

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
 Data File : VU059046.D
 Acq On : 29 May 2024 12:14
 Operator : MD/SY
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:07:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:07:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	189785	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	184762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	76378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	5485	2.962	ug/L	0.00
7) Chloroethane-d5	1.892	69	4377	2.851	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	63	11132	3.813	ug/L	0.00
21) 2-Butanone-d5	4.634	46	9511	7.220	ug/L	0.03
24) Chloroform-d	5.055	84	10421	3.226	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	6423	3.251	ug/L	0.00
32) Benzene-d6	5.721	84	19107	3.254	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.686	67	6811	3.472	ug/L	0.00
41) Toluene-d8	7.894	98	15580	2.984	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2314	2.646	ug/L	0.00
47) 2-Hexanone-d5	8.631	63	4554	5.546	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	10797	3.605	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5424	3.646	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	9873	6.941	ug/L	95
3) Chloromethane	1.515	50	12764	8.275	ug/L	100
5) Vinyl chloride	1.599	62	11421	6.573	ug/L	96
6) Bromomethane	1.827	94	8340	7.311	ug/L	91
8) Chloroethane	1.914	64	7293	6.334	ug/L	98
9) Trichlorofluoromethane	2.126	101	13500	5.977	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	7657	5.141	ug/L	99
12) 1,1-Dichloroethene	2.570	96	6553	5.336	ug/L	89
13) Acetone	2.615	43	16126	12.787	ug/L	98
14) Carbon disulfide	2.782	76	24768	9.263	ug/L	99
15) Methyl Acetate	2.940	43	10512	5.363	ug/L	93
16) Methylene chloride	3.036	84	10876	5.668	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	7426	5.959	ug/L	94
18) Methyl tert-butyl Ether	3.351	73	23236	4.930	ug/L #	86
19) 1,1-Dichloroethane	3.859	63	16623	5.442	ug/L	94
20) cis-1,2-Dichloroethene	4.657	96	8322	5.241	ug/L	91
22) 2-Butanone	4.705	43	13988	8.809	ug/L	100
23) Bromochloromethane	4.962	128	4403	5.336	ug/L	84
25) Chloroform	5.075	83	15323	4.822	ug/L	92
27) 1,2-Dichloroethane	5.788	62	13388	5.402	ug/L	98
29) Cyclohexane	5.380	56	11632	6.617	ug/L	95
30) 1,1,1-Trichloroethane	5.303	97	12176	5.380	ug/L	98
31) Carbon tetrachloride	5.515	117	9994	5.449	ug/L	99
33) Benzene	5.766	78	32948	5.650	ug/L	100
34) Trichloroethene	6.531	95	7808	5.148	ug/L	98
35) Methylcyclohexane	6.753	83	10891	5.771	ug/L	98
37) 1,2-Dichloropropane	6.785	63	9513	5.150	ug/L #	95
38) Bromodichloromethane	7.100	83	11639	5.185	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	12331	4.854	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	22641	8.836	ug/L	95
42) Toluene	7.965	91	31351	5.115	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	10718	4.507	ug/L	96

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 ALS Vial : 4 Sample Multiplier: 1

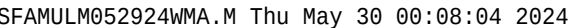
Instrument :
 MSVOA_U
 ClientSampleId :

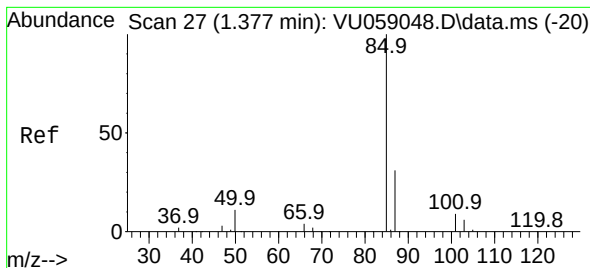
Quant Time: May 30 00:07:53 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:07:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	8647	4.847	ug/L	95
46) Tetrachloroethene	8.547	164	5488	5.437	ug/L	80
48) 2-Hexanone	8.679	43	19546	9.224	ug/L	95
49) Dibromochloromethane	8.804	129	7358	4.352	ug/L	83
50) 1,2-Dibromoethane	8.917	107	9033	5.247	ug/L	87
51) Chlorobenzene	9.441	112	20596	5.189	ug/L	94
52) Ethylbenzene	9.566	91	30256	4.594	ug/L	92
53) m,p-Xylene	9.689	106	10965	4.610	ug/L	98
54) o-Xylene	10.094	106	10749	4.545	ug/L	92
55) Styrene	10.113	104	15677	3.764	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	14176	4.436	ug/L	99
59) Bromoform	10.283	173	5257	5.187	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	12460	6.298	ug/L	98
61) Isopropylbenzene	10.480	105	26200	5.214	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	17688	4.558	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	17791	4.453	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	12858	5.031	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	13592	5.269	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	13151	5.015	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.988	75	2661	5.015	ug/L	89
69) 1,3,5-Trichlorobenzene	13.219	180	8286	4.650	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	6062	4.003	ug/L	97
71) Naphthalene	14.090	128	18420	4.181	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	6003	3.882	ug/L	97

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

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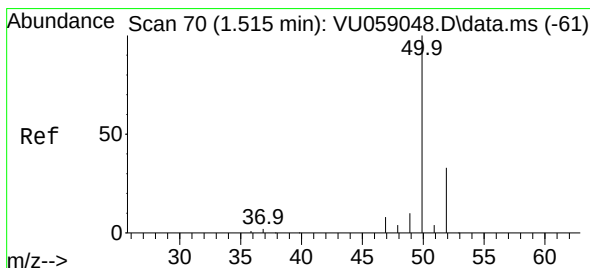
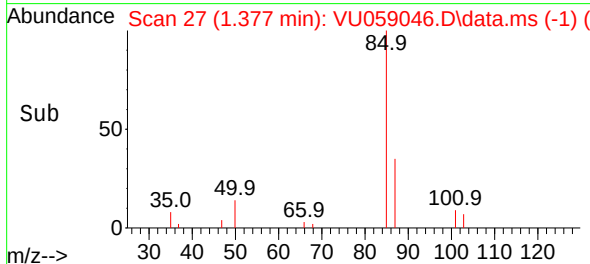
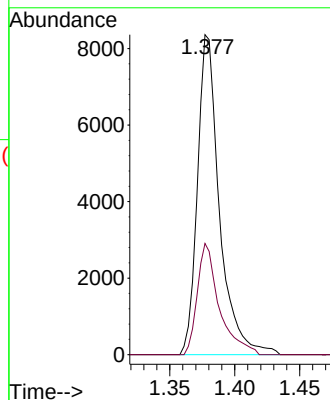
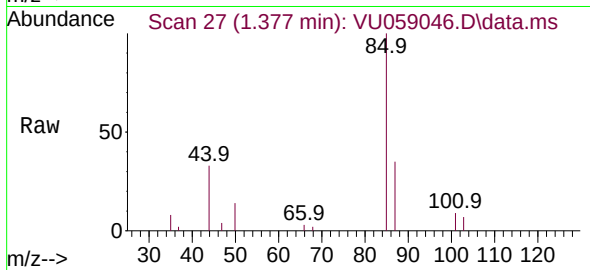




#2
 Dichlorodifluoromethane
 Concen: 6.941 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

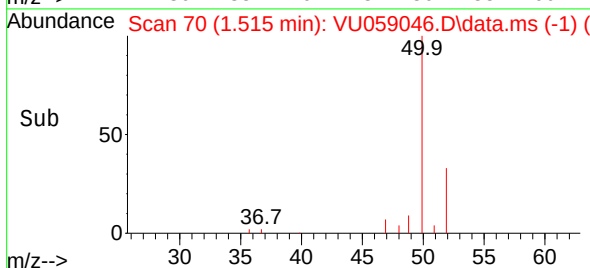
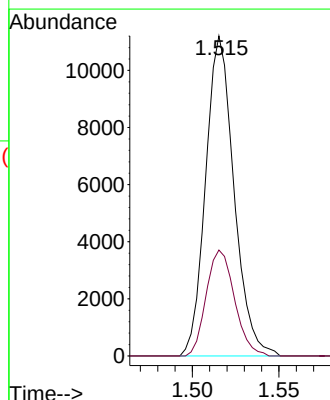
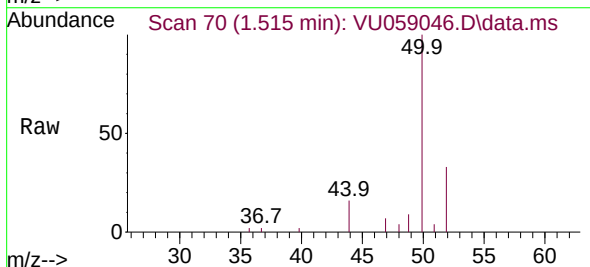
Instrument :
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 ClientSampleId :

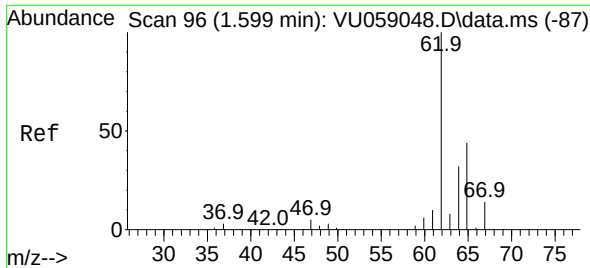
Tgt Ion: 85 Resp: 9873
 Ion Ratio Lower Upper
 85 100
 87 34.7 25.4 38.2



#3
 Chloromethane
 Concen: 8.275 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

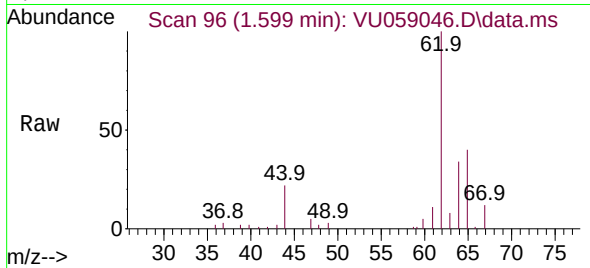
Tgt Ion: 50 Resp: 12764
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2



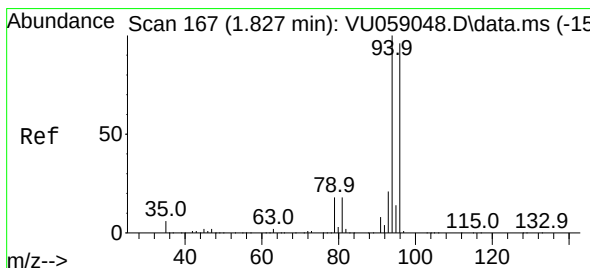
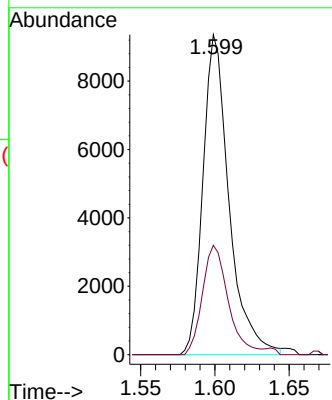
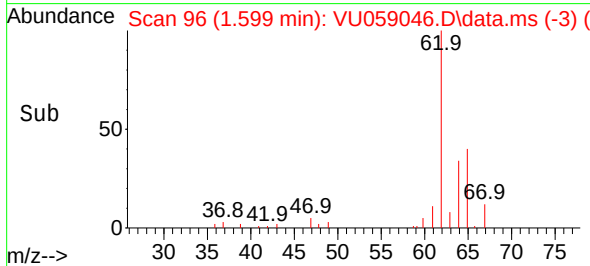


#5
 Vinyl chloride
 Concen: 6.573 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

Instrument :
 MSVOA_U
 ClientSampleId :

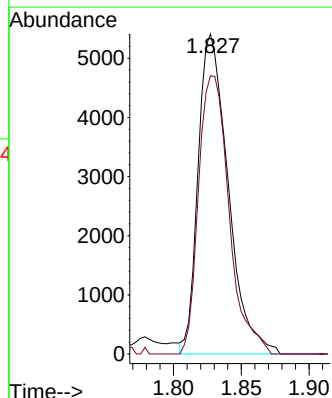
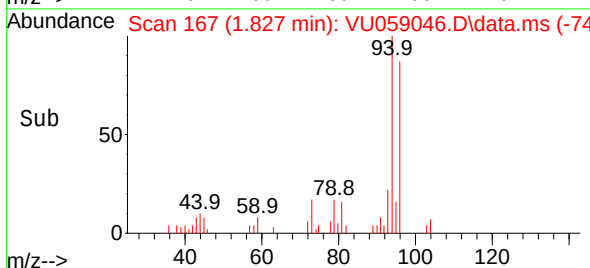
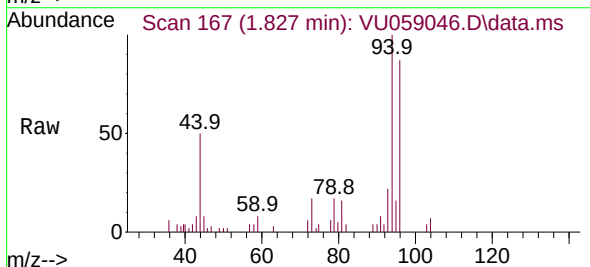


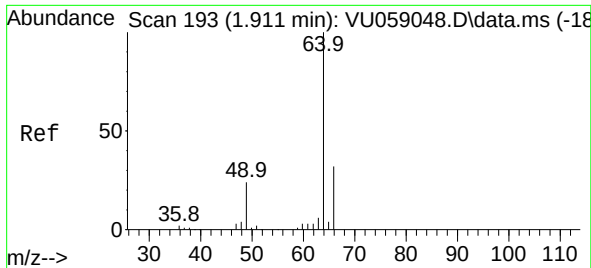
Tgt Ion: 62 Resp: 11421
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.7



#6
 Bromomethane
 Concen: 7.311 ug/L
 RT: 1.827 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

Tgt Ion: 94 Resp: 8340
 Ion Ratio Lower Upper
 94 100
 96 86.9 67.1 124.7





#8

Chloroethane

Concen: 6.334 ug/L

RT: 1.914 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

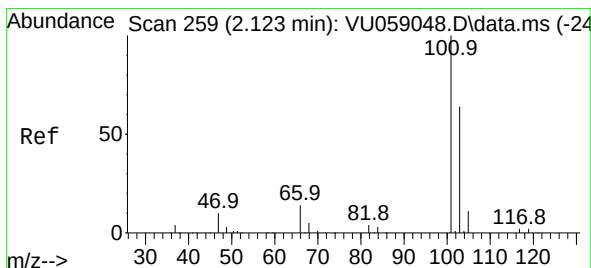
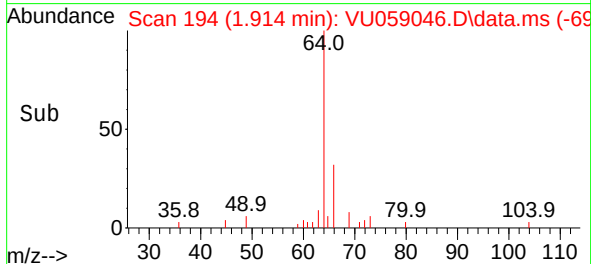
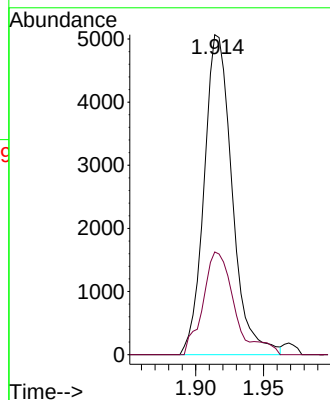
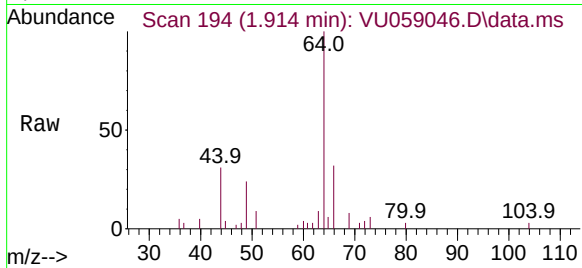
ClientSampleId :

