

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060315.D
 Acq On : 05 Aug 2024 18:09
 Operator : MD/SY
 Sample : VU0805WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:10:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	33430	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11177	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12230	0.988	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	23964	1.864	ug/l	95
3) Chloromethane	1.518	50	28247	1.921	ug/l	100
4) Vinyl Chloride	1.599	62	28492	1.939	ug/l	96
5) Bromomethane	1.853	94	18453	2.043	ug/l	99
6) Chloroethane	1.930	64	17495	1.967	ug/l	95
7) Trichlorofluoromethane	2.132	101	33323	1.879	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	18528	1.920	ug/l	98
9) 1,1-Dichloroethene	2.573	96	18409	1.842	ug/l	92
10) Iodomethane	2.714	142	28864	1.973	ug/l	100
11) Allyl Chloride	2.917	41	21780	1.590	ug/l	100
12) Acrylonitrile	3.341	53	7233	2.770	ug/l	# 83
13) Acetone	2.657	43	15758	4.704	ug/l	96
14) Carbon Disulfide	2.785	76	61442	1.813	ug/l	99
15) Methylene Chloride	3.039	84	28110	2.247	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	20276	1.893	ug/l	96
17) 1,1-Dichloroethane	3.859	63	38386	1.864	ug/l	98
18) 2-Butanone	4.730	43	21133	5.768	ug/l	98
19) Cyclohexane	5.380	56	22701	1.279	ug/l	# 84
20) Methylcyclohexane	6.756	83	23603	1.676	ug/l	96
21) 2,2-Dichloropropane	4.660	77	27143	1.693	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	20823	1.815	ug/l	94
23) Diethyl Ether	2.374	59	15246	1.877	ug/l	96
24) tert-Butyl Alcohol	3.238	59	3057	2.873	ug/l	# 83
25) Methyl tert-Butyl Ether	3.361	73	35797	1.459	ug/l	93
26) Bromochloromethane	4.968	128	9783	2.014	ug/l	94
27) Chloroform	5.081	83	38660	1.919	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	31661	1.892	ug/l	98
29) 1,1-Dichloropropene	5.521	75	24474	1.825	ug/l	97
30) Carbon Tetrachloride	5.518	117	27380	2.008	ug/l	99
31) Isopropyl Ether	3.988	45	41321	1.373	ug/l	87
32) Ethyl-t-butyl ether	4.499	59	40010	1.375	ug/l	94
33) Tert-Amyl methyl ether	5.936	73	36828	1.784	ug/l	99
34) Propionitrile	4.811	54	2248	2.147	ug/l	# 98
35) Benzene	5.769	78	83888	2.030	ug/l	99
36) 1,2-Dichloroethane	5.791	62	23300	2.029	ug/l	97
37) Trichloroethene	6.537	130	20950	2.048	ug/l	97
38) 1,2-Dichloropropane	6.785	63	21751	1.946	ug/l	97
39) Methacrylonitrile	4.988	41	4688	1.237	ug/l	# 92
40) Methyl acrylate	4.869	55	4533	0.683	ug/l	# 74
41) Tetrahydrofuran	5.074	42	4103	1.988	ug/l	100
42) 1-Chlorobutane	5.451	56	32293	1.747	ug/l	97
43) Dibromomethane	6.914	93	11396	2.015	ug/l	98
44) Bromodichloromethane	7.100	83	26926	1.983	ug/l	100

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	45395	8.550	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	23222	7.805	ug/l #	55
47) Methyl methacrylate	6.962	69	16121	3.514	ug/l	98
48) Ethyl methacrylate	8.332	69	14035	1.802	ug/l	98
49) Toluene	7.965	92	44177	1.928	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	21355	1.905	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	26035	1.931	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	16458	1.983	ug/l	91
53) 1,3-Dichloropropane	8.569	76	25548	1.929	ug/l	99
54) 2-Hexanone	8.685	43	31150	7.570	ug/l	96
55) Dibromochloromethane	8.804	129	17304	1.901	ug/l	97
56) 1,2-Dibromoethane	8.920	107	13646	1.833	ug/l	95
58) Tetrachloroethene	8.550	164	18594	2.034	ug/l	96
59) Chlorobenzene	9.441	112	48733	1.964	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	19507	1.996	ug/l	95
61) Pentachloroethane	11.421	117	16099	1.929	ug/l	100
62) Hexachloroethane	12.470	117	15119	1.874	ug/l	97
63) Ethyl Benzene	9.566	91	69536	1.881	ug/l	100
64) m/p-Xylenes	9.688	106	56842	3.727	ug/l	96
65) o-Xylene	10.094	106	28899	1.968	ug/l	96
66) Styrene	10.110	104	44489	1.834	ug/l	98
67) Bromoform	10.286	173	9948	1.866	ug/l	95
69) Isopropylbenzene	10.479	105	70906	1.919	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	20394	1.846	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	23222	2.838	ug/l #	53
72) Bromobenzene	10.778	156	19942	1.958	ug/l	83
73) n-propylbenzene	10.901	120	18038	1.766	ug/l	88
74) 2-Chlorotoluene	10.981	126	19005	1.868	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	60593	1.843	ug/l	99
76) 4-Chlorotoluene	11.093	126	19897	1.881	ug/l	97
77) tert-Butylbenzene	11.415	119	60830	1.920	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	62395	1.860	ug/l	100
79) sec-Butylbenzene	11.637	105	79831	1.863	ug/l	98
80) Nitrobenzene	13.216	77	3352	6.911	ug/l #	94
81) p-Isopropyltoluene	11.788	119	61717	1.822	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	42235	1.987	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	40947	1.941	ug/l	99
84) n-Butylbenzene	12.206	91	56406	1.740	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	39721	1.932	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2820	1.761	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	20122	1.712	ug/l	99
88) Hexachlorobutadiene	14.016	225	13204	1.737	ug/l	97
89) Naphthalene	14.084	128	29150	1.629	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	18897	1.646	ug/l	99

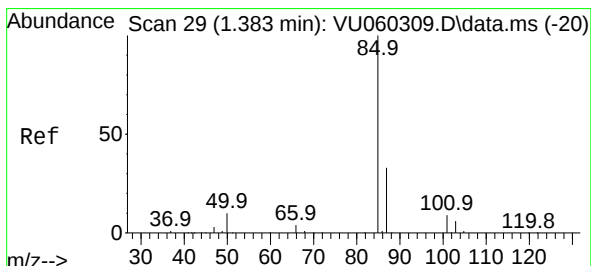
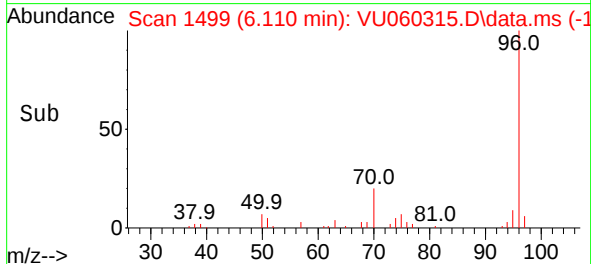
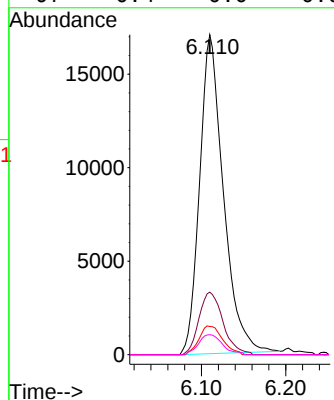
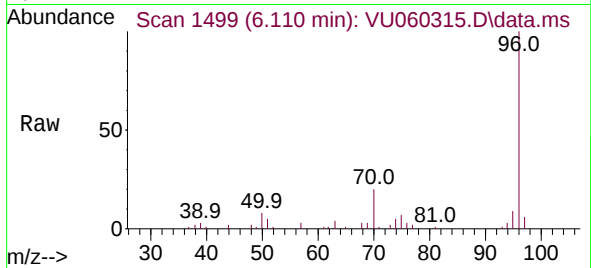
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

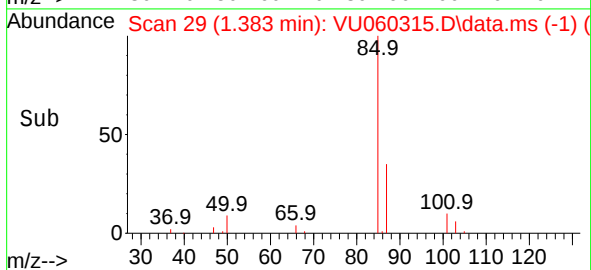
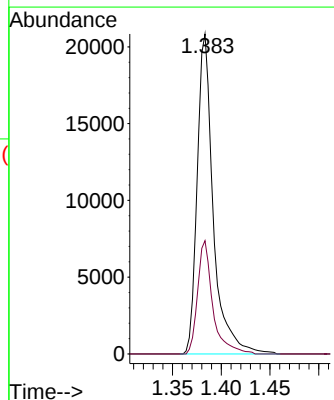
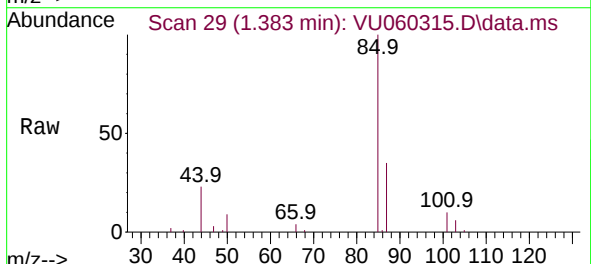
Instrument :
MSVOA_U
ClientSampleId :

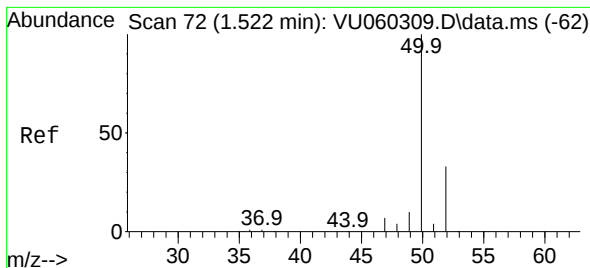
Tgt Ion: 96 Resp: 33430
Ion Ratio Lower Upper
96 100
70 19.9 17.2 25.8
95 8.9 7.9 11.9
97 6.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.864 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 85 Resp: 23964
Ion Ratio Lower Upper
85 100
87 35.4 16.3 48.9





#3

Chloromethane

Concen: 1.921 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

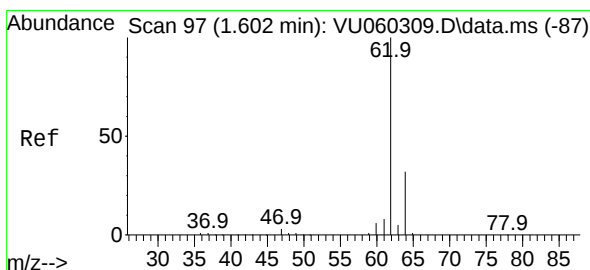
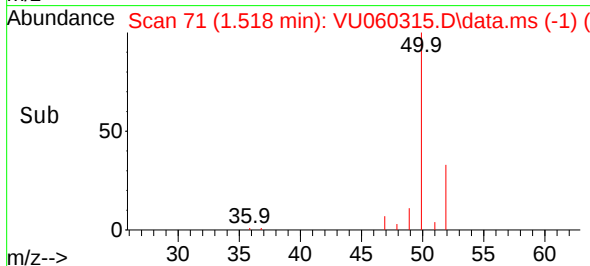
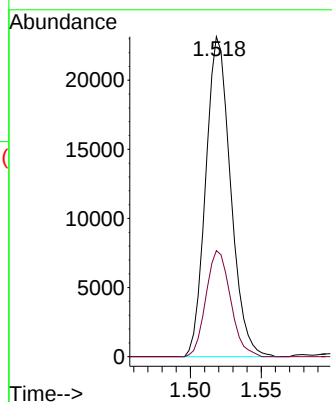
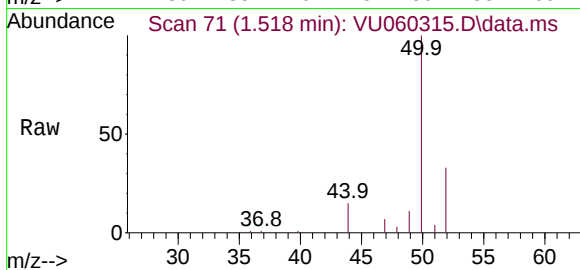
ClientSampleId :

Tgt Ion: 50 Resp: 28247

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 1.939 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU060315.D

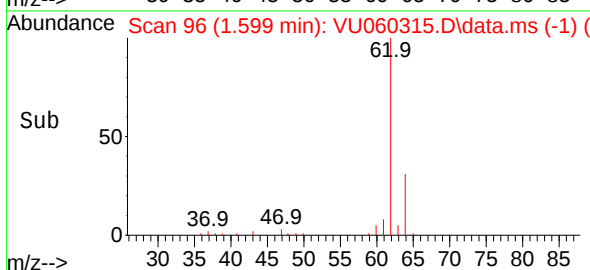
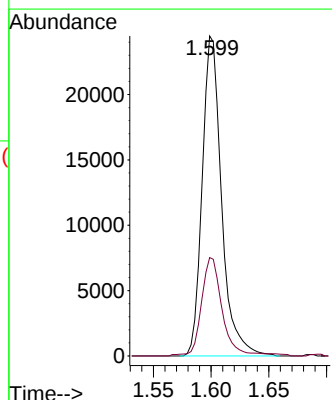
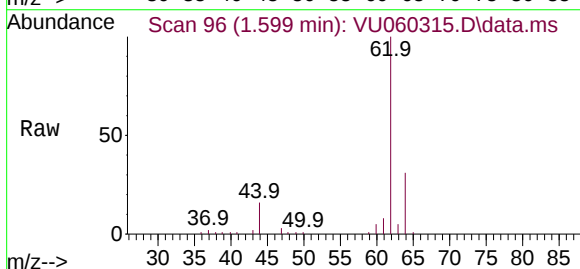
Acq: 05 Aug 2024 18:09

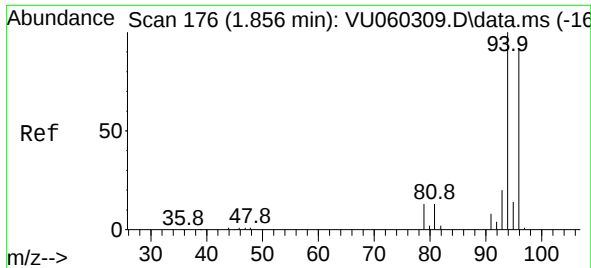
Tgt Ion: 62 Resp: 28492

Ion Ratio Lower Upper

62 100

64 30.2 25.8 38.6

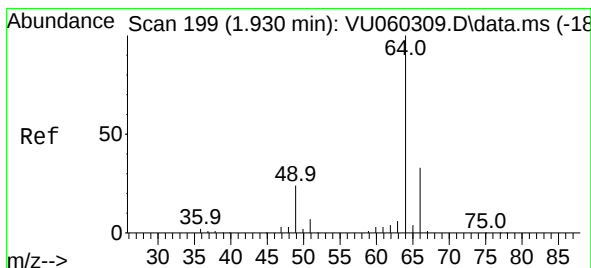
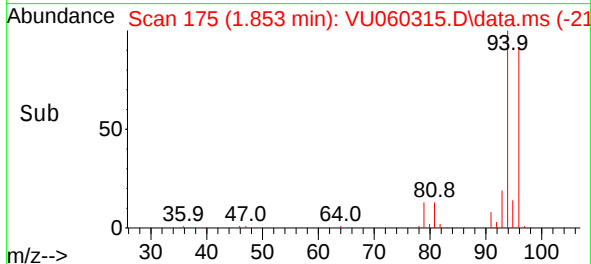
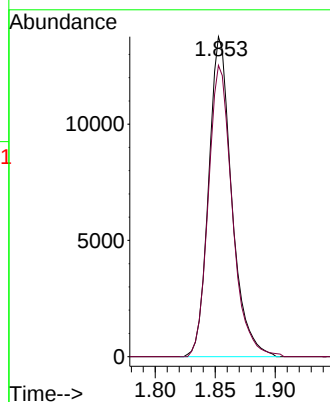
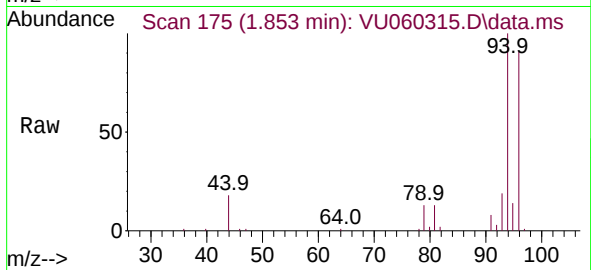




#5
Bromomethane
Concen: 2.043 ug/l
RT: 1.853 min Scan# 176
Delta R.T. -0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

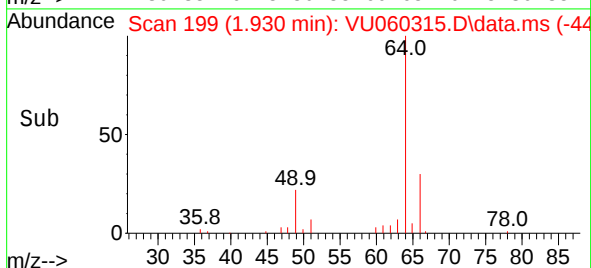
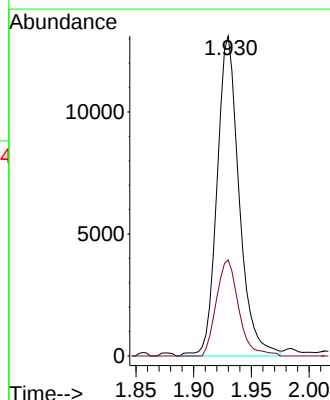
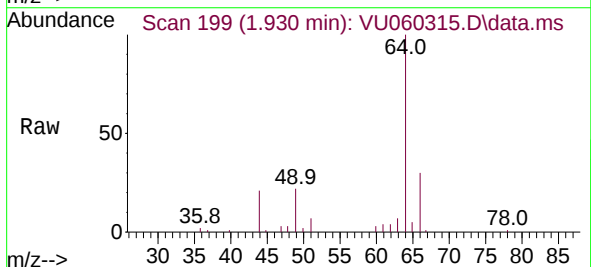
Instrument :
MSVOA_U
ClientSampleId :

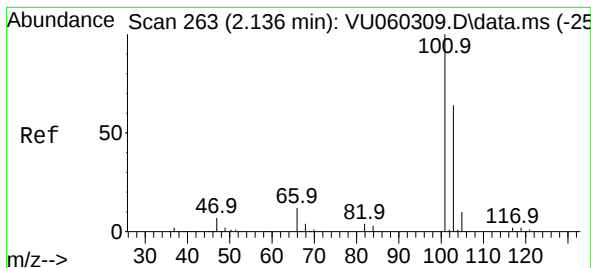
Tgt Ion: 94 Resp: 18453
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.8



#6
Chloroethane
Concen: 1.967 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 64 Resp: 17495
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5

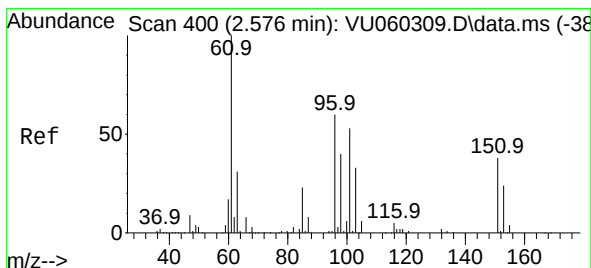
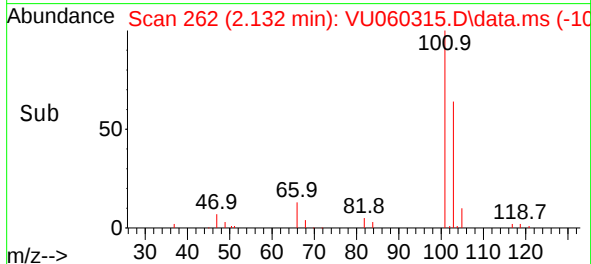
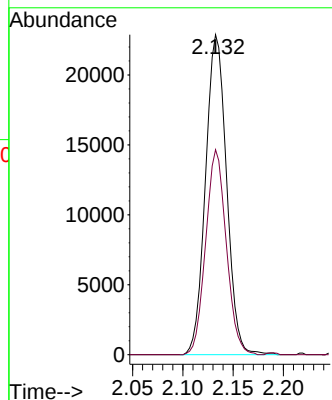
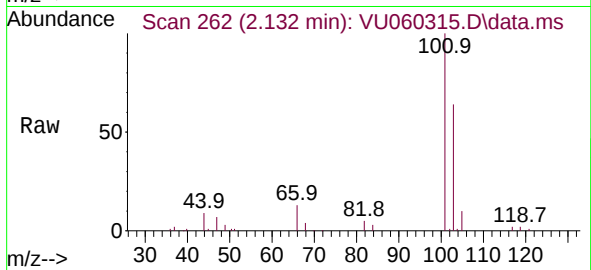




#7
 Trichlorofluoromethane
 Concen: 1.879 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

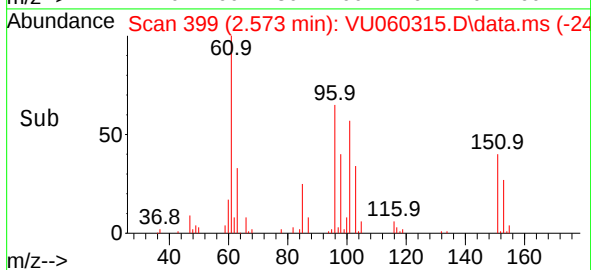
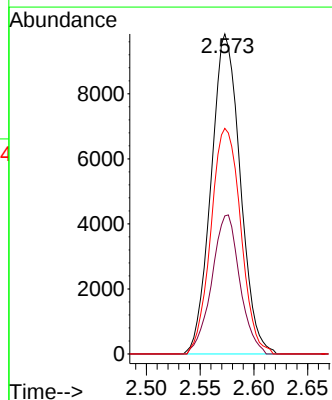
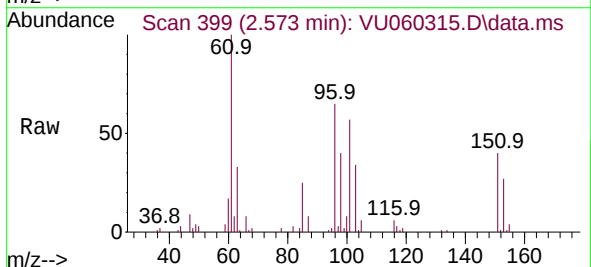
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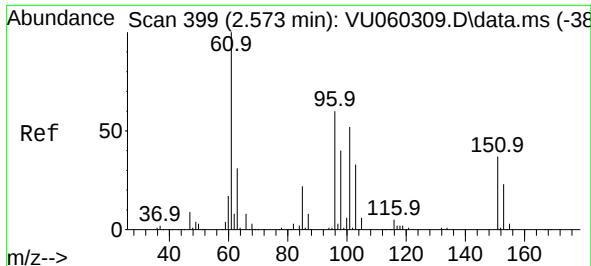
Tgt Ion:101 Resp: 33323
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.920 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

Tgt Ion:101 Resp: 18528
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.9 52.3
 151 72.3 57.2 85.8

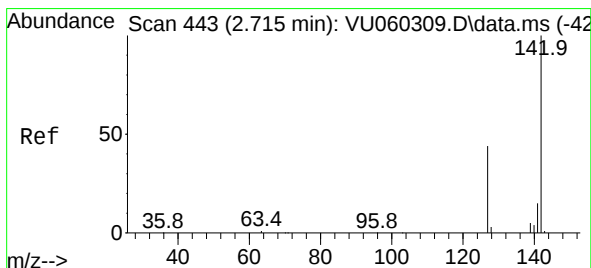
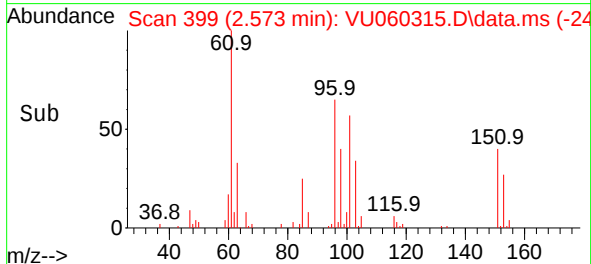
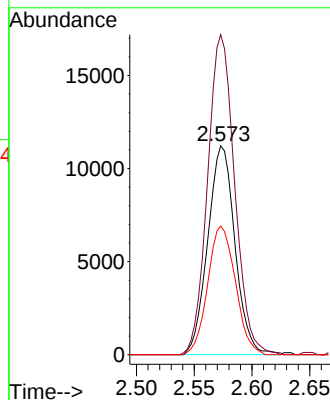
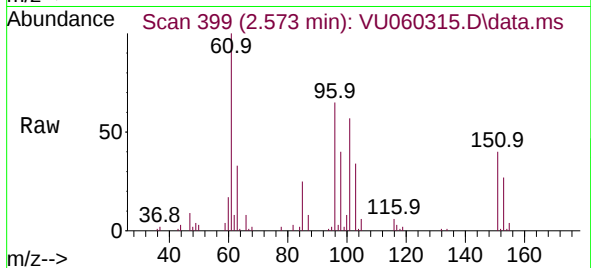




#9
1,1-Dichloroethene
Concen: 1.842 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

