

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060502.D
 Acq On : 22 Aug 2024 14:14
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 23 06:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	76357	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3057	0.564	ug/L	0.00
7) Chloroethane-d5	1.911	69	4581	0.879	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2394	1.002	ug/L	0.00
20) 2-Butanone-d5	4.653	46	7383	5.845	ug/L	0.02
24) Chloroform-d	5.055	84	9086	0.797	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	5211	0.955	ug/L	0.00
32) Benzene-d6	5.724	84	15177	0.658	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5349	0.740	ug/L	0.00
41) Toluene-d8	7.894	98	14111	0.689	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1667	0.710	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	6303	6.087	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	4349	0.737	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5100	0.803	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8864	1.735	ug/L	100
3) Chloromethane	1.518	50	7386	1.323	ug/L	97
5) Vinyl chloride	1.602	62	6782	1.091	ug/L	91
6) Bromomethane	1.853	94	6411	1.364	ug/L	100
8) Chloroethane	1.930	64	6803	1.505	ug/L	96
9) Trichlorofluoromethane	2.136	101	16392	1.729	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8757	1.554	ug/L	96
12) 1,1-Dichloroethene	2.573	96	7653	1.508	ug/L	94
13) Acetone	2.653	43	12536	14.421	ug/L	100
14) Carbon disulfide	2.788	76	27584	1.982	ug/L	98
15) Methyl Acetate	2.962	43	3024	1.594	ug/L	95
16) Methylene chloride	3.039	84	8629	1.197	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	11834	0.982	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	5530	1.106	ug/L	82
19) 1,1-Dichloroethane	3.862	63	11077	1.054	ug/L	99
21) 2-Butanone	4.730	43	10478	7.911	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	5623	0.940	ug/L	97
23) Bromochloromethane	4.972	128	2729	0.995	ug/L	92
25) Chloroform	5.084	83	11744	1.044	ug/L	97
27) 1,2-Dichloroethane	5.791	62	8216	1.305	ug/L #	93
29) 1,1,1-Trichloroethane	5.312	97	10609	1.141	ug/L	94
30) Cyclohexane	5.383	56	7694	1.000	ug/L	95
31) Carbon tetrachloride	5.515	117	9024	1.100	ug/L	96
33) Benzene	5.769	78	21980	0.931	ug/L	100
34) Trichloroethene	6.541	95	6105	0.979	ug/L	93
35) Methylcyclohexane	6.759	83	8375	1.008	ug/L	98
37) 1,2-Dichloropropane	6.785	63	5918	0.916	ug/L #	94
38) Bromodichloromethane	7.100	83	8282	1.036	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	8262	0.940	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	30650	9.973	ug/L	95
42) Toluene	7.965	91	22873	0.915	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	7055	0.965	ug/L	94

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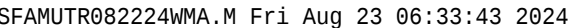
Quant Time: Aug 23 06:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
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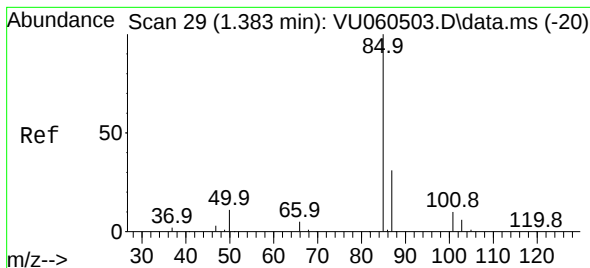
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	4648	0.962	ug/L	98
47) Tetrachloroethene	8.550	164	5470	1.111	ug/L	89
48) 2-Hexanone	8.685	43	20219	8.770	ug/L	98
49) Dibromochloromethane	8.804	129	5282	1.022	ug/L	91
50) 1,2-Dibromoethane	8.920	107	3872	0.899	ug/L #	96
51) Chlorobenzene	9.441	112	16857	1.005	ug/L	97
52) Ethylbenzene	9.566	91	23818	0.899	ug/L	92
53) m,p-Xylene	9.692	106	8107	0.809	ug/L	99
54) o-Xylene	10.097	106	7849	0.821	ug/L	97
55) Styrene	10.110	104	13332	0.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	5450	0.914	ug/L	91
59) Bromoform	10.283	173	2844	1.034	ug/L	99
60) Isopropylbenzene	10.479	105	21415	0.976	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	3589	1.035	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	16099	0.952	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	15979	0.914	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	11192	0.949	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	11561	0.978	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	11213	1.074	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	783	1.194	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.216	180	8998	1.071	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	5854	0.892	ug/L	94
71) Naphthalene	14.093	128	5818	0.633	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	4867	0.832	ug/L	96

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

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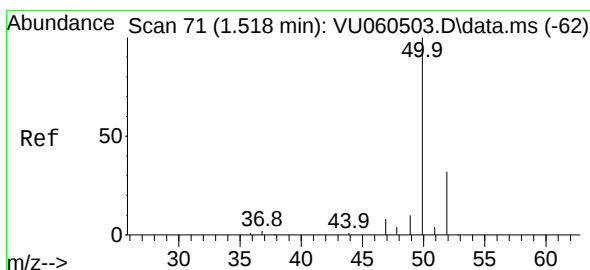
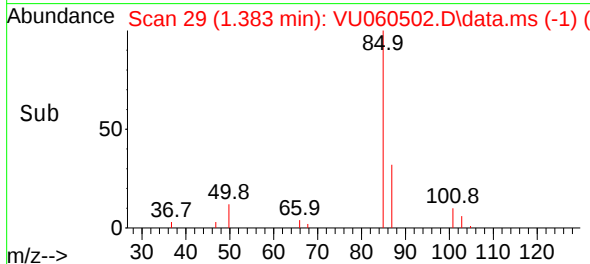
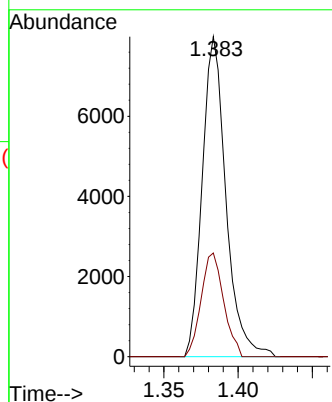
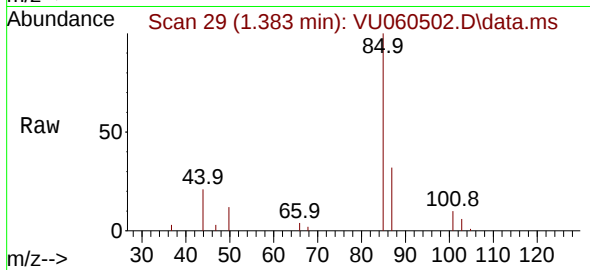




#2
 Dichlorodifluoromethane
 Concen: 1.735 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

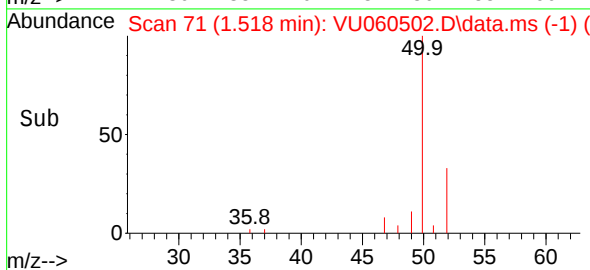
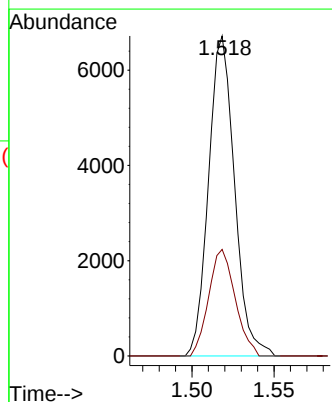
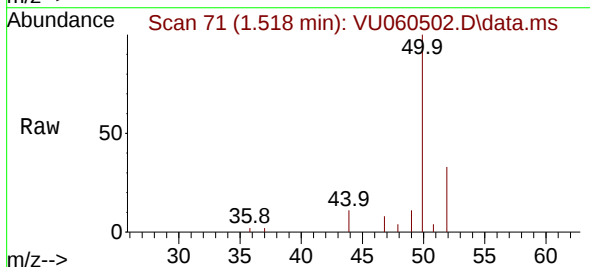
Instrument :
 MSVOA_U
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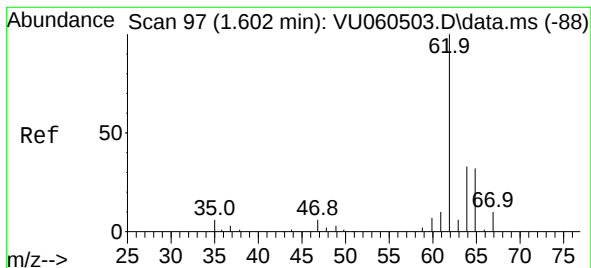
Tgt Ion: 85 Resp: 8864
 Ion Ratio Lower Upper
 85 100
 87 30.7 24.6 37.0



#3
 Chloromethane
 Concen: 1.323 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

Tgt Ion: 50 Resp: 7386
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.2 41.2





#5

Vinyl chloride

Concen: 1.091 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

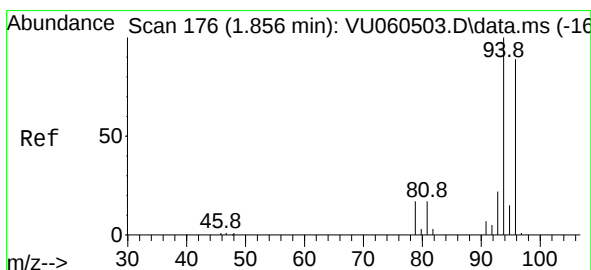
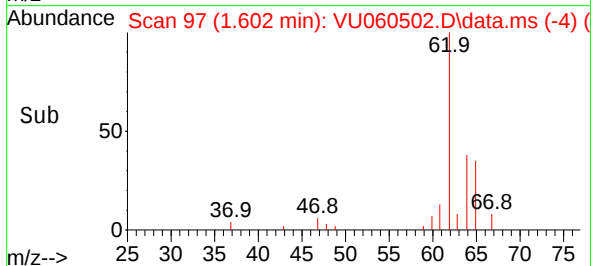
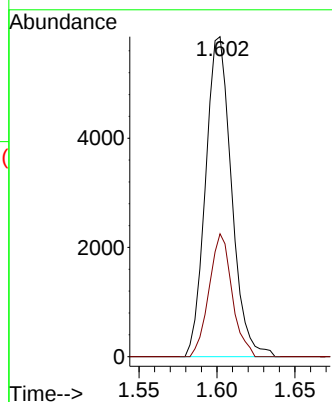
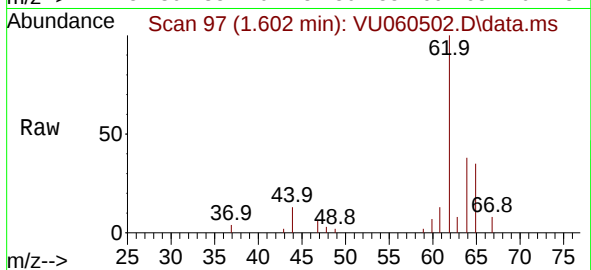
ClientSampleId :

Tgt Ion: 62 Resp: 6782

Ion Ratio Lower Upper

62 100

64 38.4 23.2 43.0



#6

Bromomethane

Concen: 1.364 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060502.D

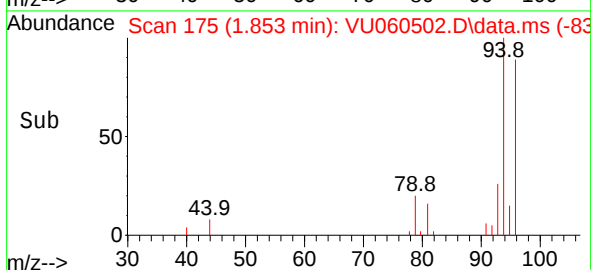
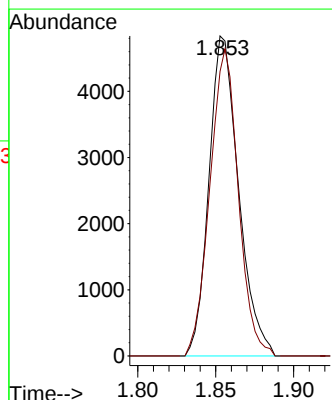
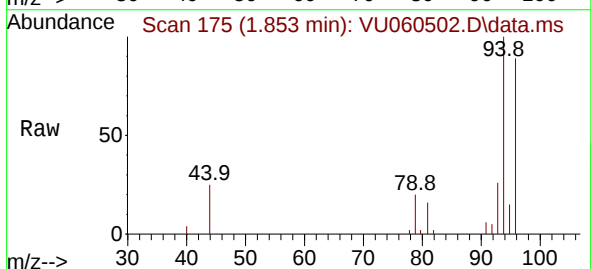
Acq: 22 Aug 2024 14:14

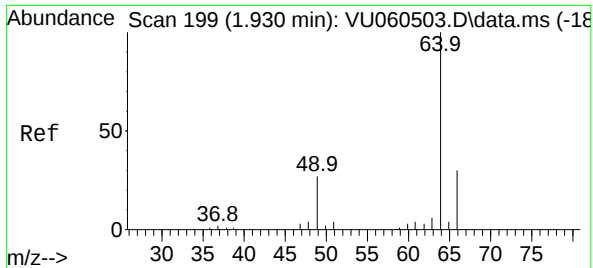
Tgt Ion: 94 Resp: 6411

Ion Ratio Lower Upper

94 100

96 88.9 62.4 115.8

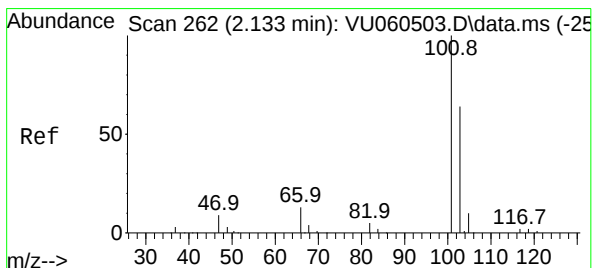
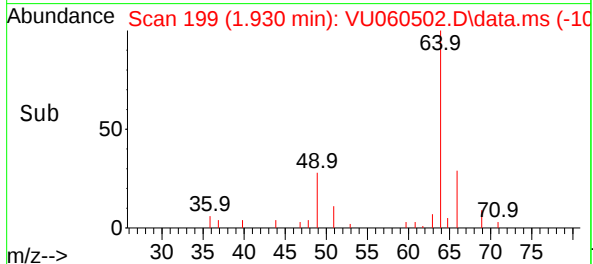
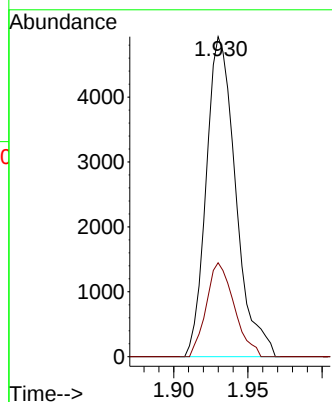
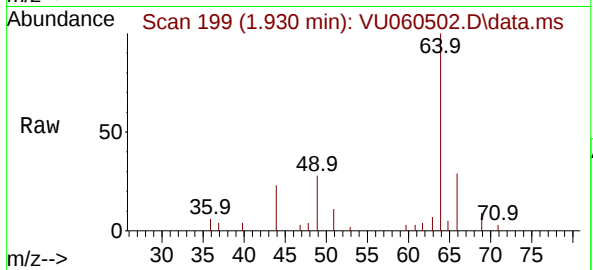




#8
Chloroethane
Concen: 1.505 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