Tgt Ion: 64 Resp: 7293

Ion Ratio Lower Upper

64 100

66 30.4 22.1 41.1



#9

Trichlorofluoromethane

Concen: 5.977 ug/L

RT: 2.126 min Scan# 260

Delta R.T. 0.003 min

Lab File: VU059046.D

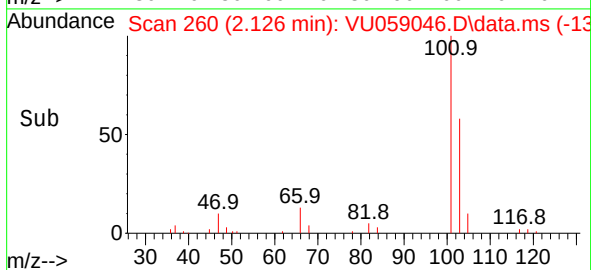
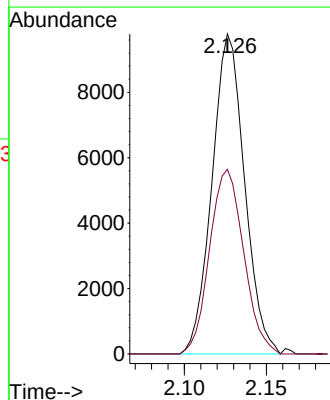
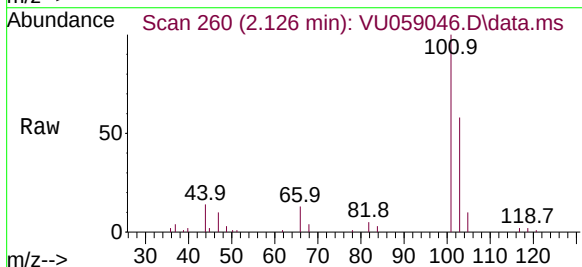
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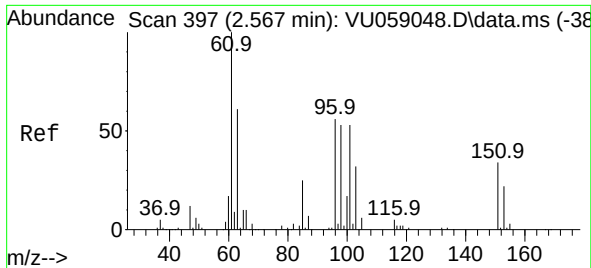
Tgt Ion:101 Resp: 13500

Ion Ratio Lower Upper

101 100

103 60.3 51.8 77.6

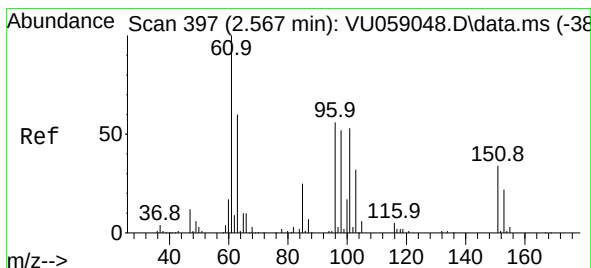
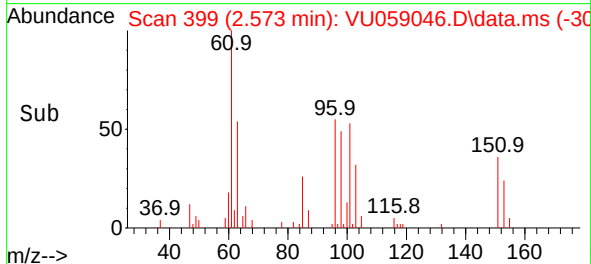
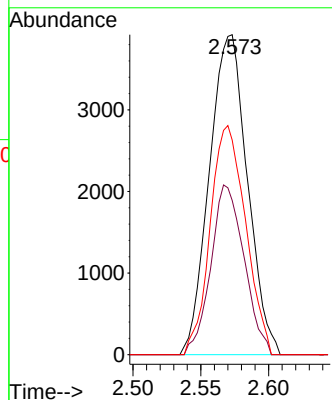
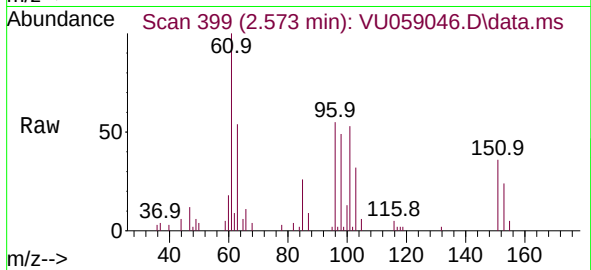




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.141 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.007 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

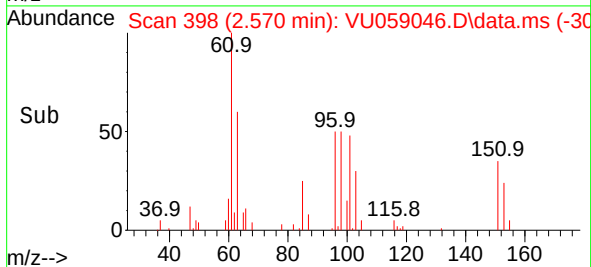
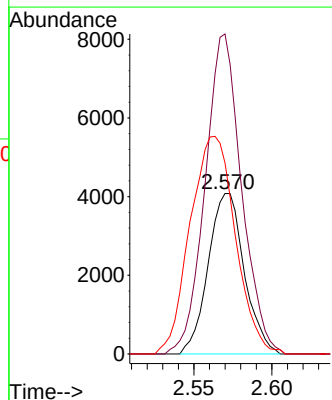
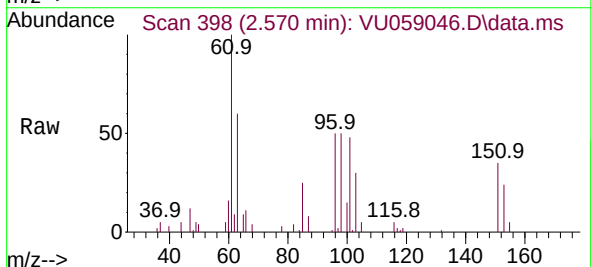
Instrument :
MSVOA_U
ClientSampleId :

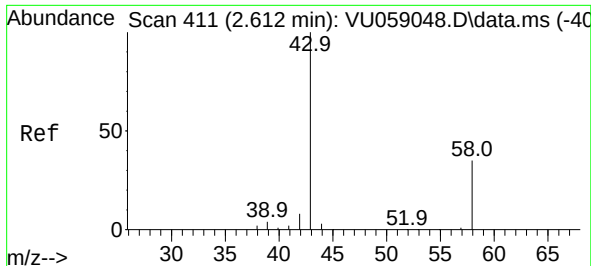
Tgt Ion:101 Resp: 7657
Ion Ratio Lower Upper
101 100
85 46.3 36.7 55.1
151 66.7 52.2 78.2



#12
1,1-Dichloroethene
Concen: 5.336 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 96 Resp: 6553
Ion Ratio Lower Upper
96 100
61 199.4 126.3 234.6
63 119.0 78.7 146.1





#13

Acetone

Concen: 12.787 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

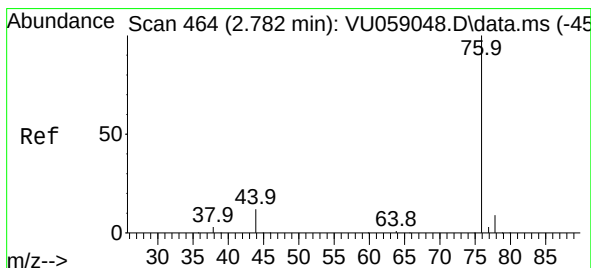
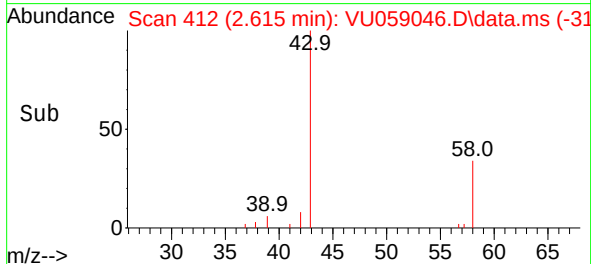
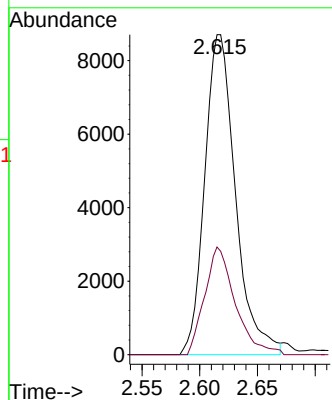
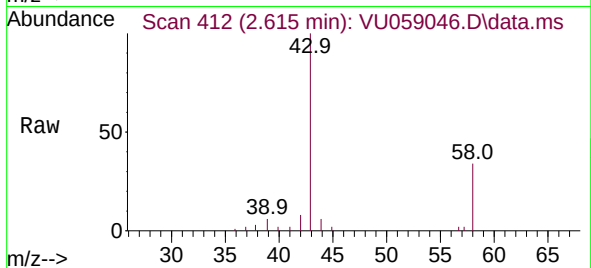
ClientSampleId :

Tgt Ion: 43 Resp: 16126

Ion Ratio Lower Upper

43 100

58 33.4 0.0 68.8



#14

Carbon disulfide

Concen: 9.263 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU059046.D

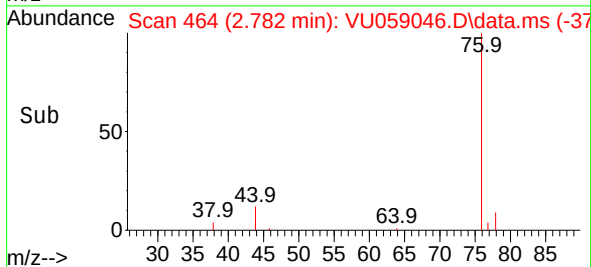
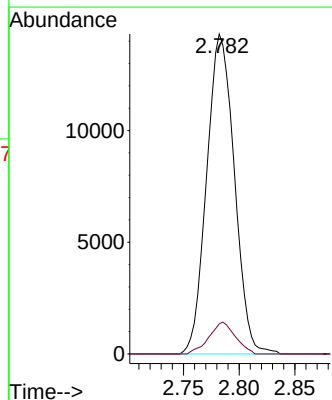
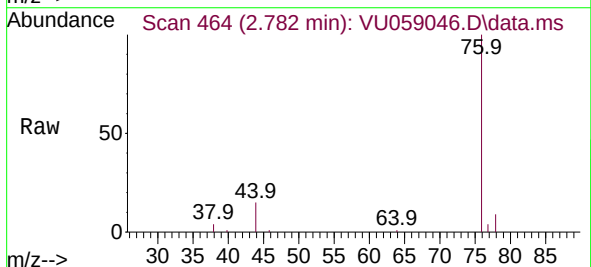
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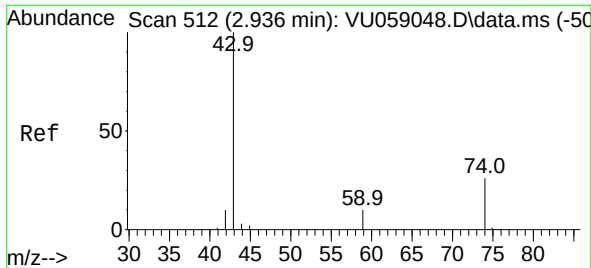
Tgt Ion: 76 Resp: 24768

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

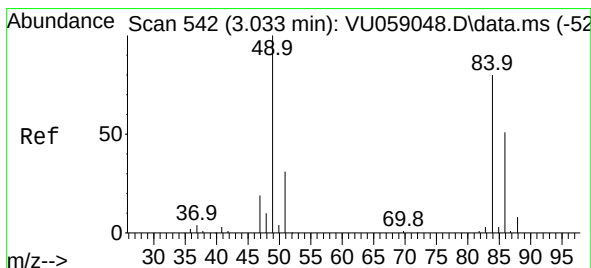
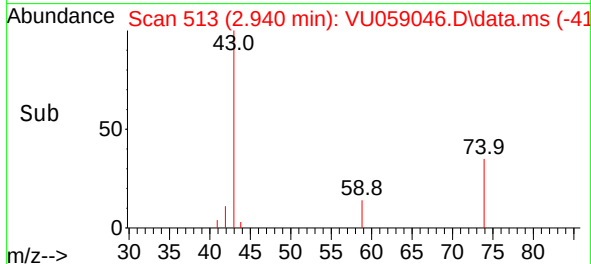
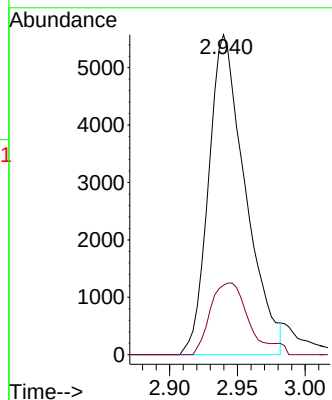
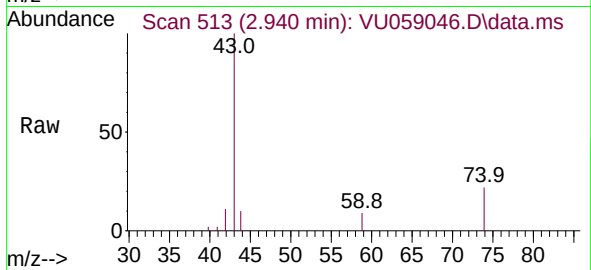




#15
Methyl Acetate
Concen: 5.363 ug/L
RT: 2.940 min Scan# 512
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

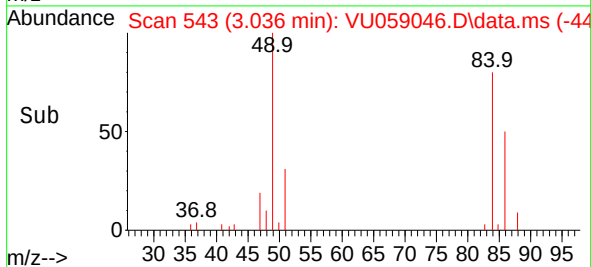
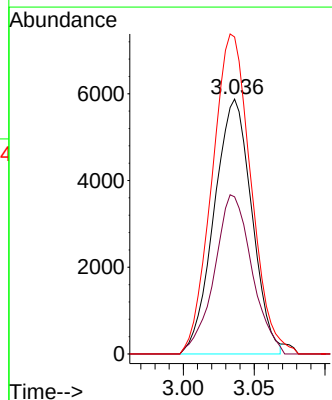
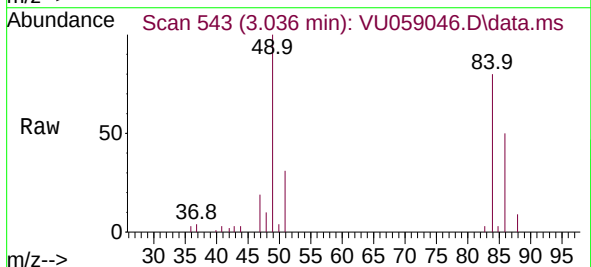
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ClientSampleId :

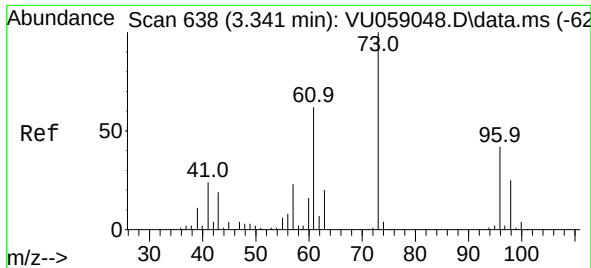
Tgt Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
74 22.6 20.8 31.2



#16
Methylene chloride
Concen: 5.668 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 84 Resp: 10876
Ion Ratio Lower Upper
84 100
86 61.6 44.9 83.3
49 124.4 87.5 162.5