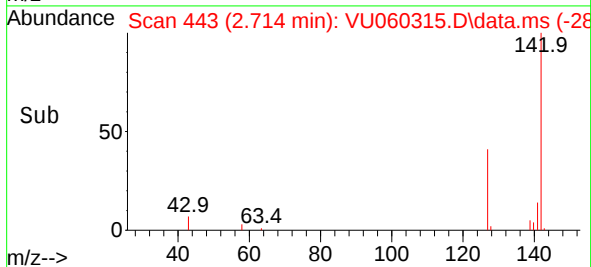
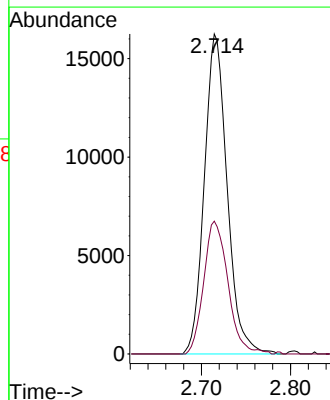
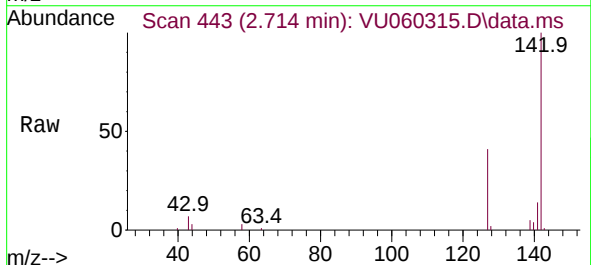
Instrument :
MSVOA_U
ClientSampleId :

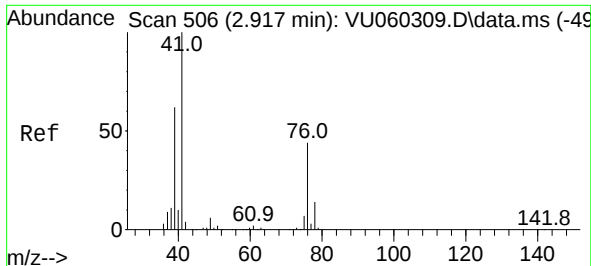
Tgt Ion:	96	Resp:	18409
Ion Ratio	Lower	Upper	
96	100		
61	153.3	0.0	495.9
98	61.6	0.0	131.6



#10
Iodomethane
Concen: 1.973 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:	142	Resp:	28864
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.5	53.3





#11

Allyl Chloride

Concen: 1.590 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

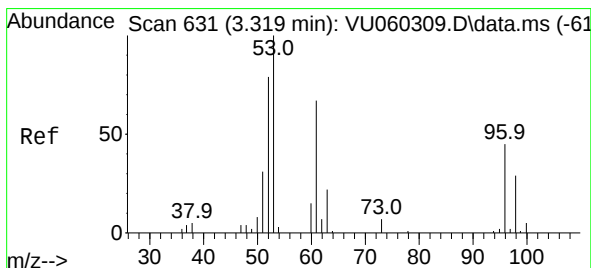
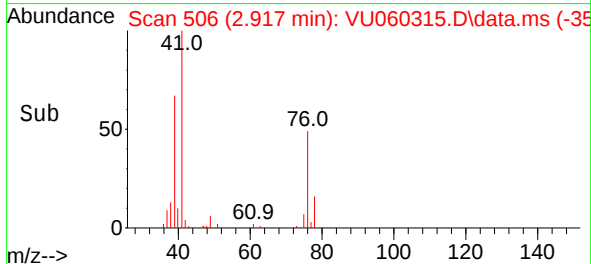
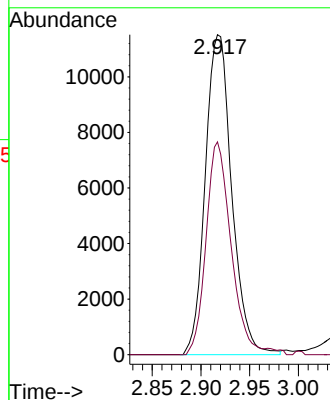
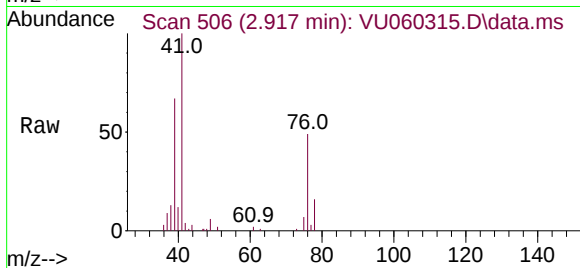
ClientSampleId :

Tgt Ion: 41 Resp: 21780

Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0



#12

Acrylonitrile

Concen: 2.770 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.022 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

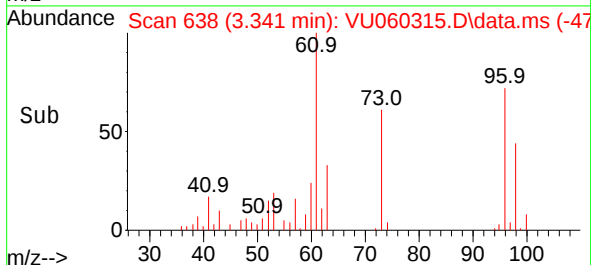
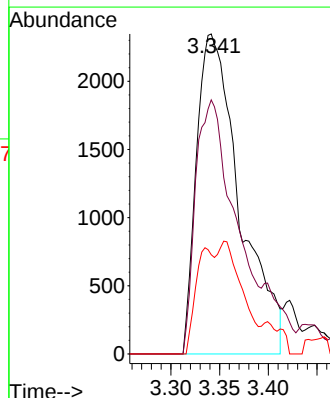
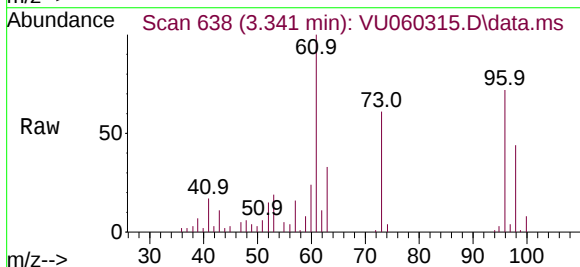
Tgt Ion: 53 Resp: 7233

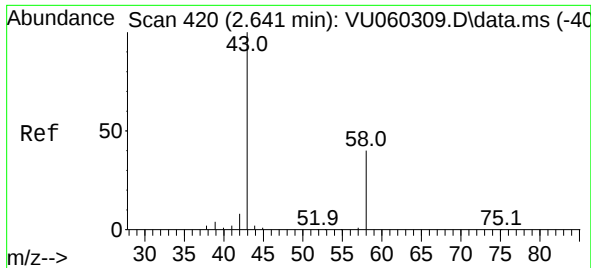
Ion Ratio Lower Upper

53 100

52 72.7 63.7 95.5

51 14.2 28.2 42.4#





#13

Acetone

Concen: 4.704 ug/l

RT: 2.657 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

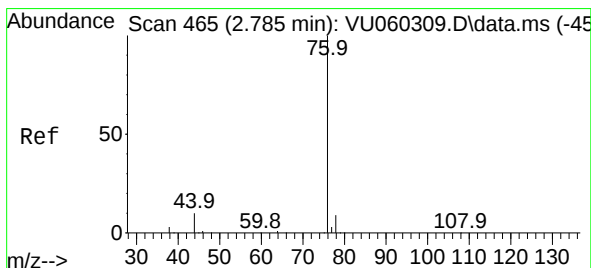
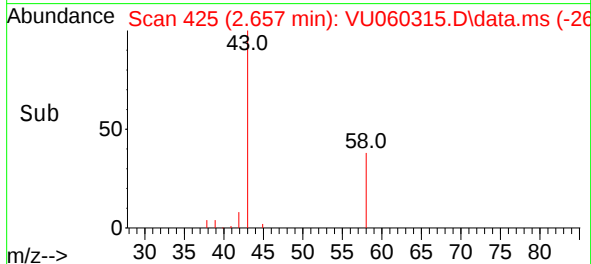
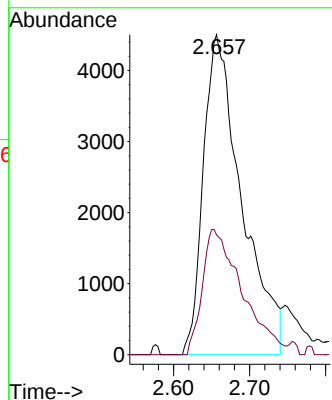
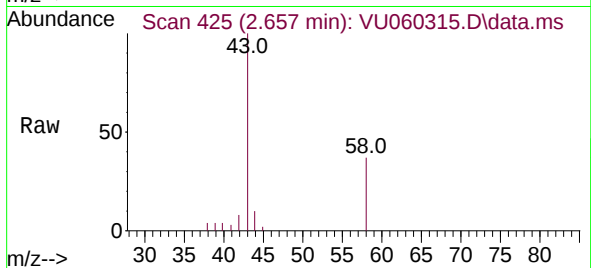
ClientSampleId :

Tgt Ion: 43 Resp: 15758

Ion Ratio Lower Upper

43 100

58 37.5 31.8 47.8



#14

Carbon Disulfide

Concen: 1.813 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060315.D

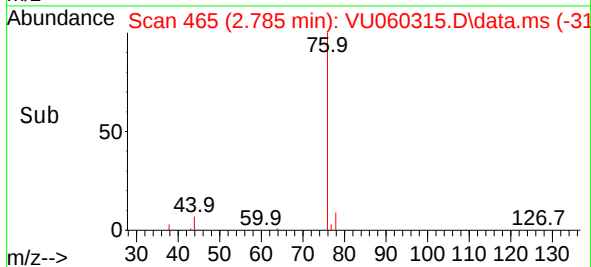
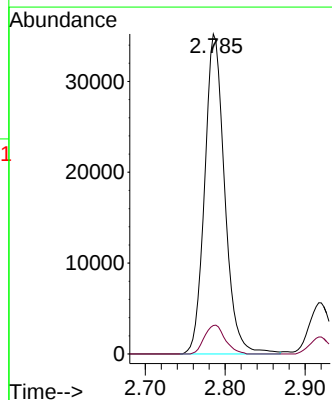
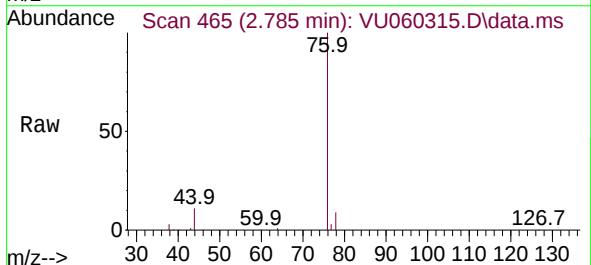
Acq: 05 Aug 2024 18:09

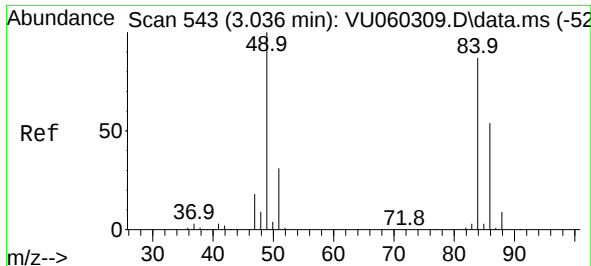
Tgt Ion: 76 Resp: 61442

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

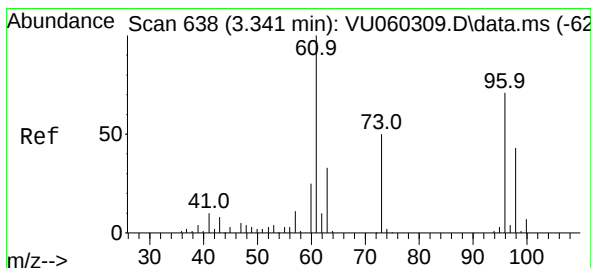
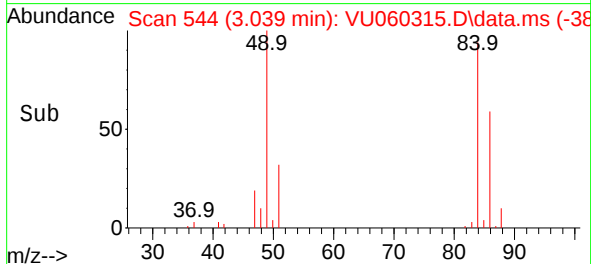
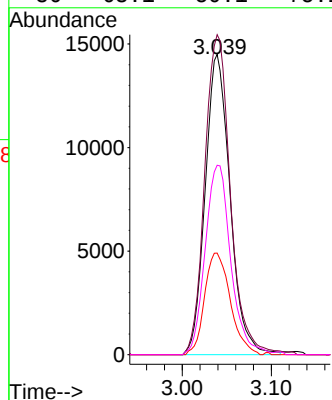
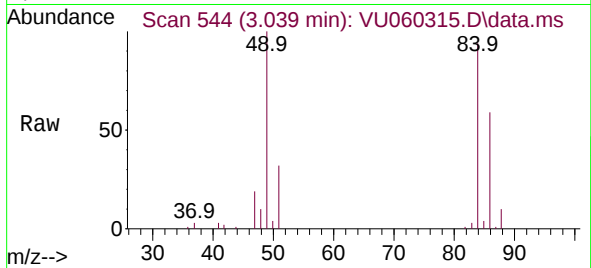




#15
Methylene Chloride
Concen: 2.247 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

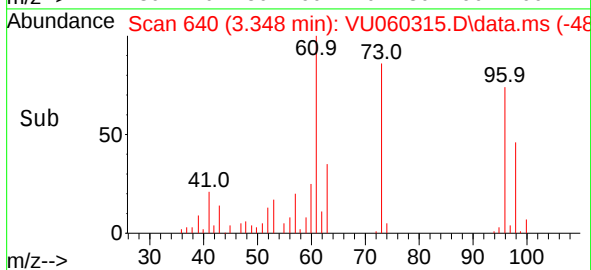
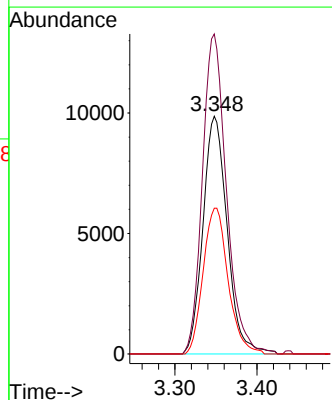
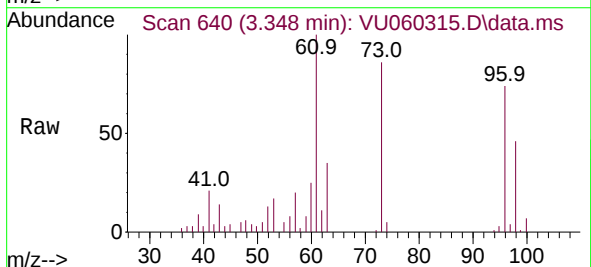
Instrument :
MSVOA_U
ClientSampleId :

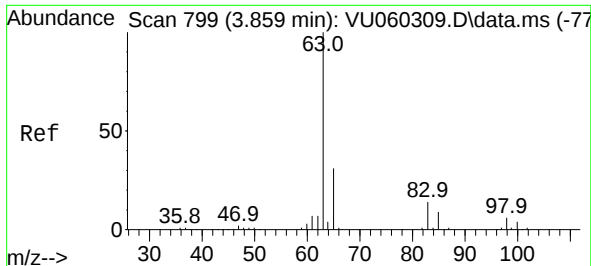
Tgt Ion: 84 Resp: 28110
Ion Ratio Lower Upper
84 100
49 106.6 92.1 138.1
51 33.8 0.0 72.4
86 63.1 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 1.893 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 96 Resp: 20276
Ion Ratio Lower Upper
96 100
61 134.6 112.8 169.2
98 61.3 48.7 73.1

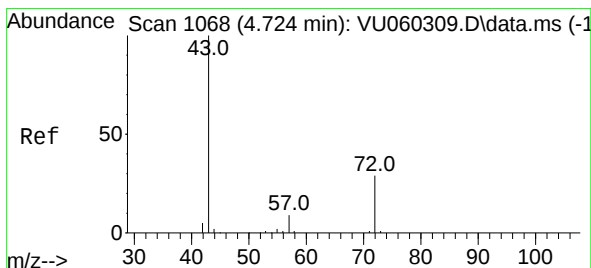
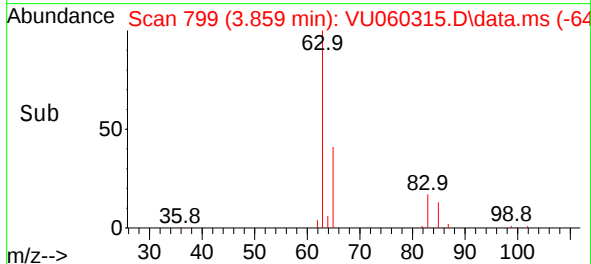
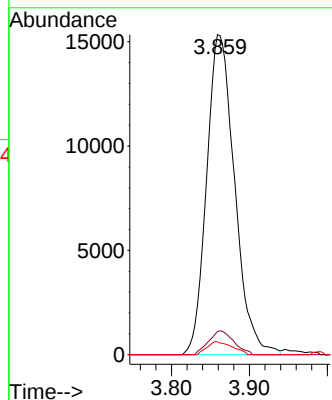
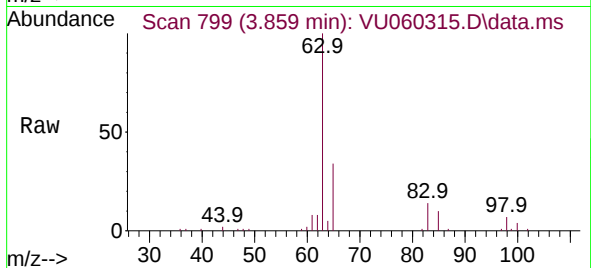




#17
1,1-Dichloroethane
Concen: 1.864 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

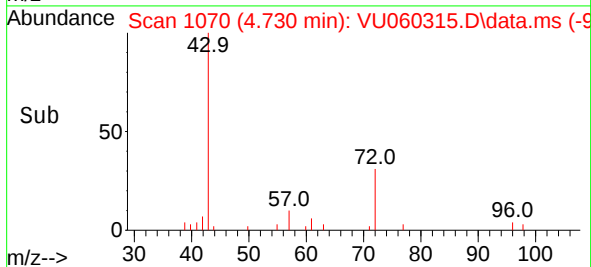
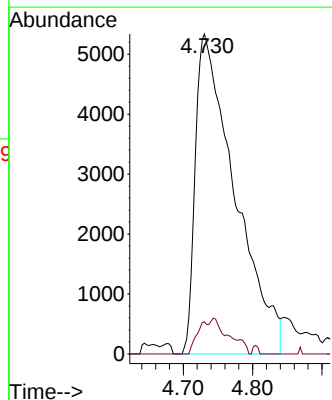
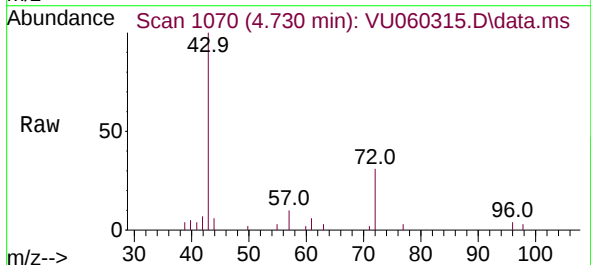
Instrument :
MSVOA_U
ClientSampleId :

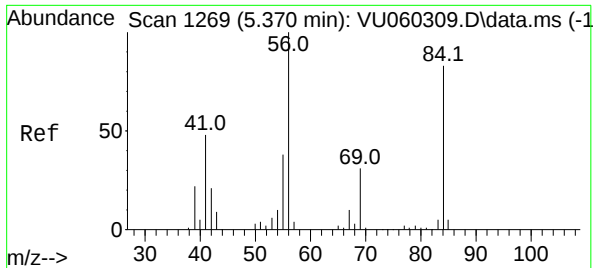
Tgt Ion:	63	Resp:	38386
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.1	9.4
100	4.0	2.0	5.8



#18
2-Butanone
Concen: 5.768 ug/l
RT: 4.730 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:	43	Resp:	21133
Ion Ratio	Lower	Upper	
43	100		
57	10.1	0.0	18.4





#19

Cyclohexane

Concen: 1.279 ug/l

RT: 5.380 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU060315.D

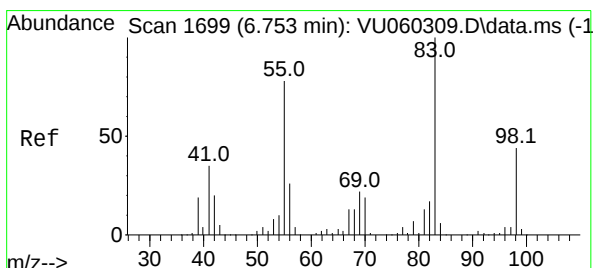
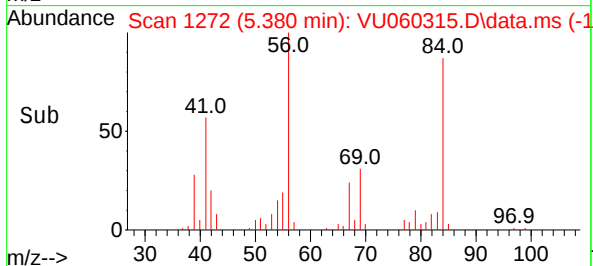
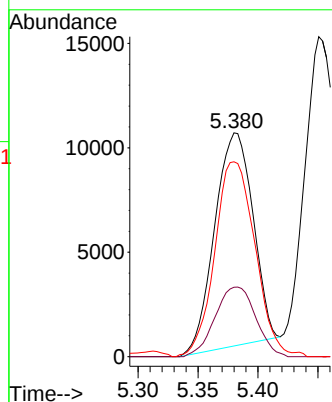
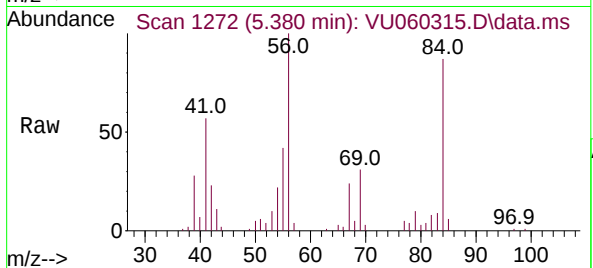
Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 22701
Ion Ratio	Lower Upper
56	100
69	34.6 24.2 36.2
84	96.3 63.9 95.9#



#20

Methylcyclohexane

Concen: 1.676 ug/l

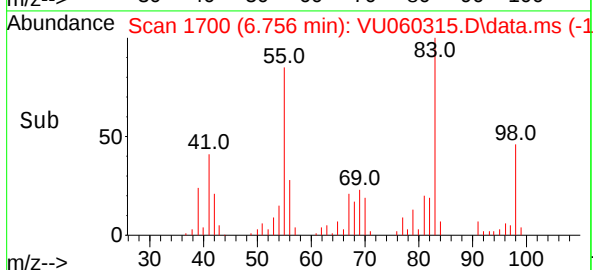
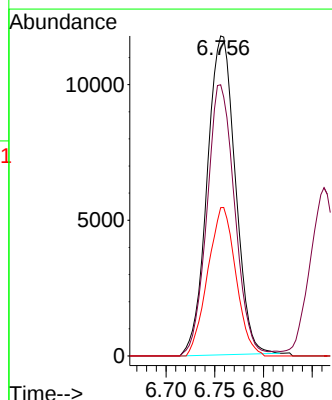
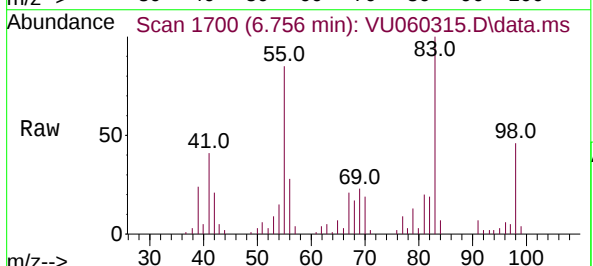
RT: 6.756 min Scan# 1700

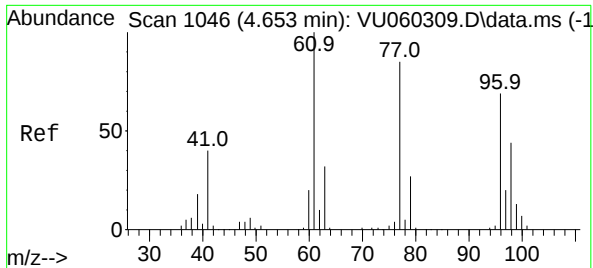
Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Tgt Ion: 83	Resp: 23603
Ion Ratio	Lower Upper
83	100
55	82.2 62.2 93.2
98	46.5 36.1 54.1

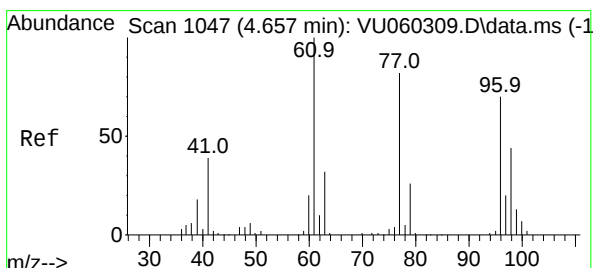
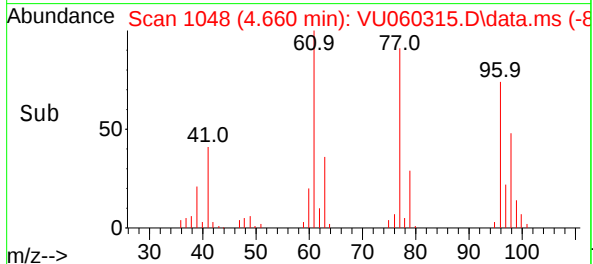
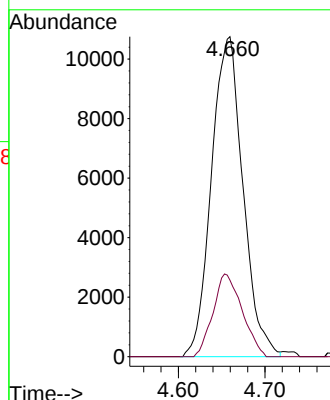
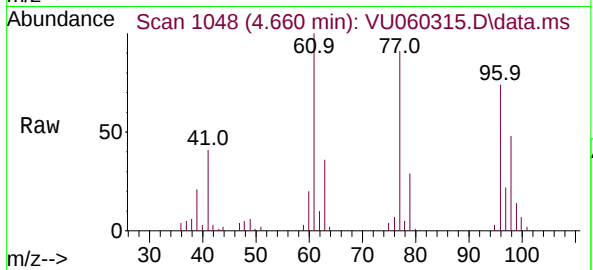