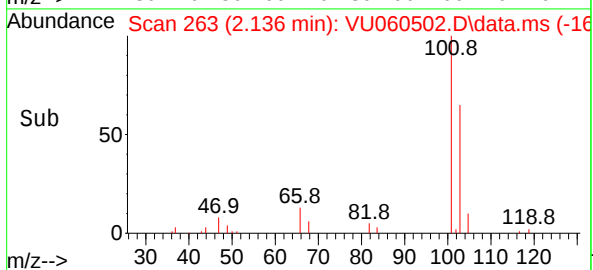
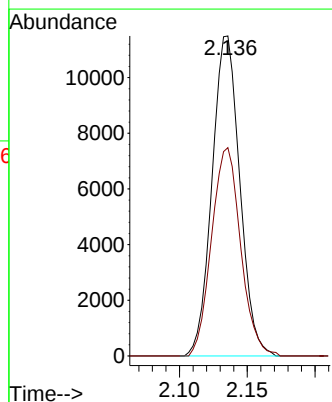
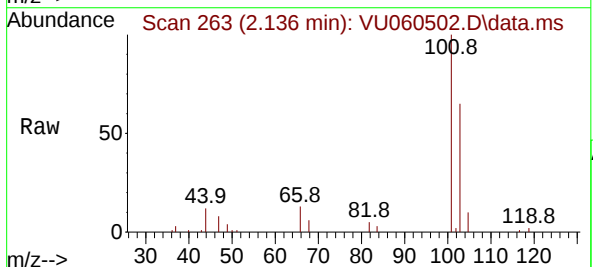
Instrument :
MSVOA_U
ClientSampleId :

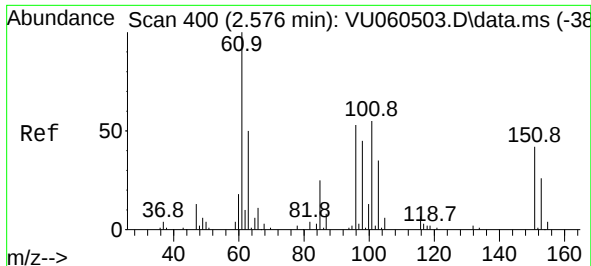
Tgt Ion: 64 Resp: 6803
Ion Ratio Lower Upper
64 100
66 28.0 21.1 39.1



#9
Trichlorofluoromethane
Concen: 1.729 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion:101 Resp: 16392
Ion Ratio Lower Upper
101 100
103 68.1 51.7 77.5

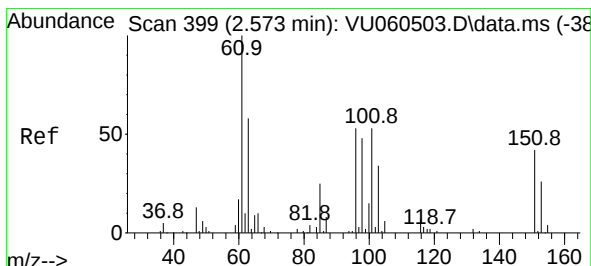
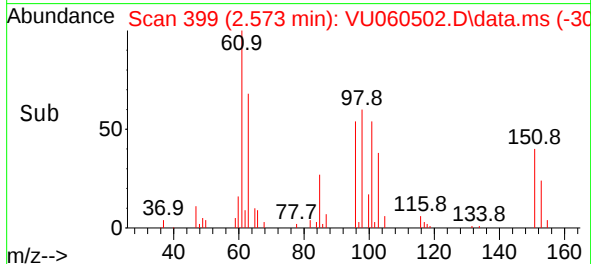
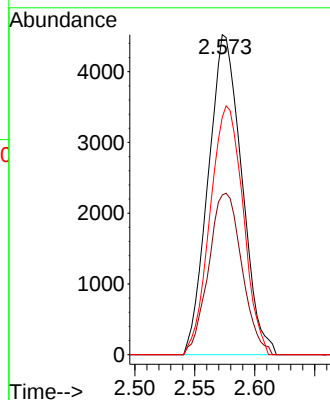
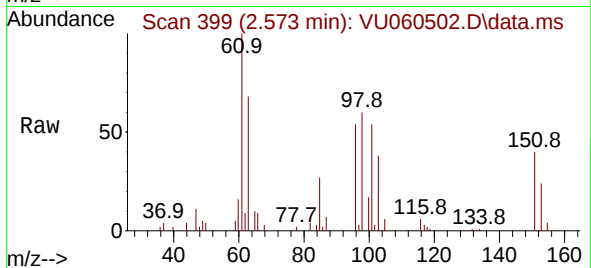




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.554 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

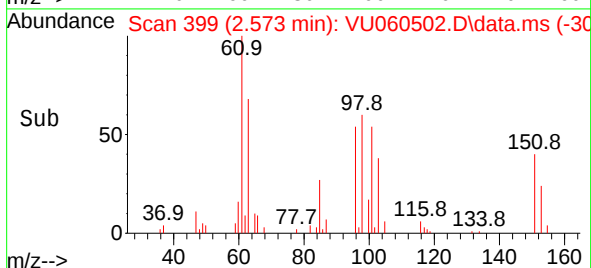
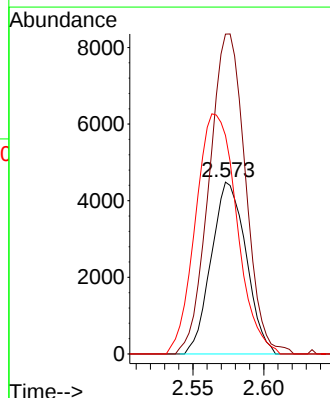
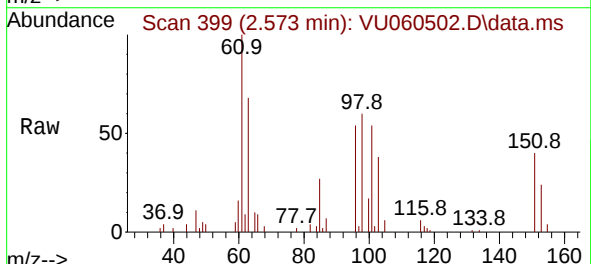
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MSVOA_U
ClientSampleId :

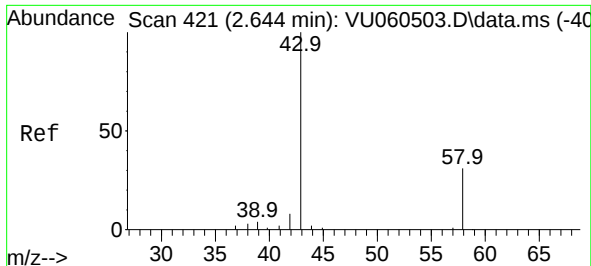
Tgt Ion:101 Resp: 8757
Ion Ratio Lower Upper
101 100
85 50.3 36.2 54.2
151 76.9 59.9 89.9



#12
1,1-Dichloroethene
Concen: 1.508 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 96 Resp: 7653
Ion Ratio Lower Upper
96 100
61 186.1 133.6 248.0
63 127.2 80.8 150.2





#13

Acetone

Concen: 14.421 ug/L

RT: 2.653 min Scan# 421

Delta R.T. 0.010 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

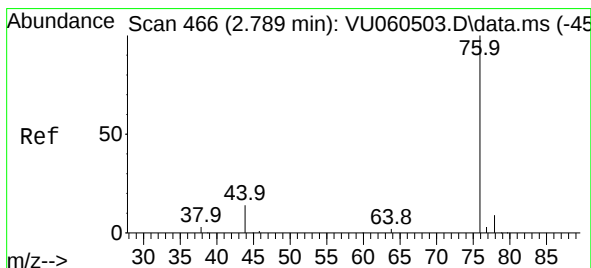
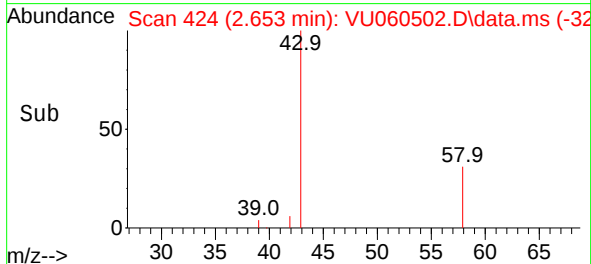
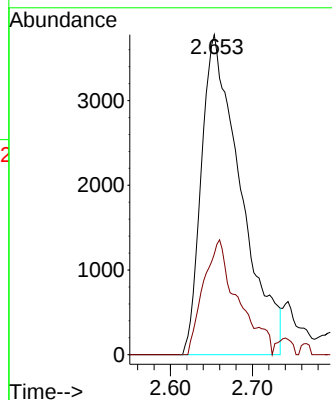
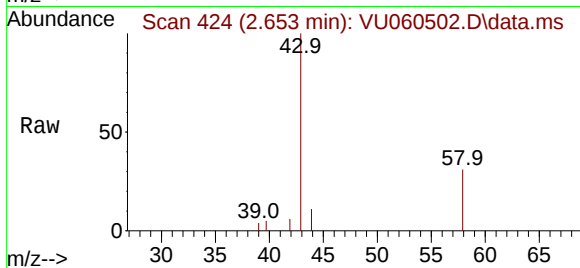
ClientSampleId :

Tgt Ion: 43 Resp: 12536

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.6



#14

Carbon disulfide

Concen: 1.982 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060502.D

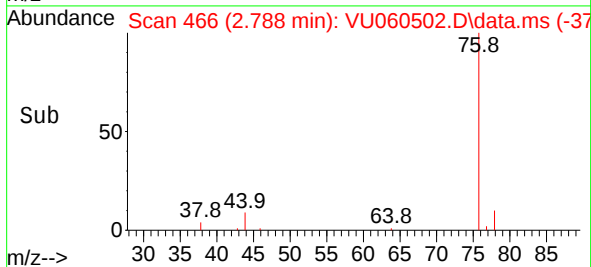
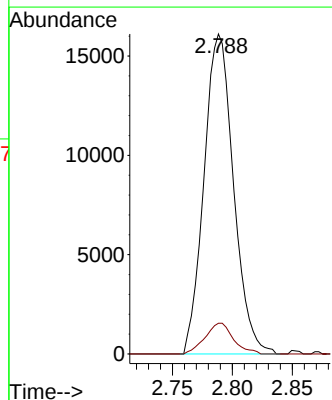
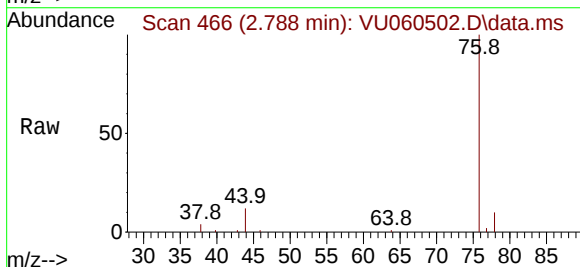
Acq: 22 Aug 2024 14:14

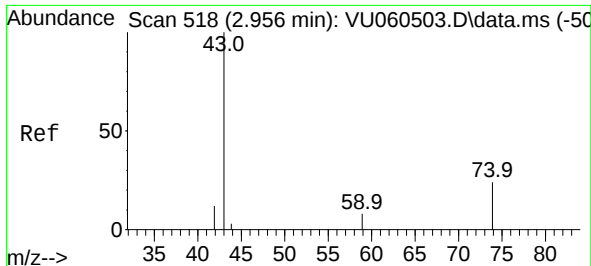
Tgt Ion: 76 Resp: 27584

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7





#15

Methyl Acetate

Concen: 1.594 ug/L

RT: 2.962 min Scan# 518

Delta R.T. 0.006 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

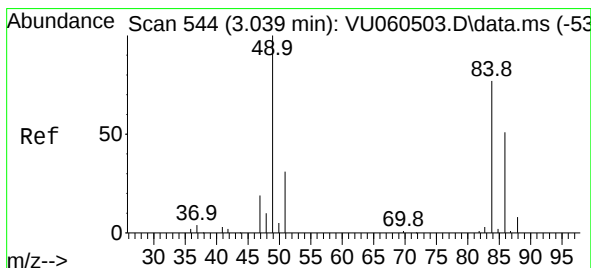
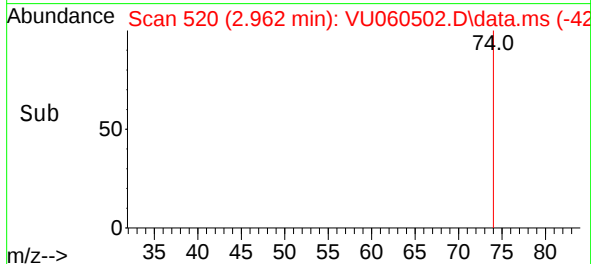
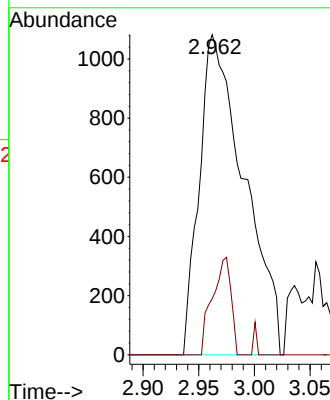
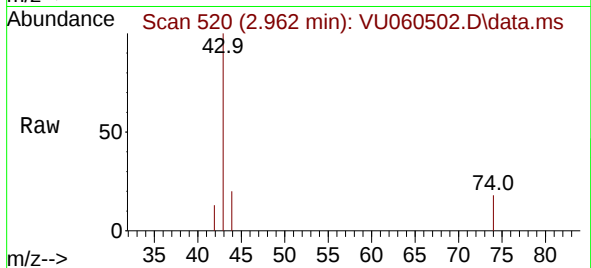
ClientSampleId :

Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

43 100

74 12.7 8.5 12.7



#16

Methylene chloride

Concen: 1.197 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

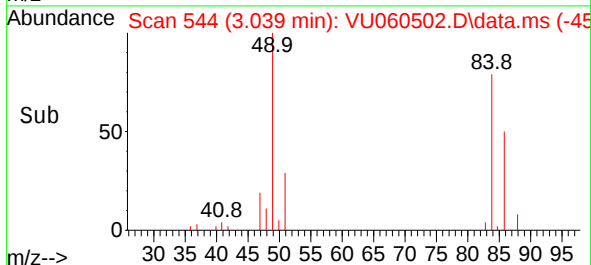
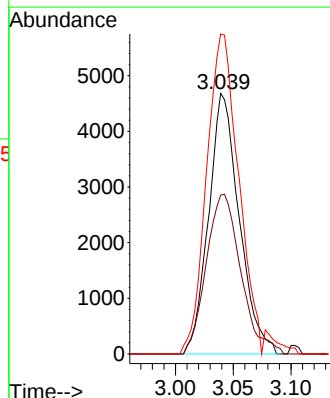
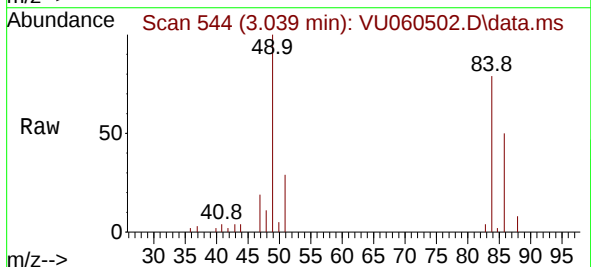
Tgt Ion: 84 Resp: 8629

