

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058951.D
 Acq On : 23 May 2024 16:18
 Operator : MD/SY
 Sample : P2409-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 07:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	183633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84466	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94171	50.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.820%
7) Chloroethane-d5	1.907	69	75929	49.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.780%
11) 1,1-Dichloroethene-d2	2.560	63	115848	40.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.980%
21) 2-Butanone-d5	4.618	46	143836	113.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.200%
24) Chloroform-d	5.055	84	157038	49.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	101858	52.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.980%
32) Benzene-d6	5.721	84	326177	52.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.682	67	107596	52.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.060%
41) Toluene-d8	7.891	98	274801	48.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
43) trans-1,3-Dichloroprop...	8.174	79	45282	48.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.540%
47) 2-Hexanone-d5	8.627	63	87068	101.809	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.810%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	156410	50.280	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	12.187	152	97581	55.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.980%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	2356	2.013 ug/L	96
3) Chloromethane	1.515	50	2859	2.280 ug/L	96
5) Vinyl chloride	1.602	62	3462	2.364 ug/L #	69
6) Bromomethane	1.856	94	1890	2.178 ug/L	98
8) Chloroethane	1.930	64	2204	2.195 ug/L #	72
9) Trichlorofluoromethane	2.136	101	3831	1.924 ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3751	2.771 ug/L #	66
12) 1,1-Dichloroethene	2.573	96	2873	2.652 ug/L #	1
13) Acetone	2.631	43	4026	3.594 ug/L	98
14) Carbon disulfide	2.788	76	5345	2.622 ug/L #	91
16) Methylene chloride	3.039	84	5864	3.393 ug/L	88
17) trans-1,2-Dichloroethene	3.351	96	2389	2.195 ug/L	97
18) Methyl tert-butyl Ether	3.354	73	8757	2.033 ug/L	99
19) 1,1-Dichloroethane	3.862	63	5969	2.153 ug/L	93
20) cis-1,2-Dichloroethene	4.663	96	3152	2.188 ug/L	85
23) Bromochloromethane	4.975	128	1535	2.044 ug/L	85
27) 1,2-Dichloroethane	5.795	62	2856	1.278 ug/L	97
29) Cyclohexane	5.377	56	2882	1.844 ug/L	98
30) 1,1,1-Trichloroethane	5.312	97	4665	2.117 ug/L	93

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

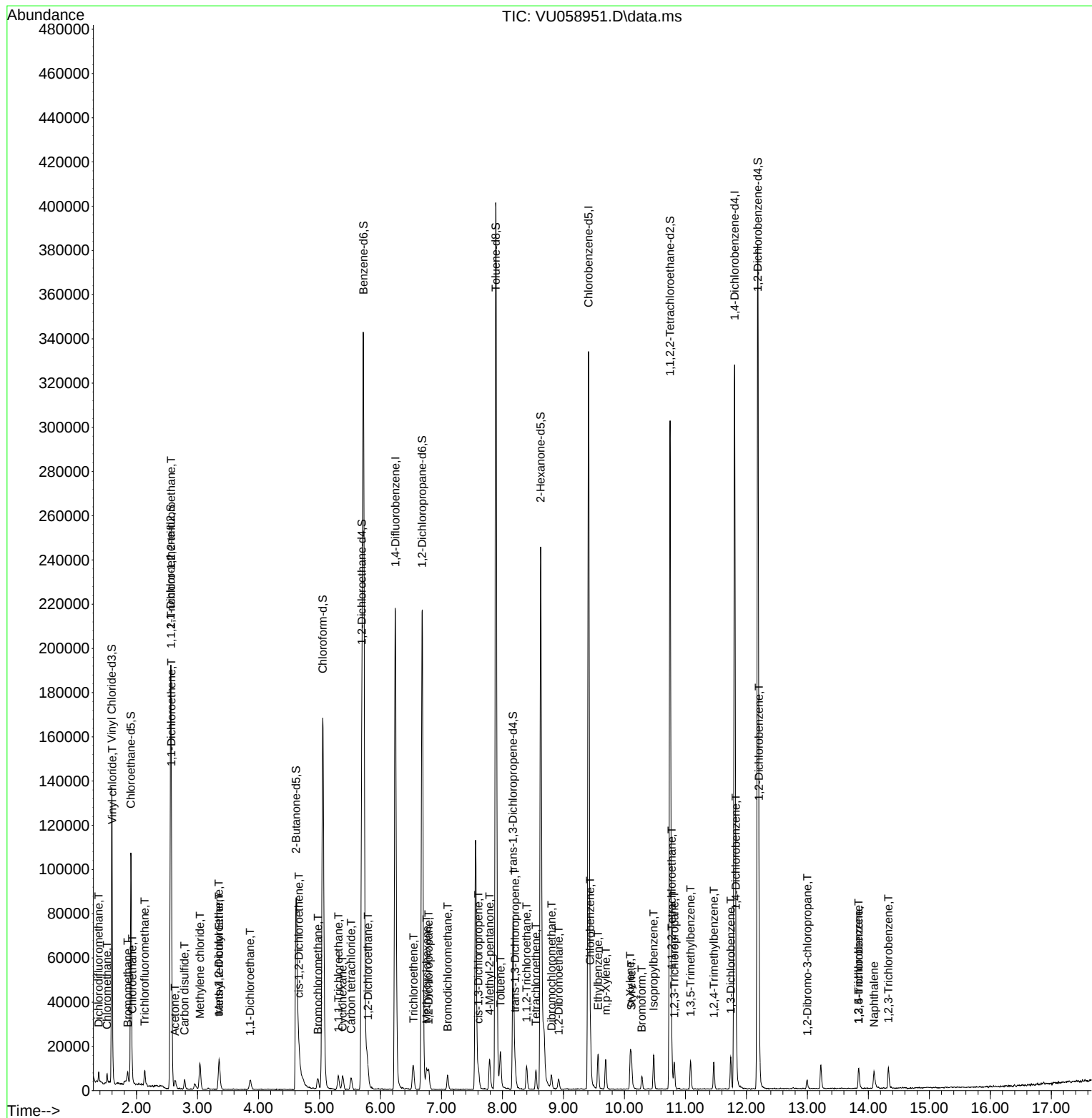
31) Carbon tetrachloride	5.518	117	3833	2.153	ug/L	91
34) Trichloroethene	6.544	95	2892	1.974	ug/L #	69
35) Methylcyclohexane	6.756	83	2732	1.591	ug/L	97
37) 1,2-Dichloropropane	6.788	63	4047	2.256	ug/L #	91
38) Bromodichloromethane	7.103	83	4821	2.162	ug/L	95
39) cis-1,3-Dichloropropene	7.608	75	5288	2.140	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	9620	3.761	ug/L #	96
42) Toluene	7.968	91	12538	2.119	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	5022	2.147	ug/L	91
45) 1,1,2-Trichloroethane	8.396	97	3409	1.925	ug/L	95
46) Tetrachloroethene	8.550	164	1880	1.924	ug/L	94
49) Dibromochloromethane	8.804	129	3260	1.926	ug/L	99
50) 1,2-Dibromoethane	8.923	107	3851	2.275	ug/L #	96
51) Chlorobenzene	9.441	112	8843	2.261	ug/L	92
52) Ethylbenzene	9.570	91	12336	1.926	ug/L	97
53) m,p-Xylene	9.695	106	4310	1.874	ug/L	98
54) o-Xylene	10.097	106	3871	1.681	ug/L	88
55) Styrene	10.116	104	6852	1.666	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	7641	2.394	ug/L #	91
59) Bromoform	10.283	173	2645	2.363	ug/L #	91
60) 1,2,3-Trichloropropane	10.817	75	5389	2.507	ug/L	92
61) Isopropylbenzene	10.479	105	10674	1.979	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	7693	1.810	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	7209	1.682	ug/L	92
64) 1,3-Dichlorobenzene	11.746	146	6277	2.242	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	6812	2.409	ug/L	91
67) 1,2-Dichlorobenzene	12.206	146	6753	2.371	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	13.000	75	1156	1.988	ug/L	100
69) 1,3,5-Trichlorobenzene	13.843	180	3056	1.549	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	3056	1.799	ug/L	94
71) Naphthalene	14.093	128	8479	1.711	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.328	180	3323	1.910	ug/L	96

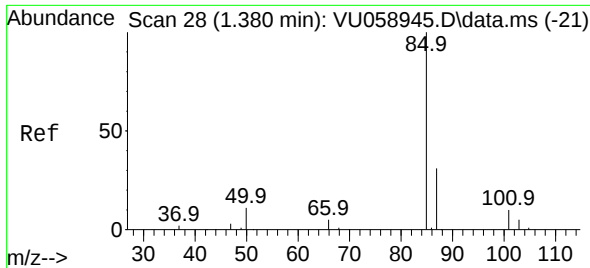
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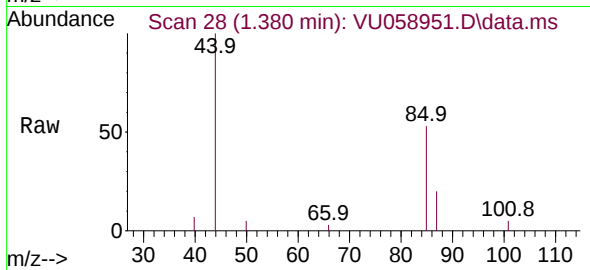
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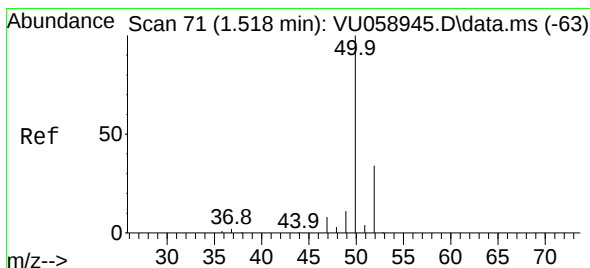
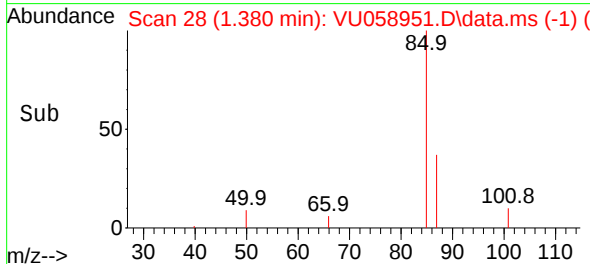
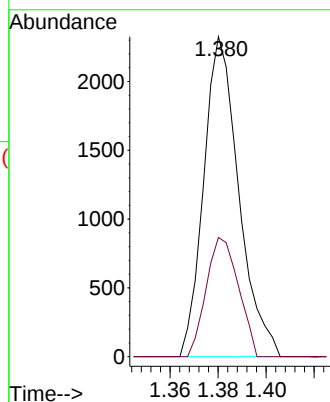


#2
 Dichlorodifluoromethane
 Concen: 2.013 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058951.D
 Acq: 23 May 2024 16:18

Instrument :
 MSVOA_U
 ClientSampleId :

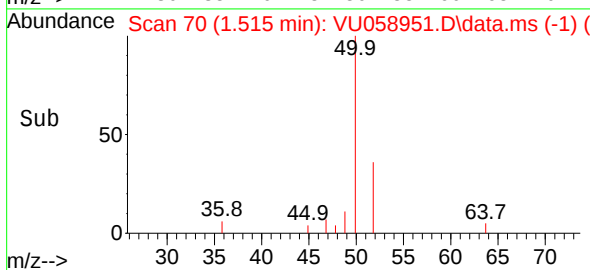
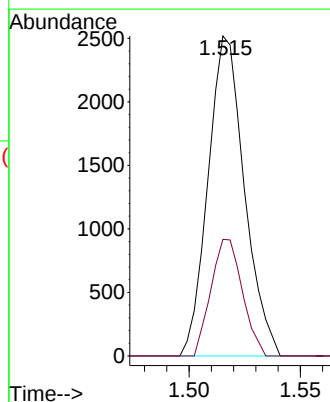
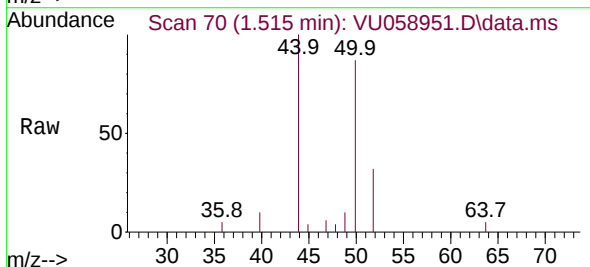


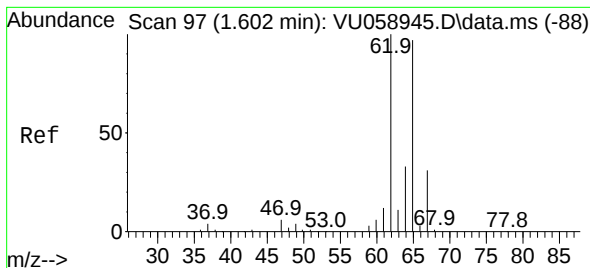
Tgt Ion: 85 Resp: 2356
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.7 38.5



#3
 Chloromethane
 Concen: 2.280 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU058951.D
 Acq: 23 May 2024 16:18

Tgt Ion: 50 Resp: 2859
 Ion Ratio Lower Upper
 50 100
 52 36.4 23.9 44.3





#5

Vinyl chloride

Concen: 2.364 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

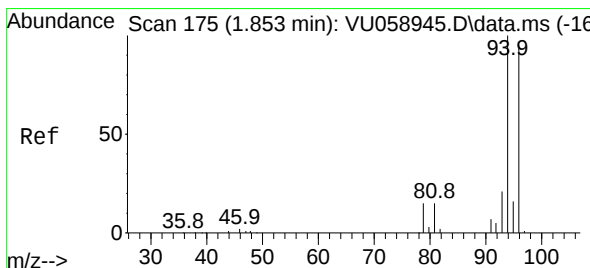
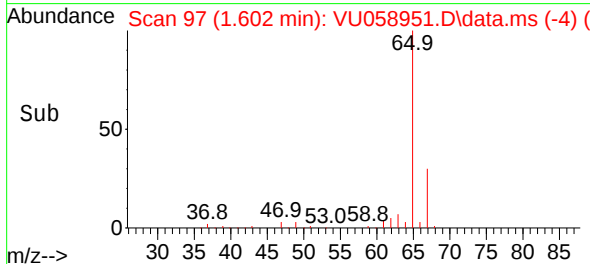
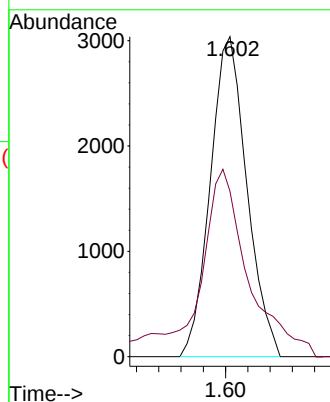
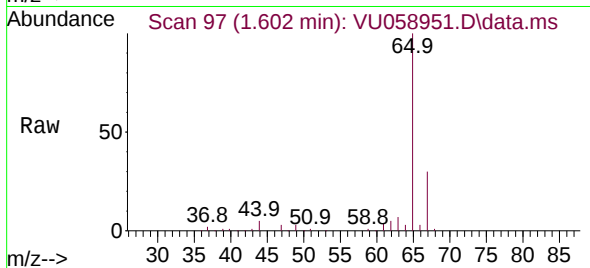
ClientSampleId :

