

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060317.D
 Acq On : 06 Aug 2024 12:37
 Operator : MD/SY
 Sample : VU0806WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 06:58:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	35722	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12438	1.022	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13339	1.009	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	24510	1.784	ug/l	99
3) Chloromethane	1.518	50	27684	1.762	ug/l	97
4) Vinyl Chloride	1.599	62	29654	1.888	ug/l	99
5) Bromomethane	1.853	94	20034	2.076	ug/l	98
6) Chloroethane	1.930	64	18266	1.922	ug/l	100
7) Trichlorofluoromethane	2.132	101	34021	1.796	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	18600	1.804	ug/l	98
9) 1,1-Dichloroethene	2.573	96	19162	1.794	ug/l	95
10) Iodomethane	2.714	142	29768	1.880	ug/l	96
11) Allyl Chloride	2.917	41	23022	1.572	ug/l	99
12) Acrylonitrile	3.341	53	6459	2.315	ug/l	# 86
13) Acetone	2.656	43	20736	6.118	ug/l	100
14) Carbon Disulfide	2.788	76	64806	1.790	ug/l	99
15) Methylene Chloride	3.039	84	24341	1.821	ug/l	93
16) trans-1,2-Dichloroethene	3.348	96	20596	1.800	ug/l	95
17) 1,1-Dichloroethane	3.862	63	38529	1.751	ug/l	98
18) 2-Butanone	4.727	43	26300	6.717	ug/l	99
19) Cyclohexane	5.380	56	25091	1.323	ug/l	89
20) Methylcyclohexane	6.756	83	26067	1.732	ug/l	98
21) 2,2-Dichloropropane	4.656	77	28672	1.673	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	21624	1.764	ug/l	97
23) Diethyl Ether	2.374	59	16519	1.903	ug/l	99
24) tert-Butyl Alcohol	3.242	59	4441	4.096	ug/l	# 95
25) Methyl tert-Butyl Ether	3.357	73	40380	1.540	ug/l	99
26) Bromochloromethane	4.968	128	10036	1.933	ug/l	94
27) Chloroform	5.081	83	40679	1.890	ug/l	96
28) 1,1,1-Trichloroethane	5.309	97	32717	1.830	ug/l	98
29) 1,1-Dichloropropene	5.521	75	25763	1.798	ug/l	98
30) Carbon Tetrachloride	5.518	117	28181	1.934	ug/l	98
31) Isopropyl Ether	3.988	45	45466	1.414	ug/l	92
32) Ethyl-t-butyl ether	4.496	59	43564	1.401	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	40548	1.838	ug/l	98
34) Propionitrile	4.811	54	3087	2.759	ug/l	# 84
35) Benzene	5.769	78	85621	1.939	ug/l	100
36) 1,2-Dichloroethane	5.791	62	23732	1.934	ug/l	100
37) Trichloroethene	6.537	130	21892	2.003	ug/l	94
38) 1,2-Dichloropropane	6.785	63	23283	1.949	ug/l	99
39) Methacrylonitrile	4.984	41	4388	1.083	ug/l	# 88
40) Methyl acrylate	4.862	55	7087	0.999	ug/l	# 77
41) Tetrahydrofuran	5.068	42	4862	2.205	ug/l	93
42) 1-Chlorobutane	5.454	56	34394	1.741	ug/l	98
43) Dibromomethane	6.917	93	11726	1.941	ug/l	97
44) Bromodichloromethane	7.100	83	28445	1.961	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	51599	9.095	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	26512	8.339	ug/l #	56
47) Methyl methacrylate	6.962	69	18733	3.821	ug/l	97
48) Ethyl methacrylate	8.331	69	15483	1.860	ug/l	98
49) Toluene	7.965	92	47402	1.936	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	22325	1.864	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	28189	1.957	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	17236	1.943	ug/l	96
53) 1,3-Dichloropropane	8.569	76	27603	1.950	ug/l	99
54) 2-Hexanone	8.682	43	37897	8.618	ug/l	95
55) Dibromochloromethane	8.804	129	18948	1.948	ug/l	99
56) 1,2-Dibromoethane	8.920	107	15343	1.929	ug/l	98
58) Tetrachloroethene	8.547	164	19813	2.028	ug/l	98
59) Chlorobenzene	9.444	112	53839	2.031	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	20322	1.946	ug/l	99
61) Pentachloroethane	11.421	117	16661	1.868	ug/l	99
62) Hexachloroethane	12.470	117	15895	1.844	ug/l	98
63) Ethyl Benzene	9.566	91	77331	1.936	ug/l	100
64) m/p-Xylenes	9.688	106	62027	3.787	ug/l	94
65) o-Xylene	10.093	106	29355	1.892	ug/l	98
66) Styrene	10.110	104	49305	1.884	ug/l	99
67) Bromoform	10.286	173	10978	1.927	ug/l	99
69) Isopropylbenzene	10.479	105	76819	1.939	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	22429	1.900	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	26512	3.033	ug/l #	53
72) Bromobenzene	10.778	156	21388	1.965	ug/l	97
73) n-propylbenzene	10.901	120	21145	1.890	ug/l	99
74) 2-Chlorotoluene	10.981	126	20554	1.886	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	66351	1.877	ug/l	100
76) 4-Chlorotoluene	11.093	126	21994	1.935	ug/l	94
77) tert-Butylbenzene	11.415	119	64892	1.917	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	67077	1.868	ug/l	97
79) sec-Butylbenzene	11.637	105	87124	1.893	ug/l	99
80) Nitrobenzene	13.216	77	3477	6.709	ug/l #	87
81) p-Isopropyltoluene	11.788	119	68497	1.872	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	44694	1.968	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	44720	1.984	ug/l	99
84) n-Butylbenzene	12.203	91	64582	1.833	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	43419	1.977	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.994	75	3086	1.803	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	23100	1.839	ug/l	99
88) Hexachlorobutadiene	14.016	225	14950	1.840	ug/l	99
89) Naphthalene	14.084	128	34568	1.555	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	22089	1.801	ug/l	99

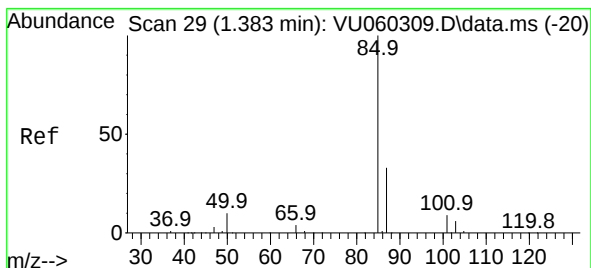
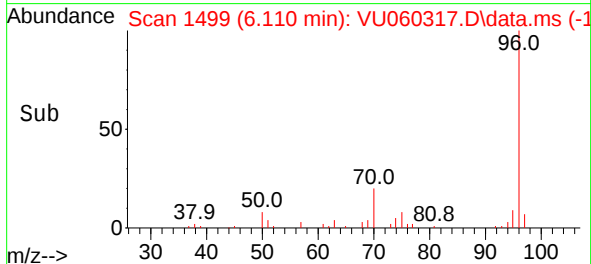
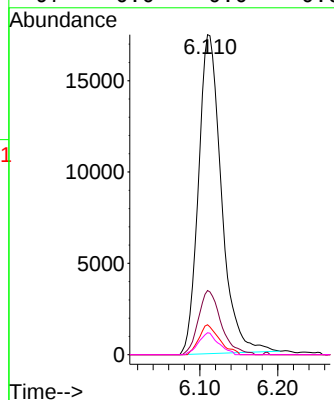
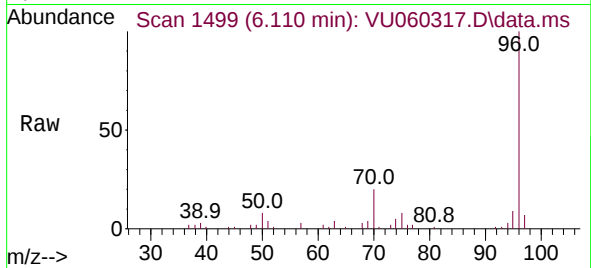
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

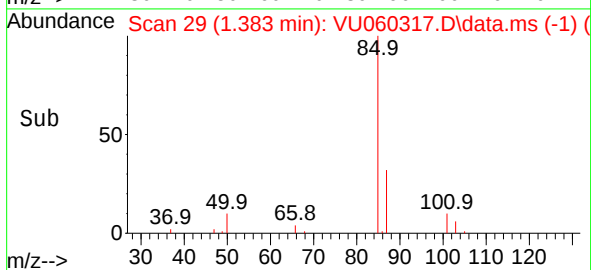
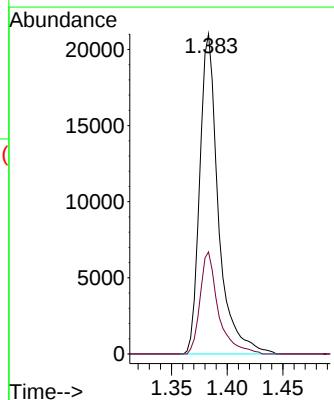
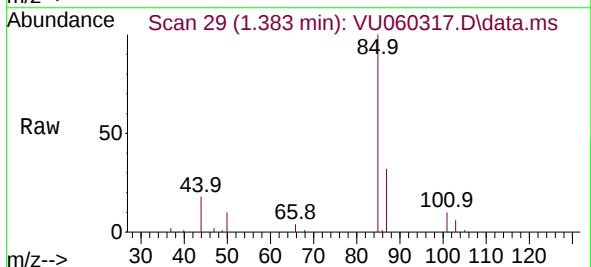
Instrument :
MSVOA_U
ClientSampleId :

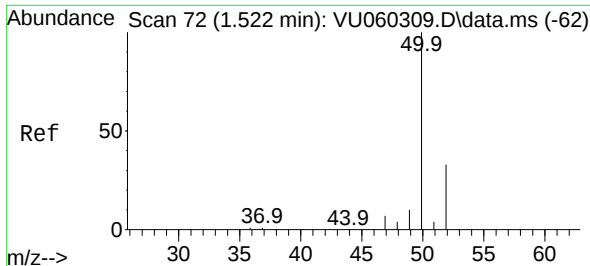
Tgt Ion: 96	Resp: 35722
Ion Ratio	Lower Upper
96	100
70	19.8 17.2 25.8
95	8.3 7.9 11.9
97	6.0 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.784 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 85	Resp: 24510
Ion Ratio	Lower Upper
85	100
87	31.9 16.3 48.9

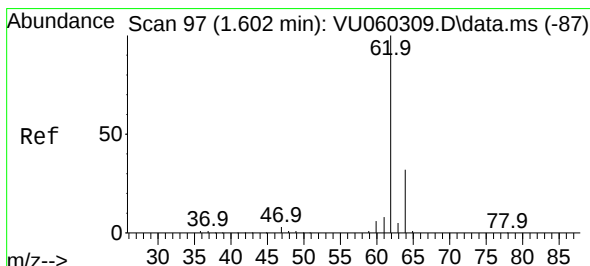
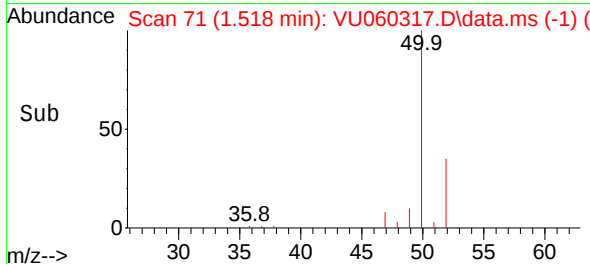
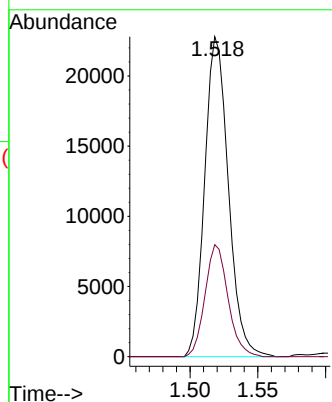
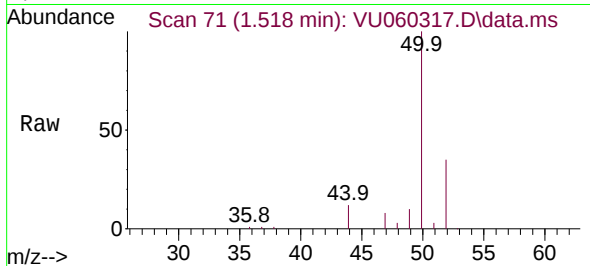




#3
Chloromethane
Concen: 1.762 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

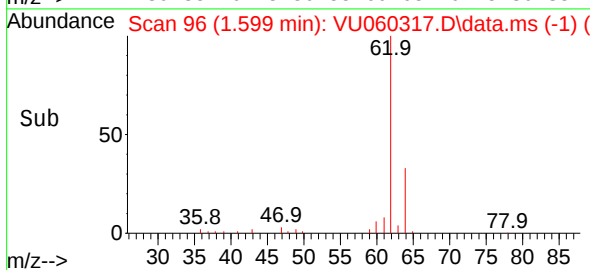
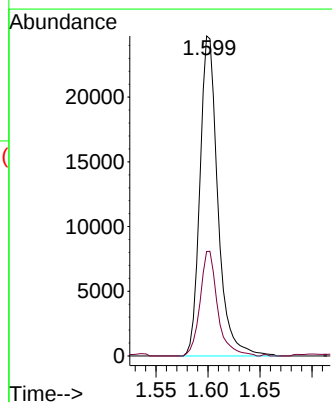
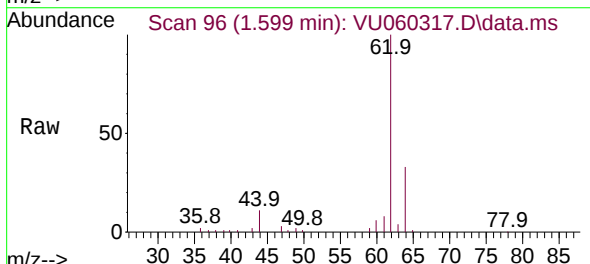
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MSVOA_U
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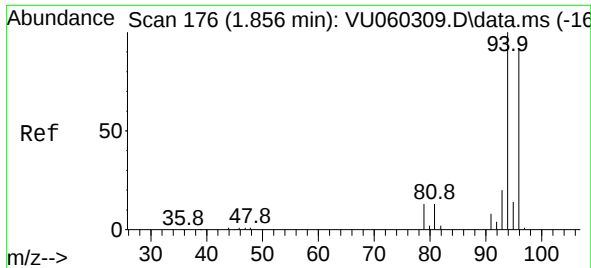
Tgt Ion: 50 Resp: 27684
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7



#4
Vinyl Chloride
Concen: 1.888 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 62 Resp: 29654
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6

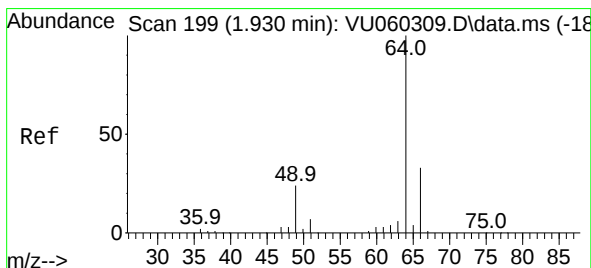
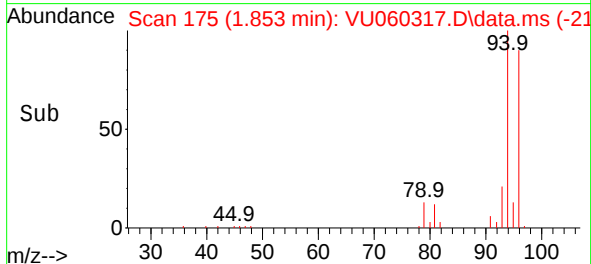
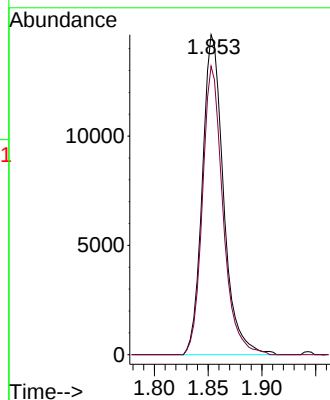
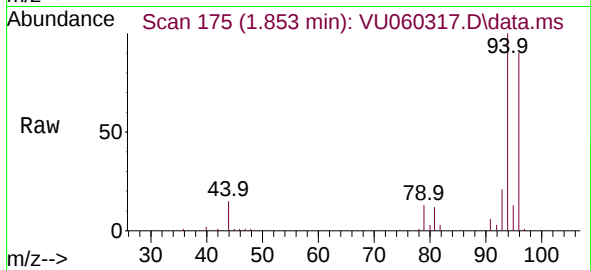




#5
Bromomethane
Concen: 2.076 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

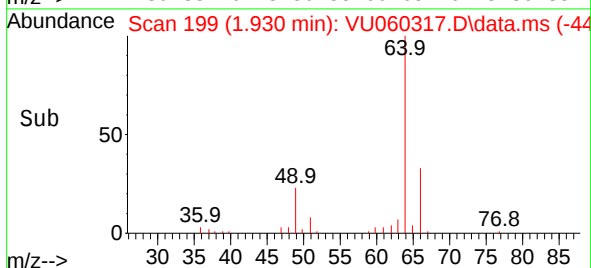
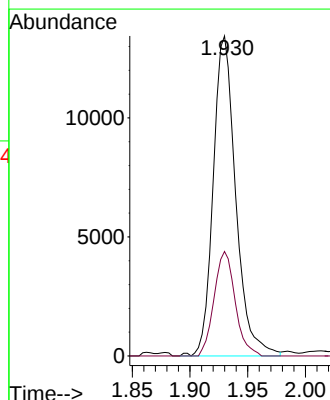
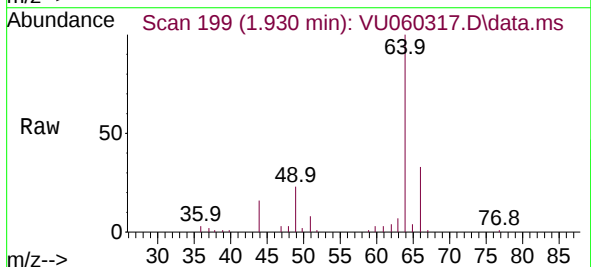
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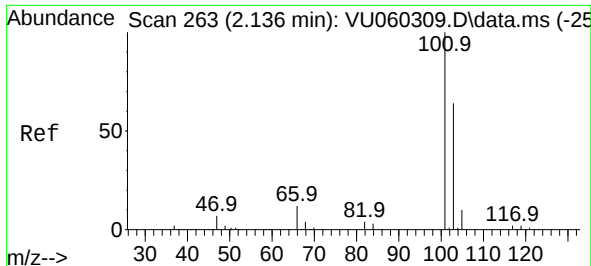
Tgt Ion: 94 Resp: 20034
Ion Ratio Lower Upper
94 100
96 90.1 73.8 110.8