#21
2,2-Dichloropropane
Concen: 1.693 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

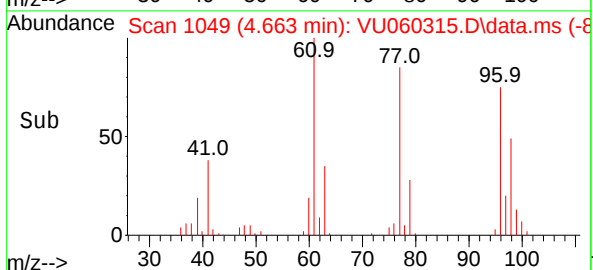
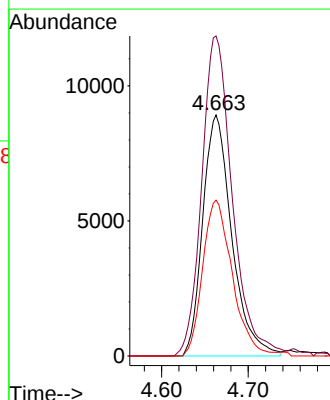
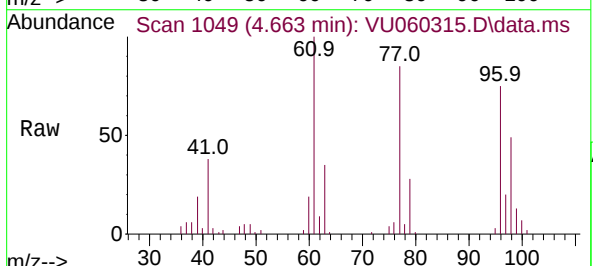
Instrument :
MSVOA_U
ClientSampleId :

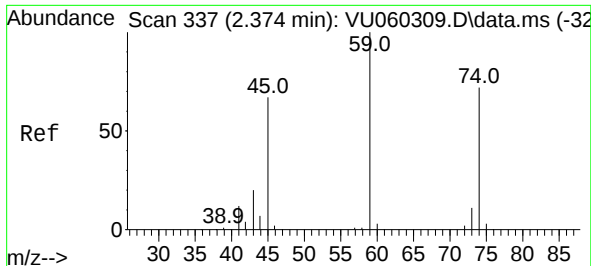
Tgt Ion: 77 Resp: 27143
Ion Ratio Lower Upper
77 100
97 23.9 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 1.815 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 96 Resp: 20823
Ion Ratio Lower Upper
96 100
61 139.8 0.0 372.8
98 65.8 31.8 95.4





#23

Diethyl Ether

Concen: 1.877 ug/l

RT: 2.374 min Scan# 337

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

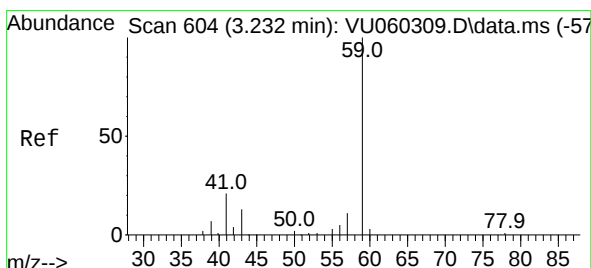
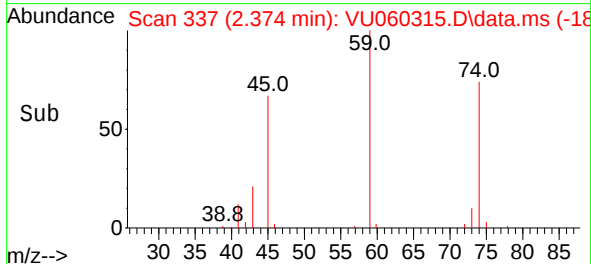
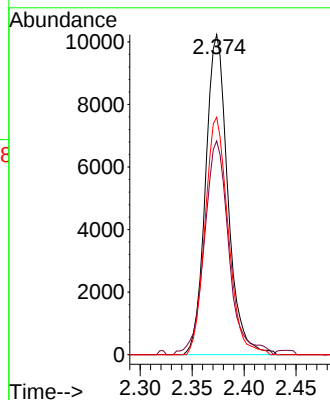
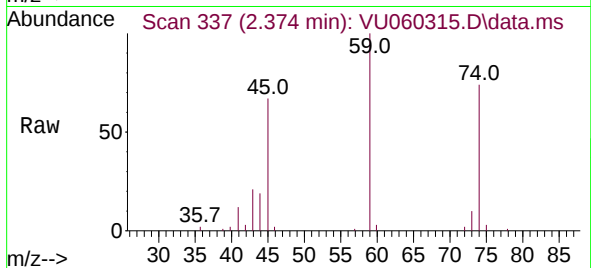
Tgt Ion: 59 Resp: 15246

Ion Ratio Lower Upper

59 100

45 73.4 55.8 83.6

74 77.0 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 2.873 ug/l

RT: 3.238 min Scan# 606

Delta R.T. 0.006 min

Lab File: VU060315.D

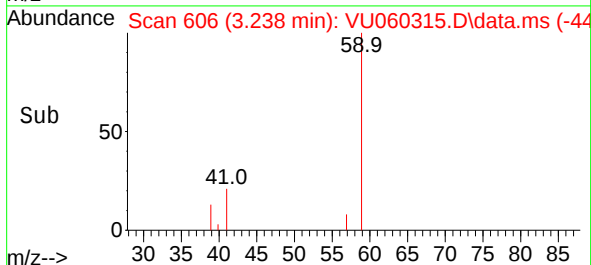
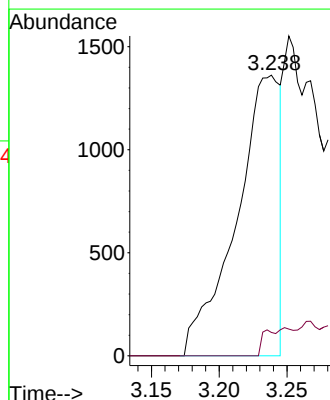
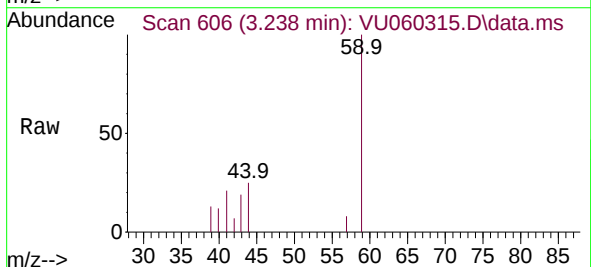
Acq: 05 Aug 2024 18:09

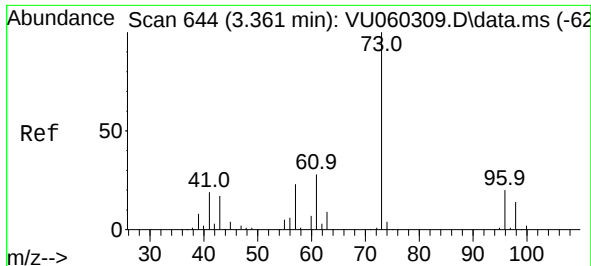
Tgt Ion: 59 Resp: 3057

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#





#25

Methyl tert-Butyl Ether

Concen: 1.459 ug/l

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

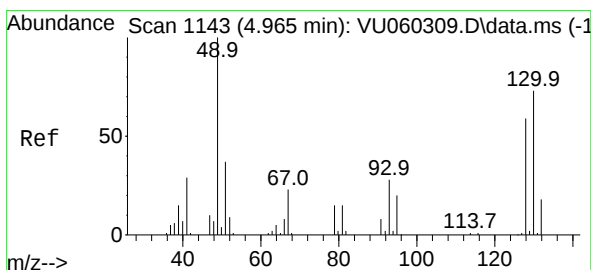
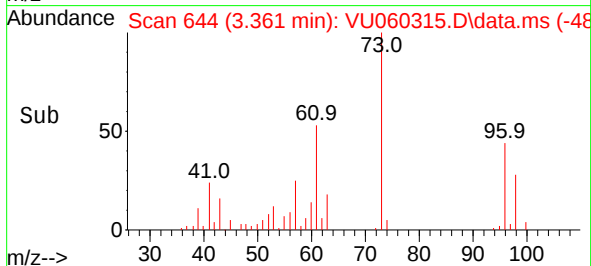
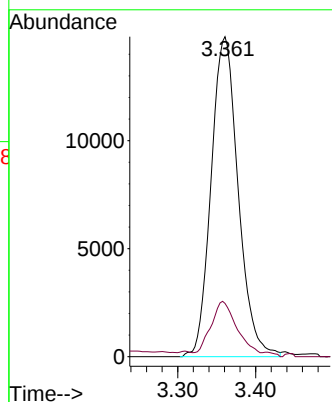
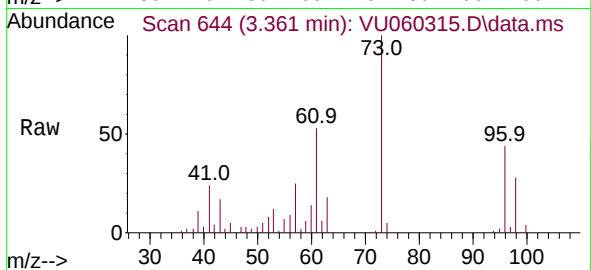
ClientSampleId :

Tgt Ion: 73 Resp: 35797

Ion Ratio Lower Upper

73 100

43 14.5 14.1 21.1



#26

Bromochloromethane

Concen: 2.014 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

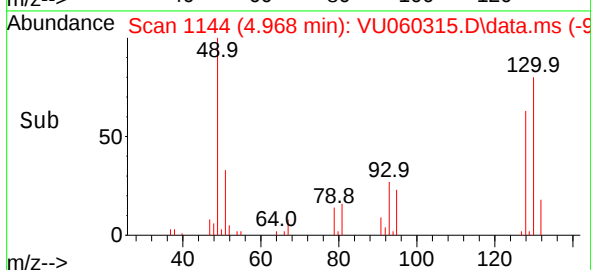
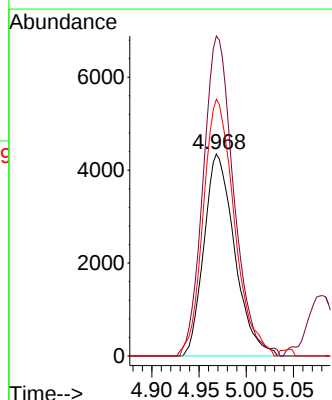
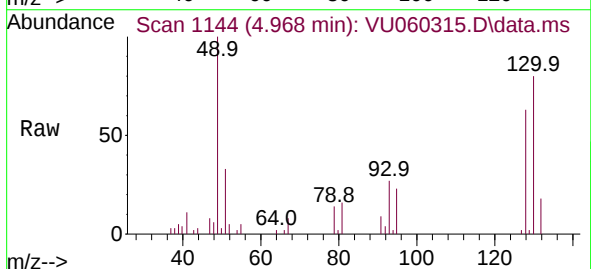
Tgt Ion: 128 Resp: 9783

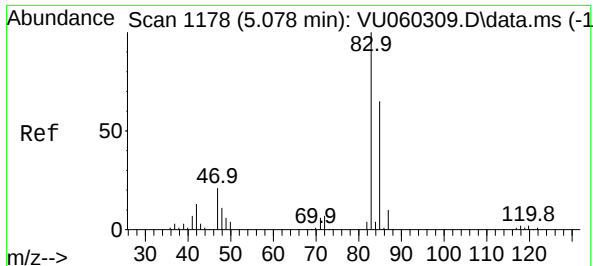
Ion Ratio Lower Upper

128 100

49 158.0 0.0 340.8

130 129.2 102.1 153.1

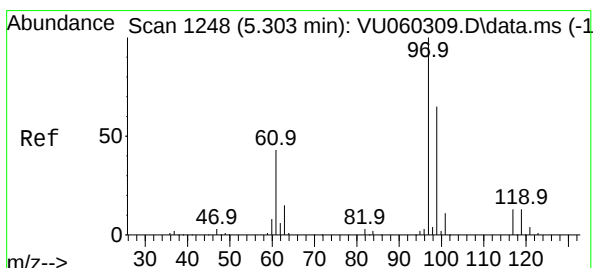
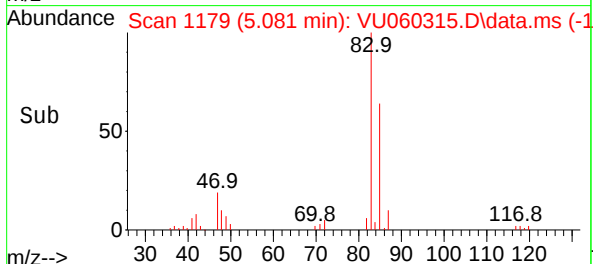
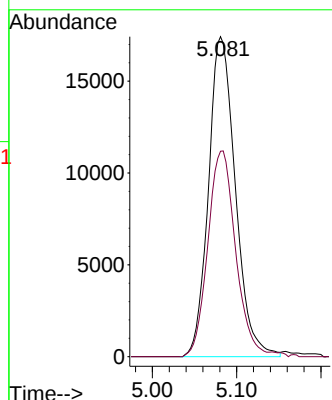
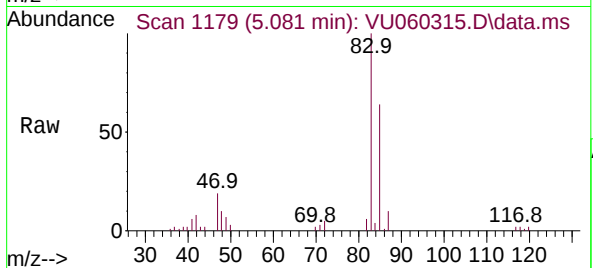




#27
Chloroform
Concen: 1.919 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

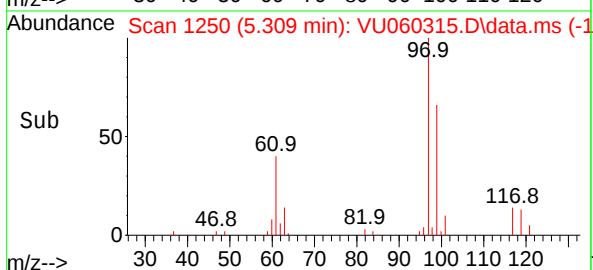
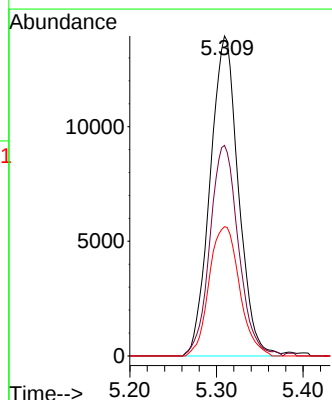
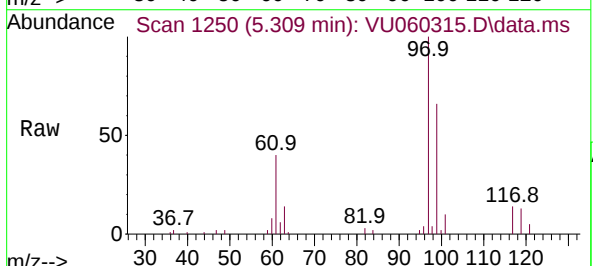
Instrument :
MSVOA_U
ClientSampleId :

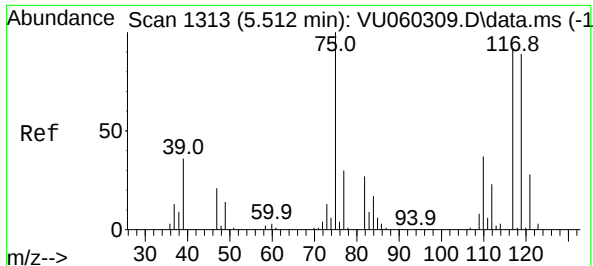
Tgt Ion: 83 Resp: 38660
Ion Ratio Lower Upper
83 100
85 64.2 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 1.892 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 97 Resp: 31661
Ion Ratio Lower Upper
97 100
99 66.5 32.8 98.4
61 43.3 22.3 66.9

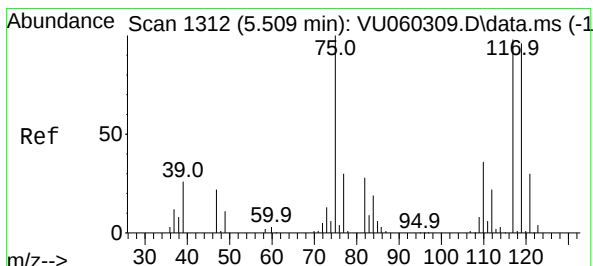
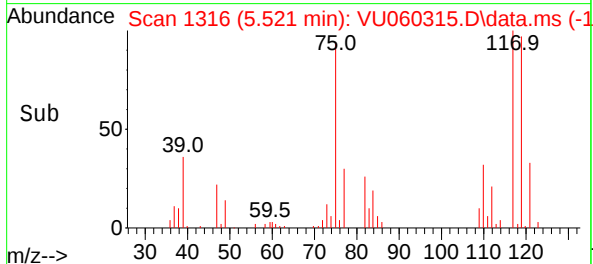
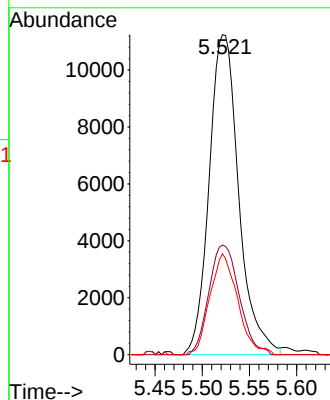
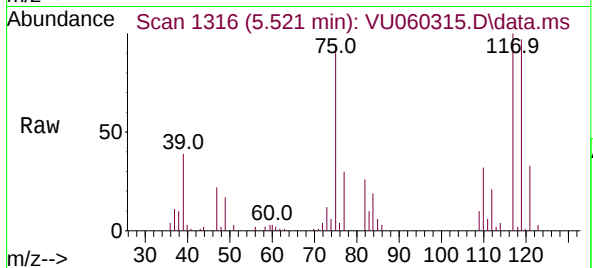




#29
1,1-Dichloropropene
Concen: 1.825 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

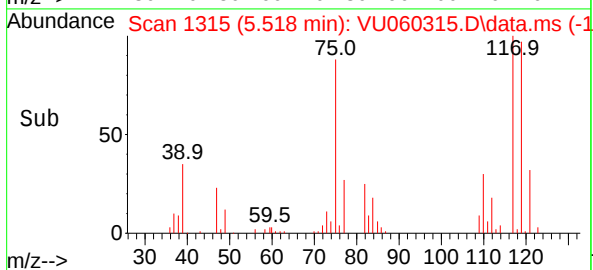
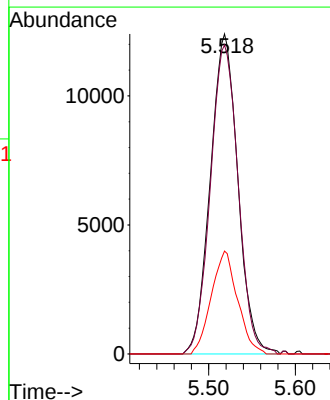
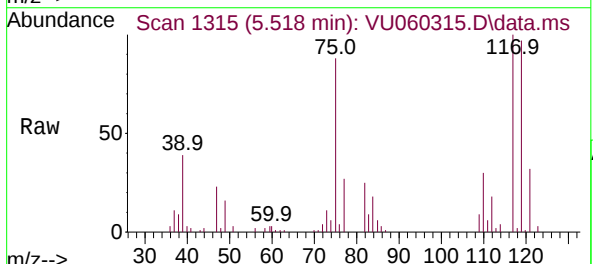
Instrument :
MSVOA_U
ClientSampleId :

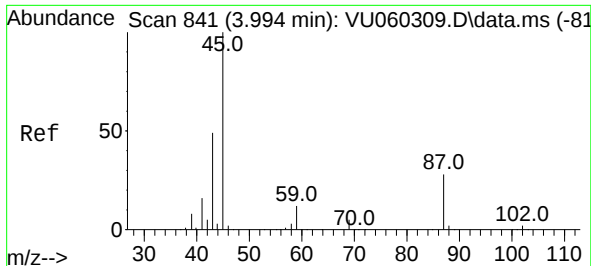
Tgt Ion: 75 Resp: 24474
Ion Ratio Lower Upper
75 100
110 35.0 18.4 55.2
77 29.7 24.8 37.2



#30
Carbon Tetrachloride
Concen: 2.008 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 117 Resp: 27380
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6
121 32.1 24.2 36.2

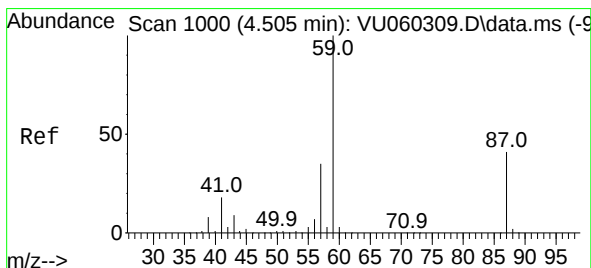
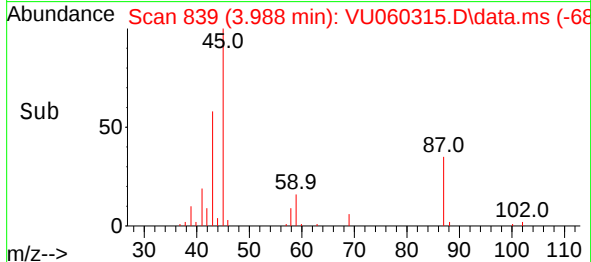
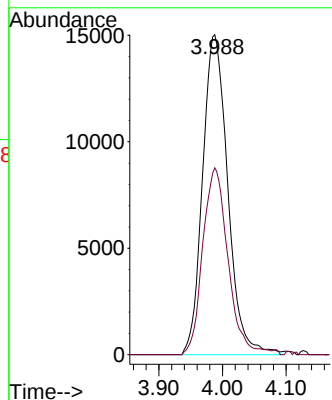
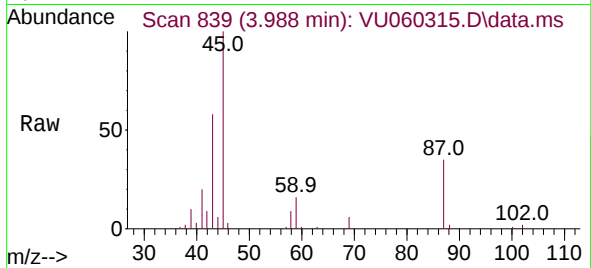




#31
Isopropyl Ether
Concen: 1.373 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.007 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

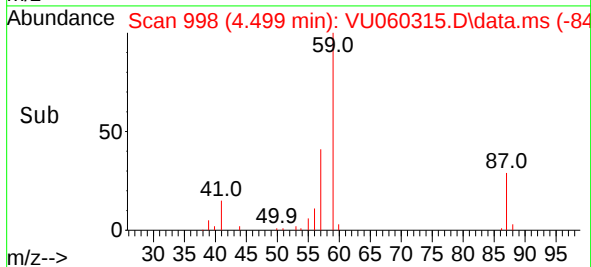
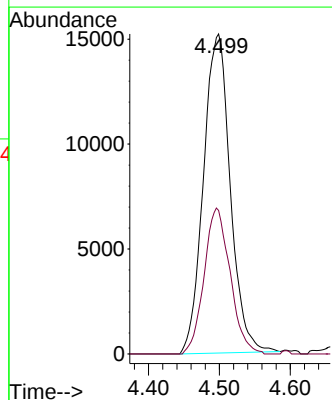
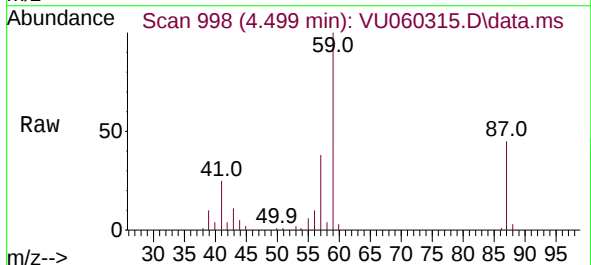
Instrument :
MSVOA_U
ClientSampleId :

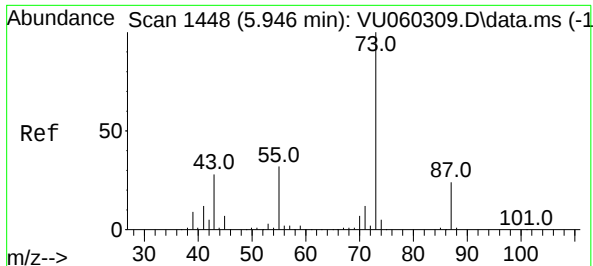
Tgt Ion: 45 Resp: 41321
Ion Ratio Lower Upper
45 100
43 58.6 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 1.375 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.007 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

