

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058875.D
 Acq On : 14 May 2024 09:34
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156838	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73160	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4738	0.492	ug/L	0.00
7) Chloroethane-d5	1.911	69	4305	0.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1996	0.523	ug/L	0.00
20) 2-Butanone-d5	4.657	46	10343	4.327	ug/L	0.03
24) Chloroform-d	5.052	84	8978	0.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	4975	0.528	ug/L	0.01
32) Benzene-d6	5.727	84	16218	0.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5439	0.451	ug/L	0.00
41) Toluene-d8	7.898	98	15834	0.478	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	1607	0.368	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7438	3.614	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5061	0.484	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5615	0.509	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4852	0.454	ug/L	97
3) Chloromethane	1.515	50	6316	0.503	ug/L	93
5) Vinyl chloride	1.602	62	6292	0.466	ug/L	91
6) Bromomethane	1.856	94	3992	0.475	ug/L	98
8) Chloroethane	1.930	64	4424	0.523	ug/L	100
9) Trichlorofluoromethane	2.136	101	8312	0.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	5301	0.524	ug/L	97
12) 1,1-Dichloroethene	2.576	96	4323	0.470	ug/L	91
13) Acetone	2.653	43	8039	4.874	ug/L	75
14) Carbon disulfide	2.792	76	15573	0.530	ug/L	99
15) Methyl Acetate	2.965	43	1748	0.421	ug/L #	72
16) Methylene chloride	3.039	84	7822	0.586	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	11128	0.454	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	4534	0.458	ug/L	87
19) 1,1-Dichloroethane	3.862	63	9257	0.454	ug/L	97
21) 2-Butanone	4.740	43	7479	2.839	ug/L	83
22) cis-1,2-Dichloroethene	4.669	96	4964	0.429	ug/L	96
23) Bromochloromethane	4.975	128	2171	0.437	ug/L	90
25) Chloroform	5.084	83	10375	0.499	ug/L	97
27) 1,2-Dichloroethane	5.795	62	6276	0.486	ug/L #	94
29) 1,1,1-Trichloroethane	5.313	97	7876	0.469	ug/L	95
30) Cyclohexane	5.380	56	7214	0.448	ug/L	91
31) Carbon tetrachloride	5.515	117	6235	0.446	ug/L	96
33) Benzene	5.772	78	20143	0.446	ug/L	100
34) Trichloroethene	6.541	95	5498	0.463	ug/L	88
35) Methylcyclohexane	6.753	83	6816	0.404	ug/L	96
37) 1,2-Dichloropropane	6.792	63	5992	0.467	ug/L #	92
38) Bromodichloromethane	7.100	83	7162	0.475	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	7421	0.426	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	26747	3.897	ug/L	96
42) Toluene	7.968	91	19153	0.402	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	6264	0.432	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058875.D
 Acq On : 14 May 2024 09:34
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

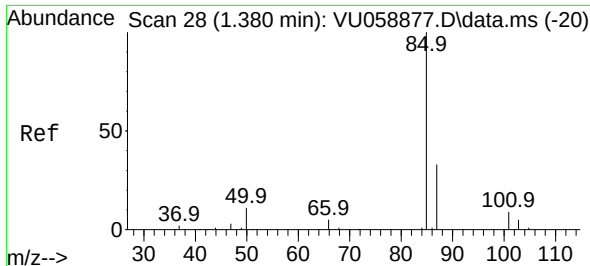
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	4168	0.478	ug/L	92
47) Tetrachloroethene	8.550	164	3893	0.472	ug/L	97
48) 2-Hexanone	8.685	43	17671	3.485	ug/L	96
49) Dibromochloromethane	8.804	129	4122	0.433	ug/L	94
51) Chlorobenzene	9.441	112	13298	0.442	ug/L	95
52) Ethylbenzene	9.566	91	20882	0.405	ug/L	99
53) m,p-Xylene	9.692	106	7047	0.367	ug/L	96
54) o-Xylene	10.097	106	7092	0.384	ug/L	93
55) Styrene	10.113	104	10784	0.339	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.779	83	5249	0.468	ug/L	92
59) Bromoform	10.287	173	2400	0.468	ug/L #	96
60) Isopropylbenzene	10.480	105	18641	0.415	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	3545	0.504	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	14430	0.397	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	13759	0.379	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	10209	0.468	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	10700	0.480	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	9171	0.440	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.997	75	685	0.459	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	7355	0.448	ug/L	94
70) 1,2,4-trichlorobenzene	13.840	180	6139	0.426	ug/L #	94
71) Naphthalene	14.090	128	7571	0.318	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4932	0.382	ug/L	91

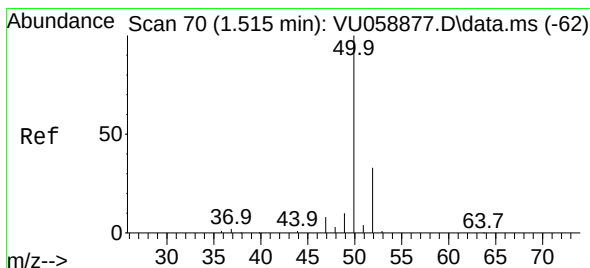
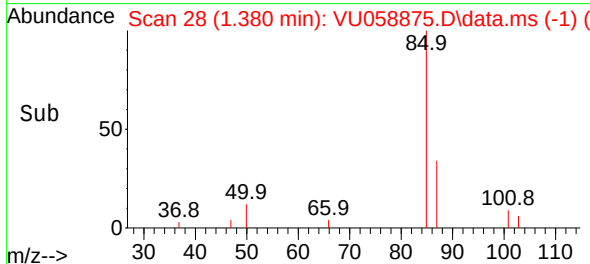
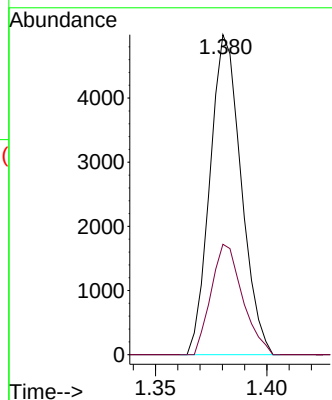
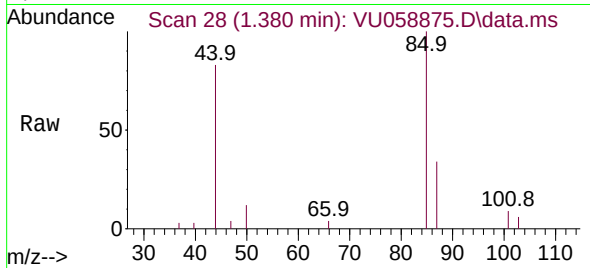
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.454 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

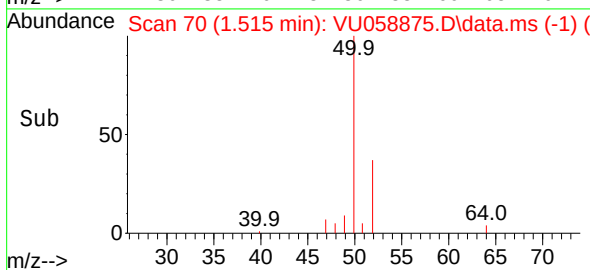
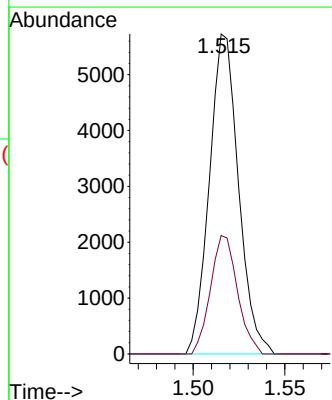
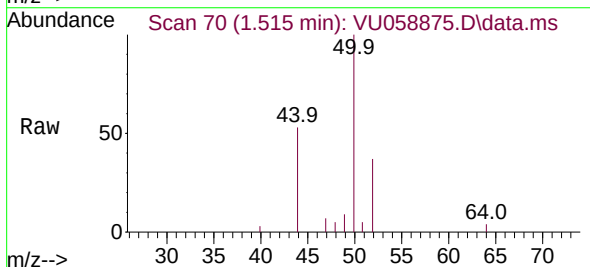
Instrument :
 MSVOA_U
 ClientSampleId :

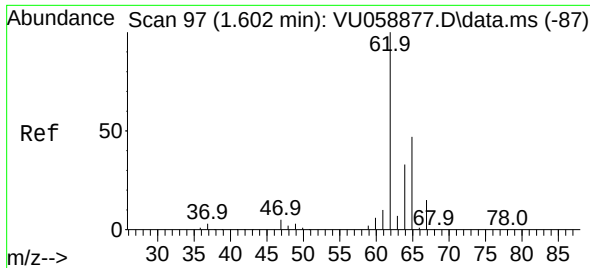
Tgt Ion: 85 Resp: 4852
 Ion Ratio Lower Upper
 85 100
 87 34.7 26.6 40.0



#3
 Chloromethane
 Concen: 0.503 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

Tgt Ion: 50 Resp: 6316
 Ion Ratio Lower Upper
 50 100
 52 37.0 23.2 43.0

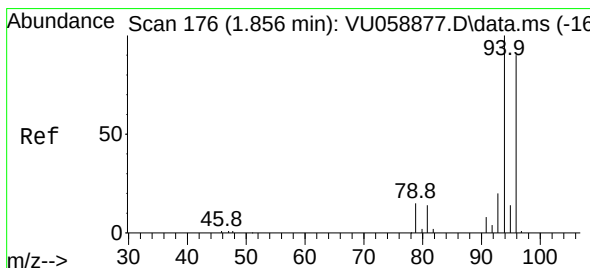
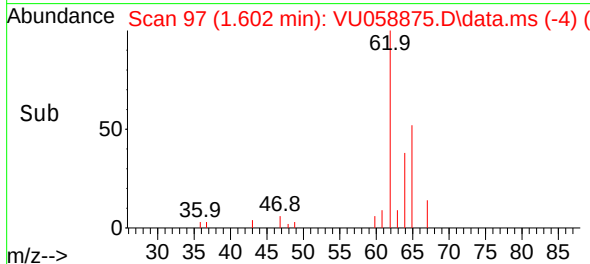
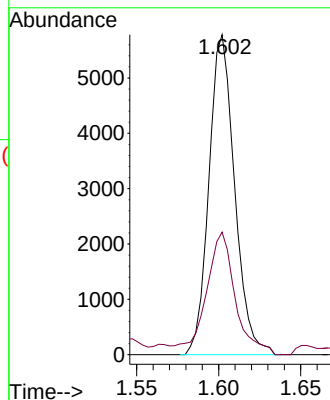
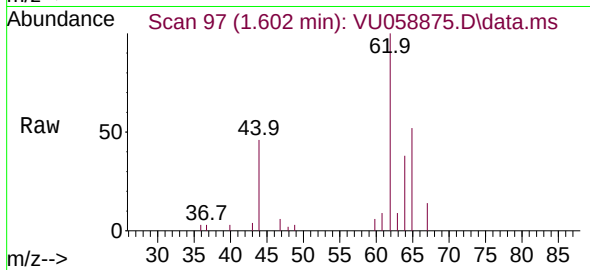




#5
 Vinyl chloride
 Concen: 0.466 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

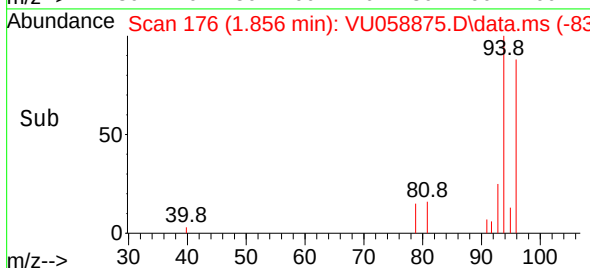
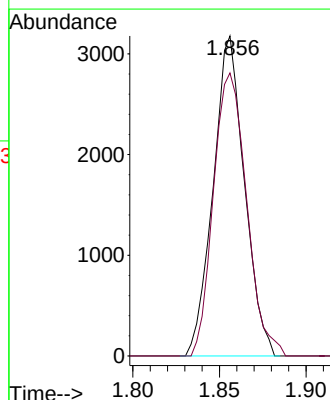
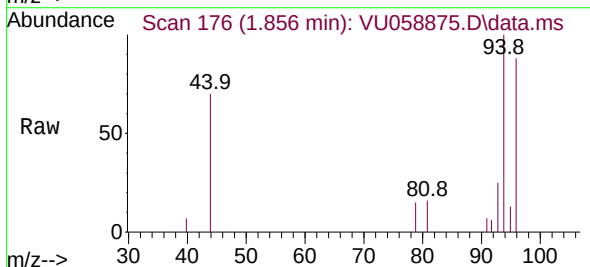
Instrument :
 MSVOA_U
 ClientSampleId :

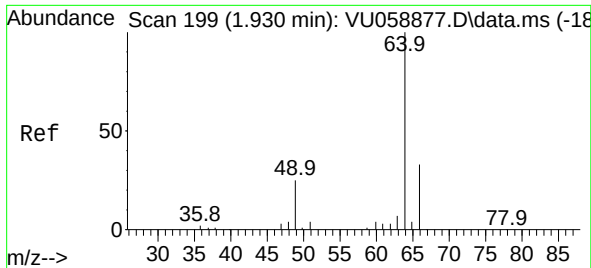
Tgt Ion: 62 Resp: 6292
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.1 42.9



#6
 Bromomethane
 Concen: 0.475 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

Tgt Ion: 94 Resp: 3992
 Ion Ratio Lower Upper
 94 100
 96 88.5 62.9 116.9

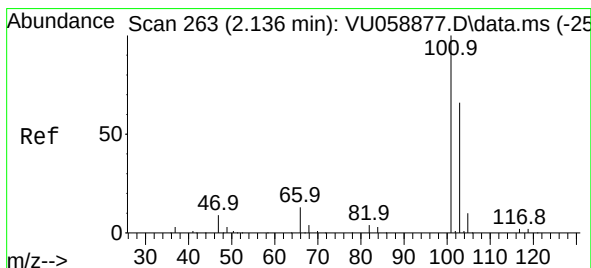
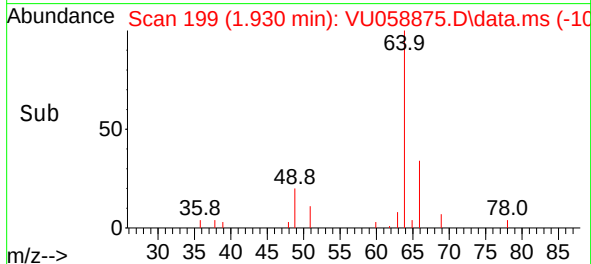
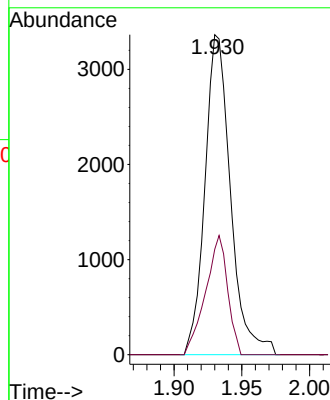
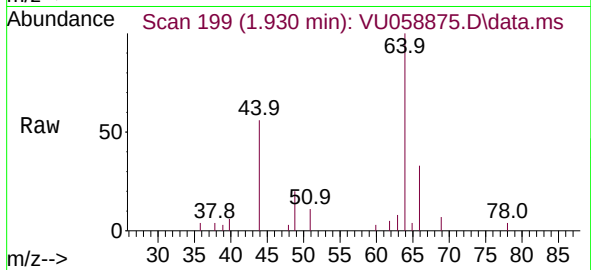




#8
Chloroethane
Concen: 0.523 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