#6
Chloroethane
Concen: 1.922 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 64 Resp: 18266
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5

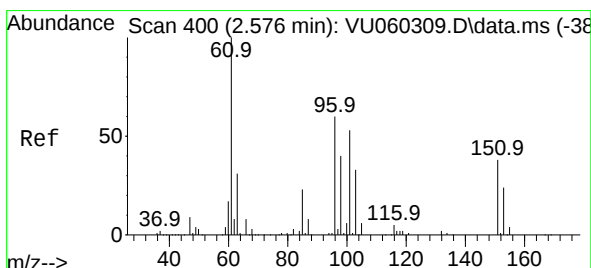
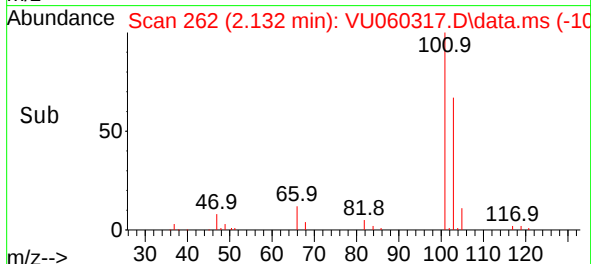
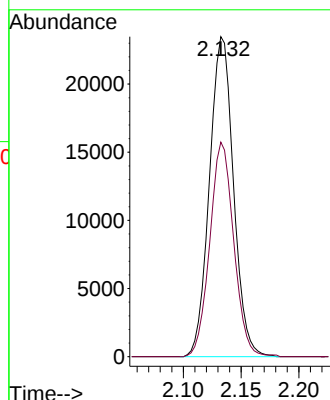
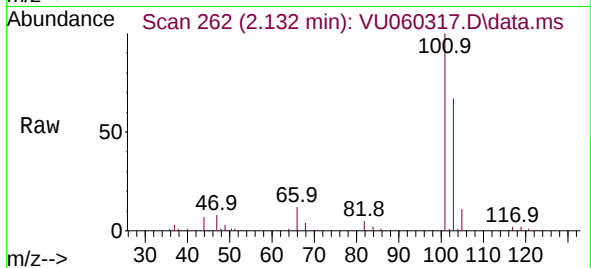




#7
 Trichlorofluoromethane
 Concen: 1.796 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

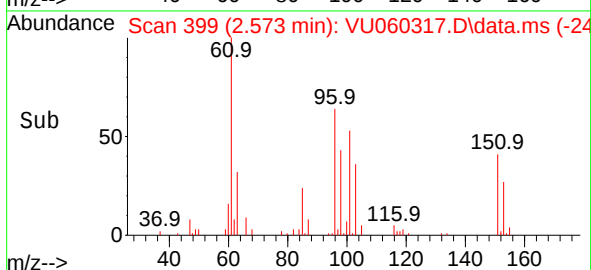
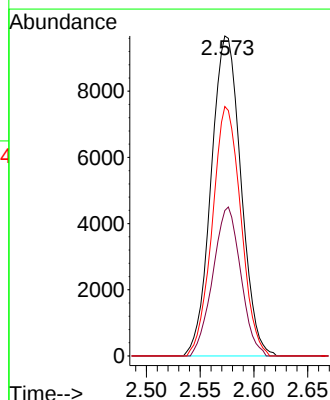
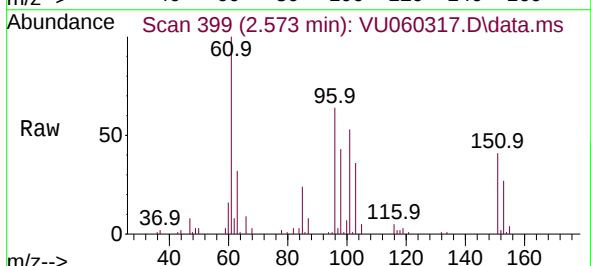
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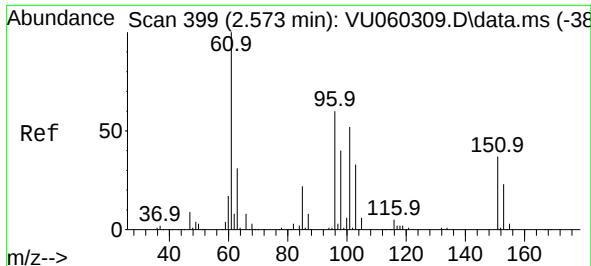
Tgt Ion:101 Resp: 34021
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.0 76.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.804 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

Tgt Ion:101 Resp: 18600
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 74.7 57.2 85.8

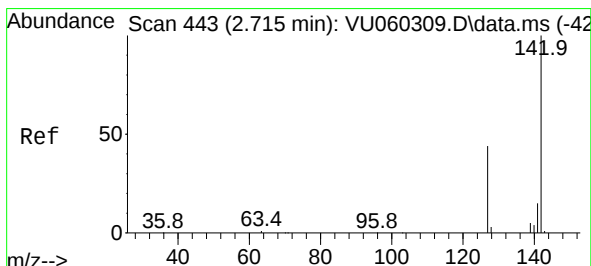
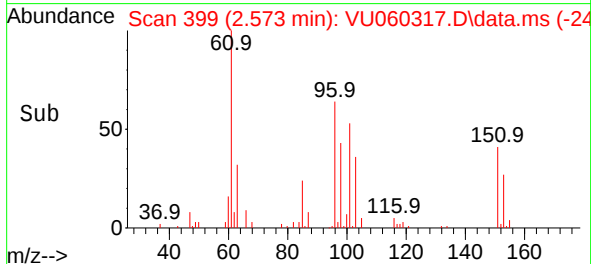
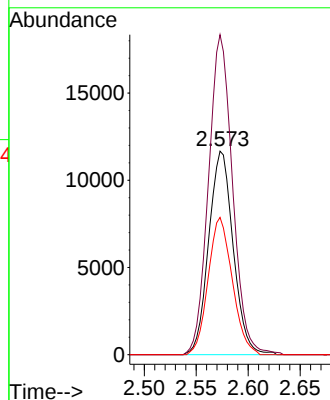
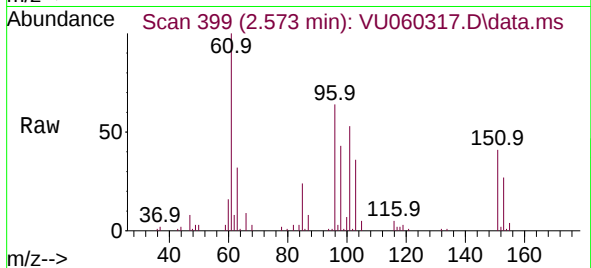




#9
1,1-Dichloroethene
Concen: 1.794 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

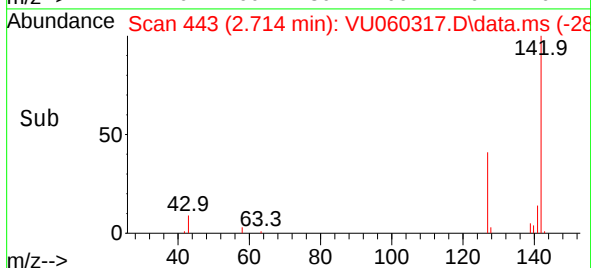
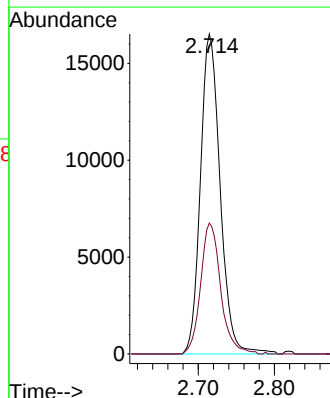
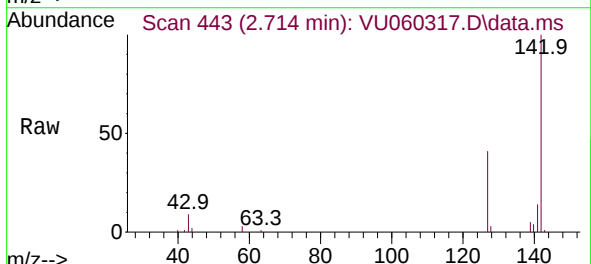
Instrument :
MSVOA_U
ClientSampleId :

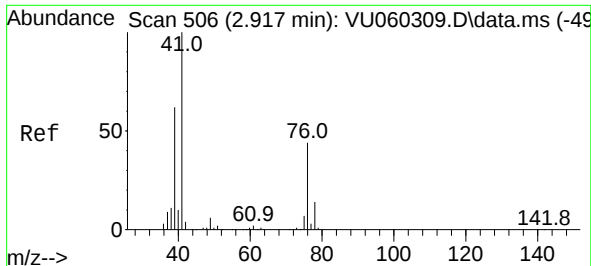
Tgt Ion: 96 Resp: 19162
Ion Ratio Lower Upper
96 100
61 157.2 0.0 495.9
98 67.5 0.0 131.6



#10
Iodomethane
Concen: 1.880 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.001 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion:142 Resp: 29768
Ion Ratio Lower Upper
142 100
127 41.6 35.5 53.3





#11

Allyl Chloride

Concen: 1.572 ug/l

RT: 2.917 min Scan# 506

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

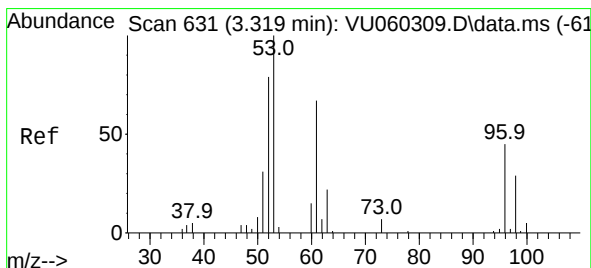
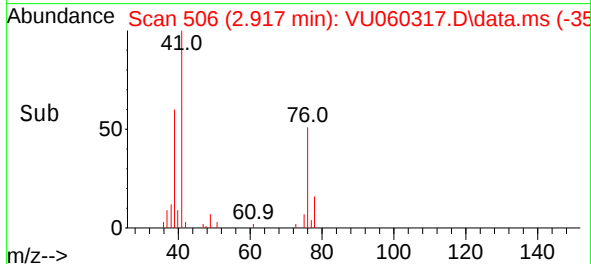
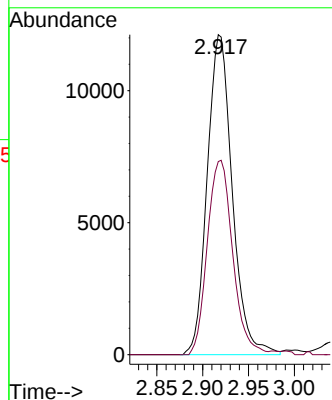
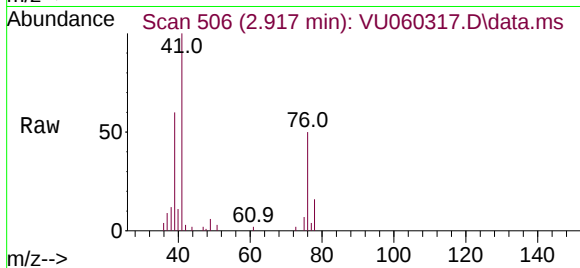
ClientSampleId :

Tgt Ion: 41 Resp: 23022

Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0



#12

Acrylonitrile

Concen: 2.315 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.022 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

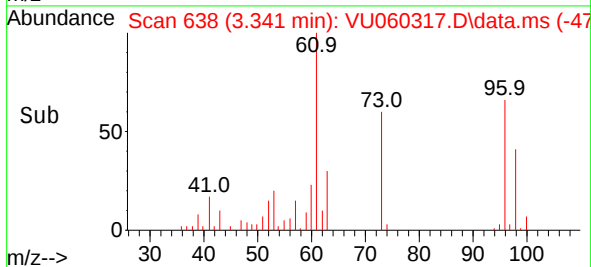
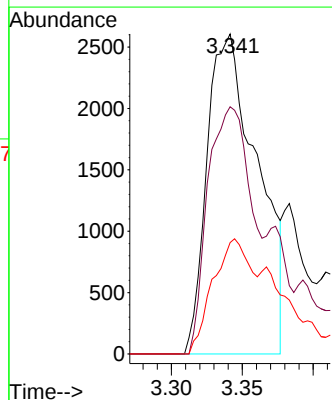
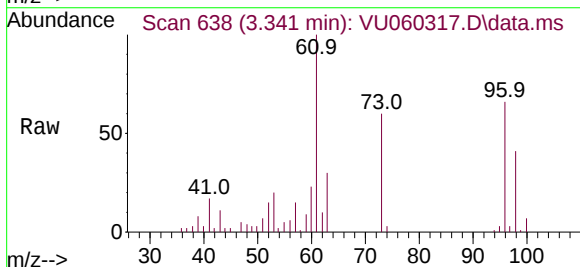
Tgt Ion: 53 Resp: 6459

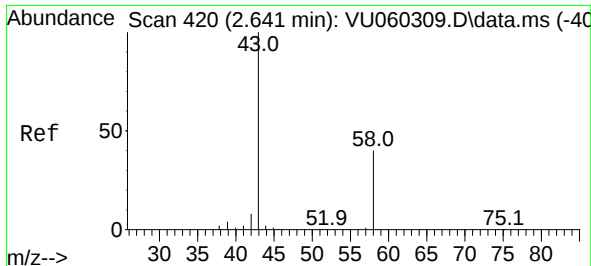
Ion Ratio Lower Upper

53 100

52 66.4 63.7 95.5

51 27.8 28.2 42.4#





#13

Acetone

Concen: 6.118 ug/l

RT: 2.656 min Scan# 41

Delta R.T. 0.015 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

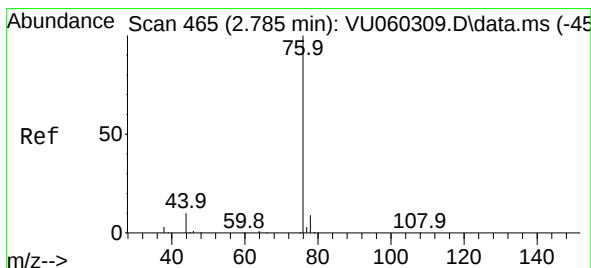
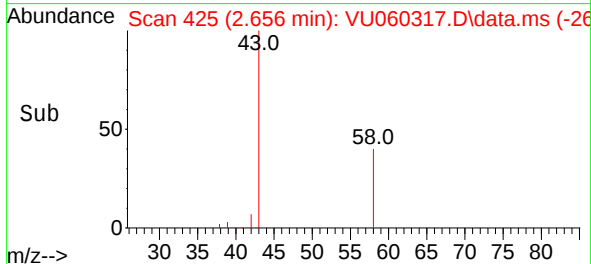
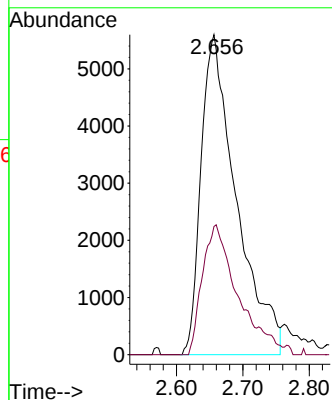
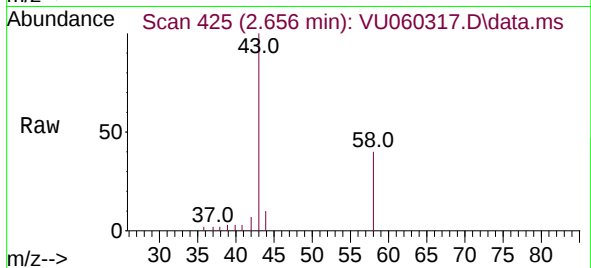
ClientSampleId :

Tgt Ion: 43 Resp: 20736

Ion Ratio Lower Upper

43 100

58 40.0 31.8 47.8



#14

Carbon Disulfide

Concen: 1.790 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060317.D

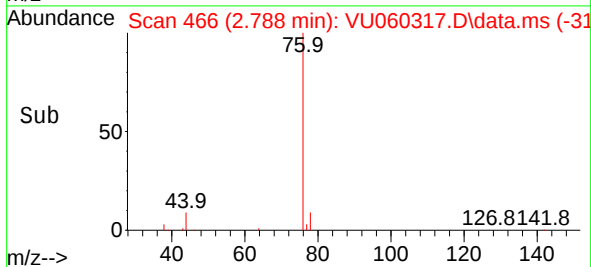
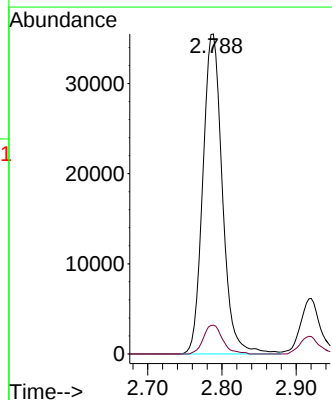
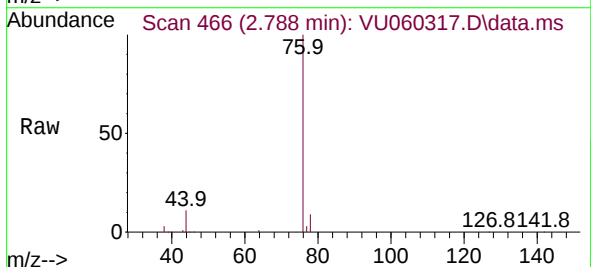
Acq: 06 Aug 2024 12:37