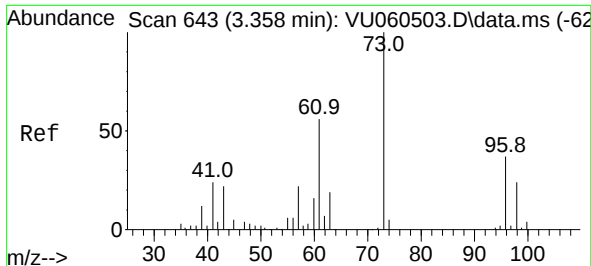
Ion Ratio Lower Upper

84 100

86 61.0 46.7 86.7

49 122.8 91.0 169.0





#17

Methyl tert-butyl Ether

Concen: 0.982 ug/L

RT: 3.357 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU060502.D

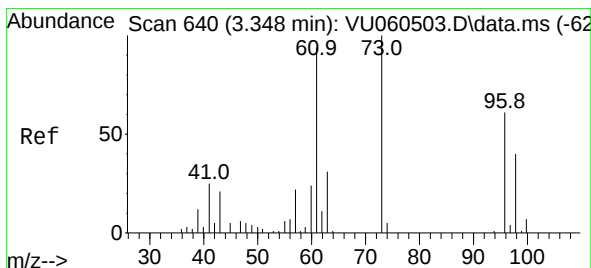
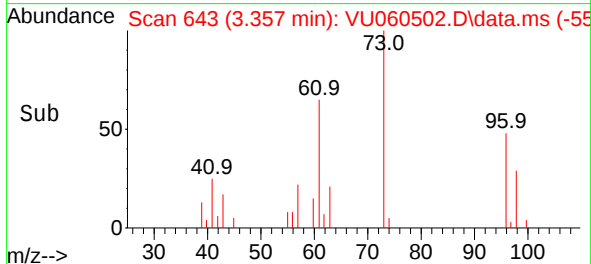
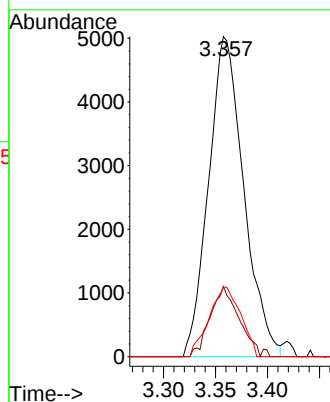
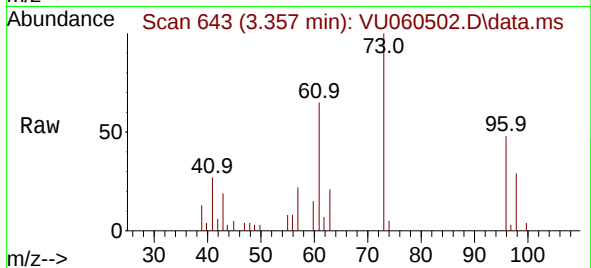
Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 11834
Ion Ratio	Lower Upper
73 100	
43 17.9	17.5 26.3
57 19.5	17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 1.106 ug/L

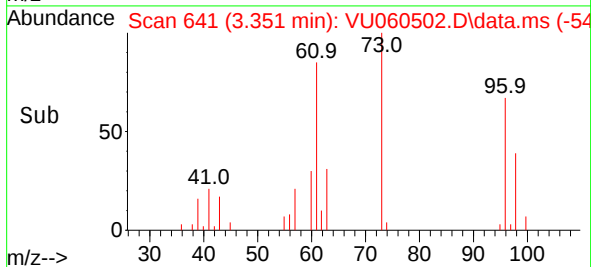
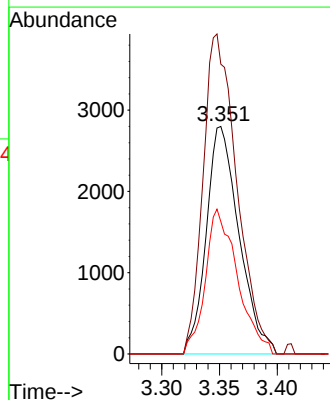
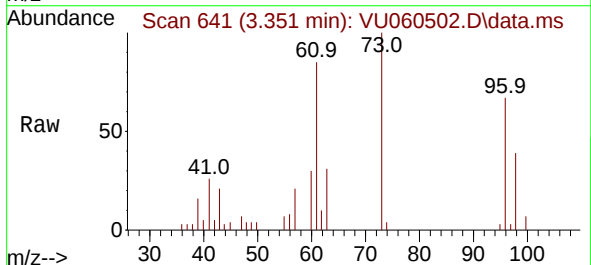
RT: 3.351 min Scan# 641

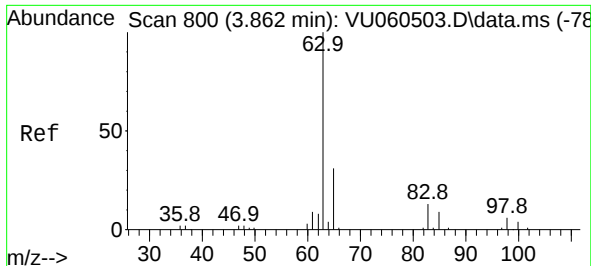
Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

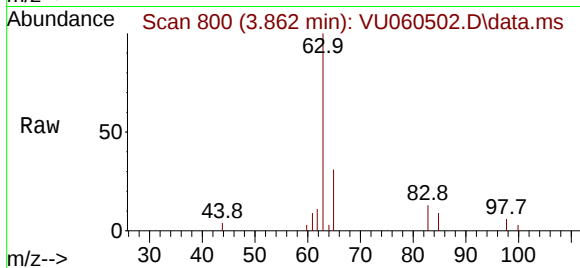
Tgt Ion: 96	Resp: 5530
Ion Ratio	Lower Upper
96 100	
61 127.3	108.4 201.4
98 58.1	45.4 84.2



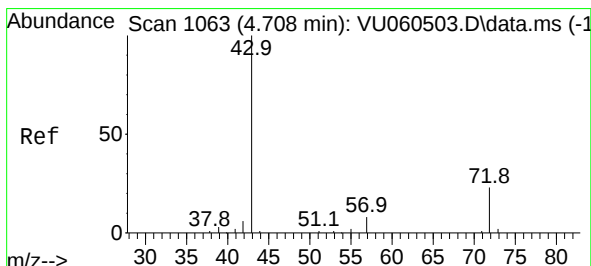
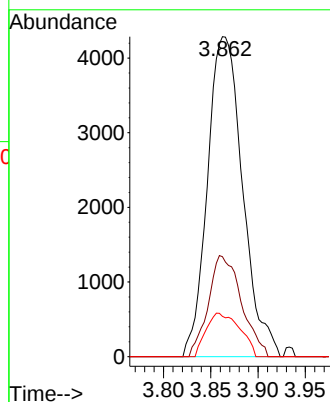
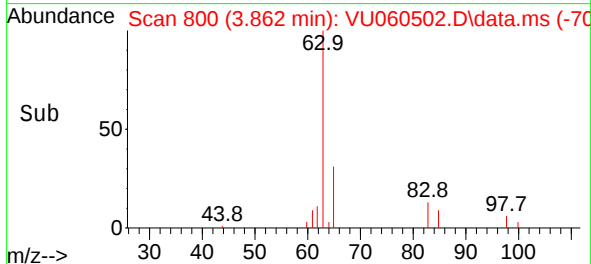


#19
1,1-Dichloroethane
Concen: 1.054 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

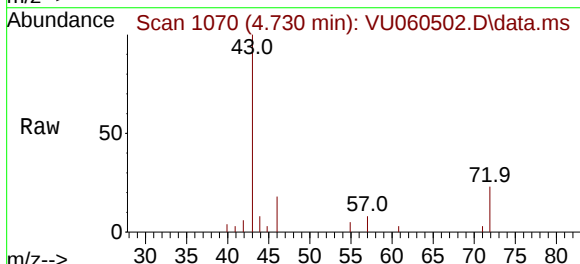
Instrument :
MSVOA_U
ClientSampleId :



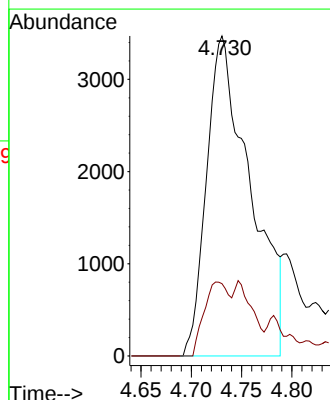
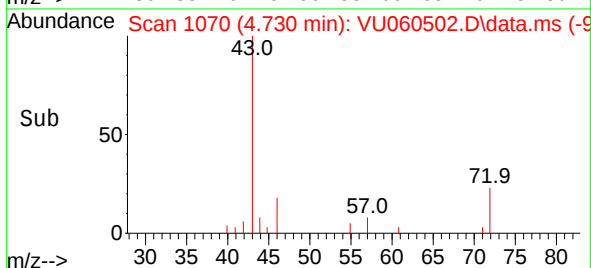
Tgt Ion: 63 Resp: 11077
Ion Ratio Lower Upper
63 100
65 31.3 21.4 39.8
83 12.6 9.4 17.4

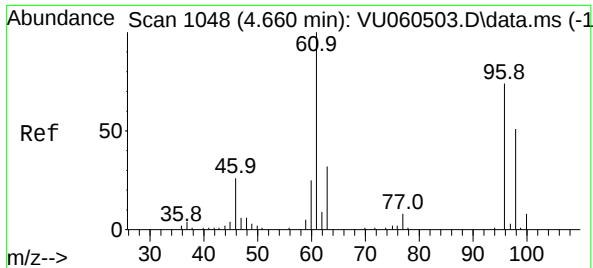


#21
2-Butanone
Concen: 7.911 ug/L
RT: 4.730 min Scan# 1070
Delta R.T. 0.022 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14



Tgt Ion: 43 Resp: 10478
Ion Ratio Lower Upper
43 100
72 13.4 12.3 36.8

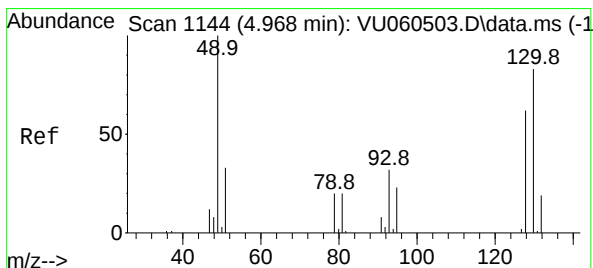
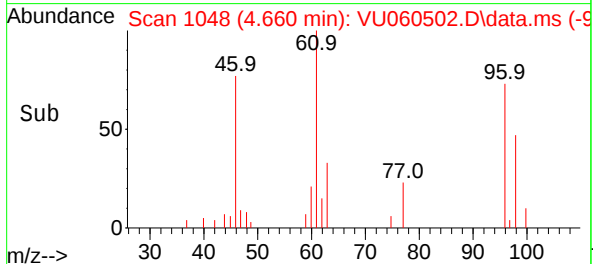
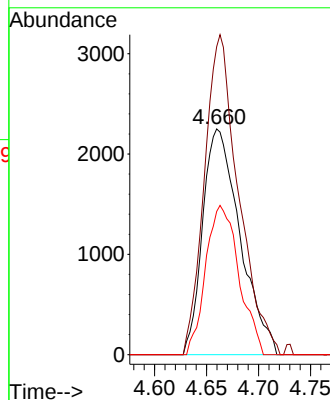
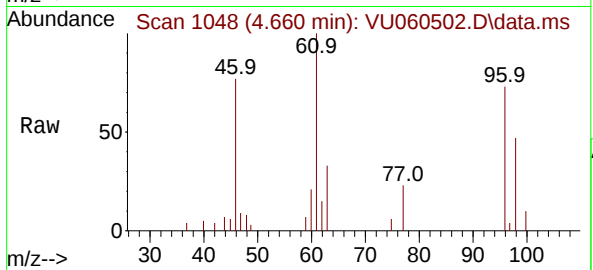




#22
 cis-1,2-Dichloroethene
 Concen: 0.940 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

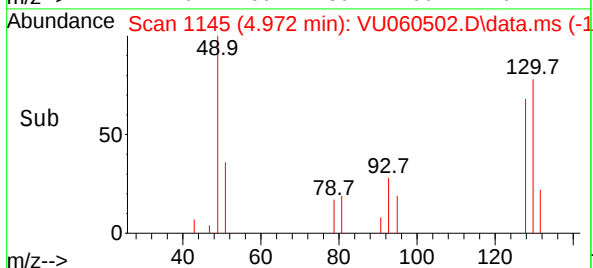
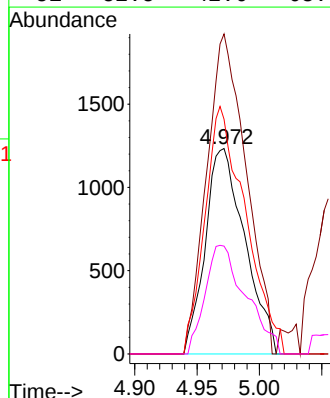
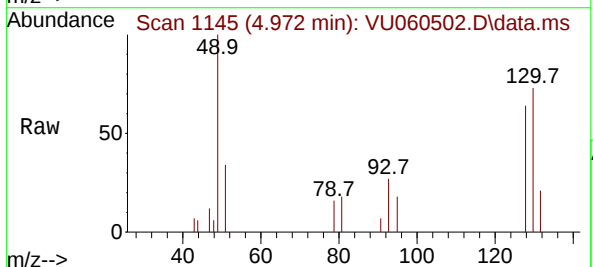
Instrument :
 MSVOA_U
 ClientSampleId :

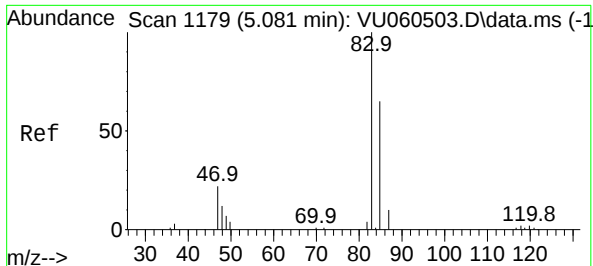
Tgt Ion:	96	Resp:	5623
Ion	Ratio	Lower	Upper
96	100		
61	136.4	94.6	175.8
98	63.5	48.2	89.6



#23
 Bromochloromethane
 Concen: 0.995 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

Tgt Ion:	128	Resp:	2729
Ion	Ratio	Lower	Upper
128	100		
49	155.8	112.4	208.8
130	114.3	93.7	173.9
51	52.5	42.6	63.8





#25

Chloroform

Concen: 1.044 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

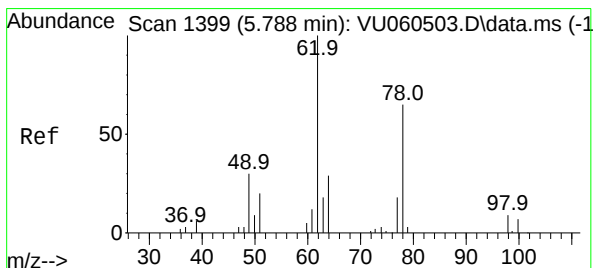
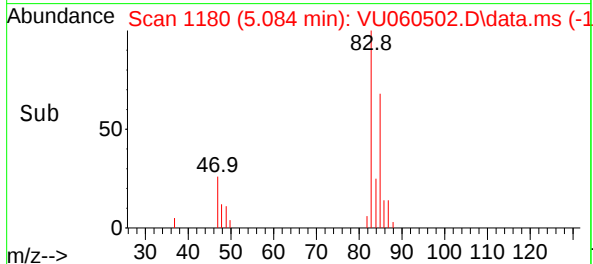
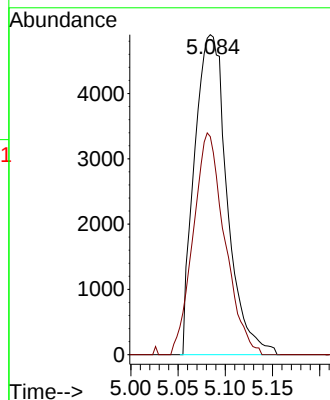
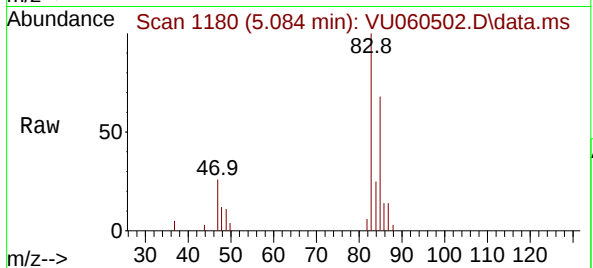
ClientSampleId :

Tgt Ion: 83 Resp: 11744

Ion Ratio Lower Upper

83 100

85 68.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 1.305 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060502.D

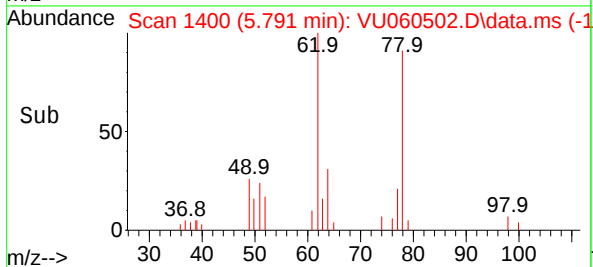
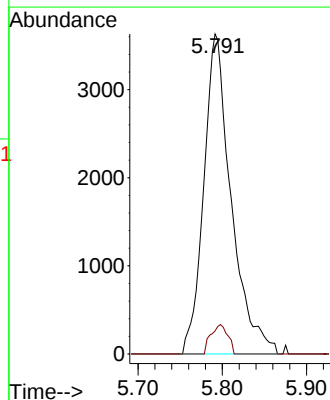
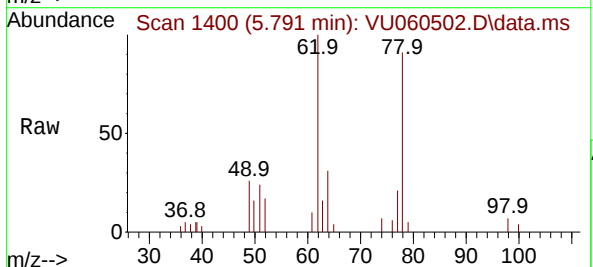
Acq: 22 Aug 2024 14:14