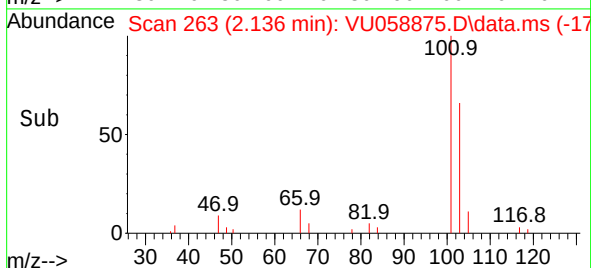
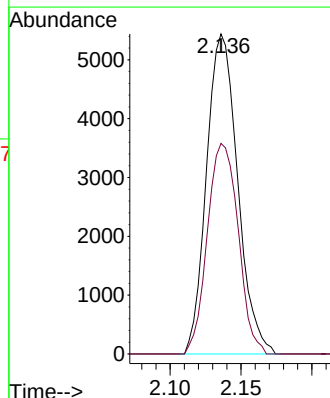
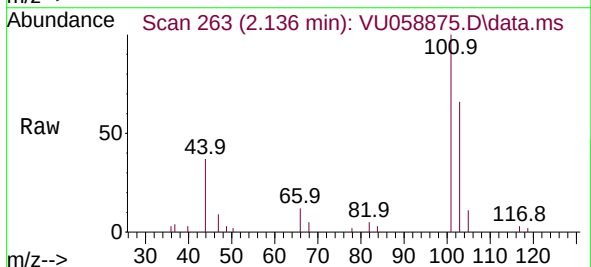
Instrument :
MSVOA_U
ClientSampleId :

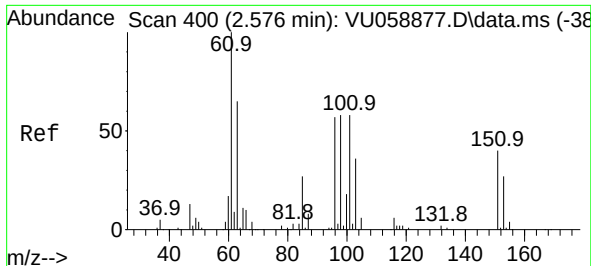
Tgt Ion: 64 Resp: 4424
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.491 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion:101 Resp: 8312
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

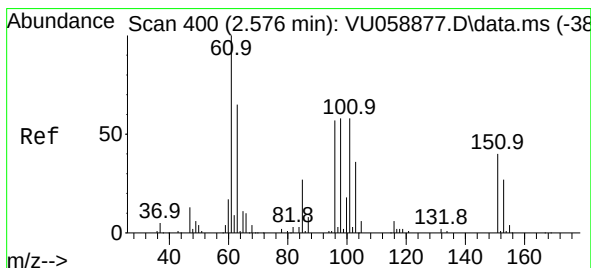
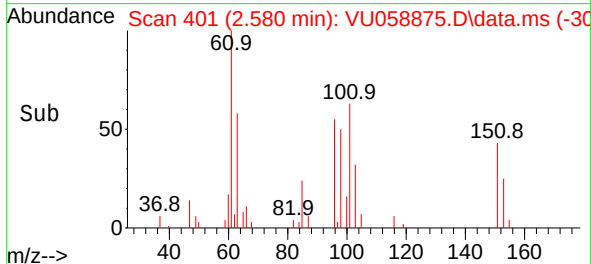
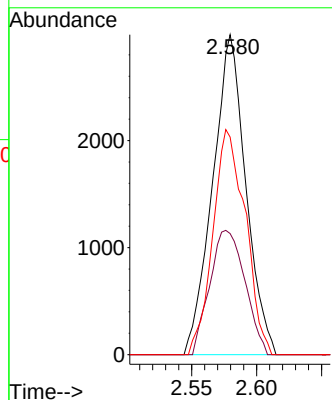
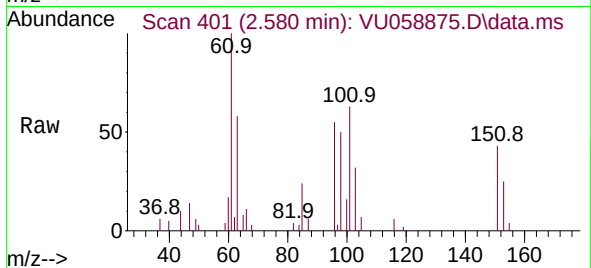




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.524 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

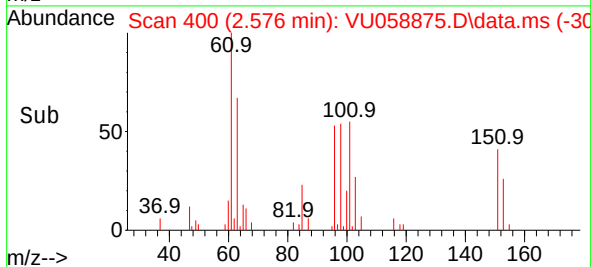
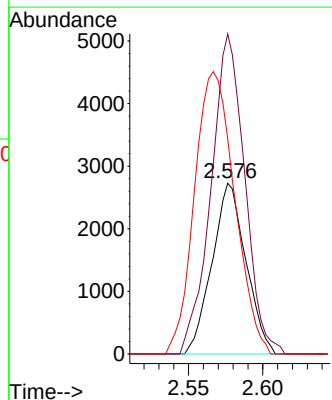
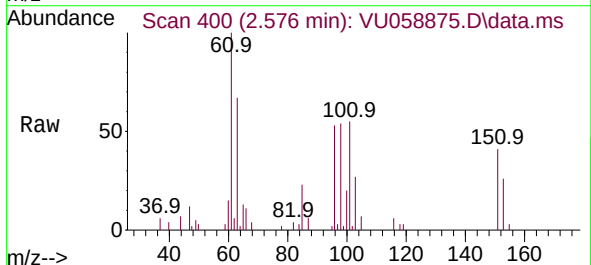
Instrument :
MSVOA_U
ClientSampleId :

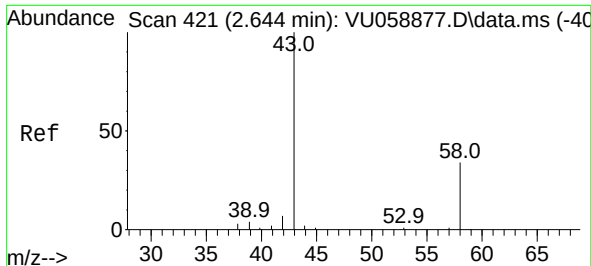
Tgt Ion:101 Resp: 5301
Ion Ratio Lower Upper
101 100
85 41.2 36.2 54.4
151 68.9 55.5 83.3



#12
1,1-Dichloroethene
Concen: 0.470 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 96 Resp: 4323
Ion Ratio Lower Upper
96 100
61 187.5 122.9 228.3
63 126.0 80.4 149.4





#13

Acetone

Concen: 4.874 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

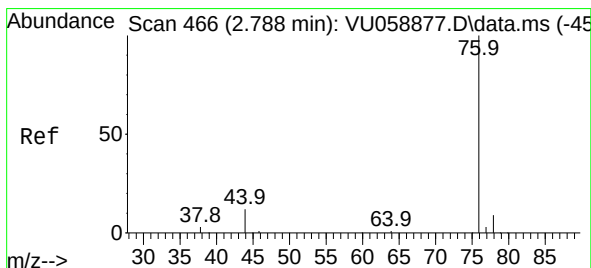
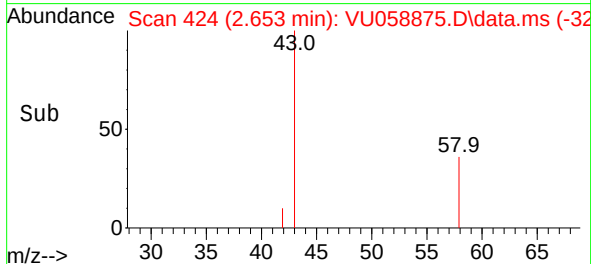
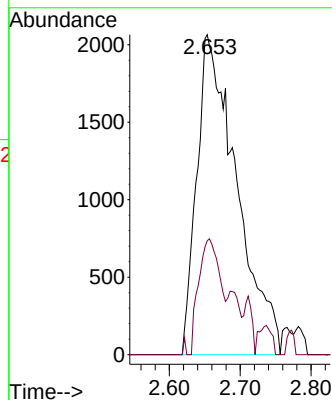
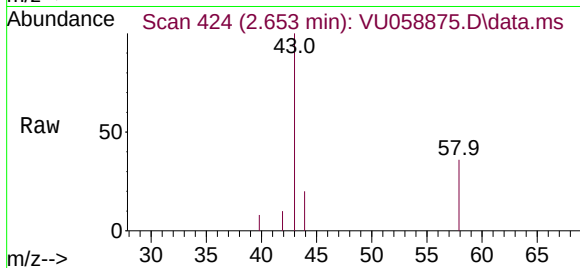
ClientSampleId :

Tgt Ion: 43 Resp: 8039

Ion Ratio Lower Upper

43 100

58 19.7 0.0 68.0



#14

Carbon disulfide

Concen: 0.530 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU058875.D

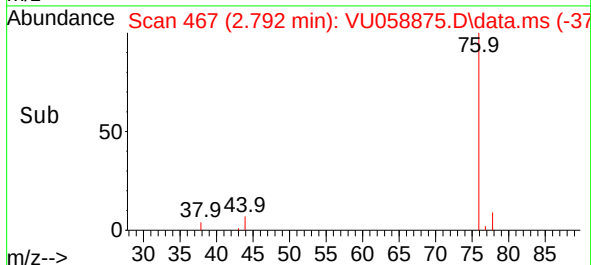
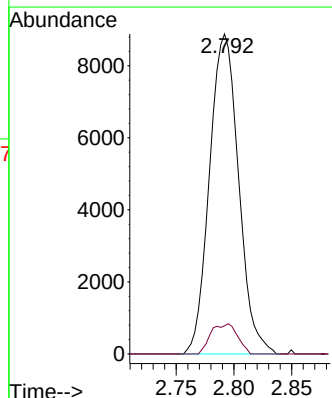
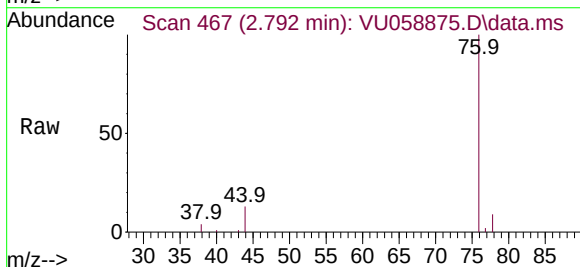
Acq: 14 May 2024 09:34

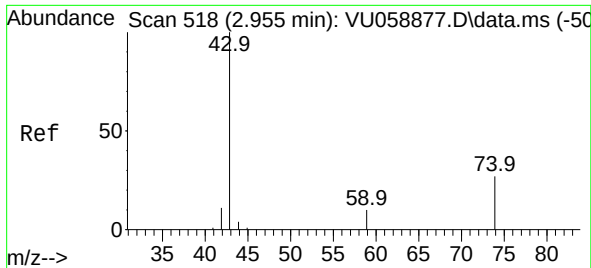
Tgt Ion: 76 Resp: 15573

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 0.421 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

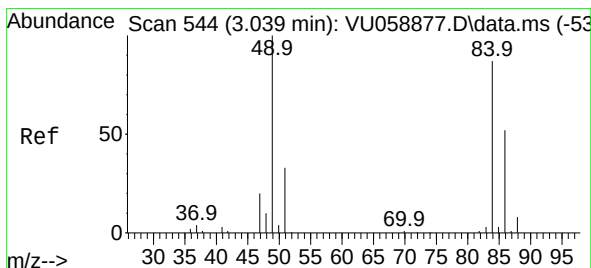
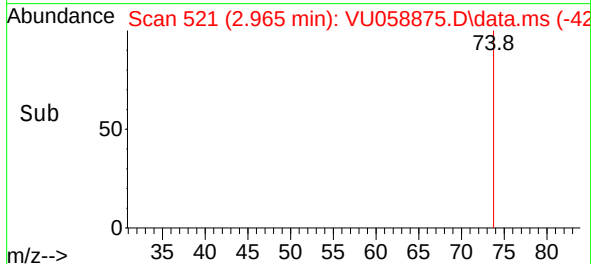
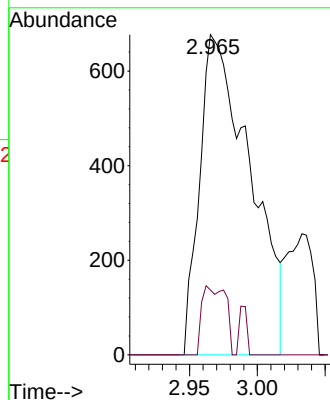
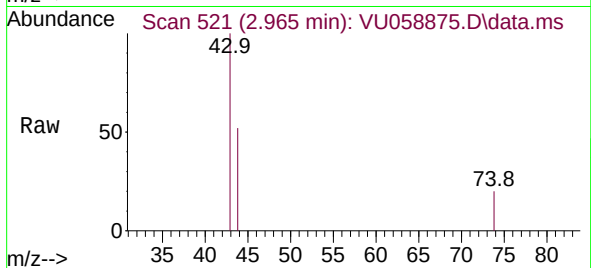
ClientSampleId :

Tgt Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

74 10.1 19.2 28.8#



#16

Methylene chloride

Concen: 0.586 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

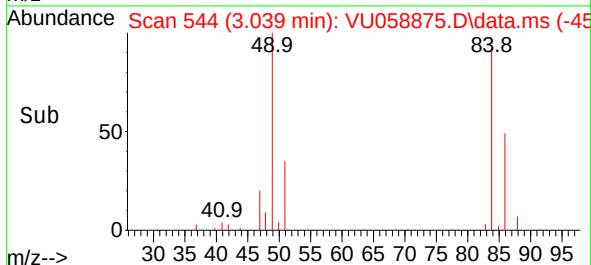
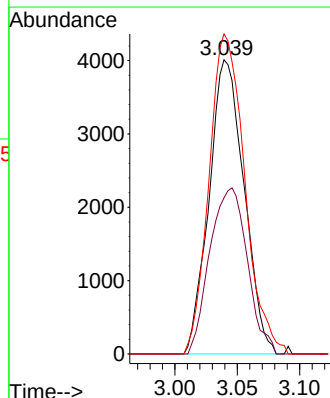
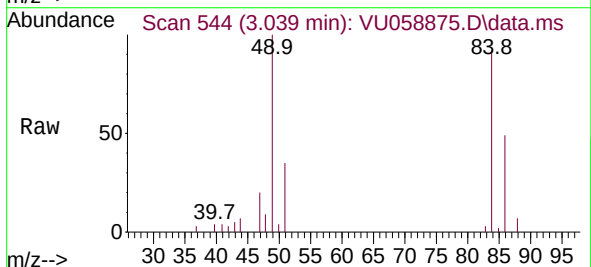
Tgt Ion: 84 Resp: 7822

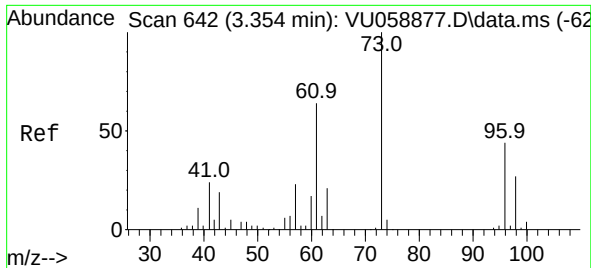
Ion Ratio Lower Upper

84 100

86 53.1 42.1 78.1

49 108.7 80.6 149.8

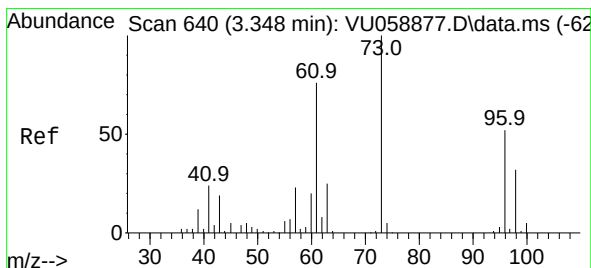
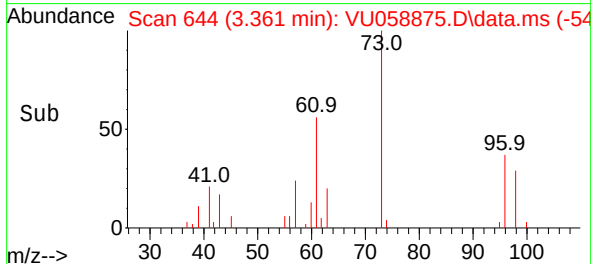
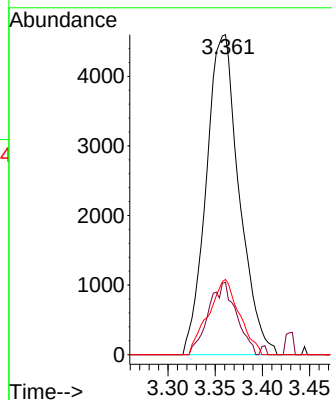
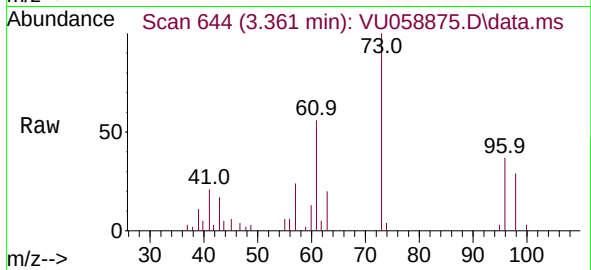