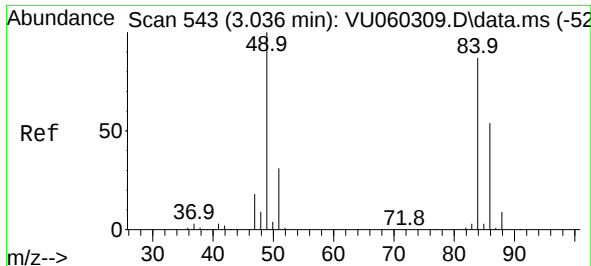
Tgt Ion: 76 Resp: 64806

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



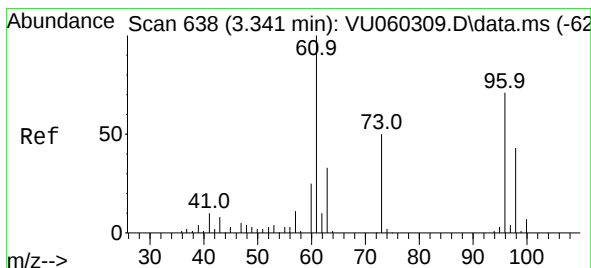
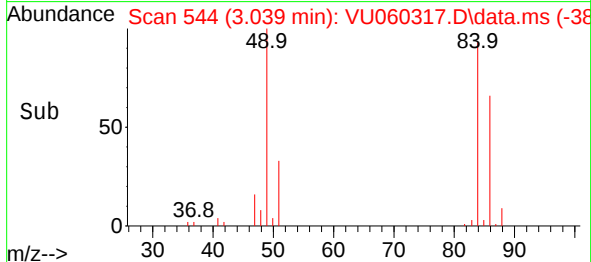
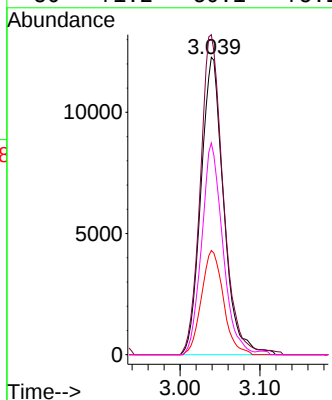
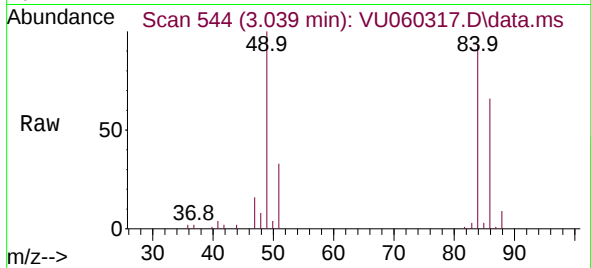


#15
Methylene Chloride
Concen: 1.821 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 24341

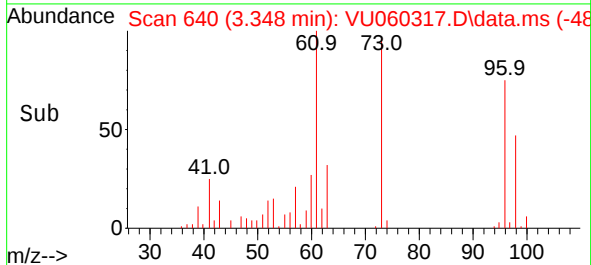
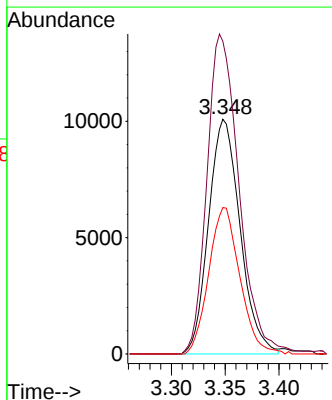
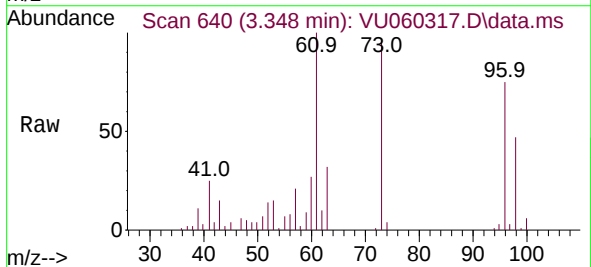
Ion	Ratio	Lower	Upper
84	100		
49	107.6	92.1	138.1
51	35.0	0.0	72.4
86	71.2	50.1	75.1

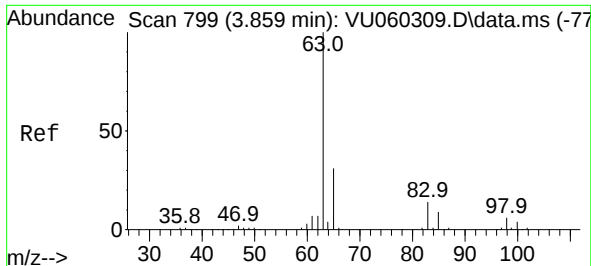


#16
trans-1,2-Dichloroethene
Concen: 1.800 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 96 Resp: 20596

Ion	Ratio	Lower	Upper
96	100		
61	133.2	112.8	169.2
98	62.3	48.7	73.1

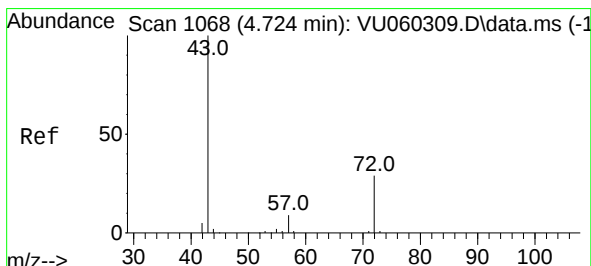
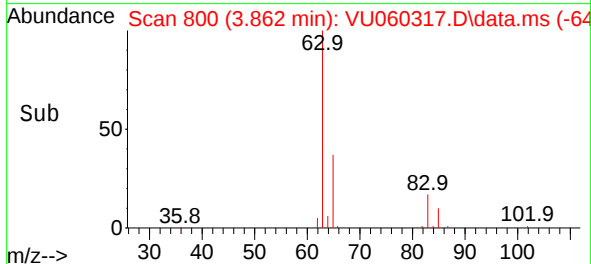
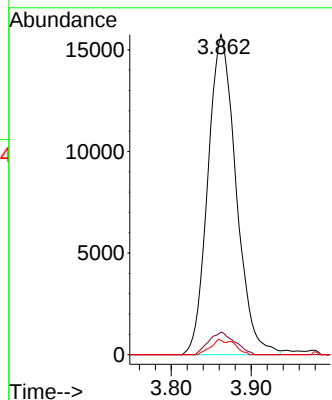
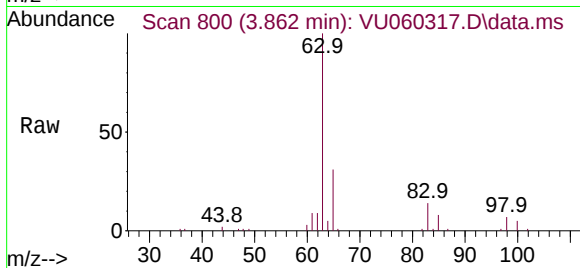




#17
1,1-Dichloroethane
Concen: 1.751 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

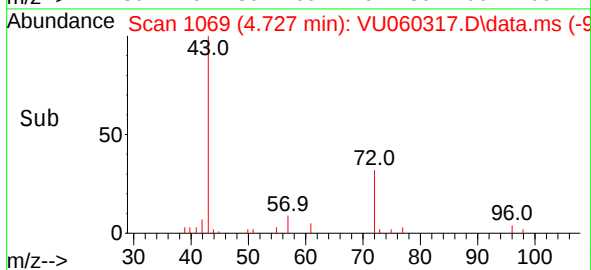
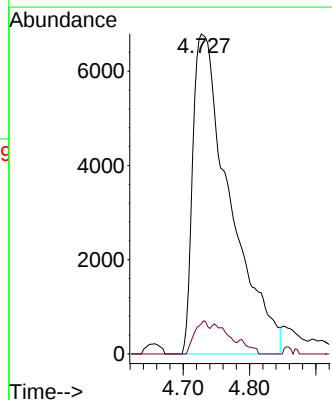
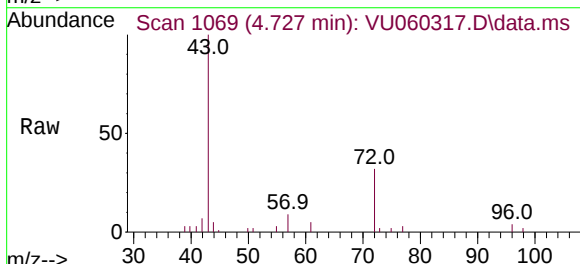
Instrument :
MSVOA_U
ClientSampleId :

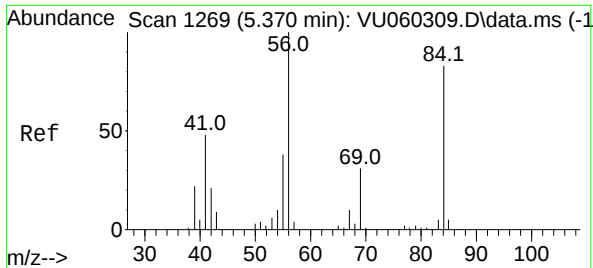
Tgt Ion: 63 Resp: 38529
Ion Ratio Lower Upper
63 100
98 7.1 3.1 9.4
100 4.6 2.0 5.8



#18
2-Butanone
Concen: 6.717 ug/l
RT: 4.727 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 43 Resp: 26300
Ion Ratio Lower Upper
43 100
57 9.4 0.0 18.4





#19

Cyclohexane

Concen: 1.323 ug/l

RT: 5.380 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU060317.D

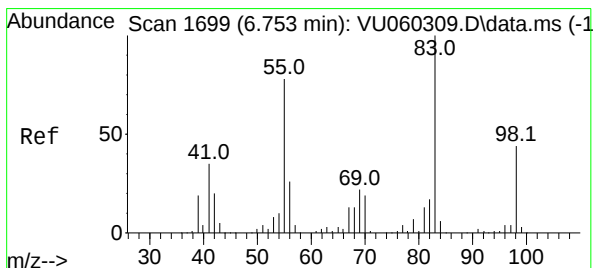
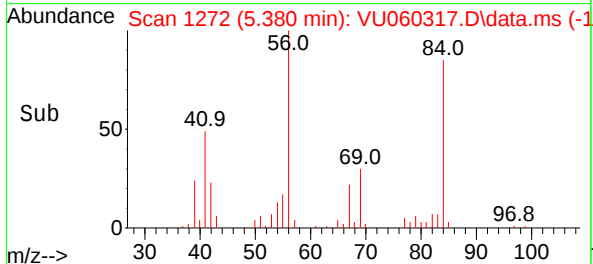
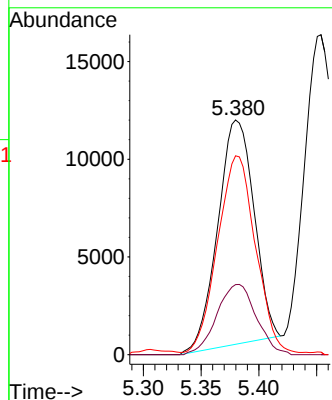
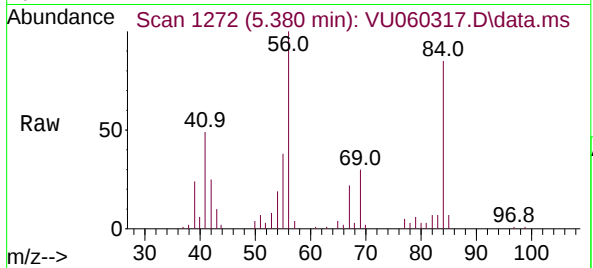
Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 25091
Ion Ratio	Lower Upper
56	100
69	34.0 24.2 36.2
84	90.9 63.9 95.9



#20

Methylcyclohexane

Concen: 1.732 ug/l

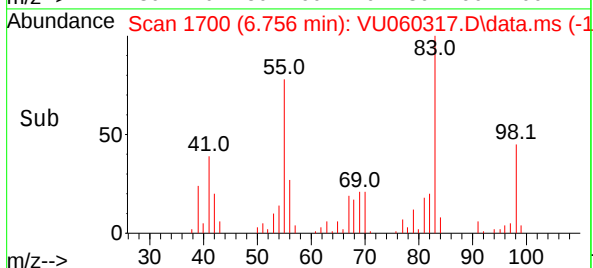
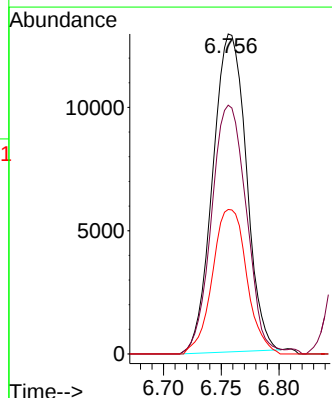
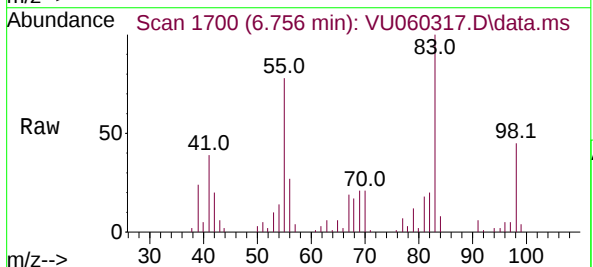
RT: 6.756 min Scan# 1700

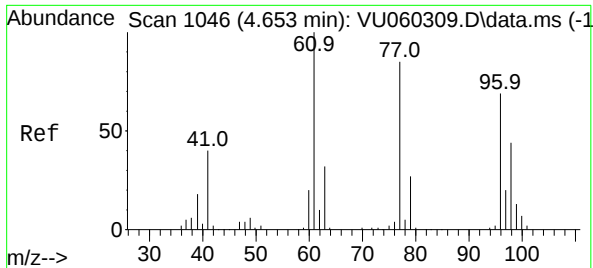
Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Tgt Ion: 83	Resp: 26067
Ion Ratio	Lower Upper
83	100
55	79.4 62.2 93.2
98	46.4 36.1 54.1

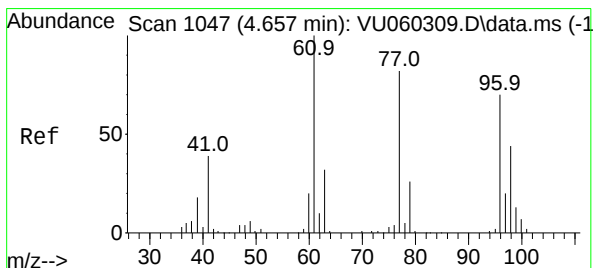
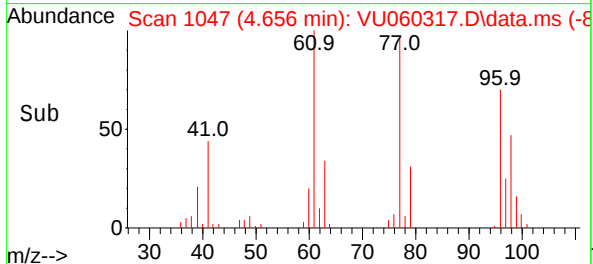
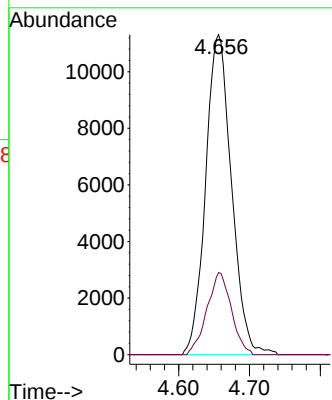
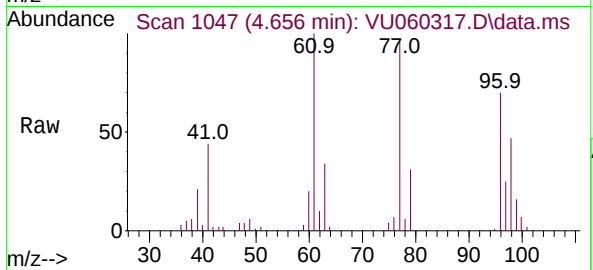




#21
2,2-Dichloropropane
Concen: 1.673 ug/l
RT: 4.656 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

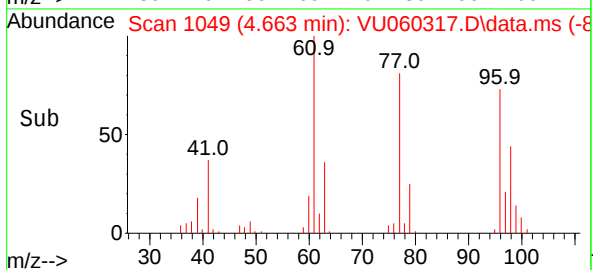
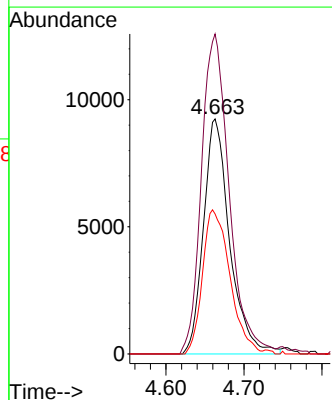
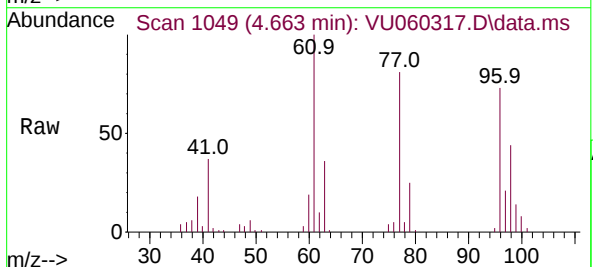
Instrument :
MSVOA_U
ClientSampleId :

