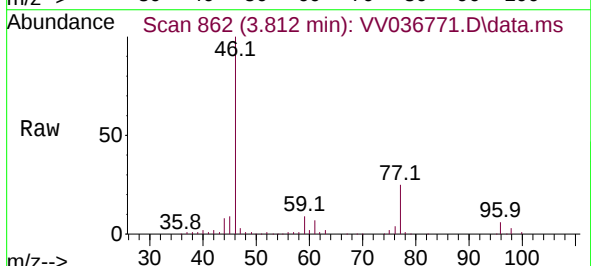


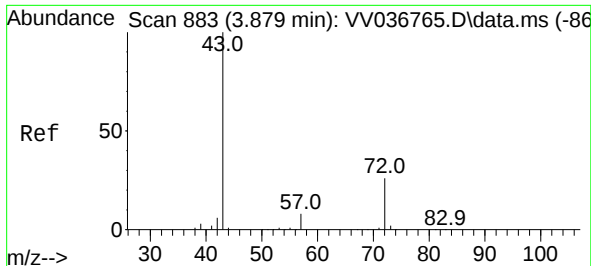
Tgt Ion: 63 Resp: 14329
Ion Ratio Lower Upper
63 100
65 34.3 23.2 43.0
83 16.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 2.483 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 96 Resp: 8976
Ion Ratio Lower Upper
96 100
61 122.1 93.9 174.5
98 61.0 46.0 85.4

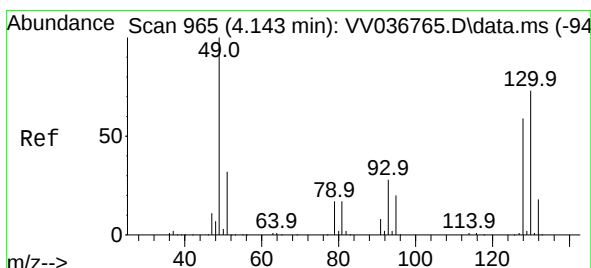
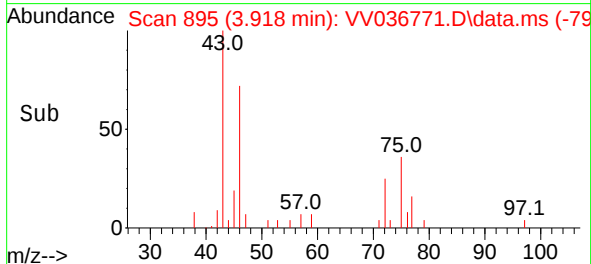
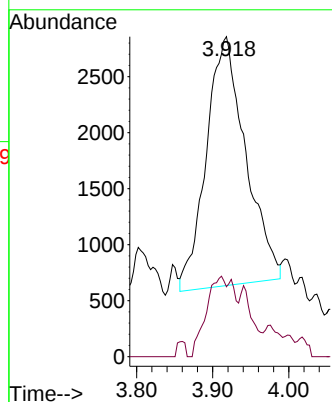
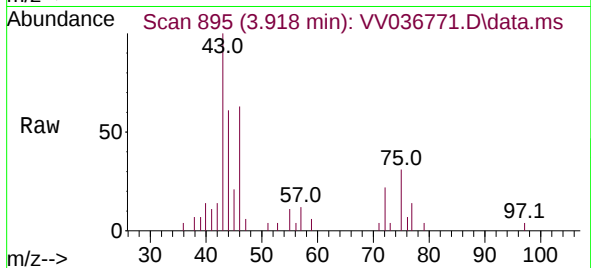




#22
2-Butanone
Concen: 3.583 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.038 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

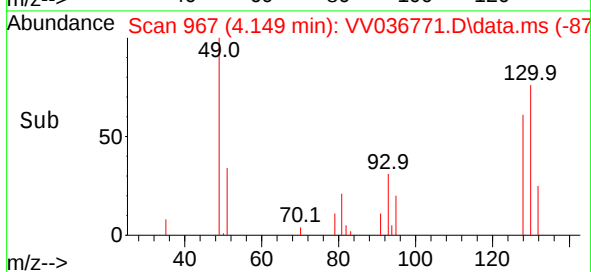
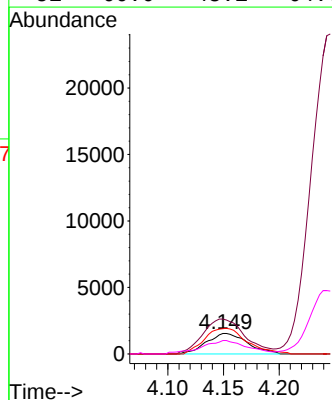
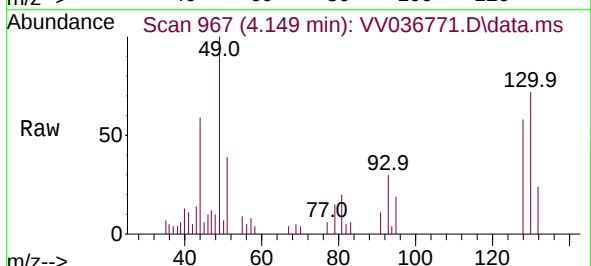
Instrument :
MSVOA_V
ClientSampleId :

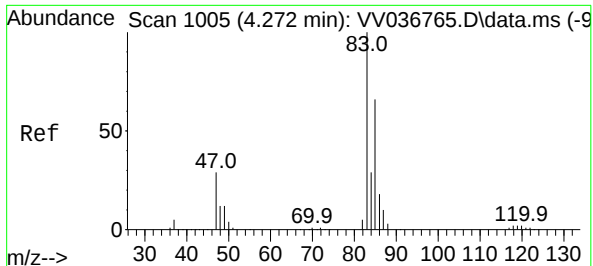
Tgt Ion: 43 Resp: 7999
Ion Ratio Lower Upper
43 100
72 16.3 12.5 37.5



#23
Bromochloromethane
Concen: 2.237 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 128 Resp: 3928
Ion Ratio Lower Upper
128 100
49 171.2 120.0 223.0
130 123.8 87.0 161.6
51 66.0 43.1 64.7#





#25

Chloroform

Concen: 3.869 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

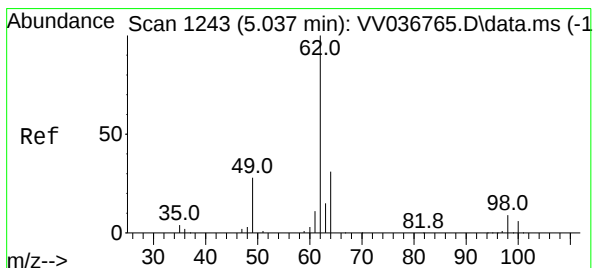
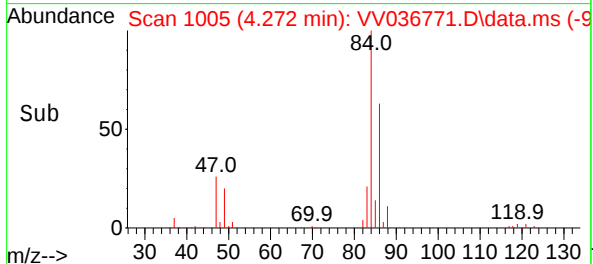
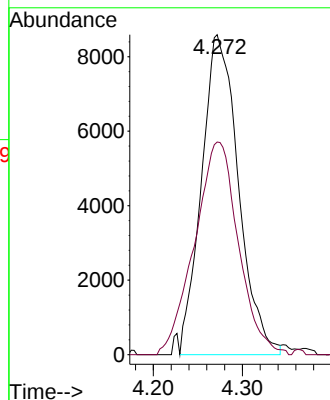
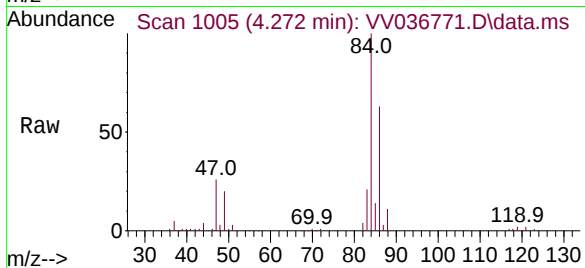
ClientSampleId :

Tgt Ion: 83 Resp: 24724

Ion Ratio Lower Upper

83 100

85 66.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 1.956 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV036771.D

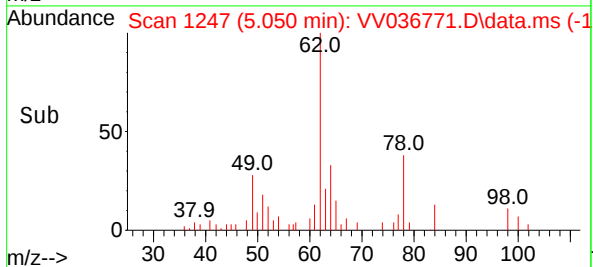
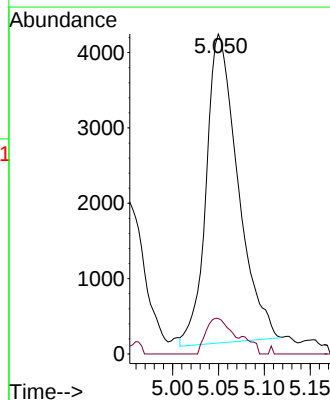
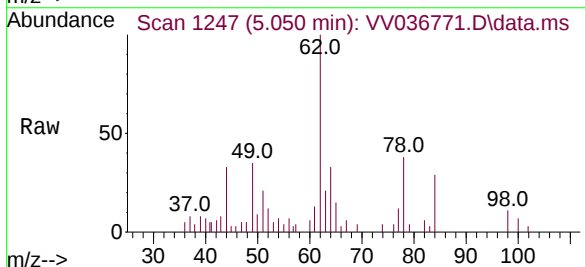
Acq: 02 Aug 2024 19:37