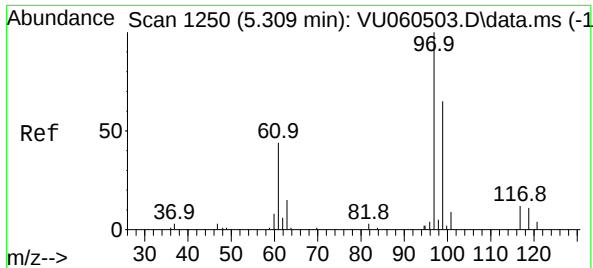
Tgt Ion: 62 Resp: 8216

Ion Ratio Lower Upper

62 100

98 7.2 7.9 11.9#

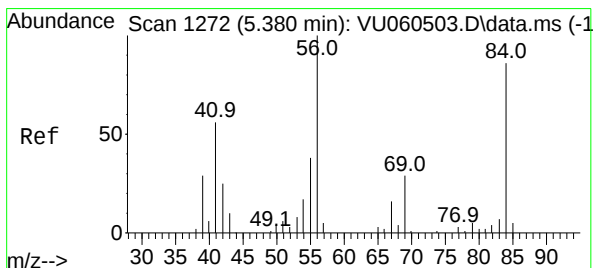
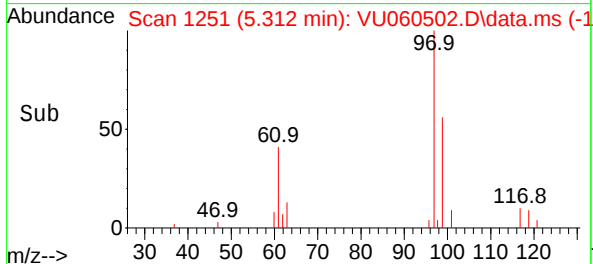
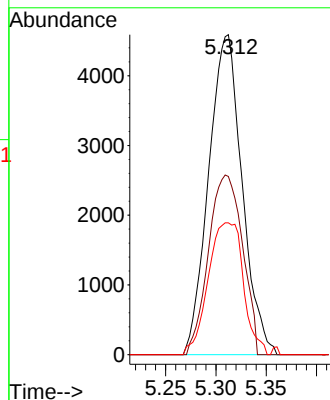
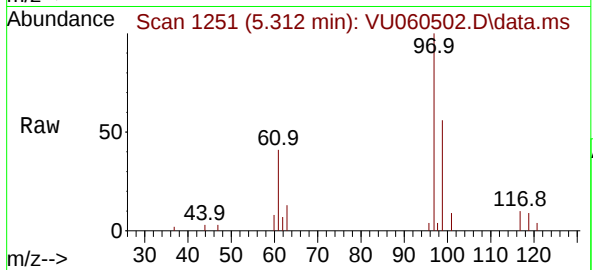




#29
1,1,1-Trichloroethane
Concen: 1.141 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

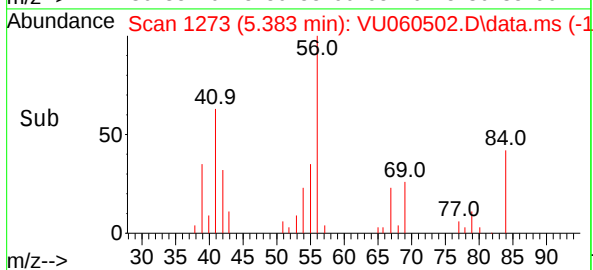
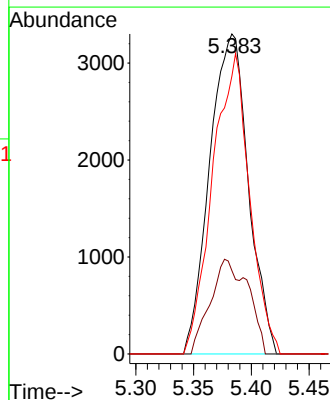
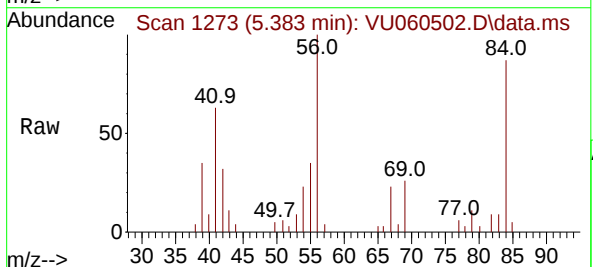
Instrument :
MSVOA_U
ClientSampleId :

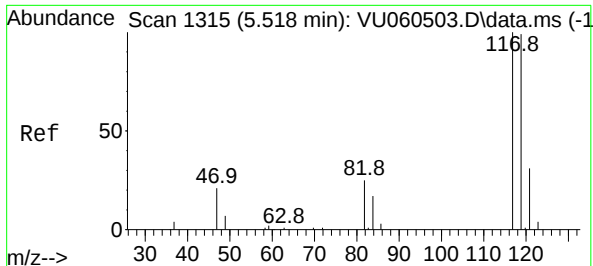
Tgt Ion: 97	Resp: 10609
Ion Ratio	Lower Upper
97	100
99	57.1 50.8 76.2
61	43.3 36.6 55.0



#30
Cyclohexane
Concen: 1.000 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 56	Resp: 7694
Ion Ratio	Lower Upper
56	100
69	28.9 23.3 34.9
84	89.1 66.6 99.8

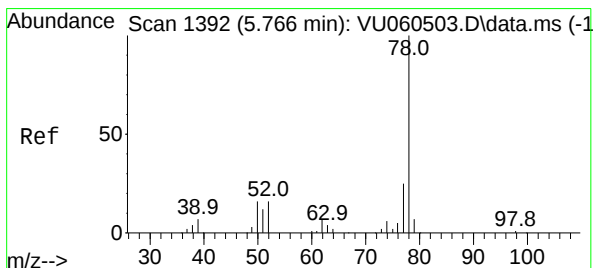
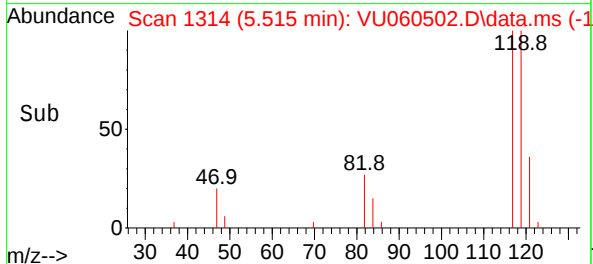
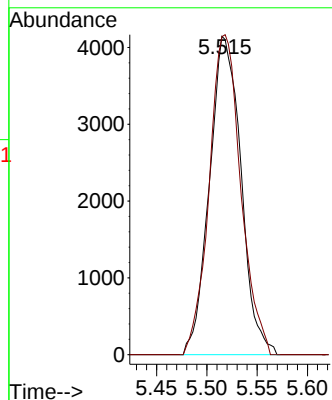
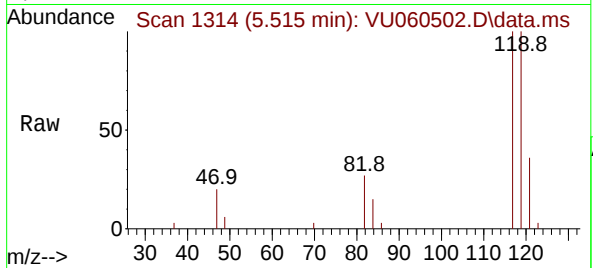




#31
Carbon tetrachloride
Concen: 1.100 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

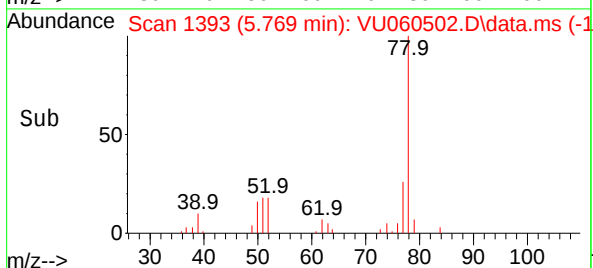
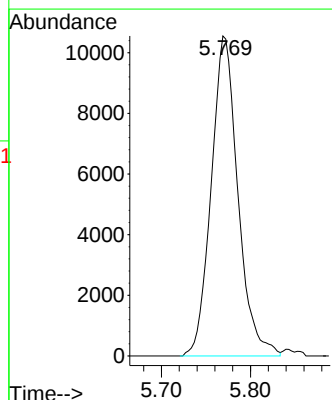
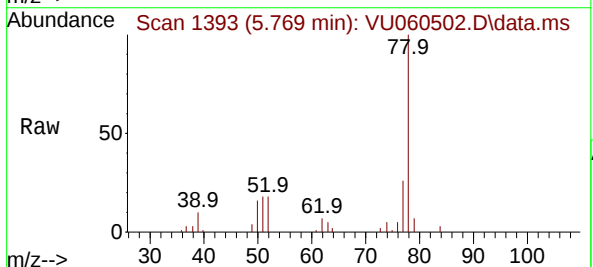
Instrument :
MSVOA_U
ClientSampleId :

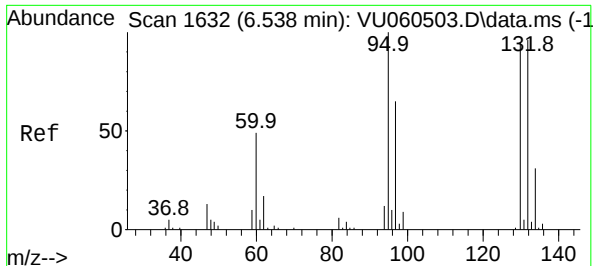
Tgt Ion:117 Resp: 9024
Ion Ratio Lower Upper
117 100
119 100.9 77.8 116.6



#33
Benzene
Concen: 0.931 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 78 Resp: 21980





#34

Trichloroethene

Concen: 0.979 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

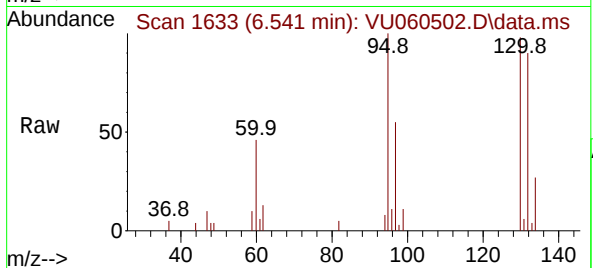
Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 6105

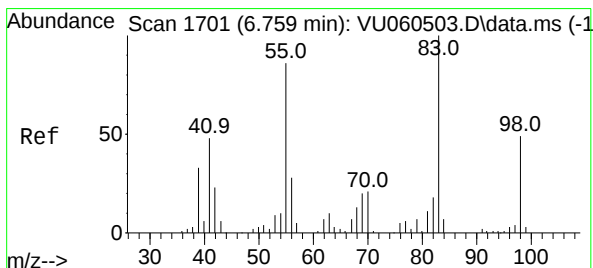
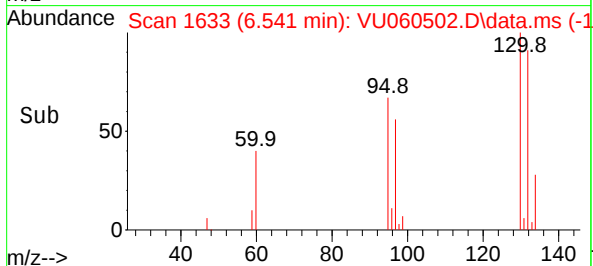
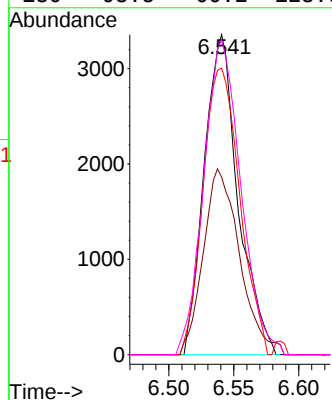
Ion Ratio Lower Upper

95 100

97 55.5 45.2 84.0

132 89.5 67.2 124.8

130 98.5 66.2 123.0



#35

Methylcyclohexane

Concen: 1.008 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

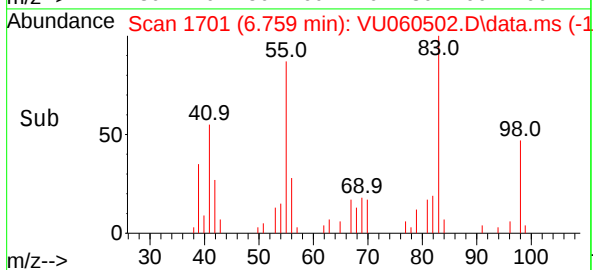
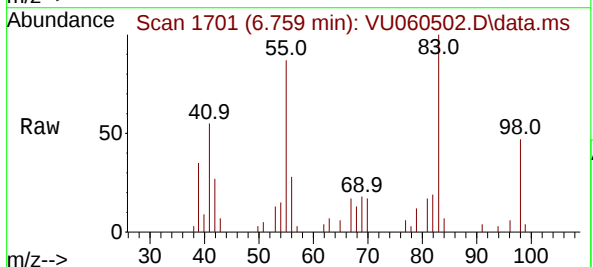
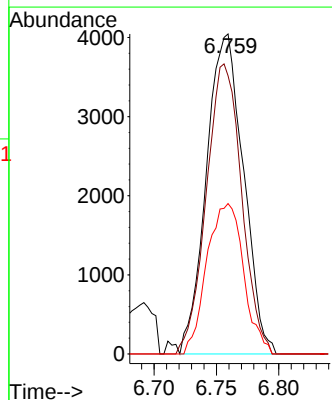
Tgt Ion: 83 Resp: 8375

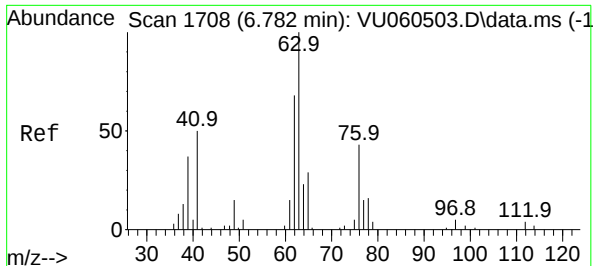
Ion Ratio Lower Upper

83 100

55 86.5 70.5 105.7

98 46.6 38.5 57.7

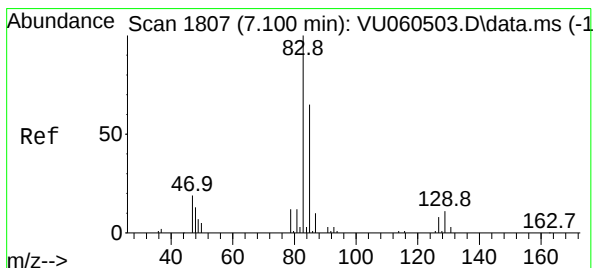
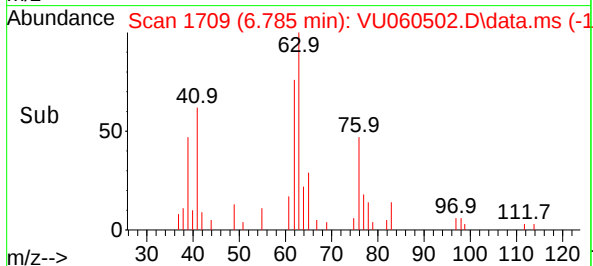
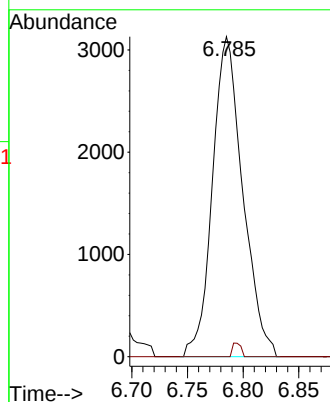
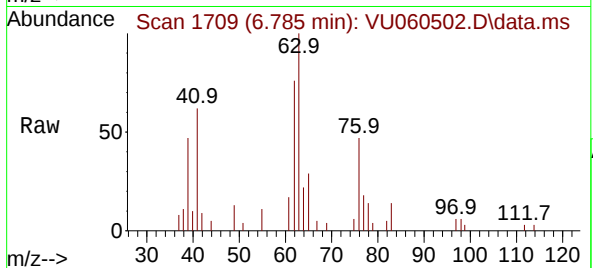