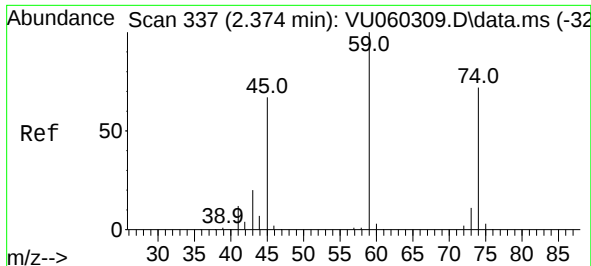
Tgt Ion: 77 Resp: 28672
Ion Ratio Lower Upper
77 100
97 24.2 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 1.764 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

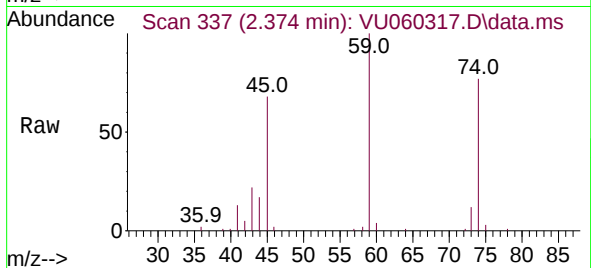
Tgt Ion: 96 Resp: 21624
Ion Ratio Lower Upper
96 100
61 143.6 0.0 372.8
98 64.1 31.8 95.4



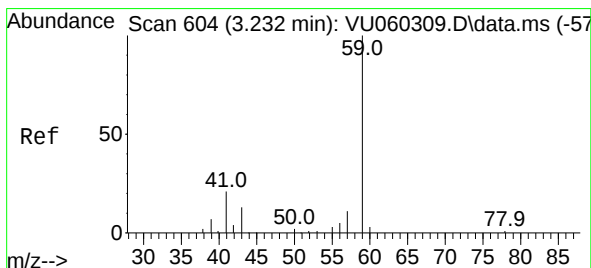
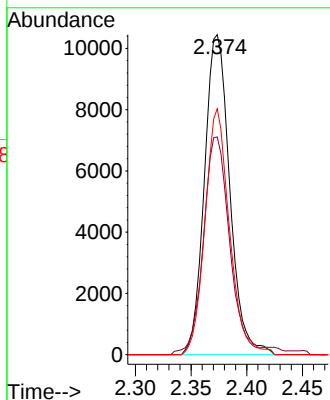
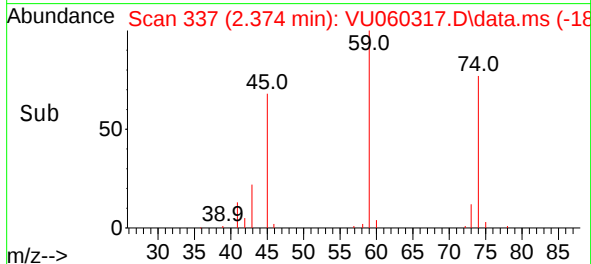


#23
Diethyl Ether
Concen: 1.903 ug/l
RT: 2.374 min Scan# 337
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

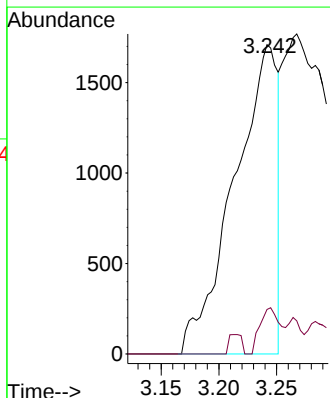
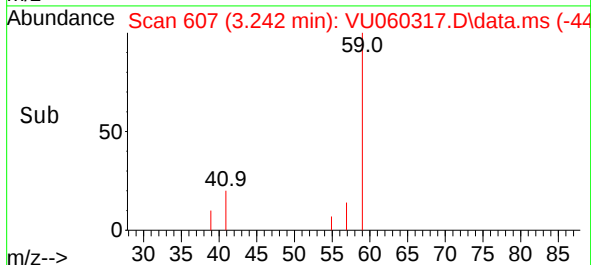
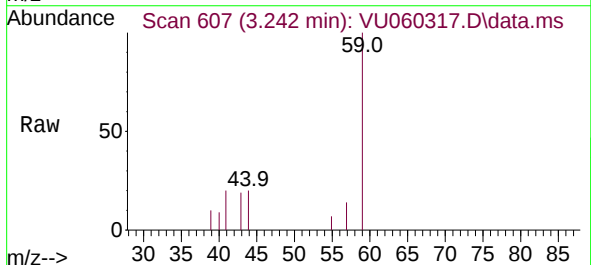


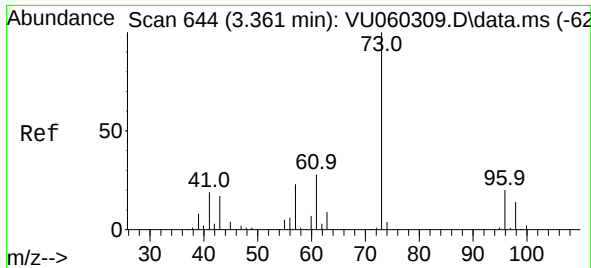
Tgt Ion: 59	Resp: 16519
Ion Ratio	Lower Upper
59	100
45	70.4 55.8 83.6
74	74.3 59.2 88.8



#24
tert-Butyl Alcohol
Concen: 4.096 ug/l
RT: 3.242 min Scan# 607
Delta R.T. 0.010 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 59	Resp: 4441
Ion Ratio	Lower Upper
59	100
57	7.2 4.5 6.7#

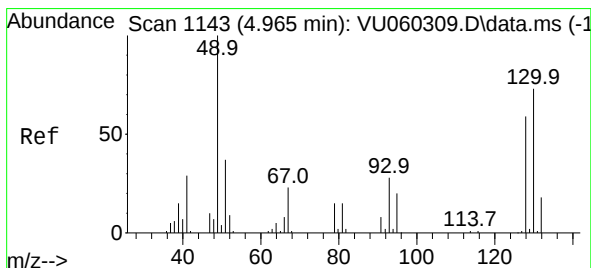
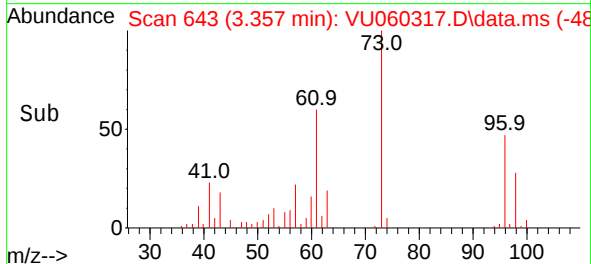
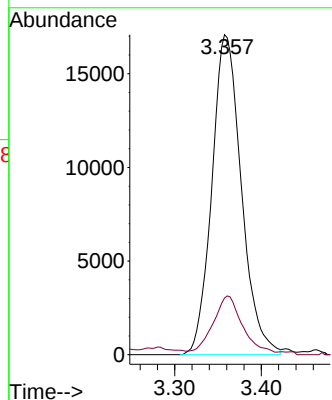
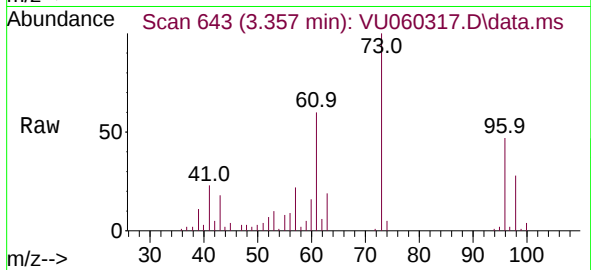




#25
Methyl tert-Butyl Ether
Concen: 1.540 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

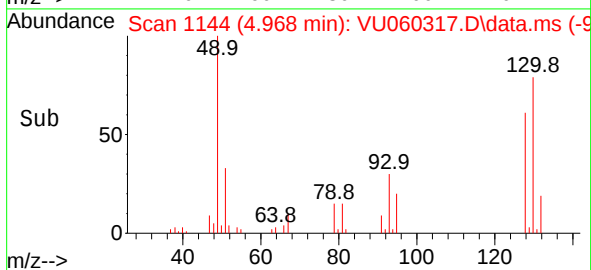
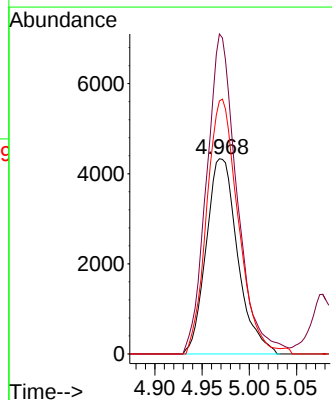
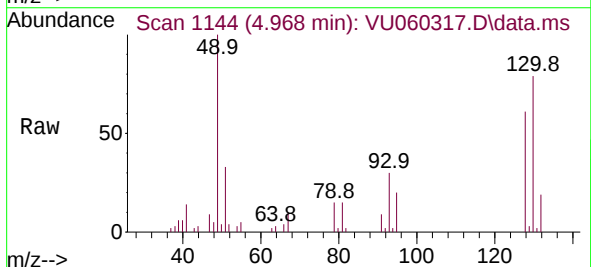
Instrument :
MSVOA_U
ClientSampleId :

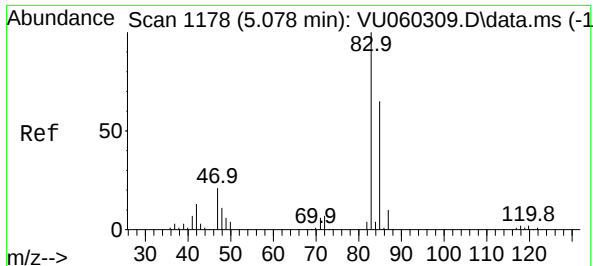
Tgt Ion: 73 Resp: 40380
Ion Ratio Lower Upper
73 100
43 17.2 14.1 21.1



#26
Bromochloromethane
Concen: 1.933 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 128 Resp: 10036
Ion Ratio Lower Upper
128 100
49 158.5 0.0 340.8
130 130.5 102.1 153.1





#27

Chloroform

Concen: 1.890 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

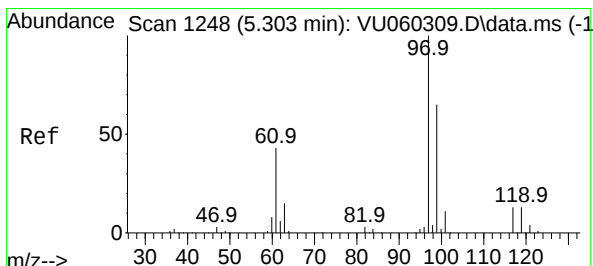
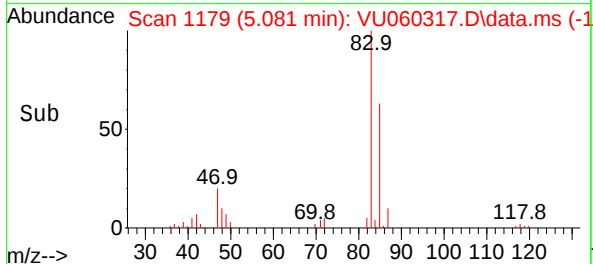
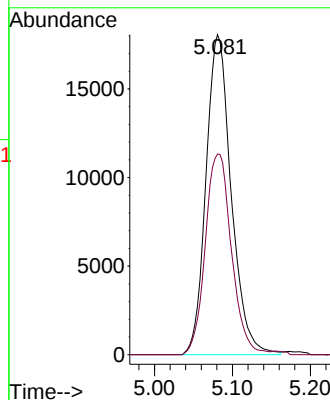
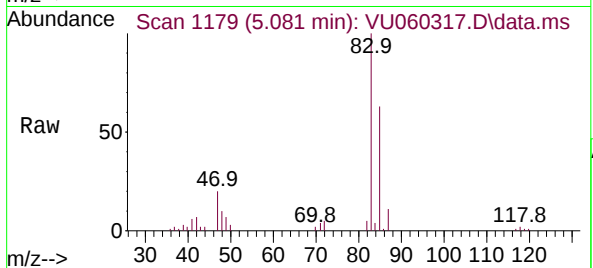
ClientSampleId :

Tgt Ion: 83 Resp: 40679

Ion Ratio Lower Upper

83 100

85 62.7 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 1.830 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

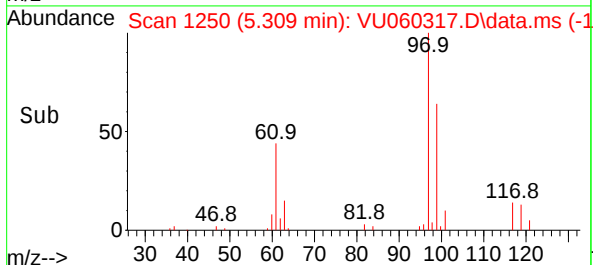
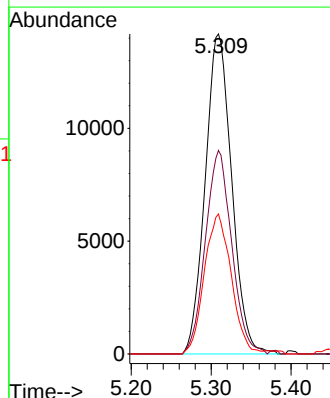
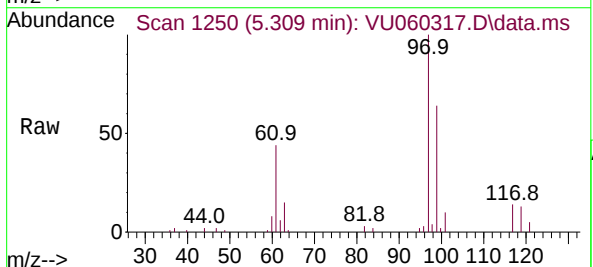
Tgt Ion: 97 Resp: 32717

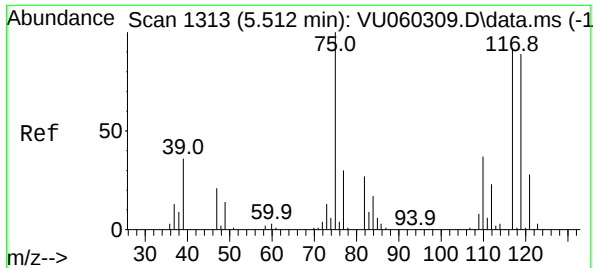
Ion Ratio Lower Upper

97 100

99 63.2 32.8 98.4

61 44.4 22.3 66.9

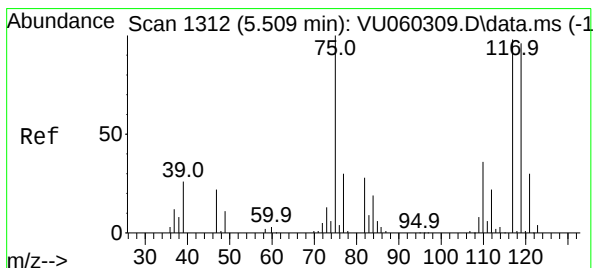
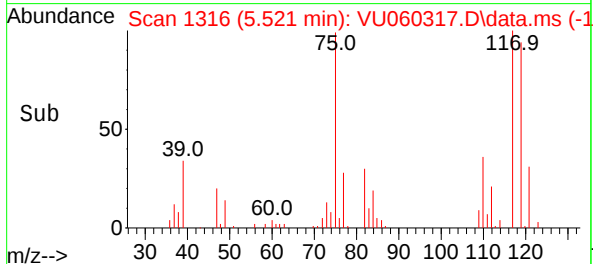
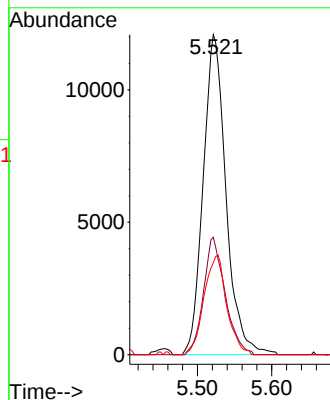
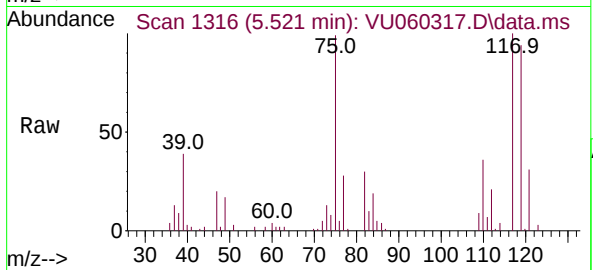




#29
1,1-Dichloropropene
Concen: 1.798 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

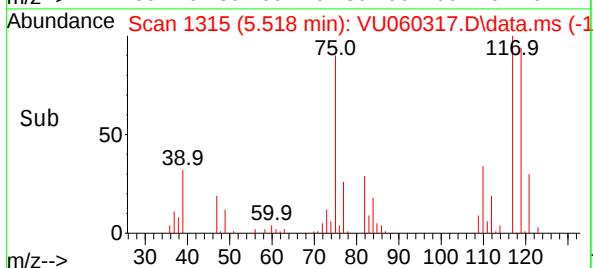
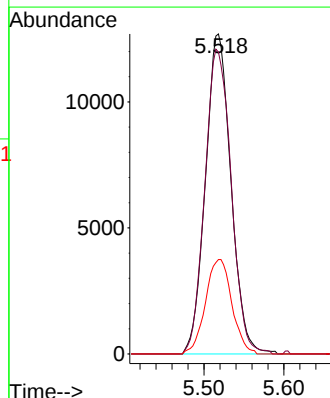
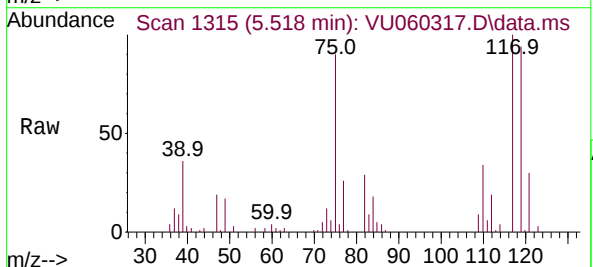
Instrument :
MSVOA_U
ClientSampleId :