#17
Methyl tert-butyl Ether
Concen: 0.454 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

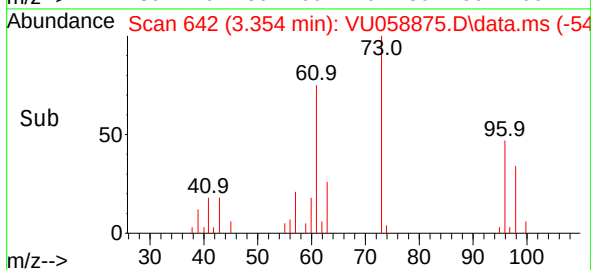
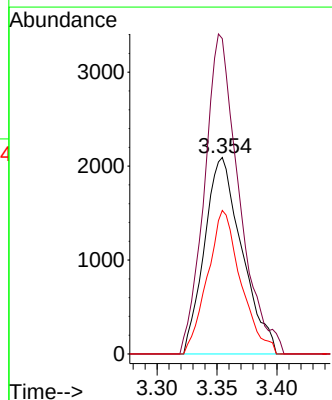
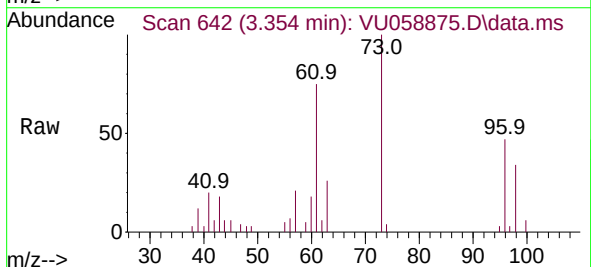
Instrument :
MSVOA_U
ClientSampleId :

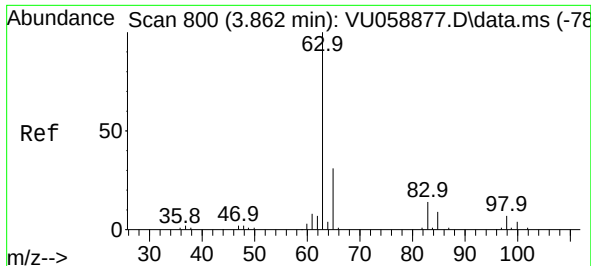
Tgt Ion: 73 Resp: 11128
Ion Ratio Lower Upper
73 100
43 19.4 14.9 22.3
57 22.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.458 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

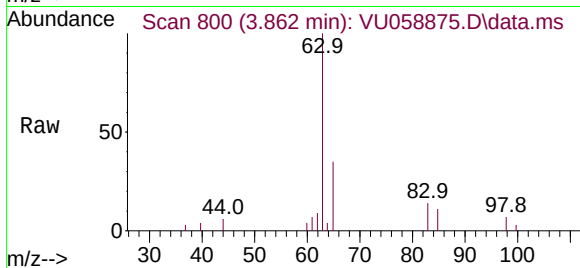
Tgt Ion: 96 Resp: 4534
Ion Ratio Lower Upper
96 100
61 160.5 101.8 189.0
98 73.1 43.3 80.5



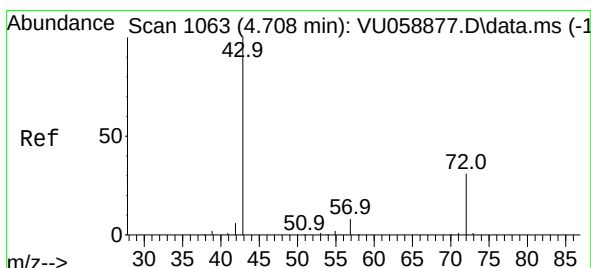
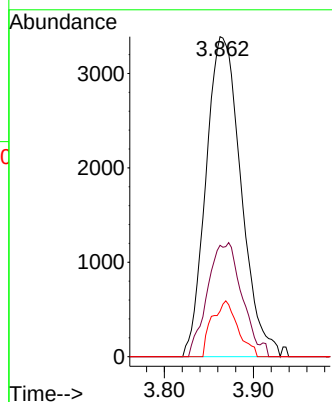
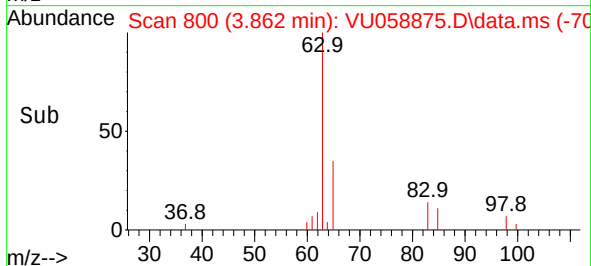


#19
1,1-Dichloroethane
Concen: 0.454 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Instrument :
MSVOA_U
ClientSampleId :

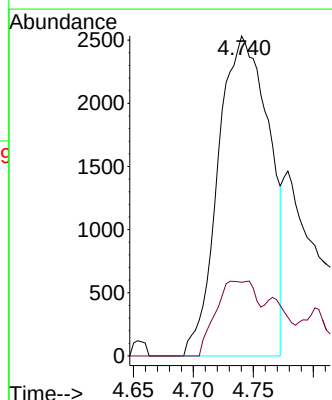
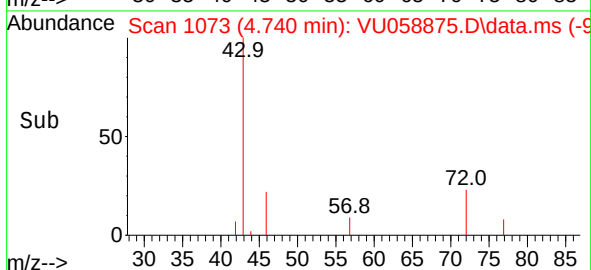
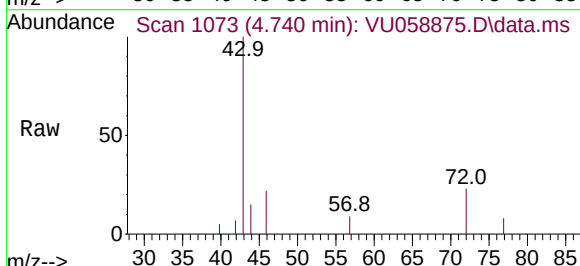


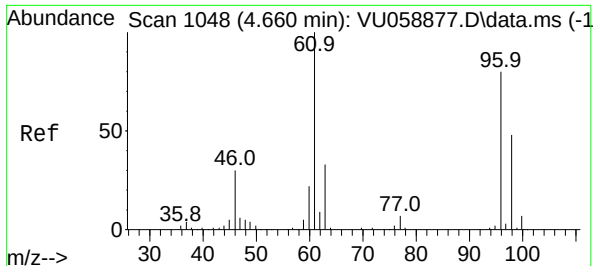
Tgt Ion: 63 Resp: 9257
Ion Ratio Lower Upper
63 100
65 33.6 21.8 40.6
83 13.7 9.9 18.5



#21
2-Butanone
Concen: 2.839 ug/L
RT: 4.740 min Scan# 1073
Delta R.T. 0.032 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 43 Resp: 7479
Ion Ratio Lower Upper
43 100
72 18.7 13.8 41.4

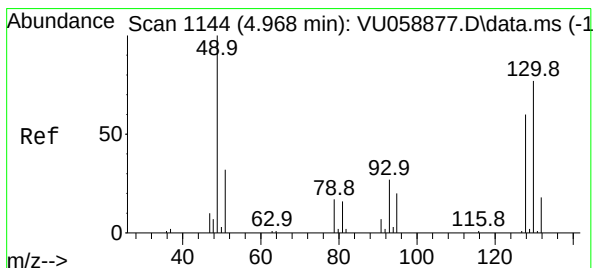
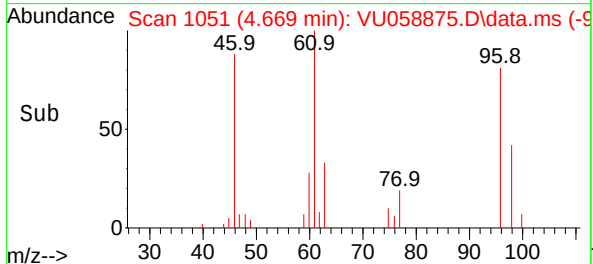
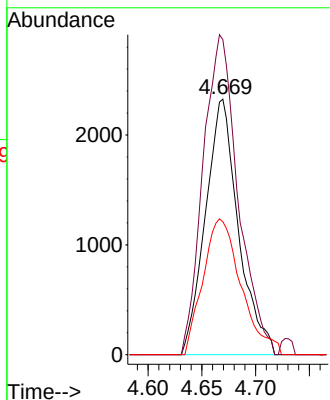
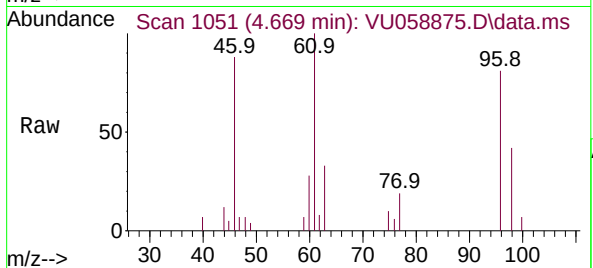




#22
 cis-1,2-Dichloroethene
 Concen: 0.429 ug/L
 RT: 4.669 min Scan# 1048
 Delta R.T. 0.010 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

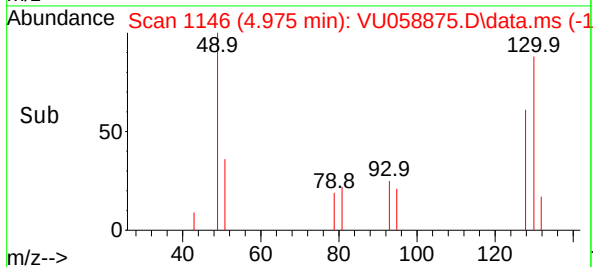
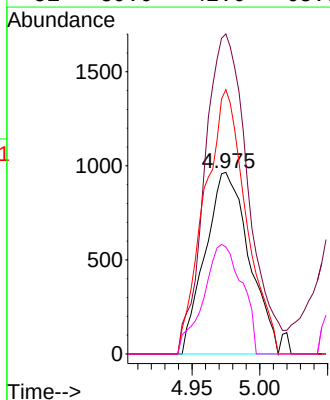
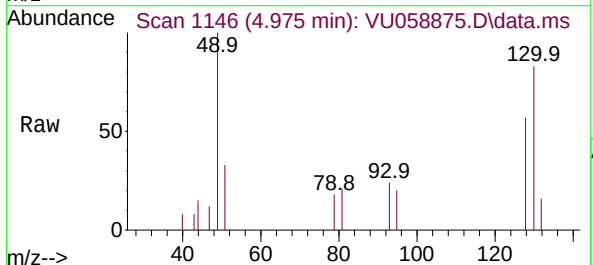
Instrument :
 MSVOA_U
 ClientSampleId :

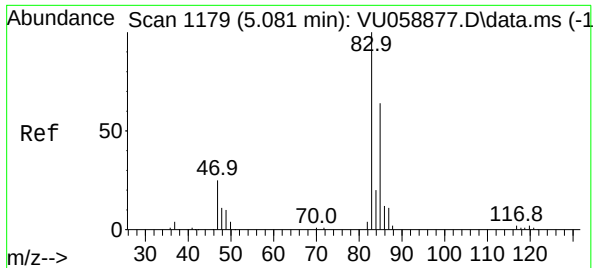
Tgt Ion: 96 Resp: 4964
 Ion Ratio Lower Upper
 96 100
 61 123.3 87.4 162.2
 98 52.0 42.3 78.5



#23
 Bromochloromethane
 Concen: 0.437 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.007 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

Tgt Ion:128 Resp: 2171
 Ion Ratio Lower Upper
 128 100
 49 176.3 117.0 217.4
 130 145.6 89.6 166.4
 51 59.0 42.0 63.0





#25

Chloroform

Concen: 0.499 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

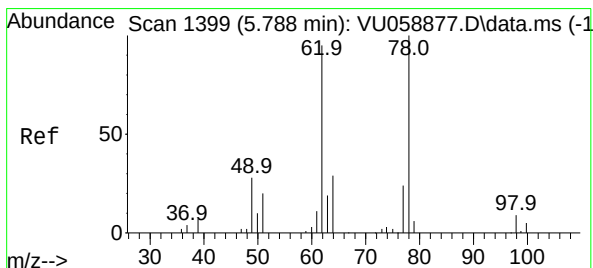
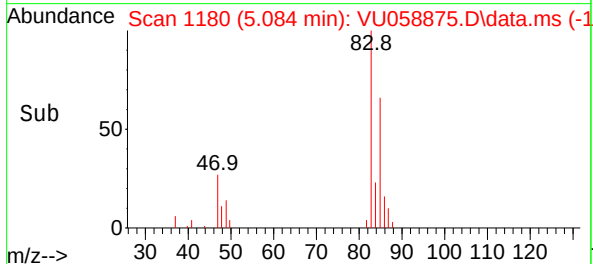
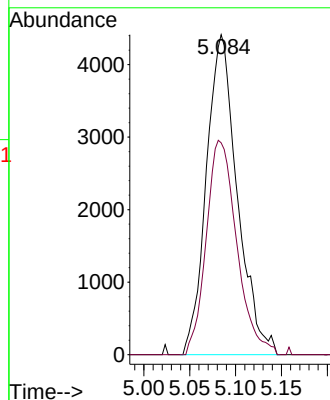
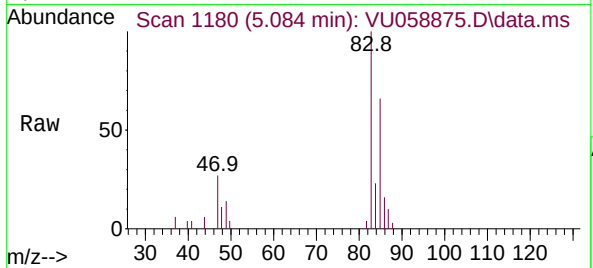
ClientSampleId :

Tgt Ion: 83 Resp: 10375

Ion Ratio Lower Upper

83 100

85 66.2 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.486 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.007 min