#37
1,2-Dichloropropane
Concen: 0.916 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

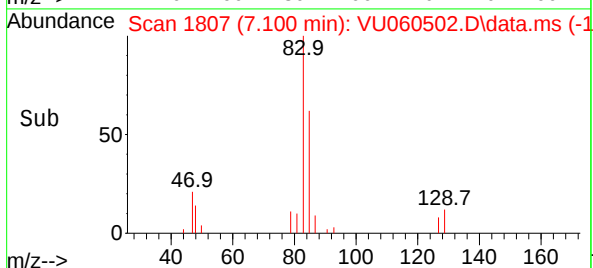
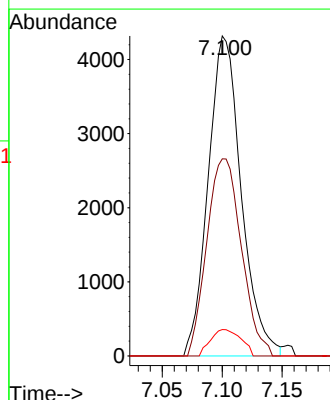
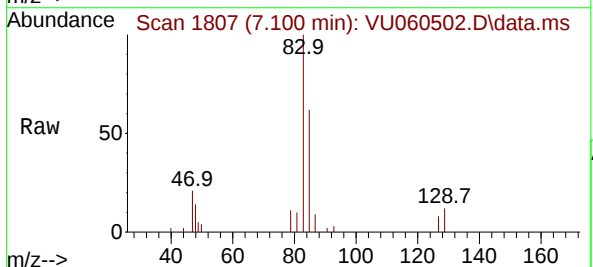
Instrument :
MSVOA_U
ClientSampleId :

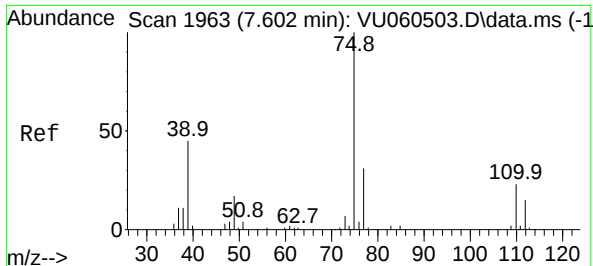
Tgt Ion: 63 Resp: 5918
Ion Ratio Lower Upper
63 100
112 1.2 2.6 3.8#



#38
Bromodichloromethane
Concen: 1.036 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 83 Resp: 8282
Ion Ratio Lower Upper
83 100
85 61.6 45.2 84.0
127 8.2 6.5 9.7

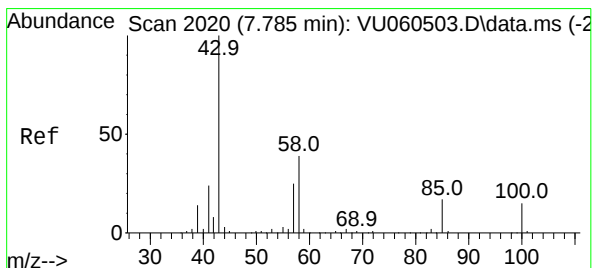
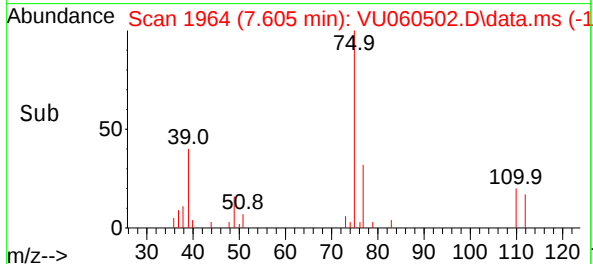
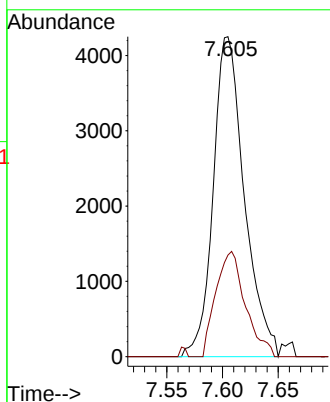
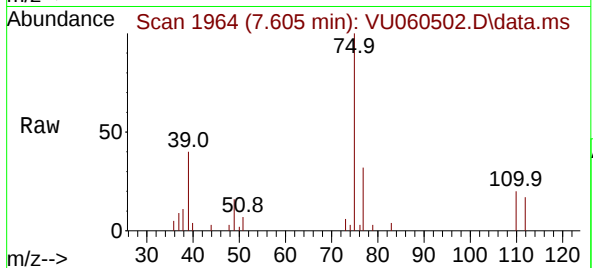




#39
 cis-1,3-Dichloropropene
 Concen: 0.940 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

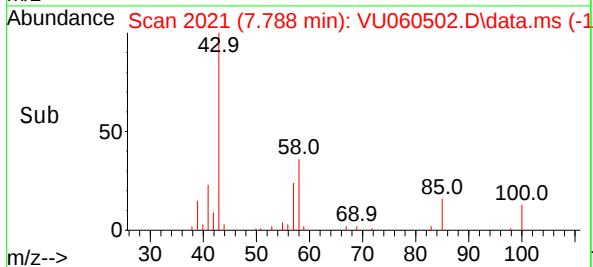
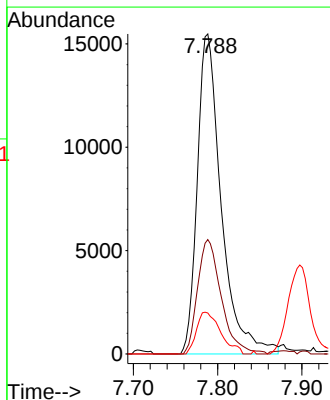
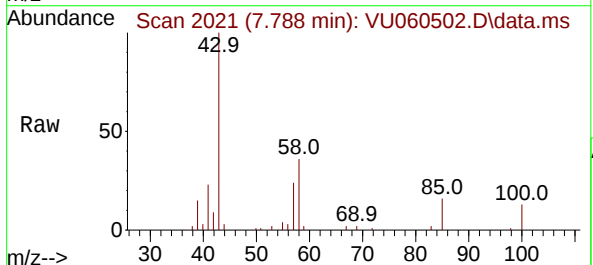
Instrument :
 MSVOA_U
 ClientSampleId :

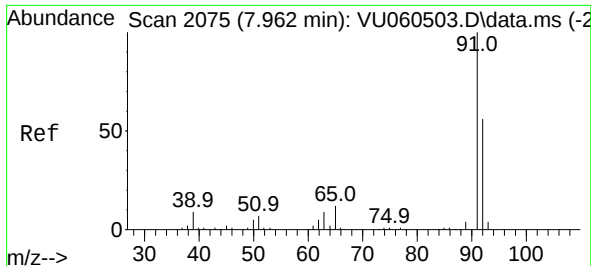
Tgt Ion: 75 Resp: 8262
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 9.973 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU060502.D
 Acq: 22 Aug 2024 14:14

Tgt Ion: 43 Resp: 30650
 Ion Ratio Lower Upper
 43 100
 58 35.3 31.2 46.8
 100 13.1 11.5 17.3





#42

Toluene

Concen: 0.915 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

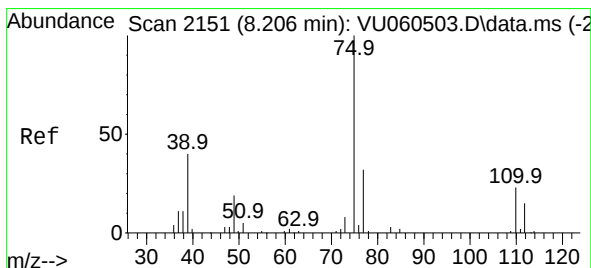
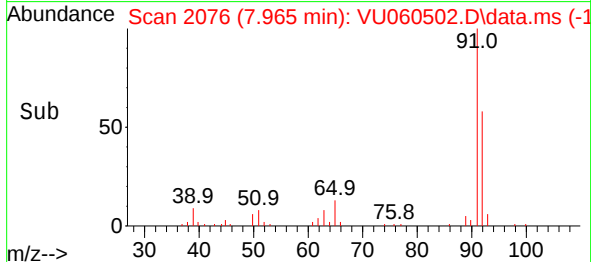
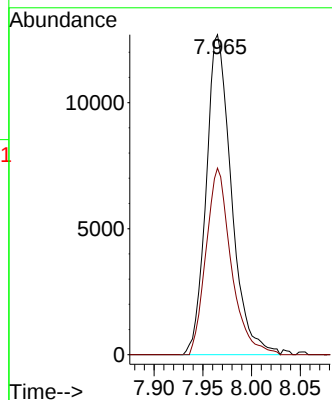
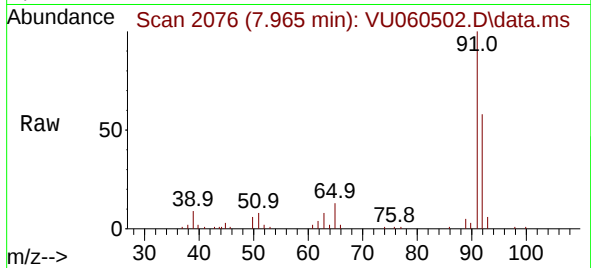
ClientSampleId :

Tgt Ion: 91 Resp: 22873

Ion Ratio Lower Upper

91 100

92 58.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060502.D

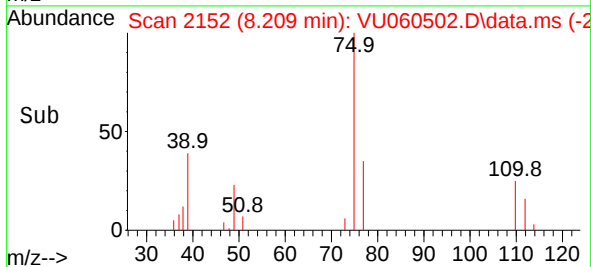
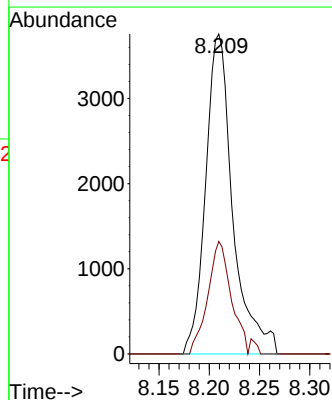
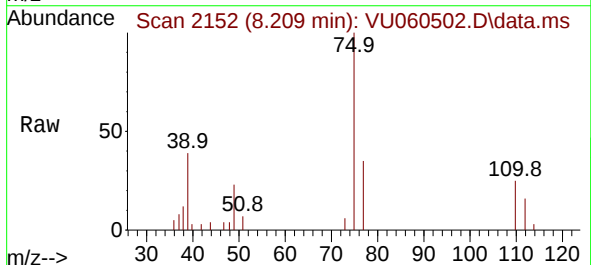
Acq: 22 Aug 2024 14:14

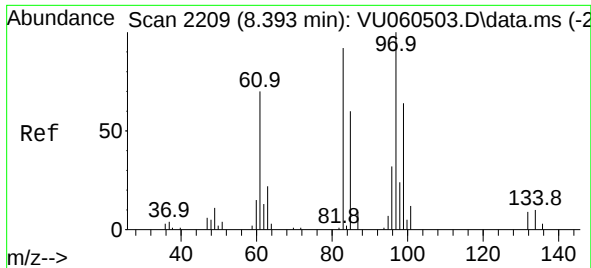
Tgt Ion: 75 Resp: 7055

Ion Ratio Lower Upper

75 100

77 35.2 22.4 41.6



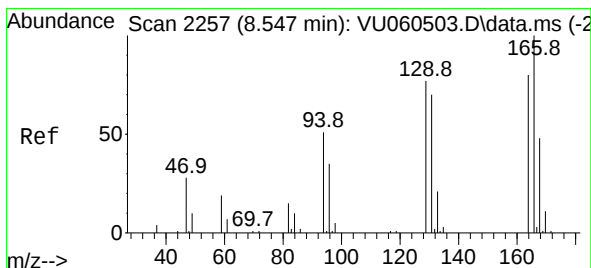
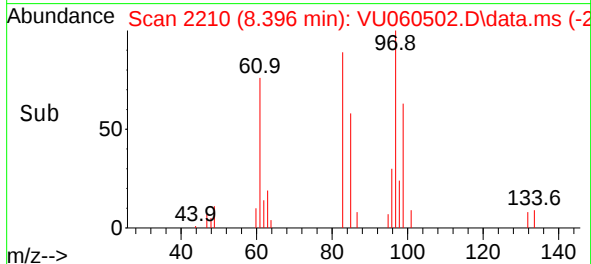
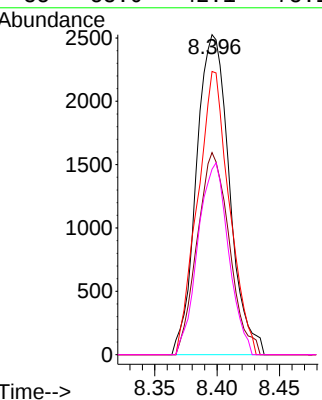
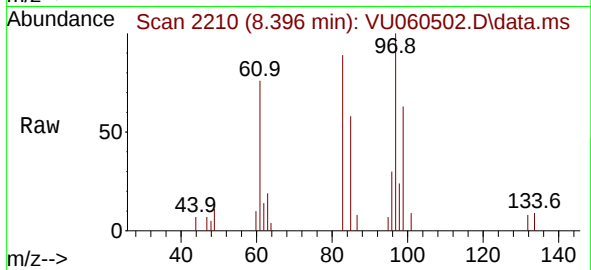


#45
1,1,2-Trichloroethane
Concen: 0.962 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4648

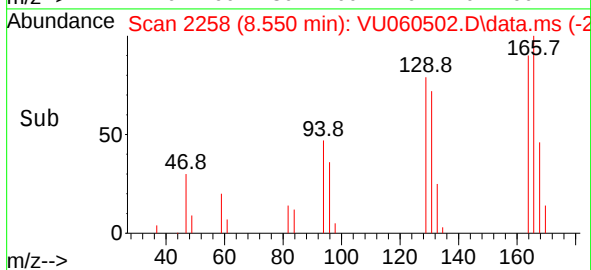
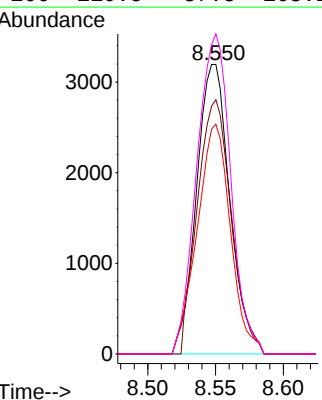
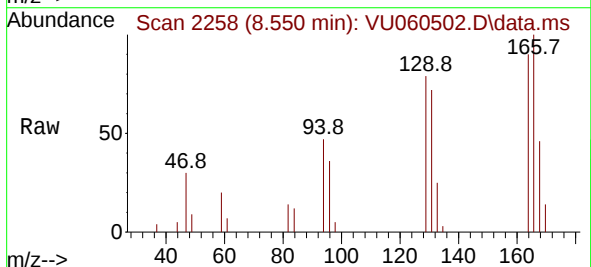
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.7	82.9
83	88.5	64.1	119.1
85	58.0	42.1	78.1