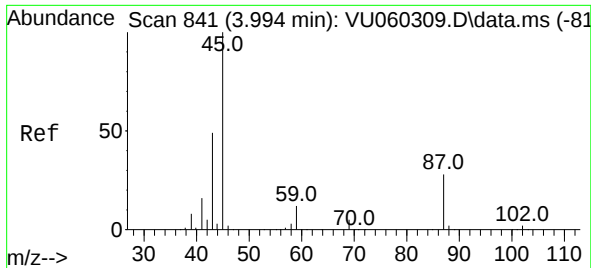
Tgt Ion: 75 Resp: 25763
Ion Ratio Lower Upper
75 100
110 34.7 18.4 55.2
77 31.0 24.8 37.2



#30
Carbon Tetrachloride
Concen: 1.934 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.009 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 117 Resp: 28181
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.6
121 29.5 24.2 36.2

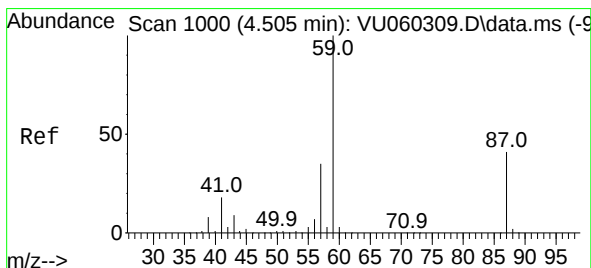
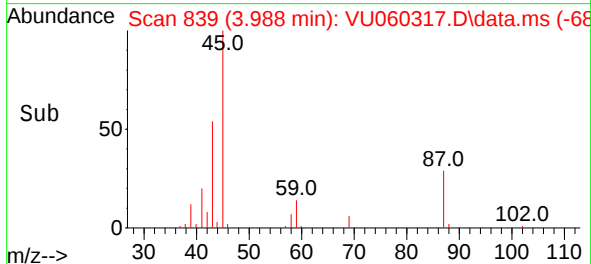
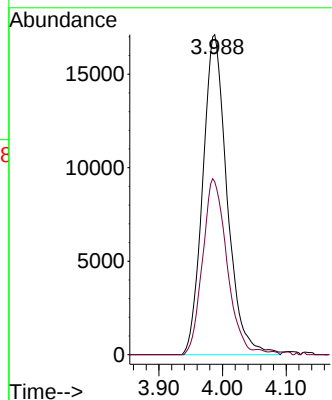
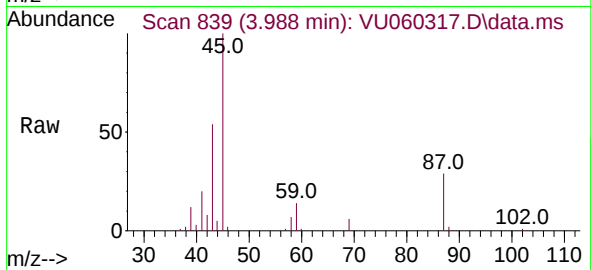




#31
Isopropyl Ether
Concen: 1.414 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.007 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

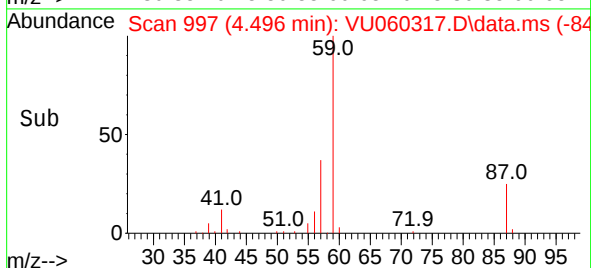
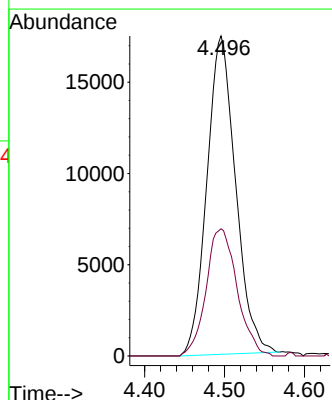
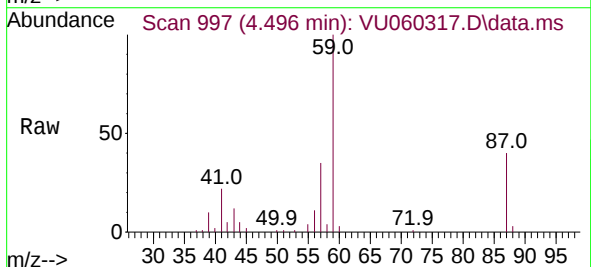
Instrument :
MSVOA_U
ClientSampleId :

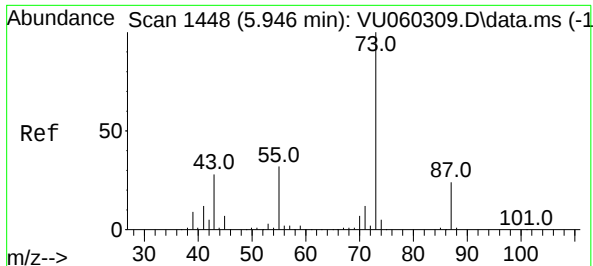
Tgt Ion: 45 Resp: 45466
Ion Ratio Lower Upper
45 100
43 54.6 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 1.401 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 59 Resp: 43564
Ion Ratio Lower Upper
59 100
87 43.1 32.6 49.0

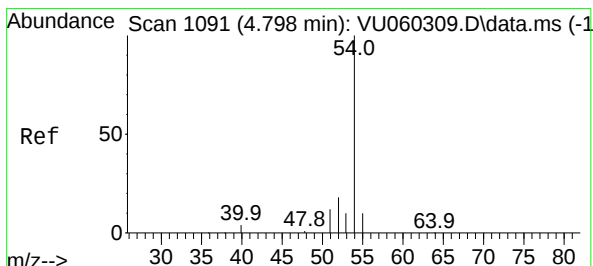
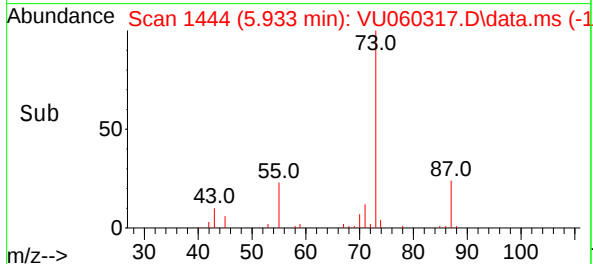
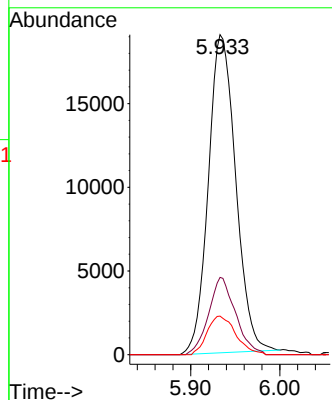
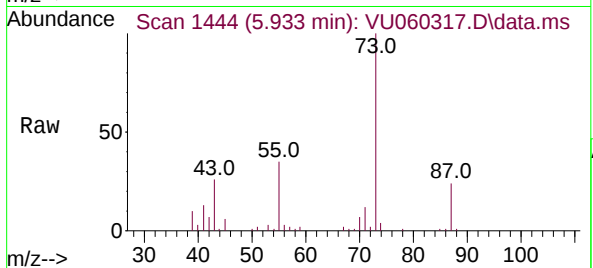




#33
Tert-Amyl methyl ether
Concen: 1.838 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

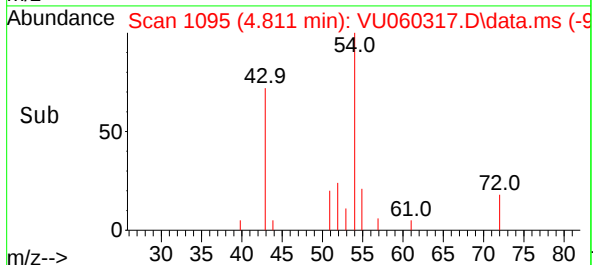
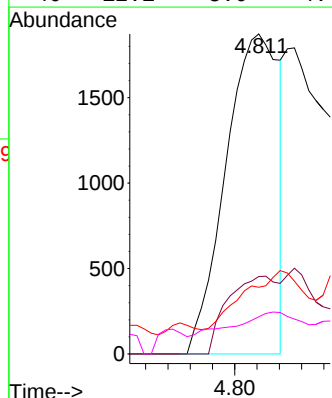
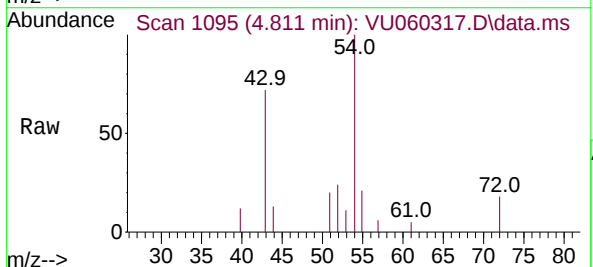
Instrument :
MSVOA_U
ClientSampleId :

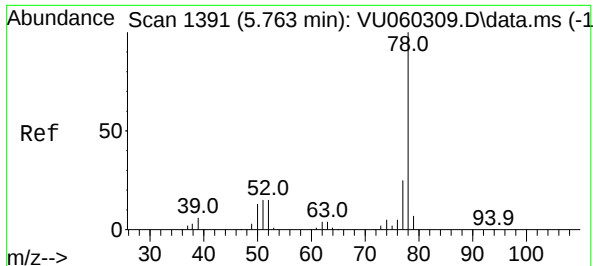
Tgt Ion: 73 Resp: 40548
Ion Ratio Lower Upper
73 100
87 23.9 19.6 29.4
71 12.7 9.5 14.3



#34
Propionitrile
Concen: 2.759 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.013 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 54 Resp: 3087
Ion Ratio Lower Upper
54 100
52 23.5 16.4 24.6
55 20.6 5.2 7.8#
40 12.1 3.0 4.4#





#35

Benzene

Concen: 1.939 ug/l

RT: 5.769 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

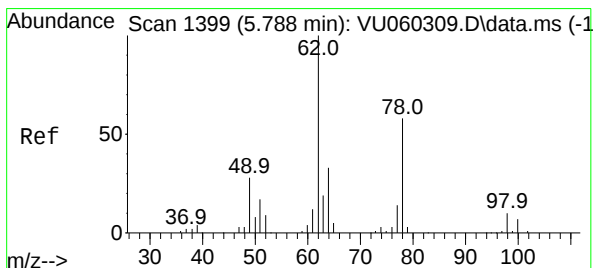
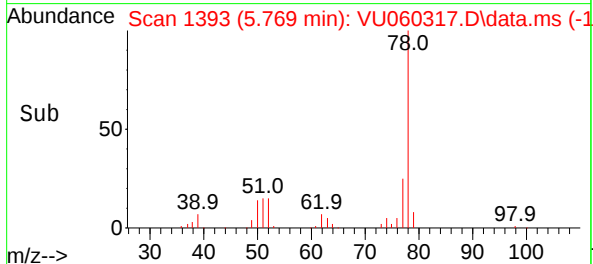
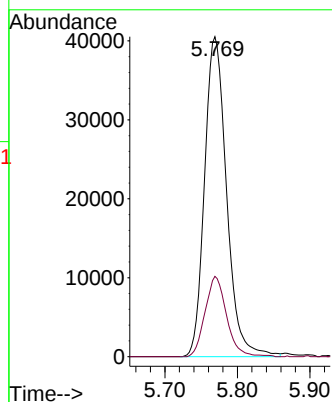
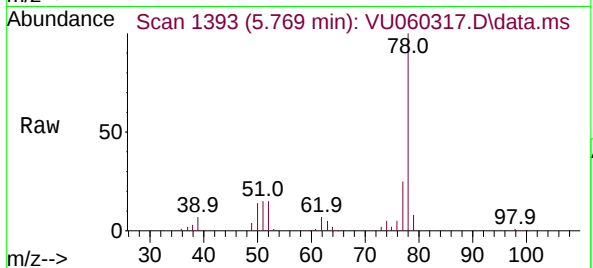
ClientSampleId :

Tgt Ion: 78 Resp: 85621

Ion Ratio Lower Upper

78 100

77 25.1 20.2 30.2



#36

1,2-Dichloroethane

Concen: 1.934 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060317.D

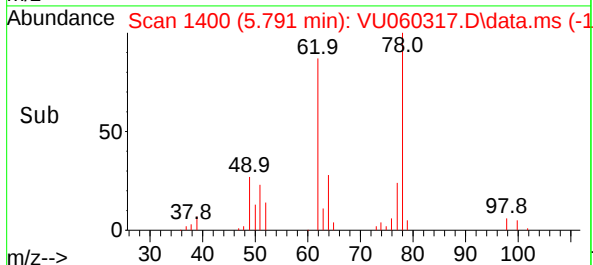
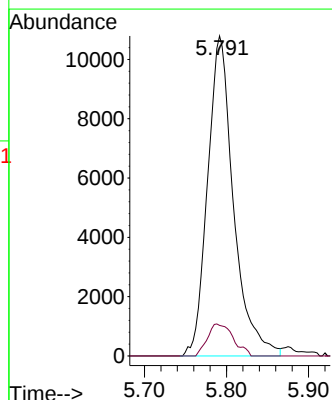
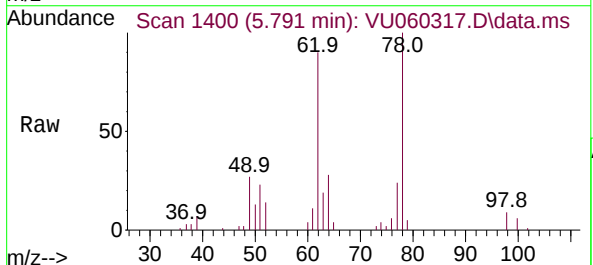
Acq: 06 Aug 2024 12:37

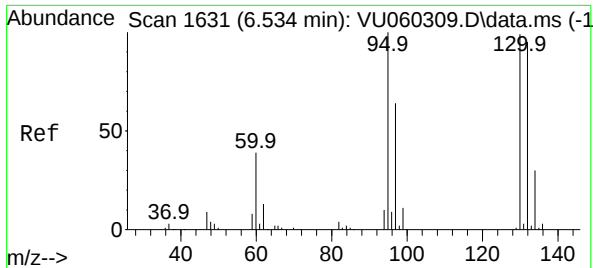
Tgt Ion: 62 Resp: 23732

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1

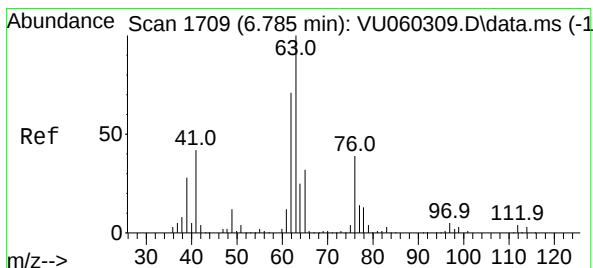
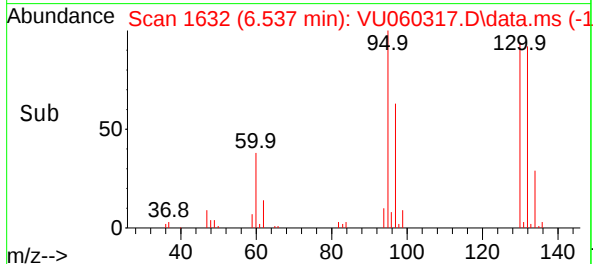
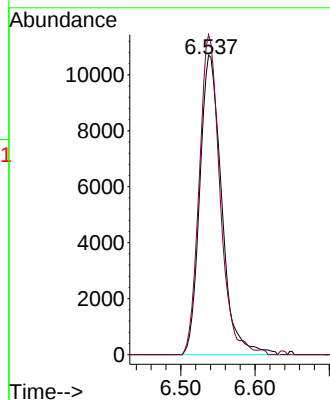
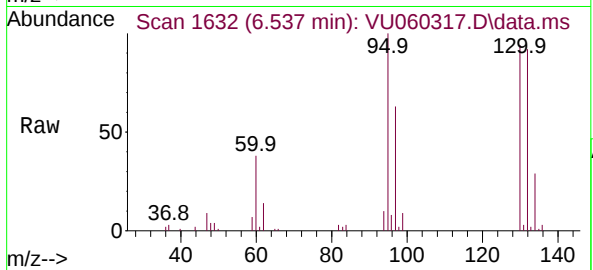




#37
Trichloroethene
Concen: 2.003 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

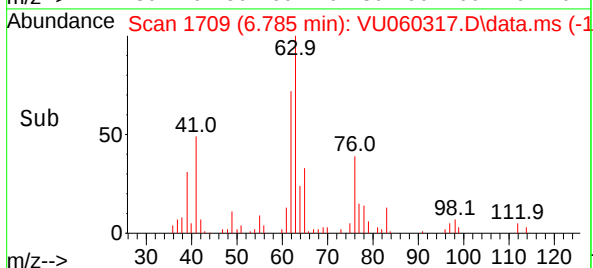
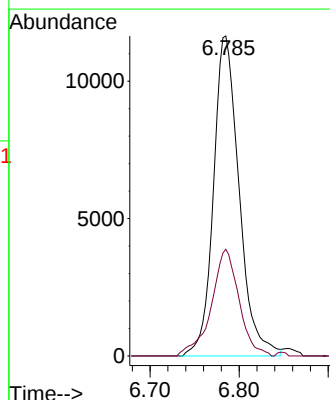
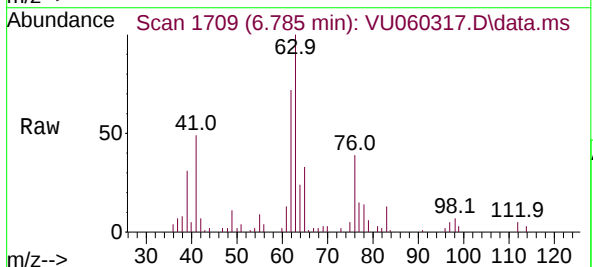
Instrument :
MSVOA_U
ClientSampleId :