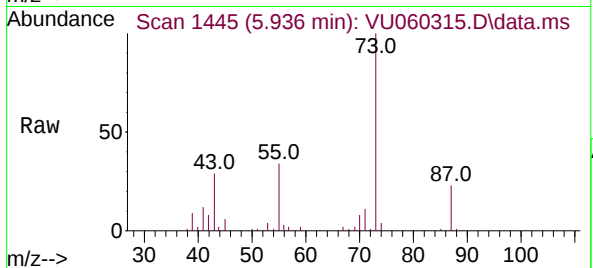
Tgt Ion: 59 Resp: 40010
Ion Ratio Lower Upper
59 100
87 44.4 32.6 49.0



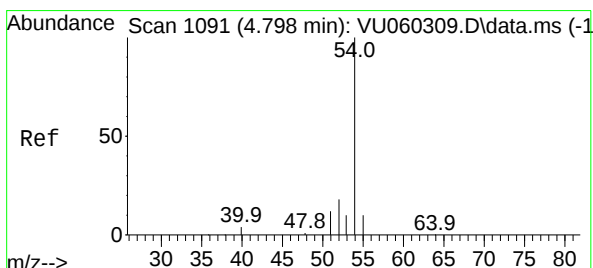
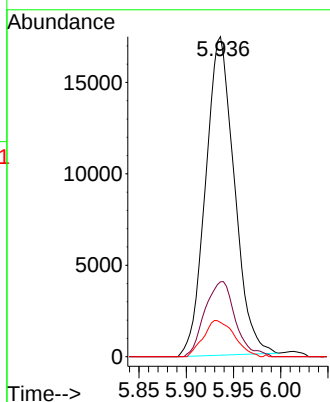
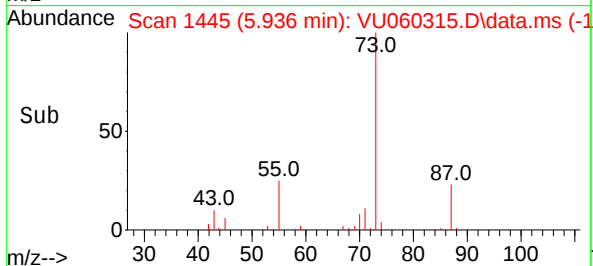


#33
Tert-Amyl methyl ether
Concen: 1.784 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

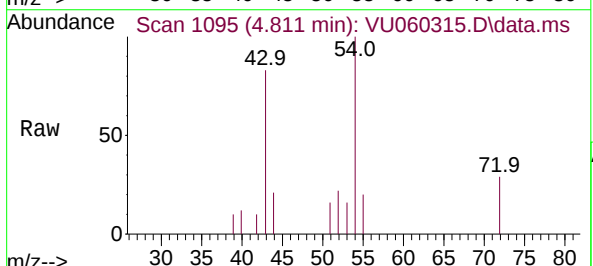
Instrument :
MSVOA_U
ClientSampleId :



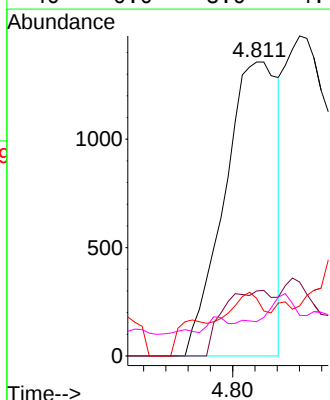
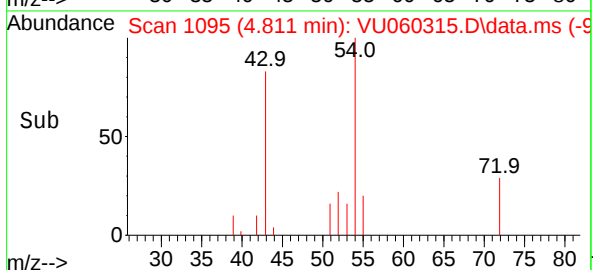
Tgt Ion: 73 Resp: 36828
Ion Ratio Lower Upper
73 100
87 25.0 19.6 29.4
71 12.2 9.5 14.3

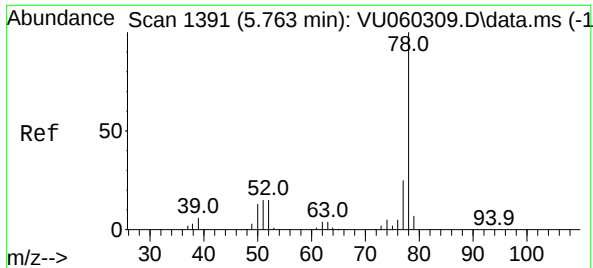


#34
Propionitrile
Concen: 2.147 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.013 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09



Tgt Ion: 54 Resp: 2248
Ion Ratio Lower Upper
54 100
52 19.9 16.4 24.6
55 6.5 5.2 7.8
40 0.0 3.0 4.4#

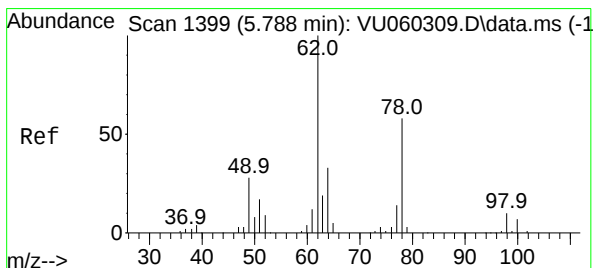
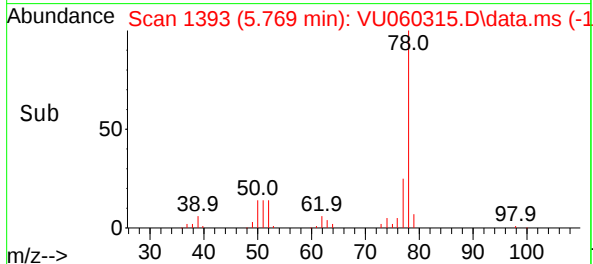
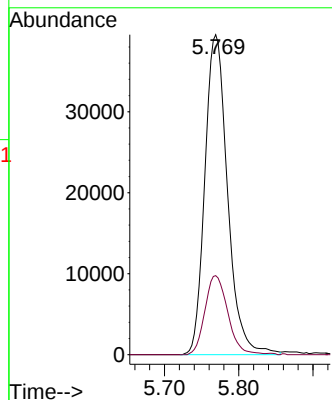
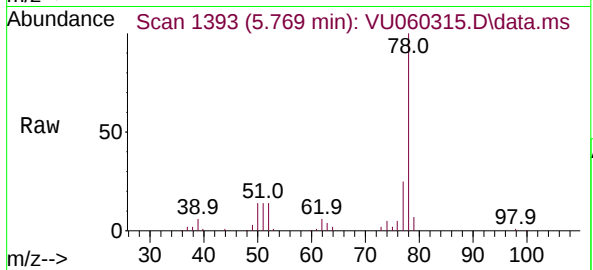




#35
Benzene
Concen: 2.030 ug/l
RT: 5.769 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

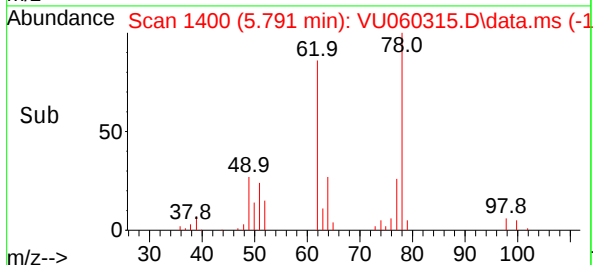
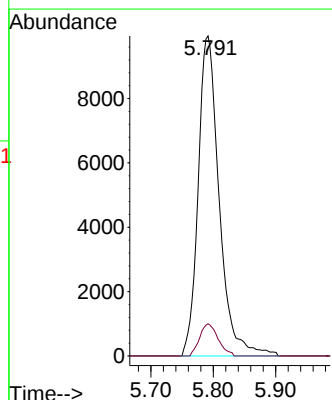
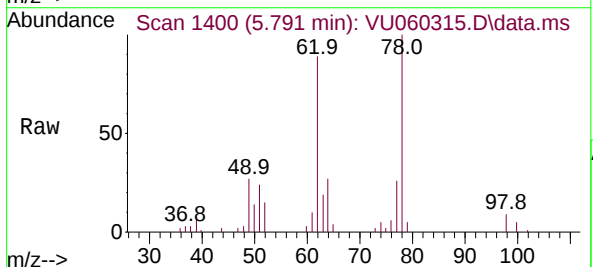
Instrument :
MSVOA_U
ClientSampleId :

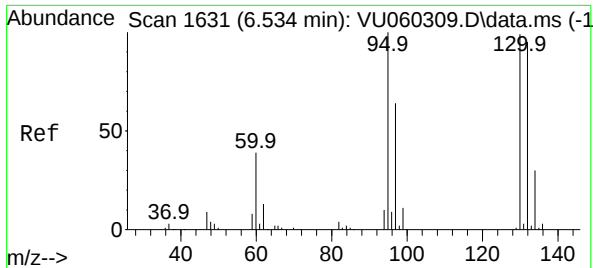
Tgt Ion: 78 Resp: 83888
Ion Ratio Lower Upper
78 100
77 24.7 20.2 30.2



#36
1,2-Dichloroethane
Concen: 2.029 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 62 Resp: 23300
Ion Ratio Lower Upper
62 100
98 8.8 8.1 12.1

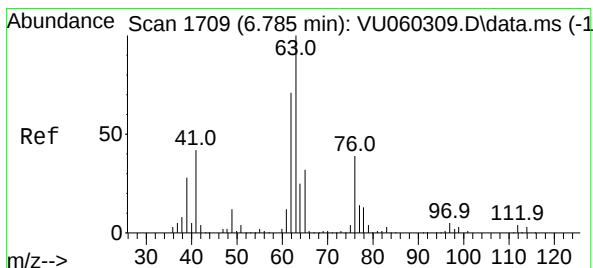
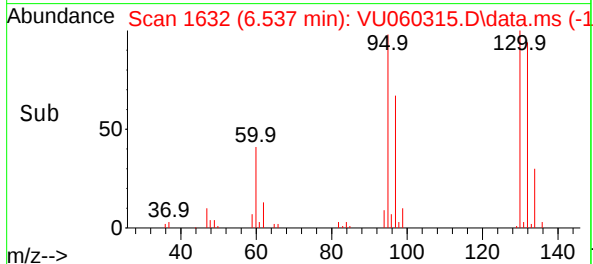
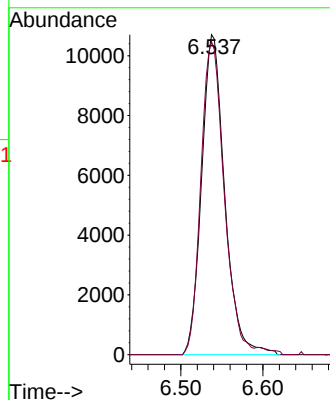
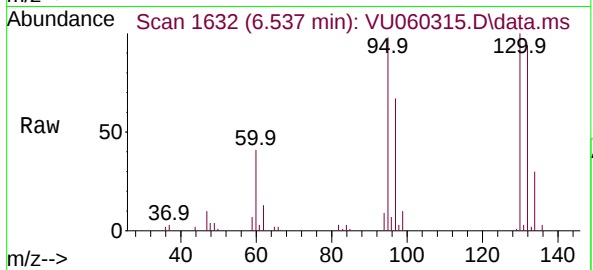




#37
Trichloroethene
Concen: 2.048 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

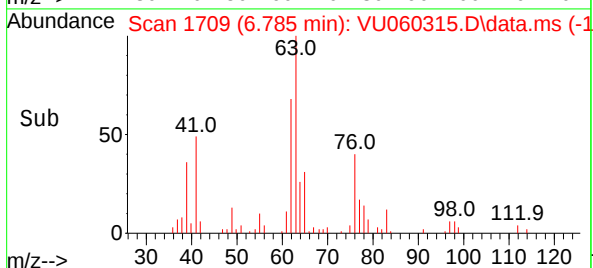
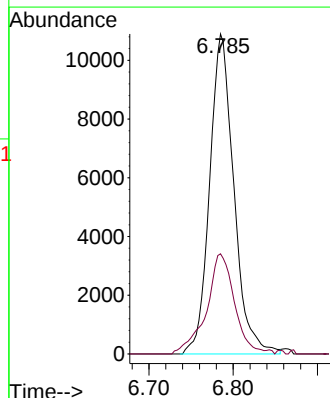
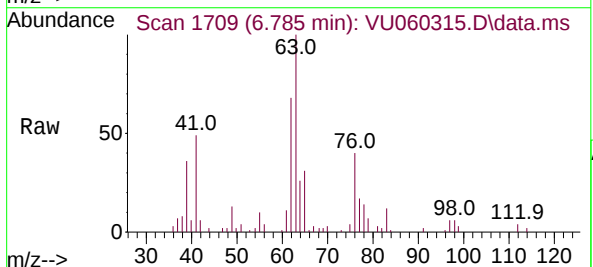
Instrument :
MSVOA_U
ClientSampleId :

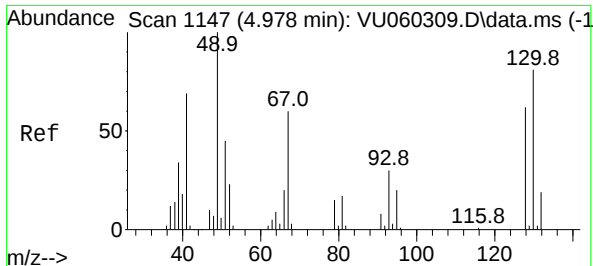
Tgt Ion:130 Resp: 20950
Ion Ratio Lower Upper
130 100
95 97.8 80.6 121.0



#38
1,2-Dichloropropane
Concen: 1.946 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

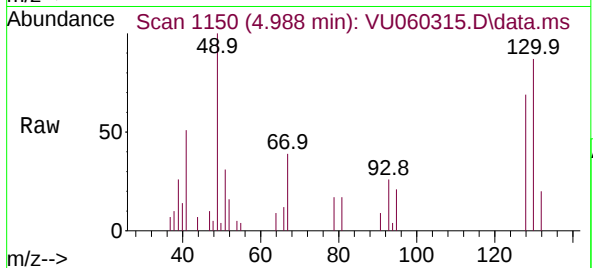
Tgt Ion: 63 Resp: 21751
Ion Ratio Lower Upper
63 100
65 30.2 25.6 38.4



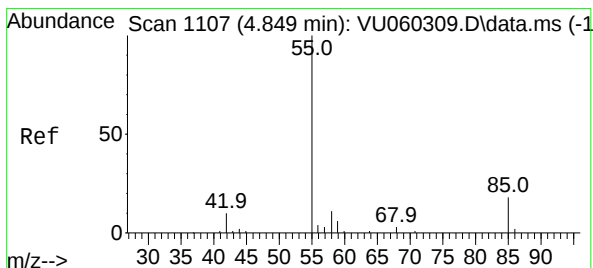
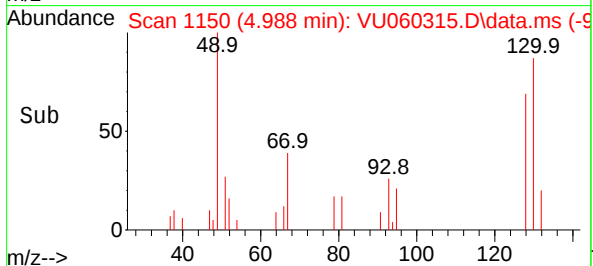
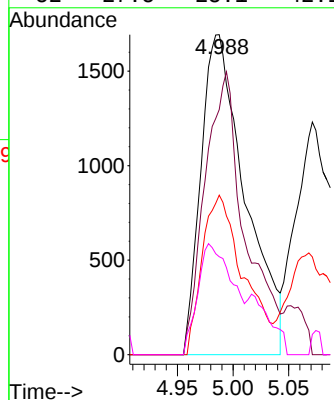


#39
Methacrylonitrile
Concen: 1.237 ug/l
RT: 4.988 min Scan# 1150
Delta R.T. 0.010 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Instrument :
MSVOA_U
ClientSampleId :

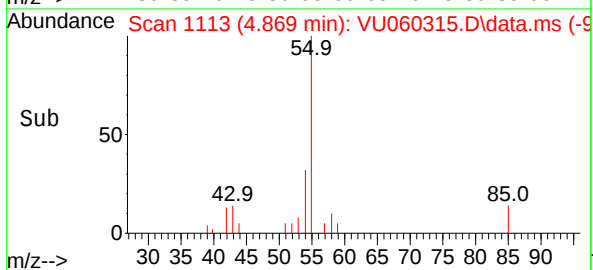
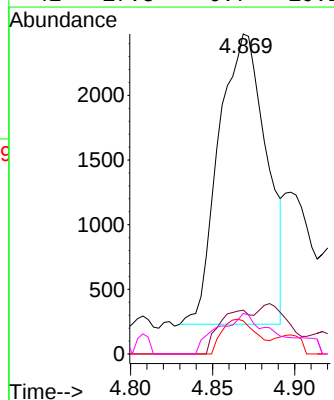
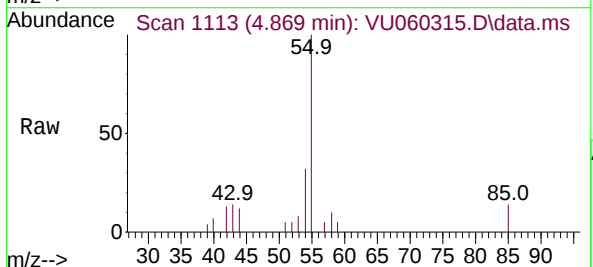


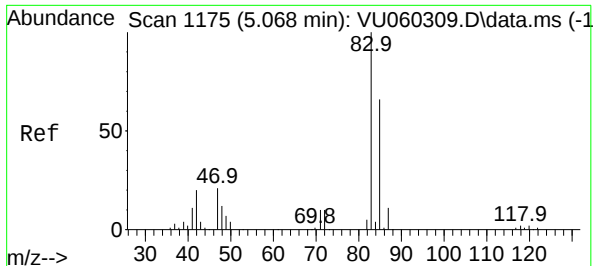
Tgt Ion:	41	Resp:	4688
Ion	Ratio	Lower	Upper
41	100		
67	79.5	67.4	101.0
39	46.4	41.7	62.5
52	27.5	28.1	42.1



#40
Methyl acrylate
Concen: 0.683 ug/l
RT: 4.869 min Scan# 1113
Delta R.T. 0.019 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:	55	Resp:	4533
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.6	20.4
58	8.8	7.6	11.4
42	17.8	6.7	10.1





#41

Tetrahydrofuran

Concen: 1.988 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VU060315.D

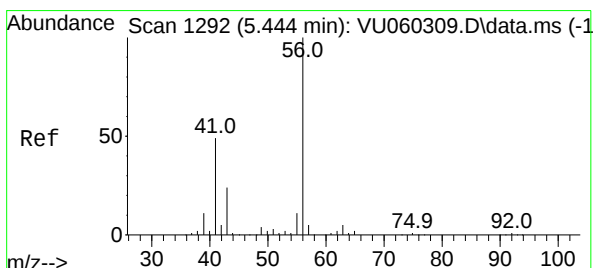
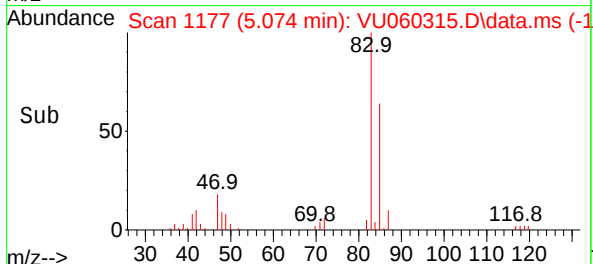
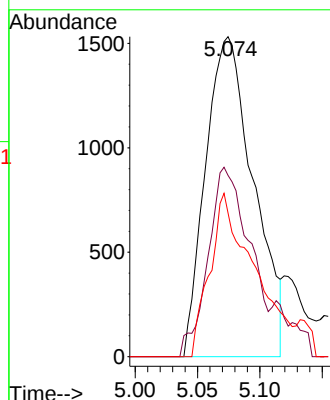
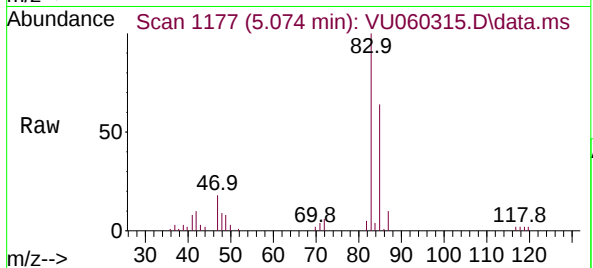
Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	4103
Ion	Ratio	Lower	Upper
42	100		
72	51.1	40.6	60.8
71	47.4	38.0	57.0



#42

1-Chlorobutane

Concen: 1.747 ug/l

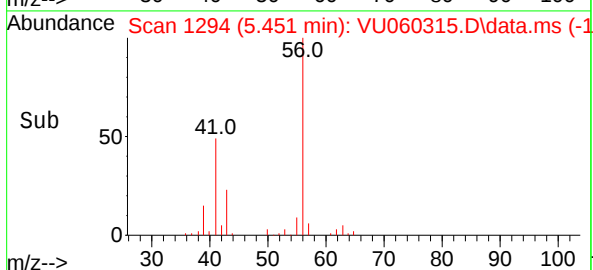
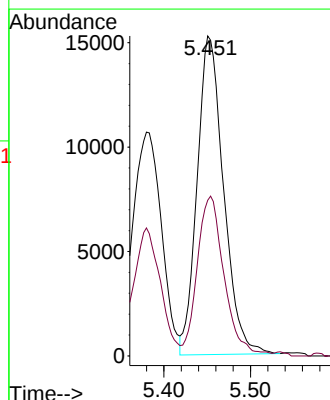
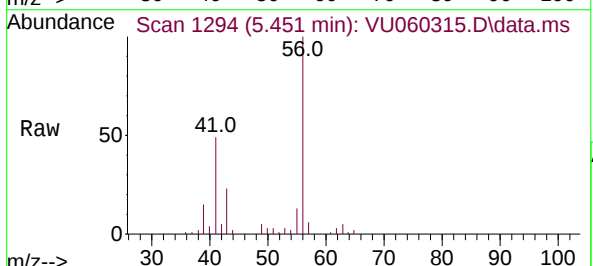
RT: 5.451 min Scan# 1294

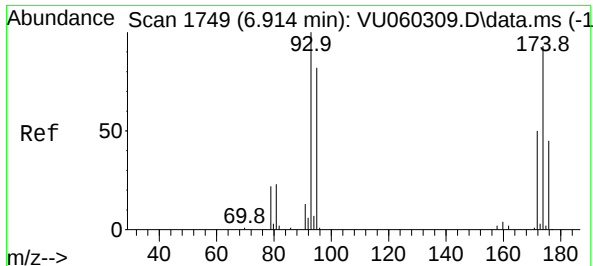
Delta R.T. 0.006 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Tgt Ion:	56	Resp:	32293
Ion	Ratio	Lower	Upper
56	100		
41	49.5	23.8	71.5





#43

Dibromomethane

Concen: 2.015 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

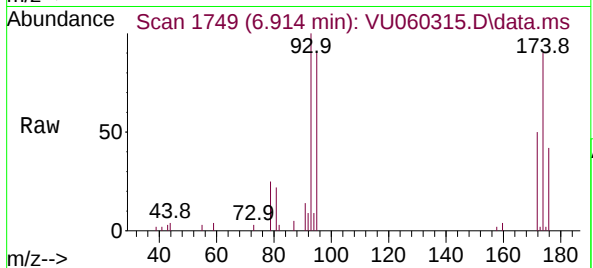
Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :



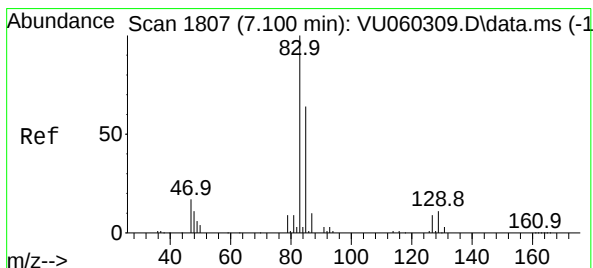
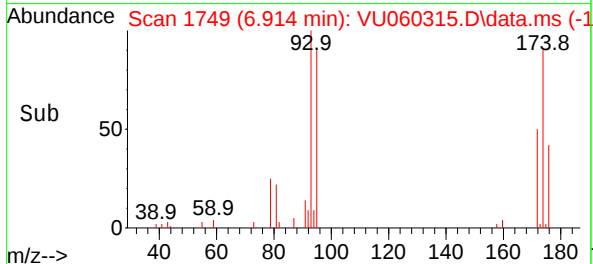
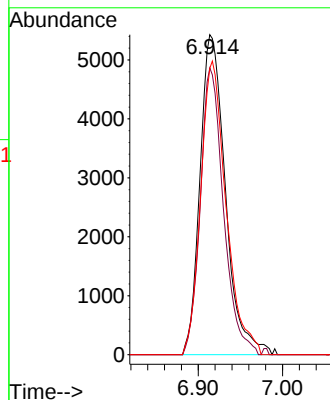
Tgt Ion: 93 Resp: 11396