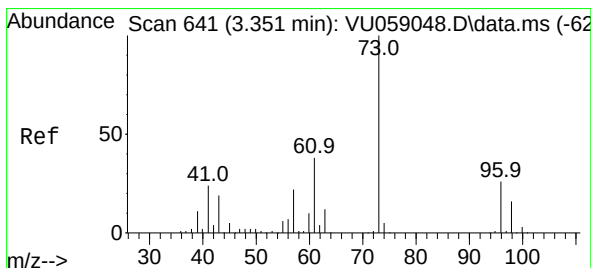
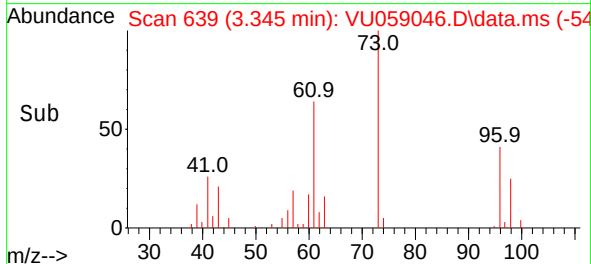
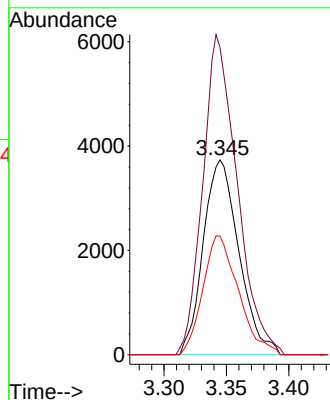
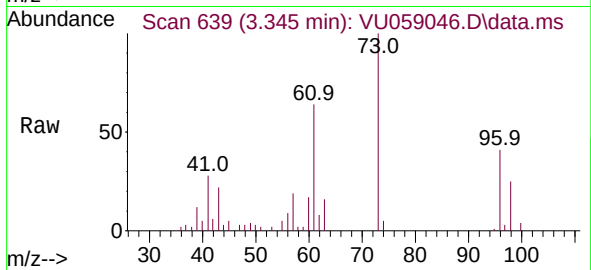




#17
trans-1,2-Dichloroethene
Concen: 5.959 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

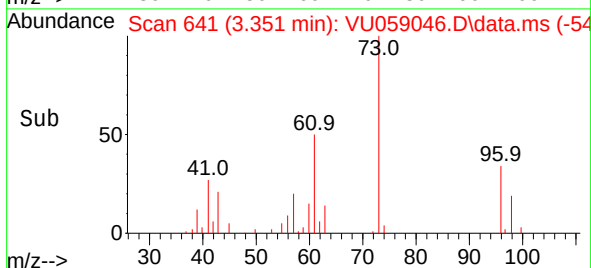
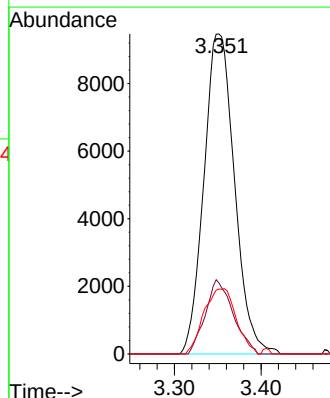
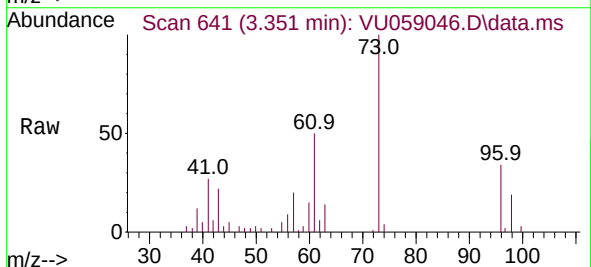
Instrument :
MSVOA_U
ClientSampleId :

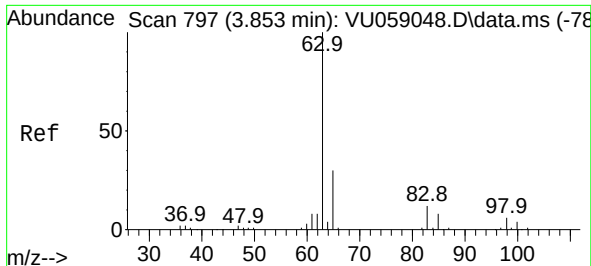
Tgt Ion: 96 Resp: 7426
Ion Ratio Lower Upper
96 100
61 157.5 103.5 192.3
98 60.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 4.930 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 73 Resp: 23236
Ion Ratio Lower Upper
73 100
43 21.0 15.6 23.4
57 12.4 18.6 28.0#

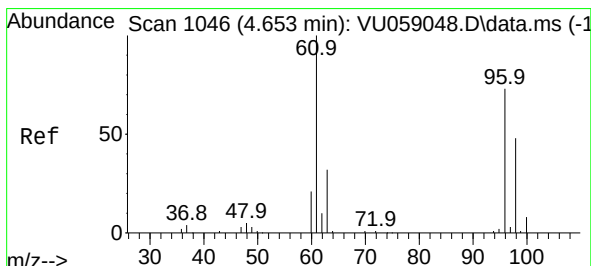
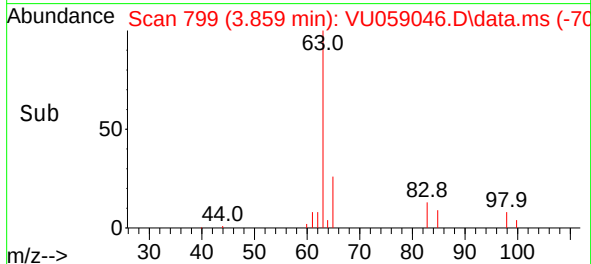
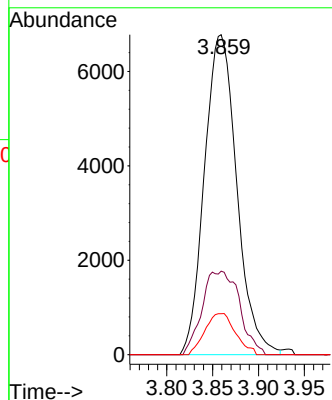
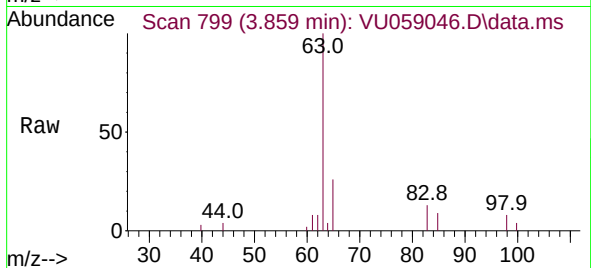




#19
1,1-Dichloroethane
Concen: 5.442 ug/L
RT: 3.859 min Scan# 797
Delta R.T. 0.007 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

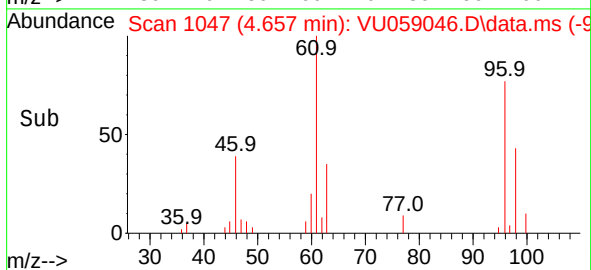
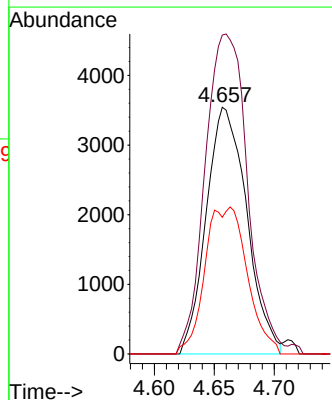
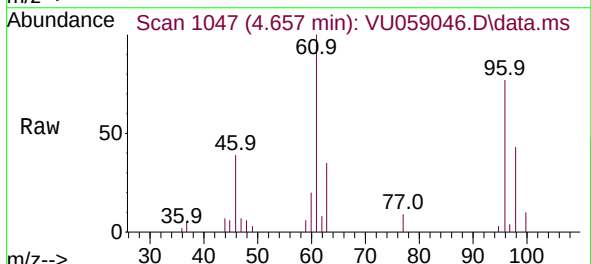
Instrument :
MSVOA_U
ClientSampleId :

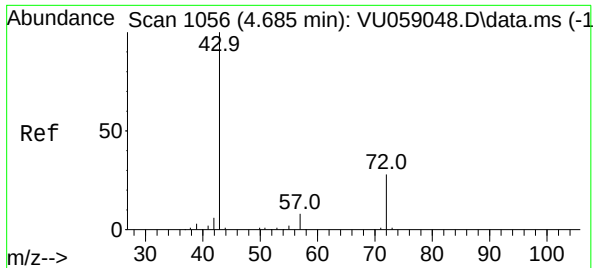
Tgt Ion: 63	Resp: 16623
Ion Ratio	Lower Upper
63 100	
65 26.1	21.3 39.5
83 12.8	8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 5.241 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 96	Resp: 8322
Ion Ratio	Lower Upper
96 100	
61 129.2	96.2 178.6
98 55.4	45.6 84.6

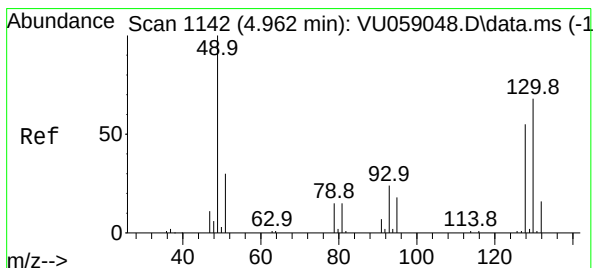
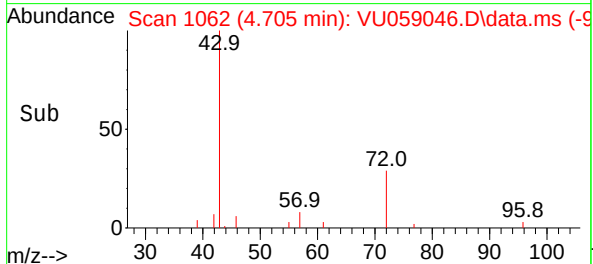
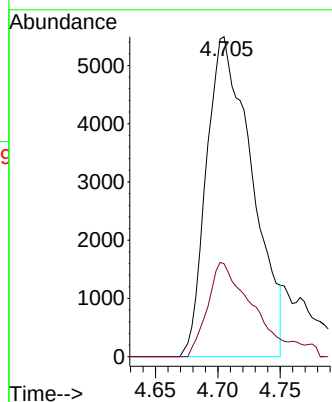
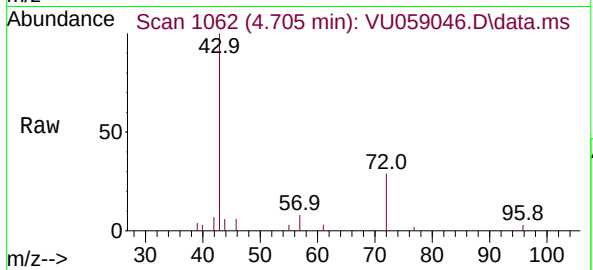




#22
2-Butanone
Concen: 8.809 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

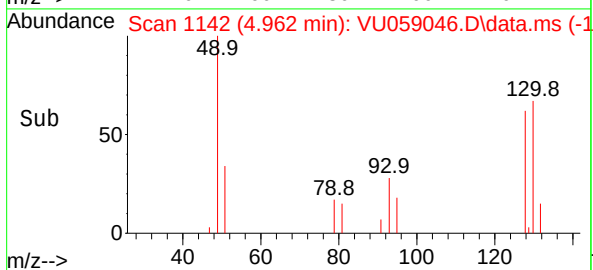
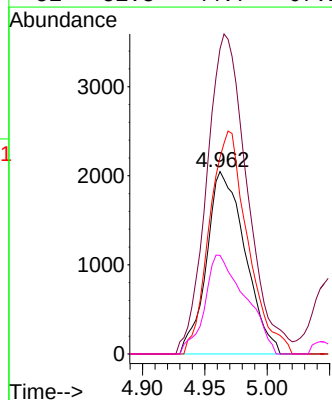
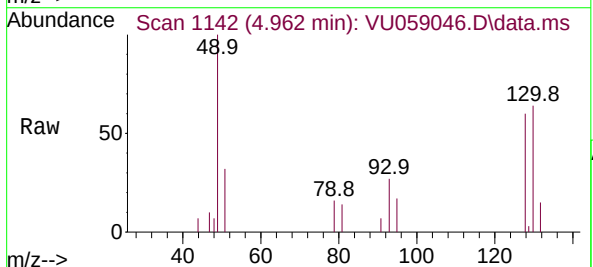
Instrument :
MSVOA_U
ClientSampleId :

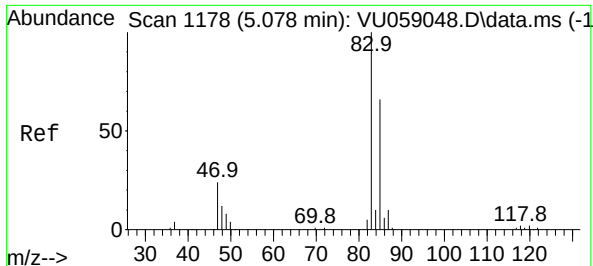
Tgt Ion: 43 Resp: 13988
Ion Ratio Lower Upper
43 100
72 28.4 14.2 42.8



#23
Bromochloromethane
Concen: 5.336 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion:128 Resp: 4403
Ion Ratio Lower Upper
128 100
49 158.9 128.4 238.4
130 102.3 86.9 161.3
51 51.3 44.7 67.1





#25

Chloroform

Concen: 4.822 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

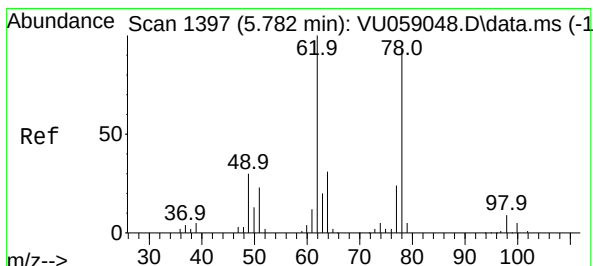
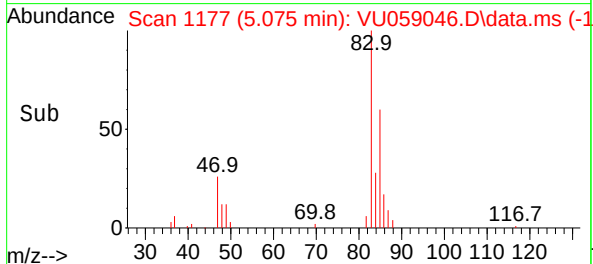
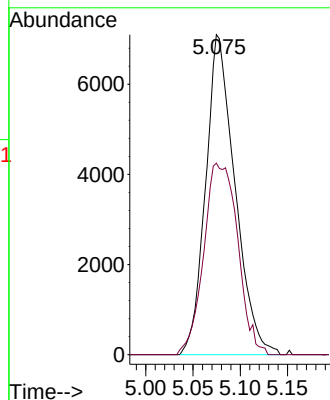
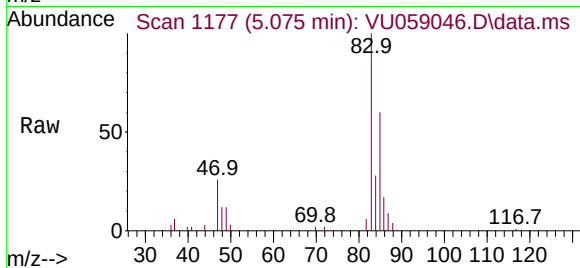
ClientSampleId :