Tgt Ion: 62 Resp: 3462

Ion Ratio Lower Upper

62 100

64 51.7 23.7 43.9#



#6

Bromomethane

Concen: 2.178 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU058951.D

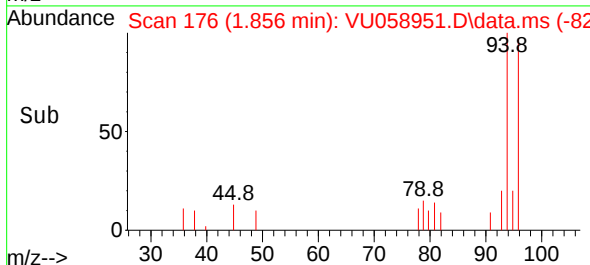
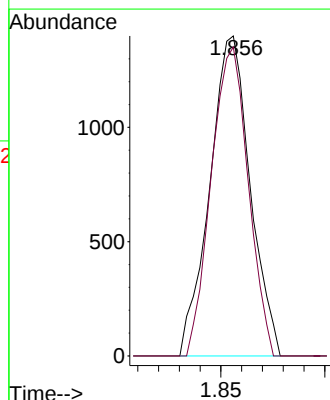
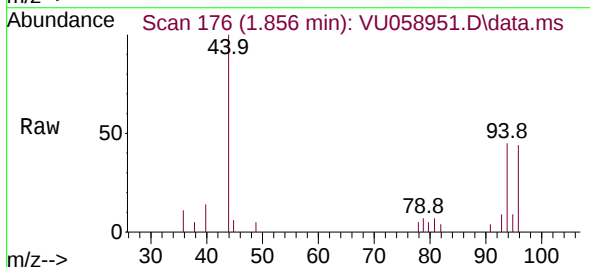
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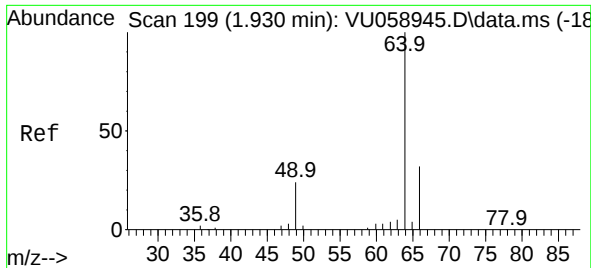
Tgt Ion: 94 Resp: 1890

Ion Ratio Lower Upper

94 100

96 96.6 66.6 123.6

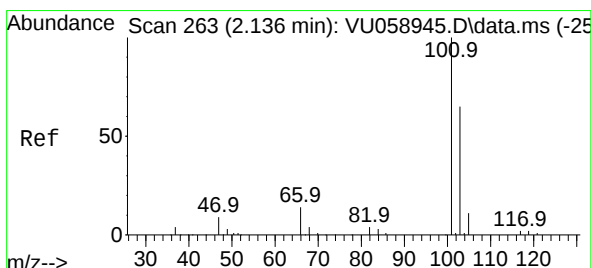
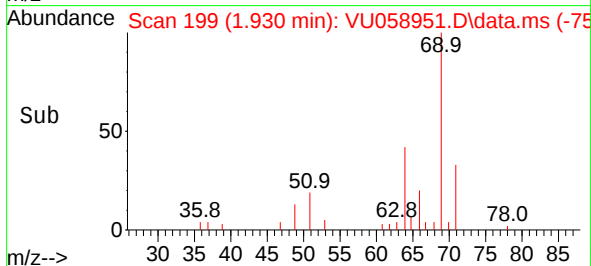
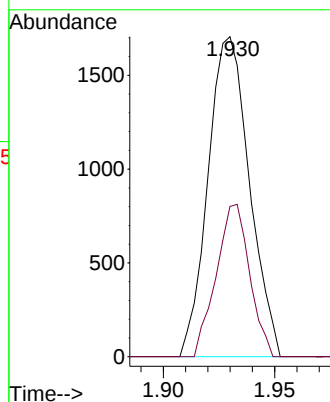
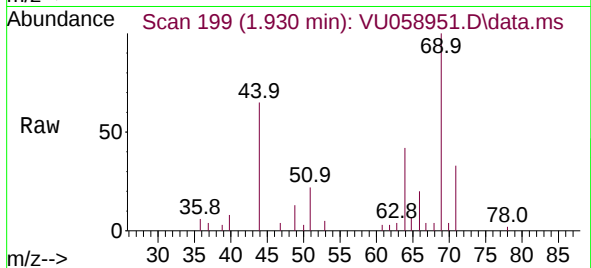




#8
Chloroethane
Concen: 2.195 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

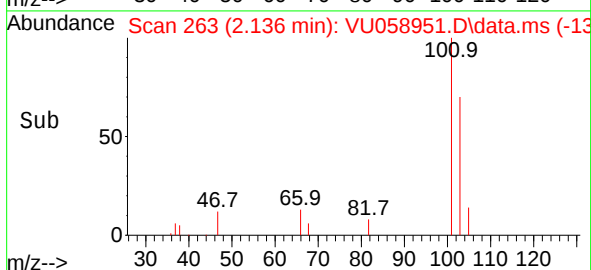
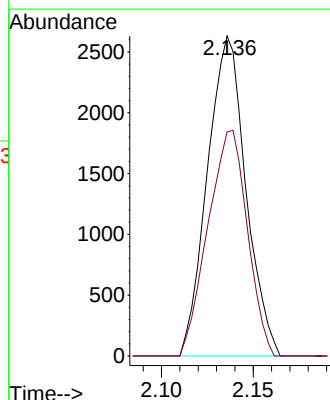
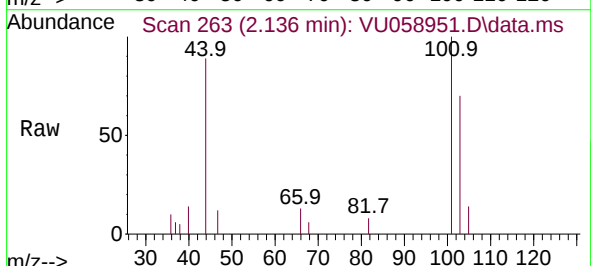
Instrument :
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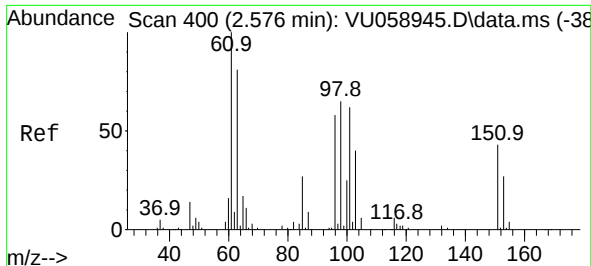
Tgt Ion: 64 Resp: 2204
Ion Ratio Lower Upper
64 100
66 48.3 22.7 42.1#



#9
Trichlorofluoromethane
Concen: 1.924 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion:101 Resp: 3831
Ion Ratio Lower Upper
101 100
103 72.1 51.6 77.4

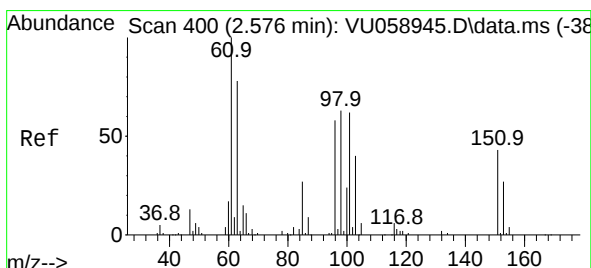
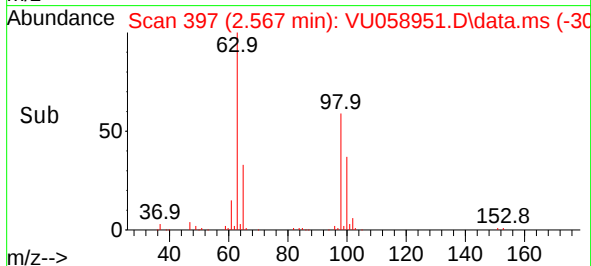
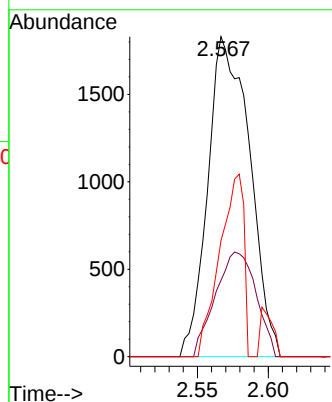
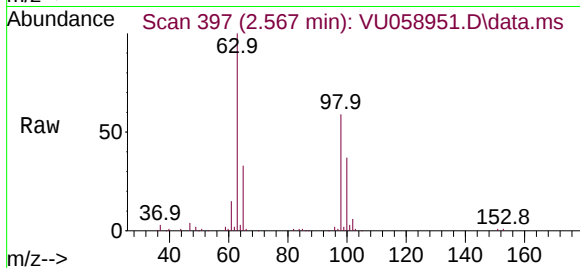




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.771 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.010 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

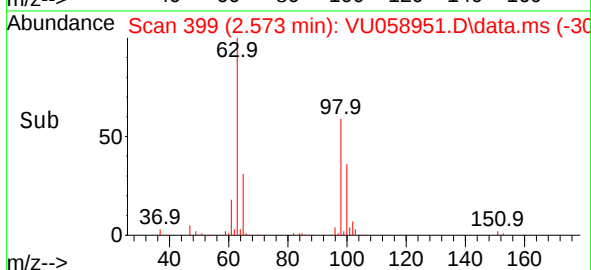
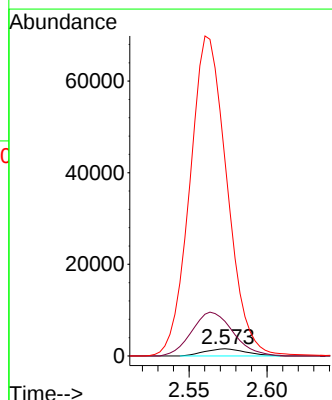
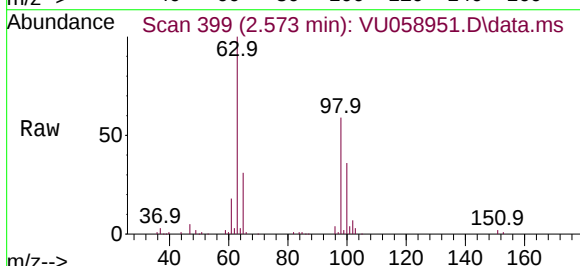
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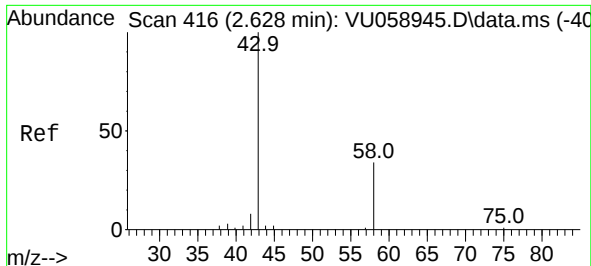
Tgt Ion:101 Resp: 3751
Ion Ratio Lower Upper
101 100
85 31.9 34.9 52.3#
151 33.1 54.5 81.7#



#12
1,1-Dichloroethene
Concen: 2.652 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 96 Resp: 2873
Ion Ratio Lower Upper
96 100
61 477.9 122.2 227.0#
63 2702.9 102.8 190.8#





#13

Acetone

Concen: 3.594 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

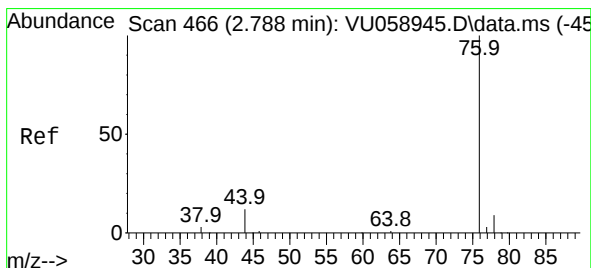
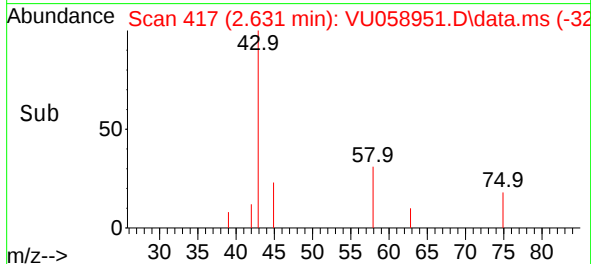
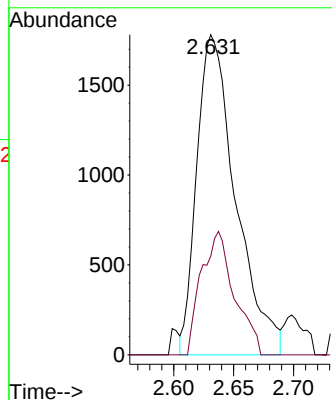
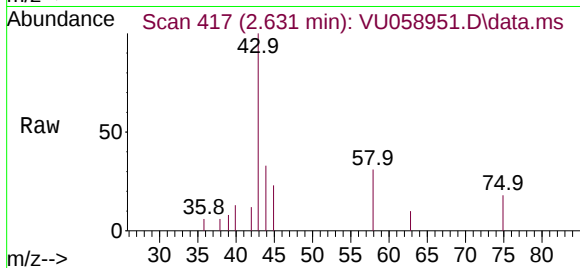
ClientSampleId :

Tgt Ion: 43 Resp: 4026

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.2



#14

Carbon disulfide

Concen: 2.622 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058951.D

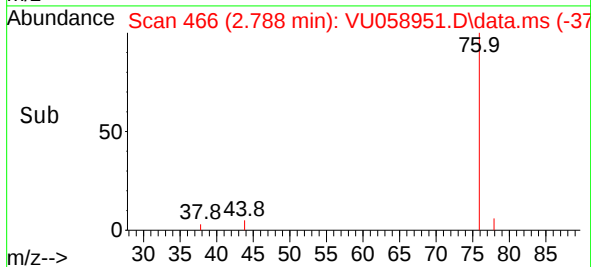
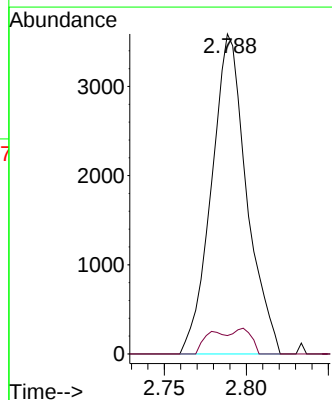
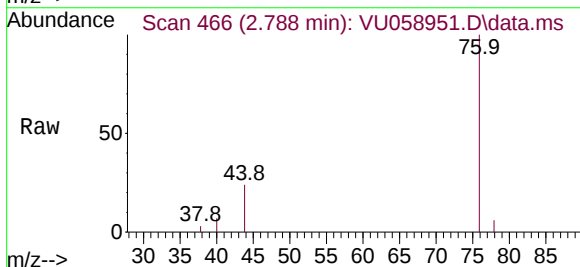
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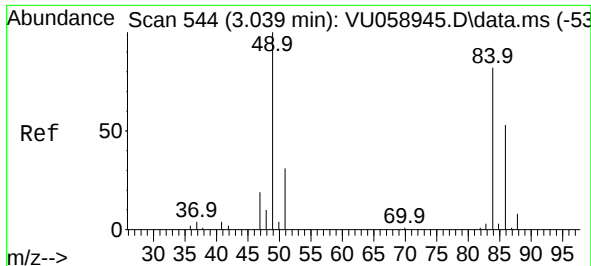
Tgt Ion: 76 Resp: 5345