Ion Ratio Lower Upper

93 100

95 81.7 66.4 99.6

174 91.4 75.2 112.8



#44

Bromodichloromethane

Concen: 1.983 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

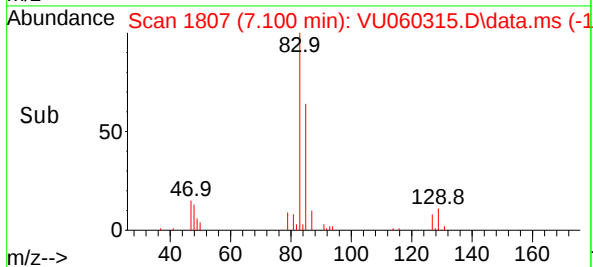
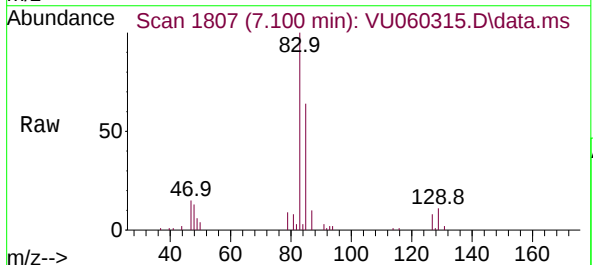
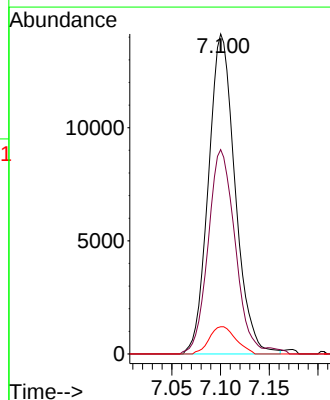
Tgt Ion: 83 Resp: 26926

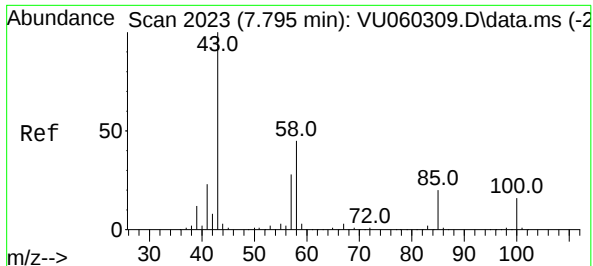
Ion Ratio Lower Upper

83 100

85 63.9 51.3 76.9

127 8.5 6.8 10.2

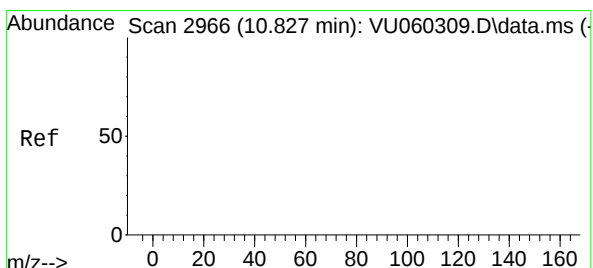
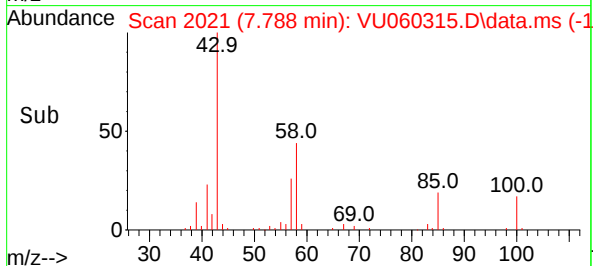
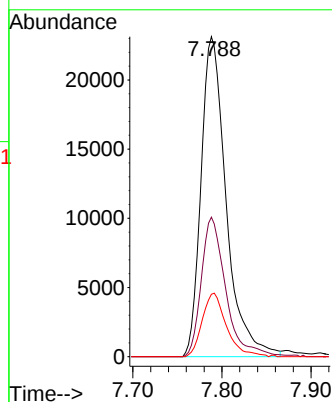
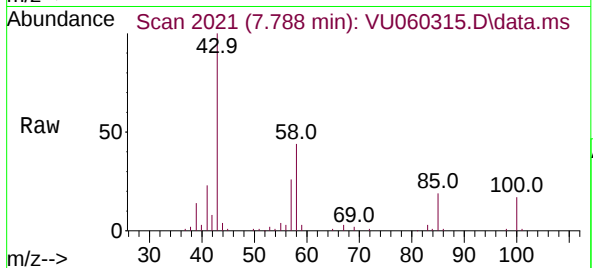




#45
4-Methyl-2-Pentanone
Concen: 8.550 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.007 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

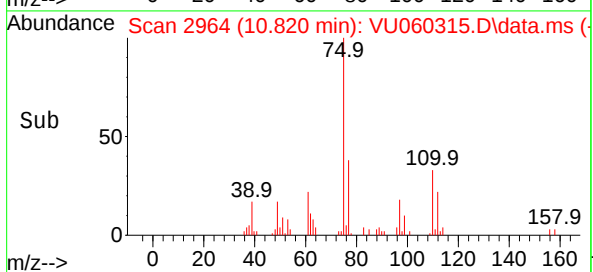
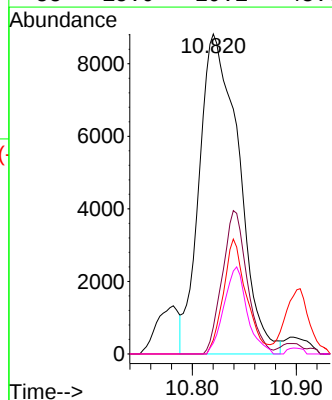
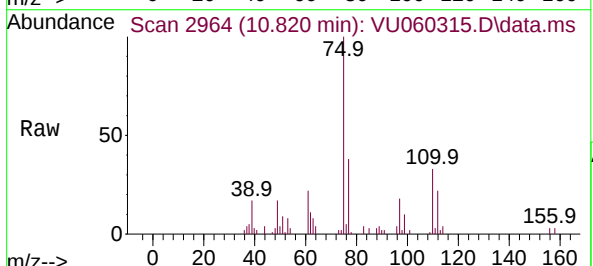
Instrument :
MSVOA_U
ClientSampleId :

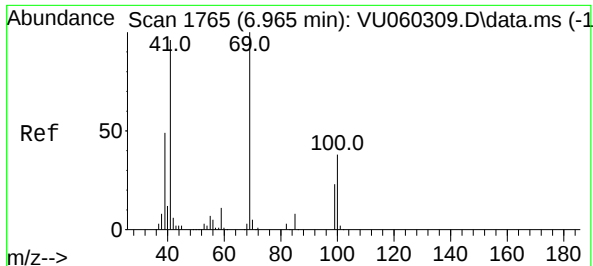
Tgt Ion:	43	Resp:	45395
Ion	Ratio	Lower	Upper
43	100		
58	42.4	22.3	66.9
85	19.1	16.0	24.0



#46
t-1,4-Dichloro-2-butene
Concen: 7.805 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:	75	Resp:	23222
Ion	Ratio	Lower	Upper
75	100		
53	28.2	57.2	85.8#
89	21.2	40.4	60.6#
88	15.9	29.1	43.7#





#47

Methyl methacrylate

Concen: 3.514 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.003 min

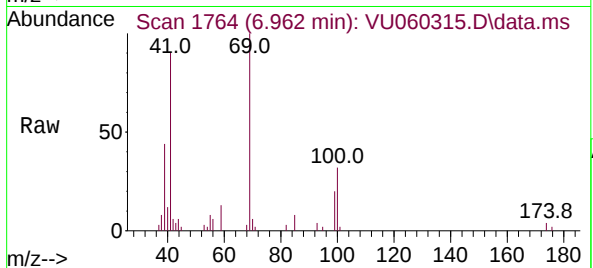
Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 16121

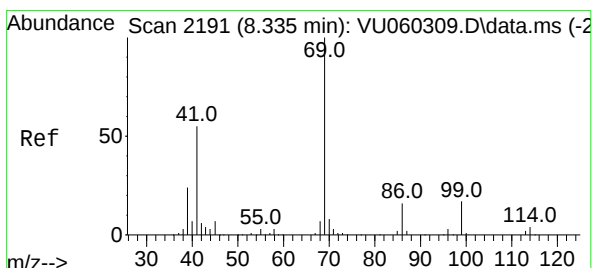
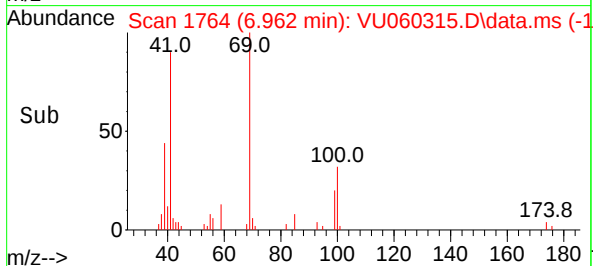
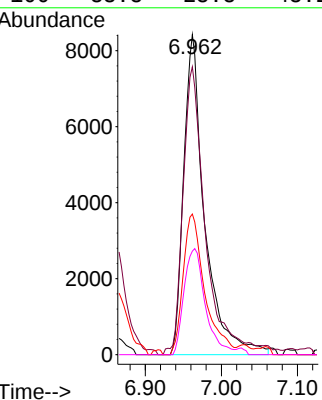
Ion Ratio Lower Upper

69 100

41 95.4 0.0 194.0

39 45.7 38.0 57.0

100 33.8 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.802 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU060315.D

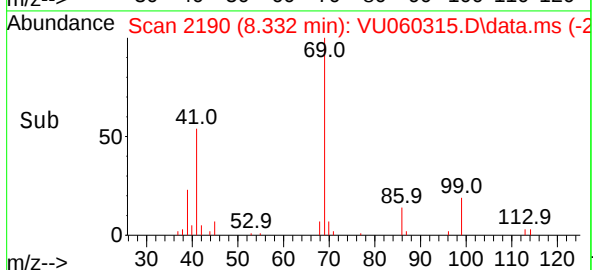
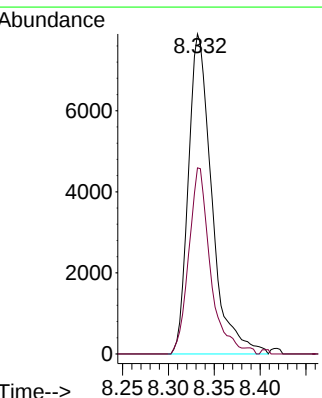
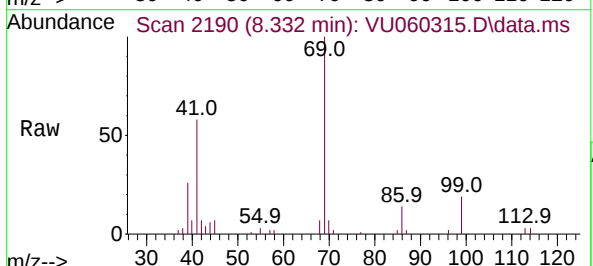
Acq: 05 Aug 2024 18:09

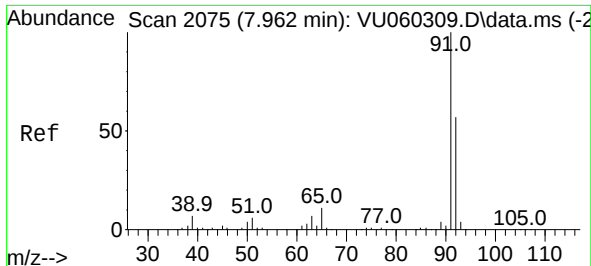
Tgt Ion: 69 Resp: 14035

Ion Ratio Lower Upper

69 100

41 53.9 27.5 82.5





#49

Toluene

Concen: 1.928 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

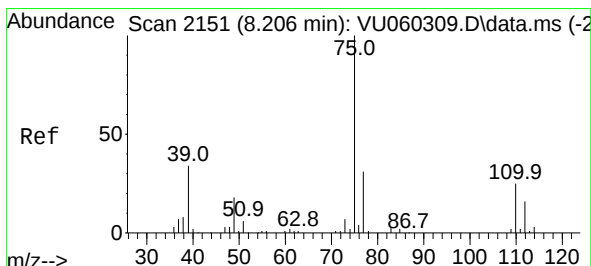
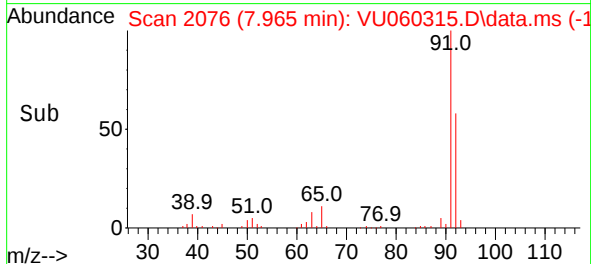
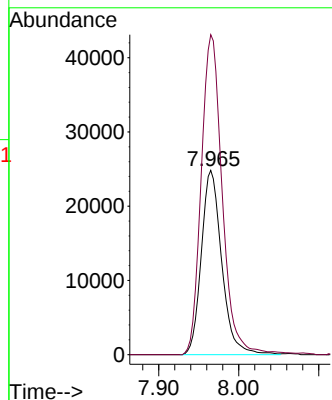
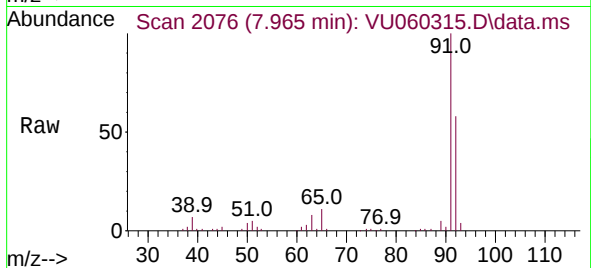
ClientSampleId :

Tgt Ion: 92 Resp: 44177

Ion Ratio Lower Upper

92 100

91 177.6 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 1.905 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060315.D

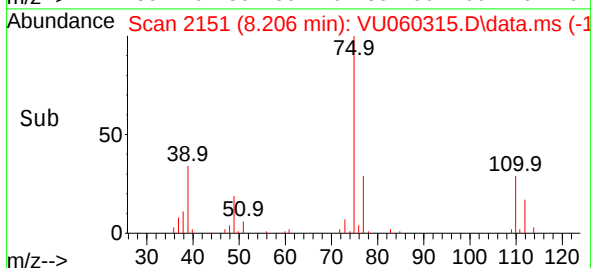
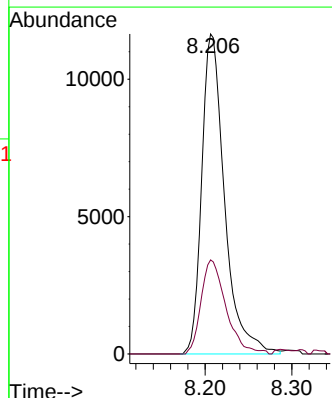
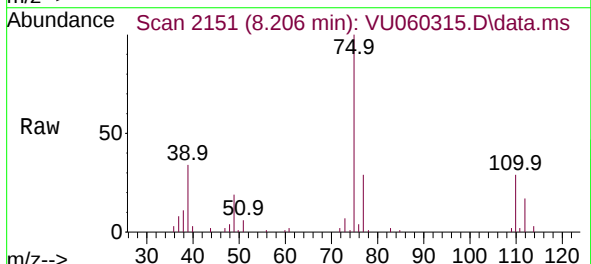
Acq: 05 Aug 2024 18:09

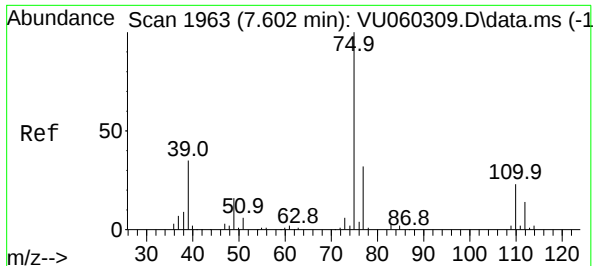
Tgt Ion: 75 Resp: 21355

Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0

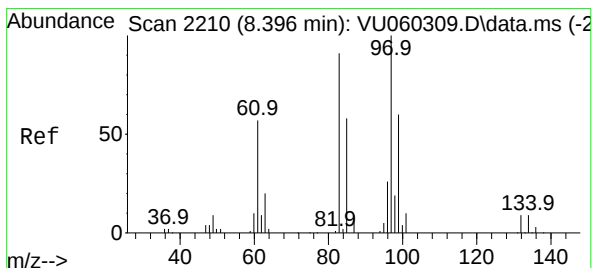
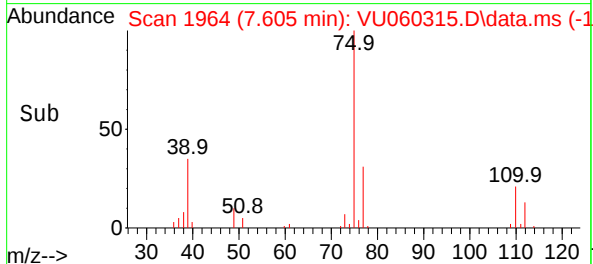
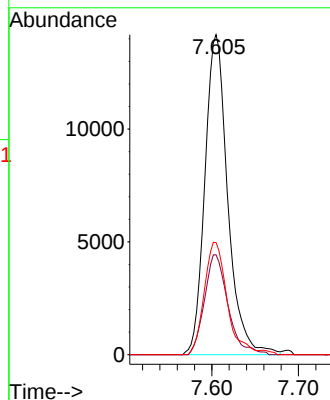
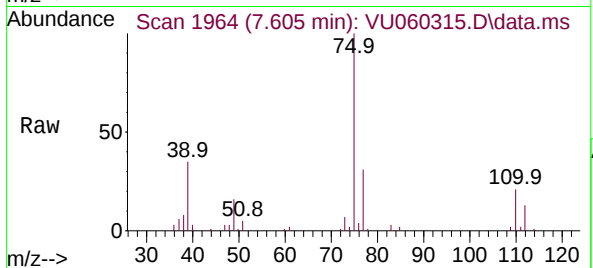




#51
 cis-1,3-Dichloropropene
 Concen: 1.931 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

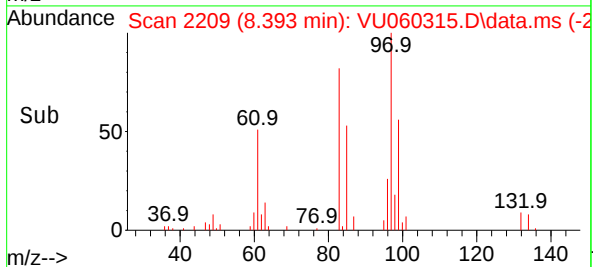
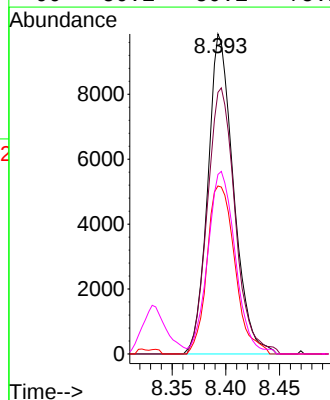
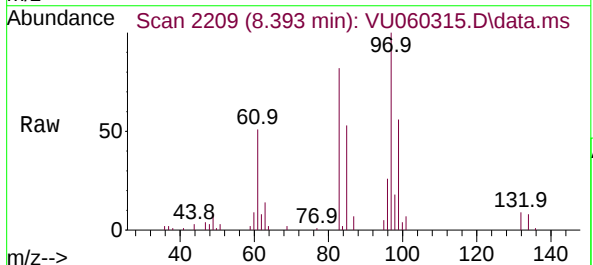
Instrument :
 MSVOA_U
 ClientSampleId :

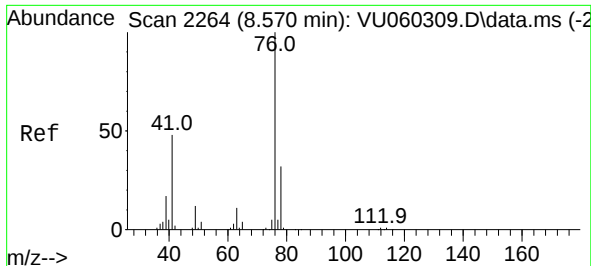
Tgt Ion: 75 Resp: 26035
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 35.0 28.0 42.0



#52
 1,1,2-Trichloroethane
 Concen: 1.983 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

Tgt Ion: 97 Resp: 16458
 Ion Ratio Lower Upper
 97 100
 83 81.7 73.0 109.4
 85 52.5 46.2 69.4
 99 56.1 50.1 75.1





#53

1,3-Dichloropropane

Concen: 1.929 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

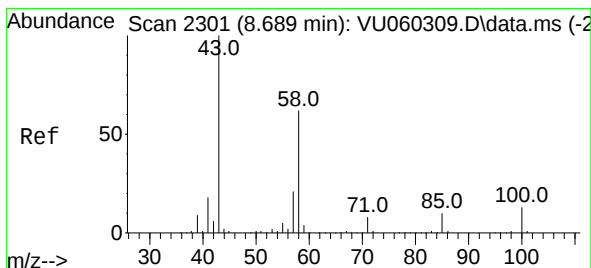
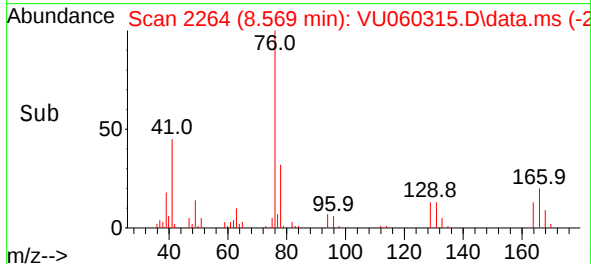
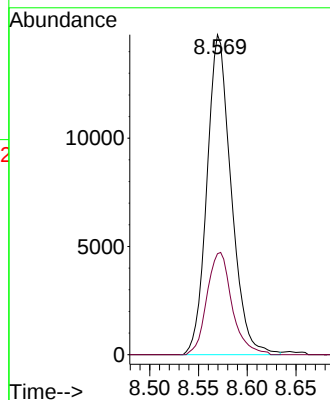
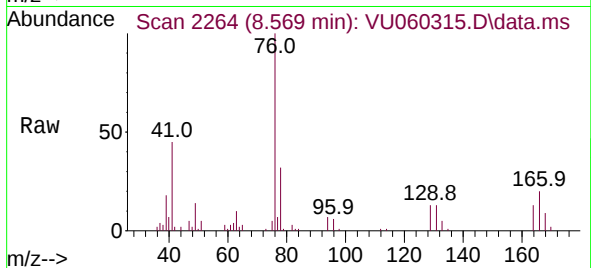
ClientSampleId :

Tgt Ion: 76 Resp: 25548

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#54

2-Hexanone

Concen: 7.570 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

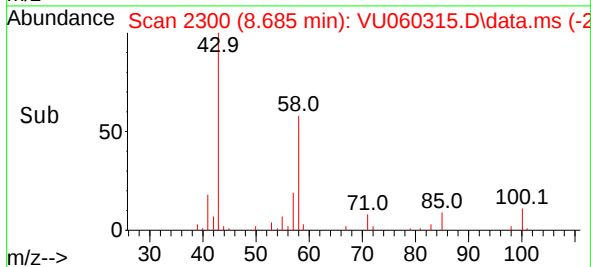
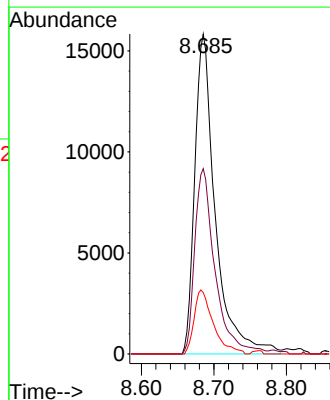
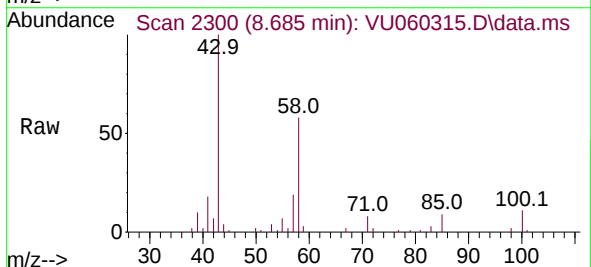
Tgt Ion: 43 Resp: 31150

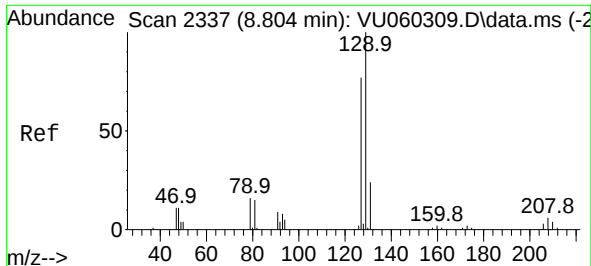
Ion Ratio Lower Upper

43 100

58 57.1 40.1 80.1

57 18.6 0.3 40.3





#55

Dibromochloromethane

Concen: 1.901 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

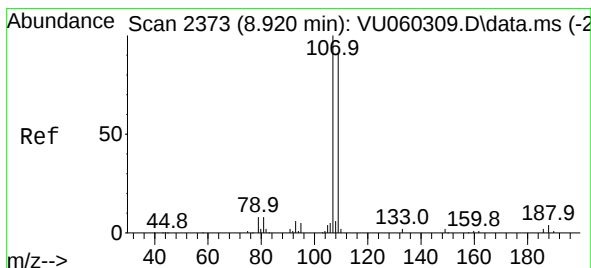
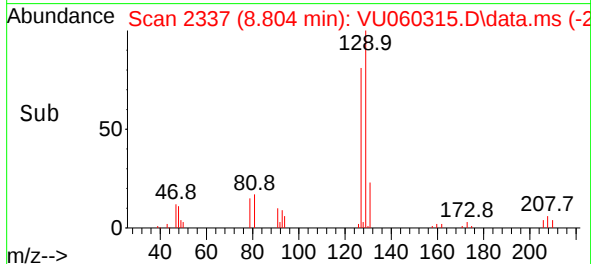
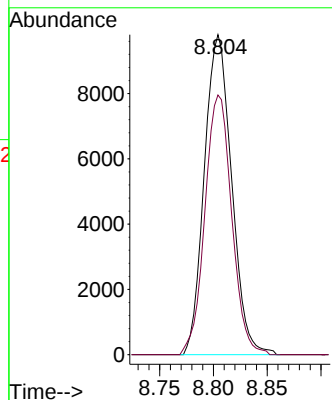
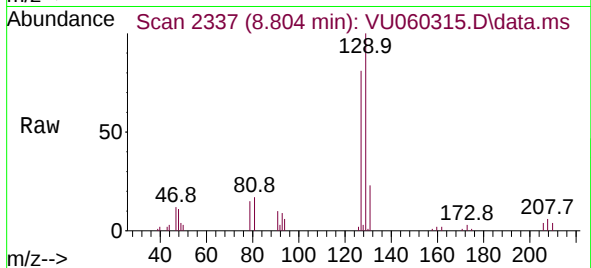
ClientSampleId :