Lab File: VU058875.D

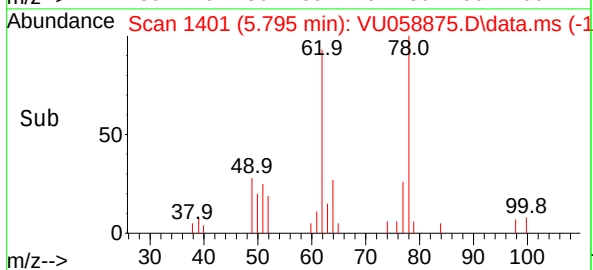
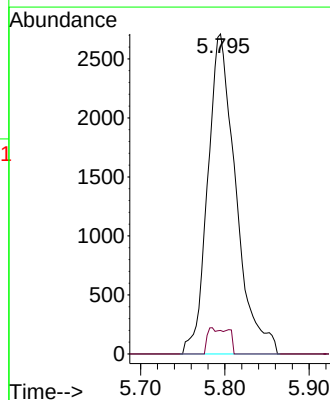
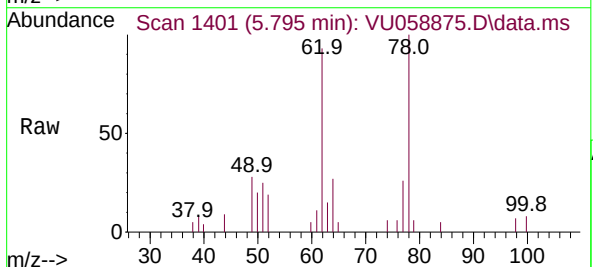
Acq: 14 May 2024 09:34

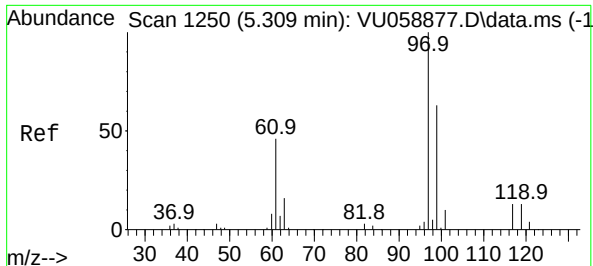
Tgt Ion: 62 Resp: 6276

Ion Ratio Lower Upper

62 100

98 7.3 7.5 11.3#

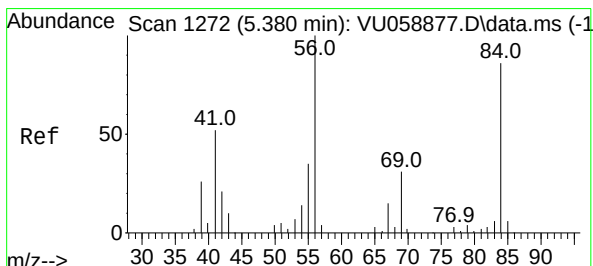
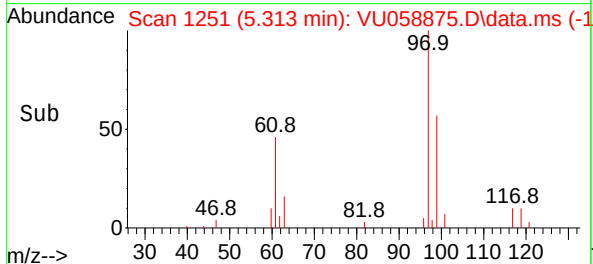
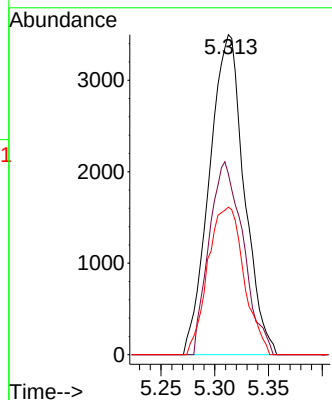
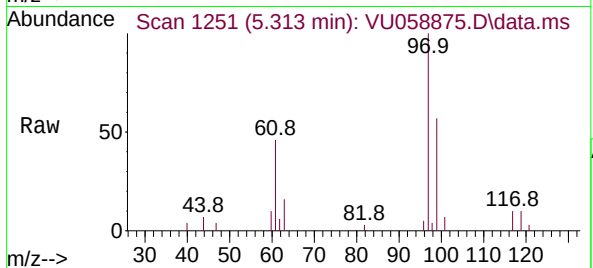




#29
1,1,1-Trichloroethane
Concen: 0.469 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

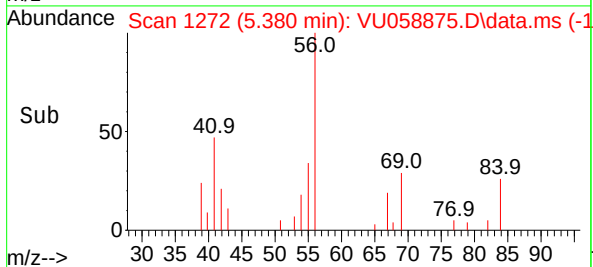
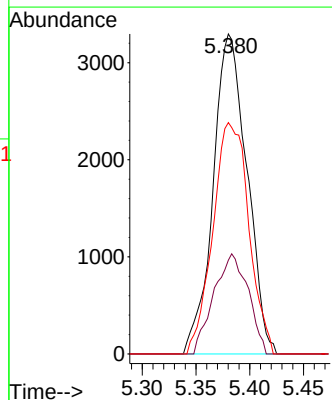
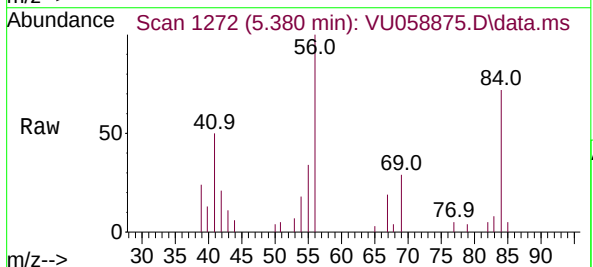
Instrument :
MSVOA_U
ClientSampleId :

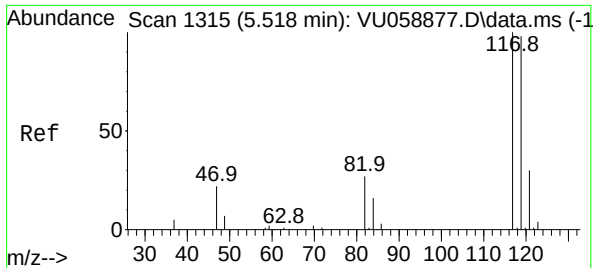
Tgt Ion: 97 Resp: 7876
Ion Ratio Lower Upper
97 100
99 59.0 51.8 77.6
61 47.7 37.4 56.2



#30
Cyclohexane
Concen: 0.448 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 56 Resp: 7214
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 76.8 69.8 104.8

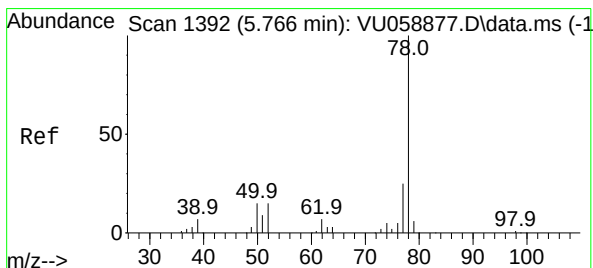
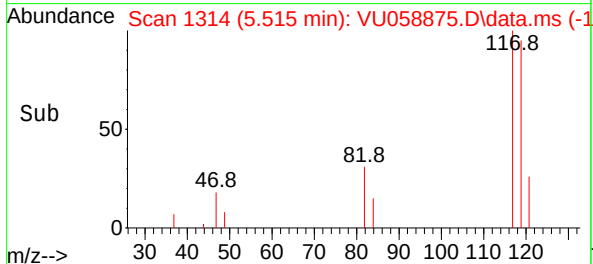
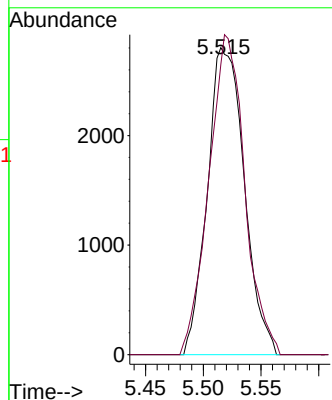
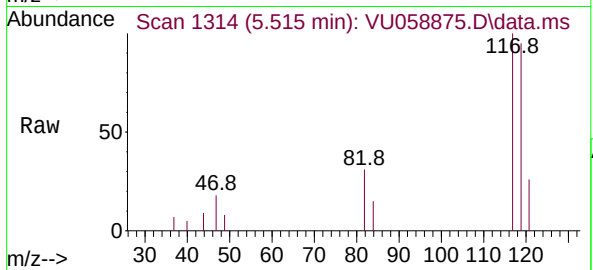




#31
Carbon tetrachloride
Concen: 0.446 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

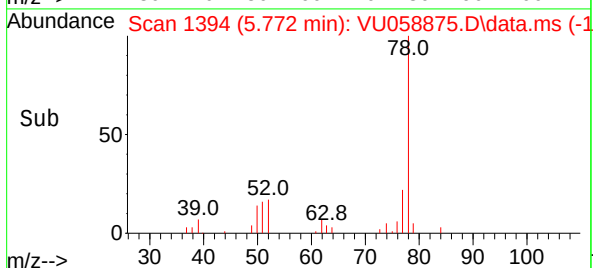
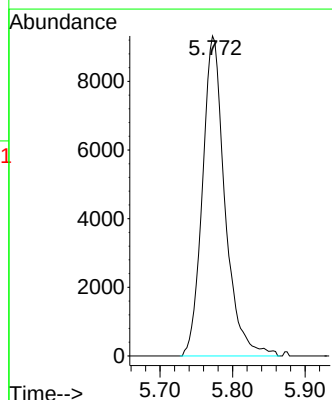
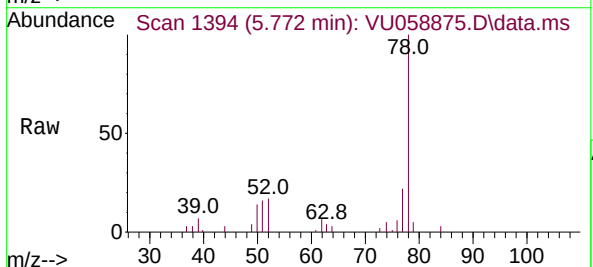
Instrument :
MSVOA_U
ClientSampleId :

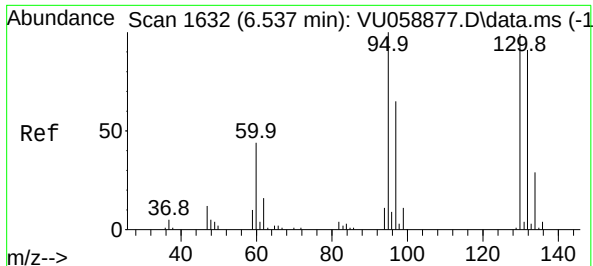
Tgt Ion:117 Resp: 6235
Ion Ratio Lower Upper
117 100
119 101.3 77.5 116.3



#33
Benzene
Concen: 0.446 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.007 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 78 Resp: 20143





#34

Trichloroethene

Concen: 0.463 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5498

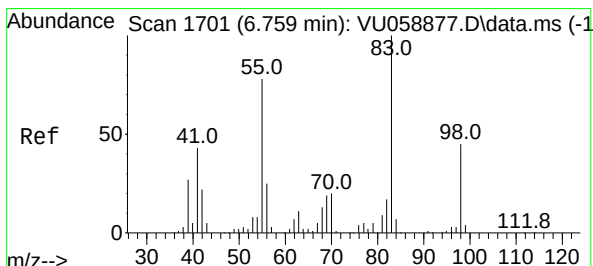
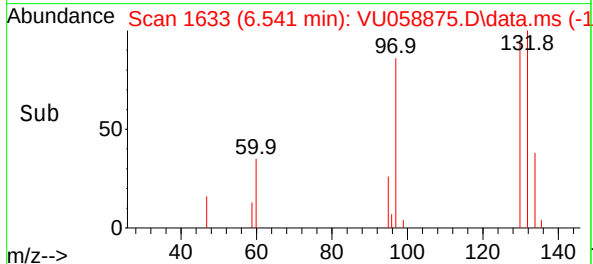
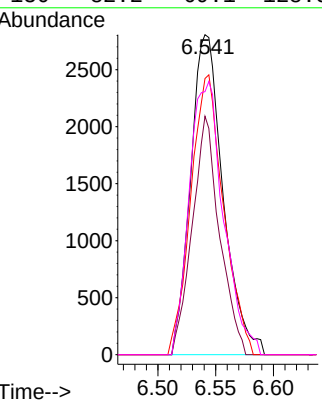
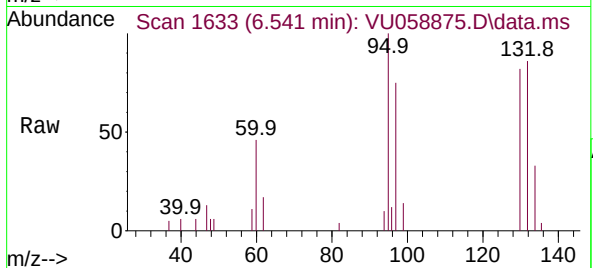
Ion Ratio Lower Upper

95 100

97 74.5 45.3 84.1

132 86.3 64.0 119.0

130 82.2 69.1 128.3



#35

Methylcyclohexane

Concen: 0.404 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

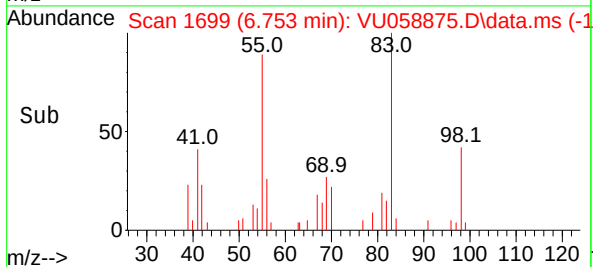
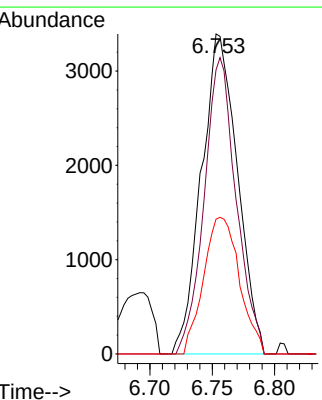
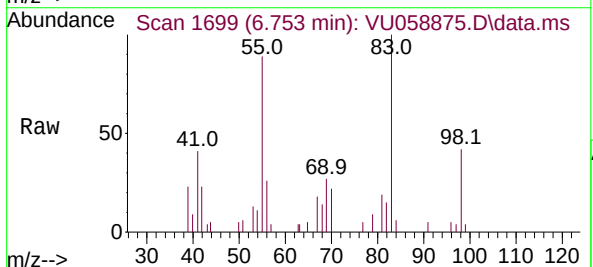
Tgt Ion: 83 Resp: 6816

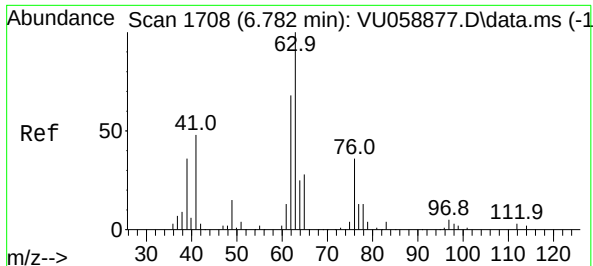
Ion Ratio Lower Upper

83 100

55 82.4 62.7 94.1

98 42.6 35.4 53.0

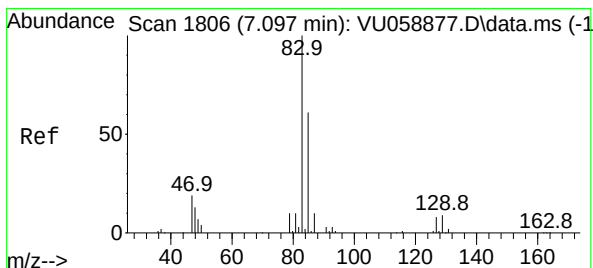
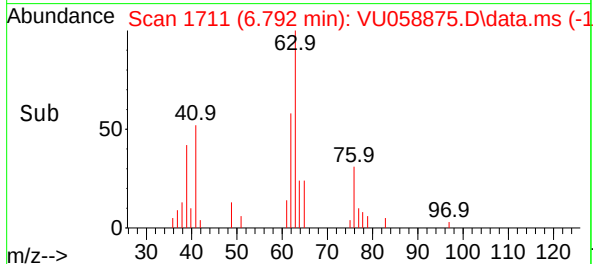
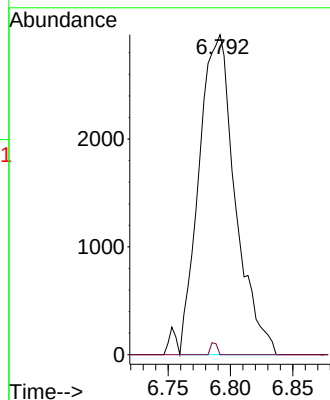
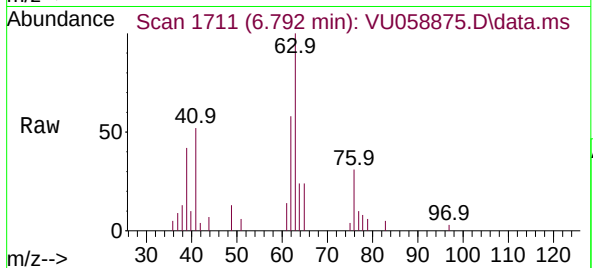