Ion Ratio Lower Upper

76 100

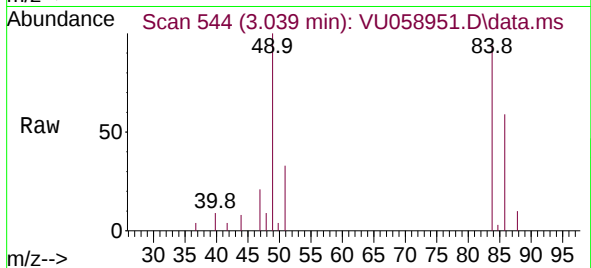
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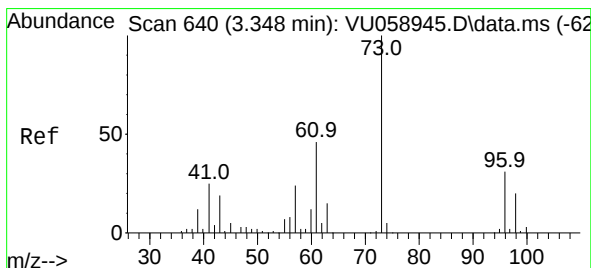
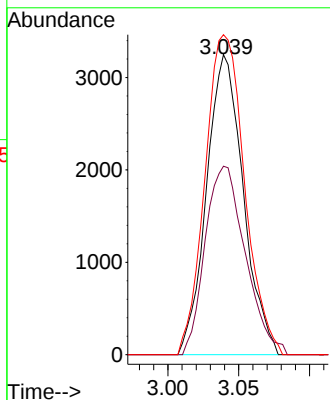
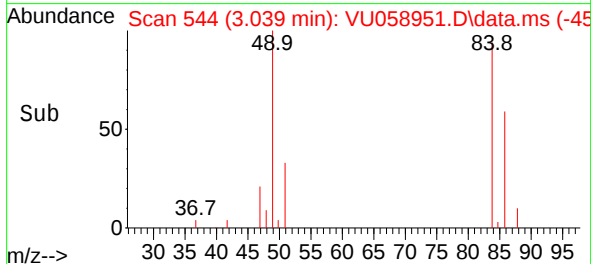


#16
Methylene chloride
Concen: 3.393 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :

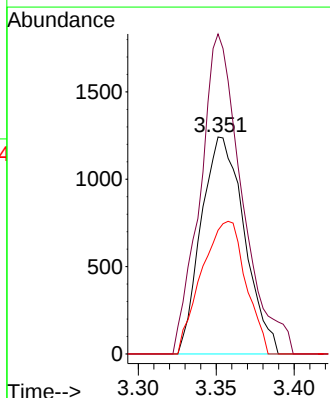
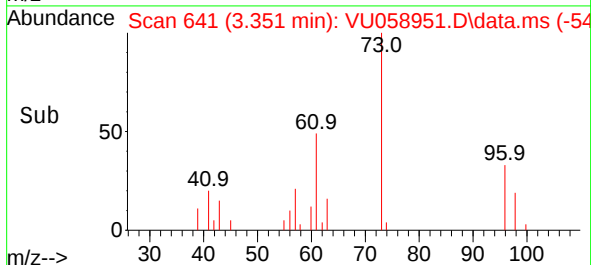
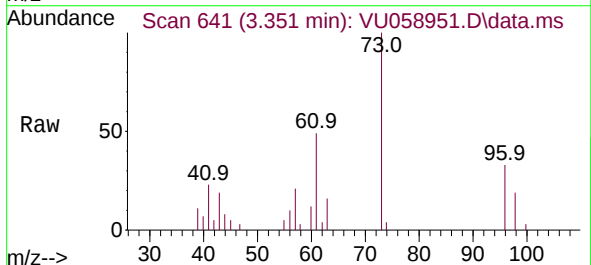


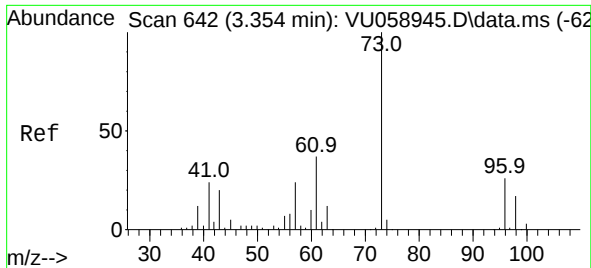
Tgt Ion: 84 Resp: 5864
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.5
49 103.2 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 2.195 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 96 Resp: 2389
Ion Ratio Lower Upper
96 100
61 147.5 103.5 192.1
98 57.0 44.9 83.3

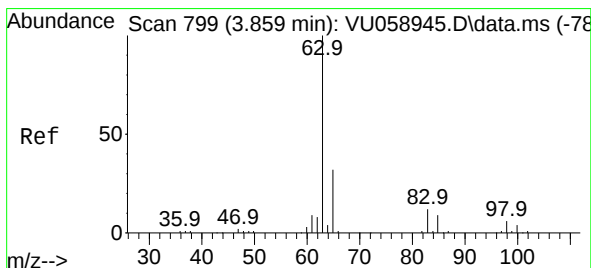
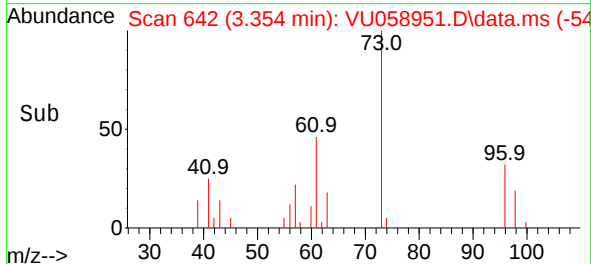
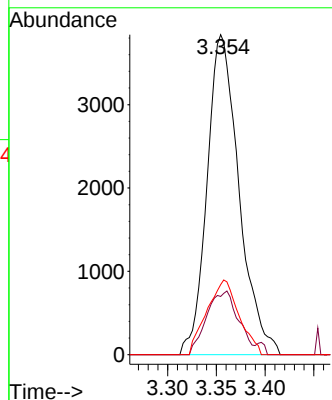
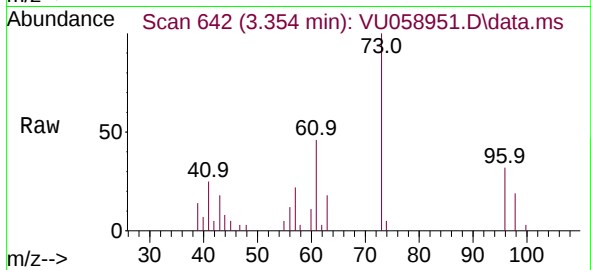




#18
Methyl tert-butyl Ether
Concen: 2.033 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

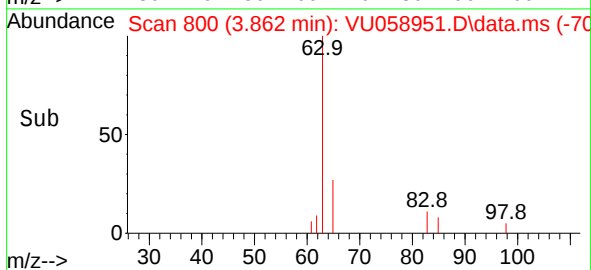
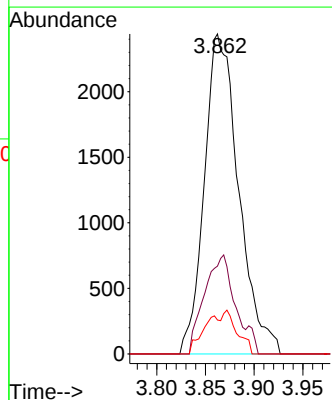
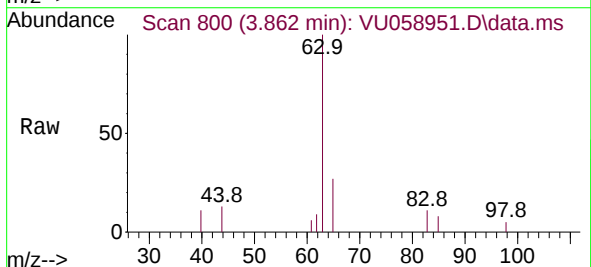
Instrument :
MSVOA_U
ClientSampleId :

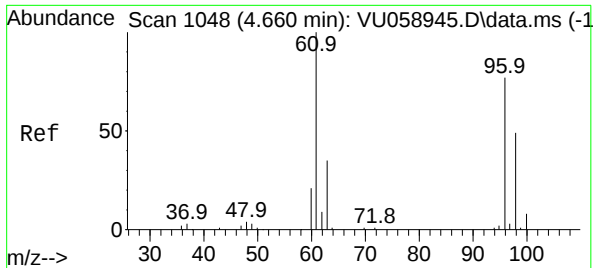
Tgt Ion: 73	Resp: 8757
Ion Ratio	Lower Upper
73	100
43	19.9 15.4 23.2
57	23.5 18.6 27.8



#19
1,1-Dichloroethane
Concen: 2.153 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

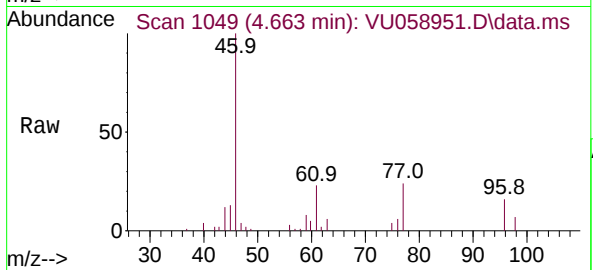
Tgt Ion: 63	Resp: 5969
Ion Ratio	Lower Upper
63	100
65	27.5 22.3 41.3
83	10.6 8.5 15.9



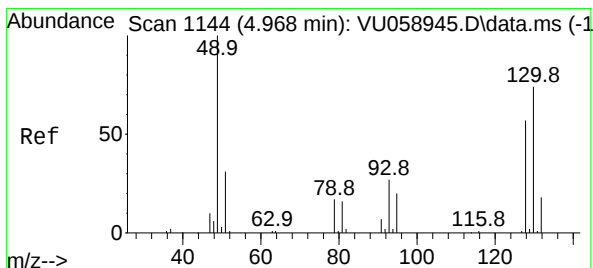
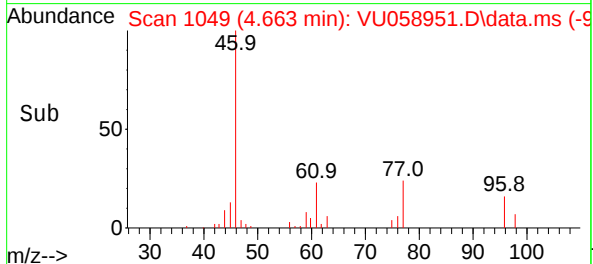
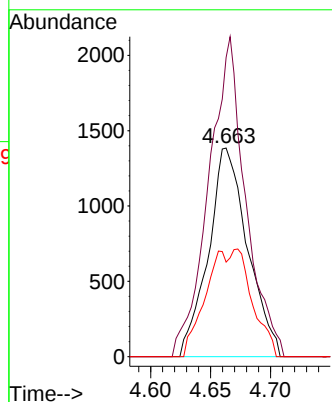


#20
cis-1,2-Dichloroethene
Concen: 2.188 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :

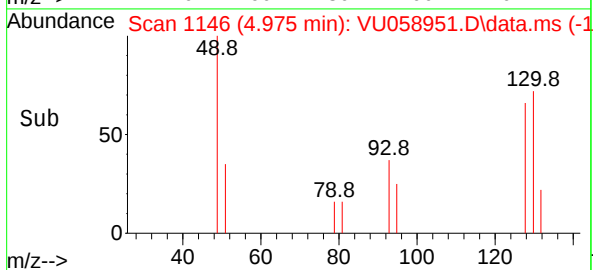
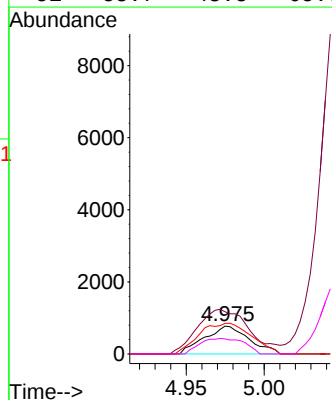
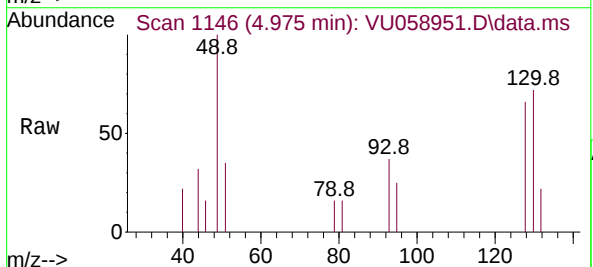


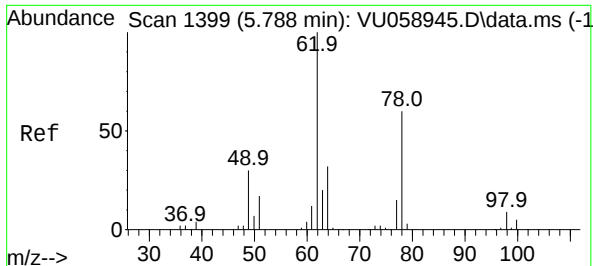
Tgt Ion: 96	Resp: 3152
Ion Ratio	Lower Upper
96	100
61	143.4 91.1 169.3
98	45.3 44.4 82.4



#23
Bromochloromethane
Concen: 2.044 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 128	Resp: 1535
Ion Ratio	Lower Upper
128	100
49	151.7 123.8 229.8
130	109.8 90.6 168.2
51	53.7 43.8 65.6

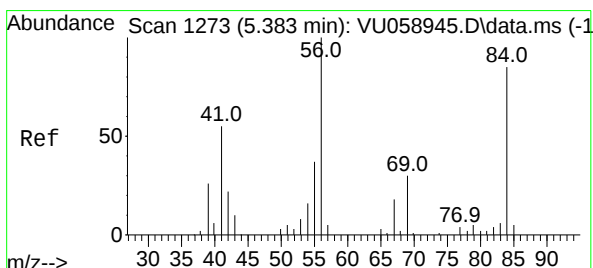
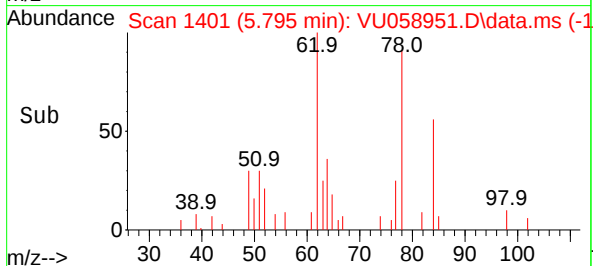
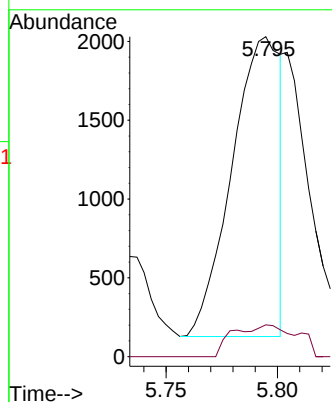
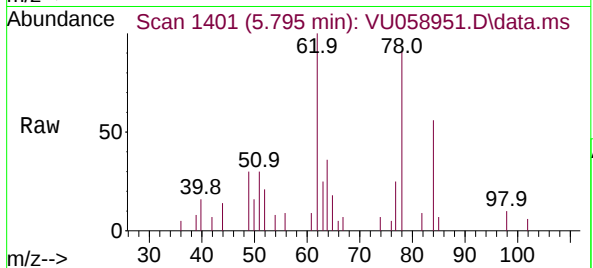