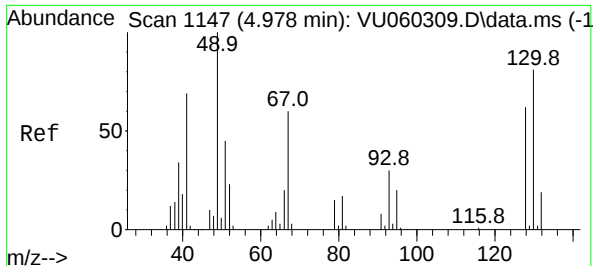
Tgt Ion:130 Resp: 21892
Ion Ratio Lower Upper
130 100
95 106.8 80.6 121.0



#38
1,2-Dichloropropane
Concen: 1.949 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

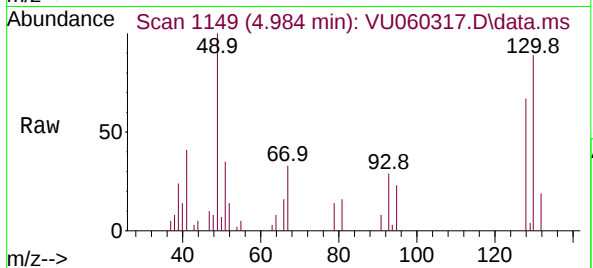
Tgt Ion: 63 Resp: 23283
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4



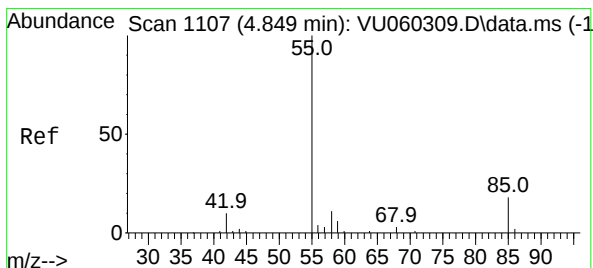
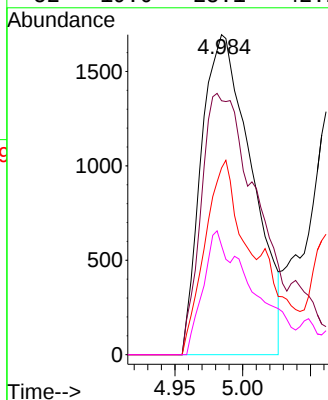
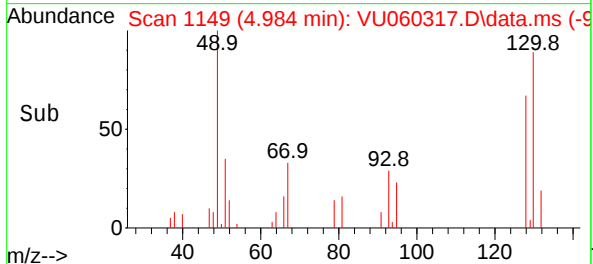


#39
Methacrylonitrile
Concen: 1.083 ug/l
RT: 4.984 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

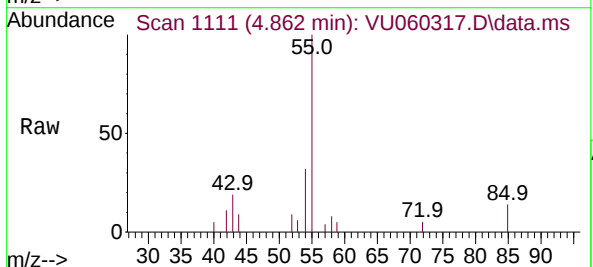
Instrument :
MSVOA_U
ClientSampleId :



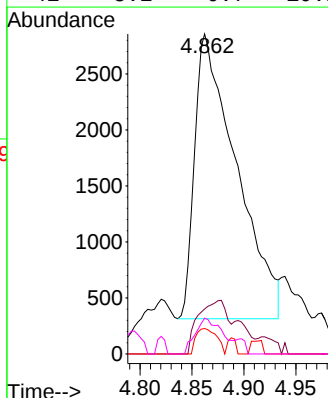
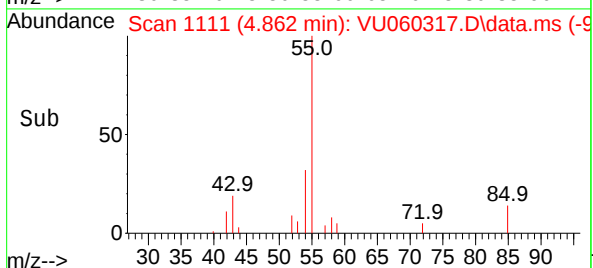
Tgt Ion: 41 Resp: 4388
Ion Ratio Lower Upper
41 100
67 90.6 67.4 101.0
39 46.6 41.7 62.5
52 19.0 28.1 42.1#

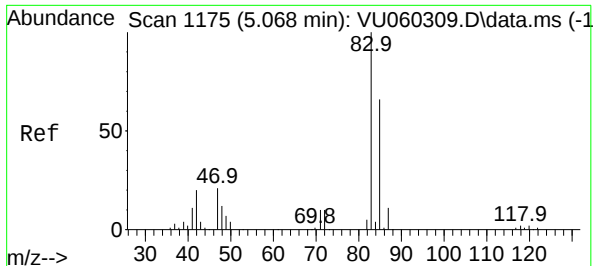


#40
Methyl acrylate
Concen: 0.999 ug/l
RT: 4.862 min Scan# 1111
Delta R.T. 0.013 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37



Tgt Ion: 55 Resp: 7087
Ion Ratio Lower Upper
55 100
85 0.0 13.6 20.4#
58 4.4 7.6 11.4#
42 8.2 6.7 10.1





#41

Tetrahydrofuran

Concen: 2.205 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

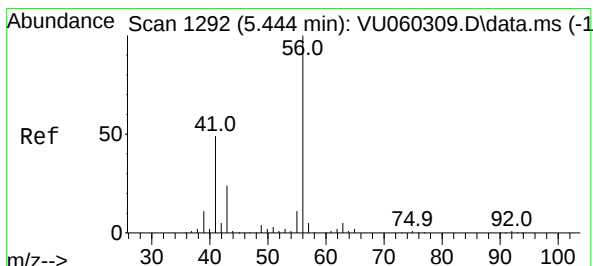
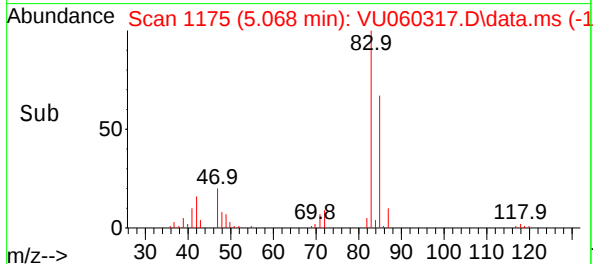
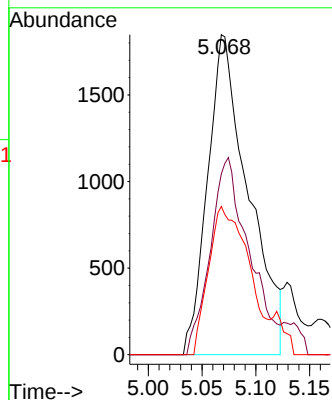
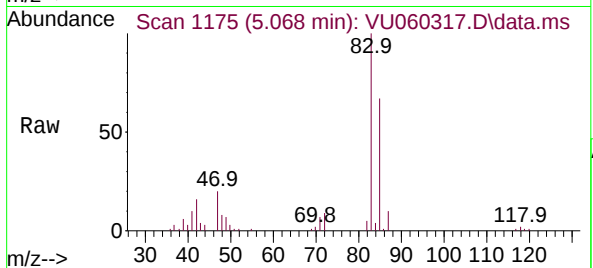
Tgt Ion: 42 Resp: 4862

Ion Ratio Lower Upper

42 100

72 59.0 40.6 60.8

71 45.8 38.0 57.0



#42

1-Chlorobutane

Concen: 1.741 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.009 min

Lab File: VU060317.D

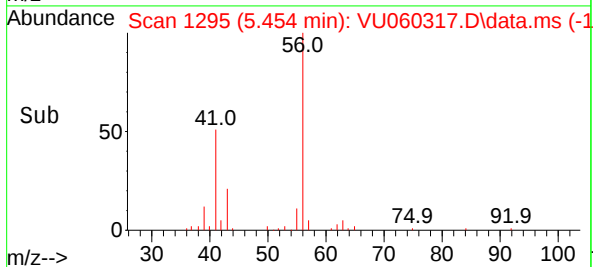
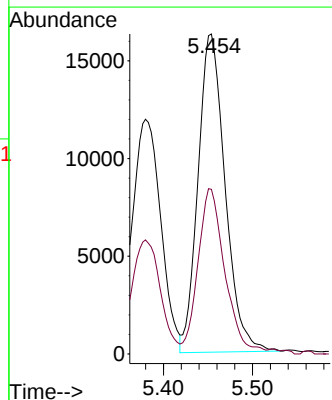
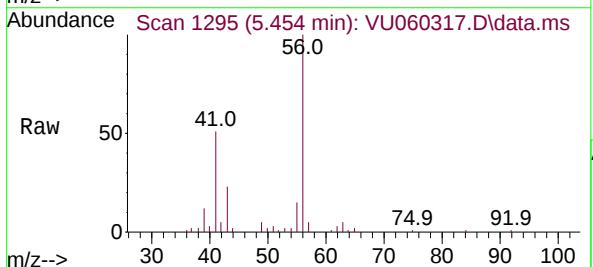
Acq: 06 Aug 2024 12:37

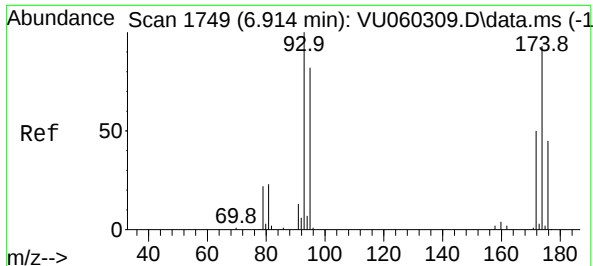
Tgt Ion: 56 Resp: 34394

Ion Ratio Lower Upper

56 100

41 49.2 23.8 71.5





#43

Dibromomethane

Concen: 1.941 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

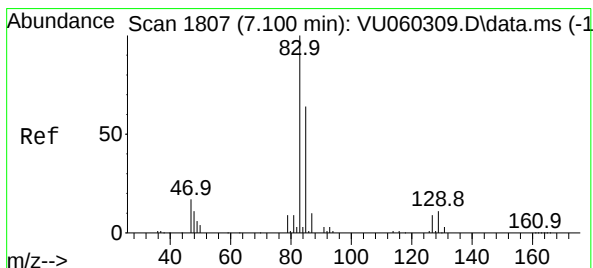
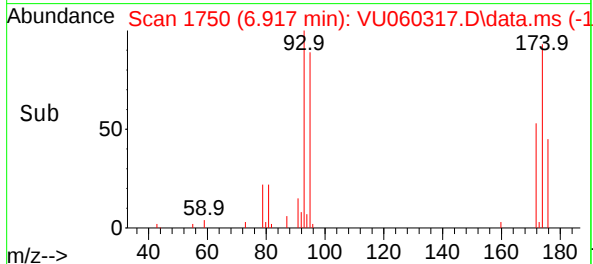
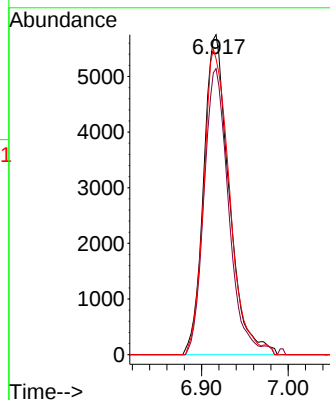
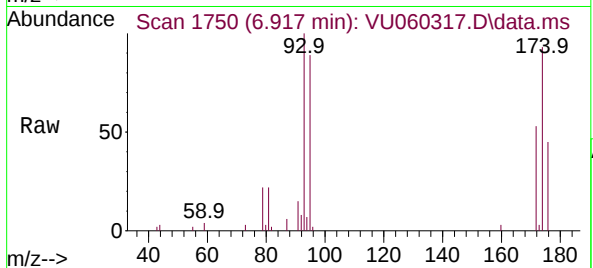
Tgt Ion: 93 Resp: 11726

Ion Ratio Lower Upper

93 100

95 85.8 66.4 99.6

174 96.9 75.2 112.8



#44

Bromodichloromethane

Concen: 1.961 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

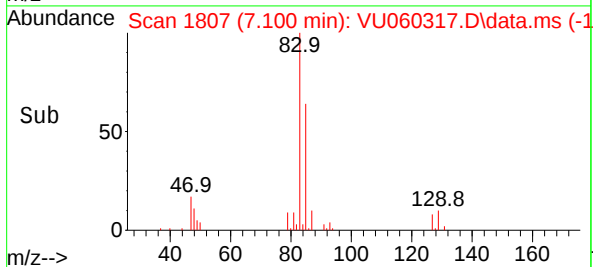
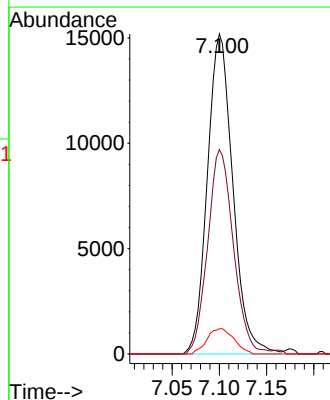
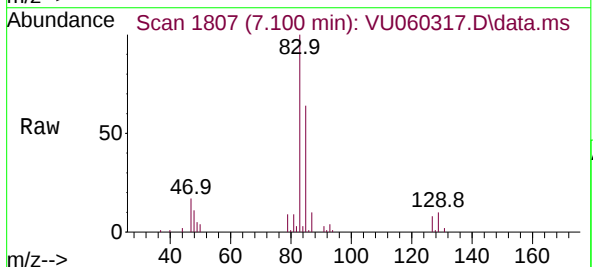
Tgt Ion: 83 Resp: 28445

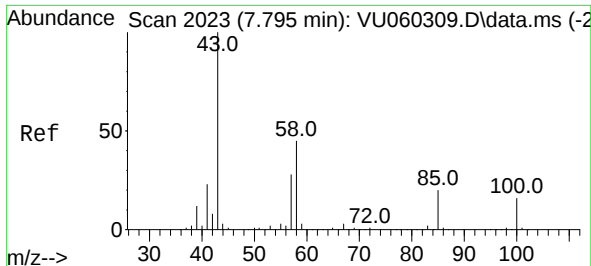
Ion Ratio Lower Upper

83 100

85 63.8 51.3 76.9

127 7.9 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 9.095 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. -0.007 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

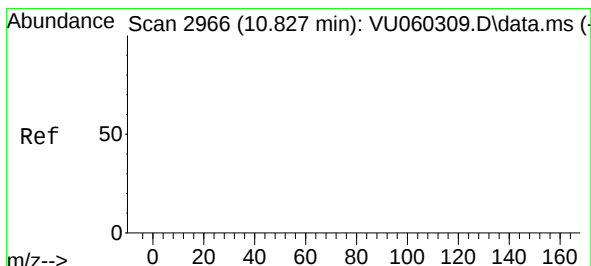
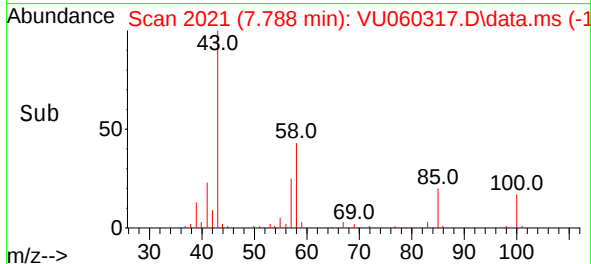
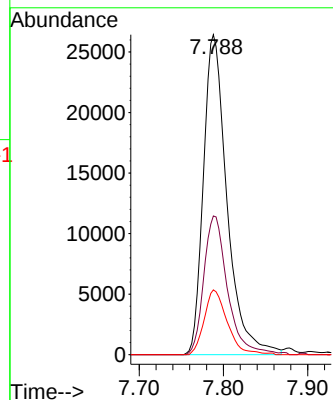
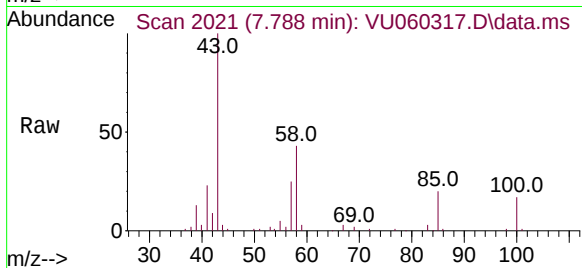
Tgt Ion: 43 Resp: 51599

Ion Ratio Lower Upper

43 100

58 43.5 22.3 66.9

85 19.7 16.0 24.0



#46

t-1,4-Dichloro-2-butene

Concen: 8.339 ug/l

RT: 10.820 min Scan# 2964

Delta R.T. -0.007 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Tgt Ion: 75 Resp: 26512