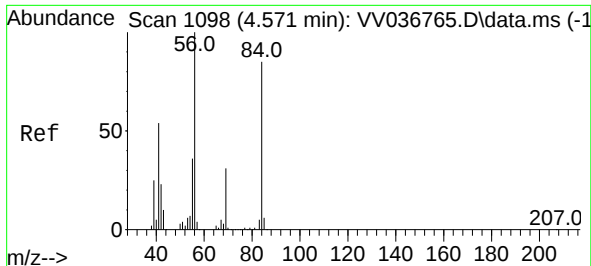
Tgt Ion: 62 Resp: 9860

Ion Ratio Lower Upper

62 100

98 11.1 7.5 11.3





#29

Cyclohexane

Concen: 2.468 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

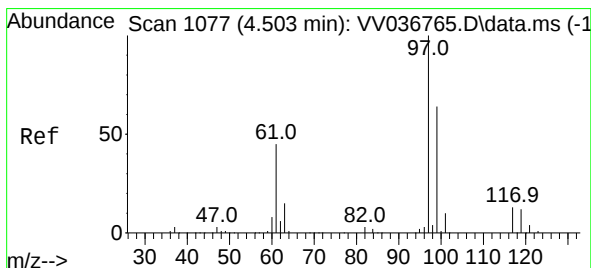
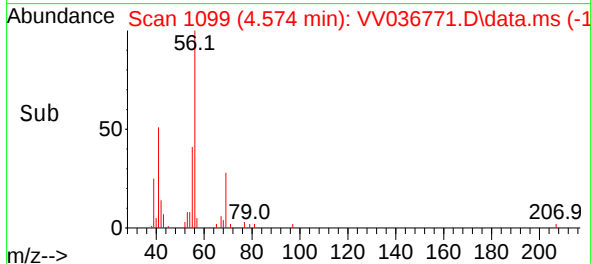
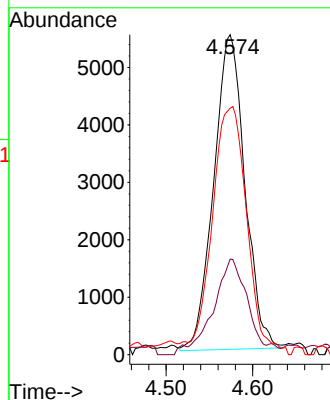
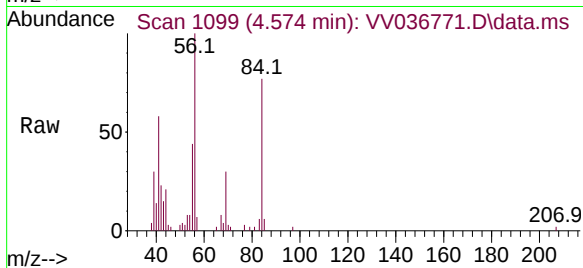
Tgt Ion: 56 Resp: 13694

Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 81.5 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 2.208 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

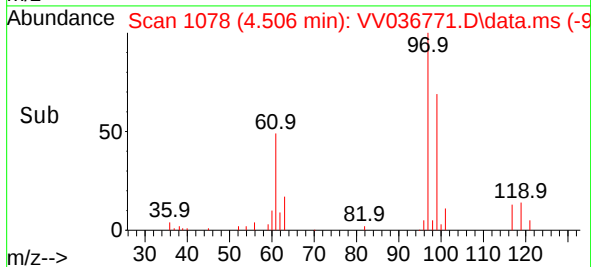
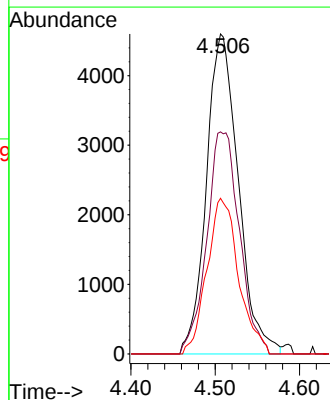
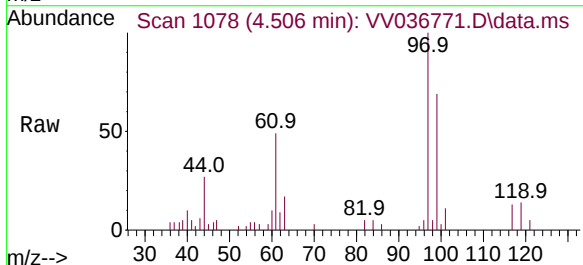
Tgt Ion: 97 Resp: 12115

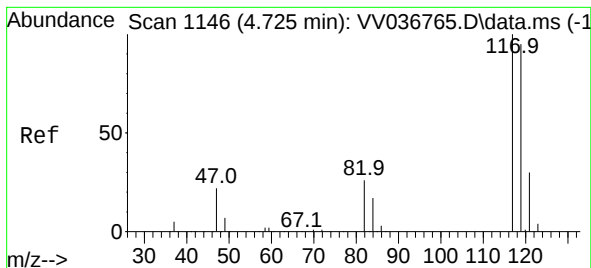
Ion Ratio Lower Upper

97 100

99 70.9 51.5 77.3

61 48.2 36.0 54.0





#31

Carbon tetrachloride

Concen: 2.334 ug/L

RT: 4.731 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

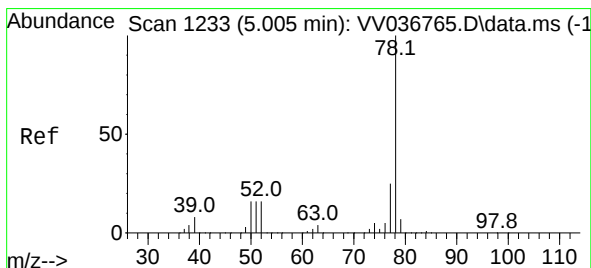
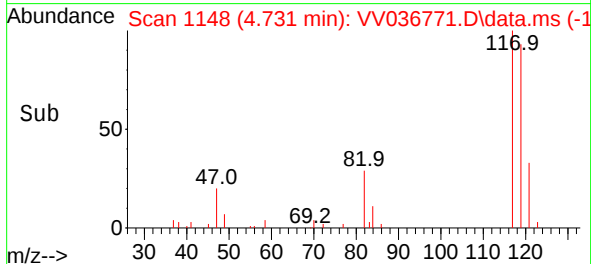
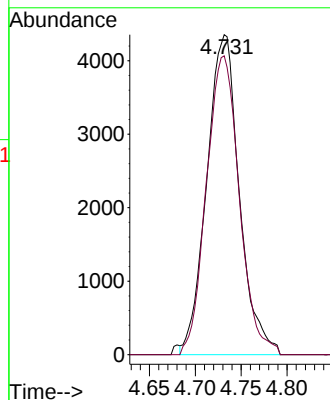
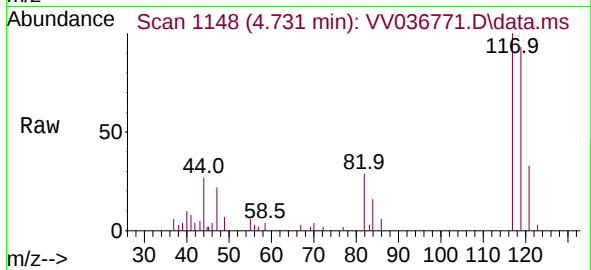
ClientSampleId :

Tgt Ion:117 Resp: 10754

Ion Ratio Lower Upper

117 100

119 94.3 76.1 114.1



#33

Benzene

Concen: 2.289 ug/L

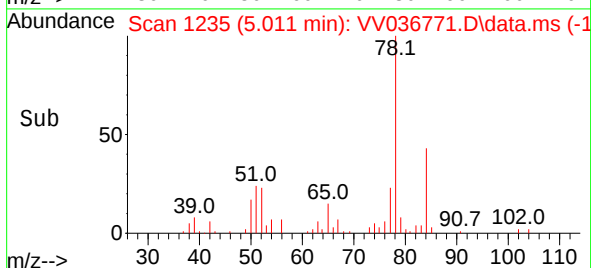
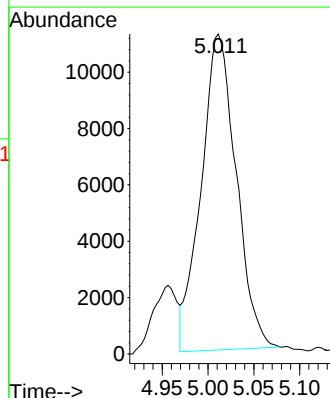
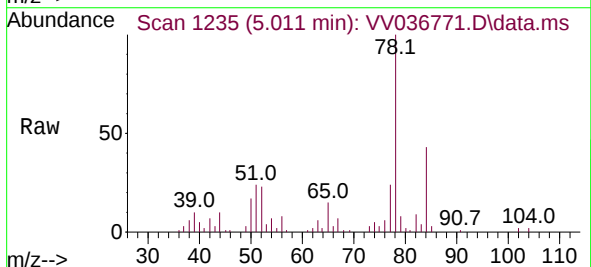
RT: 5.011 min Scan# 1235

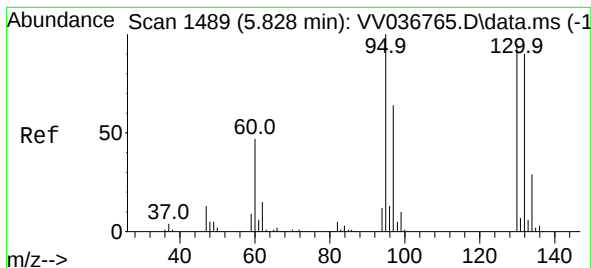
Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Tgt Ion: 78 Resp: 29807





#34

Trichloroethene

Concen: 2.466 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 9307

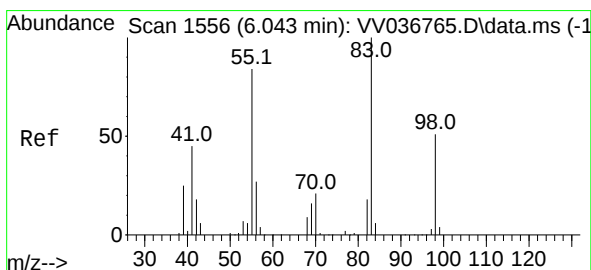
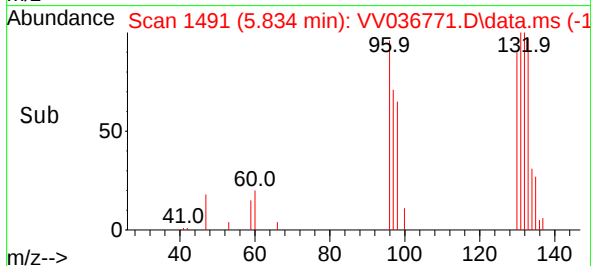
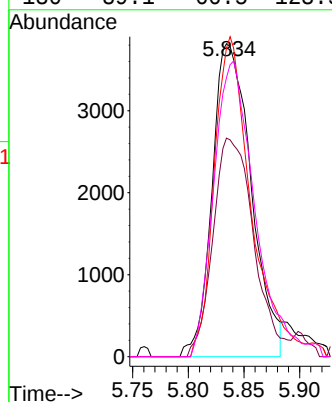
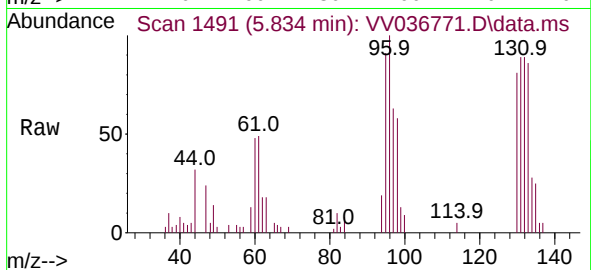
Ion Ratio Lower Upper