#27
1,2-Dichloroethane
Concen: 1.278 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

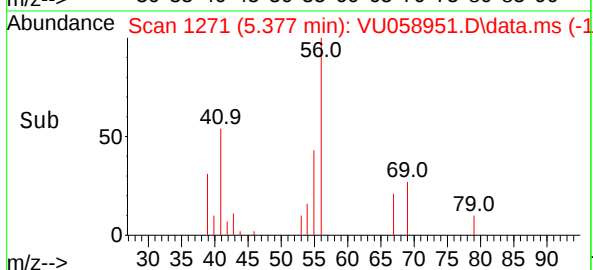
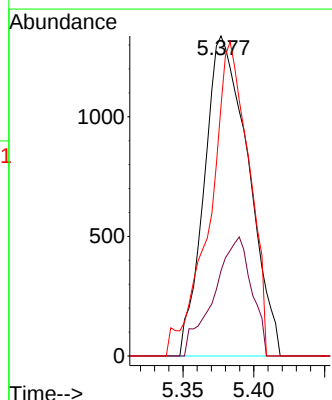
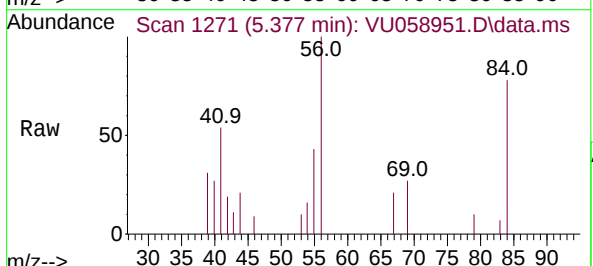
Instrument :
MSVOA_U
ClientSampleId :

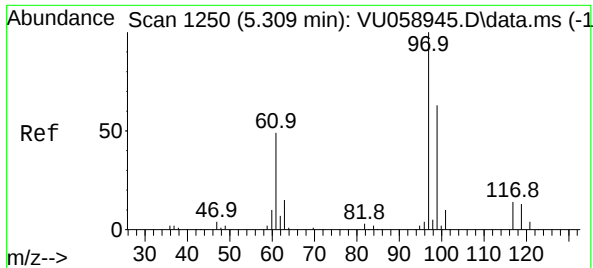
Tgt Ion: 62 Resp: 2856
Ion Ratio Lower Upper
62 100
98 10.0 7.0 10.4



#29
Cyclohexane
Concen: 1.844 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 56 Resp: 2882
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 85.3 66.7 100.1

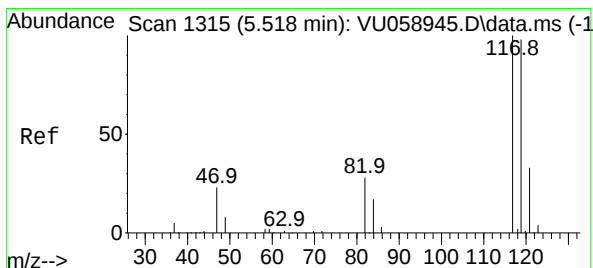
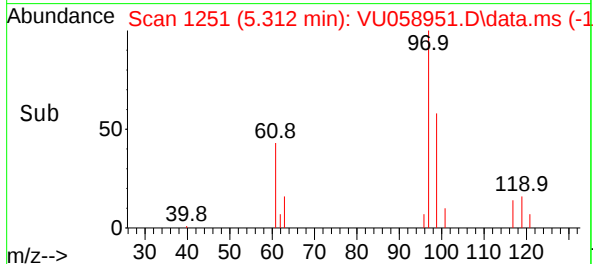
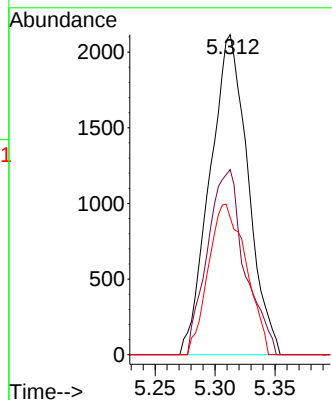
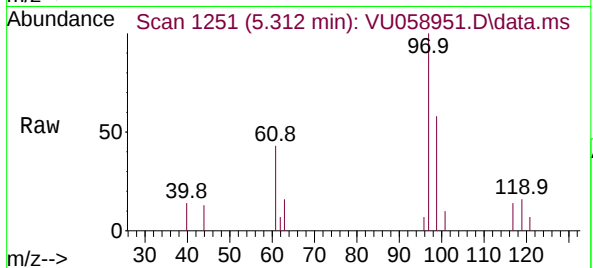




#30
1,1,1-Trichloroethane
Concen: 2.117 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

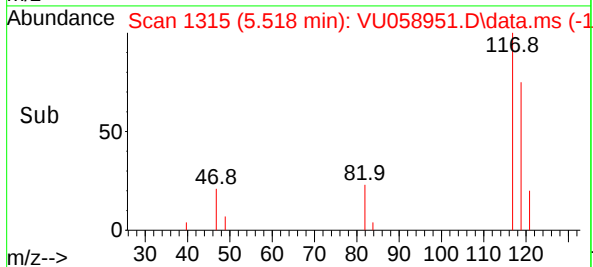
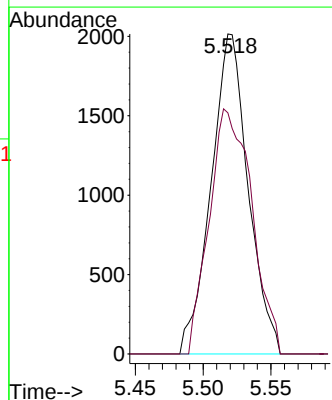
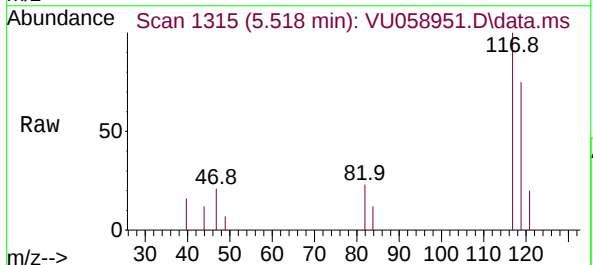
Instrument :
MSVOA_U
ClientSampleId :

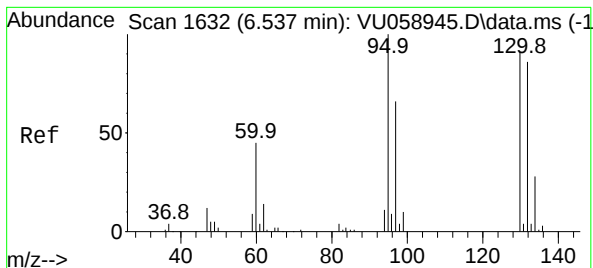
Tgt Ion: 97 Resp: 4665
Ion Ratio Lower Upper
97 100
99 56.6 51.8 77.8
61 46.7 38.9 58.3



#31
Carbon tetrachloride
Concen: 2.153 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 117 Resp: 3833
Ion Ratio Lower Upper
117 100
119 87.8 77.4 116.0





#34

Trichloroethene

Concen: 1.974 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 2892

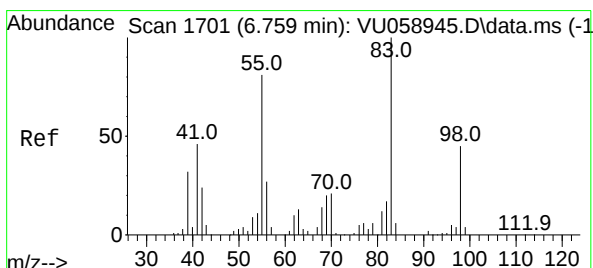
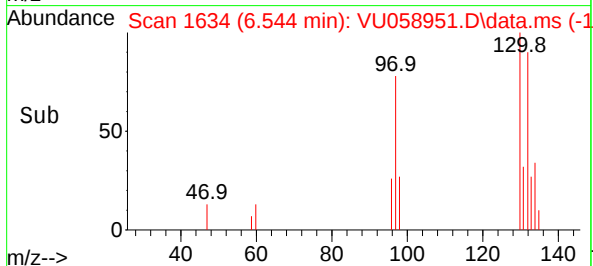
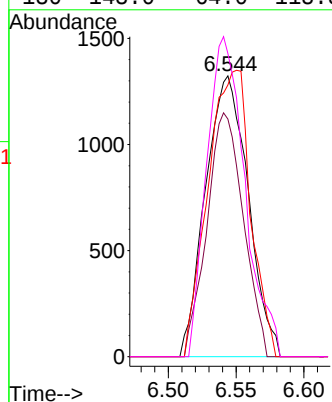
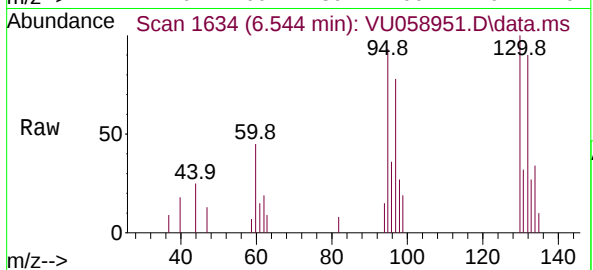
Ion Ratio Lower Upper

95 100

97 84.7 45.9 85.3

132 96.7 60.5 112.5

130 143.0 64.0 118.8#



#35

Methylcyclohexane

Concen: 1.591 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

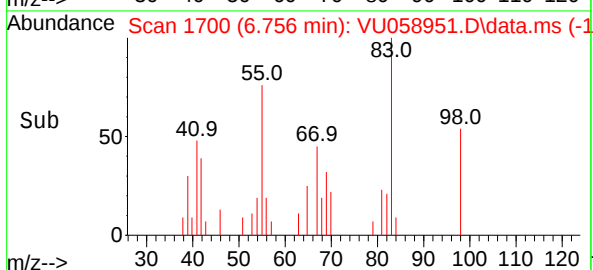
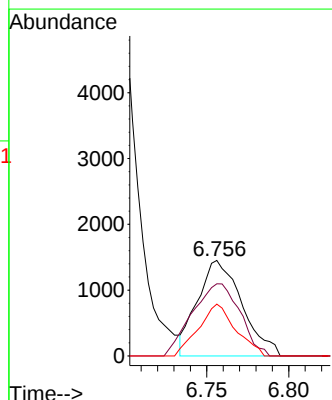
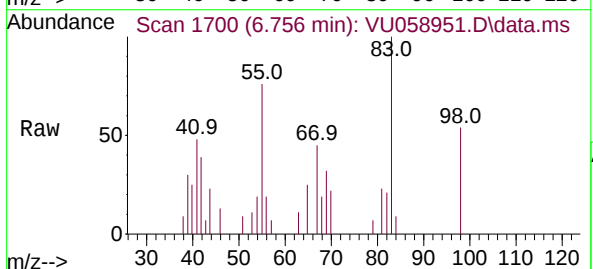
Tgt Ion: 83 Resp: 2732

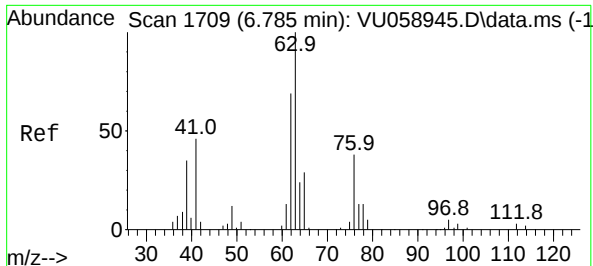
Ion Ratio Lower Upper

83 100

55 80.9 61.5 92.3

98 45.2 36.2 54.2

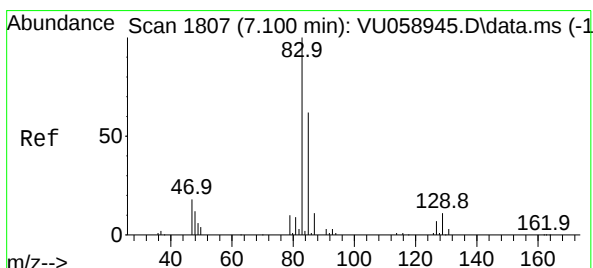
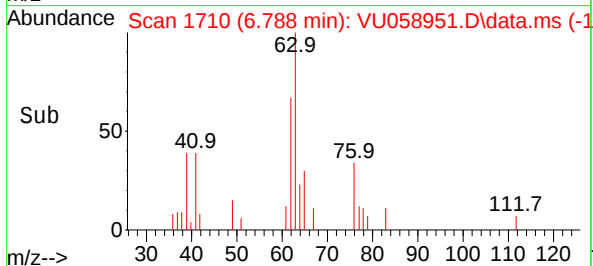
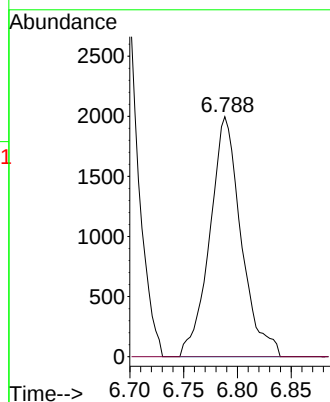
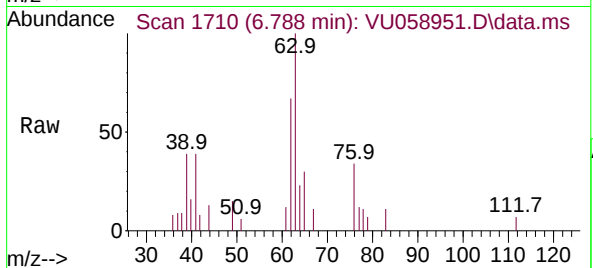




#37
1,2-Dichloropropane
Concen: 2.256 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

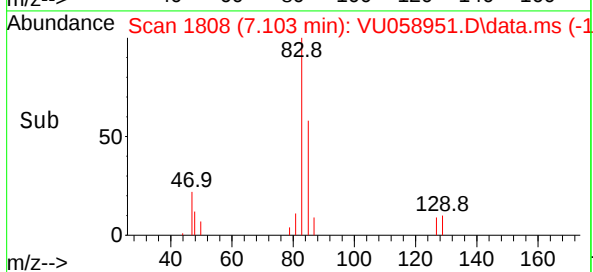
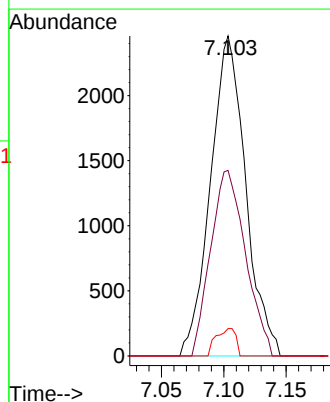
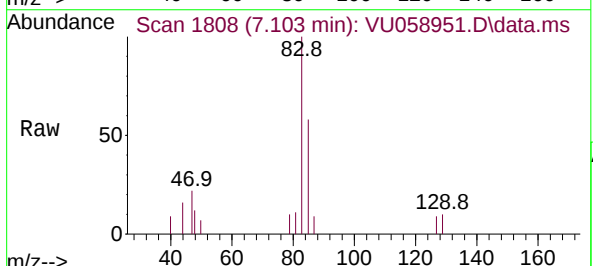
Instrument :
MSVOA_U
ClientSampleId :