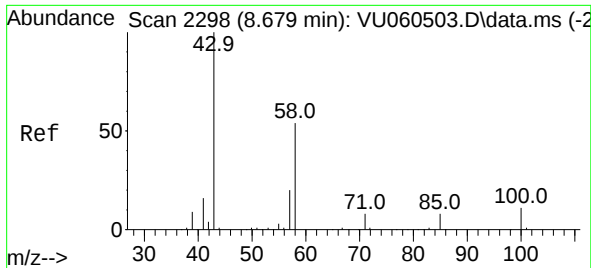


#47
Tetrachloroethene
Concen: 1.111 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 164 Resp: 5470

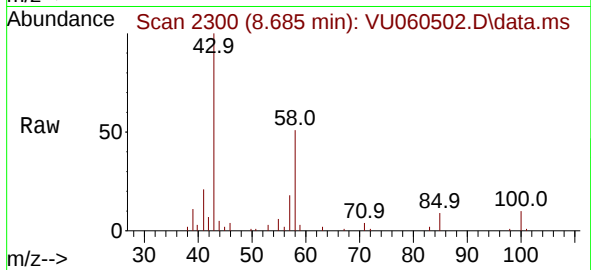
Ion	Ratio	Lower	Upper
164	100		
129	87.8	67.5	125.4
131	79.3	61.4	114.0
166	110.5	87.8	163.2



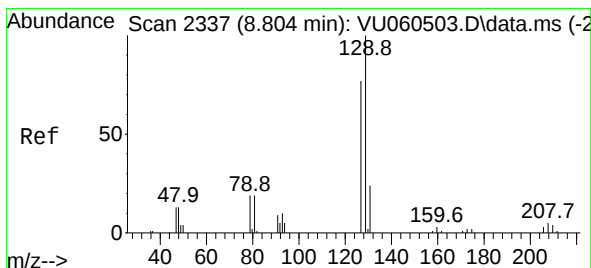
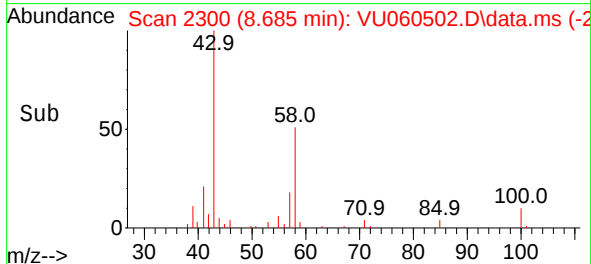
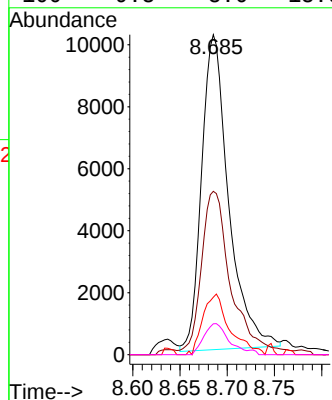


#48
2-Hexanone
Concen: 8.770 ug/L
RT: 8.685 min Scan# 24
Delta R.T. 0.006 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :

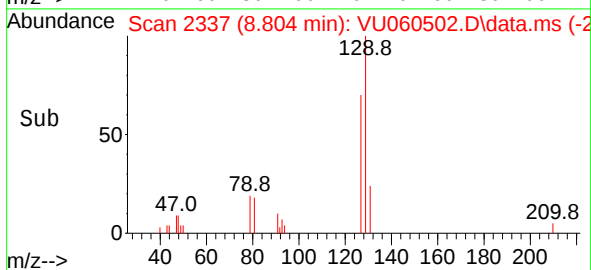
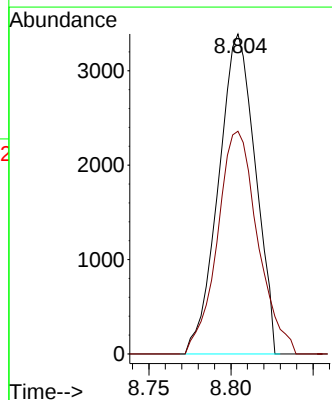
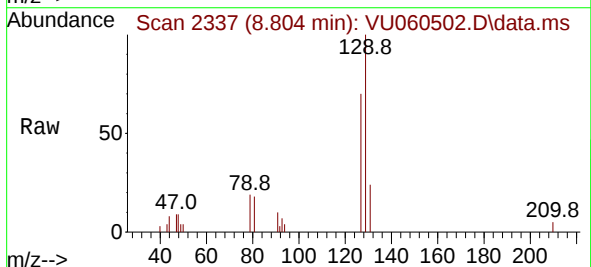


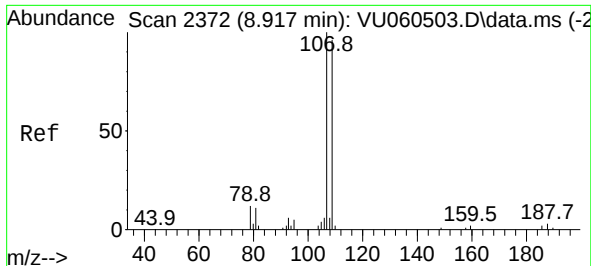
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.0	64.4
57	19.0	16.4	24.6
100	9.3	8.6	13.0



#49
Dibromochloromethane
Concen: 1.022 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

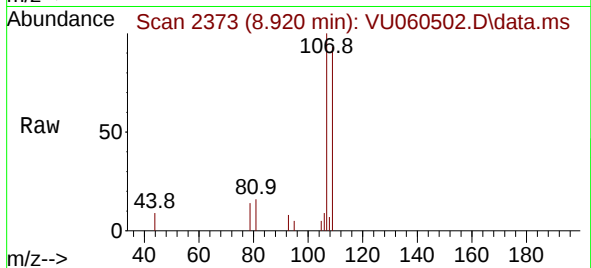
Tgt Ion	Ratio	Lower	Upper
129	100		
127	69.6	54.0	100.4



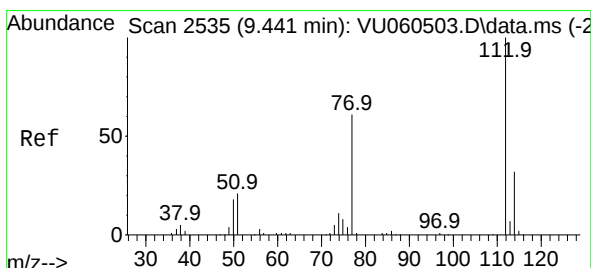
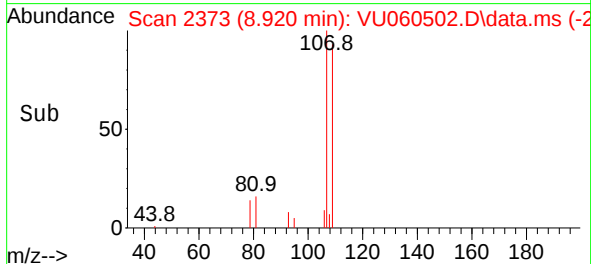
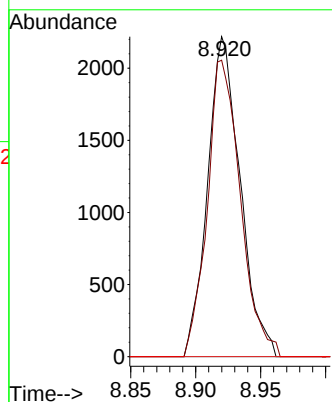


#50
1,2-Dibromoethane
Concen: 0.899 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :

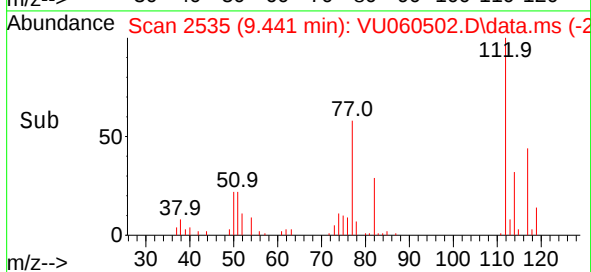
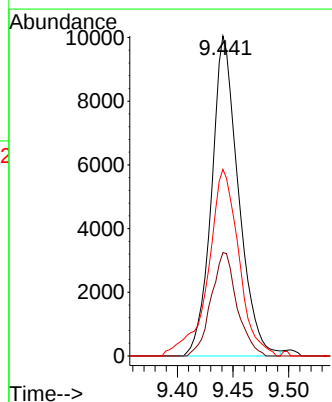
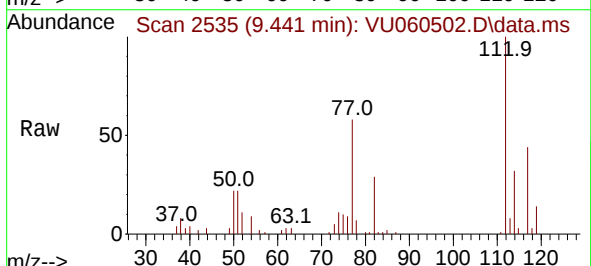


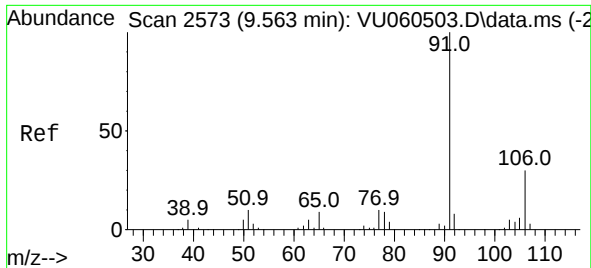
Tgt Ion:107 Resp: 3872
Ion Ratio Lower Upper
107 100
109 92.7 67.2 124.8
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 1.005 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion:112 Resp: 16857
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 58.3 49.3 73.9

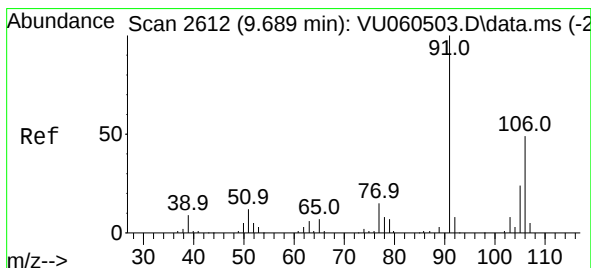
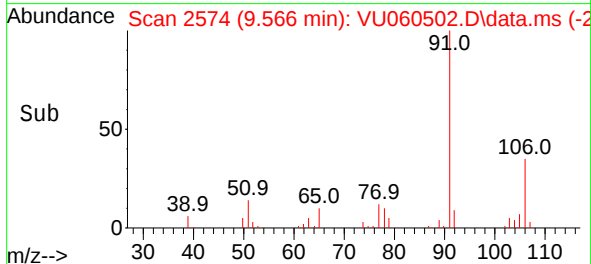
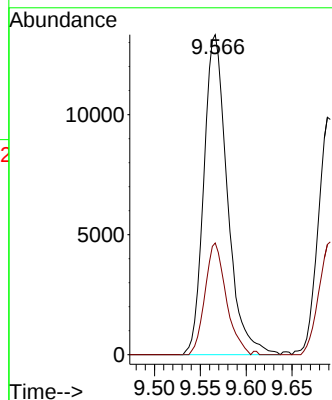
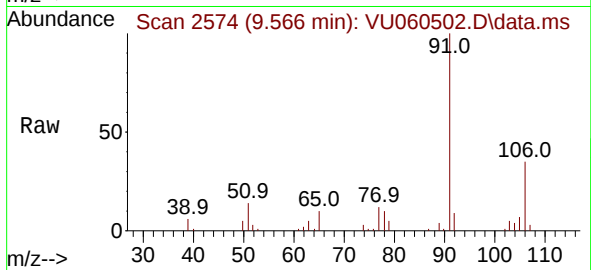




#52
Ethylbenzene
Concen: 0.899 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

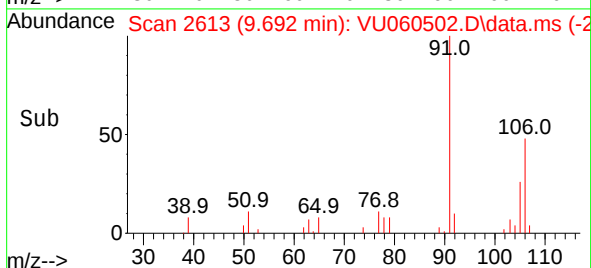
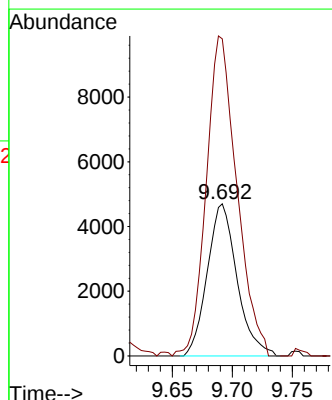
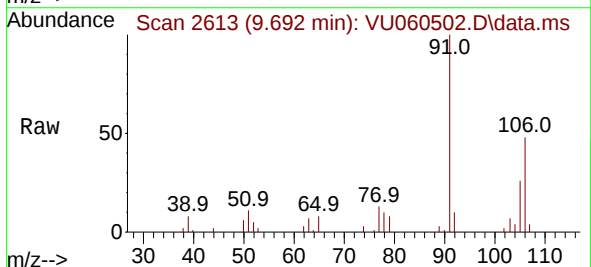
Instrument :
MSVOA_U
ClientSampleId :

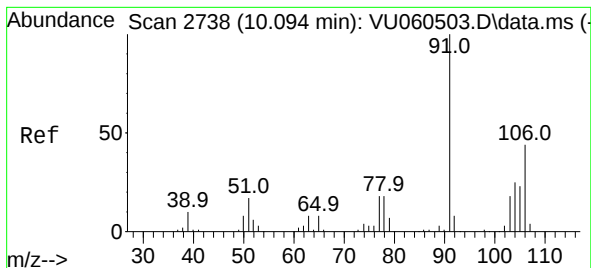
Tgt Ion: 91 Resp: 23818
Ion Ratio Lower Upper
91 100
106 34.9 21.3 39.6



#53
m,p-Xylene
Concen: 0.809 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

Tgt Ion:106 Resp: 8107
Ion Ratio Lower Upper
106 100
91 208.5 144.5 268.4





#54

o-Xylene

Concen: 0.821 ug/L

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

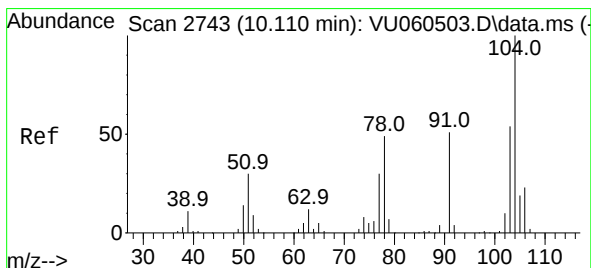
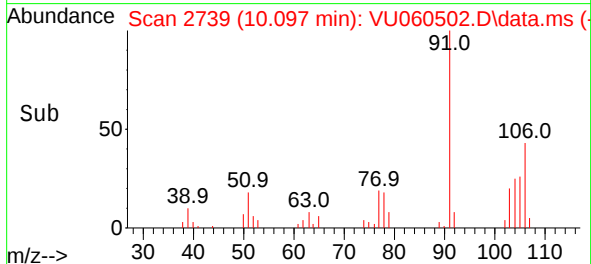
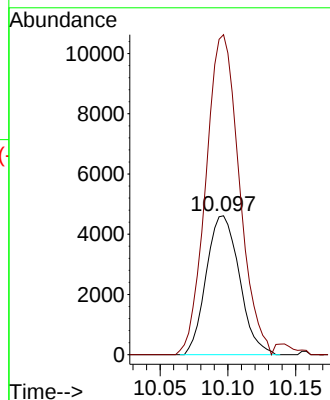
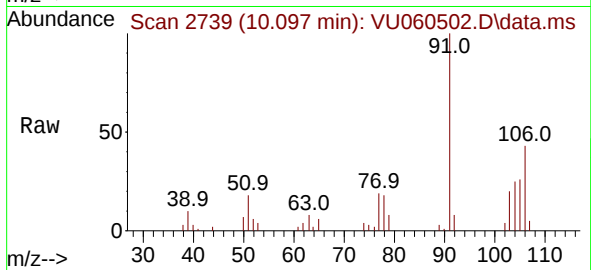
ClientSampleId :