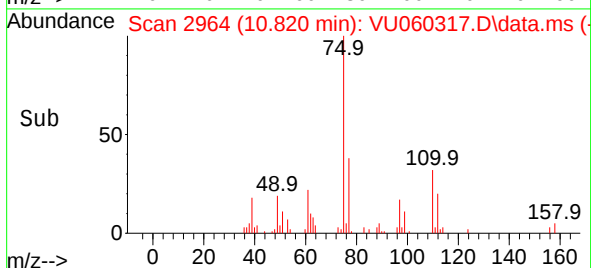
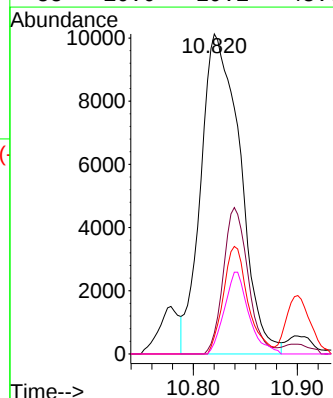
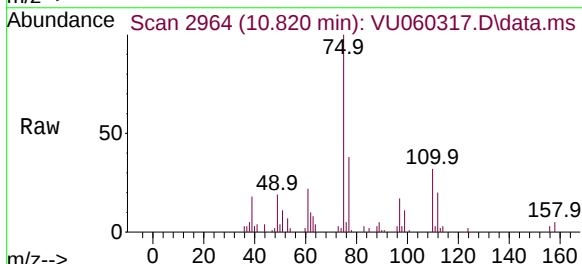
Ion Ratio Lower Upper

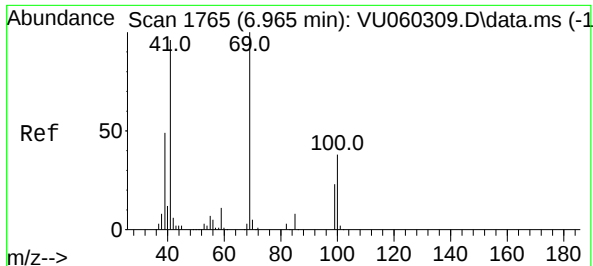
75 100

53 29.0 57.2 85.8#

89 21.3 40.4 60.6#

88 16.0 29.1 43.7#





#47

Methyl methacrylate

Concen: 3.821 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.003 min

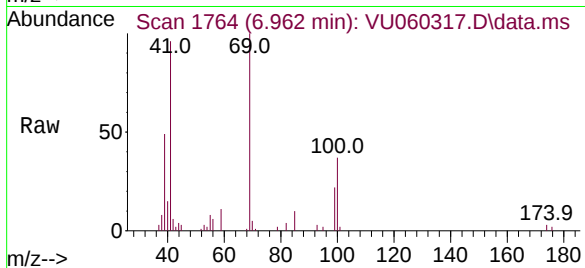
Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 18733

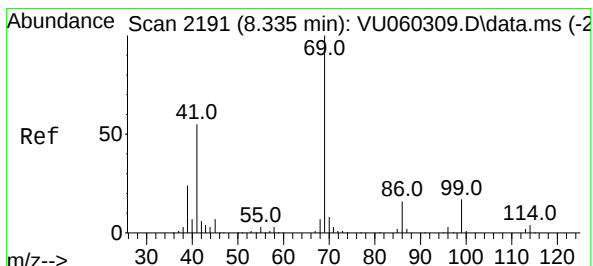
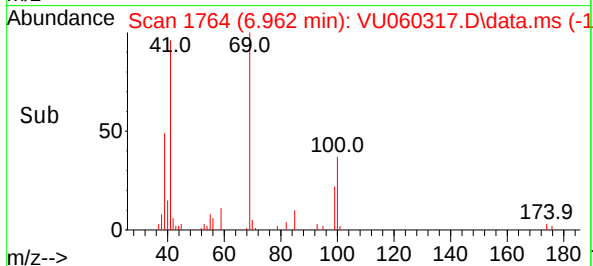
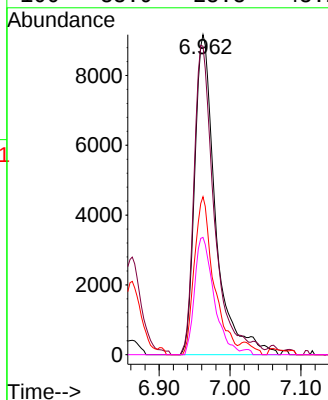
Ion Ratio Lower Upper

69 100

41 93.2 0.0 194.0

39 45.9 38.0 57.0

100 33.9 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.860 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU060317.D

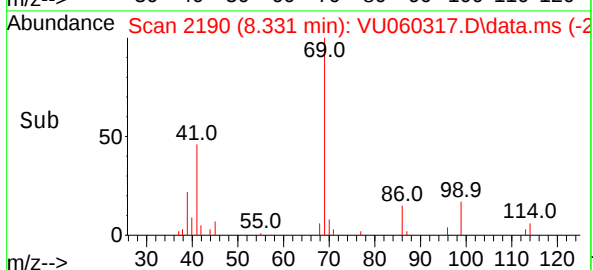
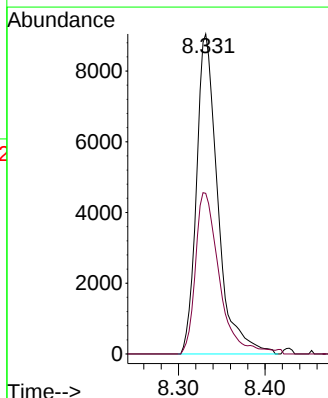
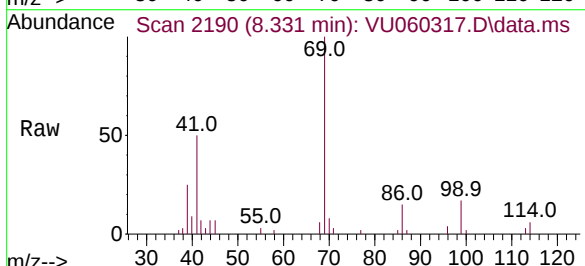
Acq: 06 Aug 2024 12:37

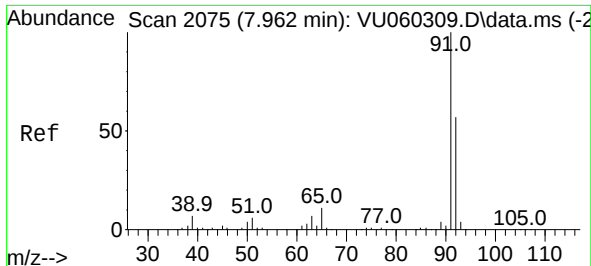
Tgt Ion: 69 Resp: 15483

Ion Ratio Lower Upper

69 100

41 56.2 27.5 82.5





#49

Toluene

Concen: 1.936 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

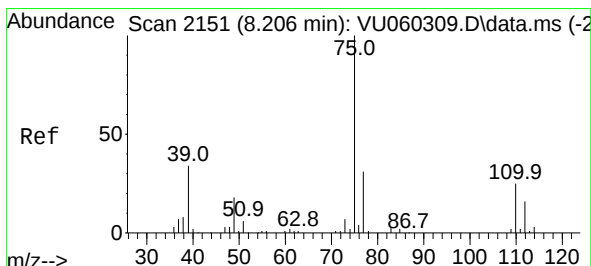
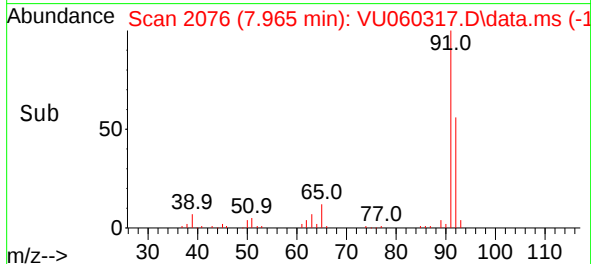
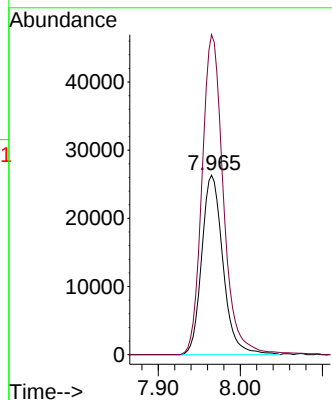
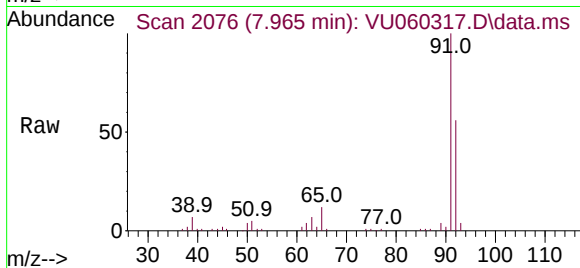
ClientSampleId :

Tgt Ion: 92 Resp: 47402

Ion Ratio Lower Upper

92 100

91 180.2 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 1.864 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060317.D

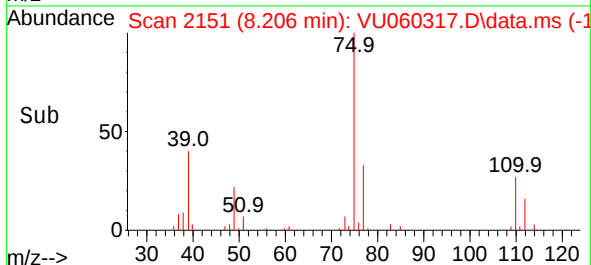
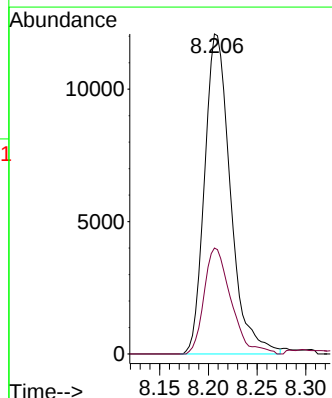
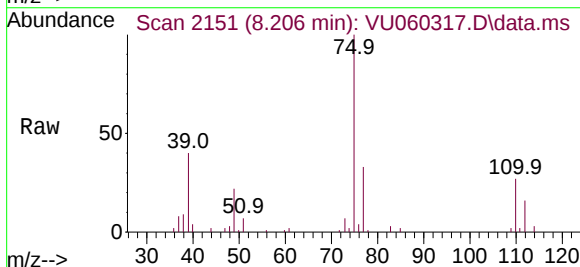
Acq: 06 Aug 2024 12:37

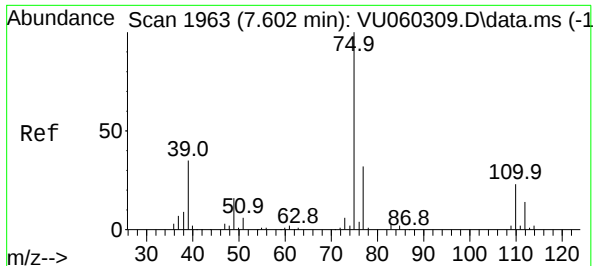
Tgt Ion: 75 Resp: 22325

Ion Ratio Lower Upper

75 100

77 33.1 24.6 37.0

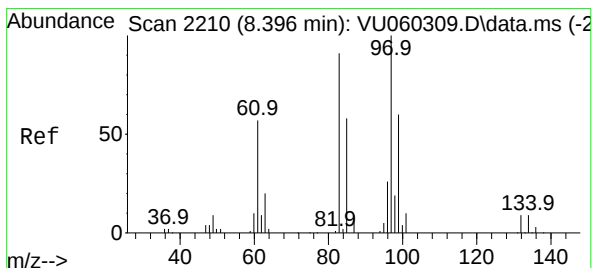
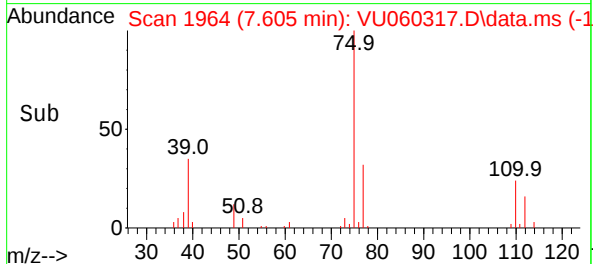
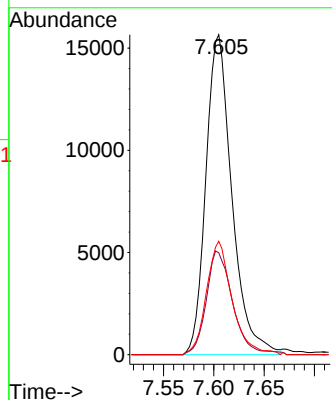
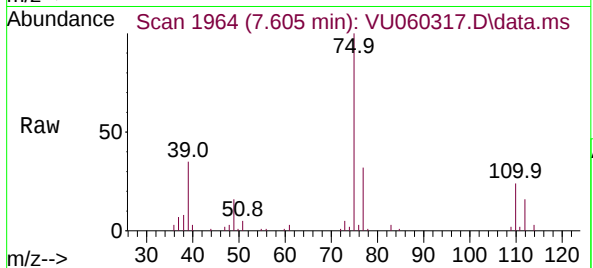




#51
 cis-1,3-Dichloropropene
 Concen: 1.957 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

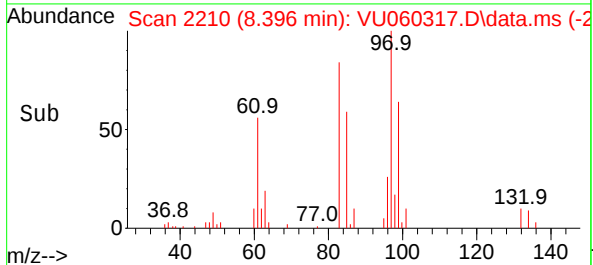
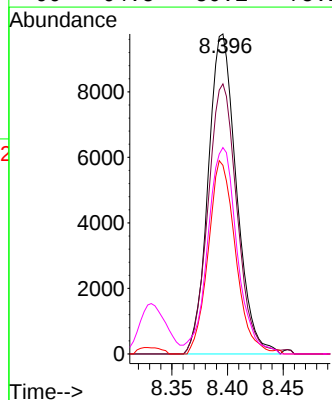
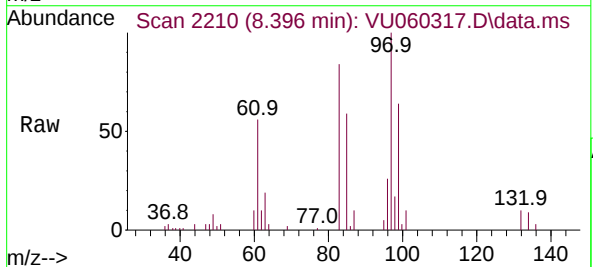
Instrument :
 MSVOA_U
 ClientSampleId :

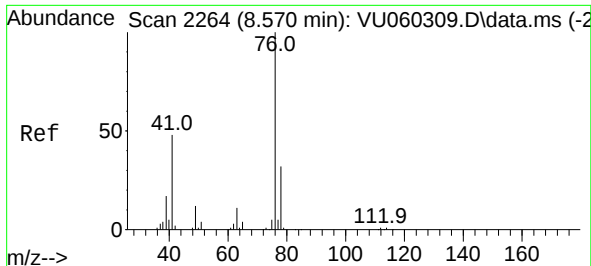
Tgt Ion: 75 Resp: 28189
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 35.4 28.0 42.0



#52
 1,1,2-Trichloroethane
 Concen: 1.943 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

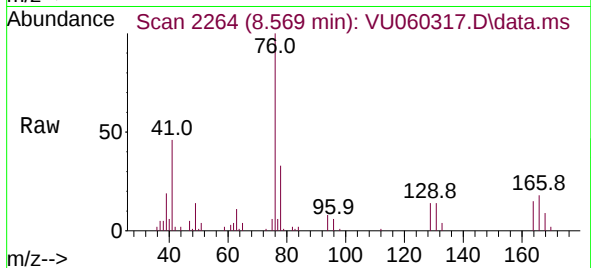
Tgt Ion: 97 Resp: 17236
 Ion Ratio Lower Upper
 97 100
 83 84.4 73.0 109.4
 85 59.0 46.2 69.4
 99 64.5 50.1 75.1



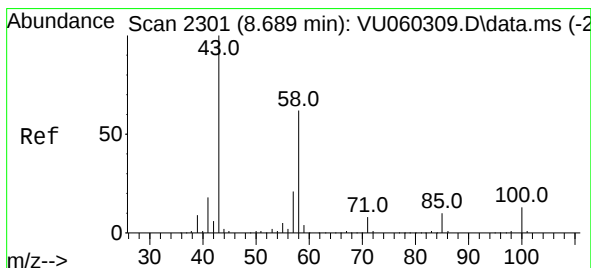
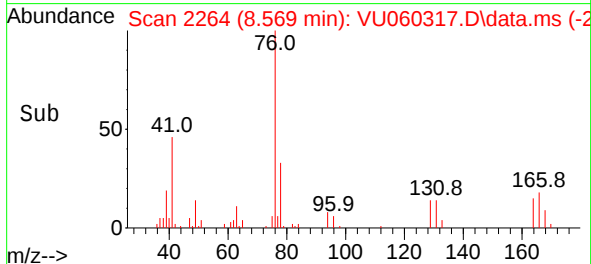
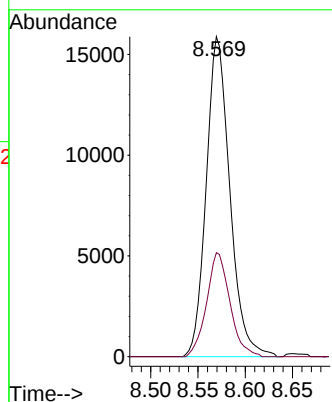


#53
1,3-Dichloropropane
Concen: 1.950 ug/l
RT: 8.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