95 100

97 69.8 44.7 82.9

132 98.6 62.9 116.9

130 89.1 66.5 123.5



#35

Methylcyclohexane

Concen: 8.708 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

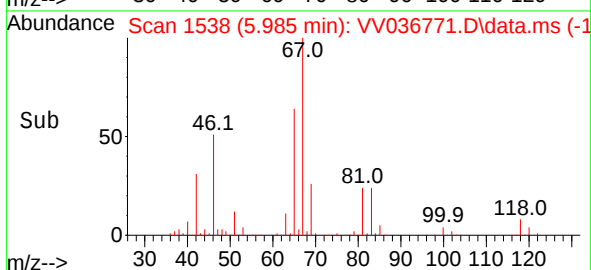
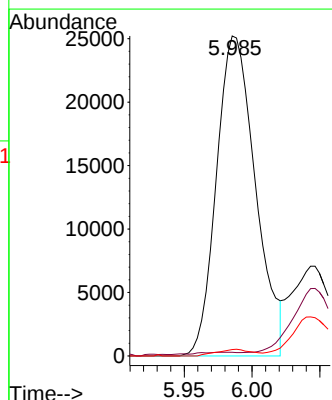
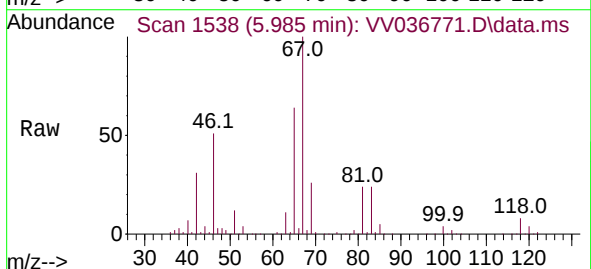
Tgt Ion: 83 Resp: 50436

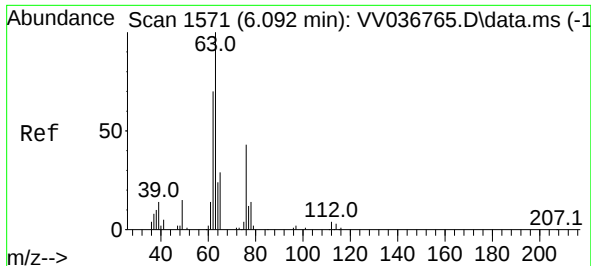
Ion Ratio Lower Upper

83 100

55 0.1 62.3 93.5#

98 1.9 38.7 58.1#

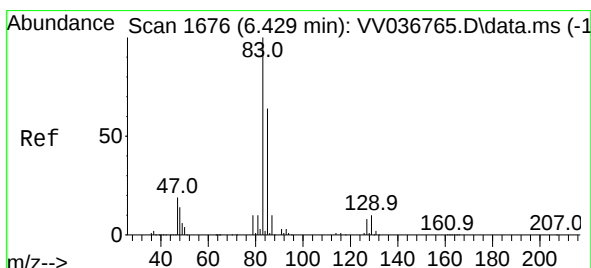
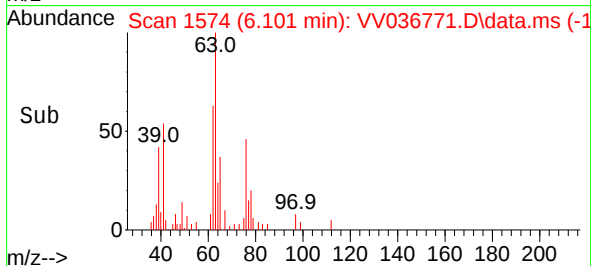
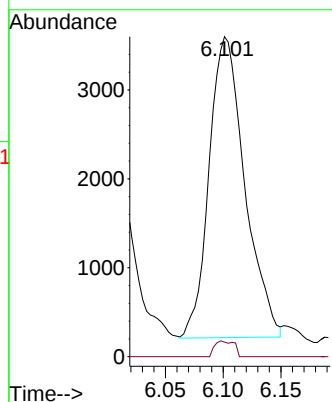
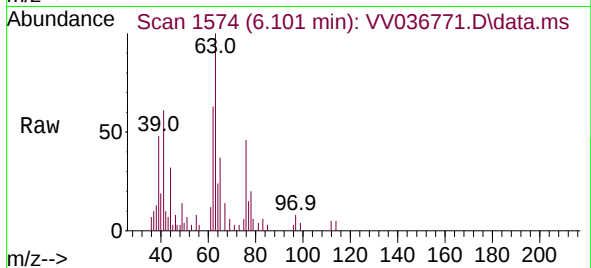




#37
1,2-Dichloropropane
Concen: 2.112 ug/L
RT: 6.101 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

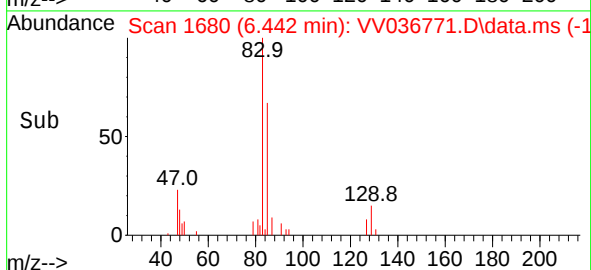
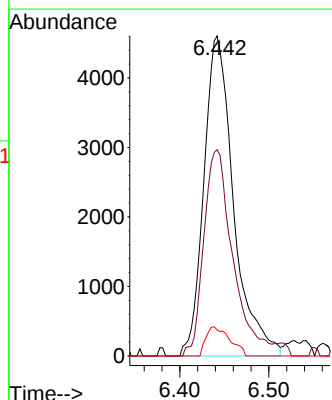
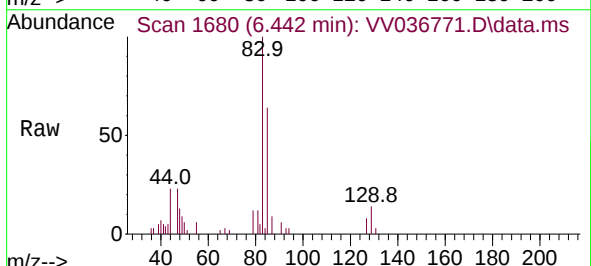
Instrument :
MSVOA_V
ClientSampleId :

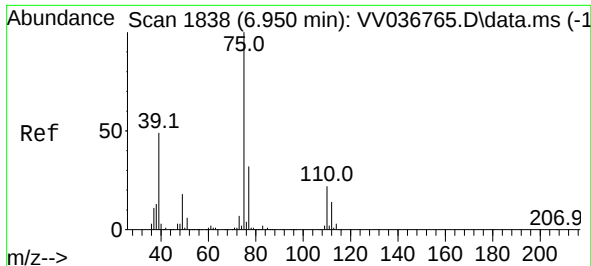
Tgt Ion: 63 Resp: 7287
Ion Ratio Lower Upper
63 100
112 2.0 3.6 5.4#



#38
Bromodichloromethane
Concen: 2.249 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 83 Resp: 10687
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 1.991 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

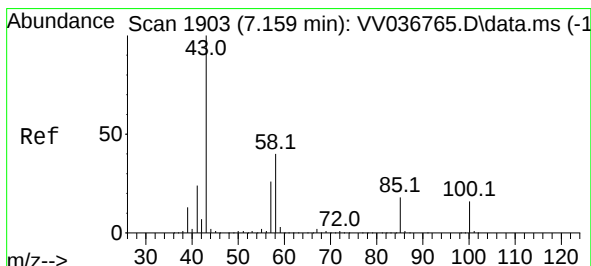
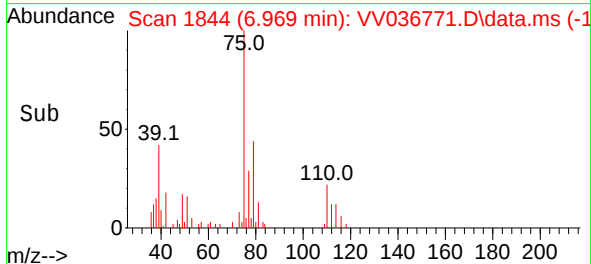
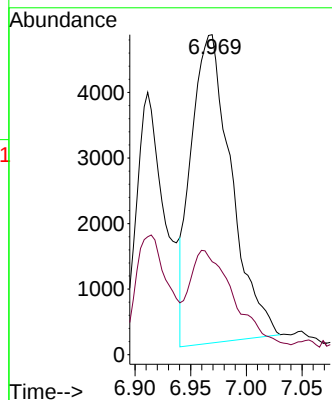
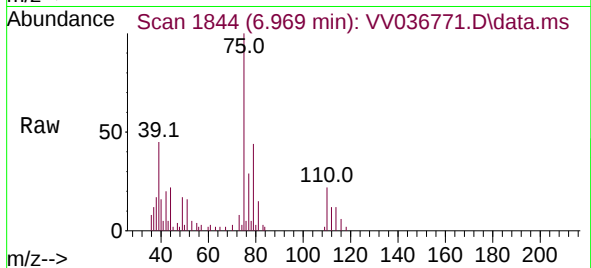
ClientSampleId :

Tgt Ion: 75 Resp: 11762

Ion Ratio Lower Upper

75 100

77 29.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 3.986 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

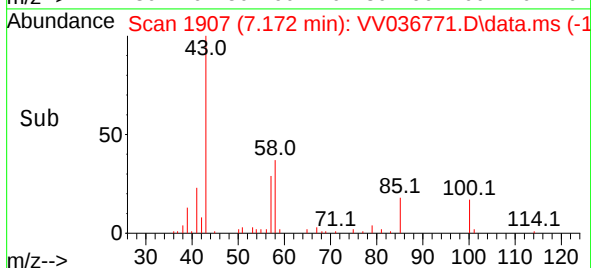
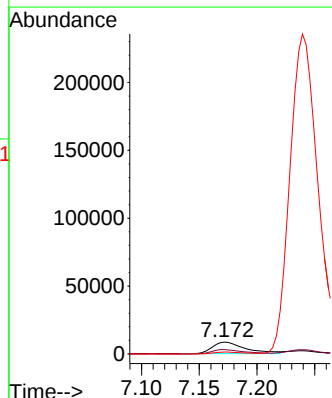
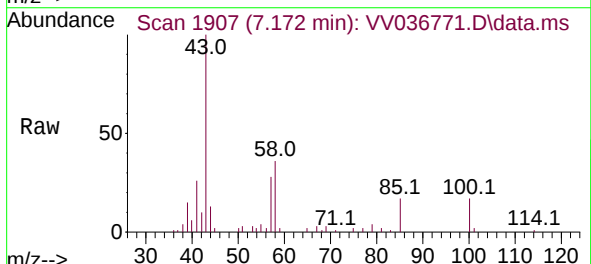
Tgt Ion: 43 Resp: 17037