#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.792 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

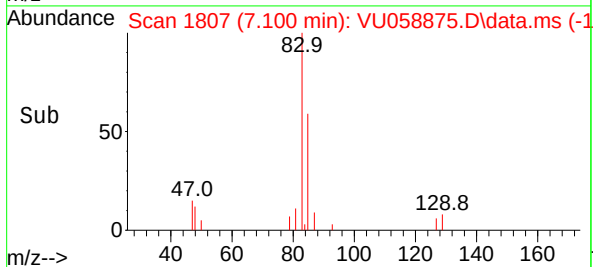
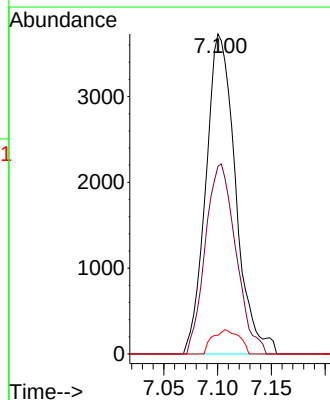
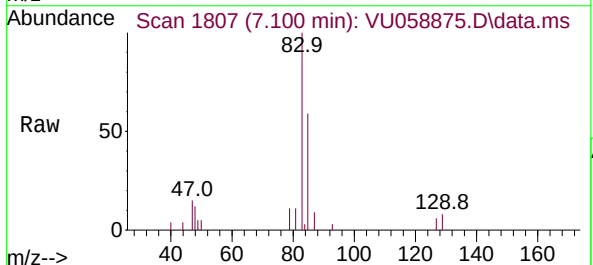
Instrument :
MSVOA_U
ClientSampleId :

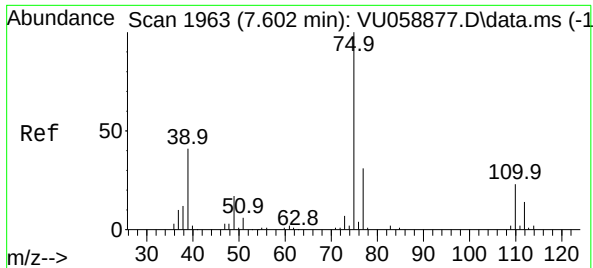
Tgt Ion: 63 Resp: 5992
Ion Ratio Lower Upper
63 100
112 0.7 2.6 3.8#



#38
Bromodichloromethane
Concen: 0.475 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 83 Resp: 7162
Ion Ratio Lower Upper
83 100
85 58.6 42.7 79.3
127 5.8 6.1 9.1#

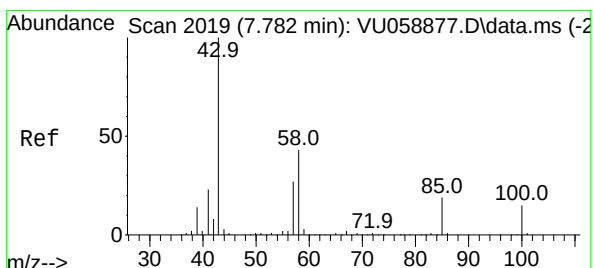
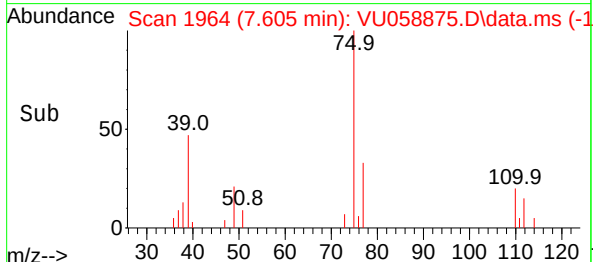
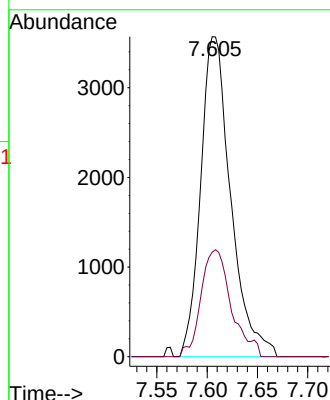
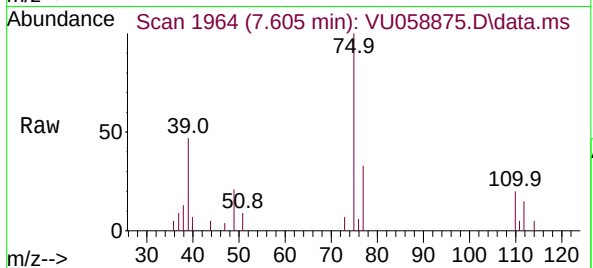




#39
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

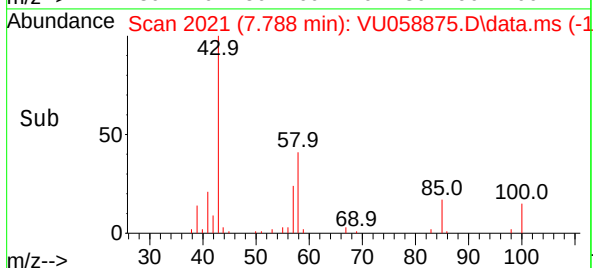
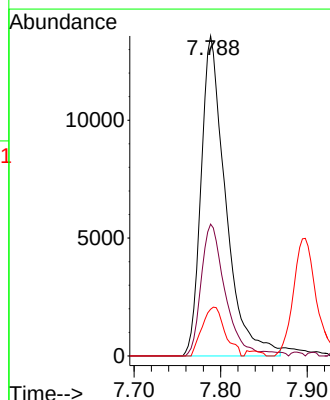
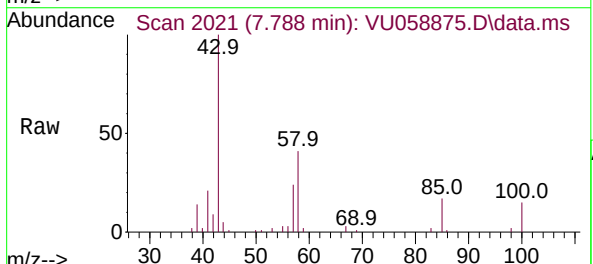
Instrument :
 MSVOA_U
 ClientSampleId :

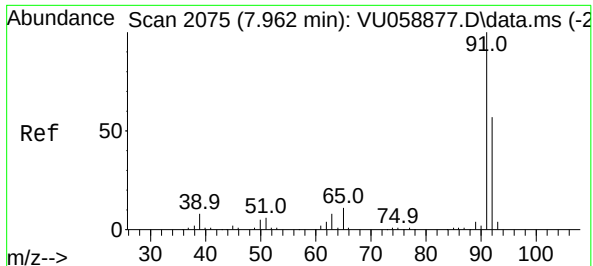
Tgt Ion: 75 Resp: 7421
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 3.897 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.007 min
 Lab File: VU058875.D
 Acq: 14 May 2024 09:34

Tgt Ion: 43 Resp: 26747
 Ion Ratio Lower Upper
 43 100
 58 39.9 34.0 51.0
 100 14.1 12.1 18.1





#42

Toluene

Concen: 0.402 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

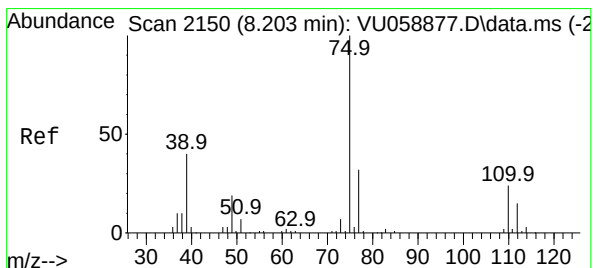
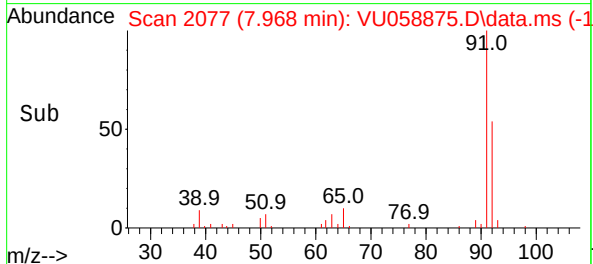
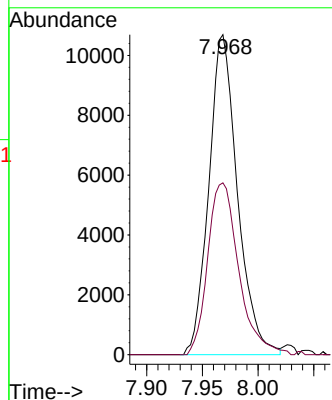
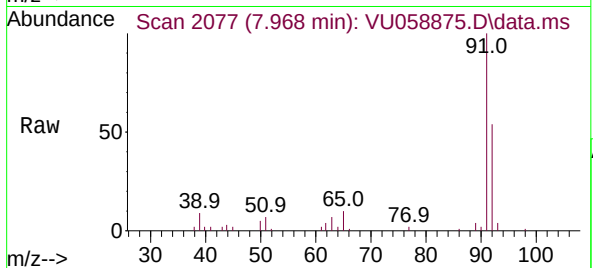
ClientSampleId :

Tgt Ion: 91 Resp: 19153

Ion Ratio Lower Upper

91 100

92 53.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.432 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU058875.D

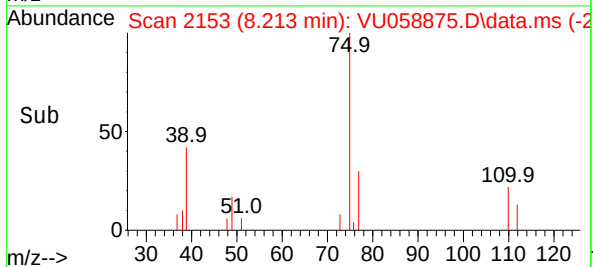
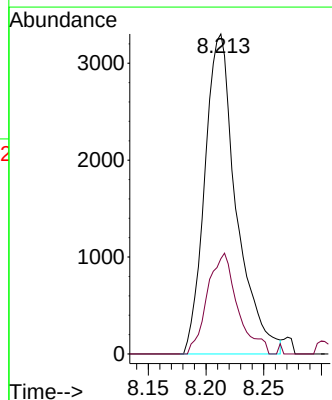
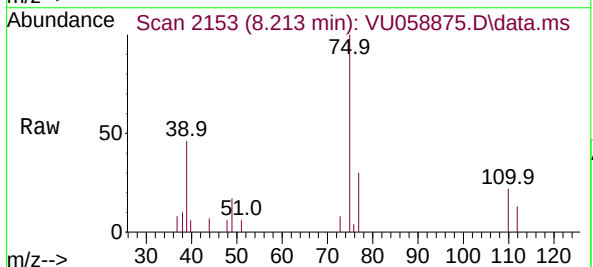
Acq: 14 May 2024 09:34

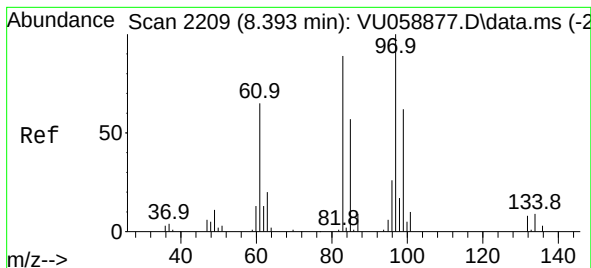
Tgt Ion: 75 Resp: 6264

Ion Ratio Lower Upper

75 100

77 29.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.478 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 4168

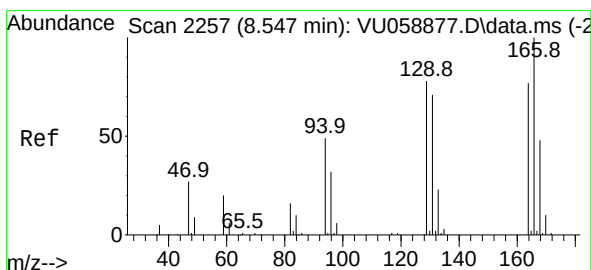
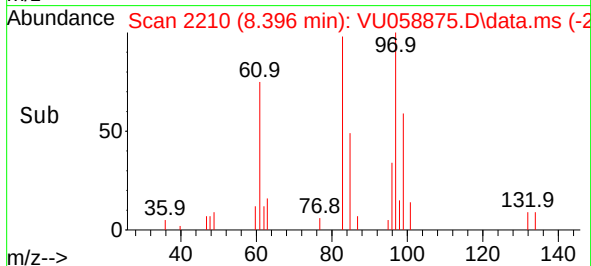
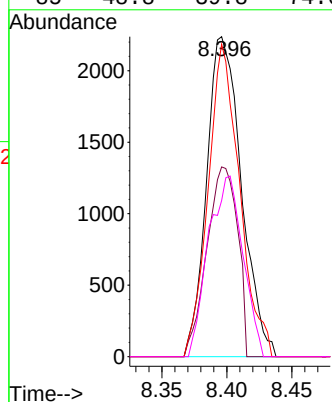
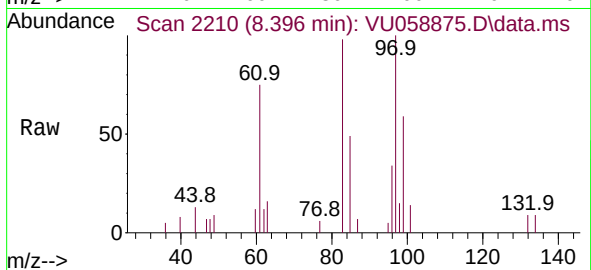
Ion Ratio Lower Upper

97 100

99 59.3 43.3 80.3

83 97.7 62.3 115.7

85 48.8 39.8 74.0



#47

Tetrachloroethene

Concen: 0.472 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Tgt Ion:164 Resp: 3893

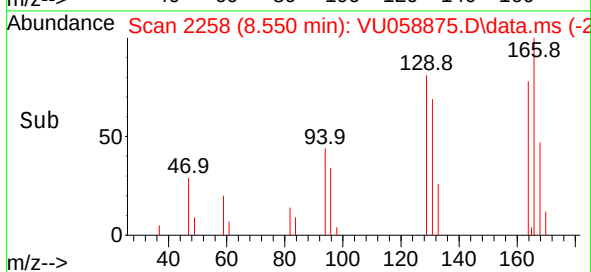
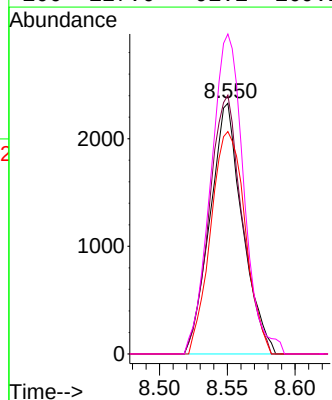
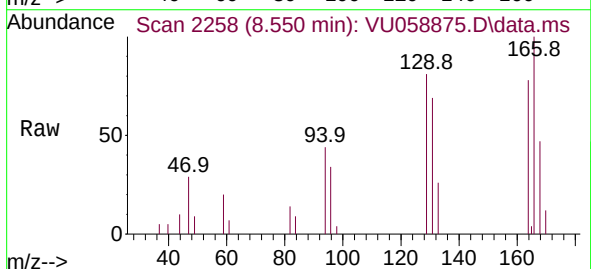
Ion Ratio Lower Upper