Tgt Ion: 83 Resp: 15323

Ion Ratio Lower Upper

83 100

85 59.8 46.1 85.7



#27

1,2-Dichloroethane

Concen: 5.402 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.007 min

Lab File: VU059046.D

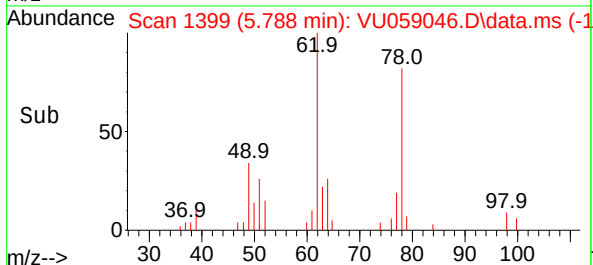
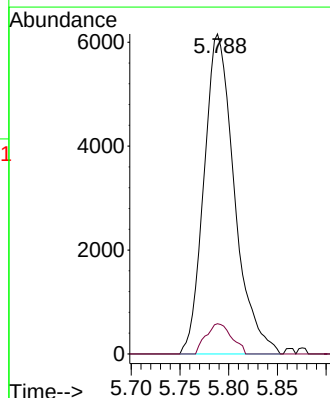
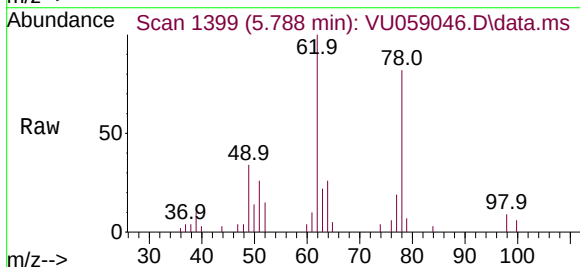
Acq: 29 May 2024 12:14

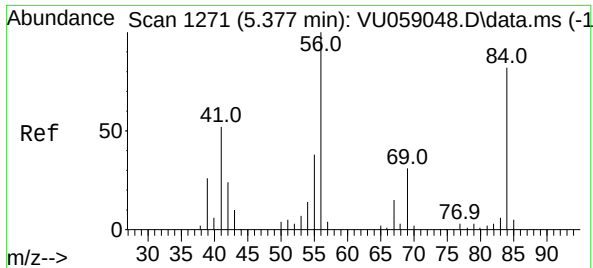
Tgt Ion: 62 Resp: 13388

Ion Ratio Lower Upper

62 100

98 9.5 6.9 10.3





#29

Cyclohexane

Concen: 6.617 ug/L

RT: 5.380 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

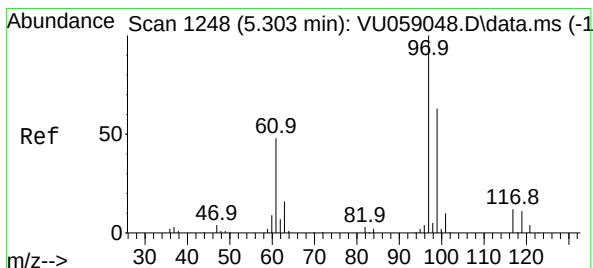
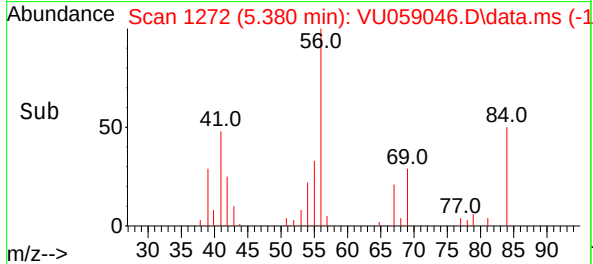
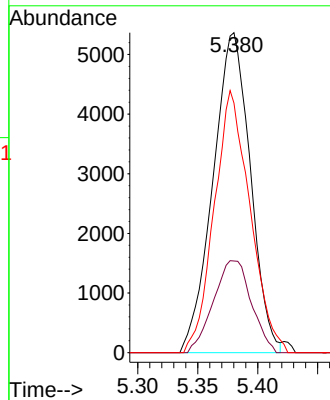
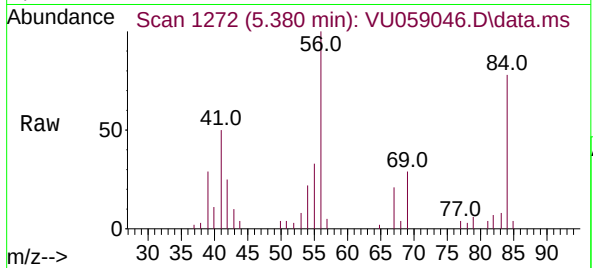
Tgt Ion: 56 Resp: 11632

Ion Ratio Lower Upper

56 100

69 29.1 24.6 37.0

84 78.5 67.4 101.0



#30

1,1,1-Trichloroethane

Concen: 5.380 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

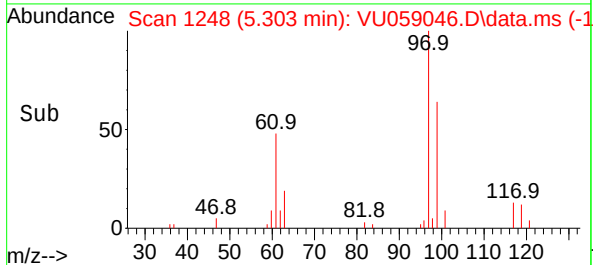
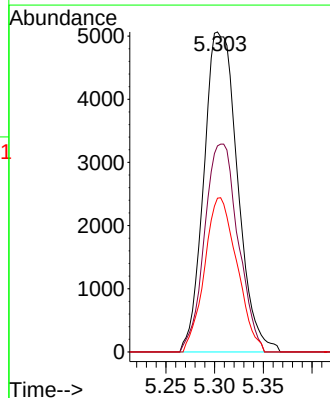
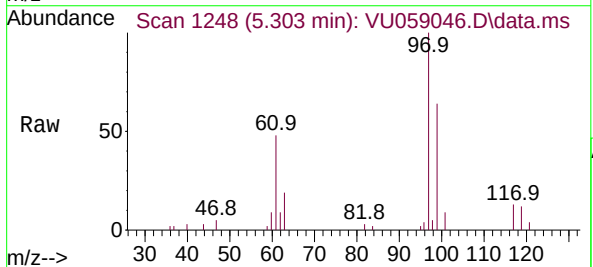
Tgt Ion: 97 Resp: 12176

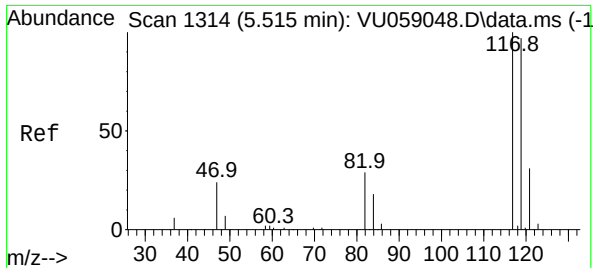
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 46.4 39.1 58.7

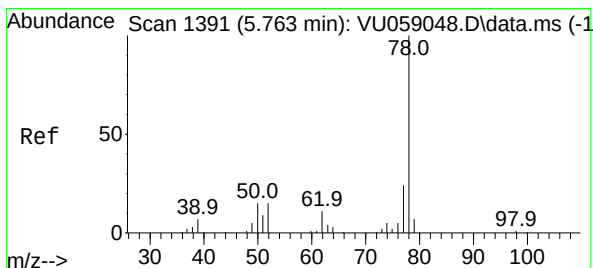
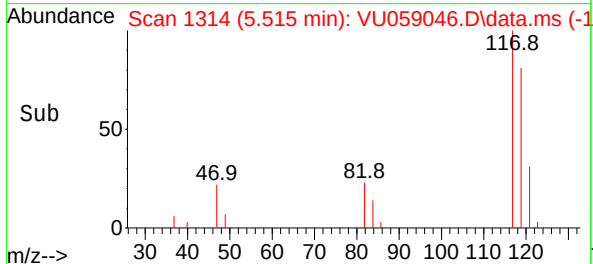
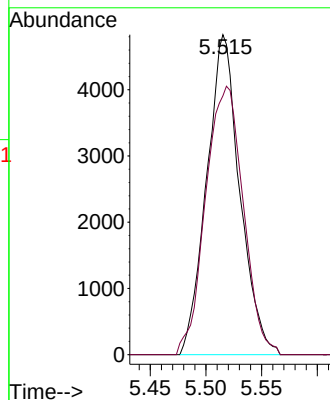
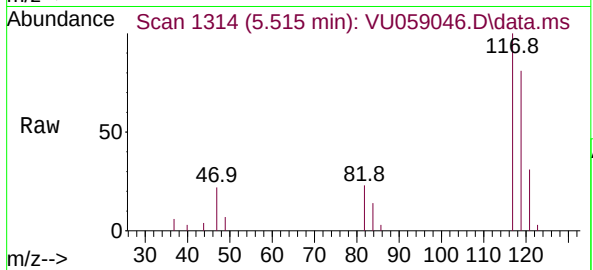




#31
Carbon tetrachloride
Concen: 5.449 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

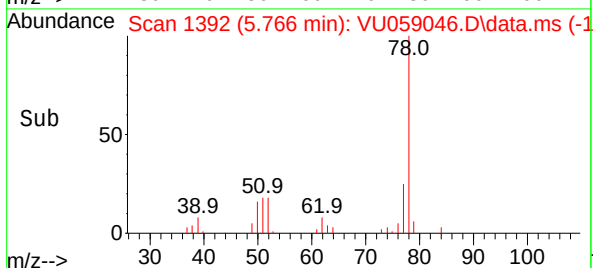
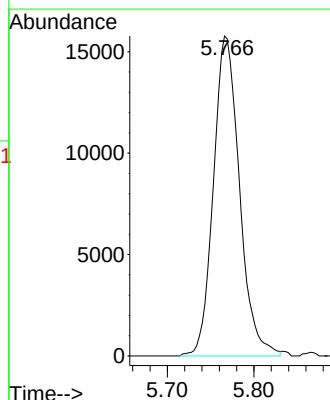
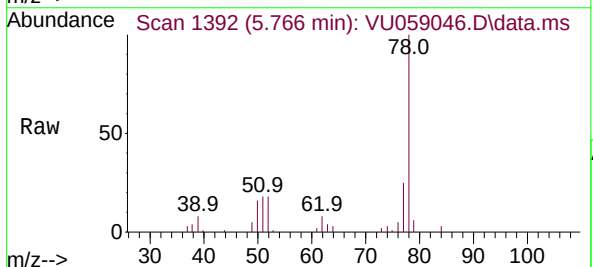
Instrument :
MSVOA_U
ClientSampleId :

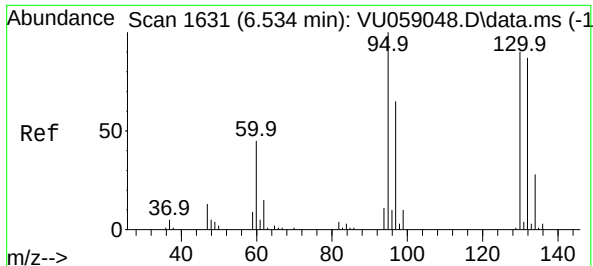
Tgt Ion:117 Resp: 9994
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 5.650 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 78 Resp: 32948





#34

Trichloroethene

Concen: 5.148 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7808

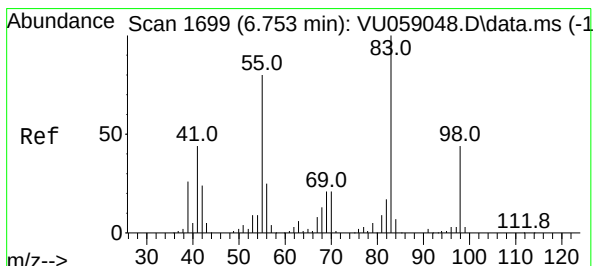
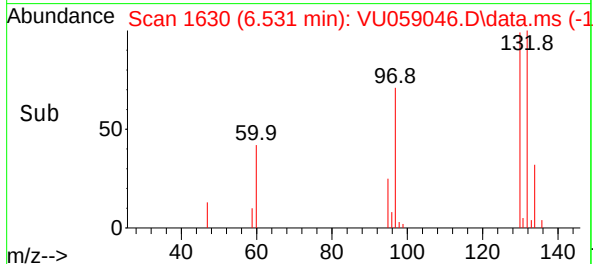
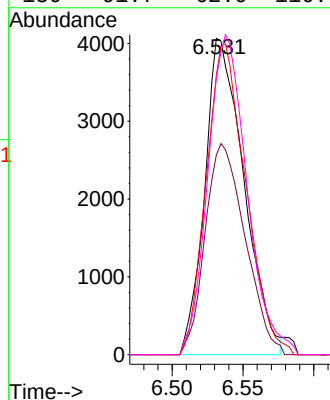
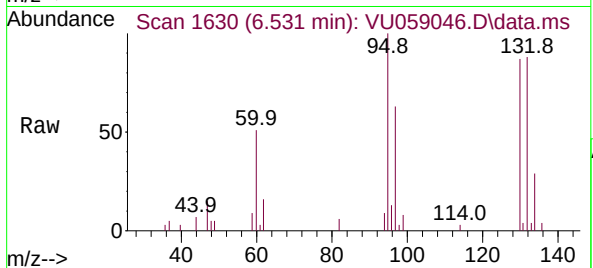
Ion Ratio Lower Upper

95 100

97 63.2 45.2 84.0

132 88.4 60.6 112.6

130 91.7 62.9 116.7



#35

Methylcyclohexane

Concen: 5.771 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

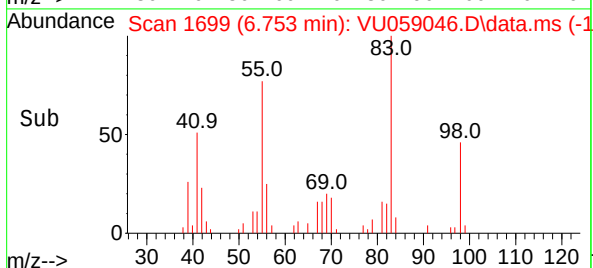
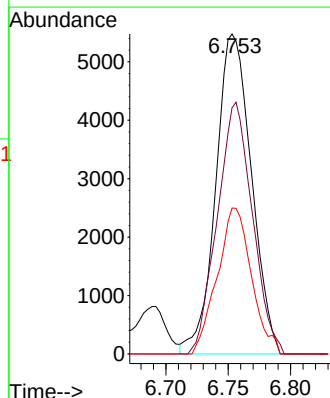
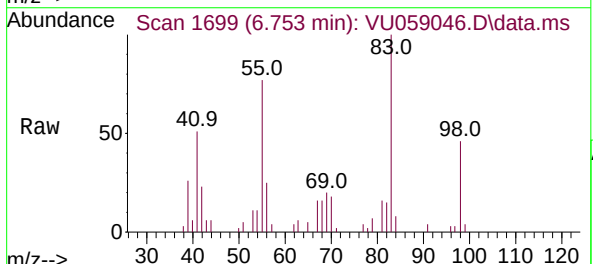
Tgt Ion: 83 Resp: 10891

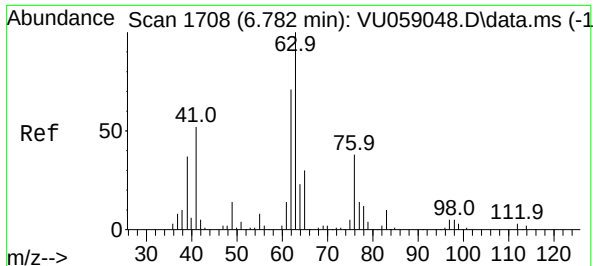
Ion Ratio Lower Upper

83 100

55 77.4 63.9 95.9

98 44.0 34.7 52.1

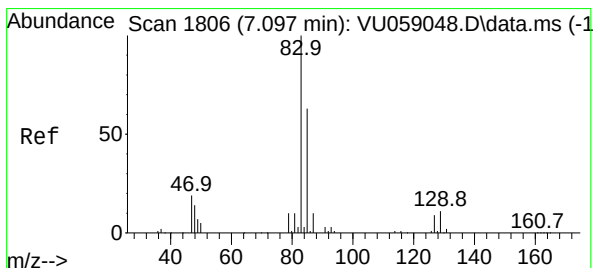
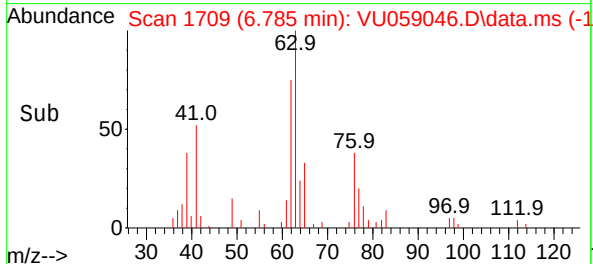
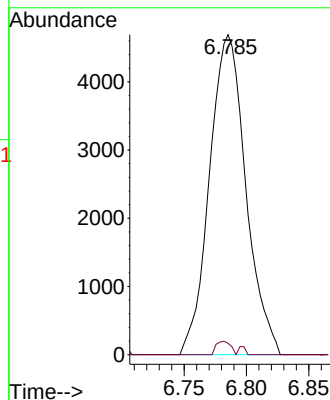
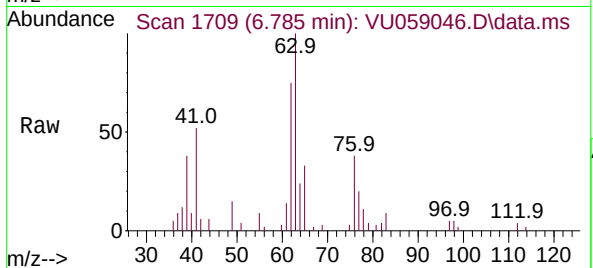