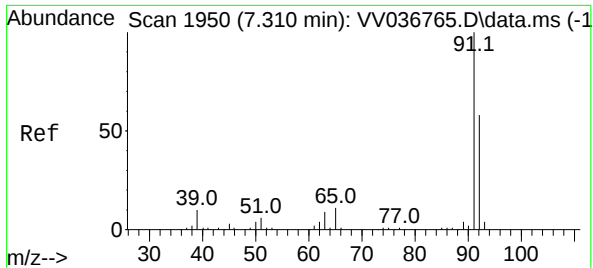
Ion Ratio Lower Upper

43 100

58 37.0 31.3 46.9

100 15.5 12.6 18.8





#42

Toluene

Concen: 2.237 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

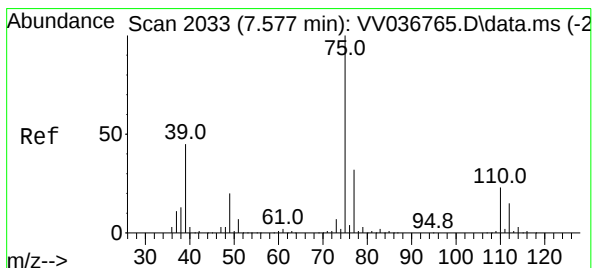
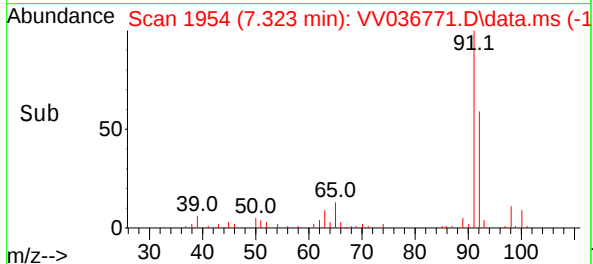
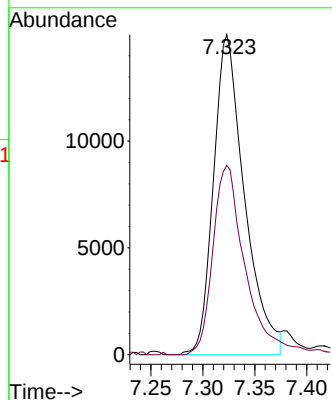
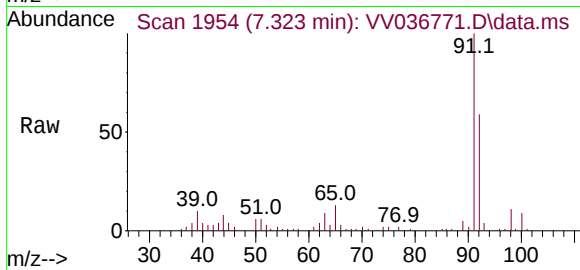
ClientSampleId :

Tgt Ion: 91 Resp: 31036

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 2.349 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV036771.D

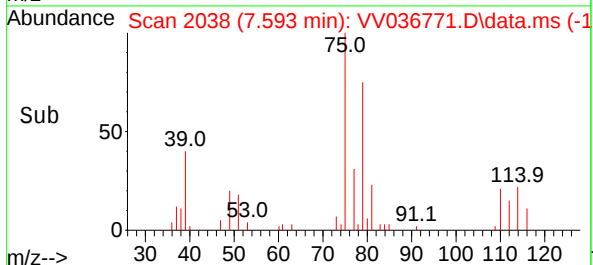
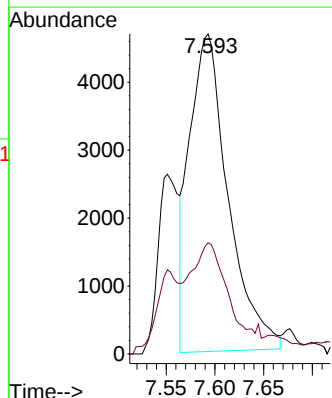
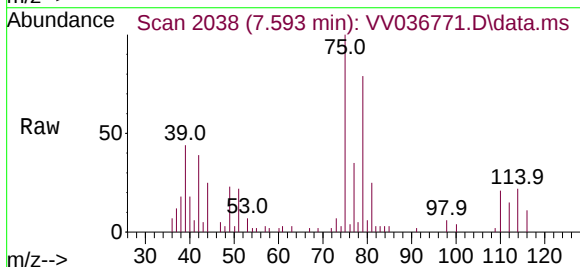
Acq: 02 Aug 2024 19:37

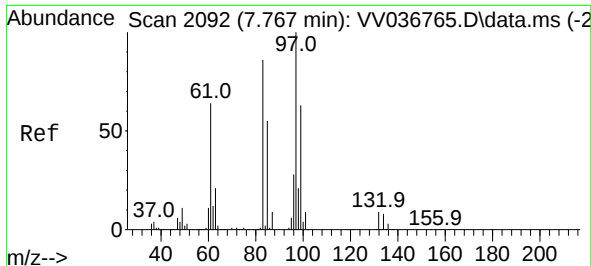
Tgt Ion: 75 Resp: 12934

Ion Ratio Lower Upper

75 100

77 34.8 22.4 41.6

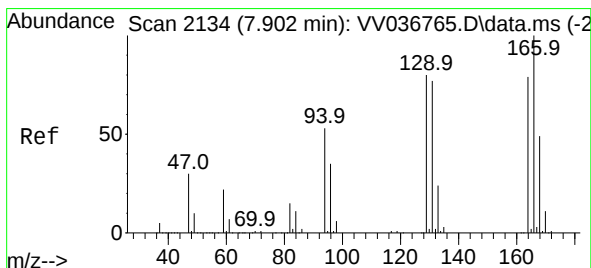
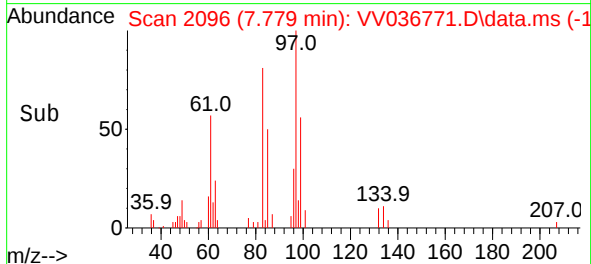
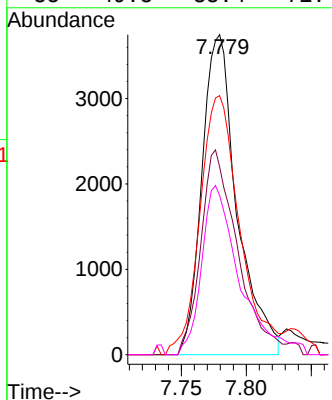
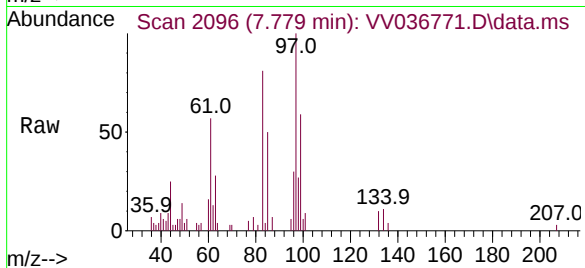




#45
1,1,2-Trichloroethane
Concen: 2.109 ug/L
RT: 7.779 min Scan# 2092
Delta R.T. 0.013 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

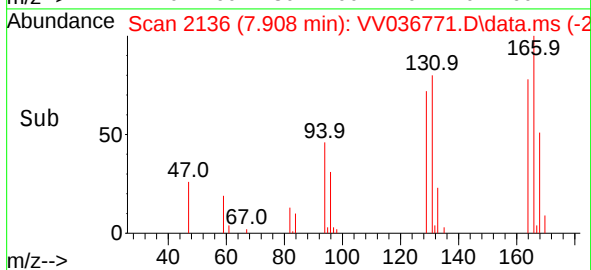
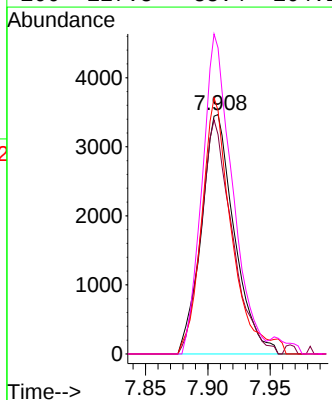
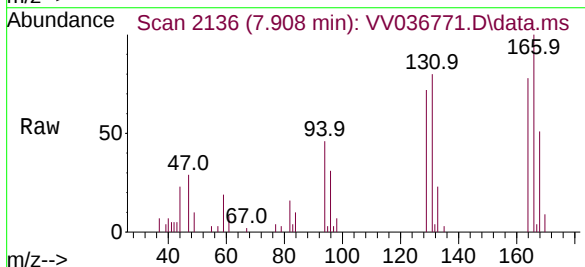
Instrument :
MSVOA_V
ClientSampleId :

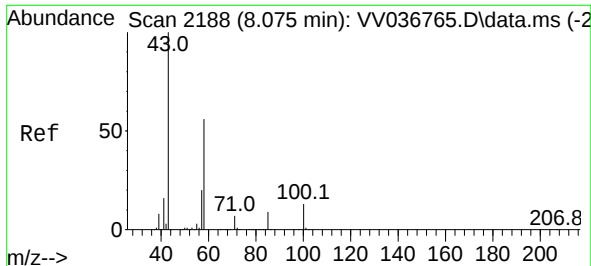
Tgt Ion:	97	Resp:	7047
Ion	Ratio	Lower	Upper
97	100		
99	58.7	44.0	81.6
83	81.0	60.1	111.5
85	49.8	38.4	71.4



#46
Tetrachloroethene
Concen: 2.570 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion:	164	Resp:	6363
Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.4	130.8
131	101.7	67.7	125.7
166	127.8	88.4	164.2





#48

2-Hexanone

Concen: 8.441 ug/L

RT: 8.088 min Scan# 2188

Delta R.T. 0.013 min

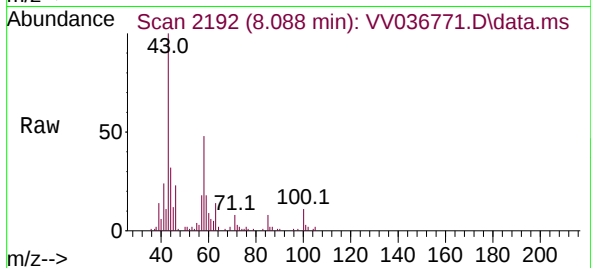
Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 26540

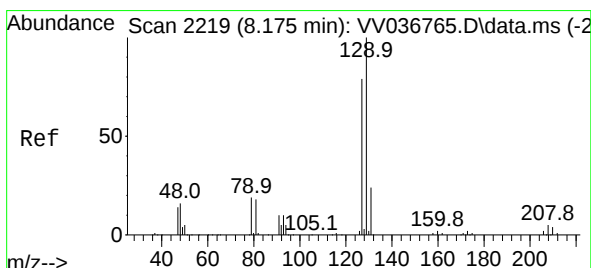
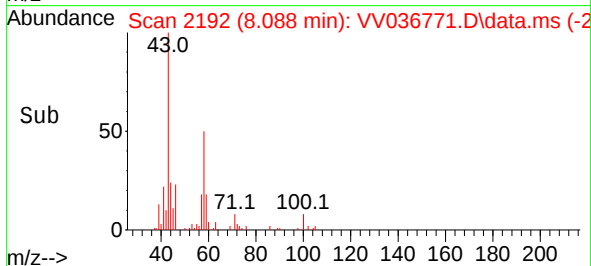
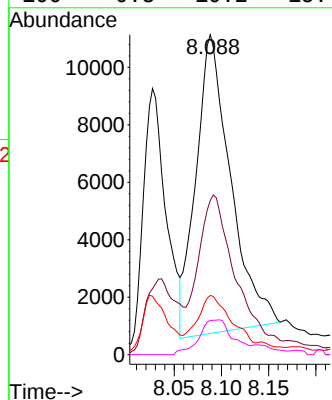
Ion Ratio Lower Upper