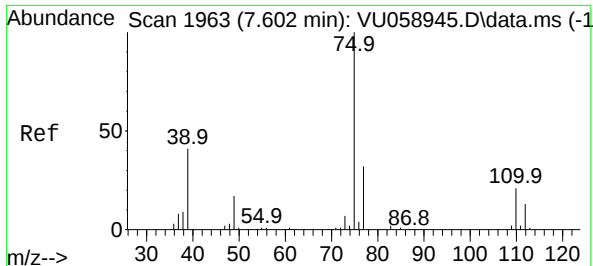
Tgt Ion: 63 Resp: 4047
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



#38
Bromodichloromethane
Concen: 2.162 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion: 83 Resp: 4821
Ion Ratio Lower Upper
83 100
85 58.0 43.5 80.9
127 8.5 5.8 8.6

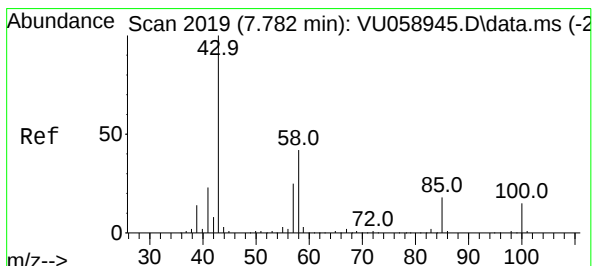
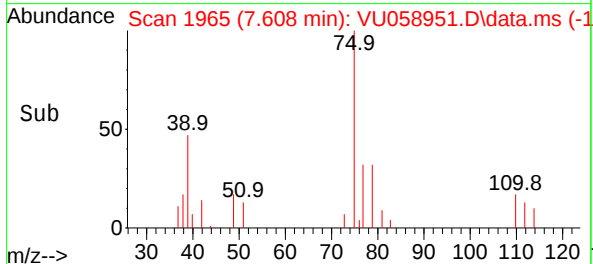
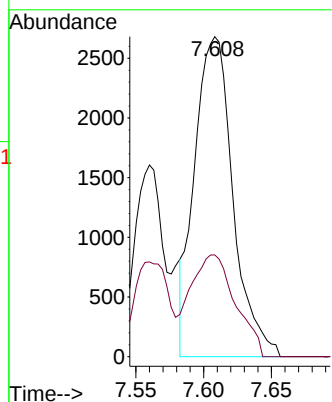
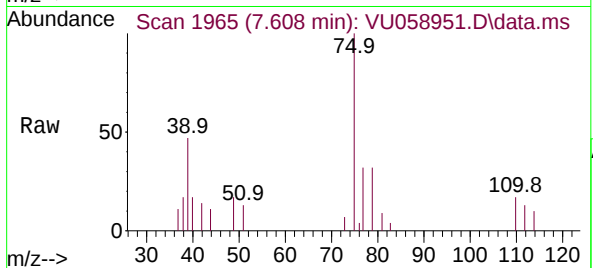




#39
 cis-1,3-Dichloropropene
 Concen: 2.140 ug/L
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU058951.D
 Acq: 23 May 2024 16:18

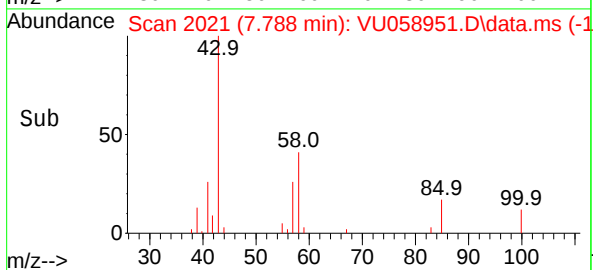
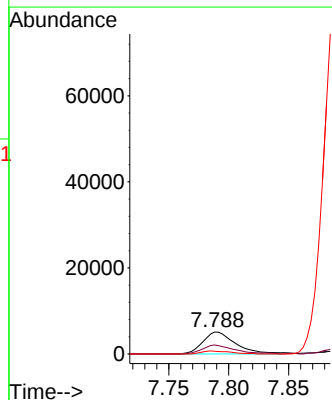
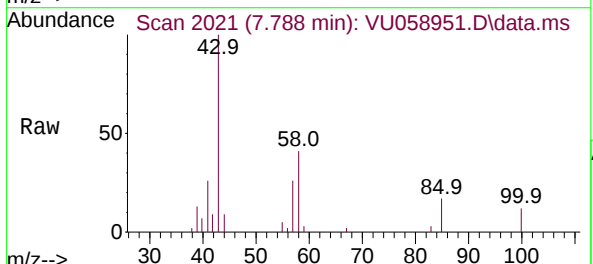
Instrument :
 MSVOA_U
 ClientSampleId :

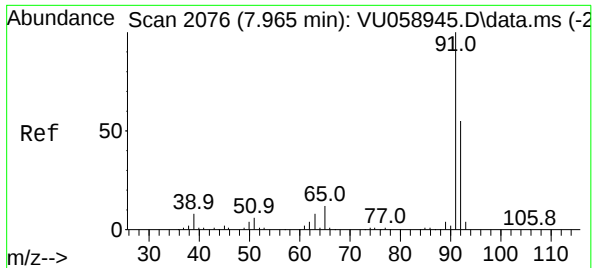
Tgt Ion: 75 Resp: 5288
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 3.761 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU058951.D
 Acq: 23 May 2024 16:18

Tgt Ion: 43 Resp: 9620
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.5 50.3
 100 11.6 11.8 17.8#





#42

Toluene

Concen: 2.119 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

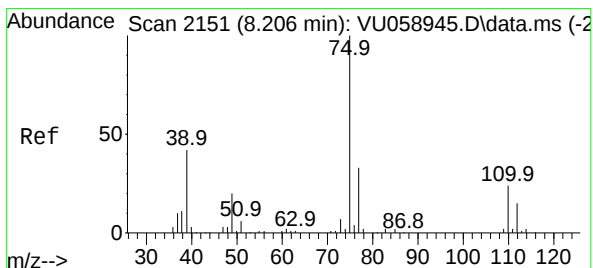
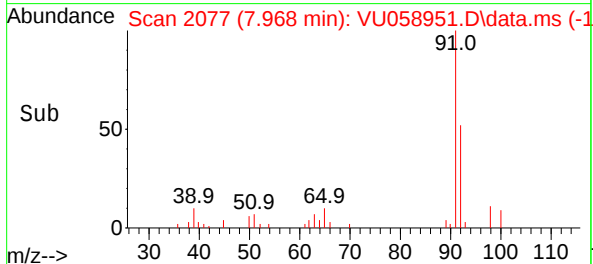
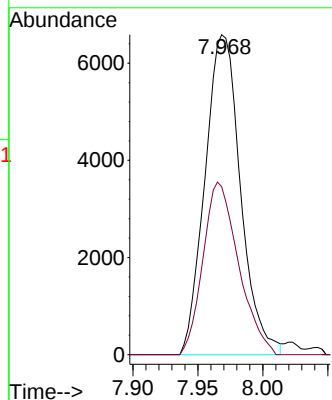
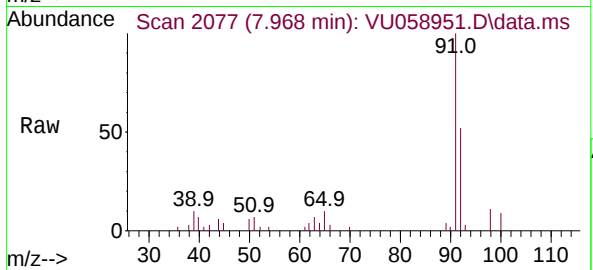
ClientSampleId :

Tgt Ion: 91 Resp: 12538

Ion Ratio Lower Upper

91 100

92 52.5 38.7 71.9



#44

trans-1,3-Dichloropropene

Concen: 2.147 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058951.D

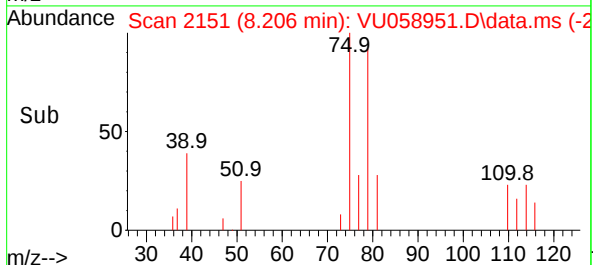
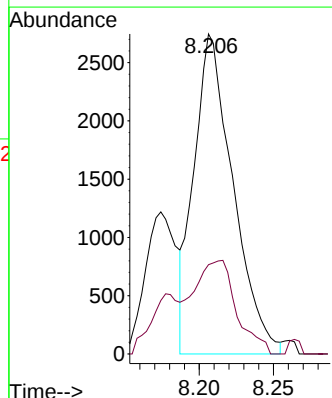
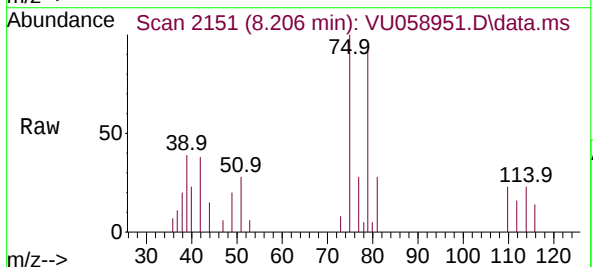
Acq: 23 May 2024 16:18

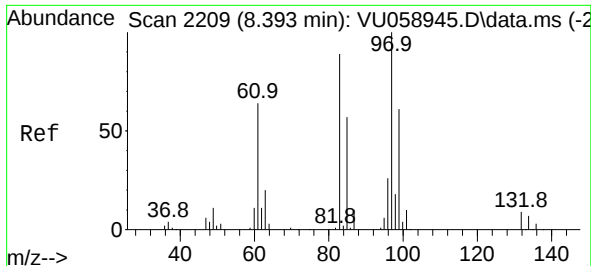
Tgt Ion: 75 Resp: 5022

Ion Ratio Lower Upper

75 100

77 27.9 23.0 42.8

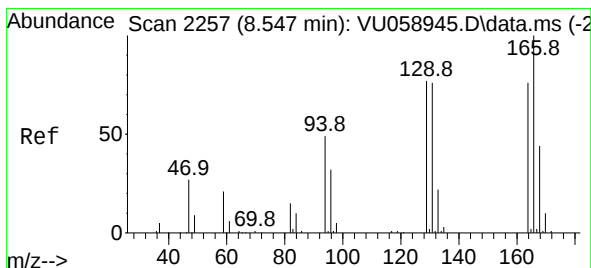
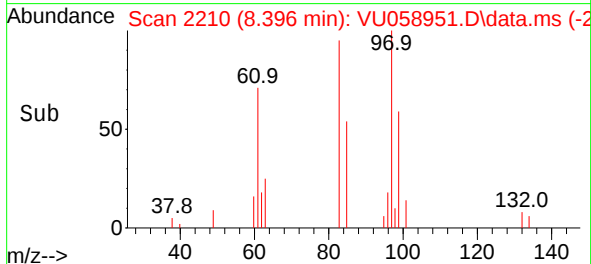
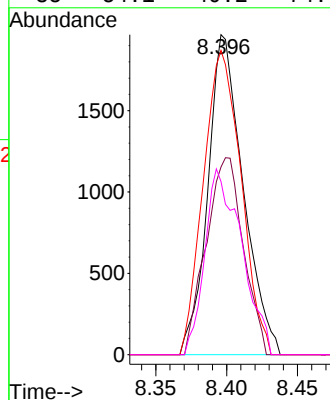
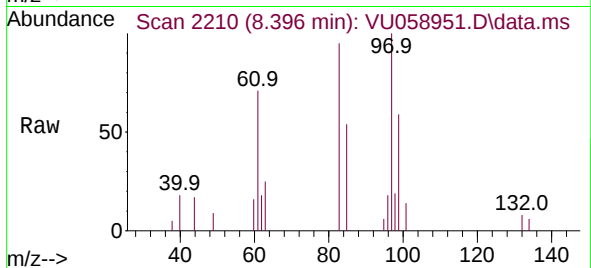




#45
1,1,2-Trichloroethane
Concen: 1.925 ug/L
RT: 8.396 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

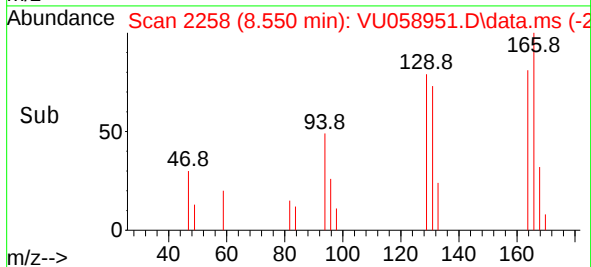
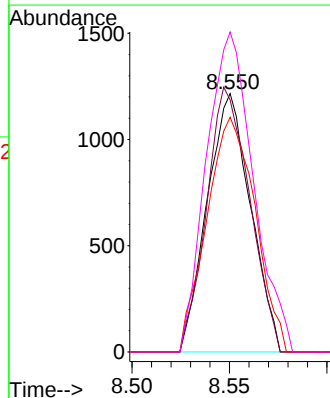
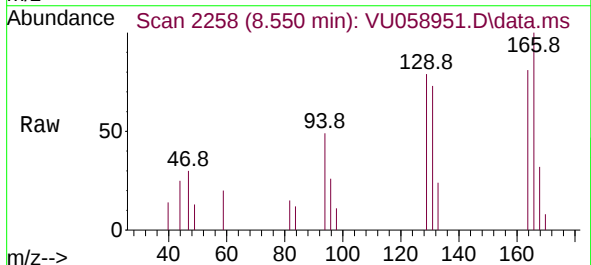
Instrument :
MSVOA_U
ClientSampleId :

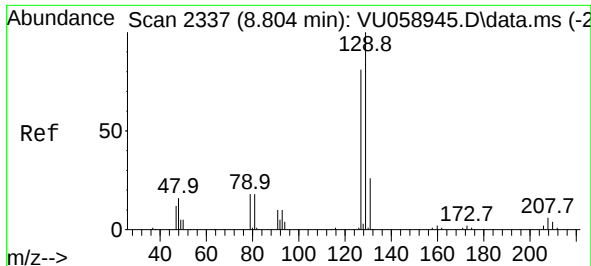
Tgt Ion:	97	Resp:	3409
Ion	Ratio	Lower	Upper
97	100		
99	58.7	42.6	79.2
83	95.1	62.2	115.6
85	54.1	40.2	74.6



#46
Tetrachloroethene
Concen: 1.924 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion:	164	Resp:	1880
Ion	Ratio	Lower	Upper
164	100		
129	97.5	70.6	131.0
131	90.9	69.2	128.6
166	123.8	91.9	170.7