#37
1,2-Dichloropropane
Concen: 5.150 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

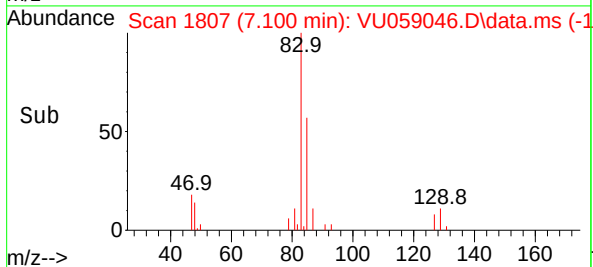
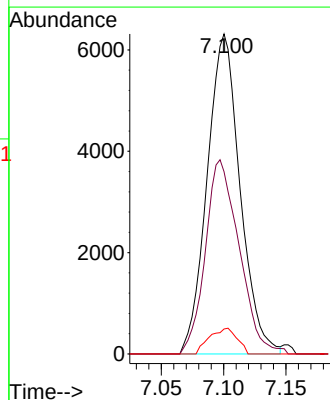
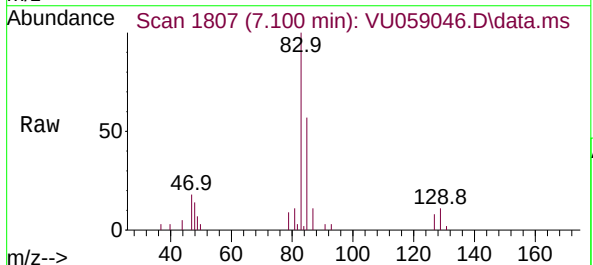
Instrument :
MSVOA_U
ClientSampleId :

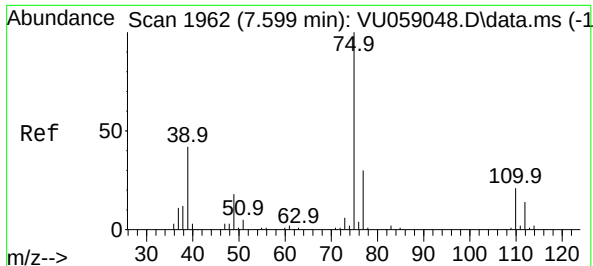
Tgt Ion: 63 Resp: 9513
Ion Ratio Lower Upper
63 100
112 1.7 2.6 4.0#



#38
Bromodichloromethane
Concen: 5.185 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion: 83 Resp: 11639
Ion Ratio Lower Upper
83 100
85 57.0 44.0 81.6
127 7.8 7.0 10.6

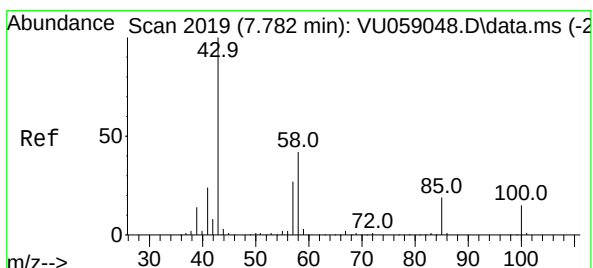
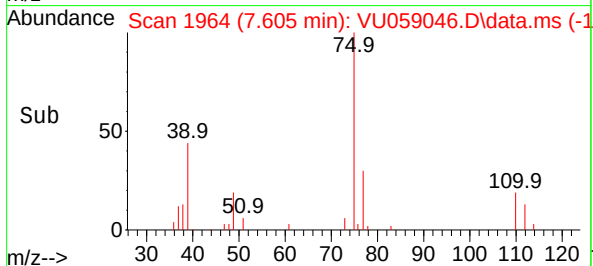
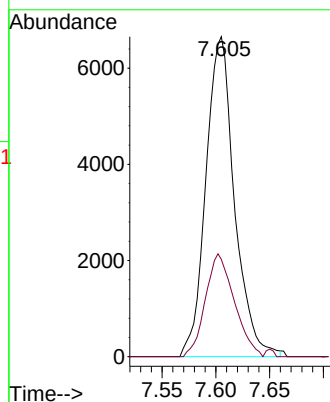
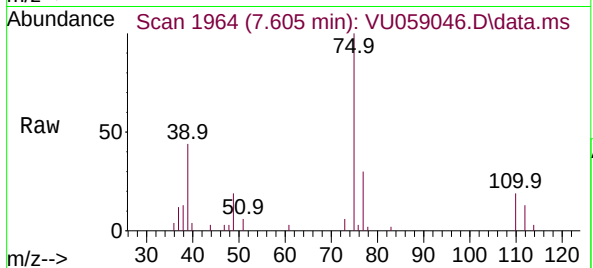




#39
 cis-1,3-Dichloropropene
 Concen: 4.854 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.007 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

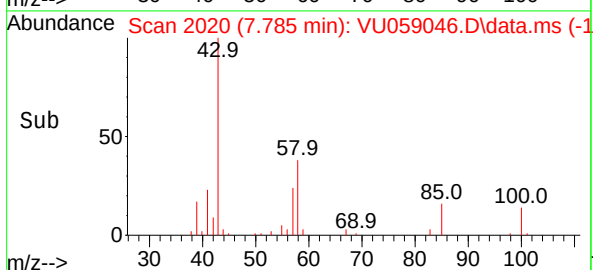
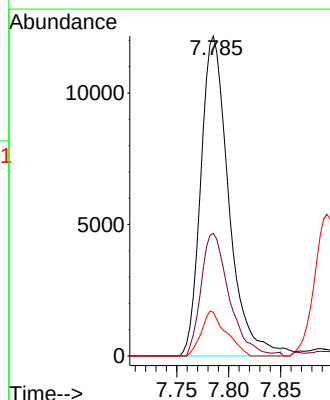
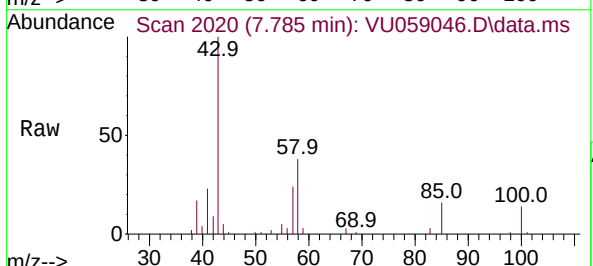
Instrument :
 MSVOA_U
 ClientSampleId :

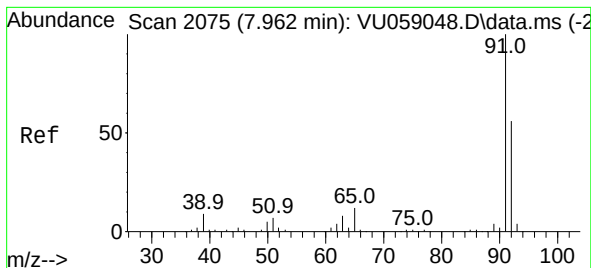
Tgt Ion: 75 Resp: 12331
 Ion Ratio Lower Upper
 75 100
 77 29.4 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 8.836 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059046.D
 Acq: 29 May 2024 12:14

Tgt Ion: 43 Resp: 22641
 Ion Ratio Lower Upper
 43 100
 58 38.7 33.7 50.5
 100 12.4 11.4 17.0





#42

Toluene

Concen: 5.115 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

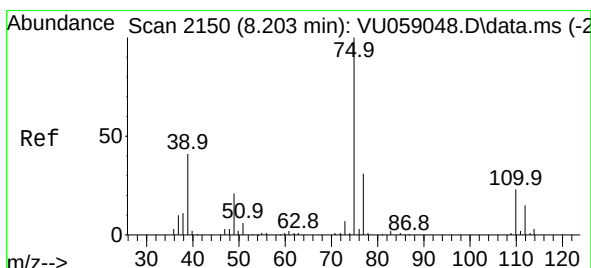
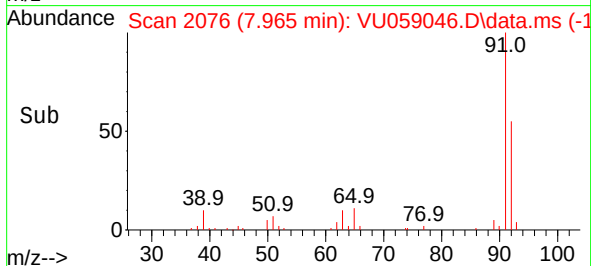
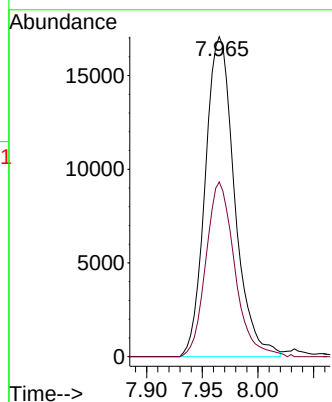
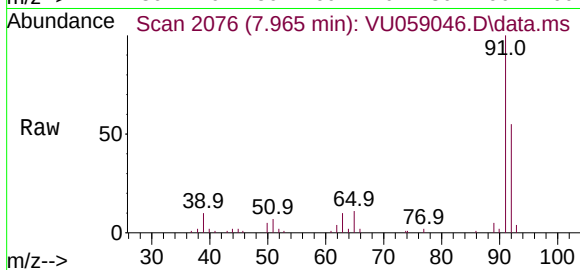
ClientSampleId :

Tgt Ion: 91 Resp: 31351

Ion Ratio Lower Upper

91 100

92 54.6 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 4.507 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU059046.D

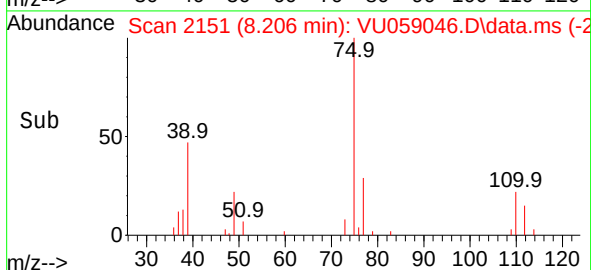
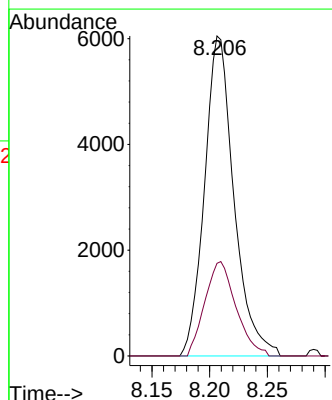
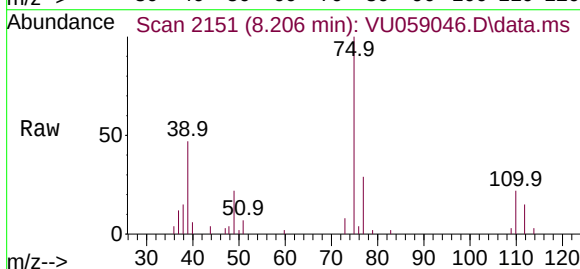
Acq: 29 May 2024 12:14

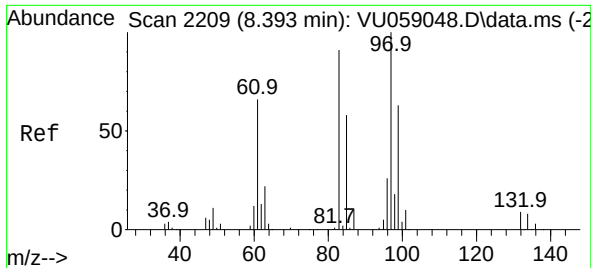
Tgt Ion: 75 Resp: 10718

Ion Ratio Lower Upper

75 100

77 28.9 22.0 40.8

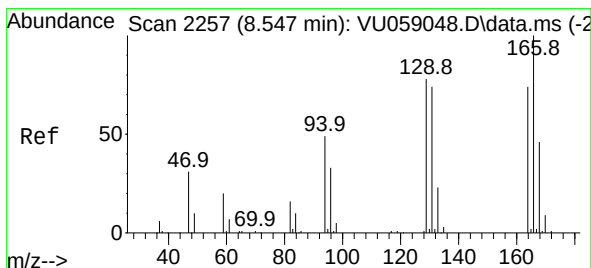
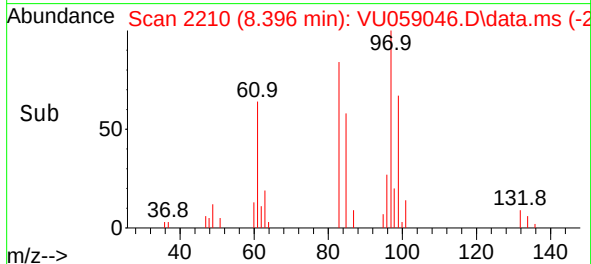
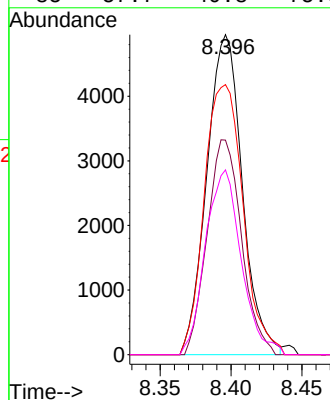
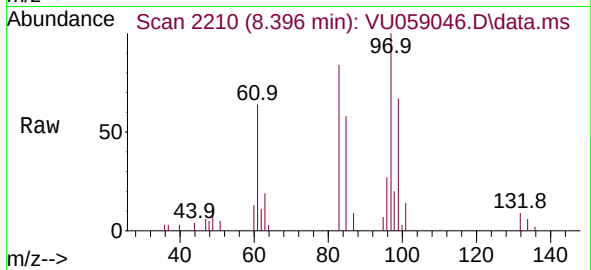




#45
1,1,2-Trichloroethane
Concen: 4.847 ug/L
RT: 8.396 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

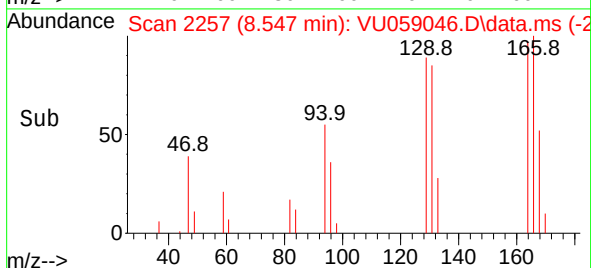
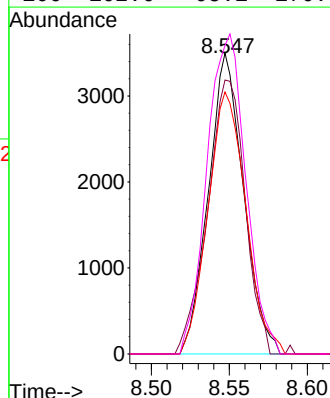
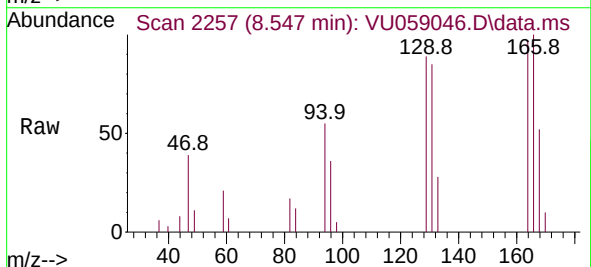
Instrument :
MSVOA_U
ClientSampleId :