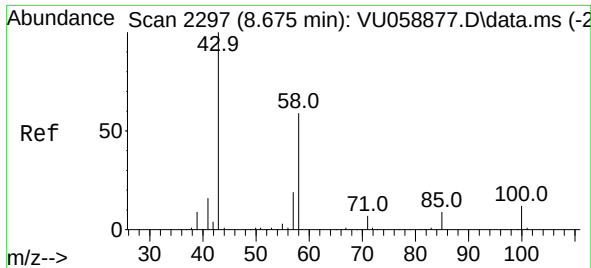
164 100

129 103.2 70.8 131.4

131 88.7 64.8 120.3

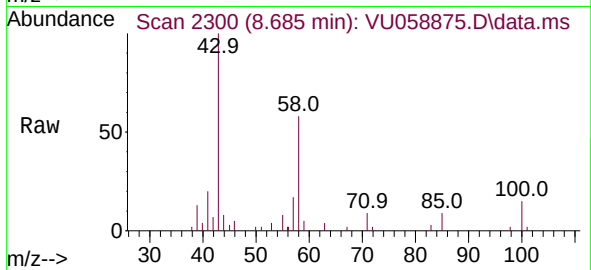
166 127.6 91.1 169.1





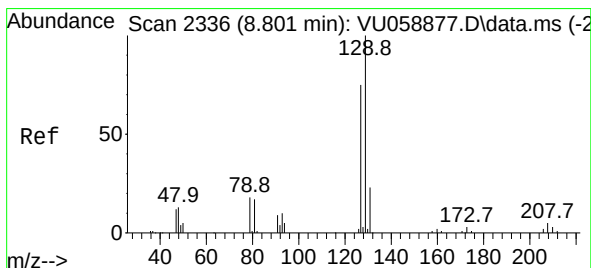
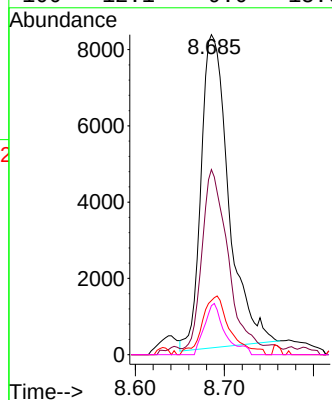
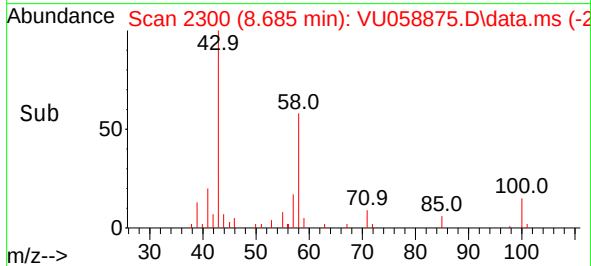
#48
2-Hexanone
Concen: 3.485 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 17671

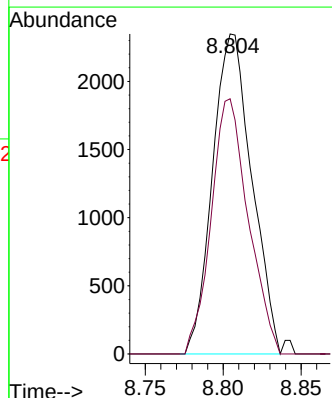
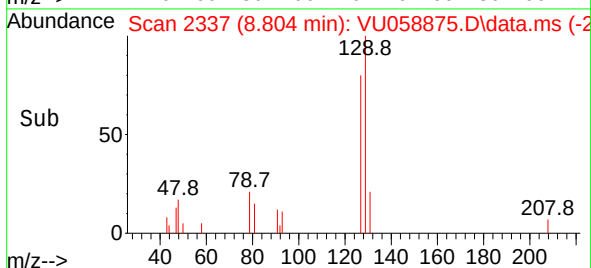
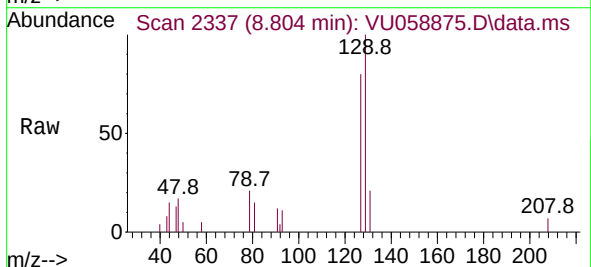
Ion	Ratio	Lower	Upper
43	100		
58	53.8	46.1	69.1
57	18.7	15.5	23.3
100	12.1	9.0	13.6

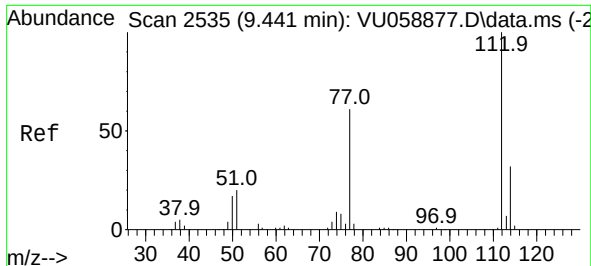


#49
Dibromochloromethane
Concen: 0.433 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Tgt Ion: 129 Resp: 4122

Ion	Ratio	Lower	Upper
129	100		
127	79.8	52.5	97.5





#51

Chlorobenzene

Concen: 0.442 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

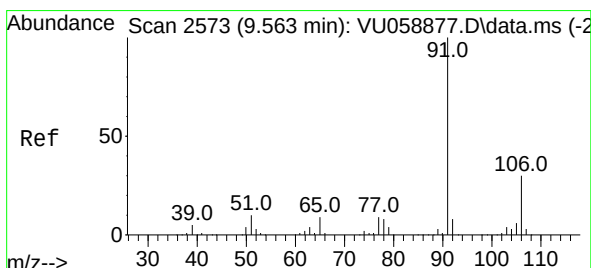
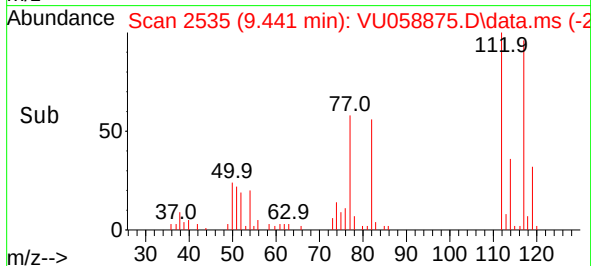
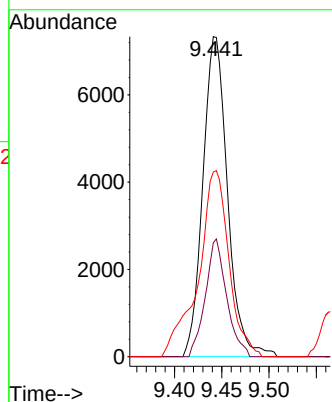
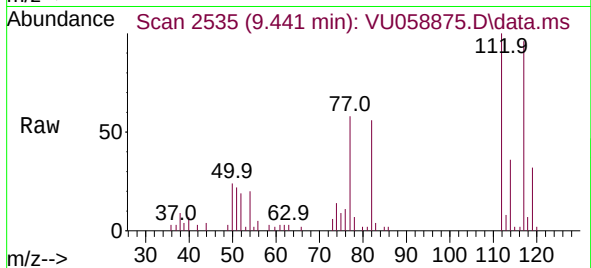
Tgt Ion:112 Resp: 13298

Ion Ratio Lower Upper

112 100

114 35.6 22.4 41.6

77 57.7 49.1 73.7



#52

Ethylbenzene

Concen: 0.405 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU058875.D

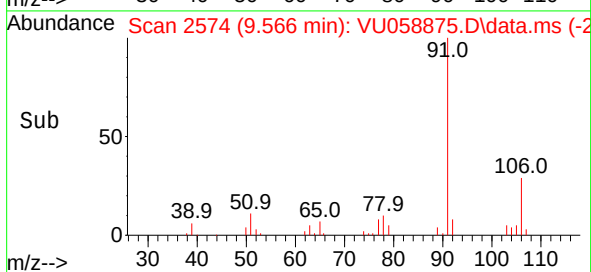
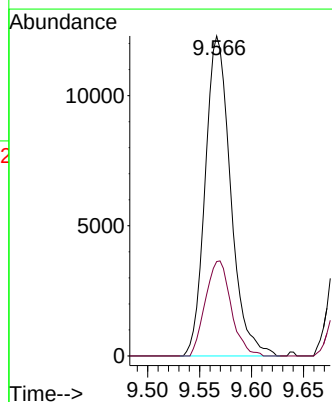
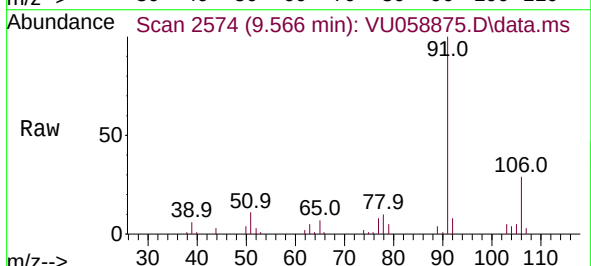
Acq: 14 May 2024 09:34

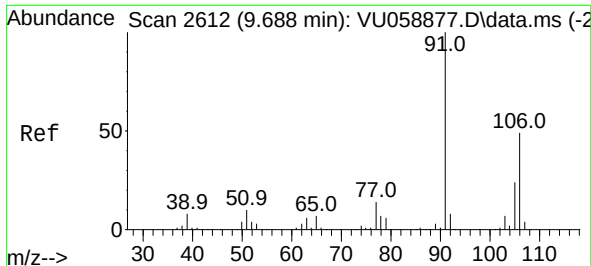
Tgt Ion: 91 Resp: 20882

Ion Ratio Lower Upper

91 100

106 29.5 20.9 38.7





#53

m,p-Xylene

Concen: 0.367 ug/L

RT: 9.692 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

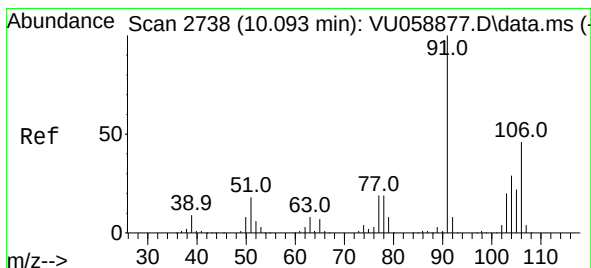
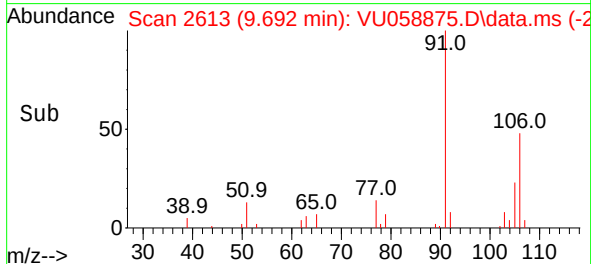
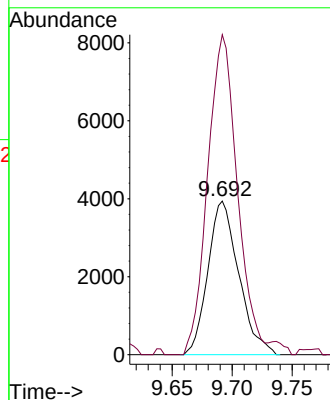
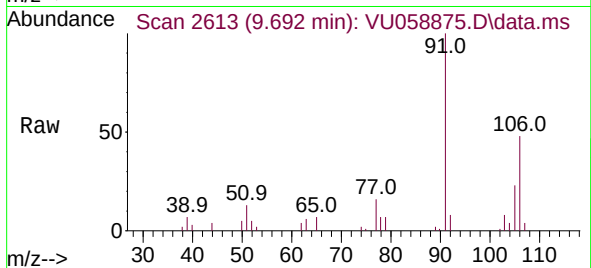
ClientSampleId :

Tgt Ion:106 Resp: 7047

Ion Ratio Lower Upper

106 100

91 208.4 142.0 263.8



#54

o-Xylene

Concen: 0.384 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU058875.D

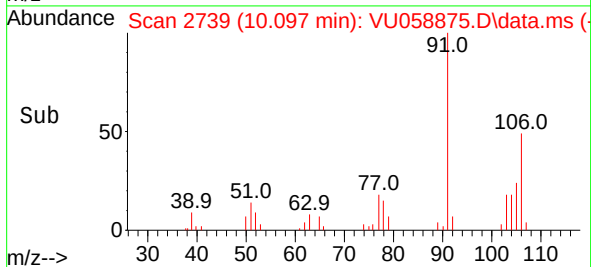
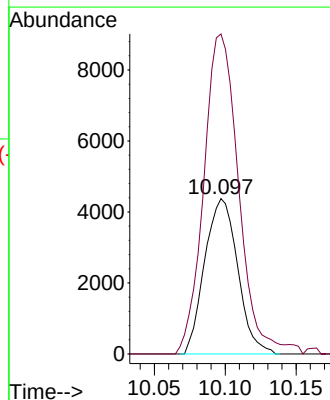
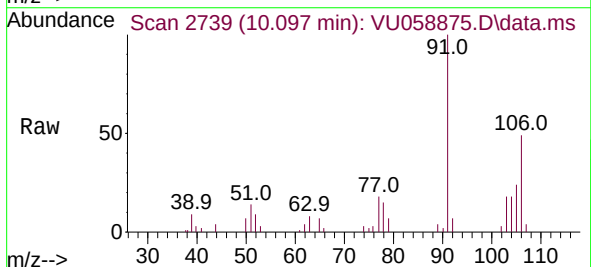
Acq: 14 May 2024 09:34

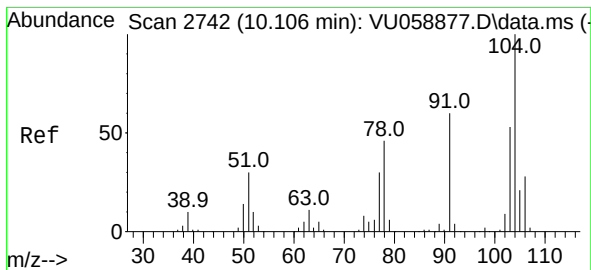
Tgt Ion:106 Resp: 7092

Ion Ratio Lower Upper

106 100

91 205.9 151.6 281.6





#55

Styrene

Concen: 0.339 ug/L

RT: 10.113 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

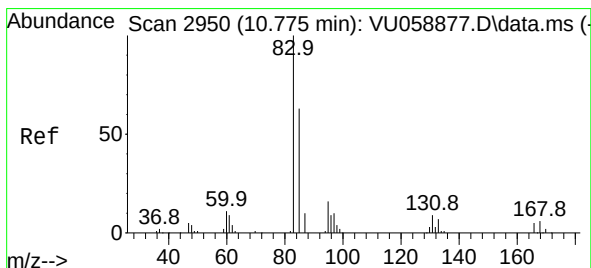
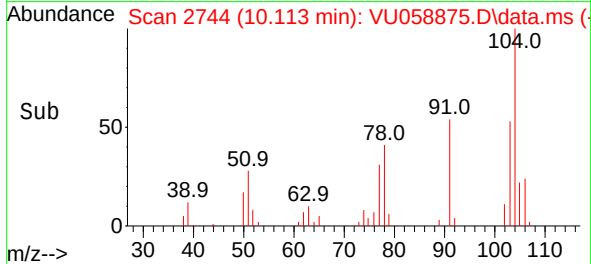
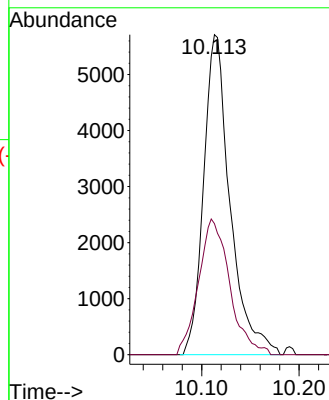
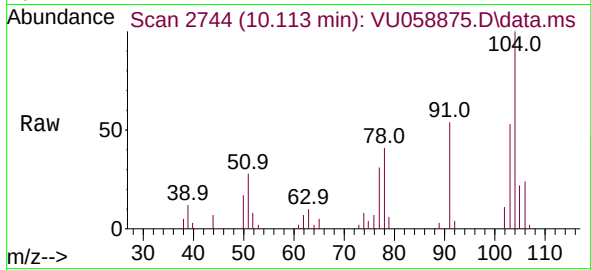
ClientSampleId :