Tgt Ion:129 Resp: 17304

Ion Ratio Lower Upper

129 100

127 79.8 61.6 92.4



#56

1,2-Dibromoethane

Concen: 1.833 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. -0.000 min

Lab File: VU060315.D

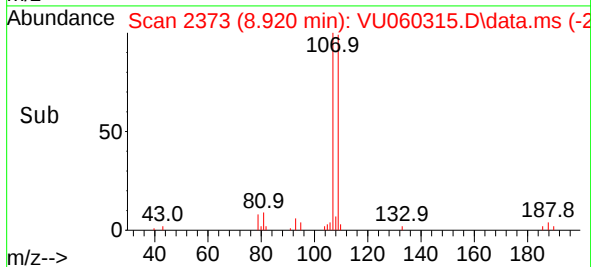
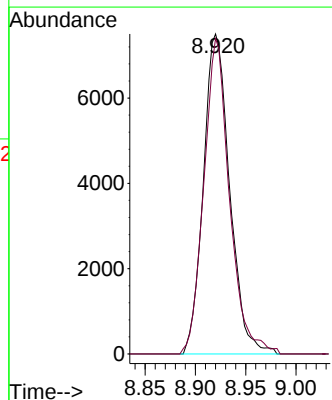
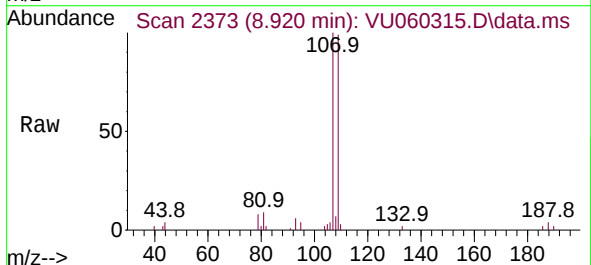
Acq: 05 Aug 2024 18:09

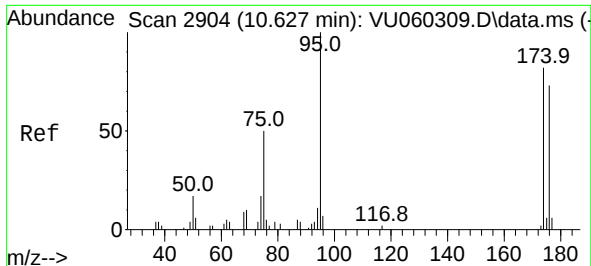
Tgt Ion:107 Resp: 13646

Ion Ratio Lower Upper

107 100

109 96.3 0.0 184.0

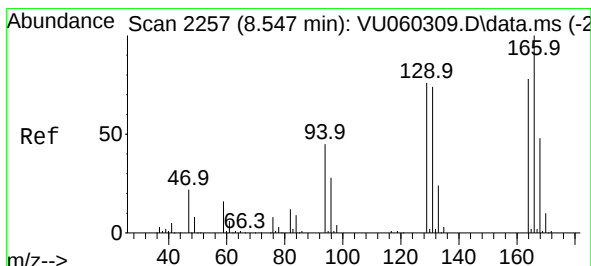
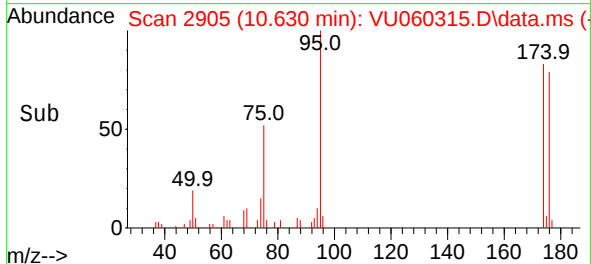
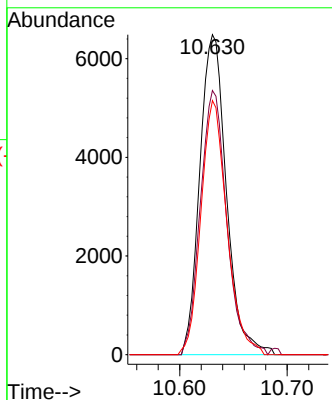
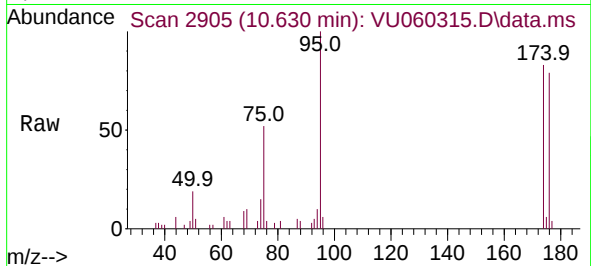




#57
4-Bromofluorobenzene
Concen: 0.981 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

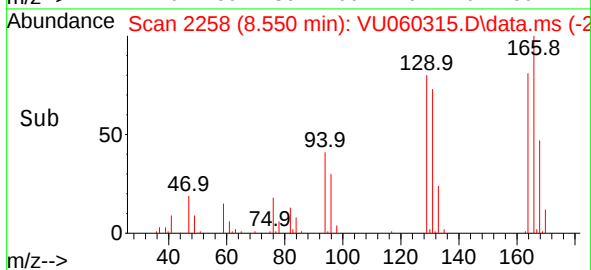
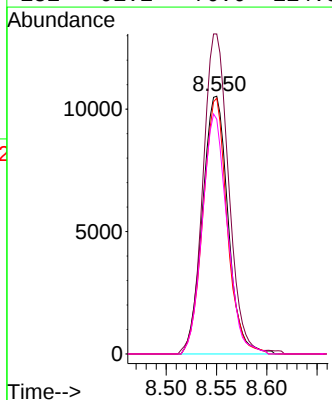
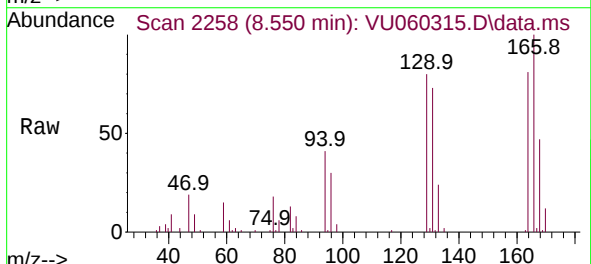
Instrument :
MSVOA_U
ClientSampleId :

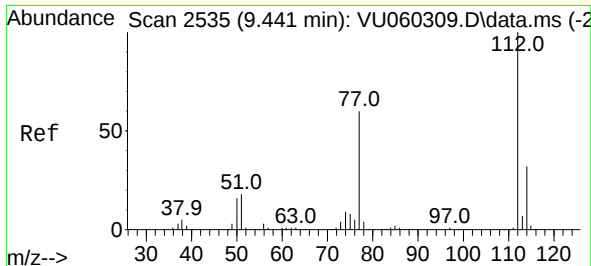
Tgt Ion: 95 Resp: 11177
Ion Ratio Lower Upper
95 100
174 81.6 65.6 98.4
176 77.4 60.4 90.6



#58
Tetrachloroethene
Concen: 2.034 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 164 Resp: 18594
Ion Ratio Lower Upper
164 100
166 124.1 102.9 154.3
129 99.2 78.0 117.0
131 91.1 76.6 114.8

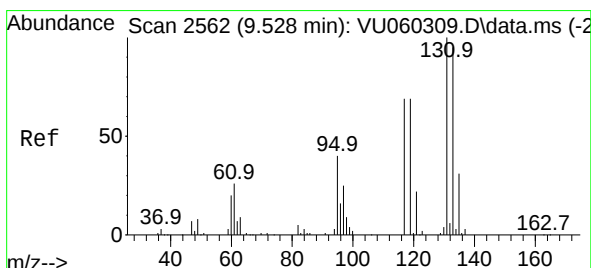
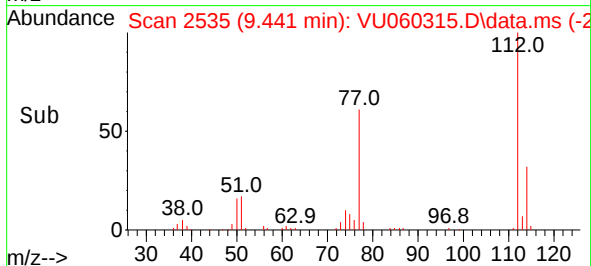
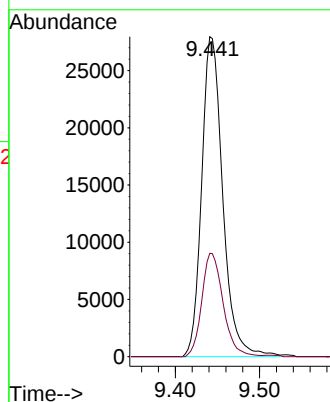
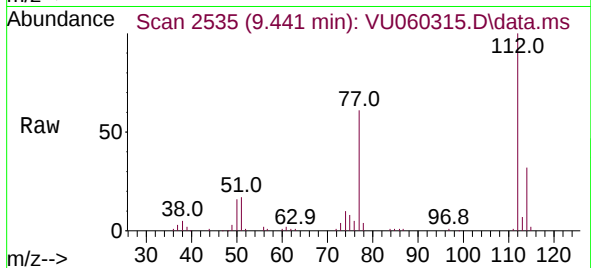




#59
Chlorobenzene
Concen: 1.964 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

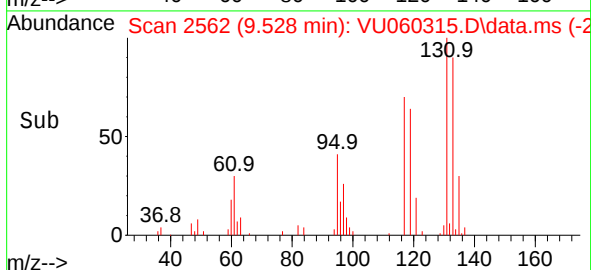
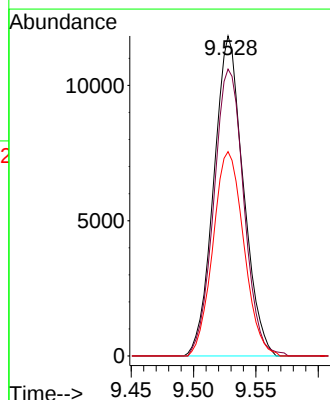
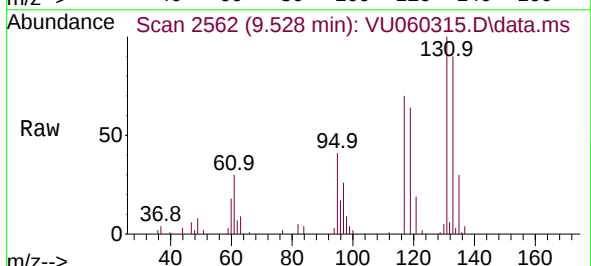
Instrument :
MSVOA_U
ClientSampleId :

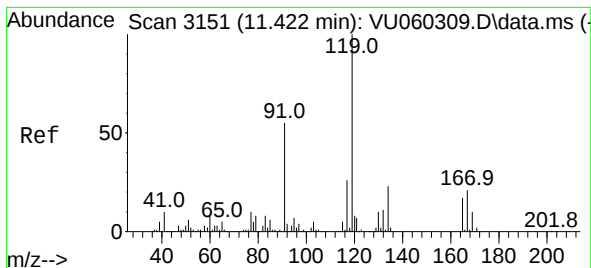
Tgt Ion:112 Resp: 48733
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#60
1,1,1,2-Tetrachloroethane
Concen: 1.996 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:131 Resp: 19507
Ion Ratio Lower Upper
131 100
133 91.0 77.2 115.8
119 66.6 55.4 83.2

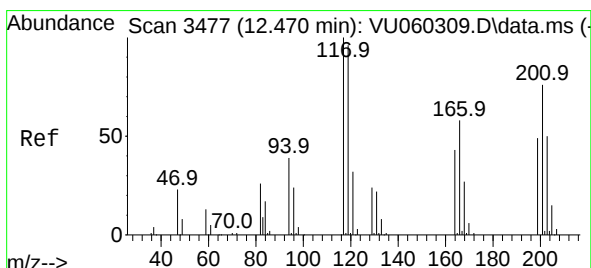
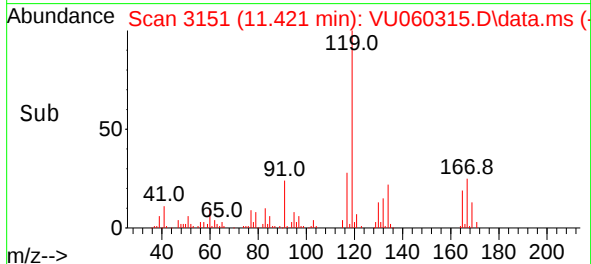
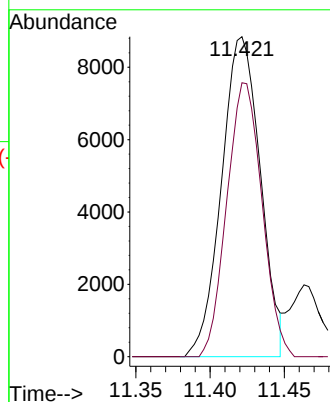
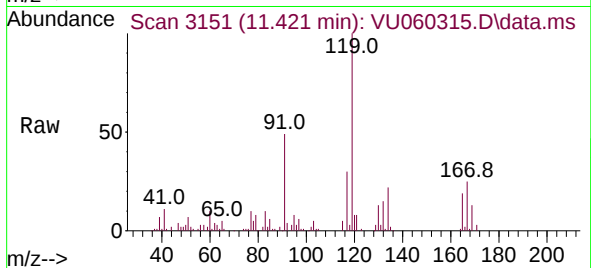




#61
Pentachloroethane
Concen: 1.929 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

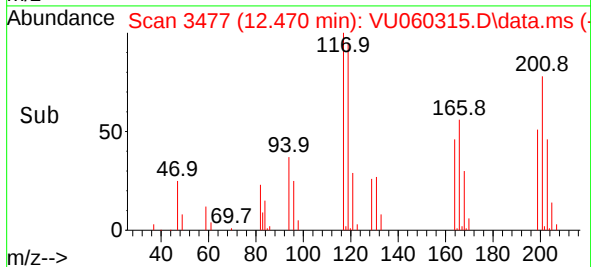
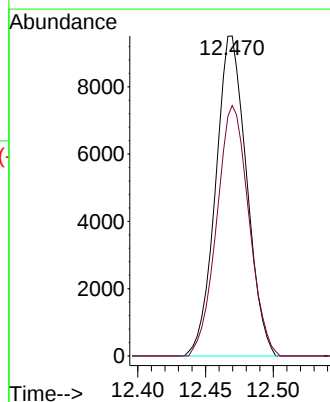
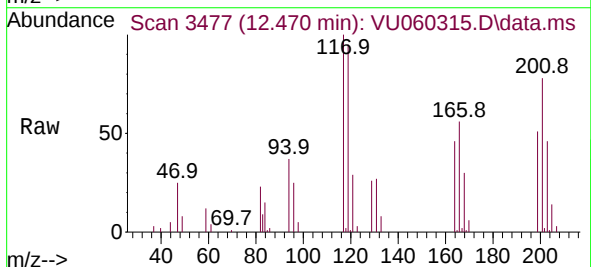
Instrument :
MSVOA_U
ClientSampleId :

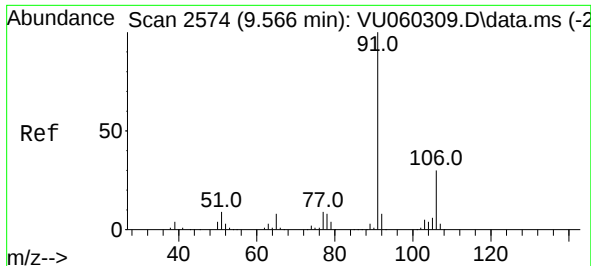
Tgt Ion:117 Resp: 16099
Ion Ratio Lower Upper
117 100
167 77.5 62.2 93.4



#62
Hexachloroethane
Concen: 1.874 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:117 Resp: 15119
Ion Ratio Lower Upper
117 100
201 81.2 62.7 94.1





#63

Ethyl Benzene

Concen: 1.881 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

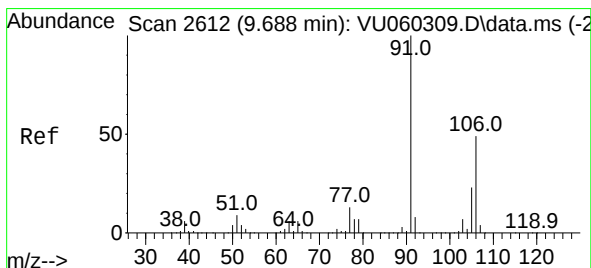
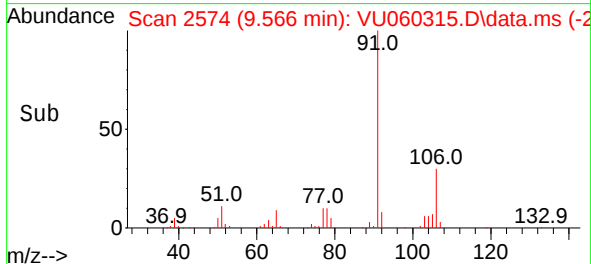
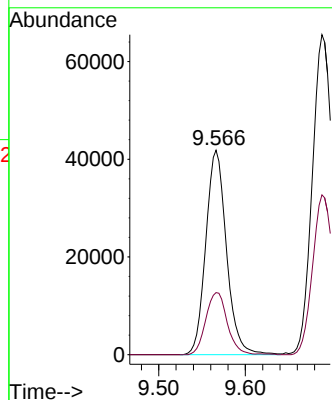
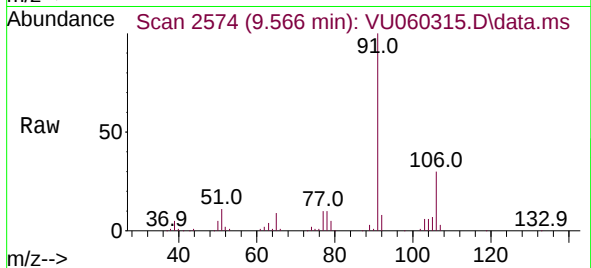
ClientSampleId :

Tgt Ion: 91 Resp: 69536

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#64

m/p-Xylenes

Concen: 3.727 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060315.D

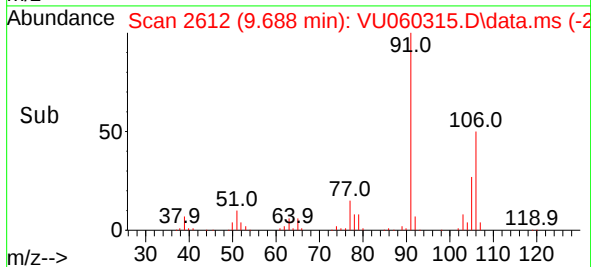
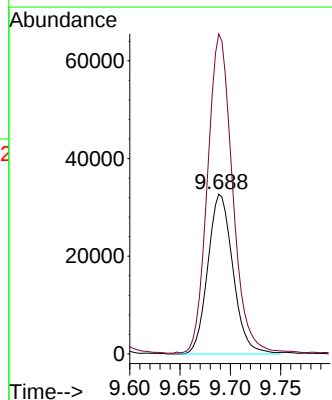
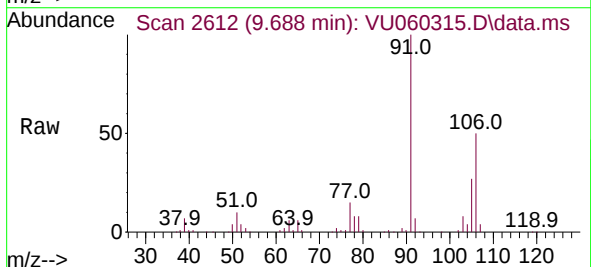
Acq: 05 Aug 2024 18:09

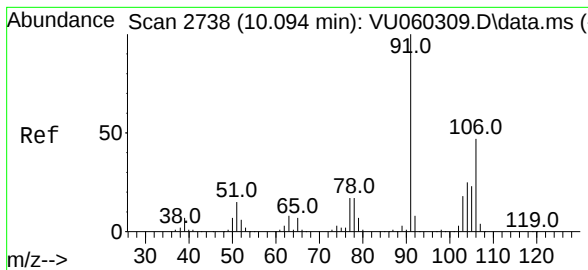
Tgt Ion: 106 Resp: 56842

Ion Ratio Lower Upper

106 100

91 199.7 165.0 247.4

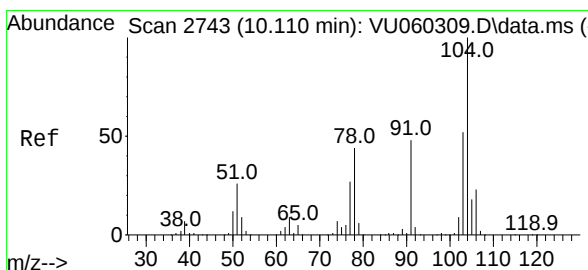
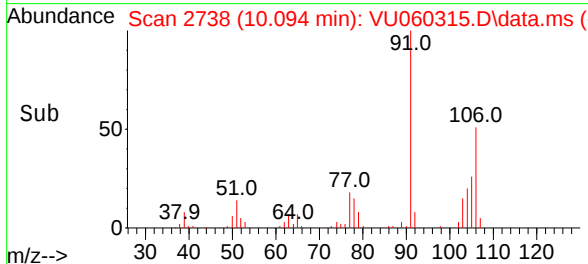
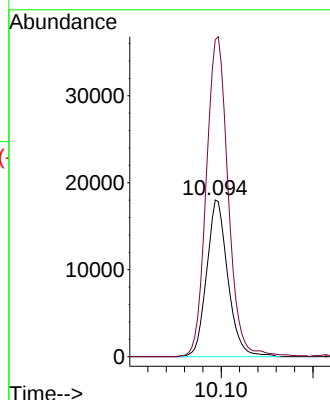
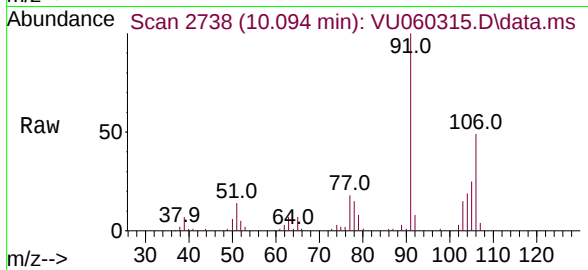




#65
o-Xylene
Concen: 1.968 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

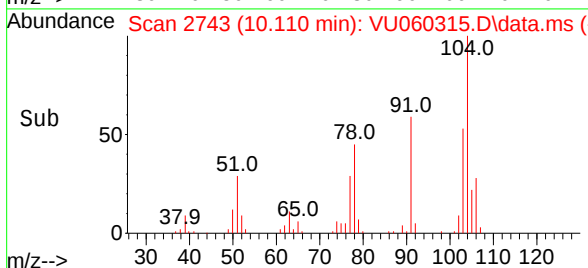
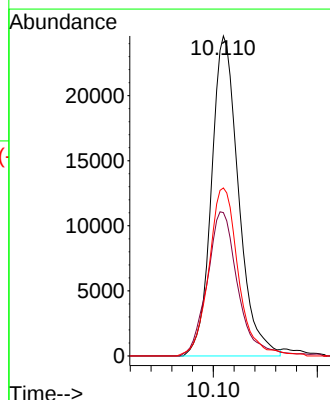
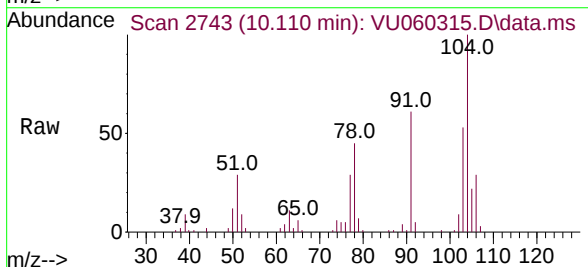
Instrument :
MSVOA_U
ClientSampleId :

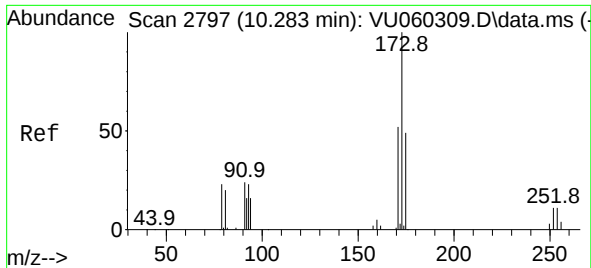
Tgt Ion:106 Resp: 28899
Ion Ratio Lower Upper
106 100
91 211.8 108.8 326.4



#66
Styrene
Concen: 1.834 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:104 Resp: 44489
Ion Ratio Lower Upper
104 100
78 51.1 39.0 58.6
103 57.3 45.0 67.6