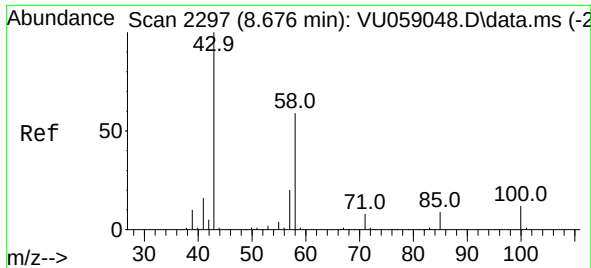
Tgt Ion: 97	Resp: 8647
Ion Ratio	Lower Upper
97 100	
99 67.0	44.0 81.6
83 84.4	63.6 118.2
85 57.7	40.8 75.8



#46
Tetrachloroethene
Concen: 5.437 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

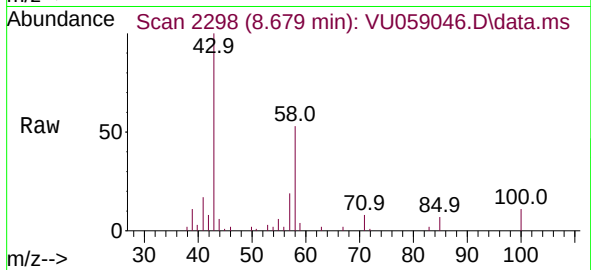
Tgt	Ion:164	Resp:	5488
Ion	Ratio	Lower	Upper
164	100		
129	91.1	74.5	138.5
131	87.1	70.6	131.0
166	102.6	95.1	176.7



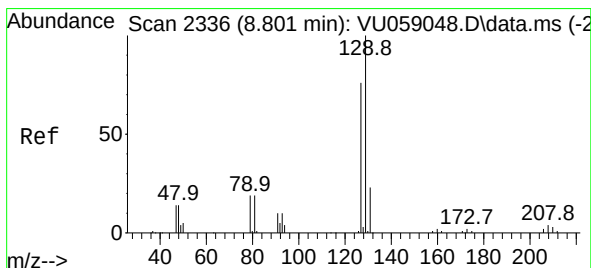
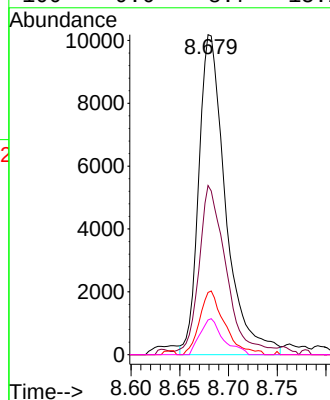
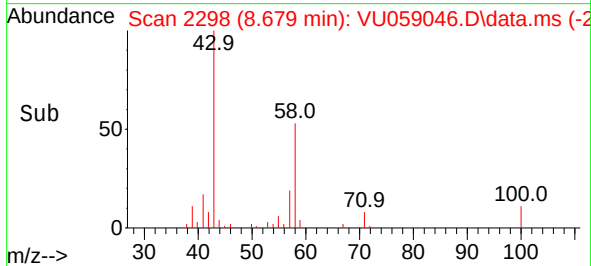


#48
2-Hexanone
Concen: 9.224 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Instrument :
MSVOA_U
ClientSampleId :

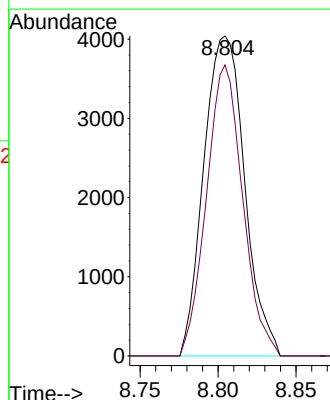
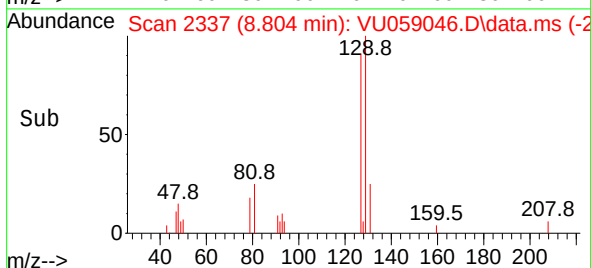
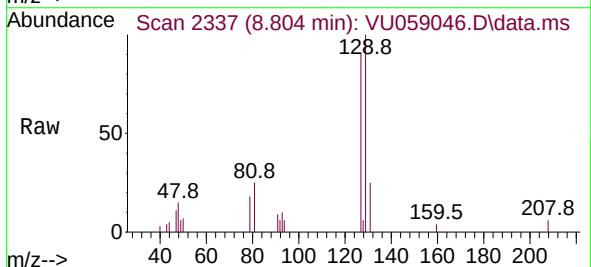


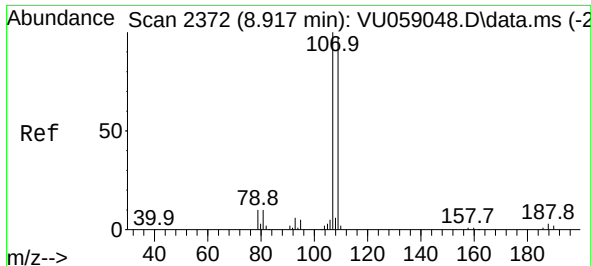
Tgt Ion: 43 Resp: 19546
Ion Ratio Lower Upper
43 100
58 53.7 45.9 68.9
57 18.3 16.3 24.5
100 9.6 8.7 13.1



#49
Dibromochloromethane
Concen: 4.352 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

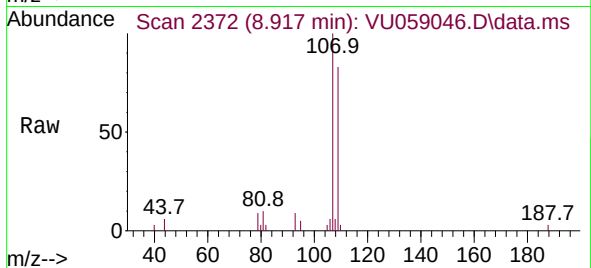
Tgt Ion: 129 Resp: 7358
Ion Ratio Lower Upper
129 100
127 91.0 53.3 98.9





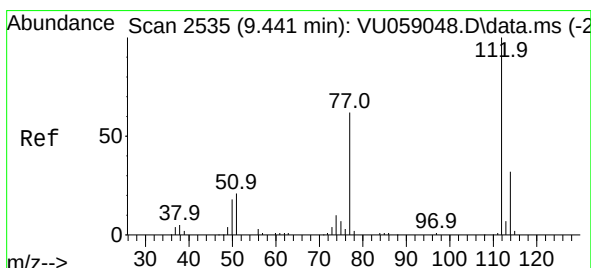
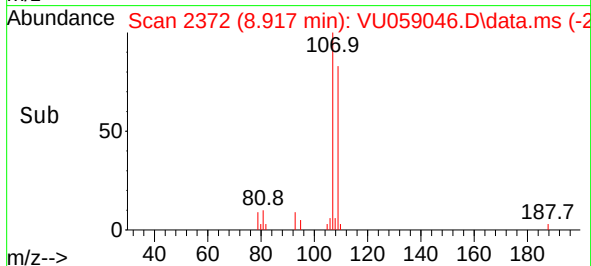
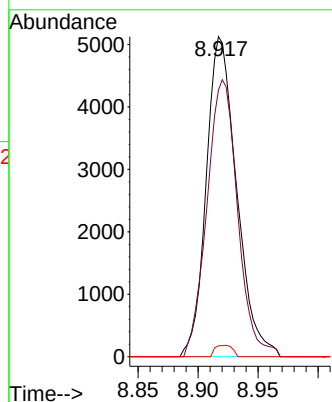
#50
1,2-Dibromoethane
Concen: 5.247 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:107 Resp: 9033

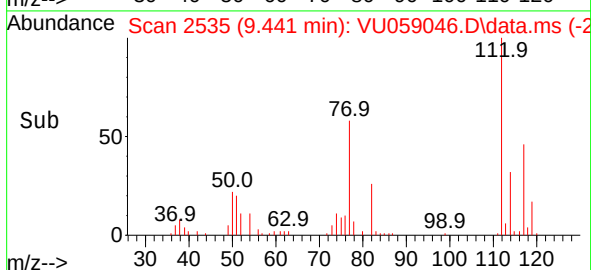
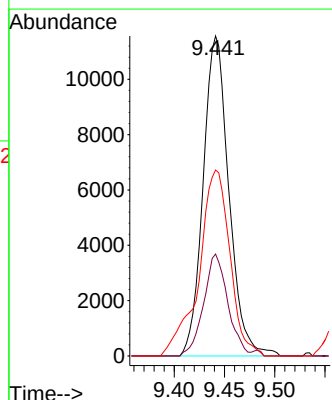
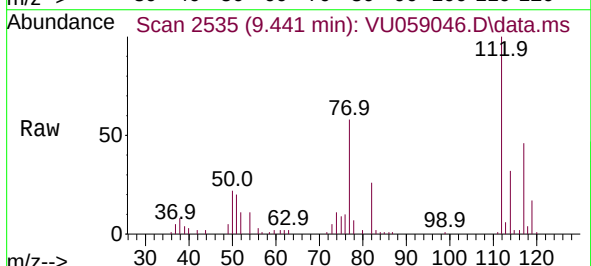
Ion	Ratio	Lower	Upper
107	100		
109	83.3	67.8	125.8
188	3.4	2.5	3.7

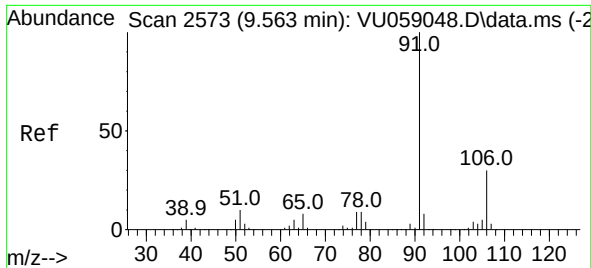


#51
Chlorobenzene
Concen: 5.189 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion:112 Resp: 20596

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	54.8	49.8	74.6





#52

Ethylbenzene

Concen: 4.594 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

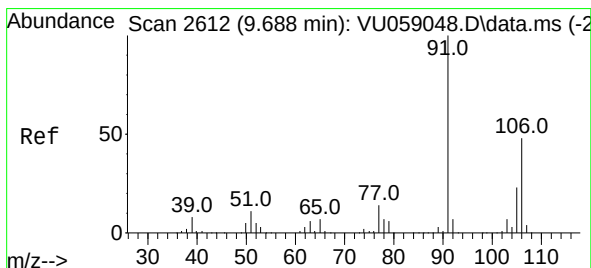
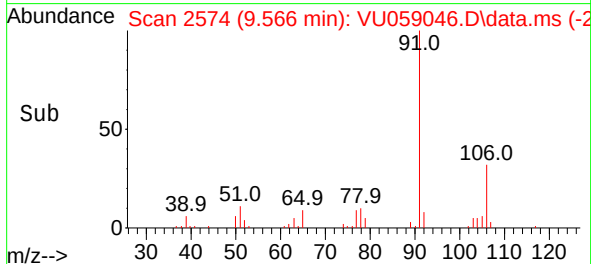
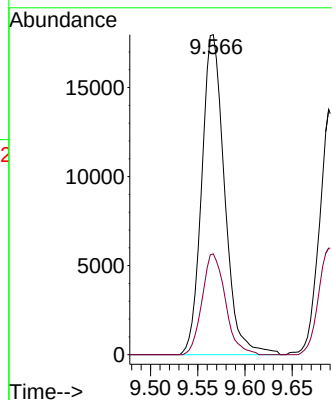
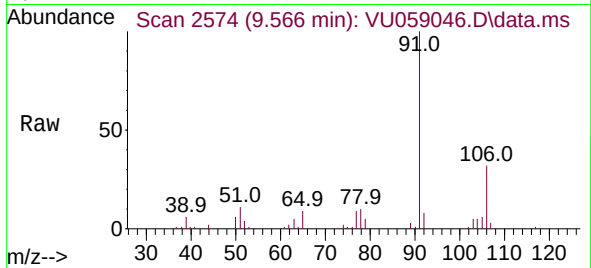
ClientSampleId :

Tgt Ion: 91 Resp: 30256

Ion Ratio Lower Upper

91 100

106 34.5 21.0 39.0



#53

m,p-Xylene

Concen: 4.610 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059046.D

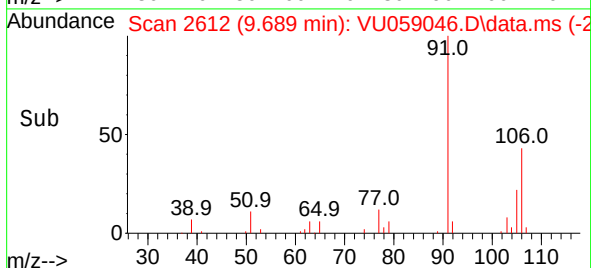
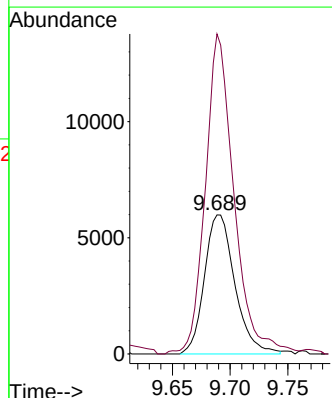
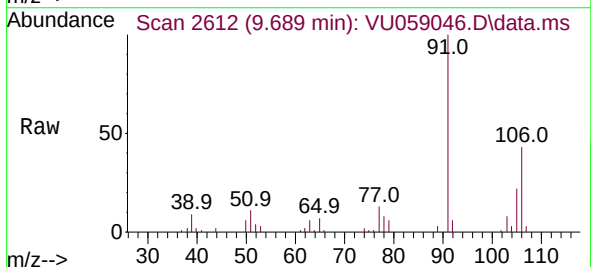
Acq: 29 May 2024 12:14

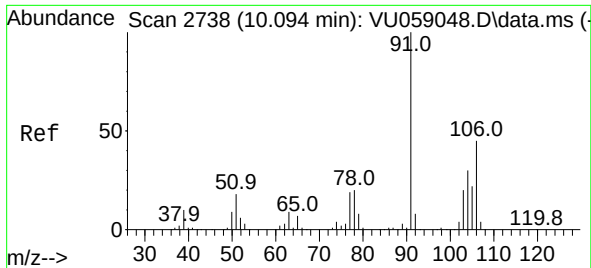
Tgt Ion:106 Resp: 10965

Ion Ratio Lower Upper

106 100

91 213.0 146.4 272.0

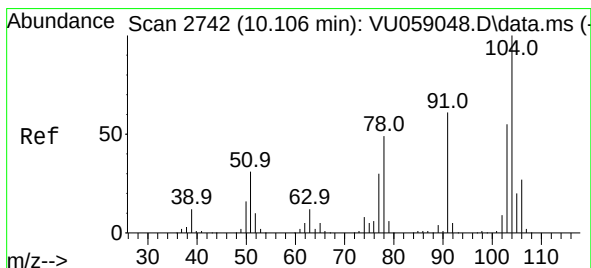
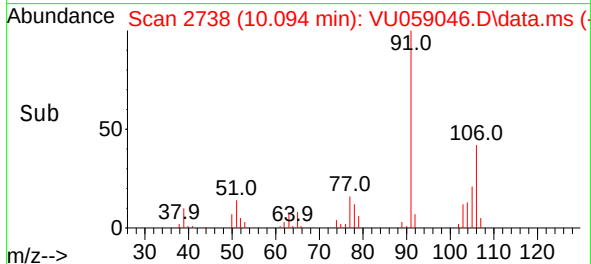
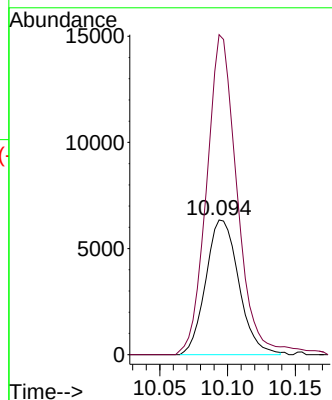
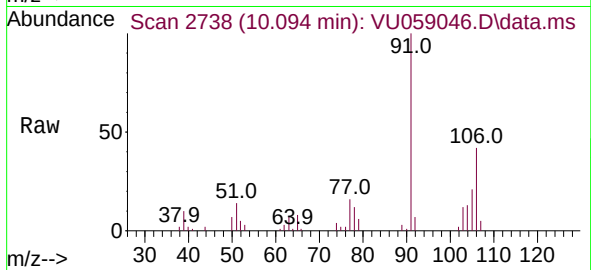