#49

Dibromochloromethane

Concen: 1.926 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

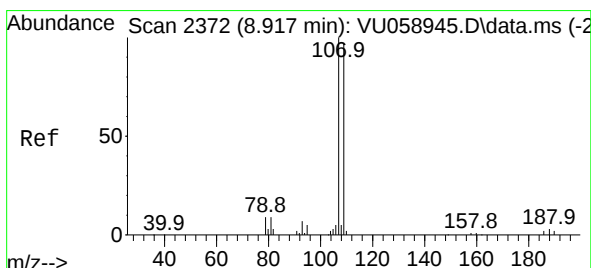
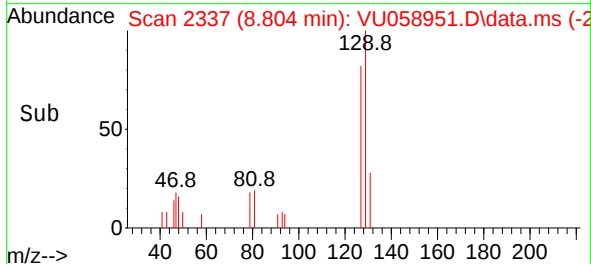
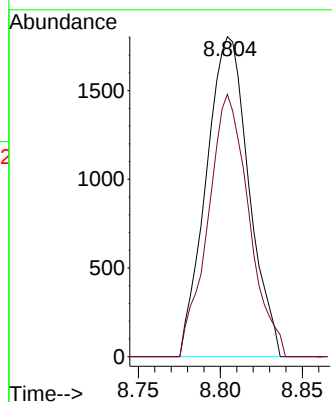
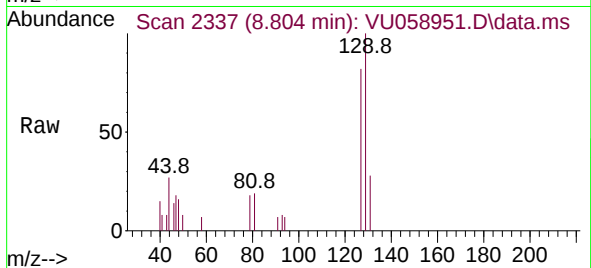
ClientSampleId :

Tgt Ion:129 Resp: 3260

Ion Ratio Lower Upper

129 100

127 82.0 56.8 105.4



#50

1,2-Dibromoethane

Concen: 2.275 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.007 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

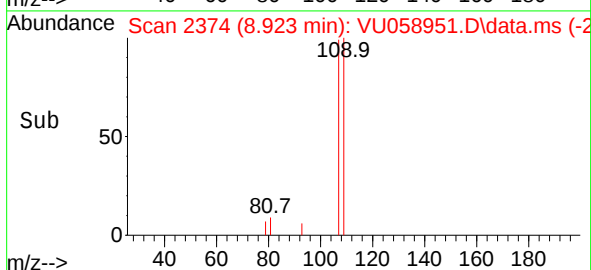
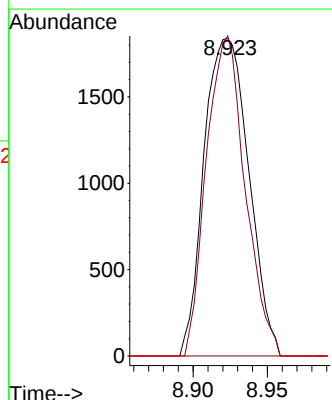
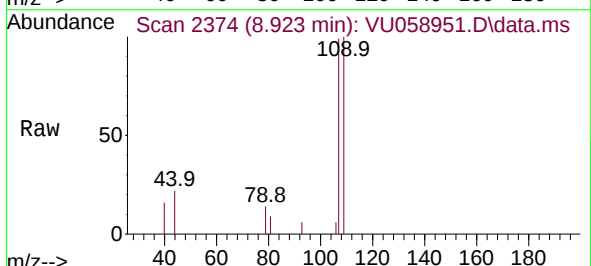
Tgt Ion:107 Resp: 3851

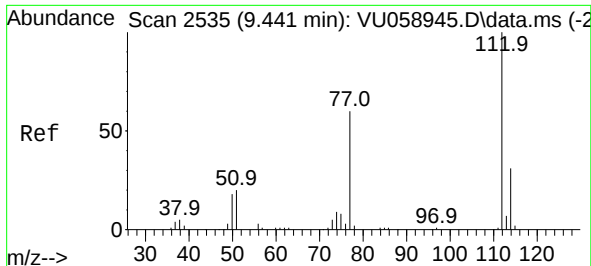
Ion Ratio Lower Upper

107 100

109 100.8 68.0 126.2

188 0.0 2.6 3.8#





#51

Chlorobenzene

Concen: 2.261 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

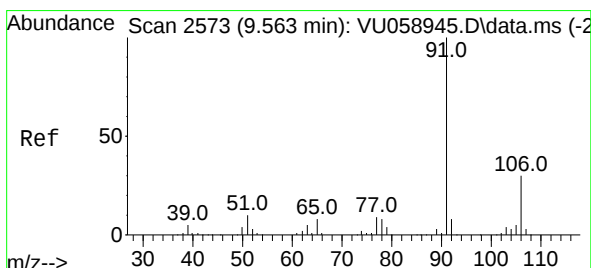
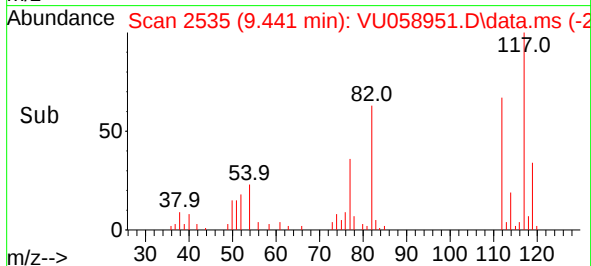
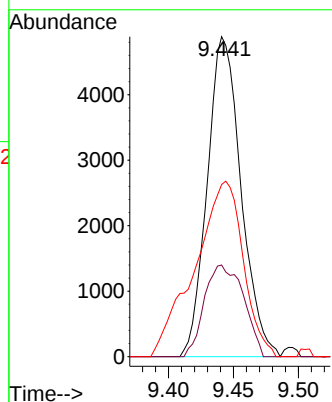
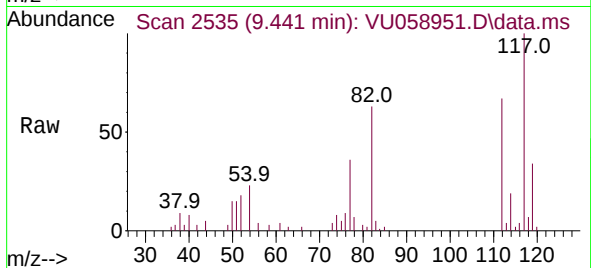
Tgt Ion:112 Resp: 8843

Ion Ratio Lower Upper

112 100

114 28.7 21.8 40.6

77 53.8 48.8 73.2



#52

Ethylbenzene

Concen: 1.926 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.007 min

Lab File: VU058951.D

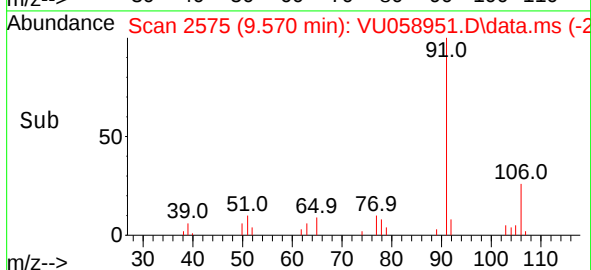
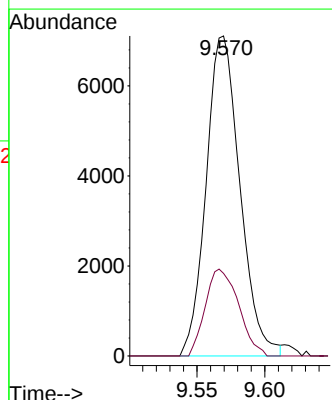
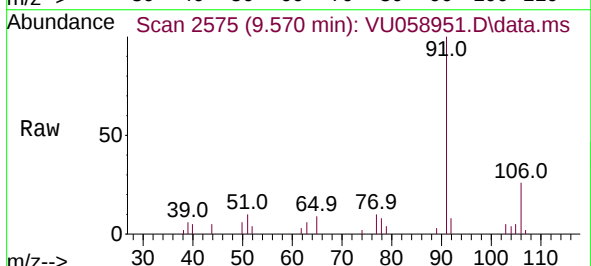
Acq: 23 May 2024 16:18

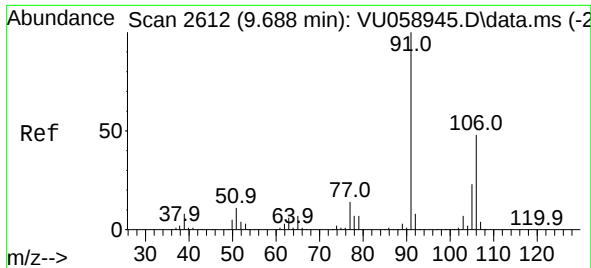
Tgt Ion: 91 Resp: 12336

Ion Ratio Lower Upper

91 100

106 28.1 20.8 38.6

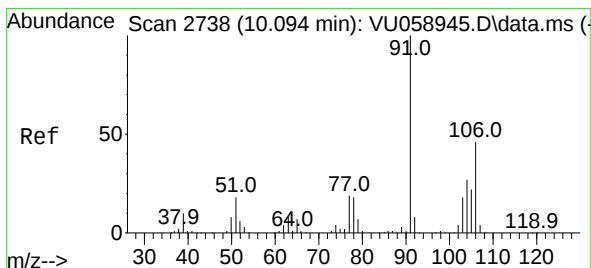
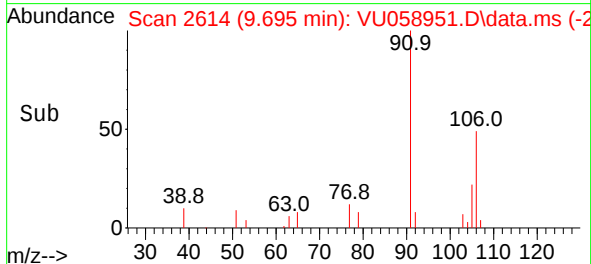
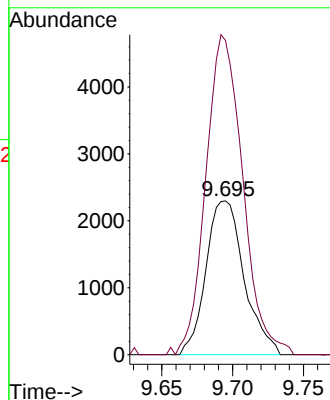
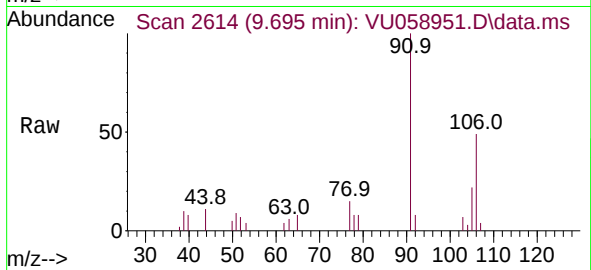




#53
m,p-Xylene
Concen: 1.874 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

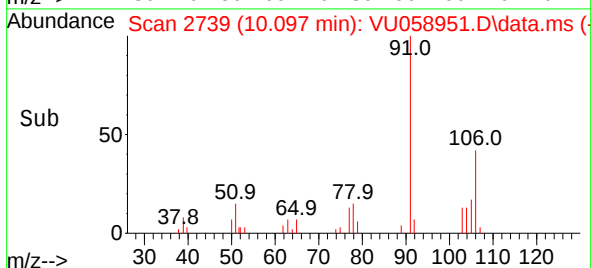
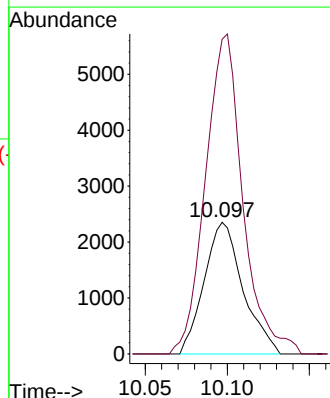
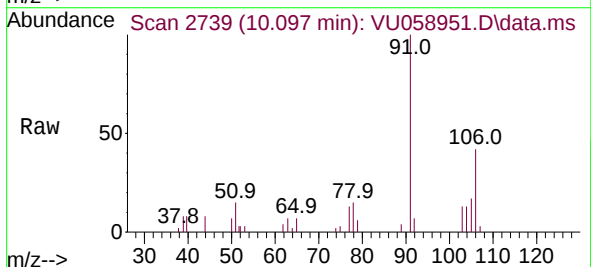
Instrument :
MSVOA_U
ClientSampleId :

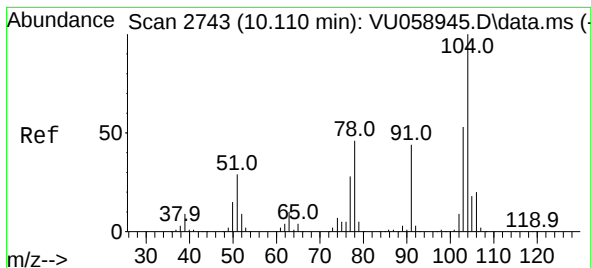
Tgt Ion:106 Resp: 4310
Ion Ratio Lower Upper
106 100
91 204.4 145.7 270.7



#54
o-Xylene
Concen: 1.681 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion:106 Resp: 3871
Ion Ratio Lower Upper
106 100
91 239.0 154.0 286.0





#55

Styrene

Concen: 1.666 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

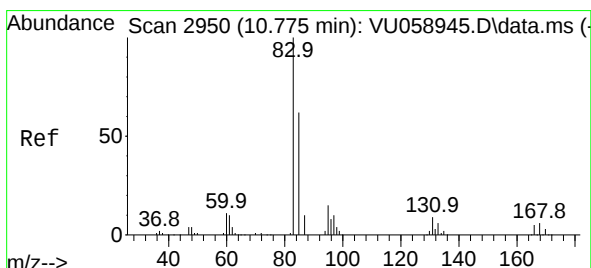
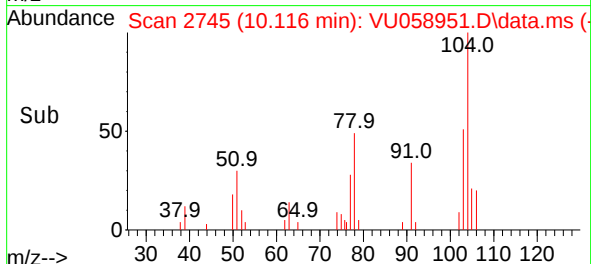
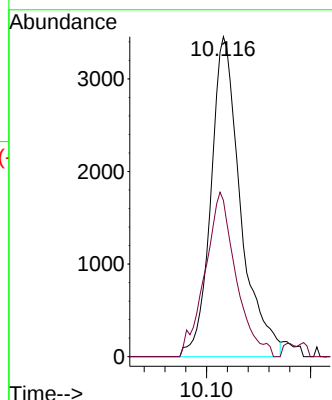
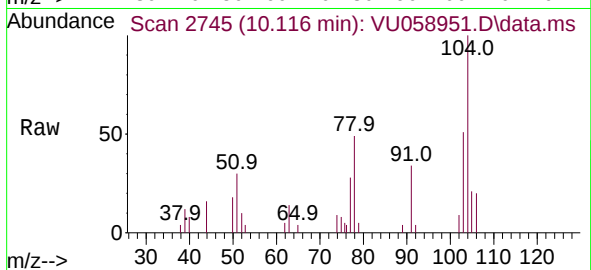
ClientSampleId :