43 100

58 48.1 44.7 67.1

57 15.1 15.0 22.4

100 0.3 10.2 15.4#



#49

Dibromochloromethane

Concen: 2.227 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV036771.D

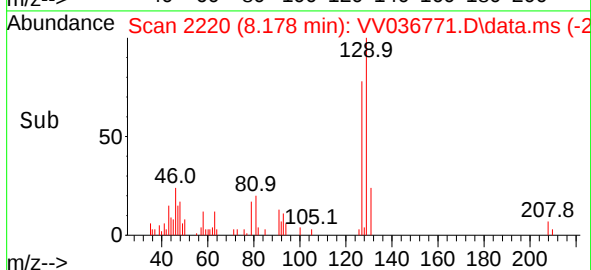
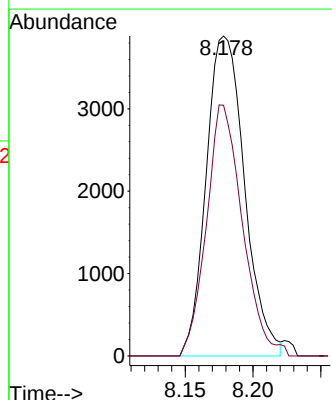
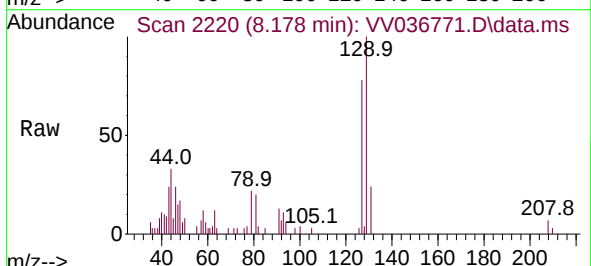
Acq: 02 Aug 2024 19:37

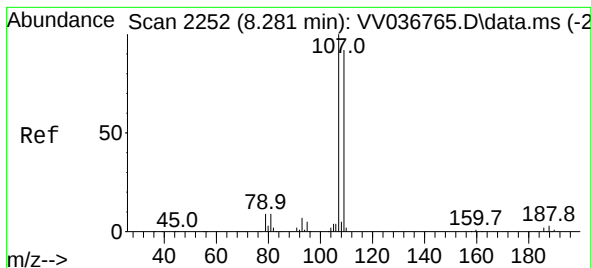
Tgt Ion: 129 Resp: 7646

Ion Ratio Lower Upper

129 100

127 78.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 2.317 ug/L

RT: 8.291 min Scan# 2419

Delta R.T. 0.009 min

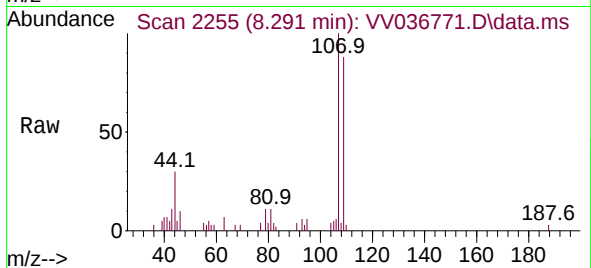
Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

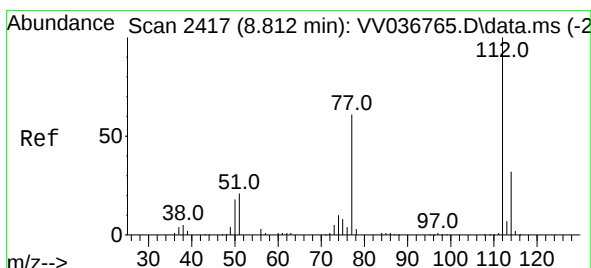
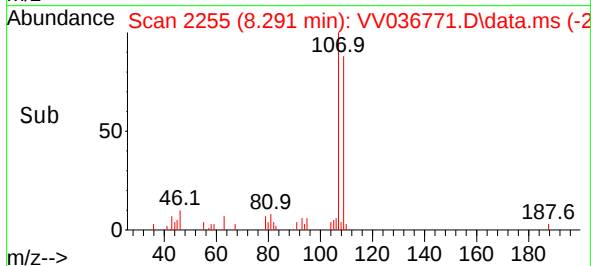
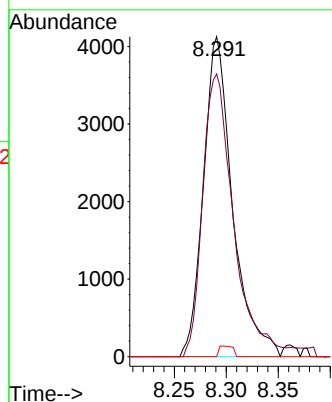
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	8032
Ion Ratio	Lower	Upper	
107	100		
109	88.4	64.7	120.1
188	0.0	2.6	3.8



#51

Chlorobenzene

Concen: 2.348 ug/L

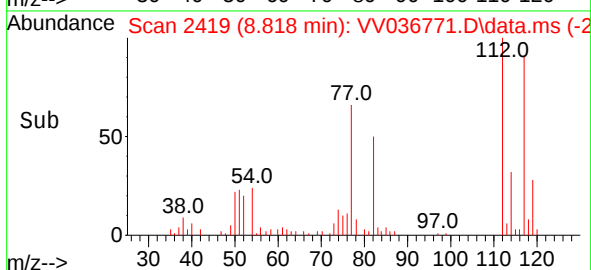
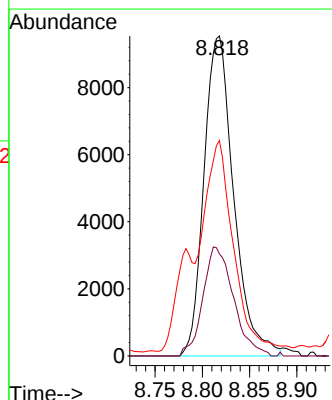
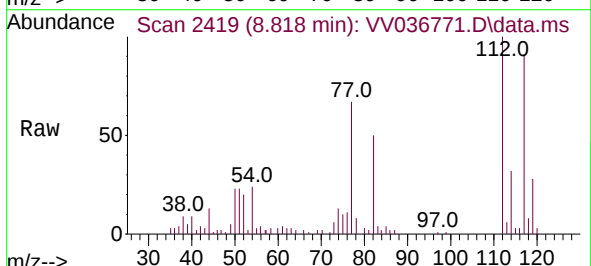
RT: 8.818 min Scan# 2419

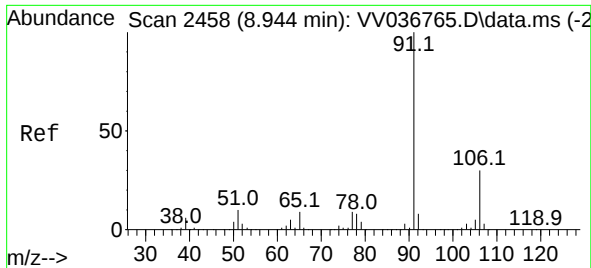
Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Tgt Ion:	112	Resp:	20901
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.3	41.5
77	67.3	48.9	73.3

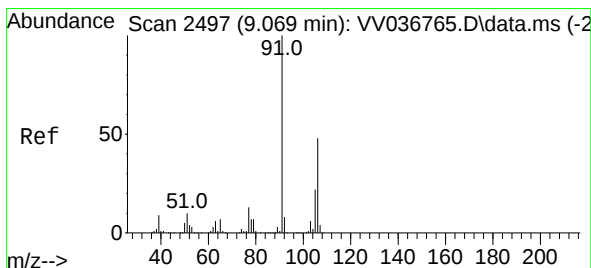
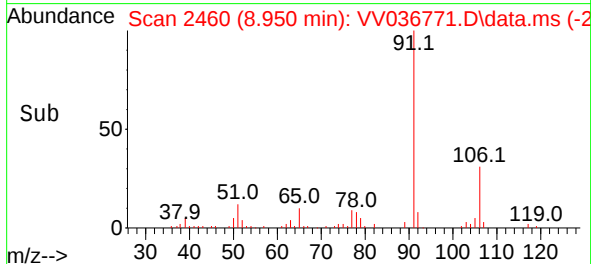
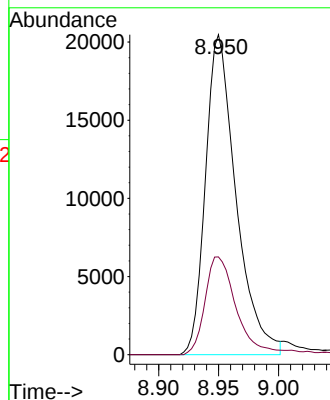
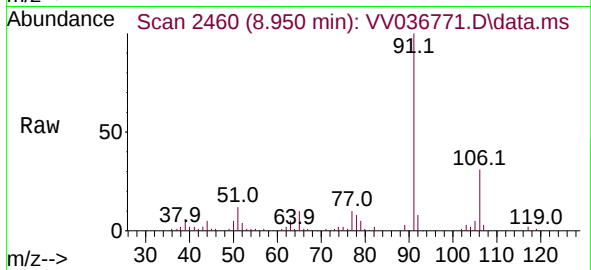




#52
Ethylbenzene
Concen: 2.289 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

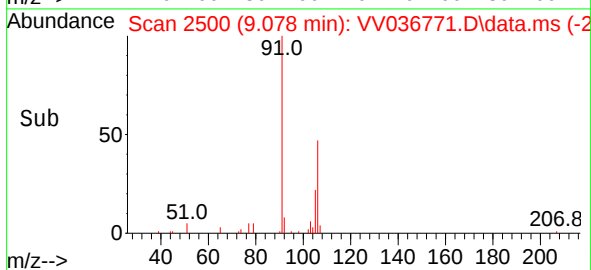
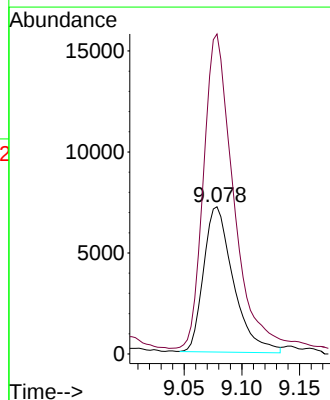
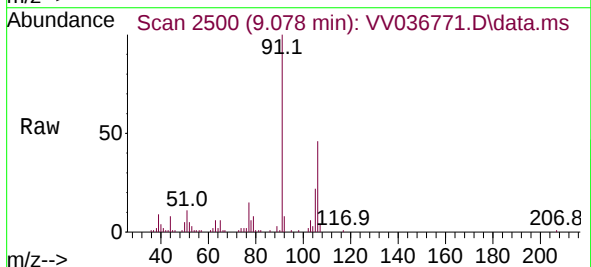
Instrument :
MSVOA_V
ClientSampleId :

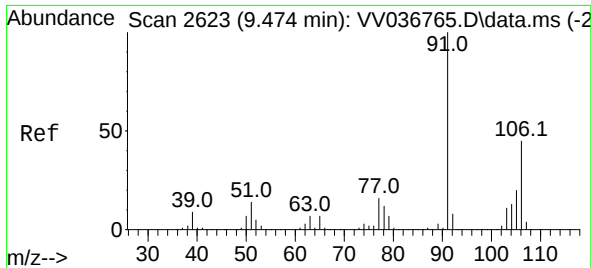
Tgt Ion: 91 Resp: 36253
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#53
m,p-Xylene
Concen: 2.183 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 106 Resp: 12927
Ion Ratio Lower Upper
106 100
91 217.3 147.1 273.3