#54
o-Xylene
Concen: 4.545 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

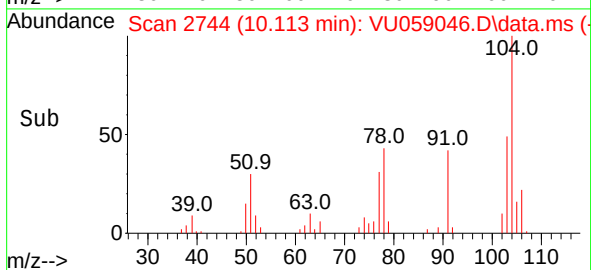
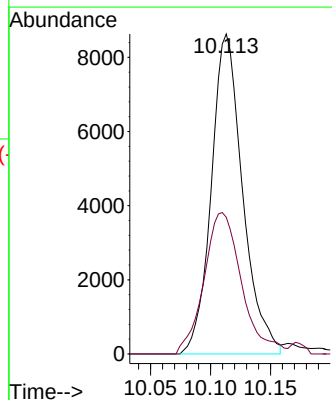
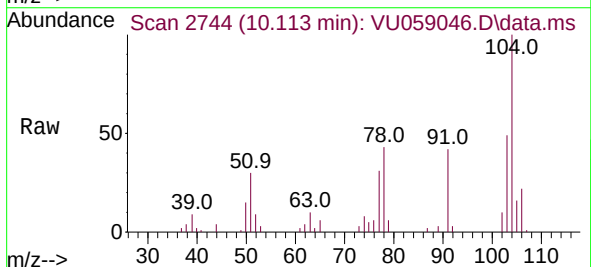
Instrument :
MSVOA_U
ClientSampleId :

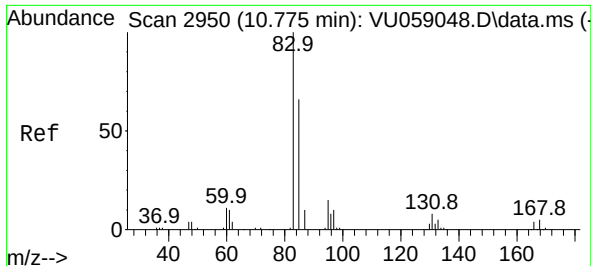
Tgt Ion:106 Resp: 10749
Ion Ratio Lower Upper
106 100
91 237.5 156.7 290.9



#55
Styrene
Concen: 3.764 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion:104 Resp: 15677
Ion Ratio Lower Upper
104 100
78 42.7 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.436 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

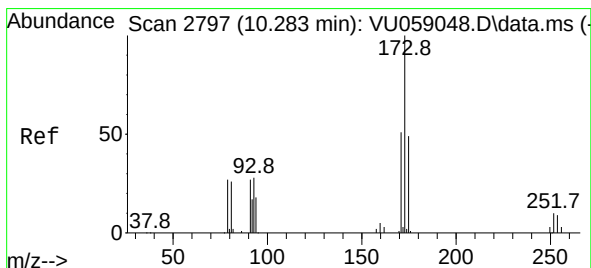
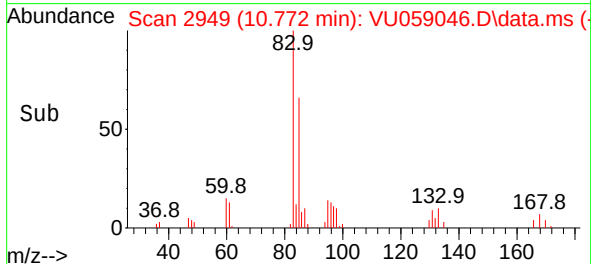
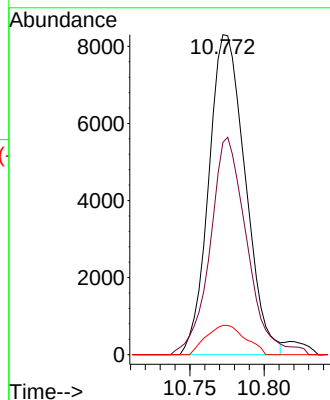
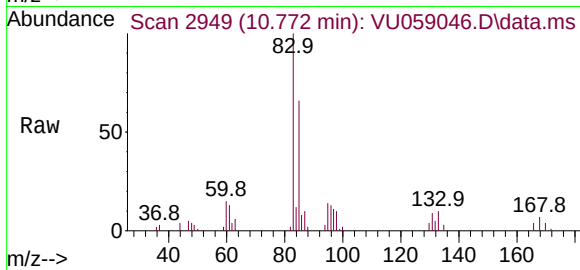
Tgt Ion: 83 Resp: 14176

Ion Ratio Lower Upper

83 100

85 66.3 46.1 85.7

131 9.1 7.0 10.4



#59

Bromoform

Concen: 5.187 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

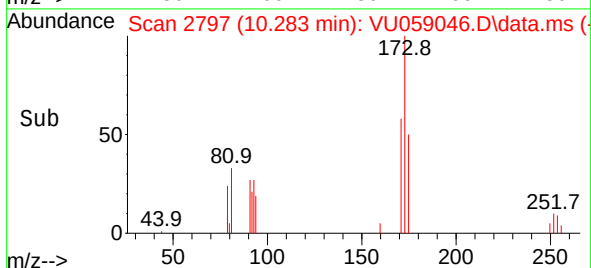
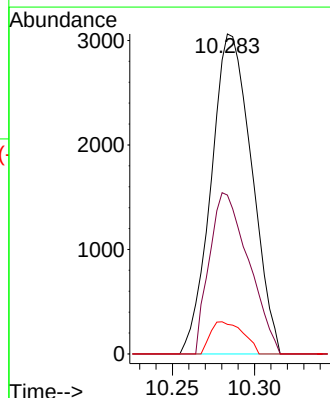
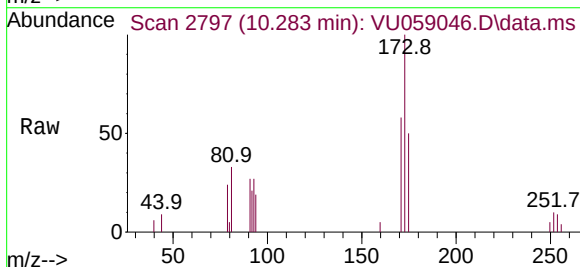
Tgt Ion:173 Resp: 5257

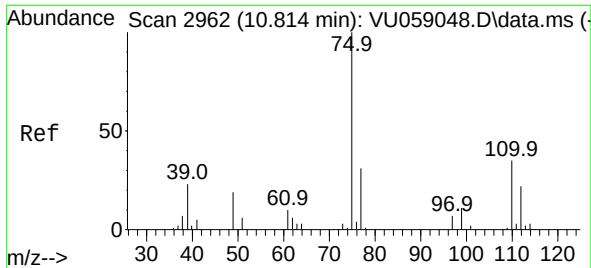
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 8.1 7.5 11.3

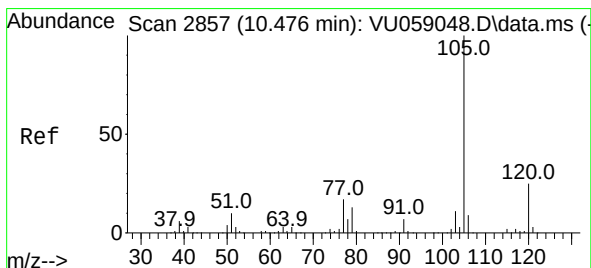
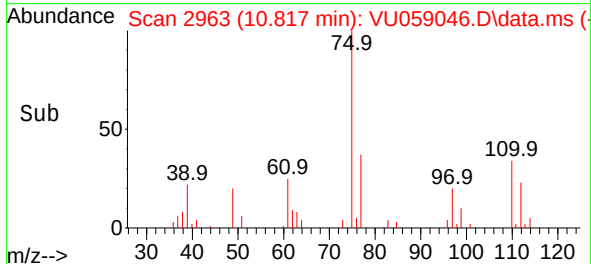
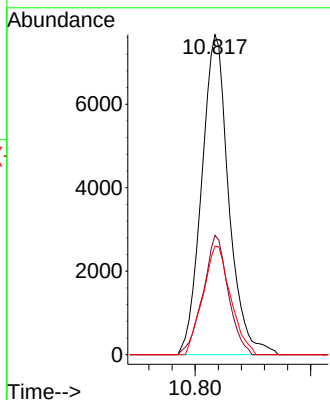
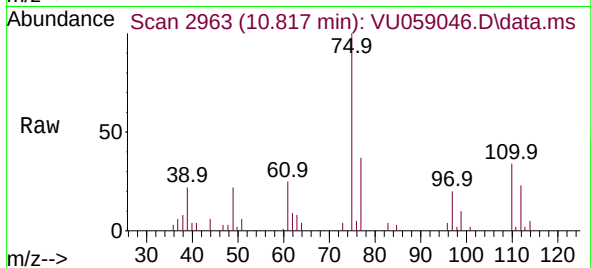




#60
1,2,3-Trichloropropane
Concen: 6.298 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

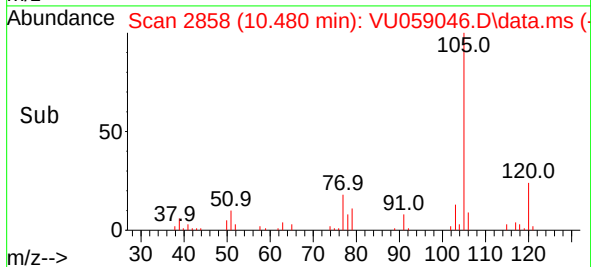
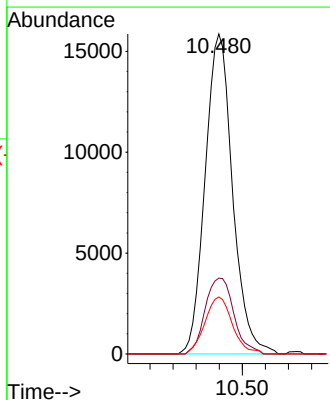
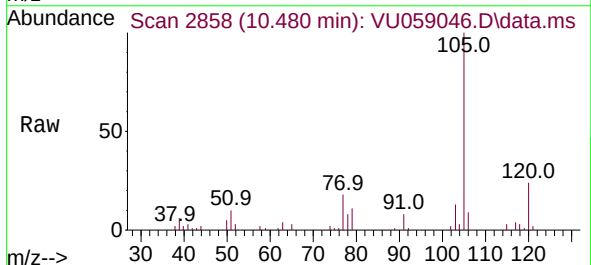
Instrument :
MSVOA_U
ClientSampleId :

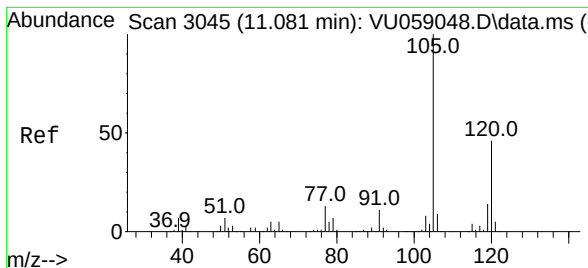
Tgt Ion:	75	Resp:	12460
Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.2	39.2
110	34.7	28.4	42.6



#61
Isopropylbenzene
Concen: 5.214 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion:	105	Resp:	26200
Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.3	30.5
77	17.7	13.4	20.0





#62

1,3,5-Trimethylbenzene

Concen: 4.558 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

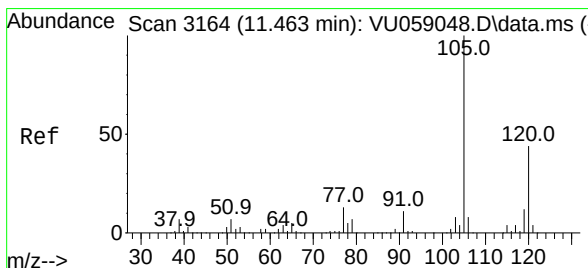
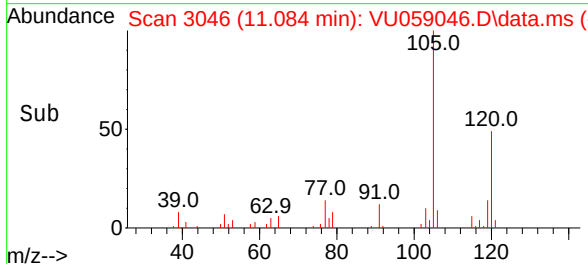
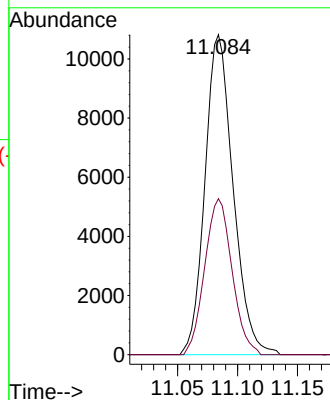
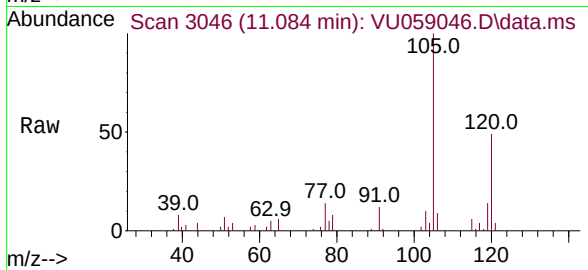
ClientSampleId :

Tgt Ion:105 Resp: 17688

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 4.453 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059046.D

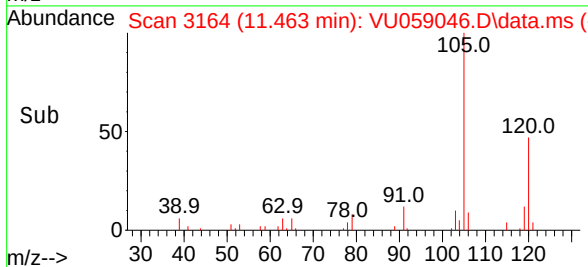
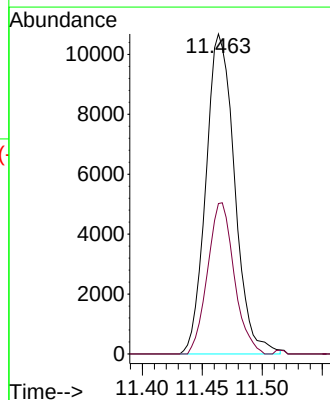
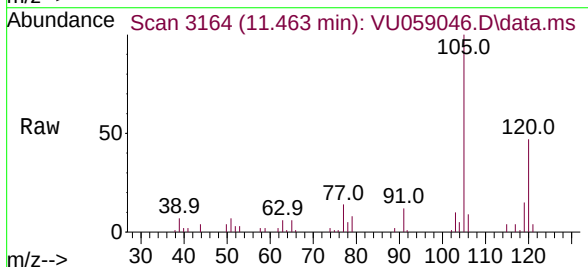
Acq: 29 May 2024 12:14

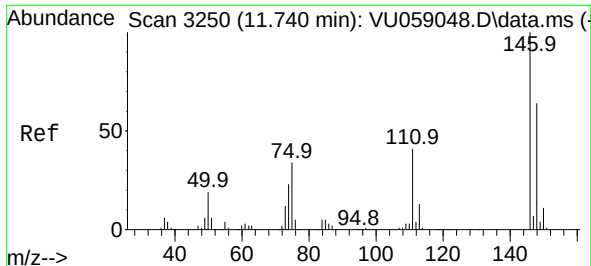
Tgt Ion:105 Resp: 17791

Ion Ratio Lower Upper

105 100

120 43.7 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 5.031 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