Tgt Ion:104 Resp: 6852

Ion Ratio Lower Upper

104 100

78 48.8 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 2.394 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

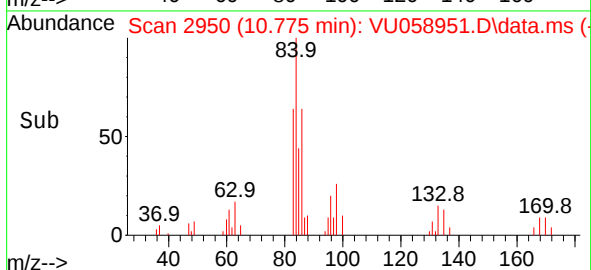
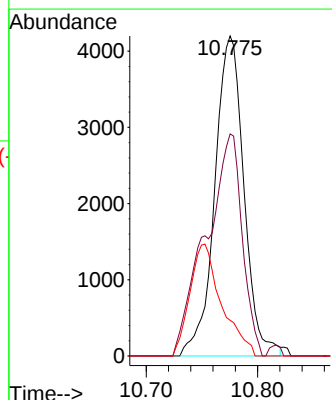
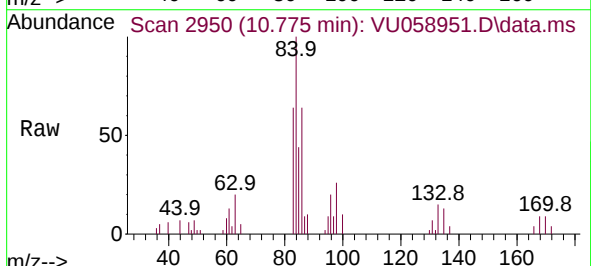
Tgt Ion: 83 Resp: 7641

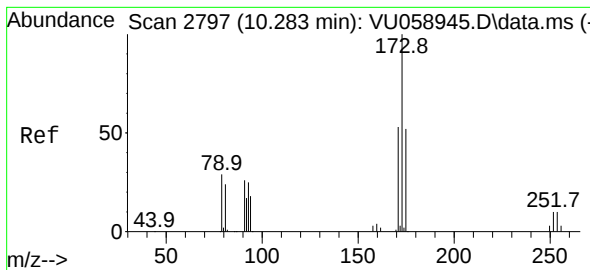
Ion Ratio Lower Upper

83 100

85 69.4 43.5 80.9

131 11.1 7.1 10.7#





#59

Bromoform

Concen: 2.363 ug/L

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

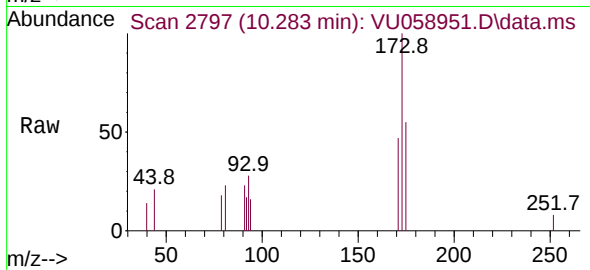
Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :



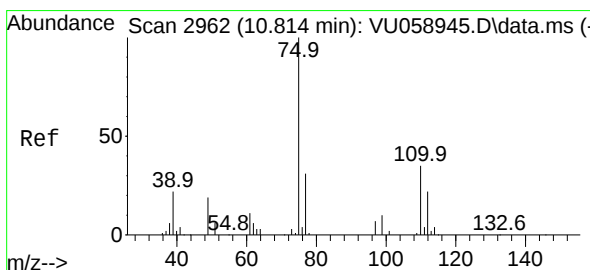
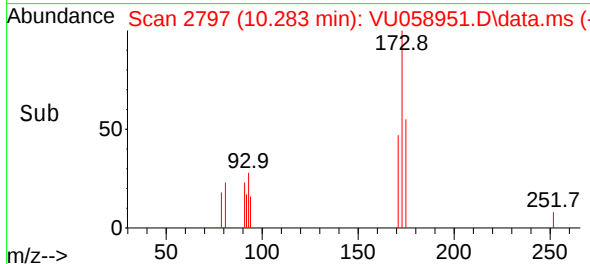
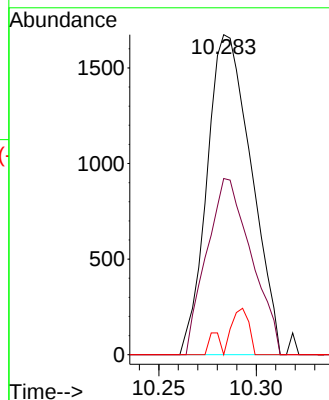
Tgt Ion:173 Resp: 2645

Ion Ratio Lower Upper

173 100

175 55.4 40.6 61.0

254 1.7 7.3 10.9#



#60

1,2,3-Trichloropropane

Concen: 2.507 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

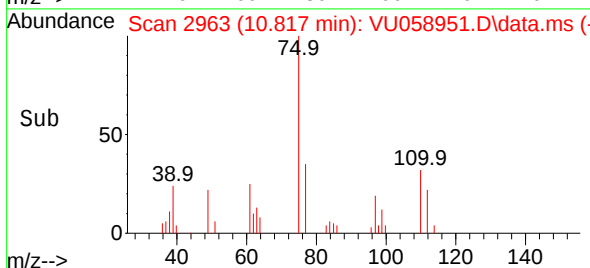
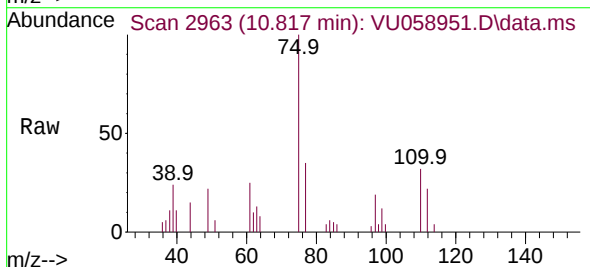
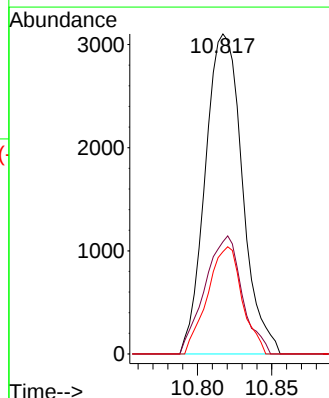
Tgt Ion: 75 Resp: 5389

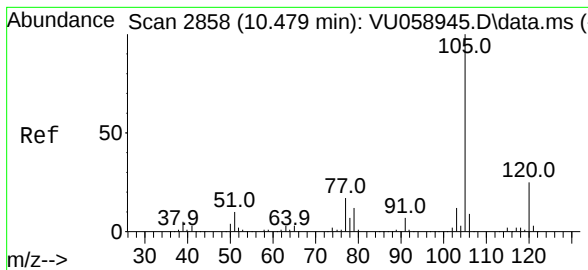
Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

110 31.3 28.3 42.5





#61

Isopropylbenzene

Concen: 1.979 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU058951.D

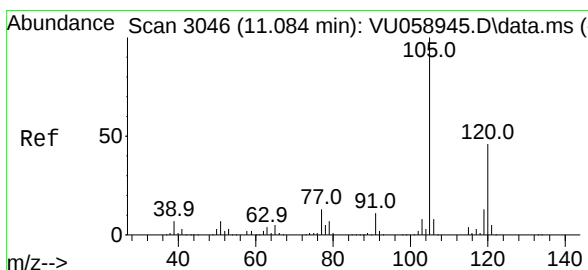
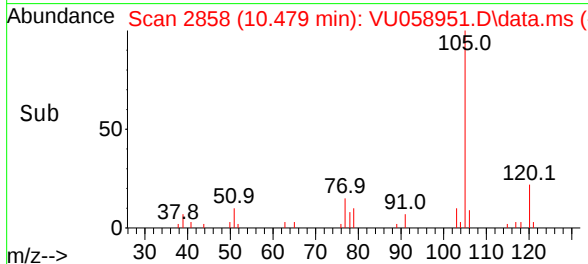
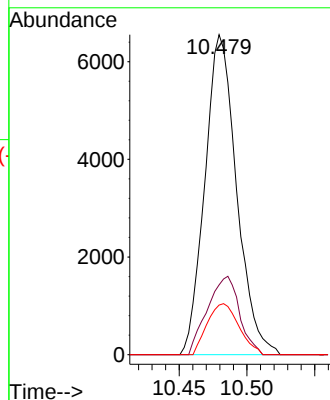
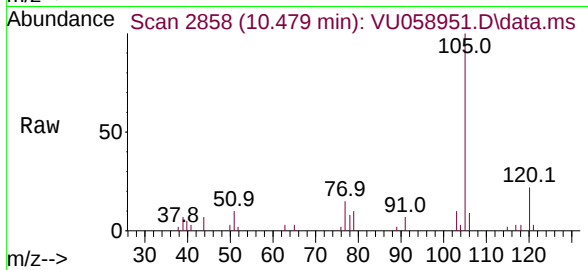
Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	10674
Ion Ratio	Lower	Upper
105	100	
120	24.7	20.0 30.0
77	15.9	13.4 20.0



#62

1,3,5-Trimethylbenzene

Concen: 1.810 ug/L

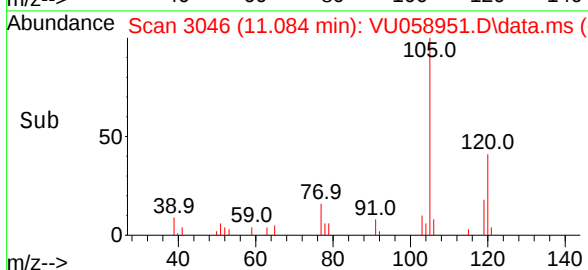
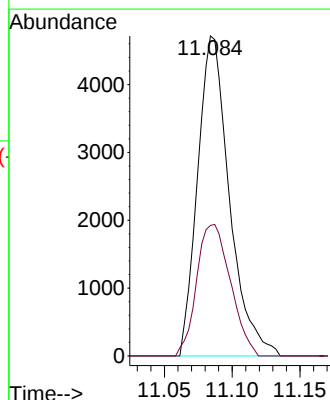
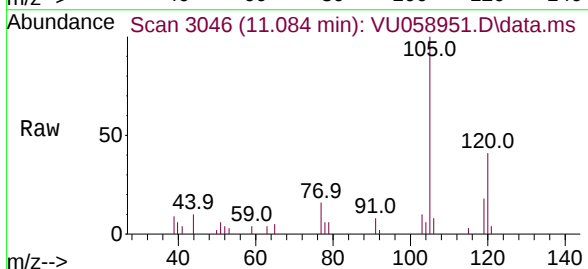
RT: 11.084 min Scan# 3046

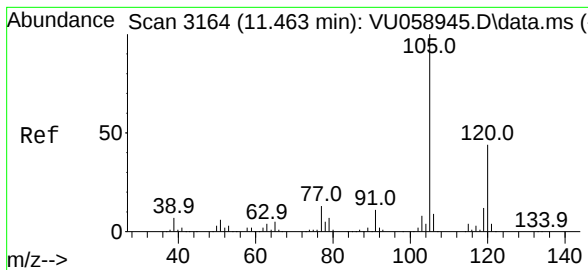
Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Tgt Ion:105	Resp:	7693
Ion Ratio	Lower	Upper
105	100	
120	43.7	36.9 55.3

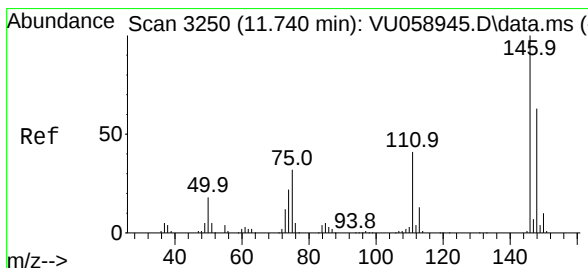
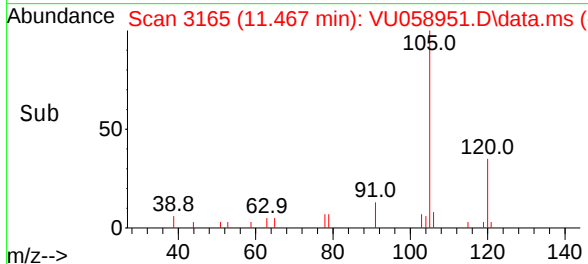
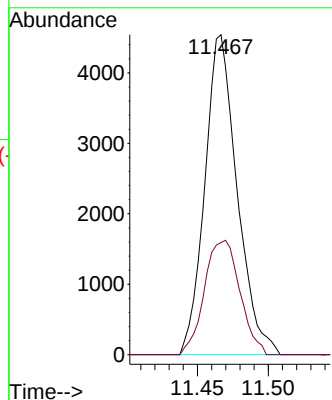
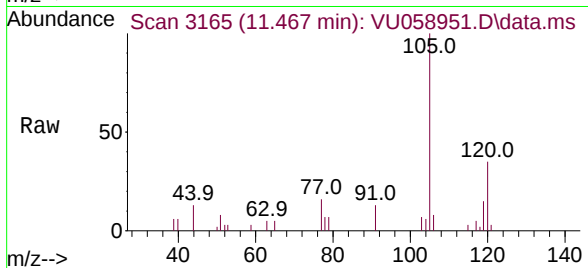




#63
1,2,4-Trimethylbenzene
Concen: 1.682 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

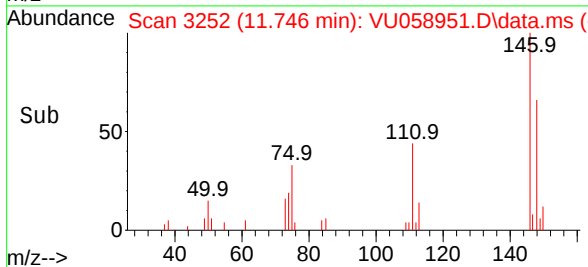
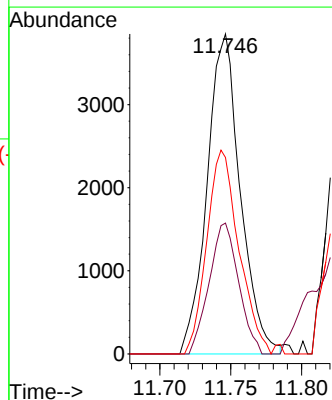
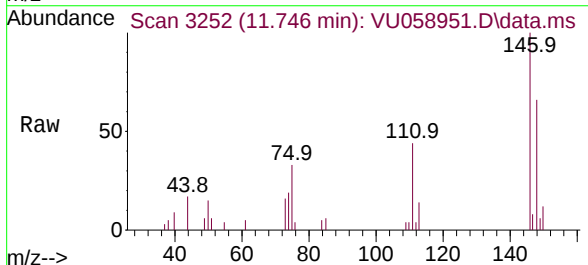
Instrument :
MSVOA_U
ClientSampleId :