Tgt Ion:106 Resp: 7849

Ion Ratio Lower Upper

106 100

91 230.4 158.0 293.4



#55

Styrene

Concen: 0.808 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU060502.D

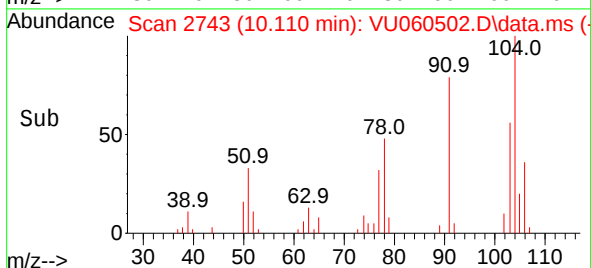
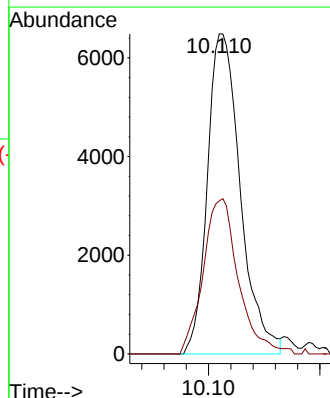
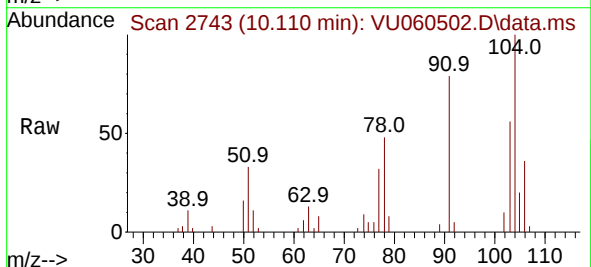
Acq: 22 Aug 2024 14:14

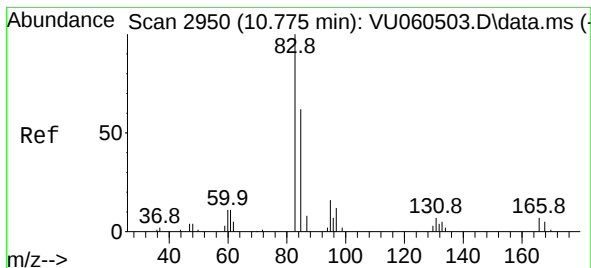
Tgt Ion:104 Resp: 13332

Ion Ratio Lower Upper

104 100

78 47.9 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.914 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

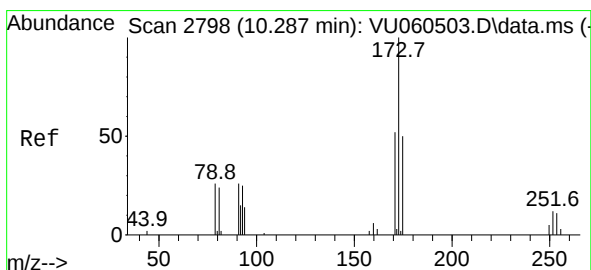
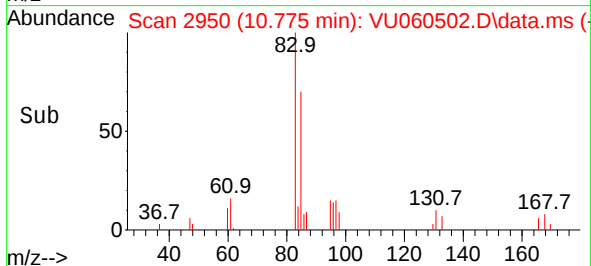
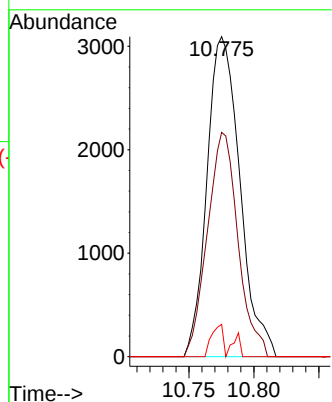
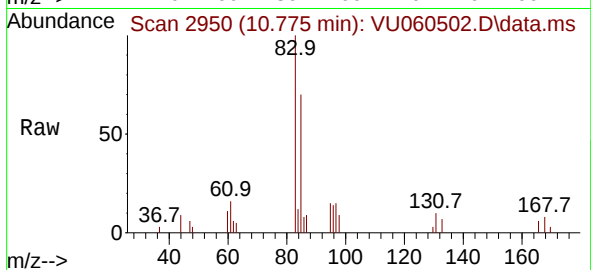
Tgt Ion: 83 Resp: 5450

Ion Ratio Lower Upper

83 100

85 70.1 43.8 81.3

131 10.1 6.8 10.2



#59

Bromoform

Concen: 1.034 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

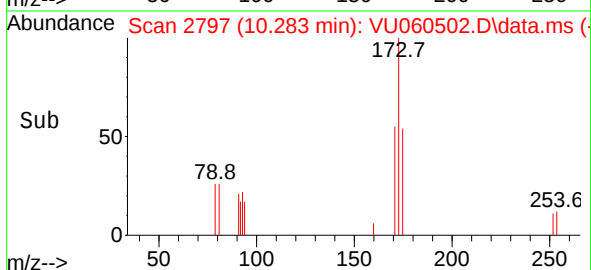
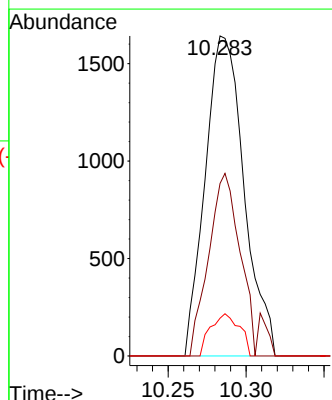
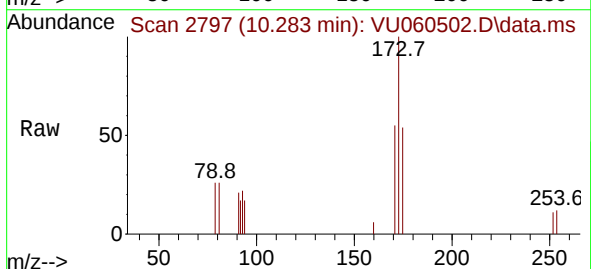
Tgt Ion:173 Resp: 2844

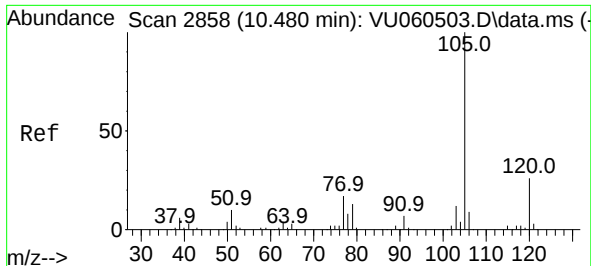
Ion Ratio Lower Upper

173 100

175 45.8 36.9 55.3

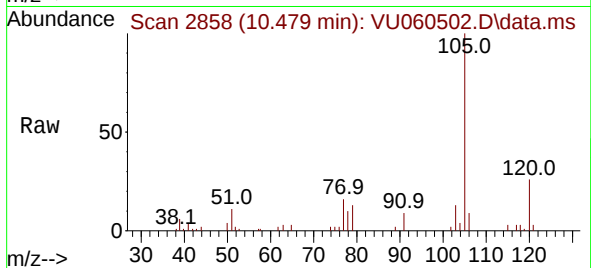
254 9.9 8.4 12.6



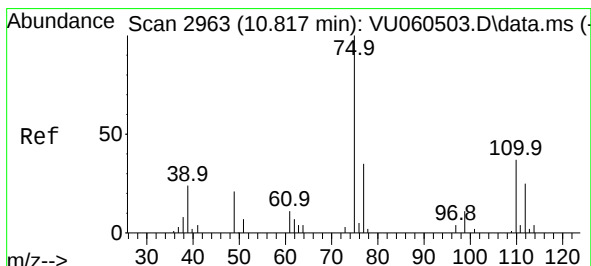
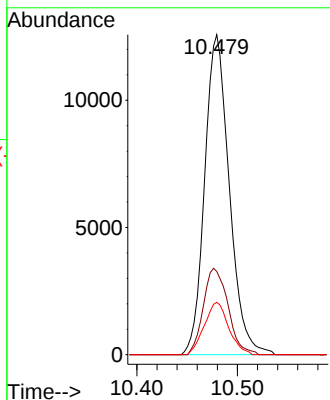
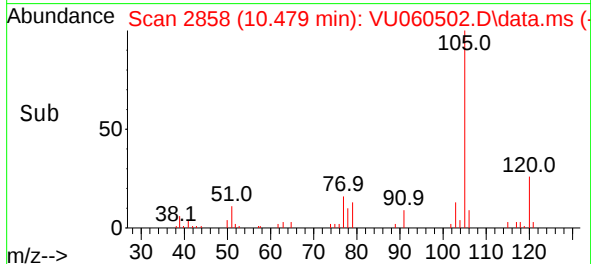


#60
Isopropylbenzene
Concen: 0.976 ug/L
RT: 10.479 min Scan# 21415
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

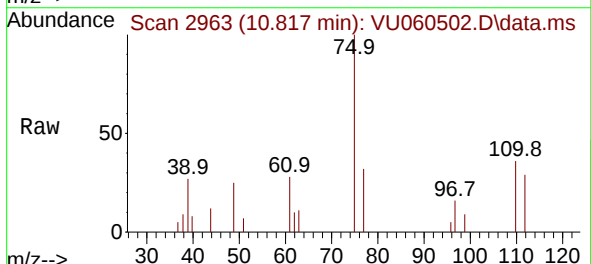
Instrument :
MSVOA_U
ClientSampleId :



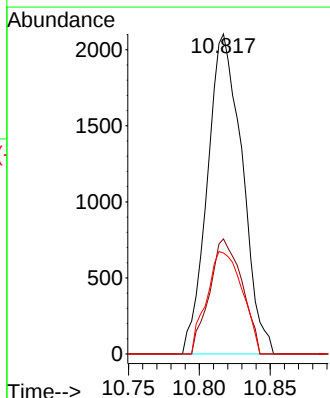
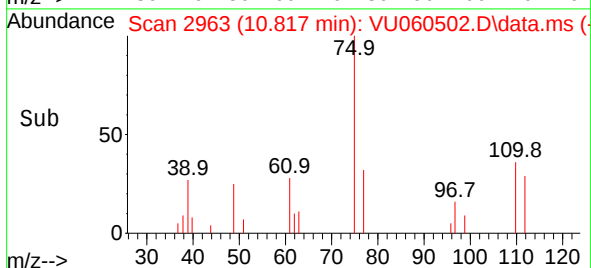
Tgt Ion:105 Resp: 21415
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 16.2 13.9 20.9

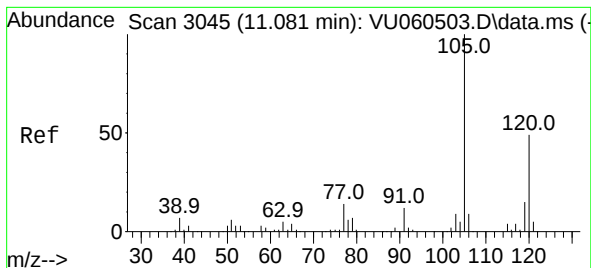


#61
1,2,3-Trichloropropane
Concen: 1.035 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14



Tgt Ion: 75 Resp: 3589
Ion Ratio Lower Upper
75 100
110 33.7 29.1 43.7
77 32.5 27.5 41.3





#62

1,3,5-Trimethylbenzene

Concen: 0.952 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

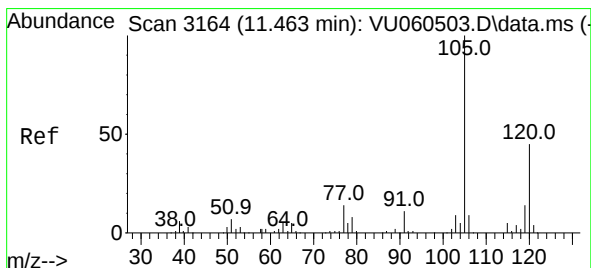
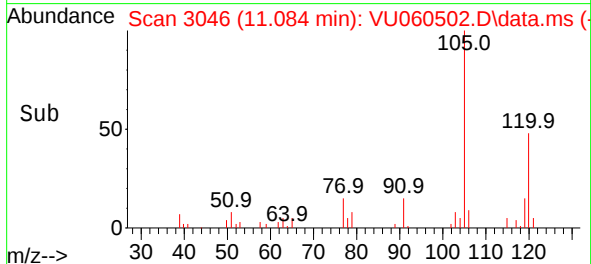
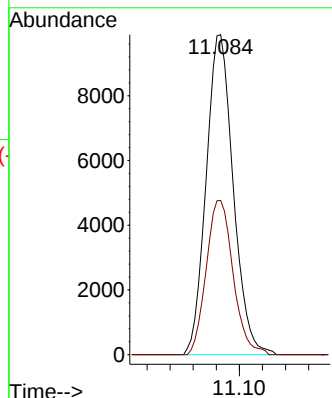
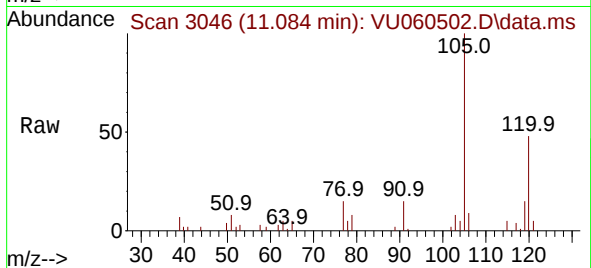
ClientSampleId :

Tgt Ion:105 Resp: 16099

Ion Ratio Lower Upper

105 100

120 47.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.914 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060502.D

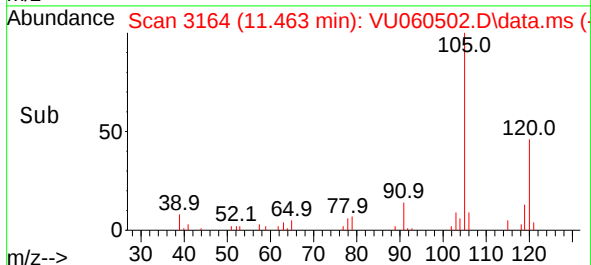
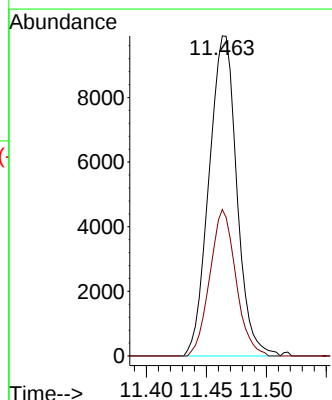
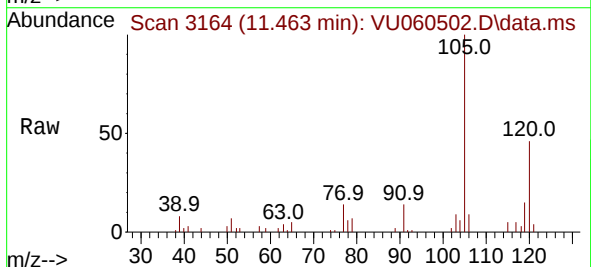
Acq: 22 Aug 2024 14:14