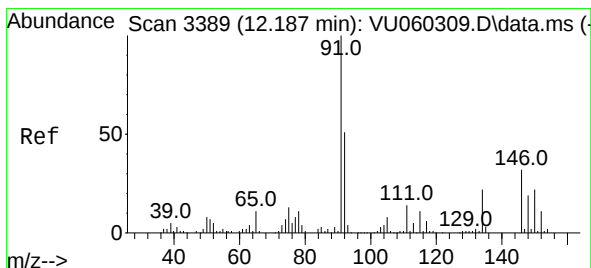
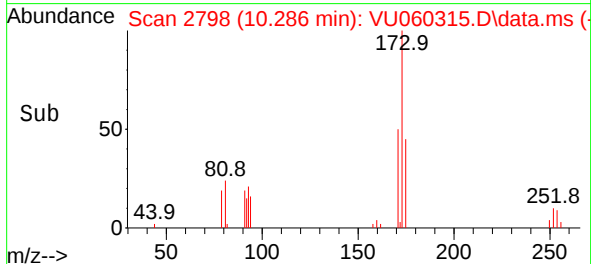
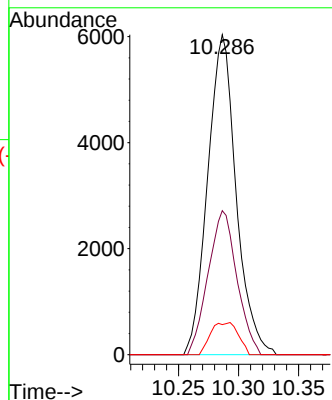
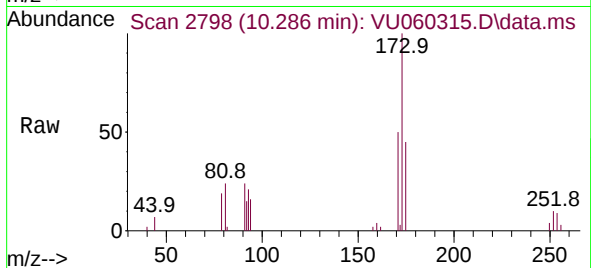




#67
Bromoform
Concen: 1.866 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

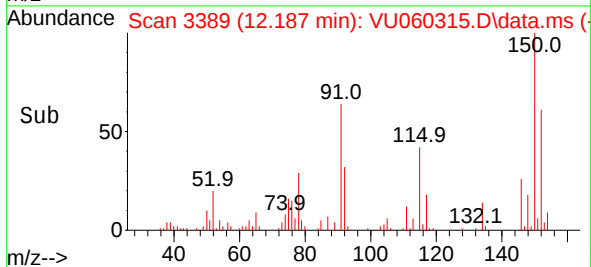
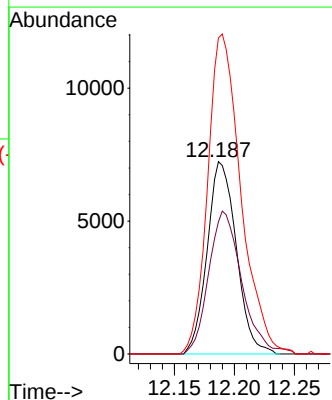
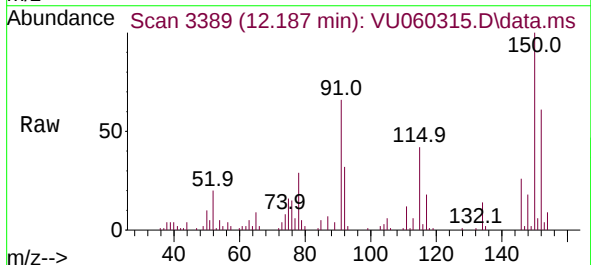
Instrument :
MSVOA_U
ClientSampleId :

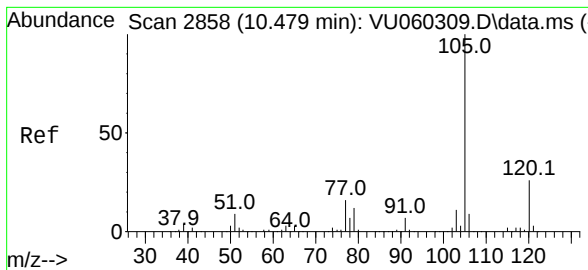
Tgt Ion:173 Resp: 9948
Ion Ratio Lower Upper
173 100
175 45.4 39.7 59.5
254 9.8 8.2 12.4



#68
1,2-Dichlorobenzene-d4
Concen: 0.988 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:152 Resp: 12230
Ion Ratio Lower Upper
152 100
115 84.3 0.0 325.2
150 189.5 0.0 684.2





#69

Isopropylbenzene

Concen: 1.919 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

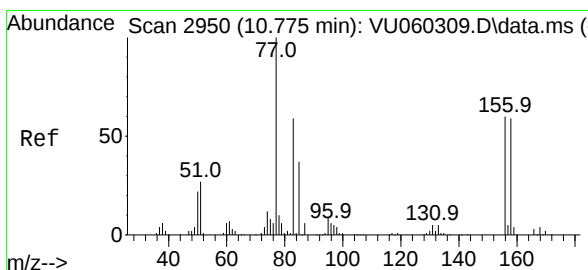
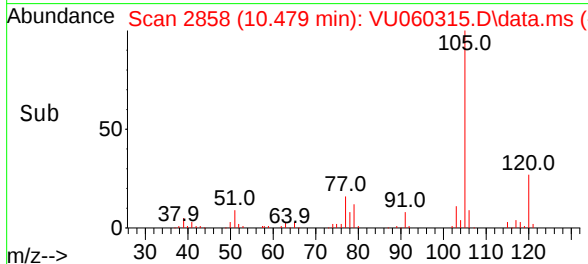
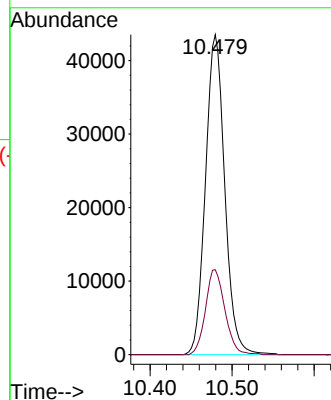
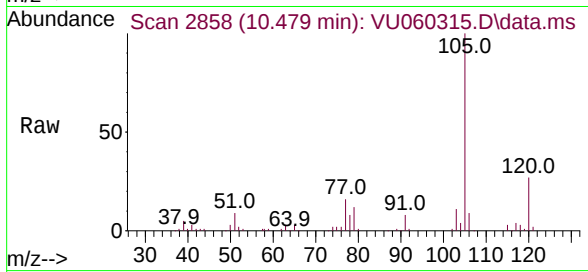
ClientSampleId :

Tgt Ion:105 Resp: 70906

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.846 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

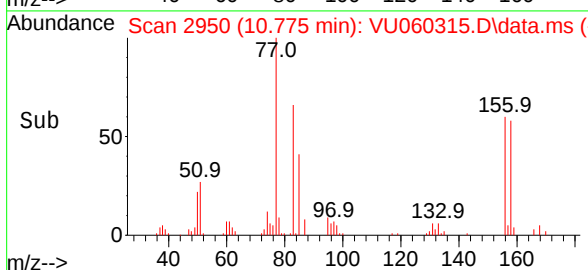
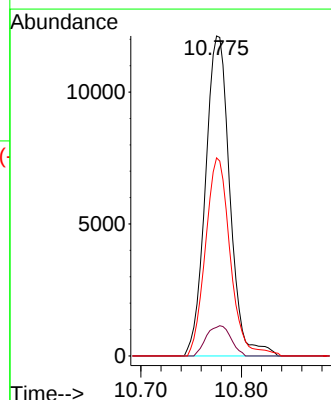
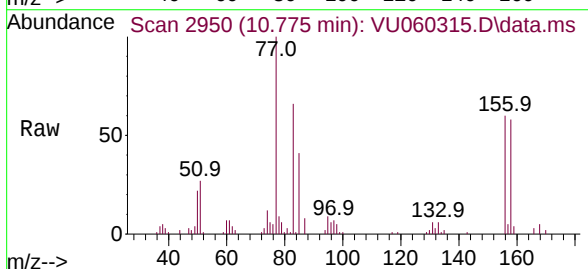
Tgt Ion: 83 Resp: 20394

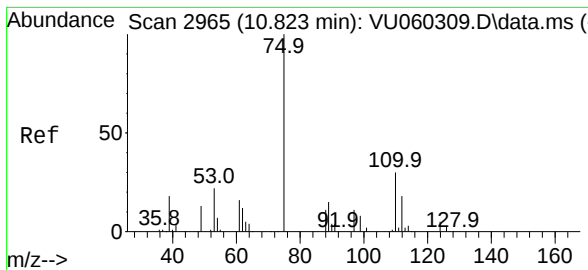
Ion Ratio Lower Upper

83 100

131 9.5 7.1 10.7

85 62.9 50.9 76.3





#71

1,2,3-Trichloropropane

Concen: 2.838 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.003 min

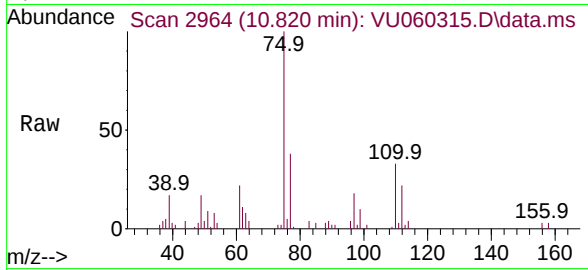
Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 23222

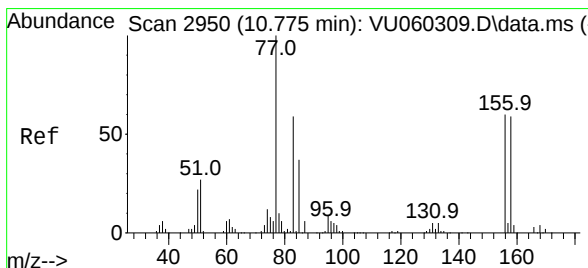
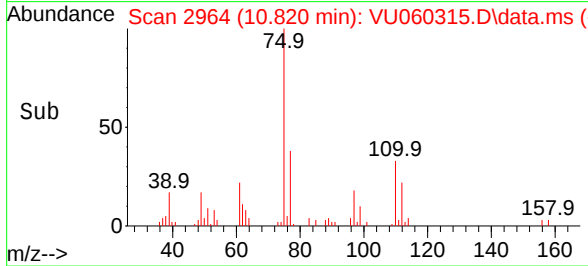
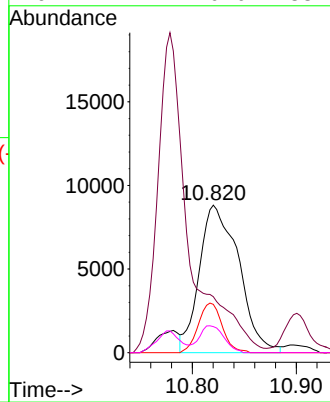
Ion Ratio Lower Upper

75 100

77 0.0 0.0 102.2

110 20.5 0.0 67.4

97 11.4 0.0 38.2



#72

Bromobenzene

Concen: 1.958 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

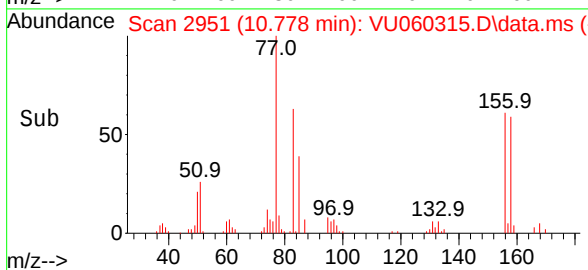
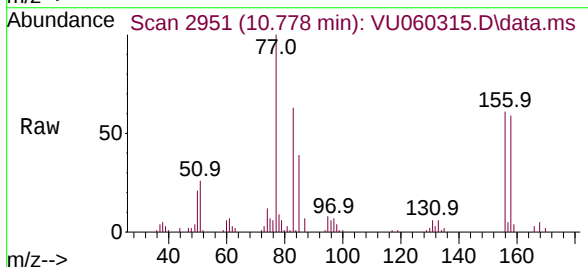
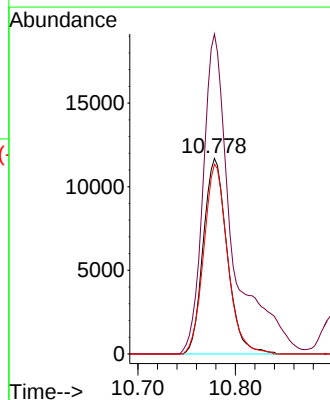
Tgt Ion: 156 Resp: 19942

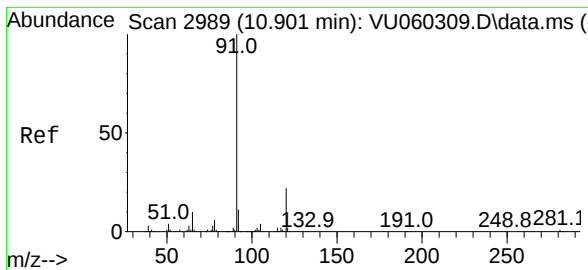
Ion Ratio Lower Upper

156 100

77 199.9 0.0 327.2

158 96.4 0.0 193.8

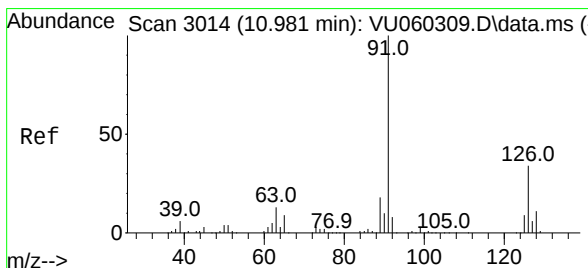
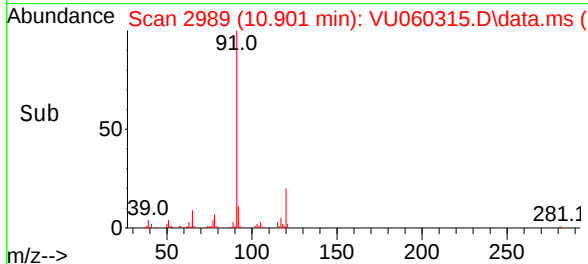
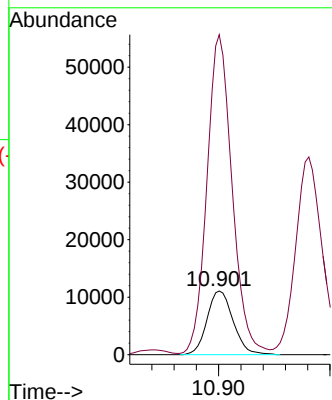
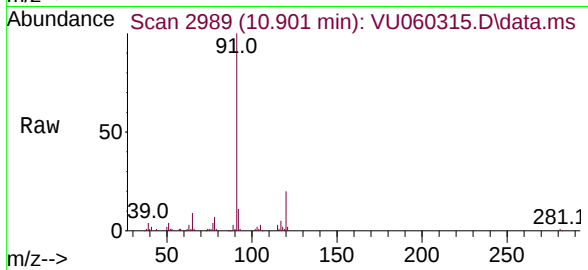




#73
n-propylbenzene
Concen: 1.766 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

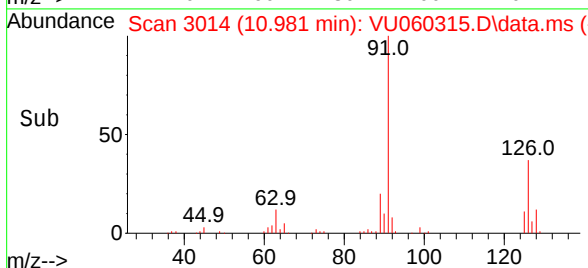
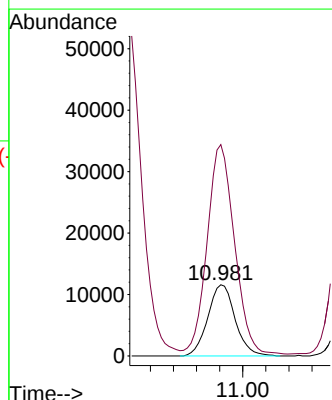
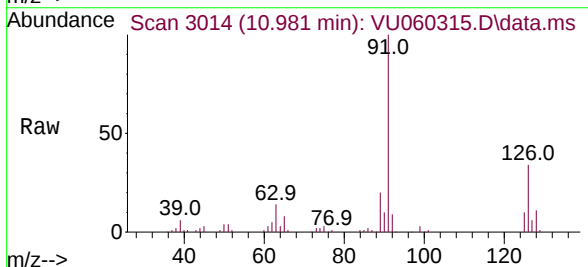
Instrument :
MSVOA_U
ClientSampleId :

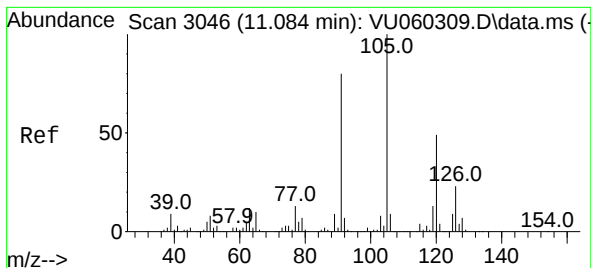
Tgt Ion:120 Resp: 18038
Ion Ratio Lower Upper
120 100
91 482.7 362.2 543.2



#74
2-Chlorotoluene
Concen: 1.868 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion:126 Resp: 19005
Ion Ratio Lower Upper
126 100
91 295.2 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 1.843 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

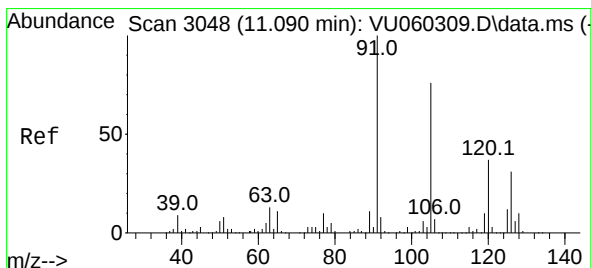
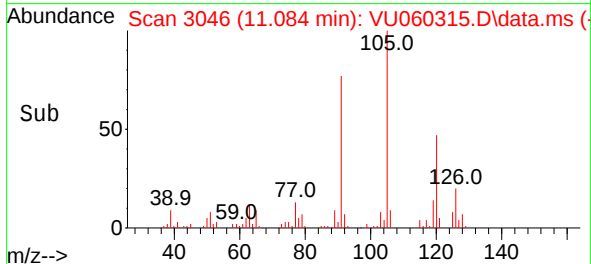
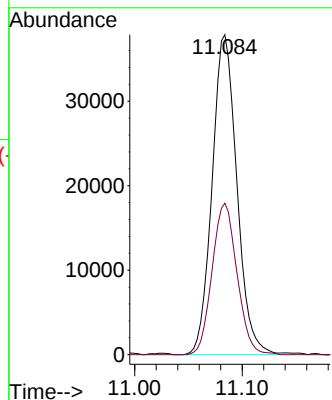
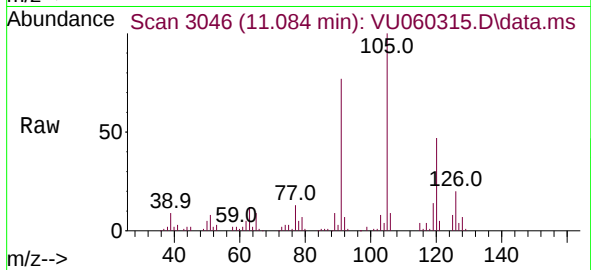
ClientSampleId :

Tgt Ion:105 Resp: 60593

Ion Ratio Lower Upper

105 100

120 47.5 38.6 57.8



#76

4-Chlorotoluene

Concen: 1.881 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU060315.D

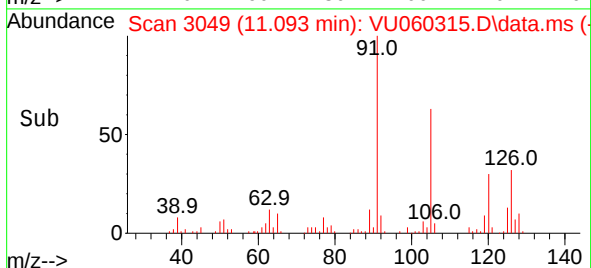
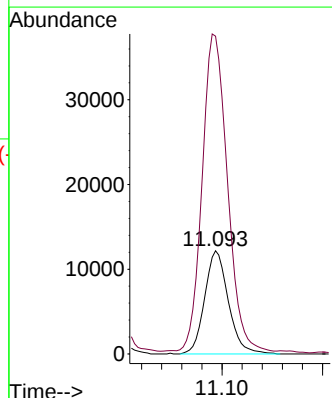
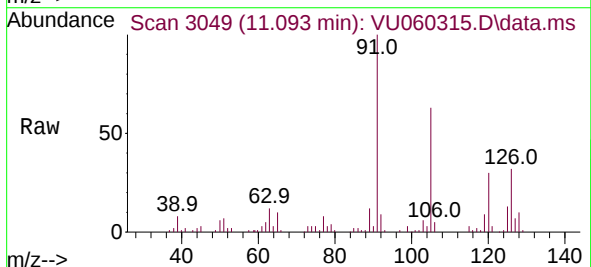
Acq: 05 Aug 2024 18:09

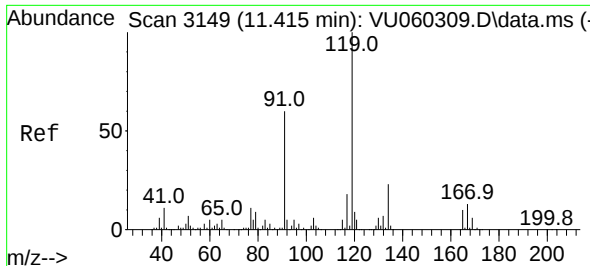
Tgt Ion:126 Resp: 19897

Ion Ratio Lower Upper

126 100

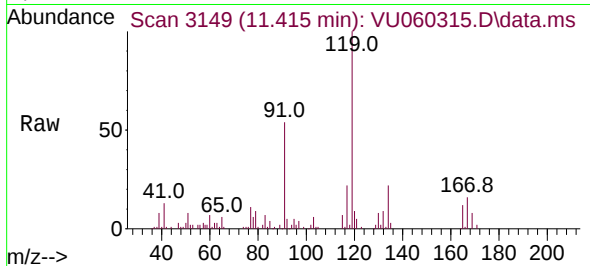
91 327.4 0.0 669.4



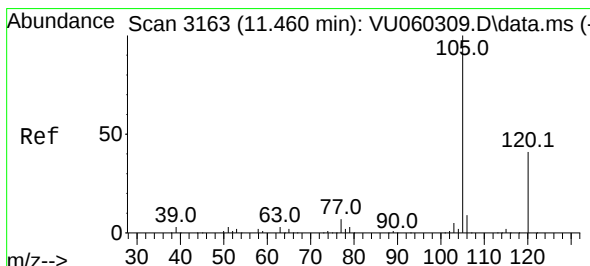
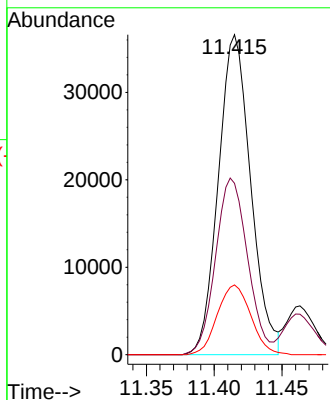
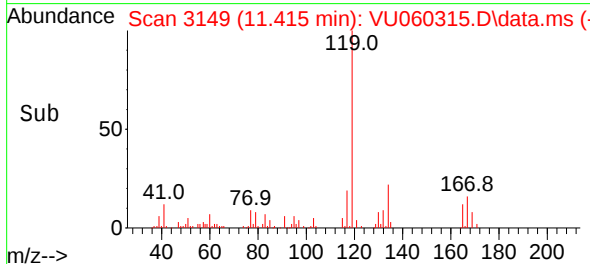


#77
tert-Butylbenzene
Concen: 1.920 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

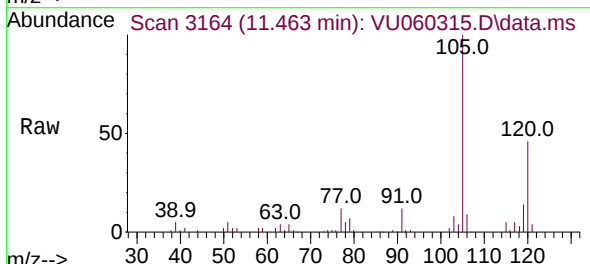
Instrument :
MSVOA_U
ClientSampleId :



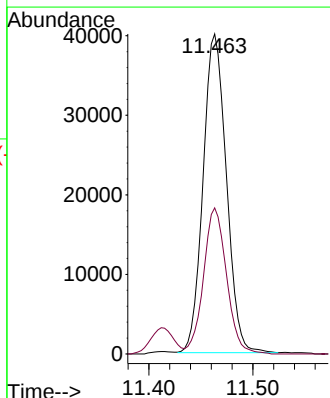
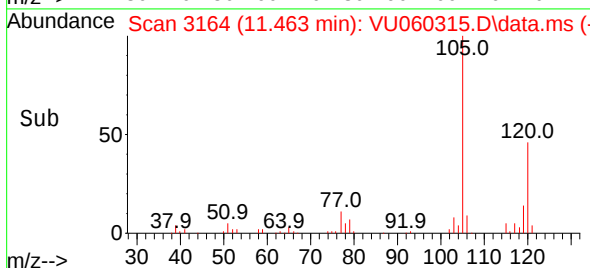
Tgt Ion:119 Resp: 60830
Ion Ratio Lower Upper
119 100
91 54.9 29.0 87.1
134 22.5 17.8 26.8