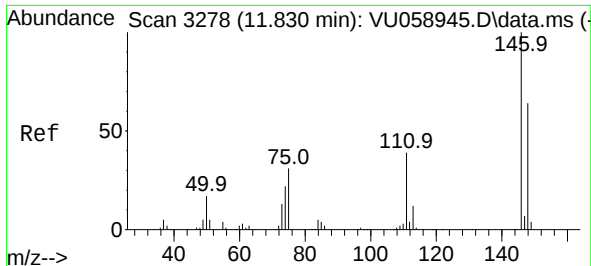
Tgt Ion:105 Resp: 7209
Ion Ratio Lower Upper
105 100
120 39.2 35.3 52.9



#64
1,3-Dichlorobenzene
Concen: 2.242 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU058951.D
Acq: 23 May 2024 16:18

Tgt Ion:146 Resp: 6277
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 61.4 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 2.409 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

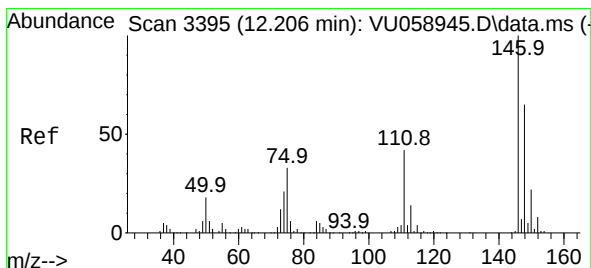
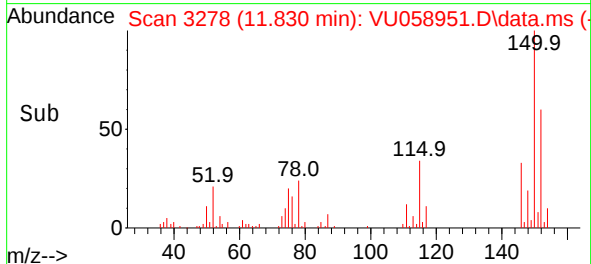
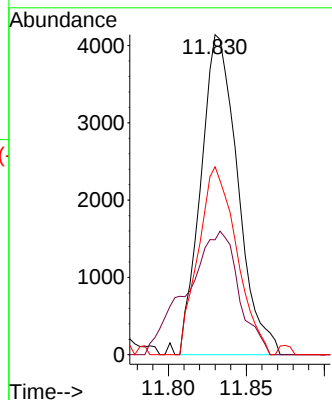
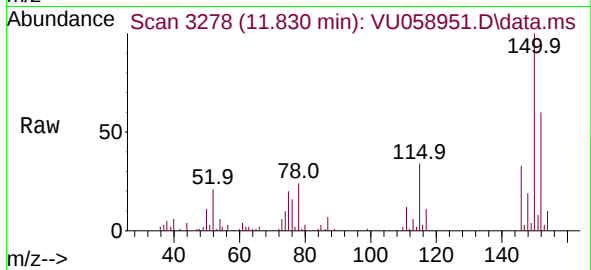
Tgt Ion:146 Resp: 6812

Ion Ratio Lower Upper

146 100

111 36.4 27.3 50.7

148 54.5 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 2.371 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

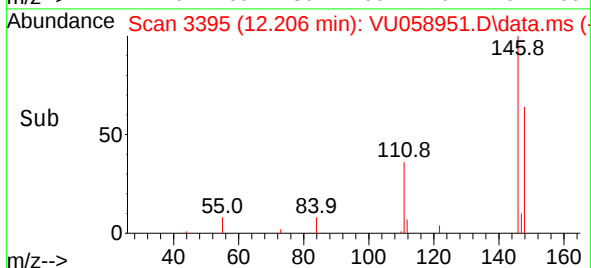
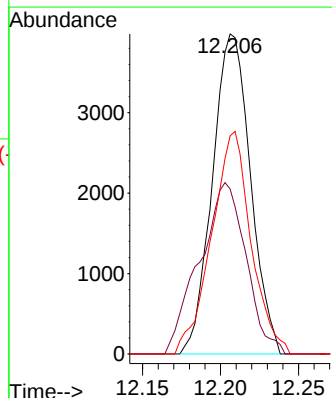
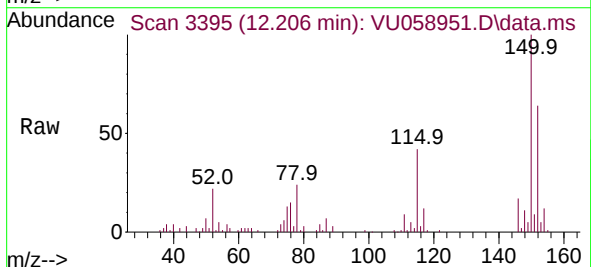
Tgt Ion:146 Resp: 6753

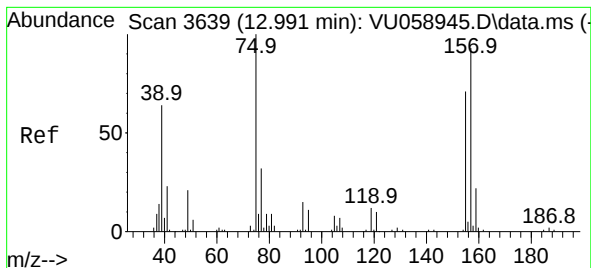
Ion Ratio Lower Upper

146 100

111 57.9 34.1 51.1#

148 68.2 52.2 78.4





#68

1,2-Dibromo-3-chloropropane

Concen: 1.988 ug/L

RT: 13.000 min Scan# 3

Delta R.T. 0.010 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

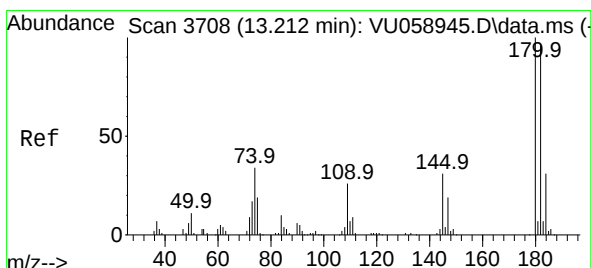
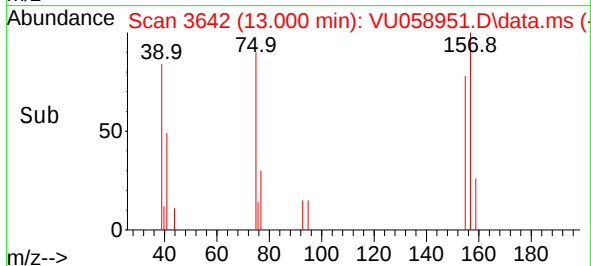
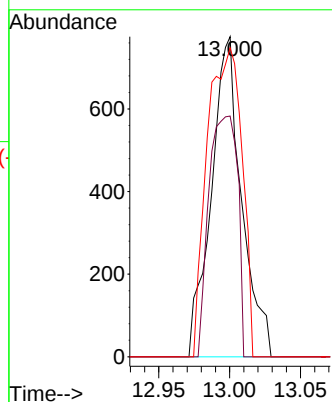
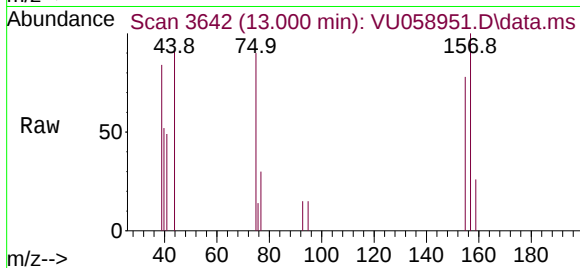
Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

155 75.2 60.2 90.4

157 96.5 77.2 115.8



#69

1,3,5-Trichlorobenzene

Concen: 1.549 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

Tgt Ion:180 Resp: 3056

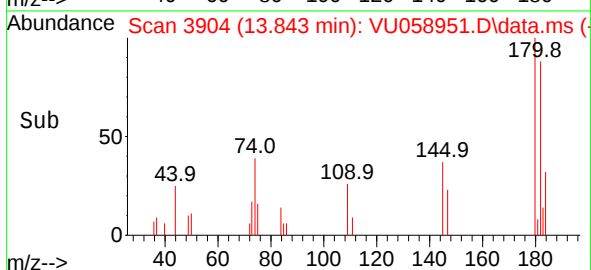
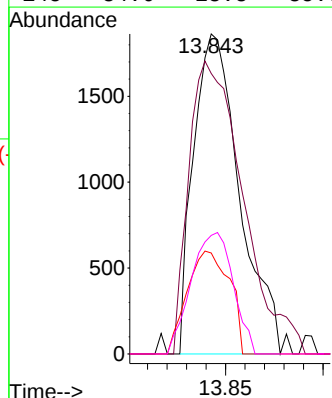
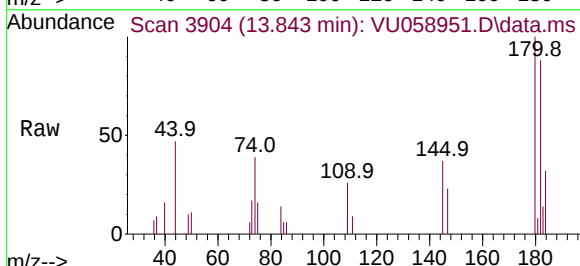
Ion Ratio Lower Upper

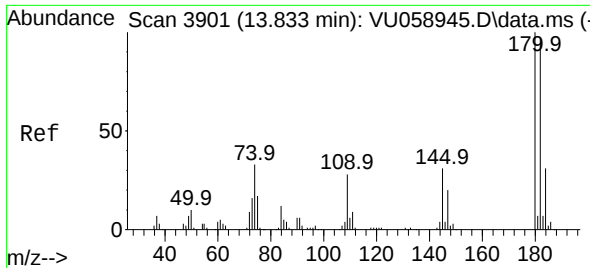
180 100

182 103.3 75.7 113.5

184 29.5 24.3 36.5

145 34.6 23.8 35.6





#70

1,2,4-trichlorobenzene

Concen: 1.799 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

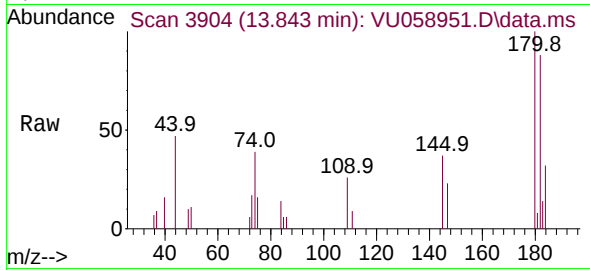
Lab File: VU058951.D

Acq: 23 May 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :



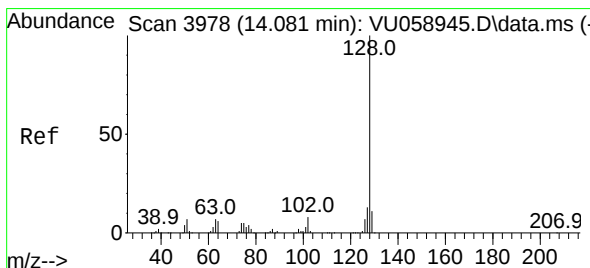
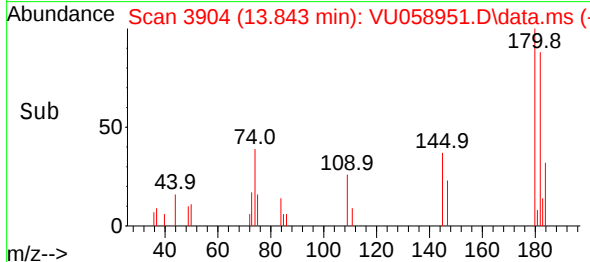
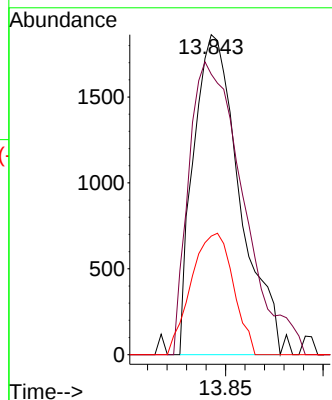
Tgt Ion:180 Resp: 3056

Ion Ratio Lower Upper

180 100

182 103.3 78.6 117.8

145 34.6 24.6 37.0



#71

Naphthalene

Concen: 1.711 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU058951.D

Acq: 23 May 2024 16:18

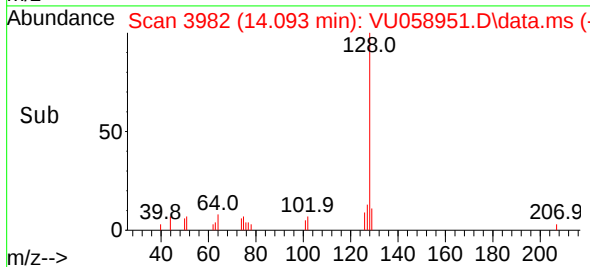
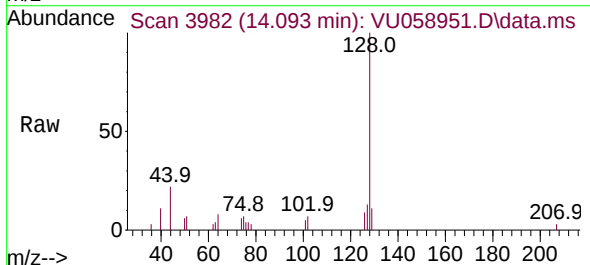
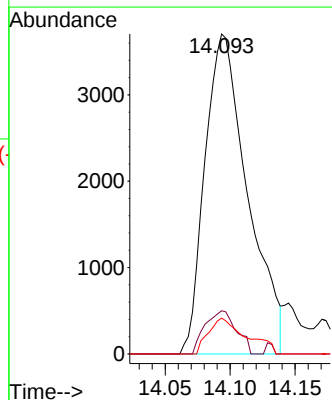
Tgt Ion:128 Resp: 8479

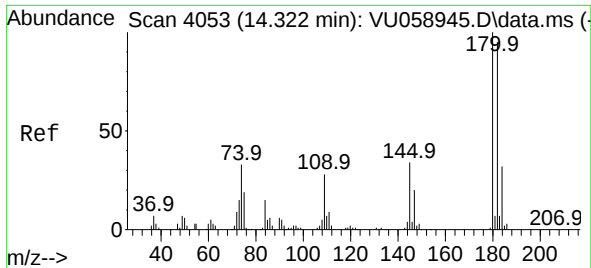
Ion Ratio Lower Upper

128 100

127 9.4 10.8 16.2#

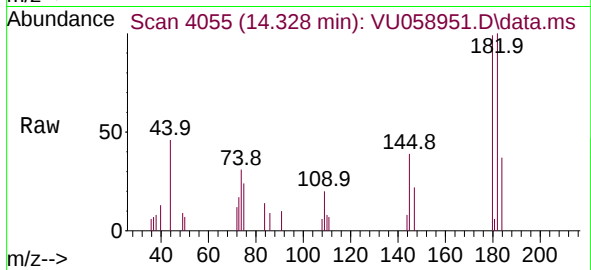
129 8.1 8.8 13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.910 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.006 min
 Lab File: VU058951.D
 Acq: 23 May 2024 16:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3323
Ion Ratio	Lower	Upper	
180	100		
182	98.7	76.1	114.1
145	35.1	26.2	39.2