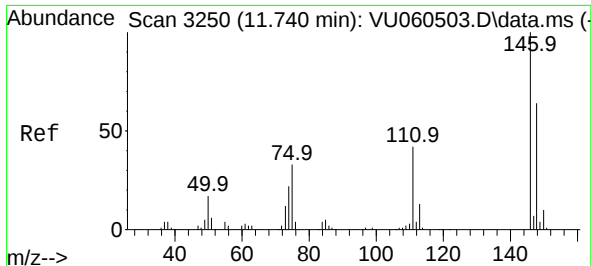
Tgt Ion:105 Resp: 15979

Ion Ratio Lower Upper

105 100

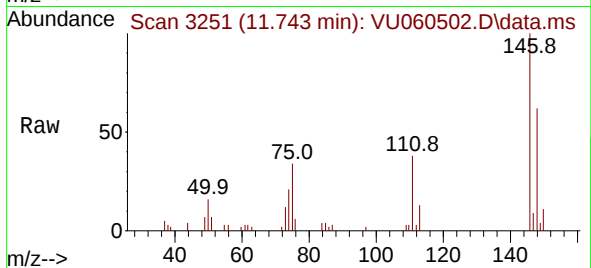
120 42.8 36.0 54.0



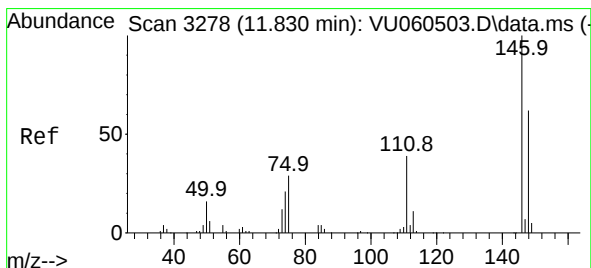
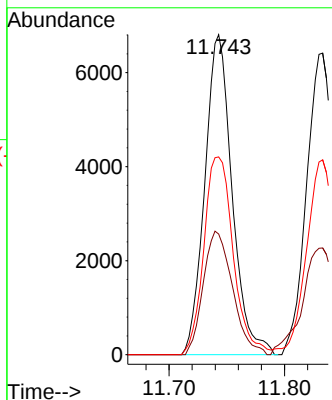
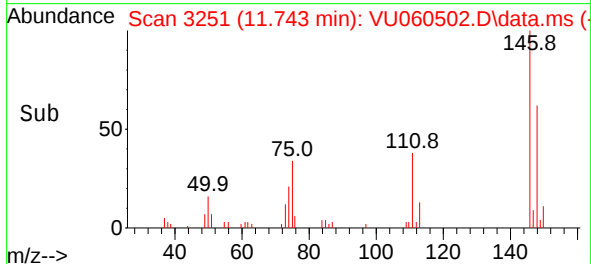


#64
1,3-Dichlorobenzene
Concen: 0.949 ug/L
RT: 11.743 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14

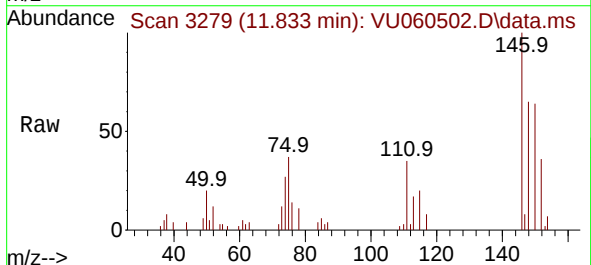
Instrument :
MSVOA_U
ClientSampleId :



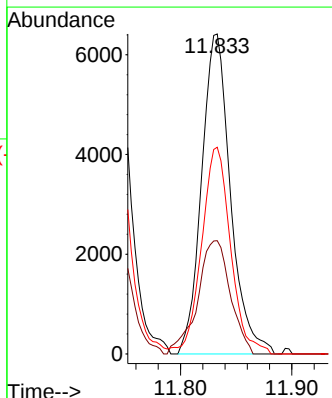
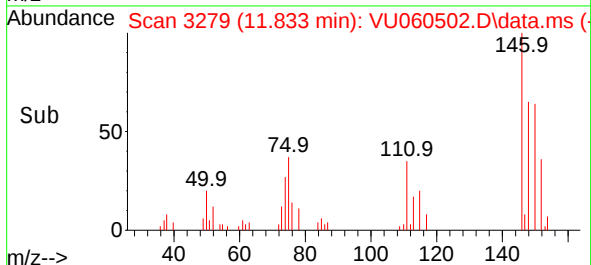
Tgt Ion:146 Resp: 11192
Ion Ratio Lower Upper
146 100
111 37.7 29.5 54.9
148 61.8 45.0 83.6

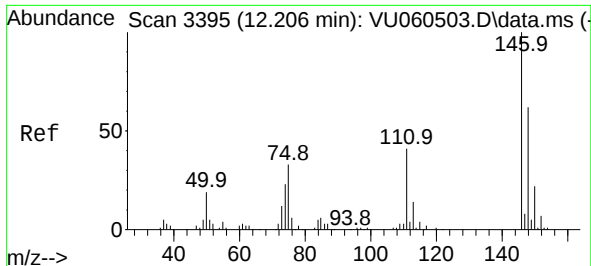


#65
1,4-Dichlorobenzene
Concen: 0.978 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060502.D
Acq: 22 Aug 2024 14:14



Tgt Ion:146 Resp: 11561
Ion Ratio Lower Upper
146 100
111 35.4 27.9 51.7
148 64.6 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 1.074 ug/L

RT: 12.209 min Scan# 3400

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

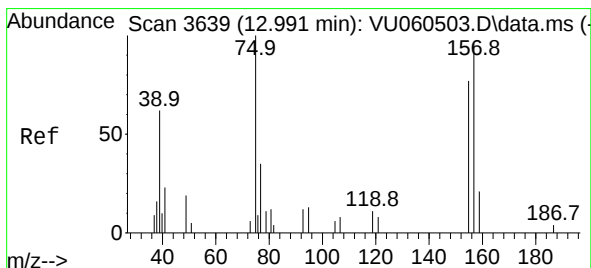
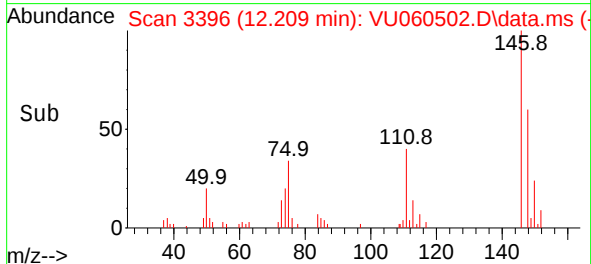
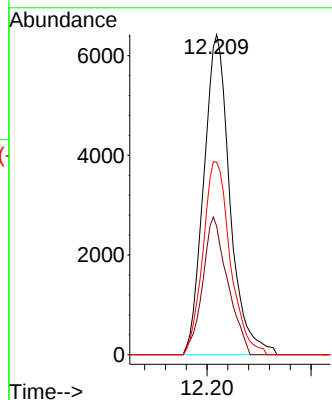
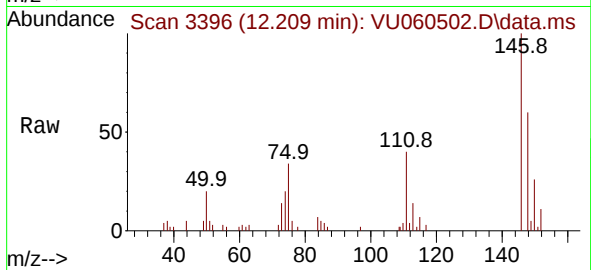
Tgt Ion:146 Resp: 11213

Ion Ratio Lower Upper

146 100

111 40.1 32.7 49.1

148 60.2 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.194 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

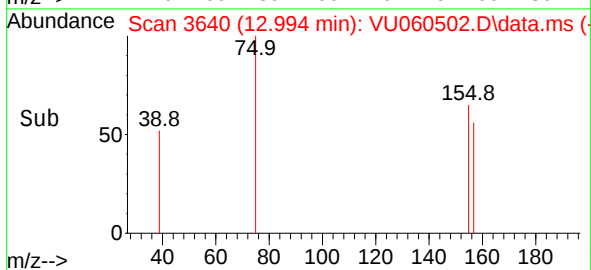
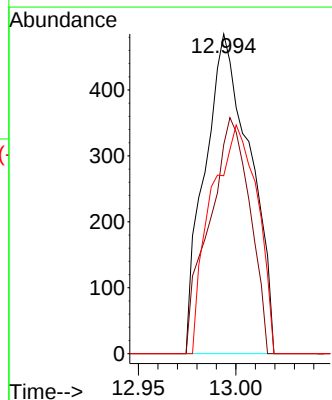
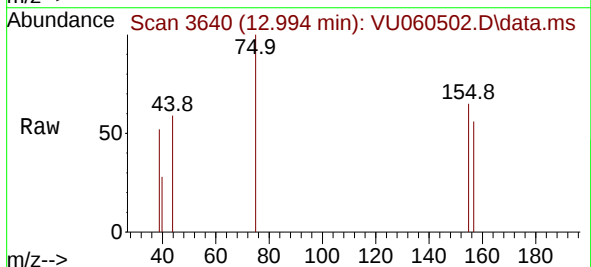
Tgt Ion: 75 Resp: 783

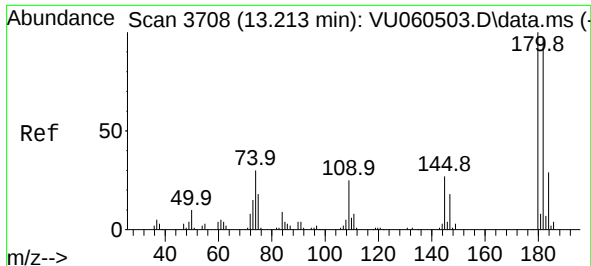
Ion Ratio Lower Upper

75 100

155 65.4 61.3 91.9

157 55.7 76.6 115.0#





#69

1,3,5-Trichlorobenzene

Concen: 1.071 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

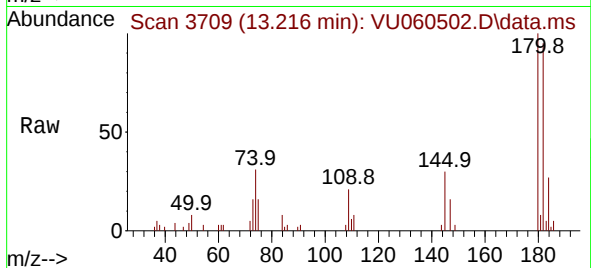
Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8998

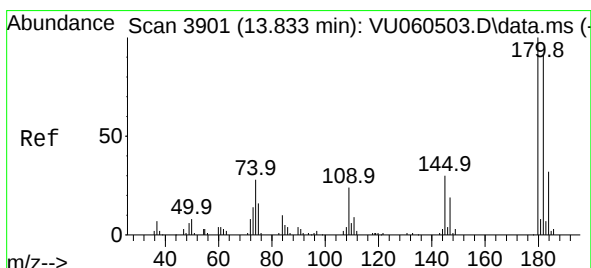
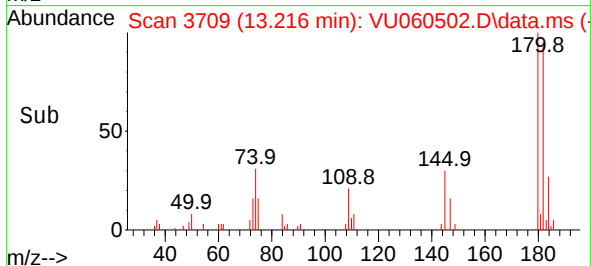
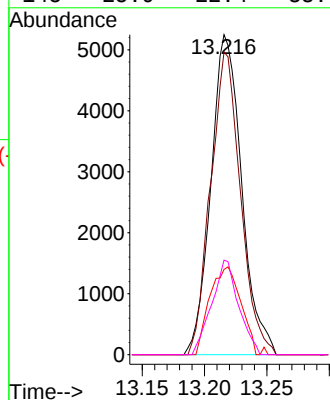
Ion Ratio Lower Upper

180 100

182 92.0 76.9 115.3

184 27.8 24.2 36.2

145 25.9 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 0.892 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

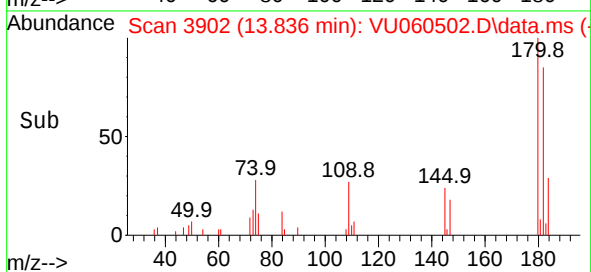
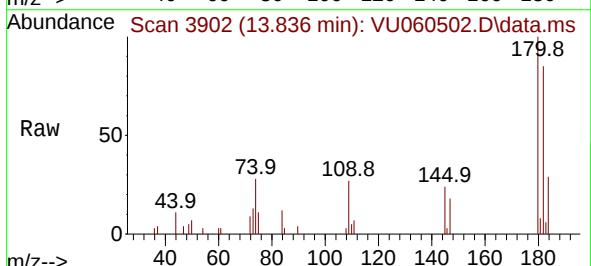
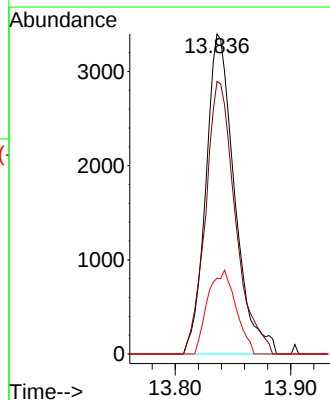
Tgt Ion:180 Resp: 5854

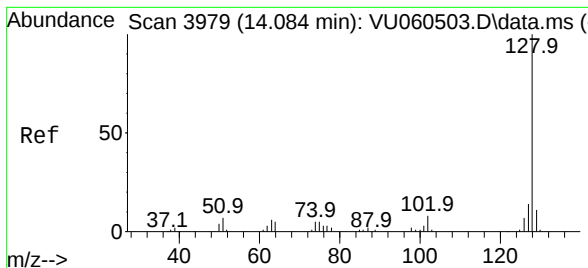
Ion Ratio Lower Upper

180 100

182 88.4 75.0 112.6

145 25.6 23.2 34.8





#71

Naphthalene

Concen: 0.633 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.010 min

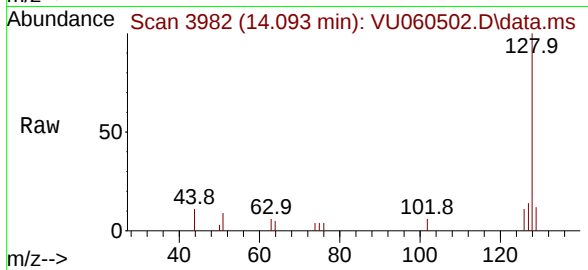
Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :



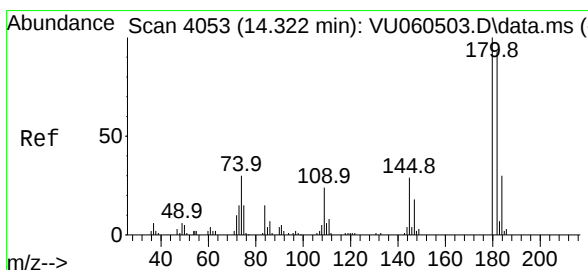
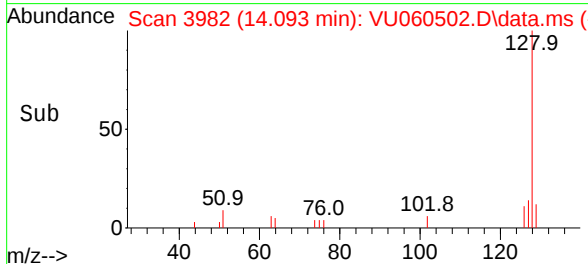
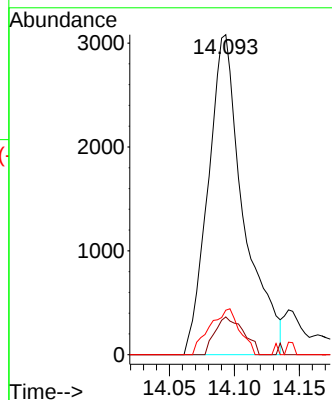
Tgt Ion:128 Resp: 5818

Ion Ratio Lower Upper

128 100

129 9.5 8.3 12.5

127 12.2 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 0.832 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU060502.D

Acq: 22 Aug 2024 14:14

Tgt Ion:180 Resp: 4867

Ion Ratio Lower Upper

180 100

182 90.4 75.6 113.4

145 27.8 24.0 36.0