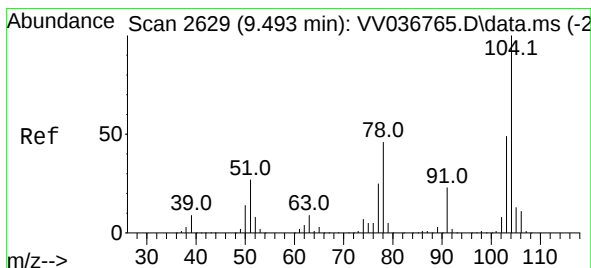
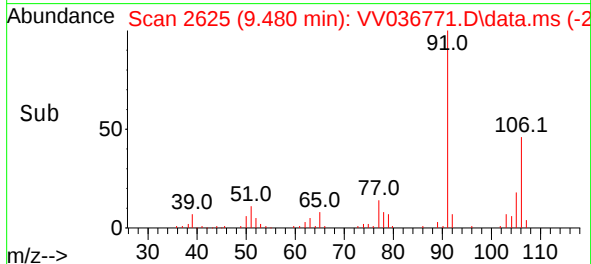
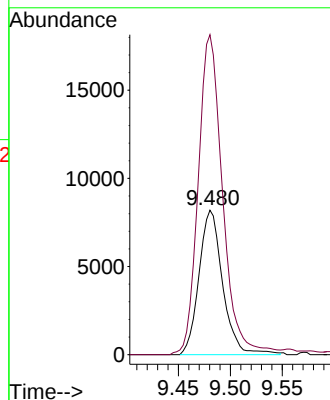
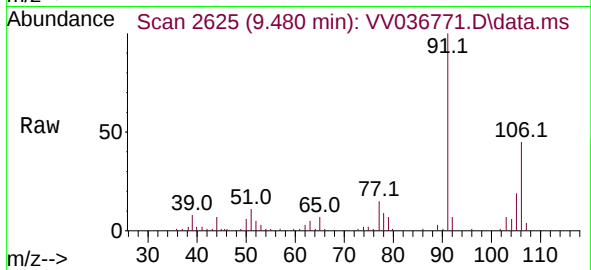




#54
o-Xylene
Concen: 2.245 ug/L
RT: 9.480 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

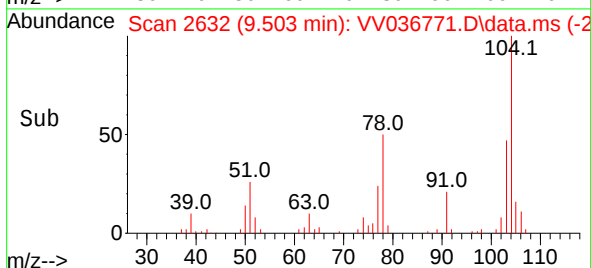
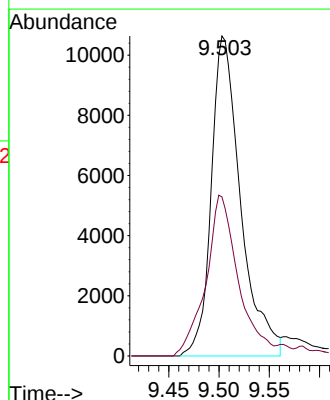
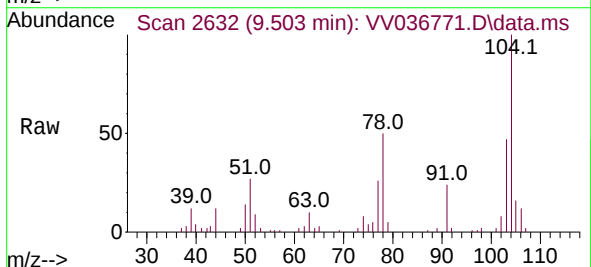
Instrument :
MSVOA_V
ClientSampleId :

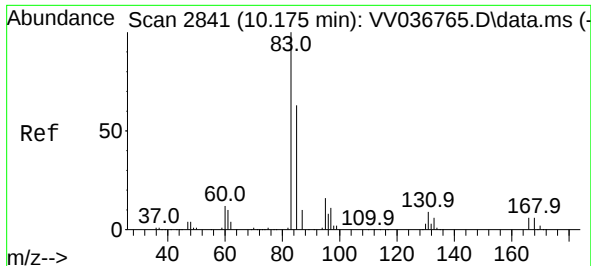
Tgt Ion:106 Resp: 12998
Ion Ratio Lower Upper
106 100
91 221.4 154.5 286.9



#55
Styrene
Concen: 2.177 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.010 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion:104 Resp: 21601
Ion Ratio Lower Upper
104 100
78 49.7 32.1 59.7

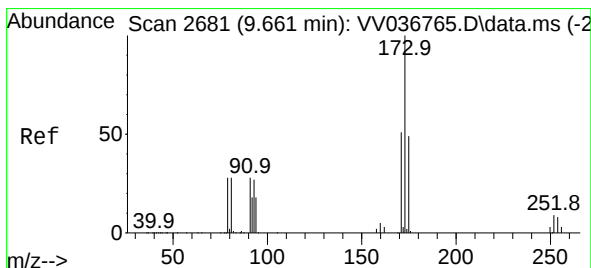
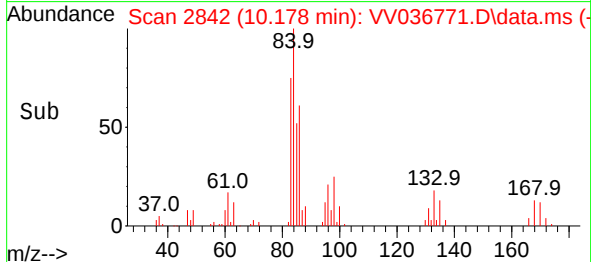
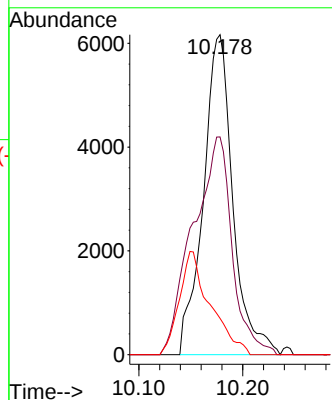
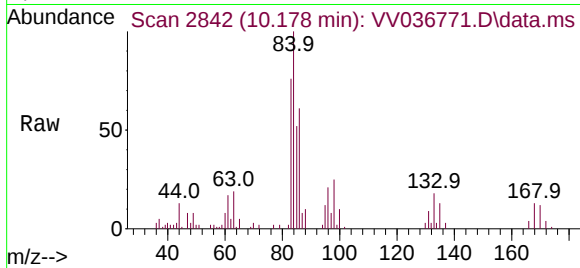




#57
1,1,2,2-Tetrachloroethane
Concen: 2.701 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

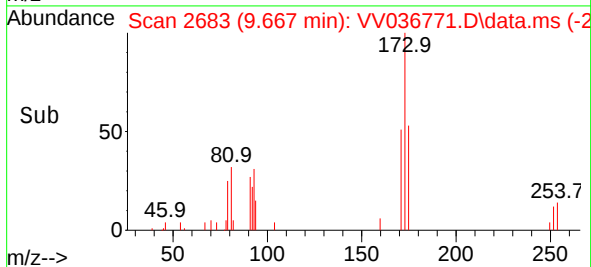
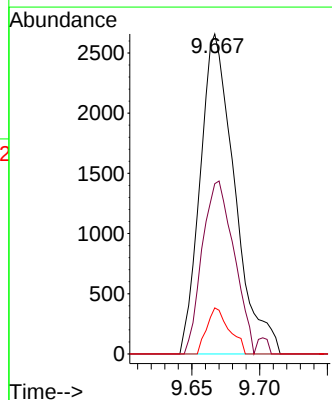
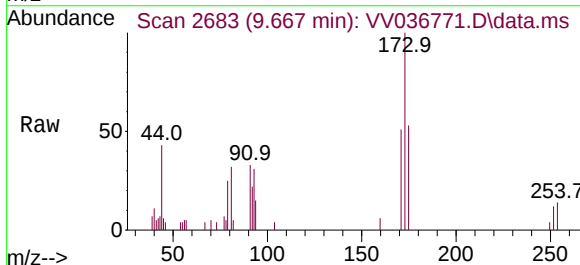
Instrument :
MSVOA_V
ClientSampleId :

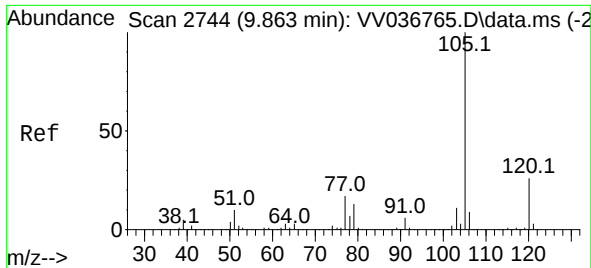
Tgt Ion: 83 Resp: 12176
Ion Ratio Lower Upper
83 100
85 68.1 44.7 83.1
131 11.3 7.2 10.8#



#59
Bromoform
Concen: 2.002 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 173 Resp: 4695
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.8
254 9.4 6.8 10.2

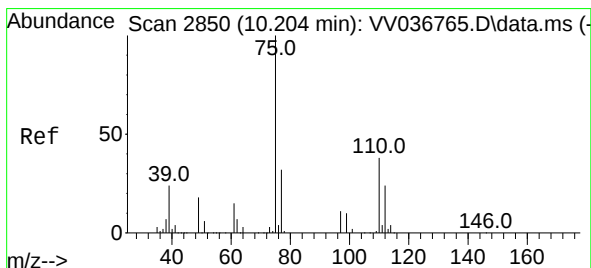
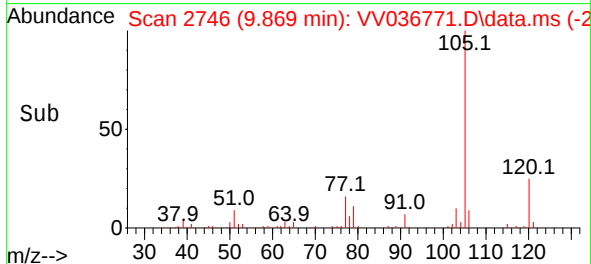
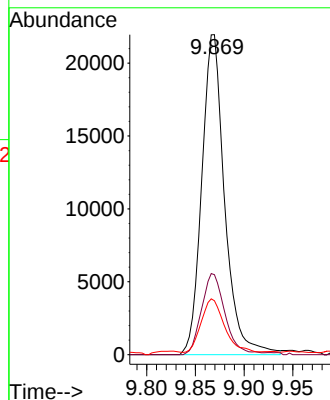
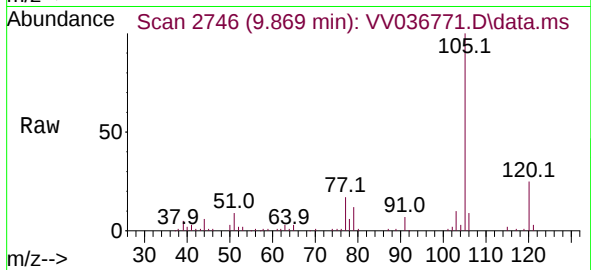




#60
Isopropylbenzene
Concen: 2.326 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