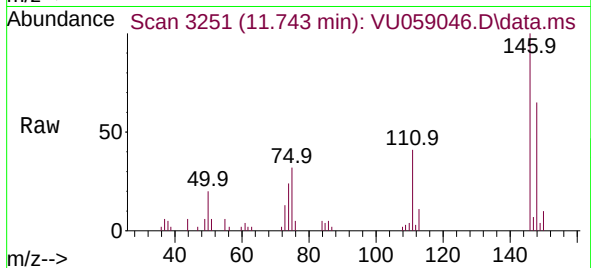
Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :



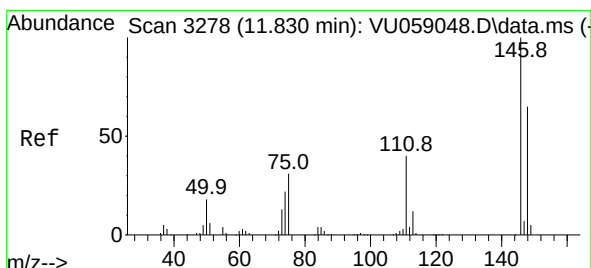
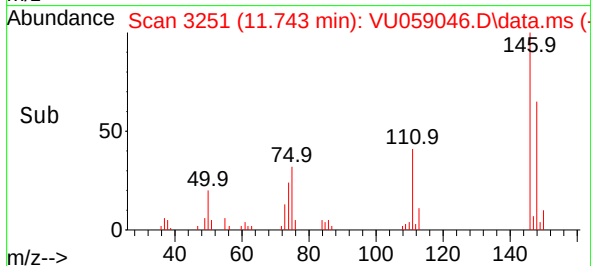
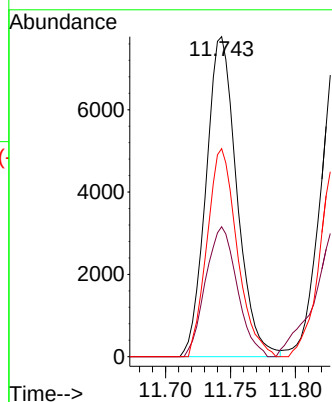
Tgt Ion:146 Resp: 12858

Ion Ratio Lower Upper

146 100

111 43.4 28.7 53.3

148 65.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 5.269 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

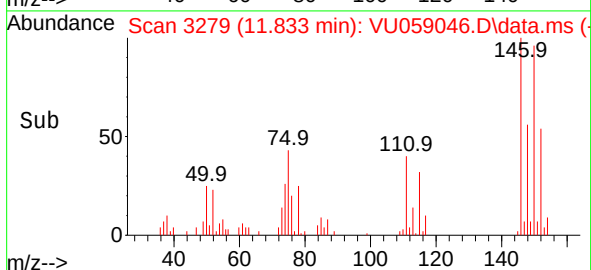
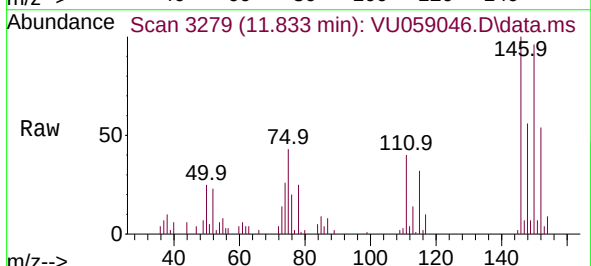
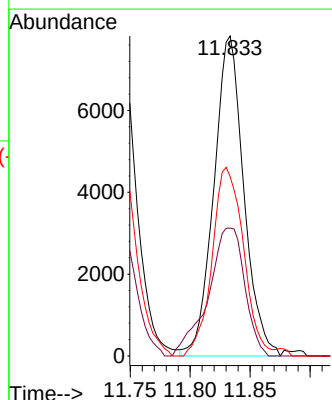
Tgt Ion:146 Resp: 13592

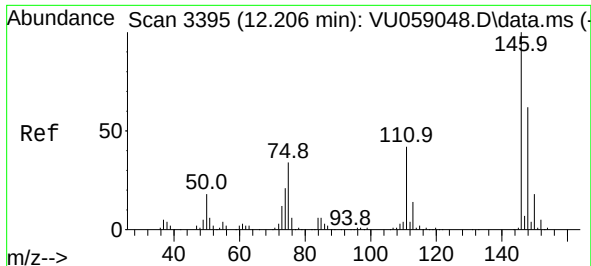
Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.9

148 63.2 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 5.015 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059046.D

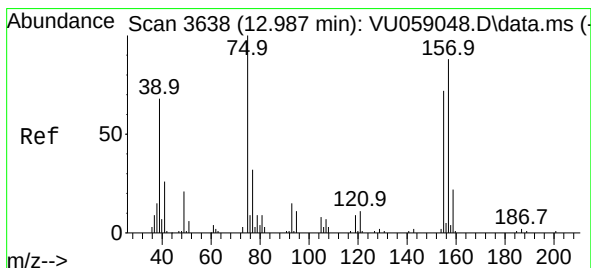
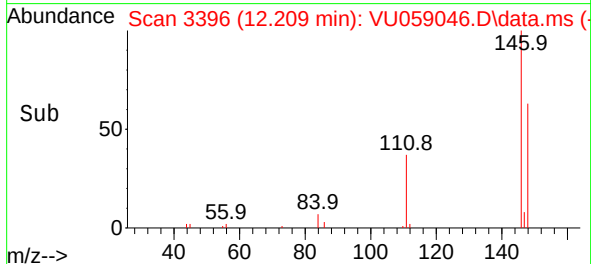
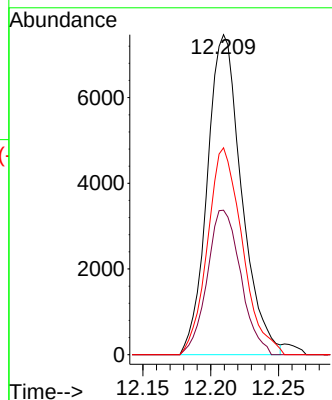
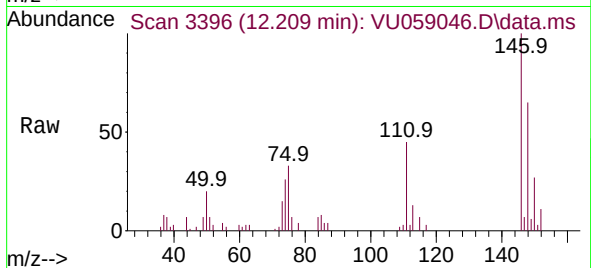
Acq: 29 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	13151
Ion Ratio	Lower	Upper
146	100	
111	42.1	33.4 50.2
148	60.3	49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.015 ug/L

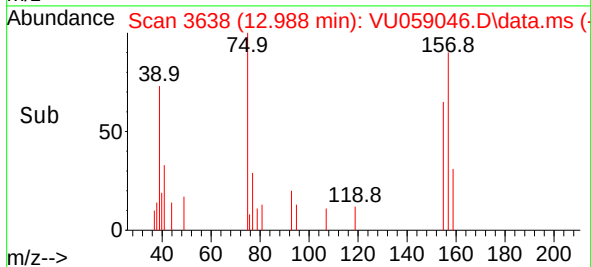
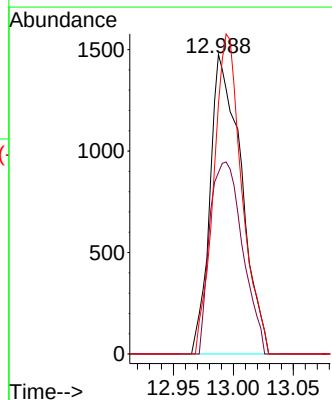
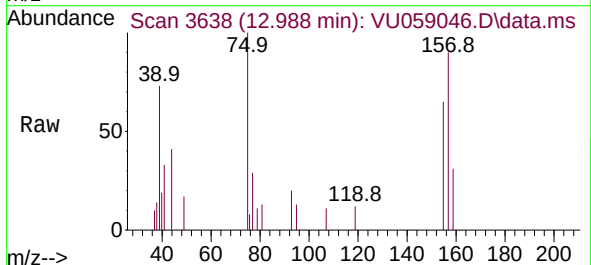
RT: 12.988 min Scan# 3638

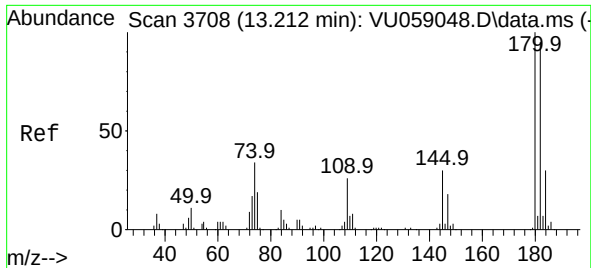
Delta R.T. 0.000 min

Lab File: VU059046.D

Acq: 29 May 2024 12:14

Tgt Ion: 75	Resp:	2661
Ion Ratio	Lower	Upper
75	100	
155	60.6	57.5 86.3
157	83.4	73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 4.650 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.007 min

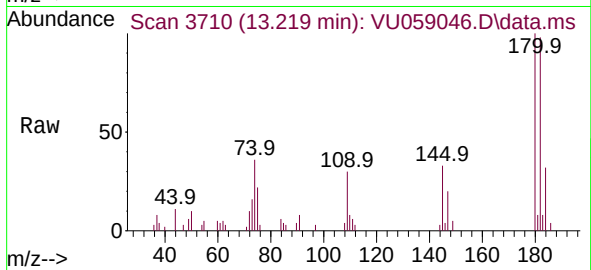
Lab File: VU059046.D

Acq: 29 May 2024 12:14

Instrument :

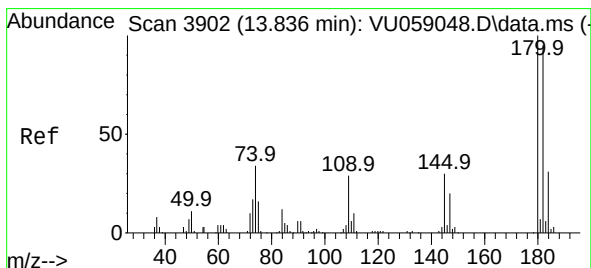
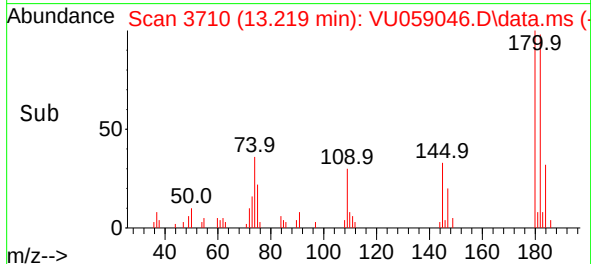
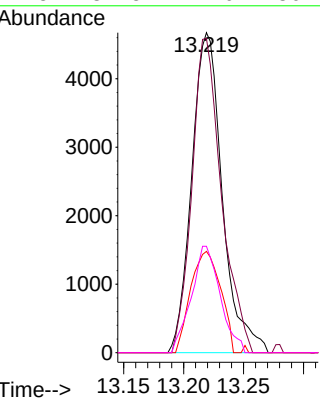
MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8286

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.6	113.4
184	31.1	24.2	36.2
145	31.5	24.0	36.0



#70

1,2,4-trichlorobenzene

Concen: 4.003 ug/L

RT: 13.840 min Scan# 3903

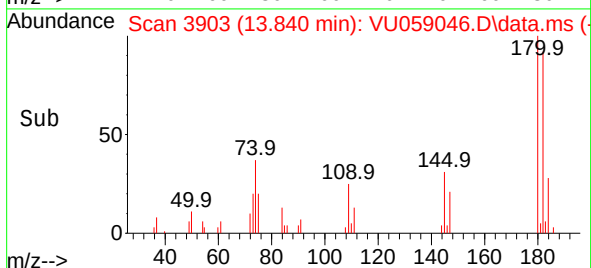
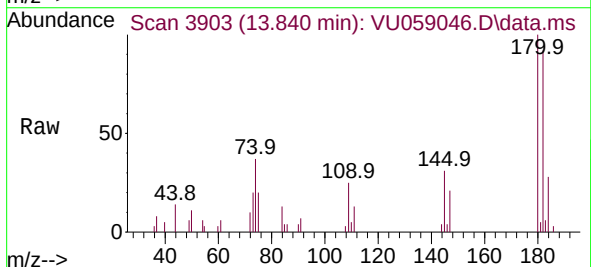
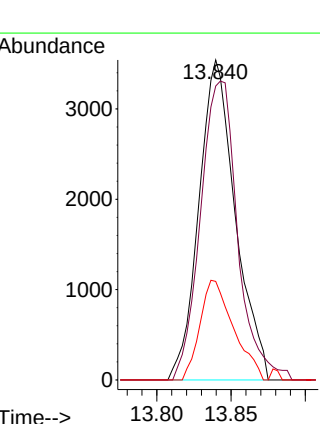
Delta R.T. 0.003 min

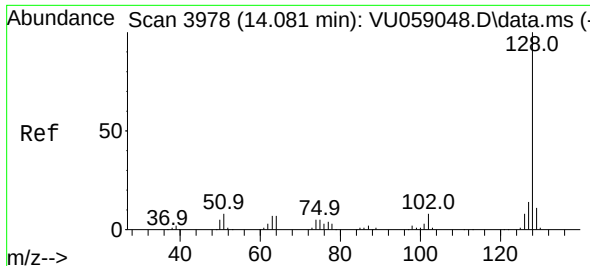
Lab File: VU059046.D

Acq: 29 May 2024 12:14

Tgt Ion:180 Resp: 6062

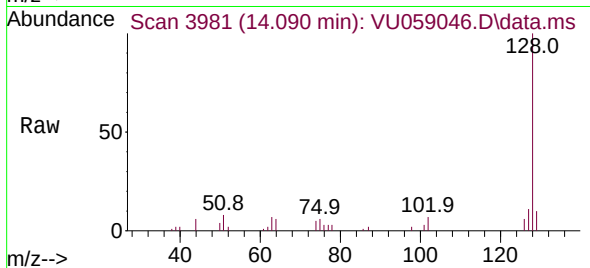
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.4	116.2
145	28.6	24.8	37.2



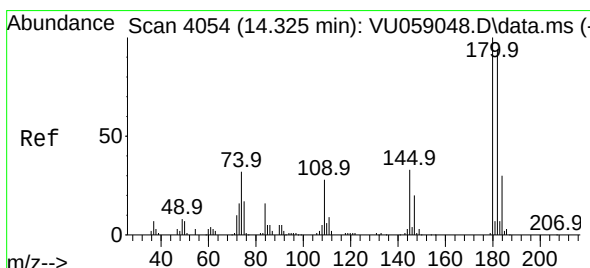
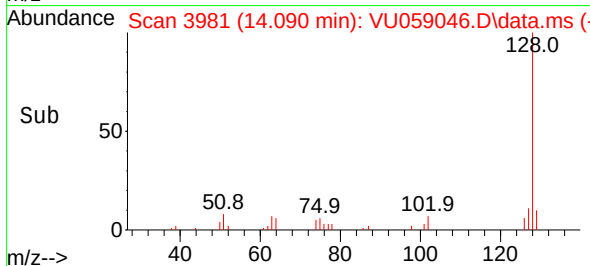
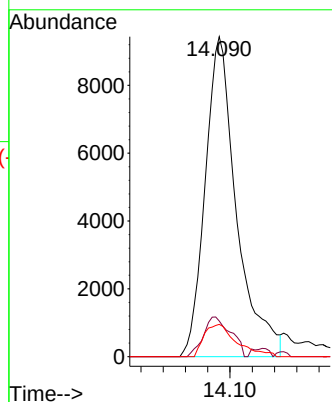


#71
Naphthalene
Concen: 4.181 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 18420
Ion Ratio Lower Upper
128 100
127 10.8 10.4 15.6
129 10.3 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 3.882 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU059046.D
Acq: 29 May 2024 12:14

Tgt Ion:180 Resp: 6003
Ion Ratio Lower Upper
180 100
182 97.5 76.2 114.4
145 35.1 26.4 39.6