Tgt Ion:104 Resp: 10784

Ion Ratio Lower Upper

104 100

78 41.0 32.3 60.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.468 ug/L

RT: 10.779 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

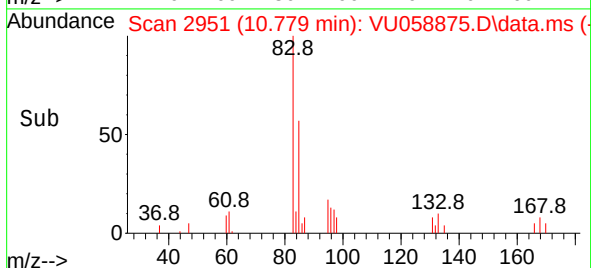
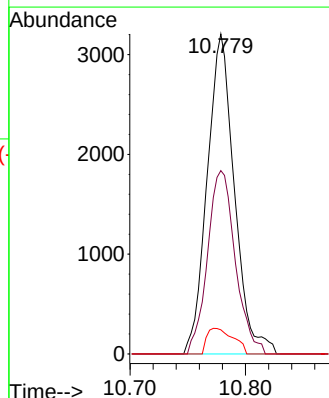
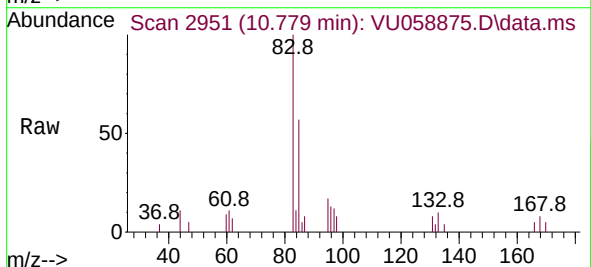
Tgt Ion: 83 Resp: 5249

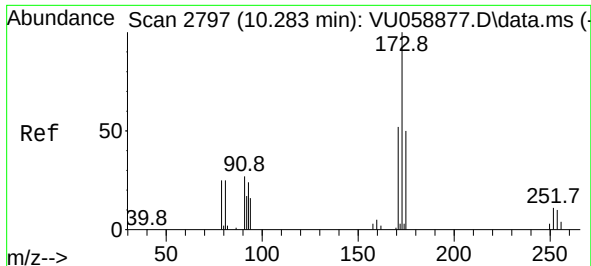
Ion Ratio Lower Upper

83 100

85 57.3 44.7 82.9

131 7.5 6.9 10.3





#59

Bromoform

Concen: 0.468 ug/L

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

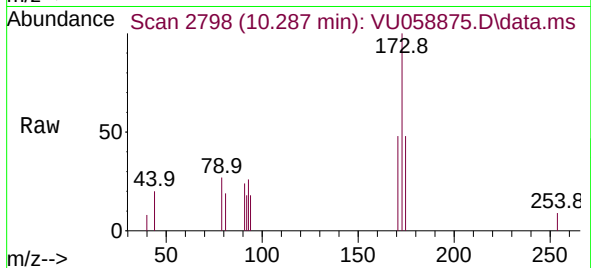
Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :



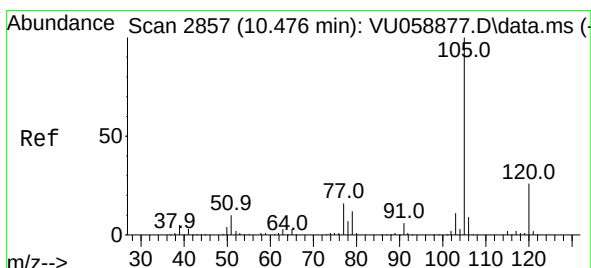
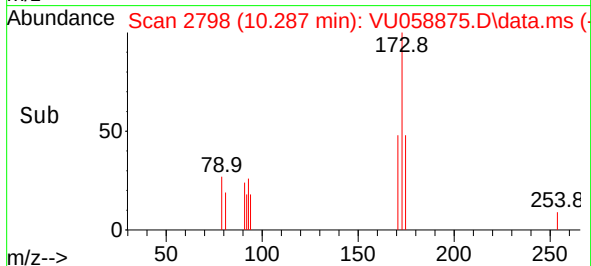
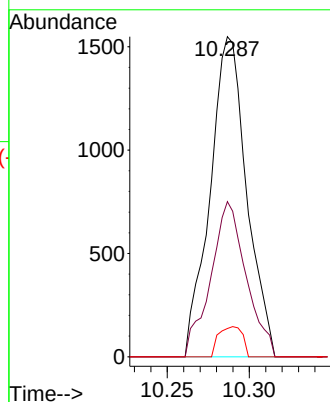
Tgt Ion:173 Resp: 2400

Ion Ratio Lower Upper

173 100

175 47.0 39.4 59.2

254 6.1 7.4 11.2#



#60

Isopropylbenzene

Concen: 0.415 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

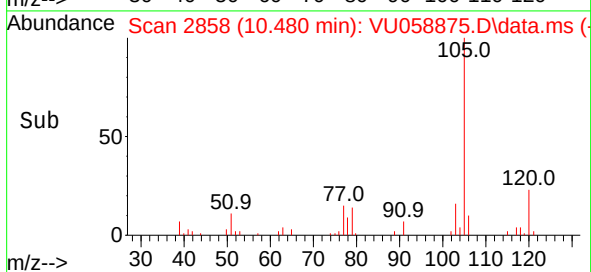
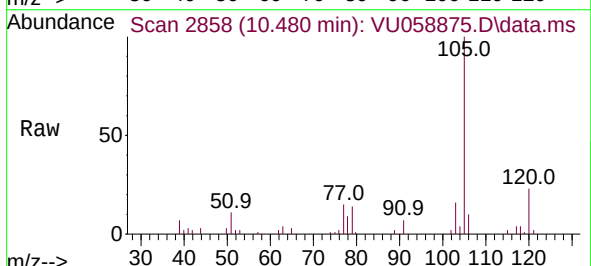
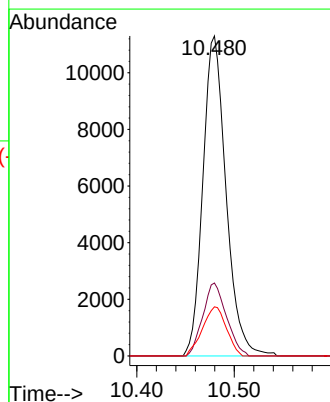
Tgt Ion:105 Resp: 18641

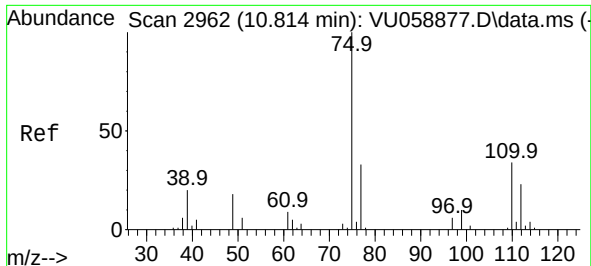
Ion Ratio Lower Upper

105 100

120 23.2 20.6 31.0

77 15.8 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 0.504 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.007 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :

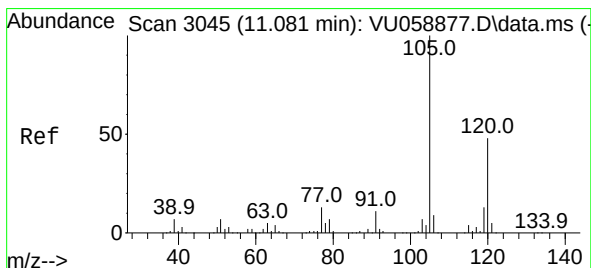
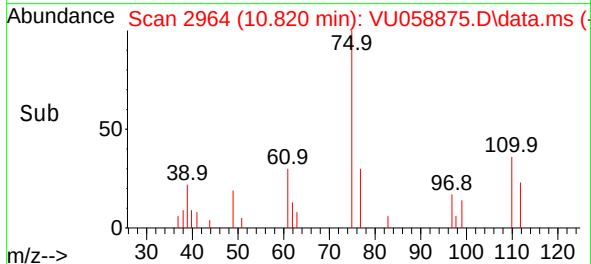
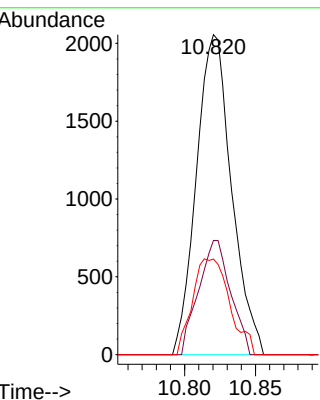
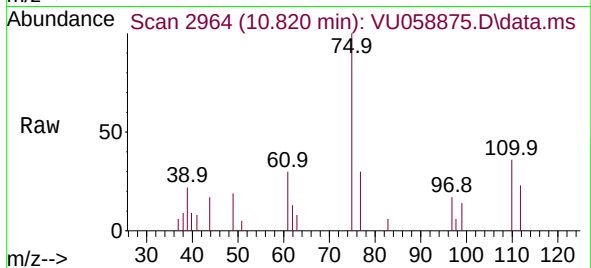
Tgt Ion: 75 Resp: 3545

Ion Ratio Lower Upper

75 100

110 32.5 27.1 40.7

77 31.7 25.4 38.2



#62

1,3,5-Trimethylbenzene

Concen: 0.397 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.007 min

Lab File: VU058875.D

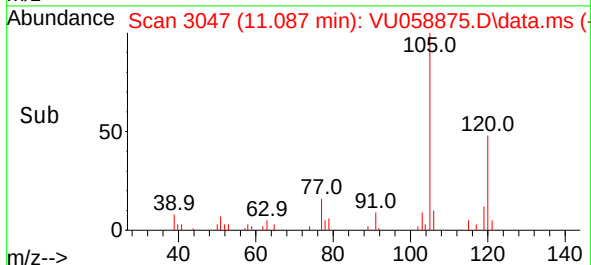
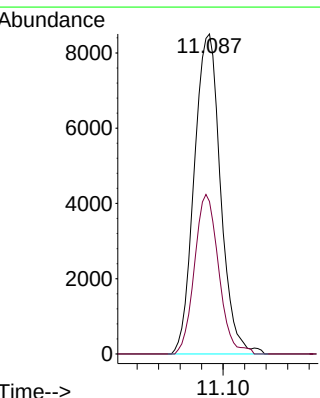
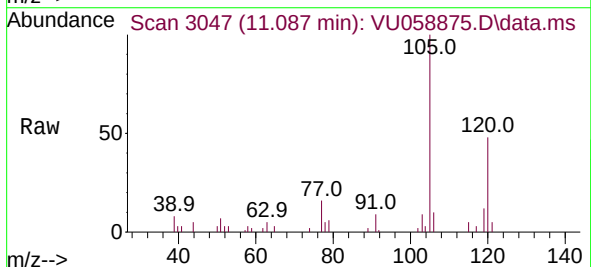
Acq: 14 May 2024 09:34

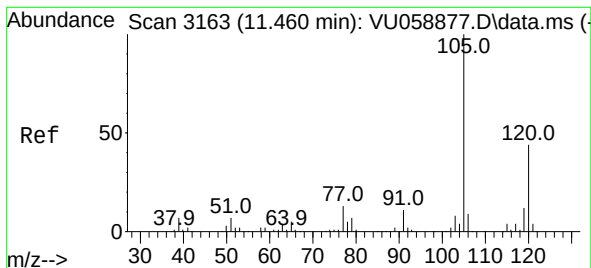
Tgt Ion: 105 Resp: 14430

Ion Ratio Lower Upper

105 100

120 45.9 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.379 ug/L

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

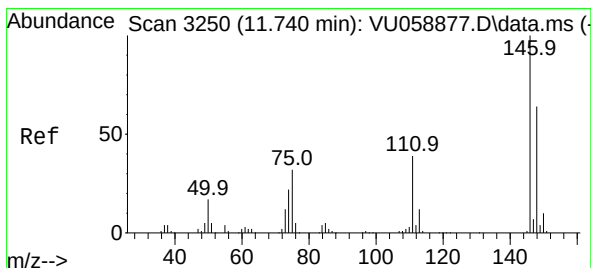
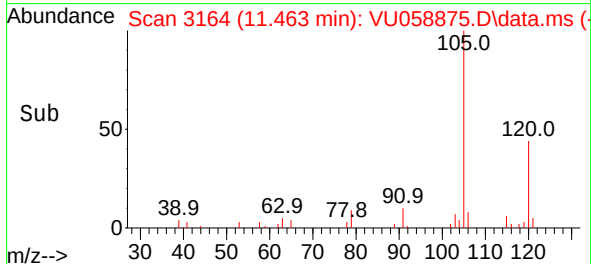
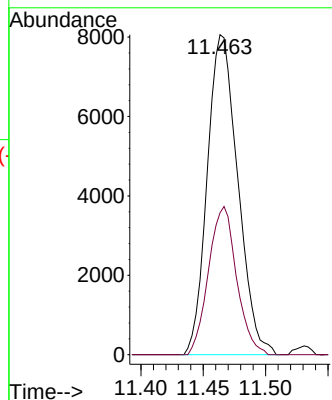
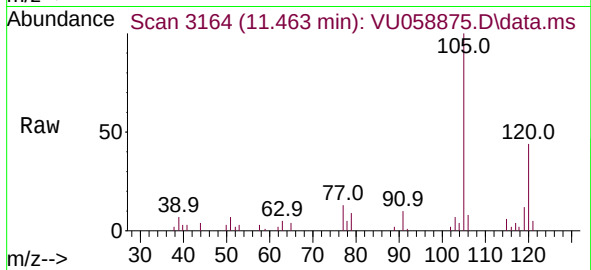
ClientSampleId :

Tgt Ion:105 Resp: 13759

Ion Ratio Lower Upper

105 100

120 42.5 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 0.468 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

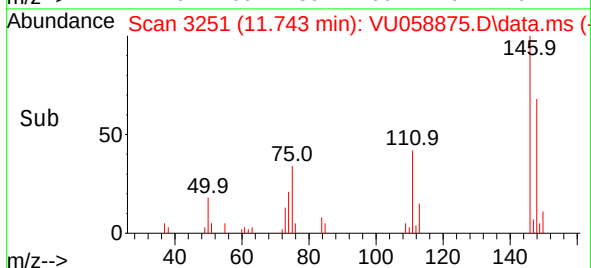
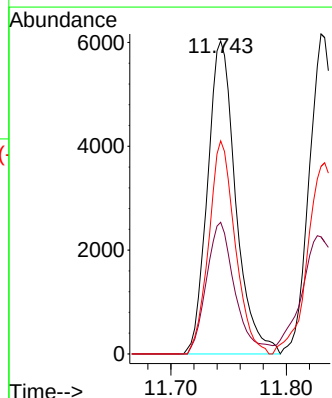
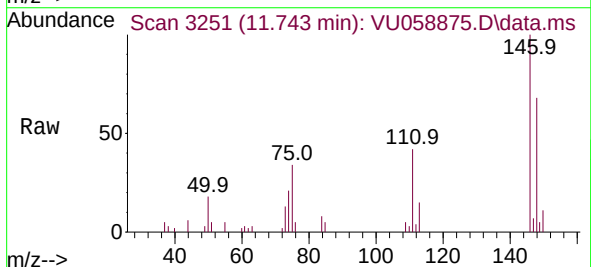
Tgt Ion:146 Resp: 10209