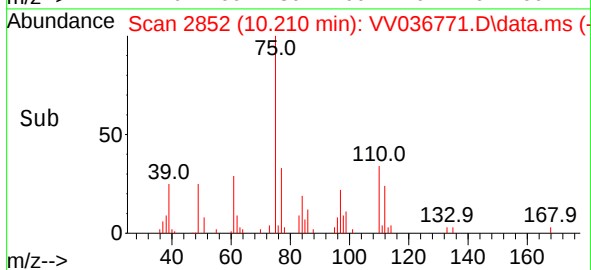
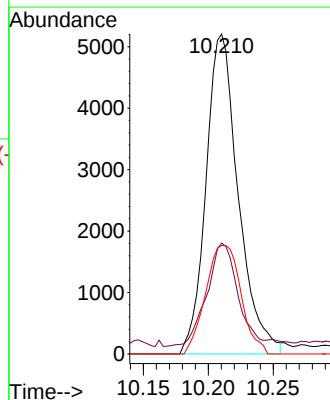
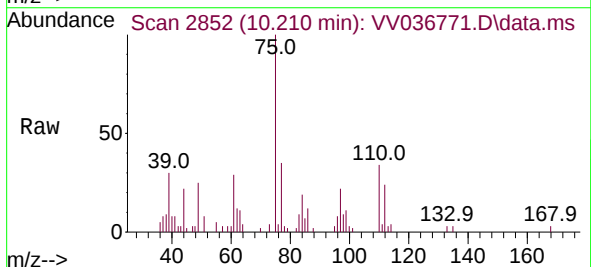
Instrument :
MSVOA_V
ClientSampleId :

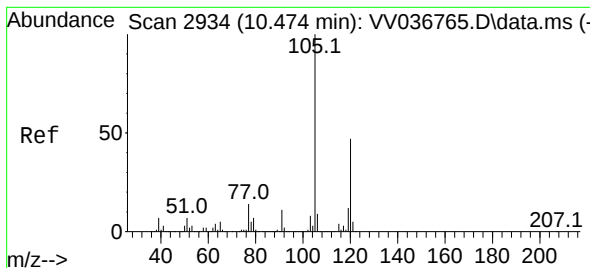
Tgt Ion:105 Resp: 35890
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.8 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 2.357 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 75 Resp: 8992
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2
110 37.0 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 2.283 ug/L

RT: 10.477 min Scan# 29336

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

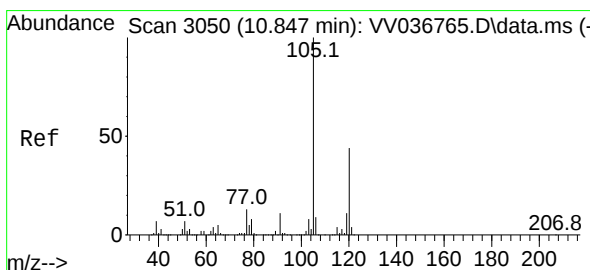
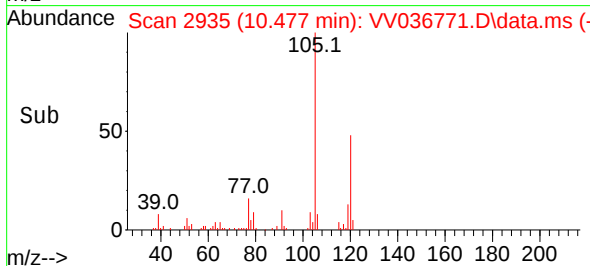
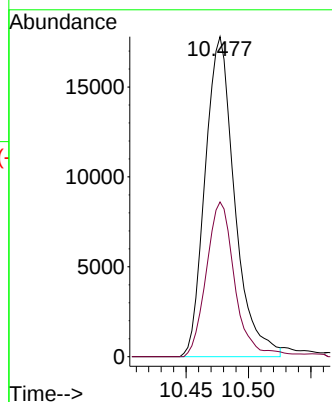
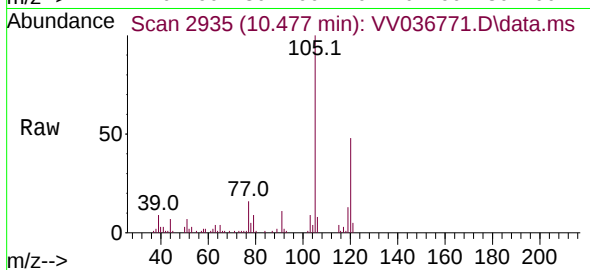
ClientSampleId :

Tgt Ion:105 Resp: 29336

Ion Ratio Lower Upper

105 100

120 45.3 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 2.305 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VV036771.D

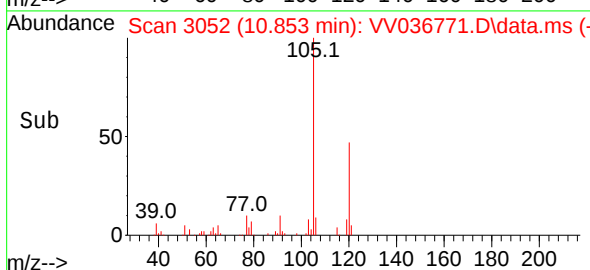
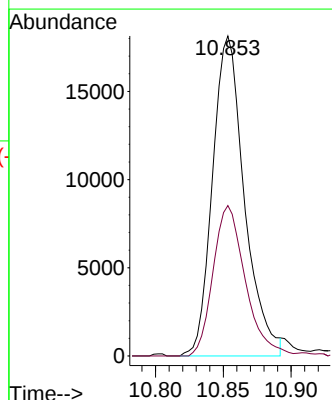
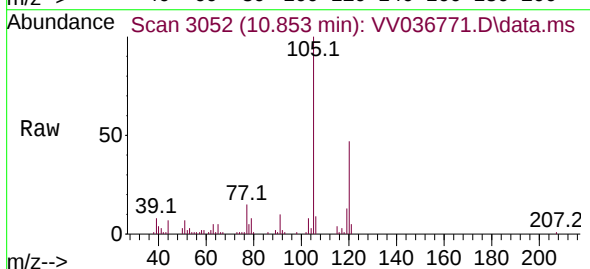
Acq: 02 Aug 2024 19:37

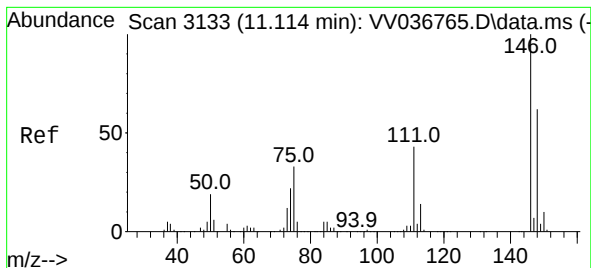
Tgt Ion:105 Resp: 29644

Ion Ratio Lower Upper

105 100

120 47.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 2.543 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

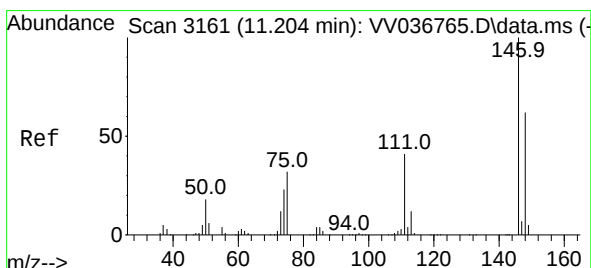
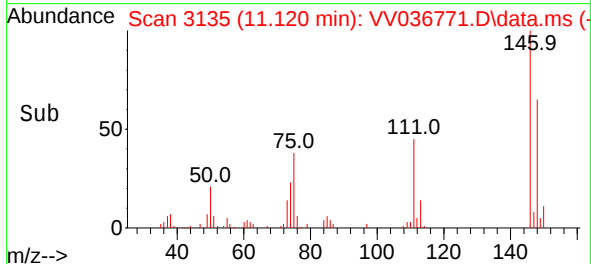
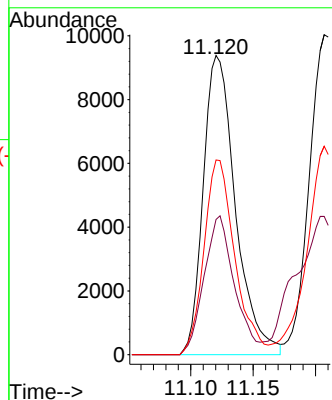
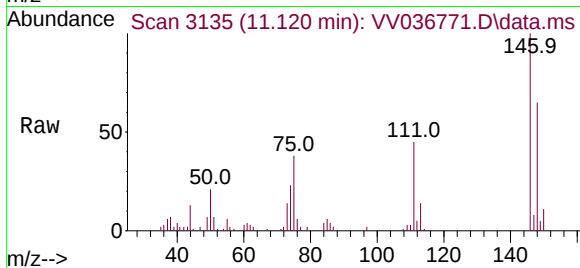
Tgt Ion:146 Resp: 16876

Ion Ratio Lower Upper

146 100

111 45.2 29.8 55.4

148 65.1 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 2.934 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

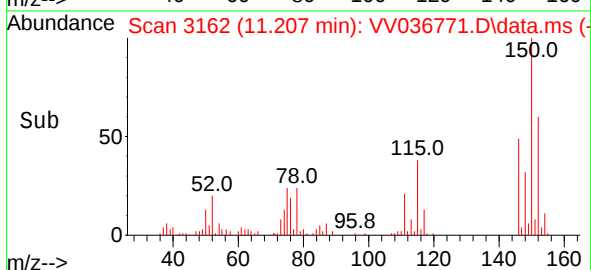
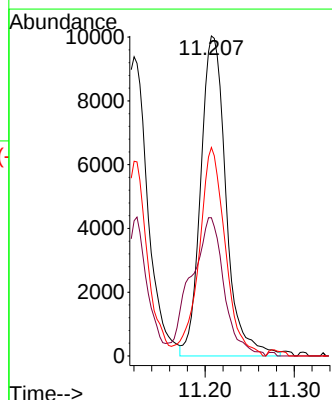
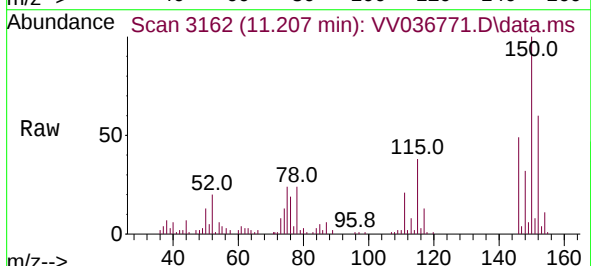
Tgt Ion:146 Resp: 19796