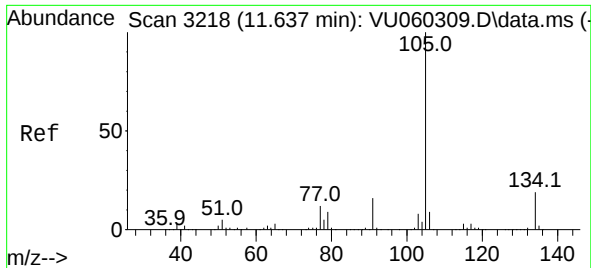


#78
1,2,4-Trimethylbenzene
Concen: 1.860 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09



Tgt Ion:105 Resp: 62395
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7

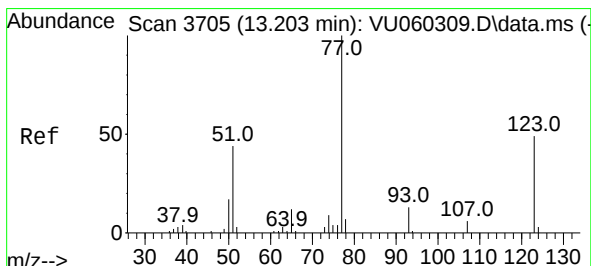
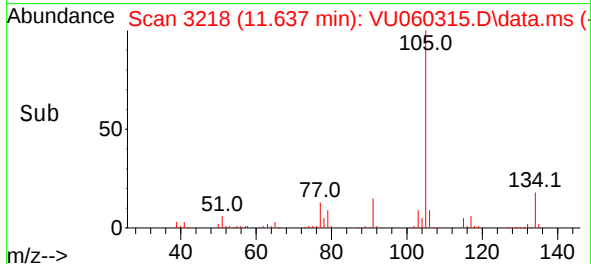
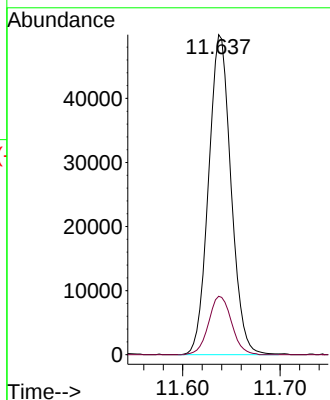
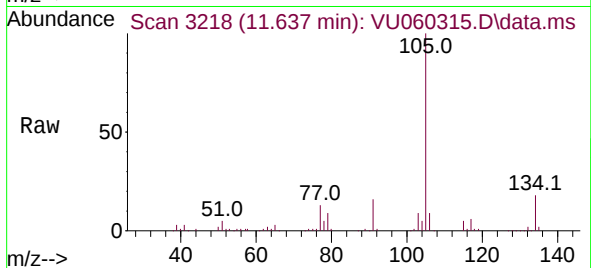




#79
 sec-Butylbenzene
 Concen: 1.863 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

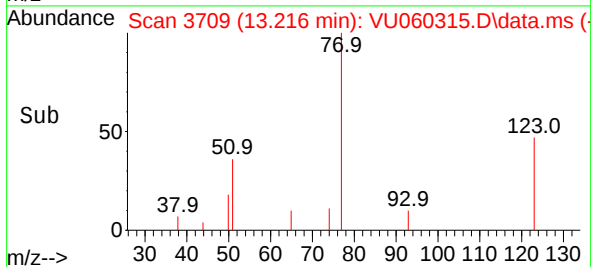
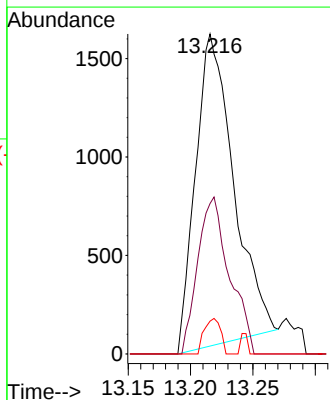
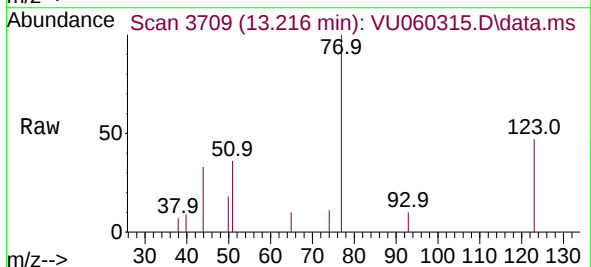
Instrument :
 MSVOA_U
 ClientSampleId :

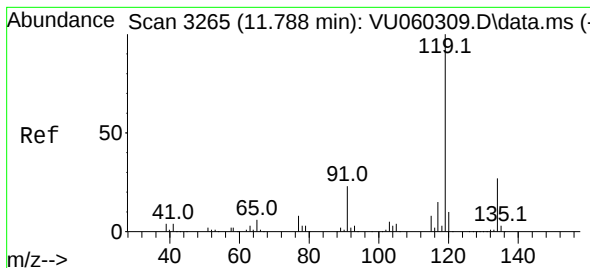
Tgt Ion:105 Resp: 79831
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.5 23.3



#80
 Nitrobenzene
 Concen: 6.911 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU060315.D
 Acq: 05 Aug 2024 18:09

Tgt Ion: 77 Resp: 3352
 Ion Ratio Lower Upper
 77 100
 123 42.1 19.6 69.6
 65 4.9 9.0 11.4#





#81

p-Isopropyltoluene

Concen: 1.822 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU060315.D

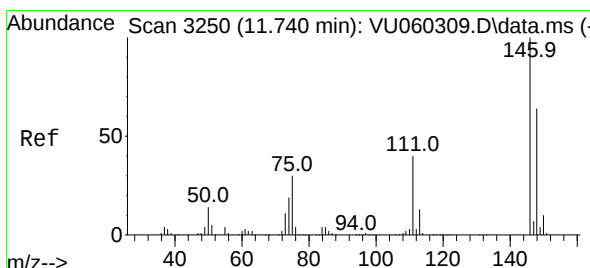
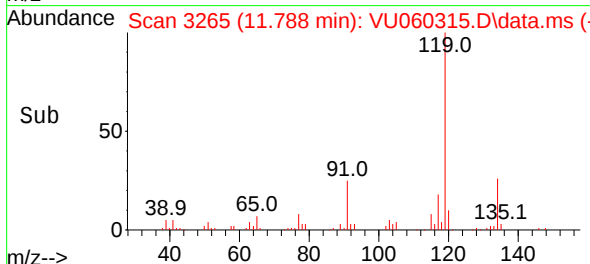
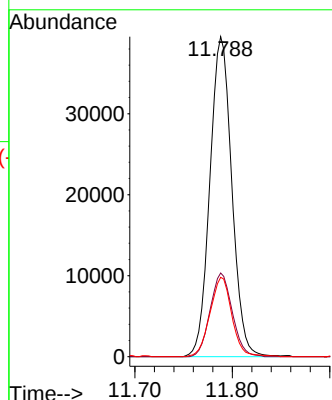
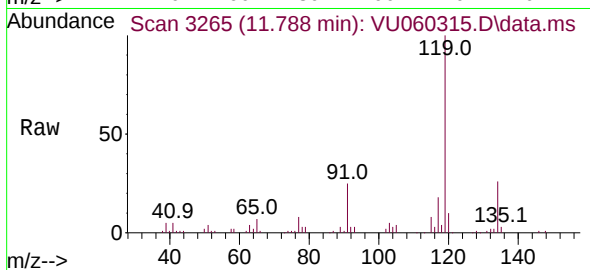
Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	61717
Ion Ratio	Lower	Upper	
119	100		
134	26.3	21.2	31.8
91	24.8	18.9	28.3



#82

1,3-Dichlorobenzene

Concen: 1.987 ug/l

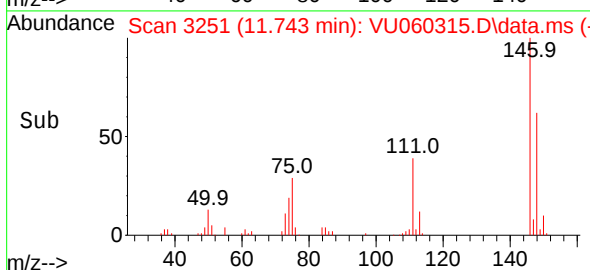
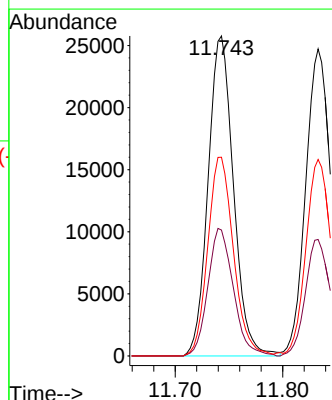
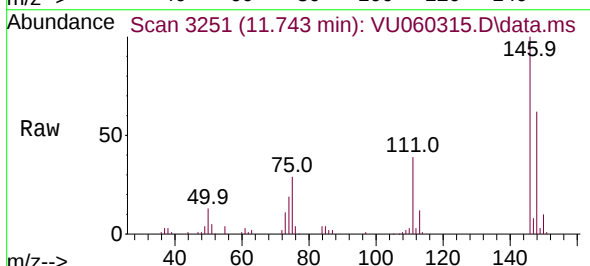
RT: 11.743 min Scan# 3251

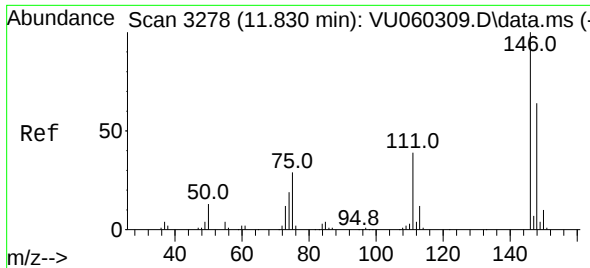
Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

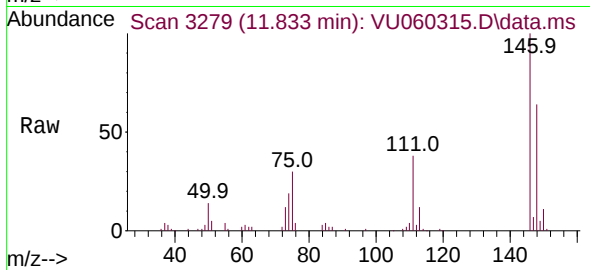
Tgt Ion:	146	Resp:	42235
Ion Ratio	Lower	Upper	
146	100		
111	40.0	32.0	48.0
148	63.0	51.4	77.0



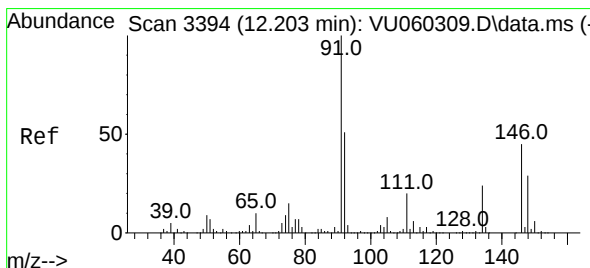
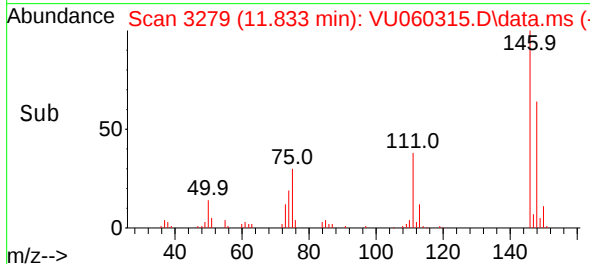
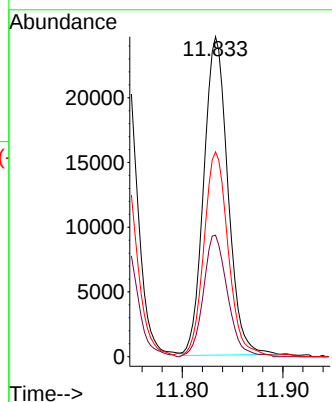


#83
1,4-Dichlorobenzene
Concen: 1.941 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Instrument :
MSVOA_U
ClientSampleId :

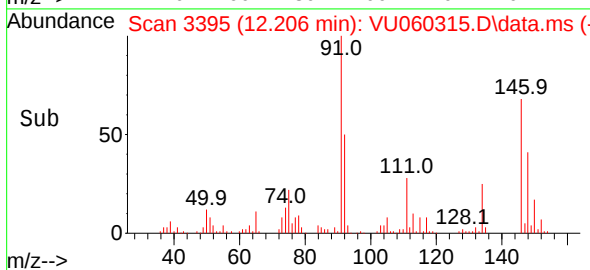
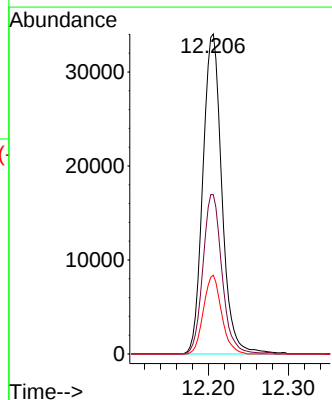
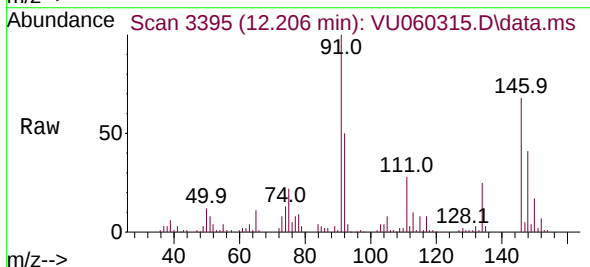


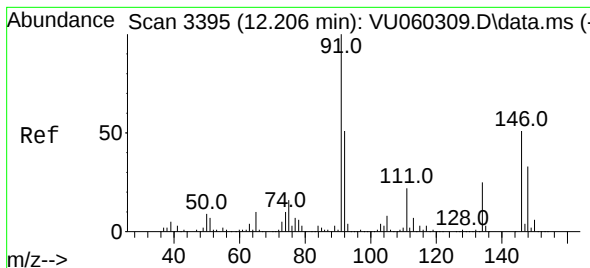
Tgt Ion:146 Resp: 40947
Ion Ratio Lower Upper
146 100
111 38.1 30.9 46.3
148 63.9 51.8 77.6



#84
n-Butylbenzene
Concen: 1.740 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060315.D
Acq: 05 Aug 2024 18:09

Tgt Ion: 91 Resp: 56406
Ion Ratio Lower Upper
91 100
92 49.9 41.0 61.6
134 23.3 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 1.932 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060315.D

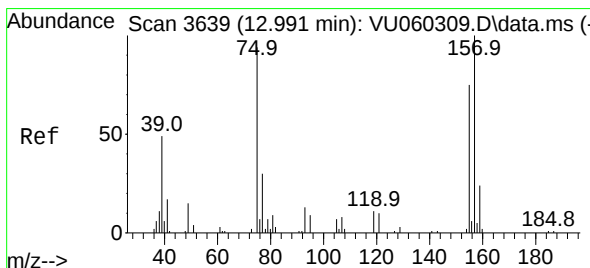
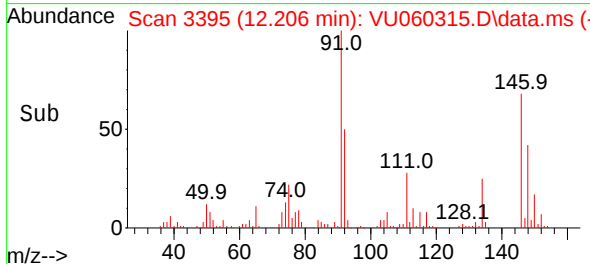
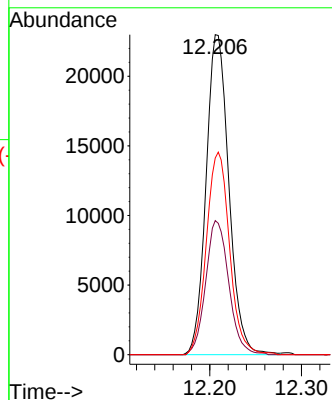
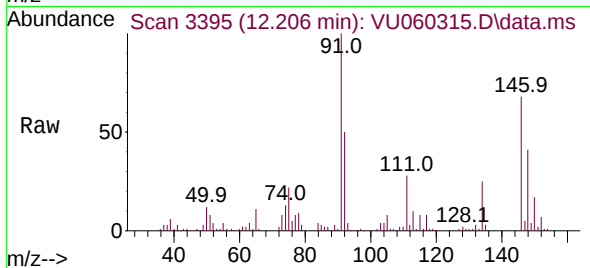
Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	39721
Ion	Ratio	Lower Upper
146	100	
111	42.4	21.3 63.7
148	64.6	32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.761 ug/l

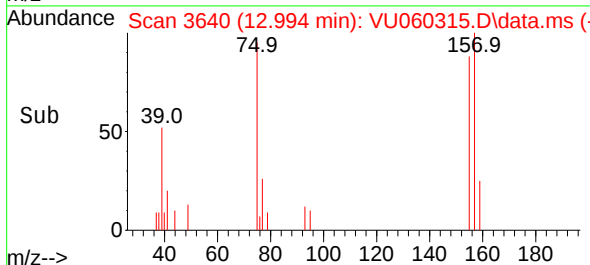
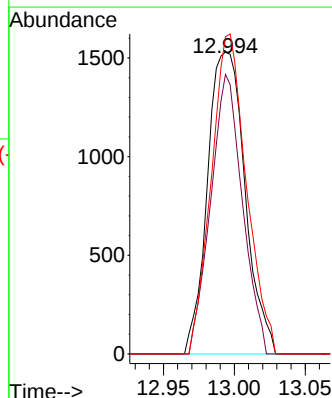
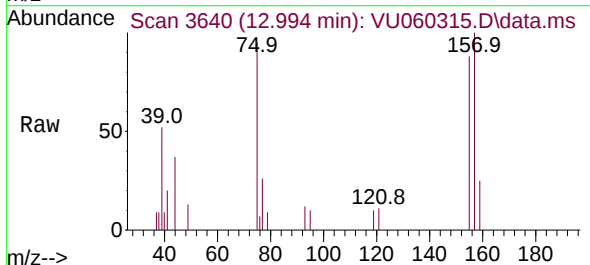
RT: 12.994 min Scan# 3640

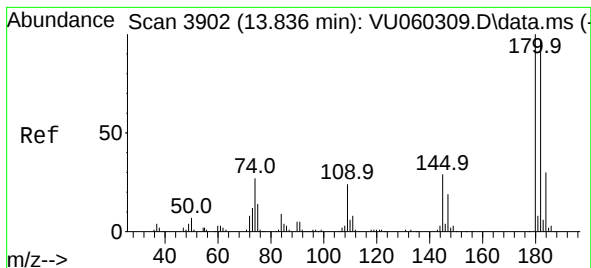
Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Tgt Ion: 75	Resp:	2820
Ion	Ratio	Lower Upper
75	100	
155	78.2	66.1 99.1
157	98.9	85.0 127.4





#87

1,2,4-Trichlorobenzene

Concen: 1.712 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

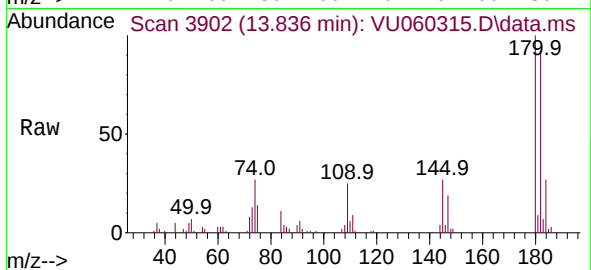
Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :



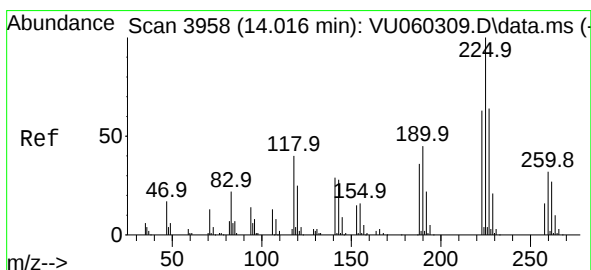
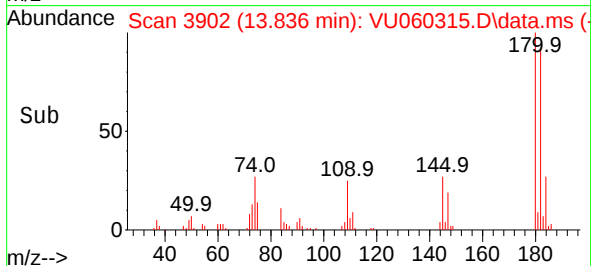
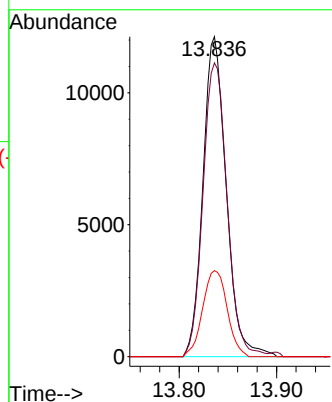
Tgt Ion:180 Resp: 20122

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 28.3 23.4 35.0



#88

Hexachlorobutadiene

Concen: 1.737 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

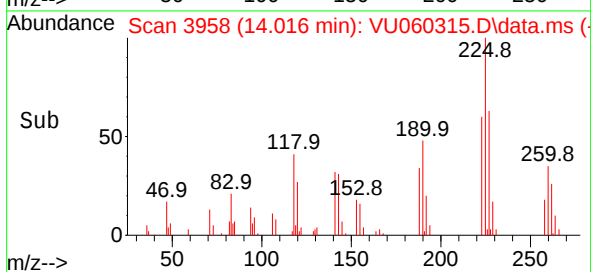
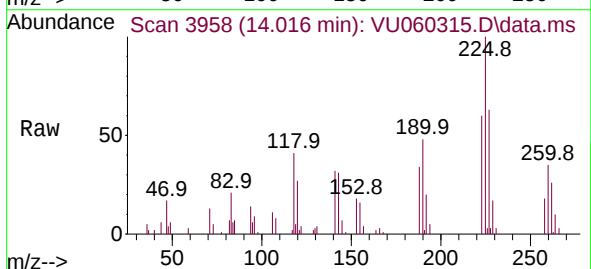
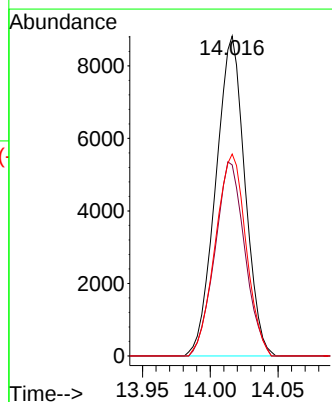
Tgt Ion:225 Resp: 13204

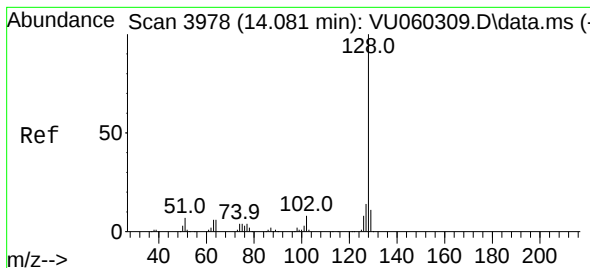
Ion Ratio Lower Upper

225 100

223 62.2 50.8 76.2

227 66.3 50.8 76.2





#89

Naphthalene

Concen: 1.629 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060315.D

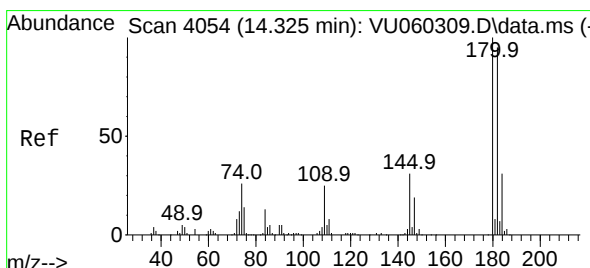
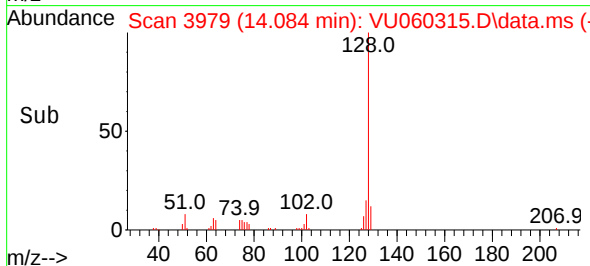
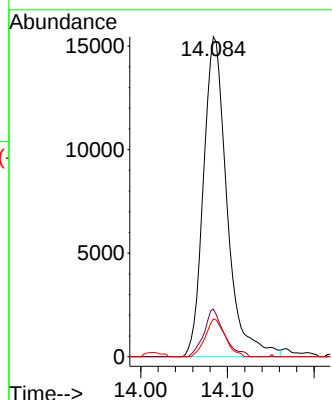
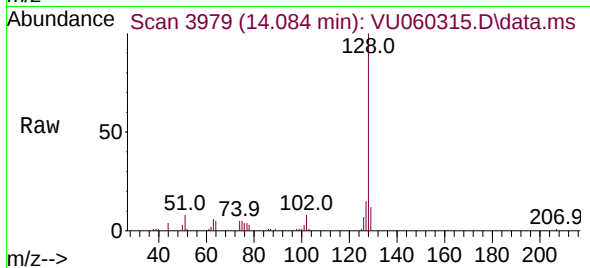
Acq: 05 Aug 2024 18:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	29150
Ion Ratio	Lower	Upper
128	100	
127	12.7	11.0 16.4
129	9.9	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 1.646 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060315.D

Acq: 05 Aug 2024 18:09

Tgt Ion:180	Resp:	18897
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.1 114.1
145	30.3	25.0 37.6