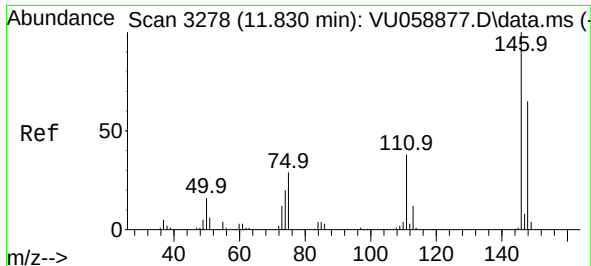
Ion Ratio Lower Upper

146 100

111 42.1 27.4 51.0

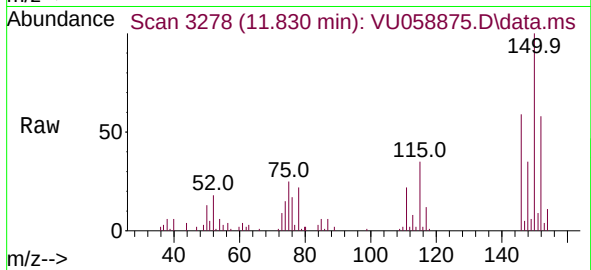
148 68.1 45.0 83.6



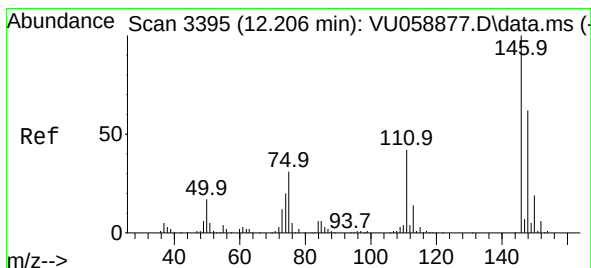
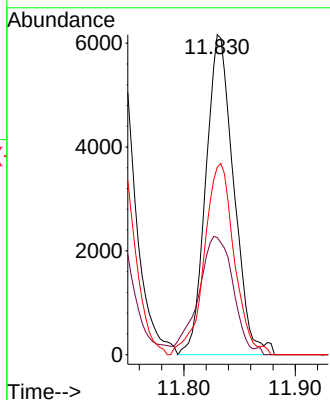
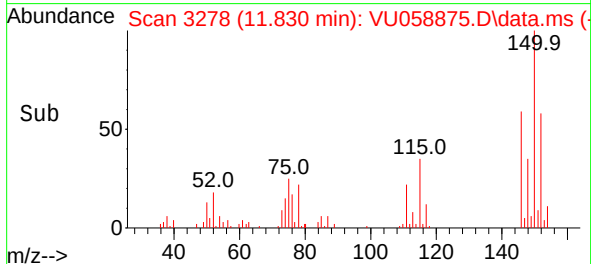


#65
1,4-Dichlorobenzene
Concen: 0.480 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

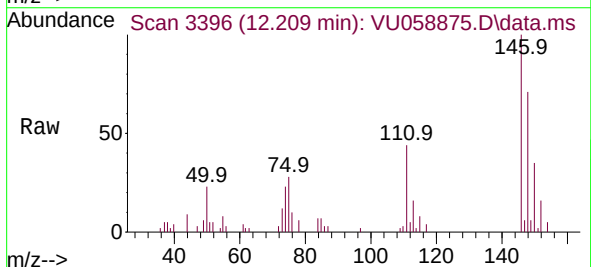
Instrument :
MSVOA_U
ClientSampleId :



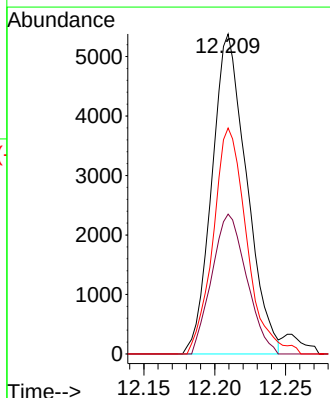
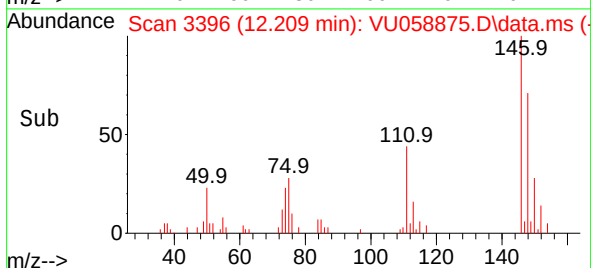
Tgt Ion:146 Resp: 10700
Ion Ratio Lower Upper
146 100
111 36.6 26.9 50.1
148 58.6 45.3 84.1

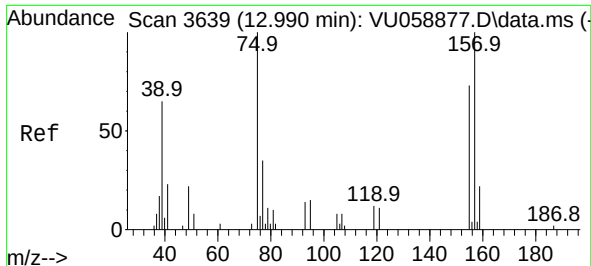


#67
1,2-Dichlorobenzene
Concen: 0.440 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34



Tgt Ion:146 Resp: 9171
Ion Ratio Lower Upper
146 100
111 43.7 33.4 50.0
148 70.6 49.7 74.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.459 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.007 min

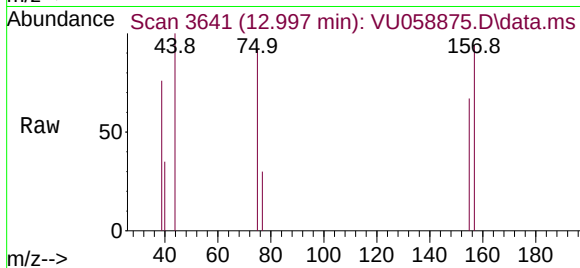
Lab File: VU058875.D

Acq: 14 May 2024 09:34

Instrument :

MSVOA_U

ClientSampleId :



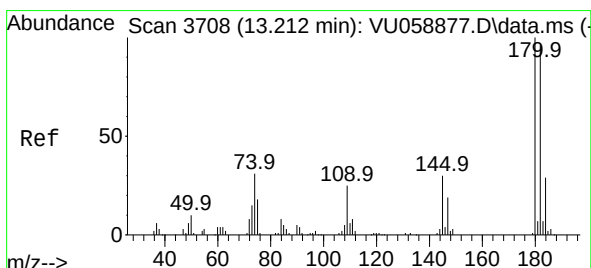
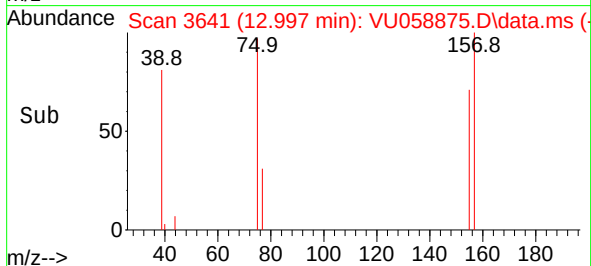
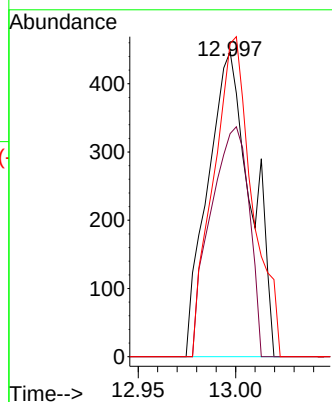
Tgt Ion: 75 Resp: 685

Ion Ratio Lower Upper

75 100

155 73.2 58.2 87.2

157 102.7 80.0 120.0



#69

1,3,5-Trichlorobenzene

Concen: 0.448 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.007 min

Lab File: VU058875.D

Acq: 14 May 2024 09:34

Tgt Ion: 180 Resp: 7355

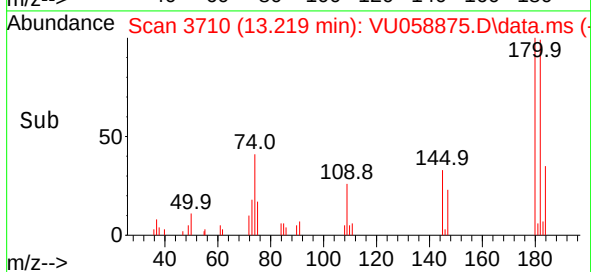
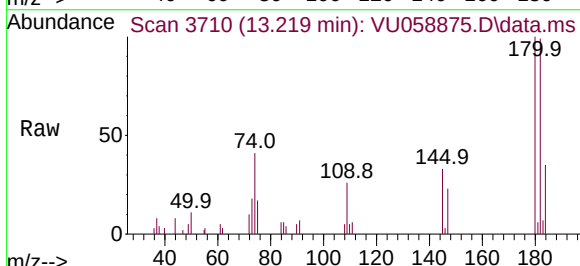
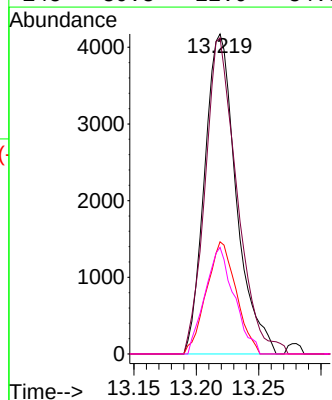
Ion Ratio Lower Upper

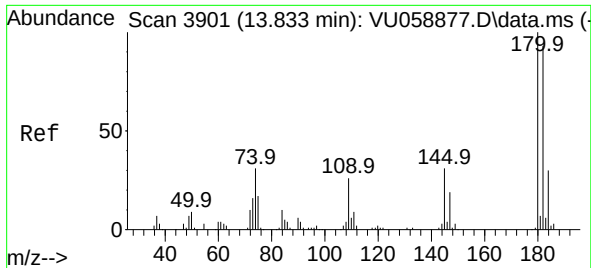
180 100

182 99.3 75.4 113.0

184 33.0 23.0 34.6

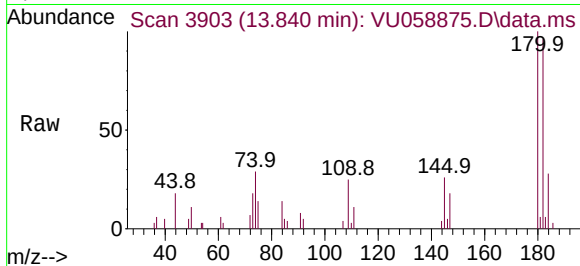
145 30.8 22.9 34.3



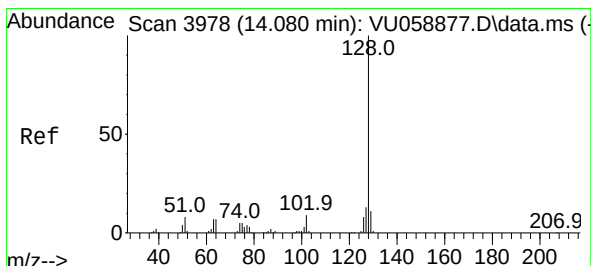
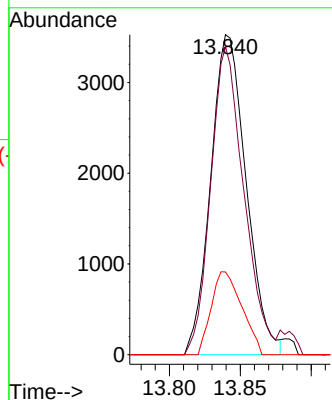
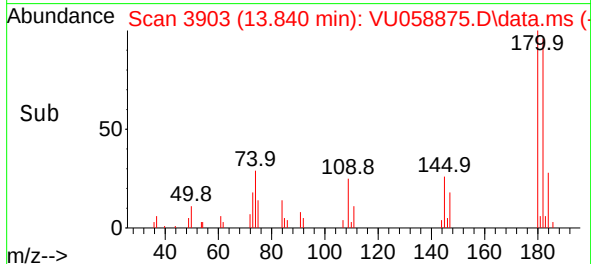


#70
1,2,4-trichlorobenzene
Concen: 0.426 ug/L
RT: 13.840 min Scan# 3903
Delta R.T. 0.007 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

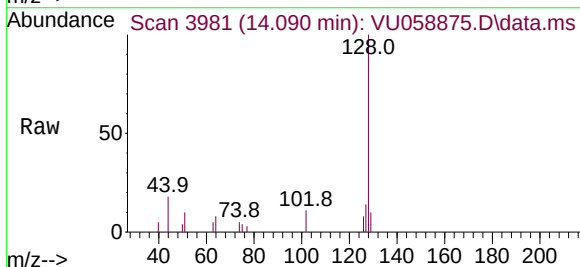
Instrument :
MSVOA_U
ClientSampleId :



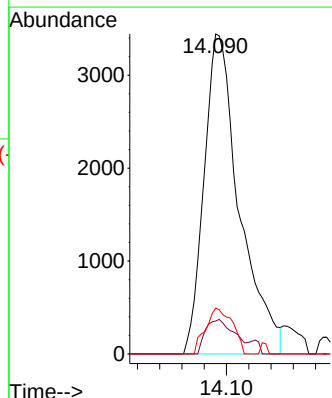
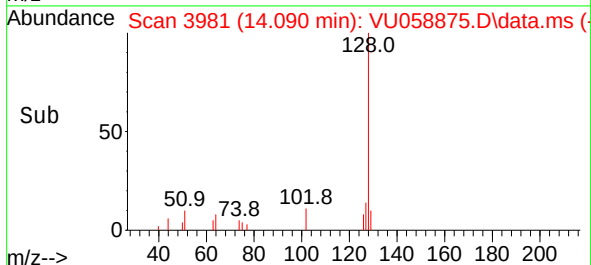
Tgt Ion:180 Resp: 6139
Ion Ratio Lower Upper
180 100
182 89.9 74.9 112.3
145 22.3 23.9 35.9#

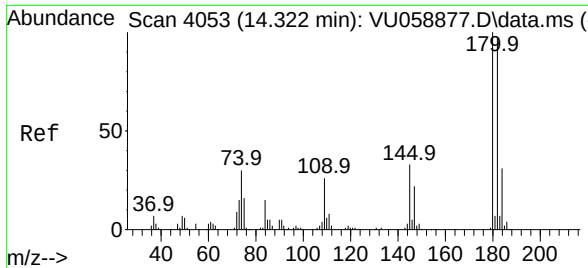


#71
Naphthalene
Concen: 0.318 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34



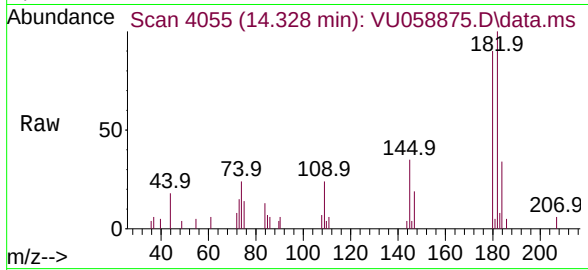
Tgt Ion:128 Resp: 7571
Ion Ratio Lower Upper
128 100
129 9.0 8.2 12.4
127 10.9 10.2 15.4





#72
1,2,3-Trichlorobenzene
Concen: 0.382 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU058875.D
Acq: 14 May 2024 09:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	180	Resp:	4932
Ion	Ratio	Lower	Upper
180	100		
182	105.8	77.0	115.6
145	35.8	26.2	39.4