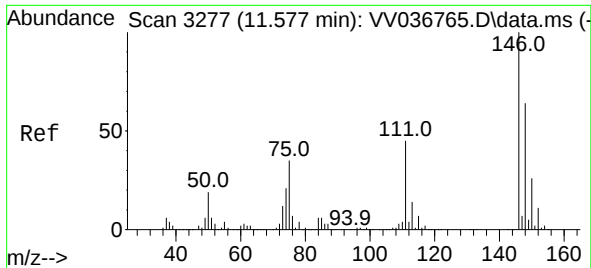
Ion Ratio Lower Upper

146 100

111 43.2 29.0 53.9

148 65.2 43.8 81.4

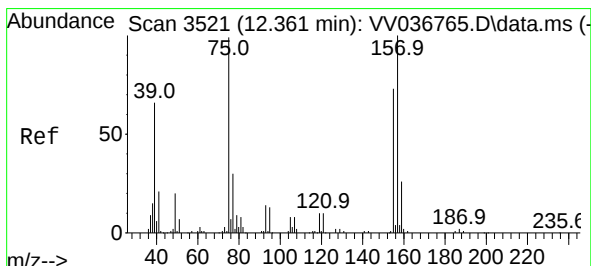
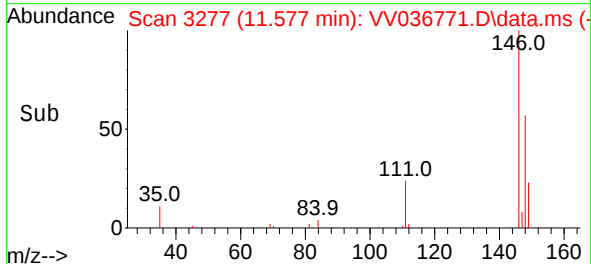
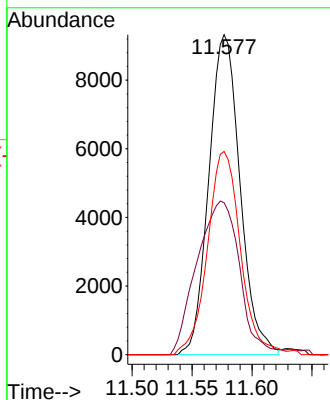
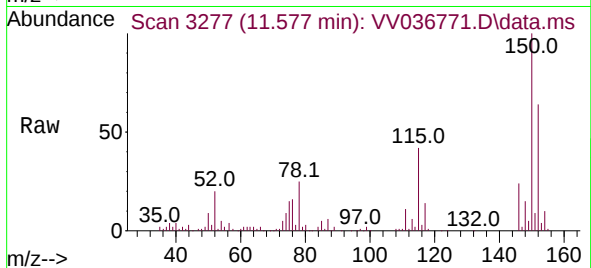




#67
1,2-Dichlorobenzene
Concen: 2.604 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

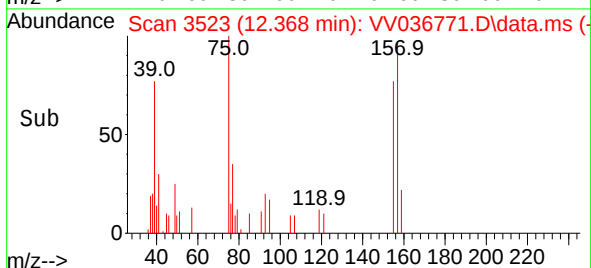
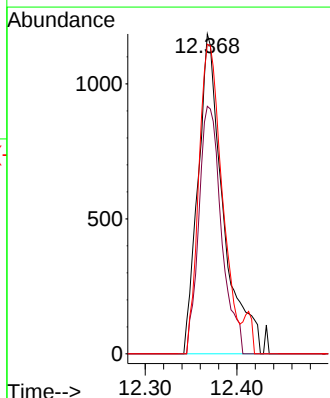
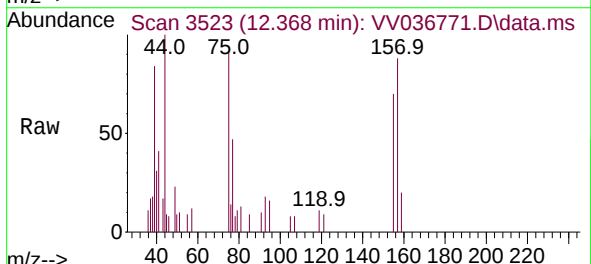
Instrument :
MSVOA_V
ClientSampleId :

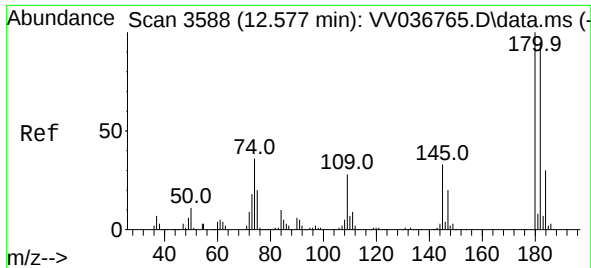
Tgt Ion:146 Resp: 16878
Ion Ratio Lower Upper
146 100
111 47.5 35.7 53.5
148 63.5 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 2.060 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion: 75 Resp: 2272
Ion Ratio Lower Upper
75 100
155 77.4 59.5 89.3
157 96.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 2.518 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

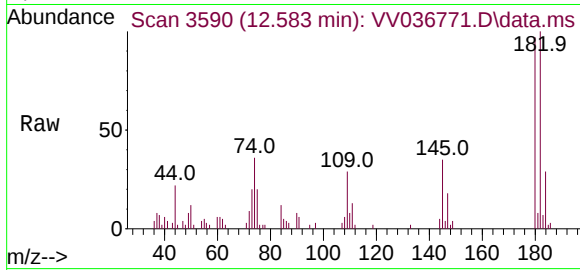
Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 11857

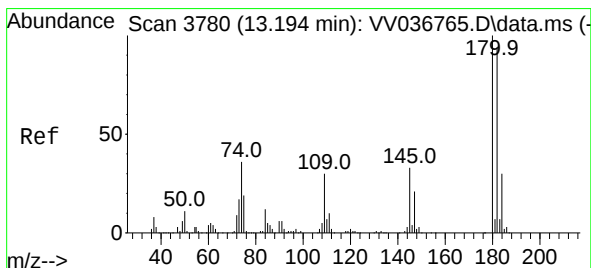
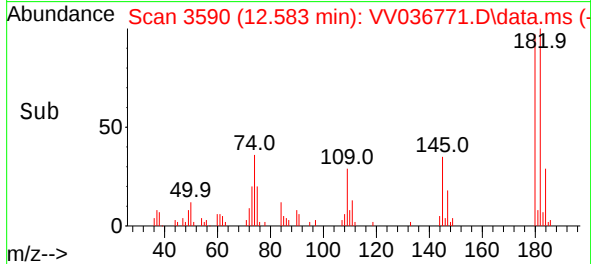
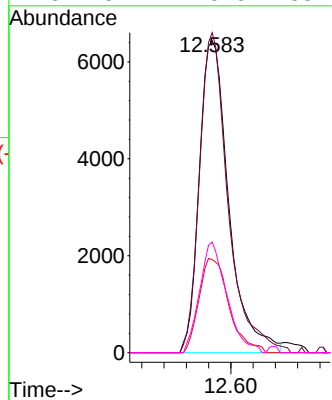
Ion Ratio Lower Upper

180 100

182 99.1 75.0 112.6

184 30.7 23.7 35.5

145 32.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 2.608 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV036771.D

Acq: 02 Aug 2024 19:37

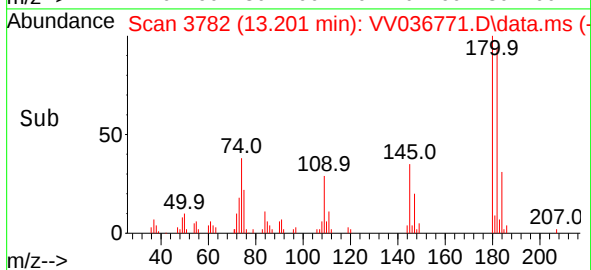
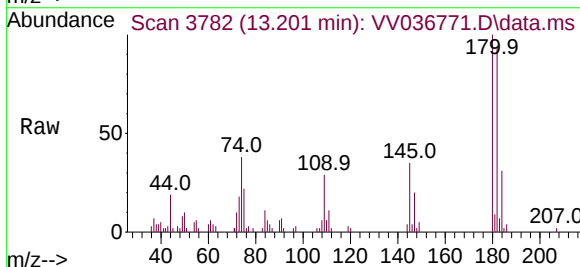
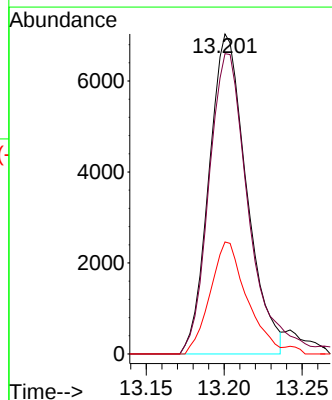
Tgt Ion:180 Resp: 11780

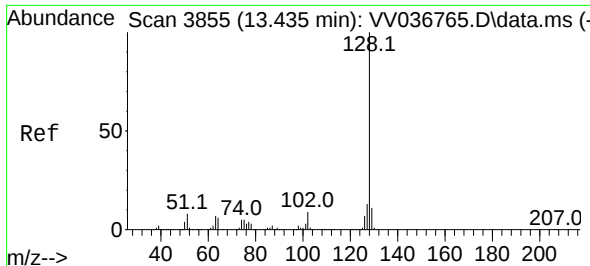
Ion Ratio Lower Upper

180 100

182 99.2 75.1 112.7

145 34.3 26.5 39.7

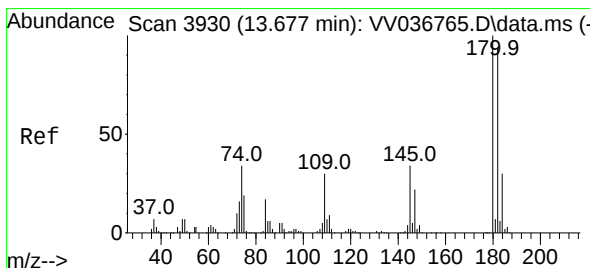
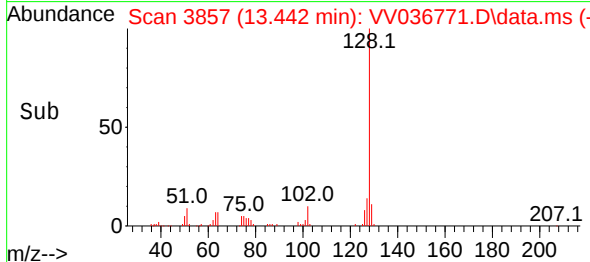
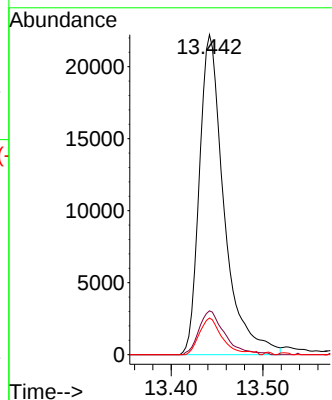
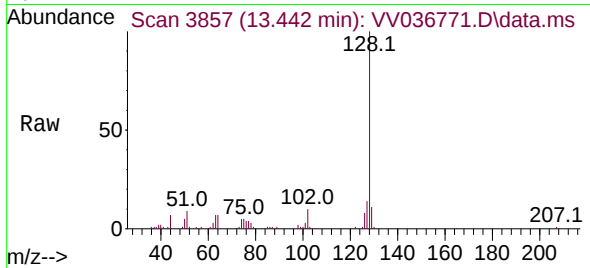




#71
Naphthalene
Concen: 2.876 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 41655
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.590 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV036771.D
Acq: 02 Aug 2024 19:37

Tgt Ion:180 Resp: 11451
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 33.0 27.8 41.6