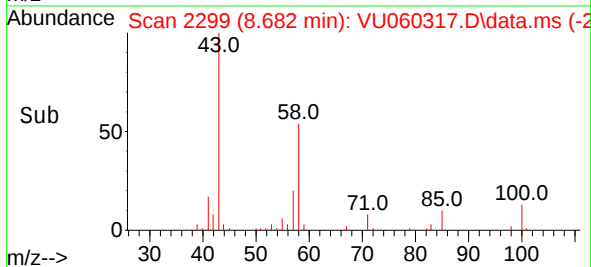
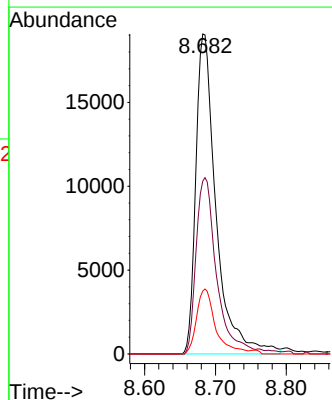
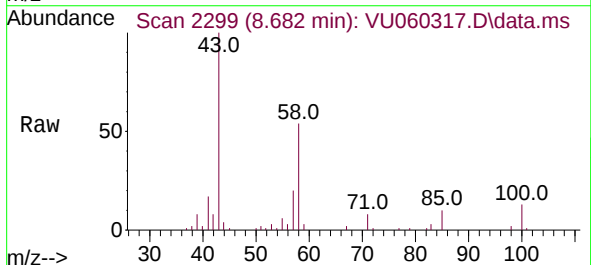


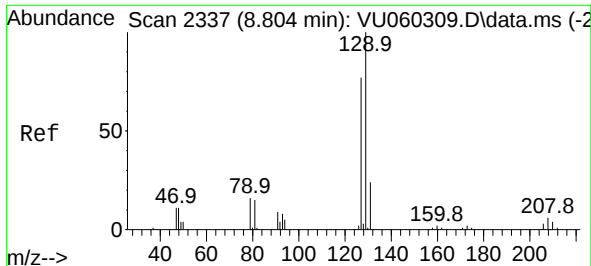
Tgt Ion: 76 Resp: 27603
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#54
2-Hexanone
Concen: 8.618 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.007 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 43 Resp: 37897
Ion Ratio Lower Upper
43 100
58 55.3 40.1 80.1
57 19.1 0.3 40.3





#55

Dibromochloromethane

Concen: 1.948 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

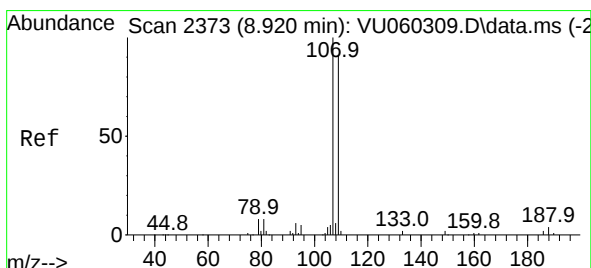
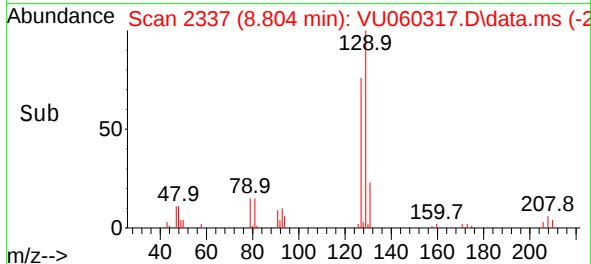
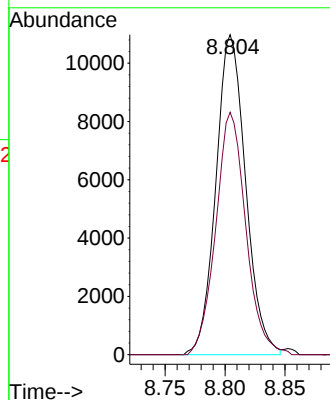
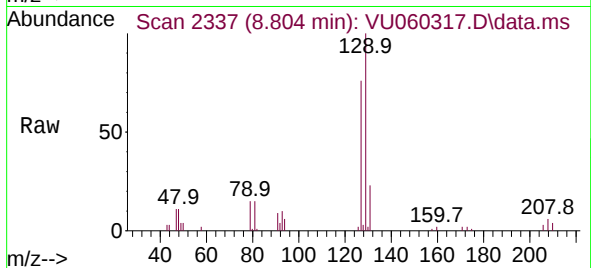
ClientSampleId :

Tgt Ion:129 Resp: 18948

Ion Ratio Lower Upper

129 100

127 76.5 61.6 92.4



#56

1,2-Dibromoethane

Concen: 1.929 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. -0.000 min

Lab File: VU060317.D

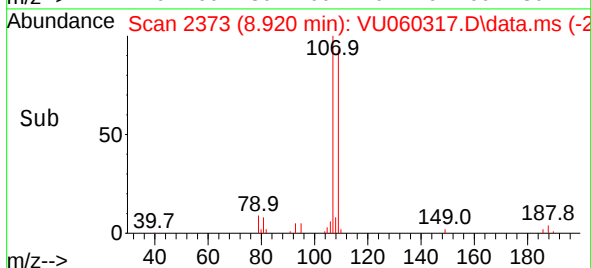
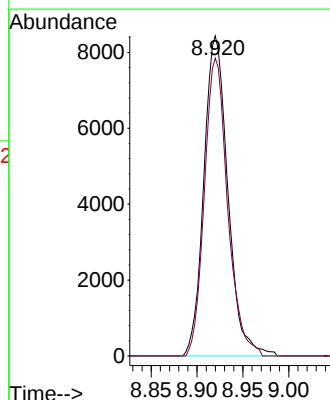
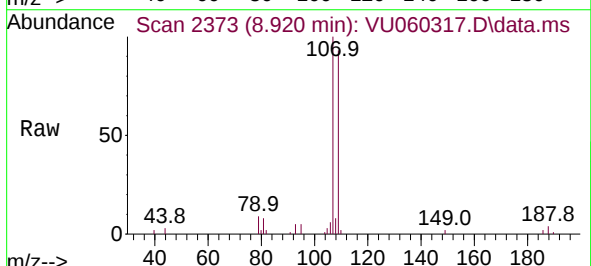
Acq: 06 Aug 2024 12:37

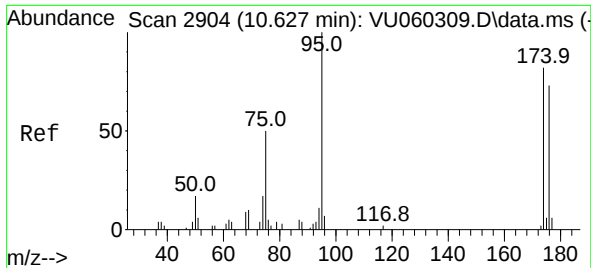
Tgt Ion:107 Resp: 15343

Ion Ratio Lower Upper

107 100

109 90.1 0.0 184.0

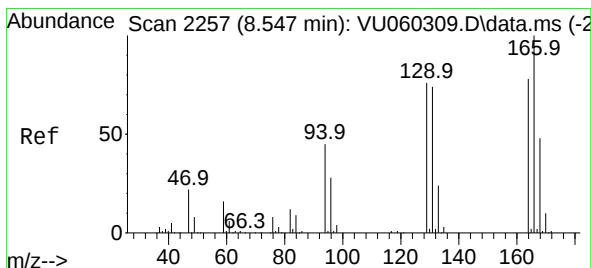
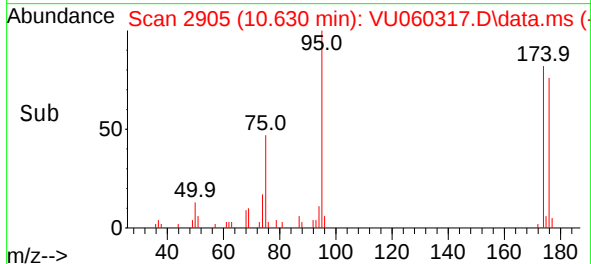
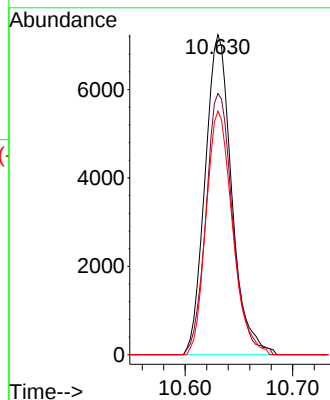
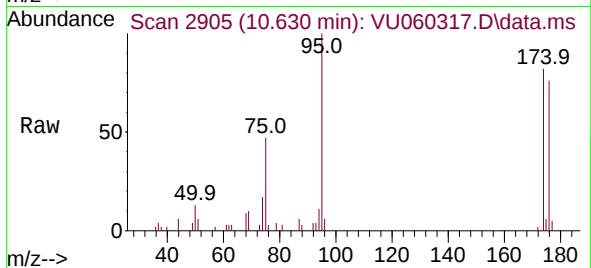




#57
4-Bromofluorobenzene
Concen: 1.022 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

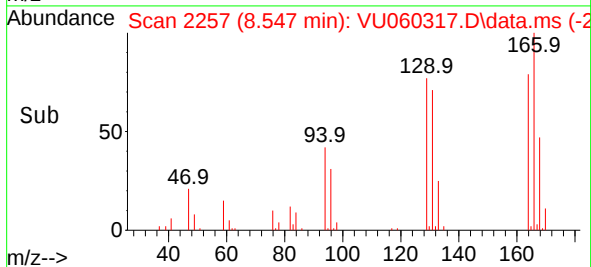
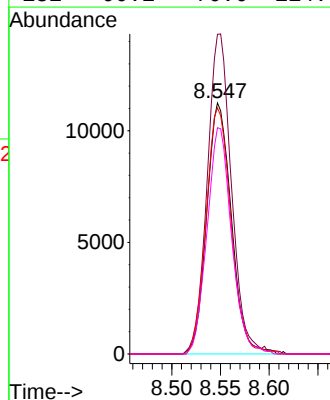
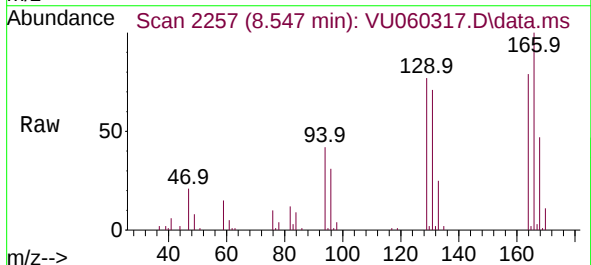
Instrument :
MSVOA_U
ClientSampleId :

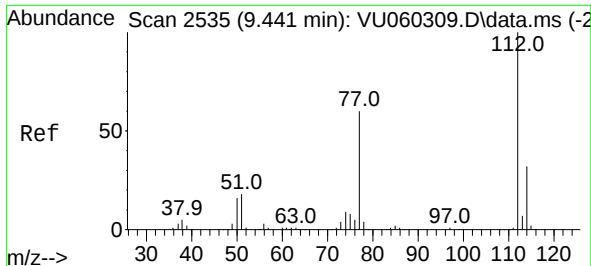
Tgt Ion: 95 Resp: 12438
Ion Ratio Lower Upper
95 100
174 82.1 65.6 98.4
176 75.5 60.4 90.6



#58
Tetrachloroethene
Concen: 2.028 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion:164 Resp: 19813
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 98.0 78.0 117.0
131 90.1 76.6 114.8





#59

Chlorobenzene

Concen: 2.031 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

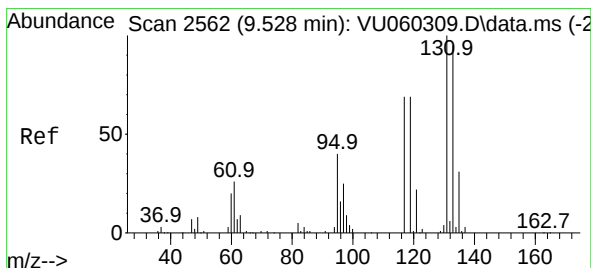
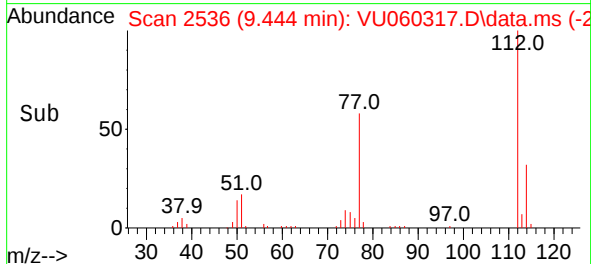
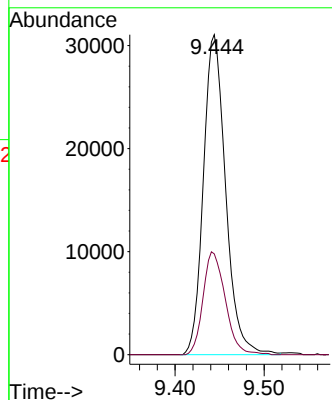
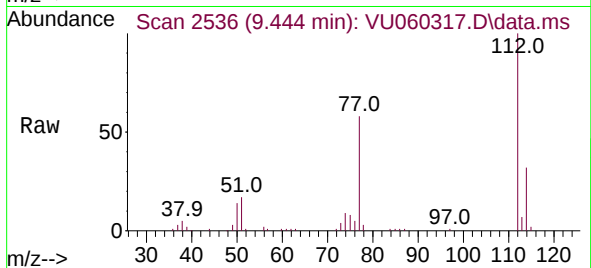
ClientSampleId :

Tgt Ion:112 Resp: 53839

Ion Ratio Lower Upper

112 100

114 31.5 25.3 37.9



#60

1,1,1,2-Tetrachloroethane

Concen: 1.946 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

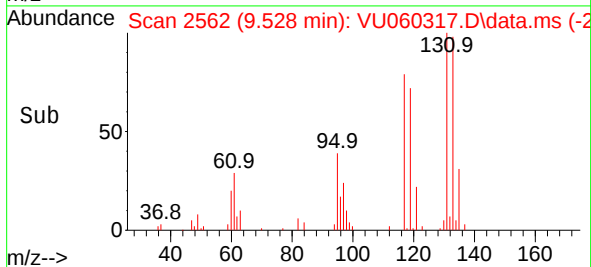
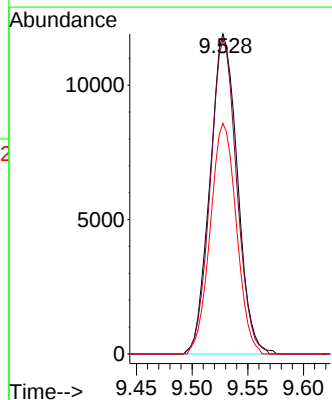
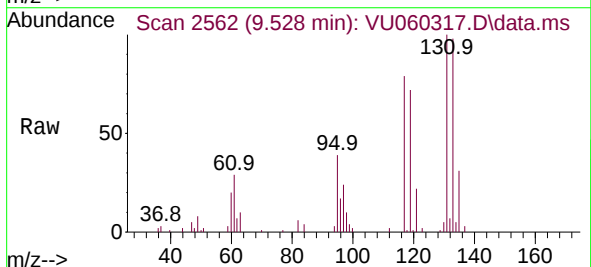
Tgt Ion:131 Resp: 20322

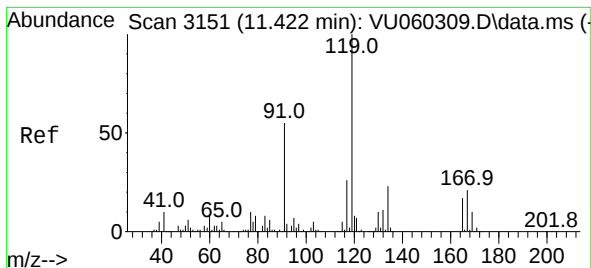
Ion Ratio Lower Upper

131 100

133 95.1 77.2 115.8

119 68.8 55.4 83.2





#61

Pentachloroethane

Concen: 1.868 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

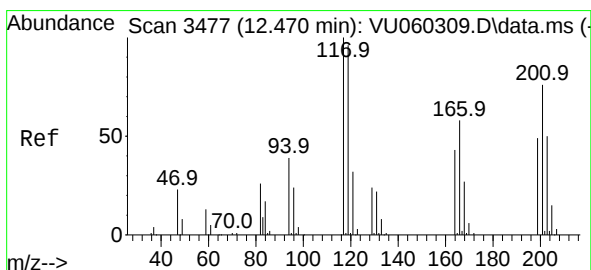
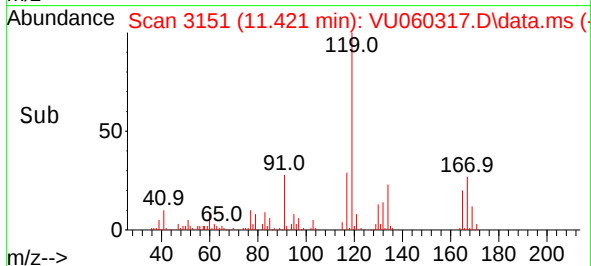
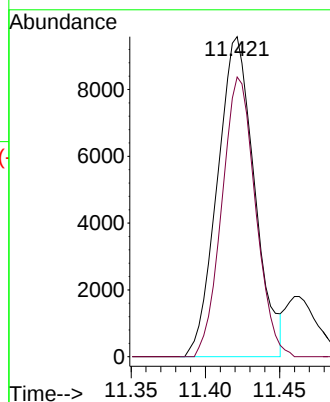
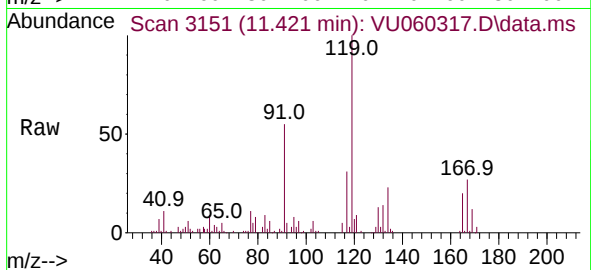
ClientSampleId :

Tgt Ion:117 Resp: 16661

Ion Ratio Lower Upper

117 100

167 79.0 62.2 93.4



#62

Hexachloroethane

Concen: 1.844 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.000 min

Lab File: VU060317.D

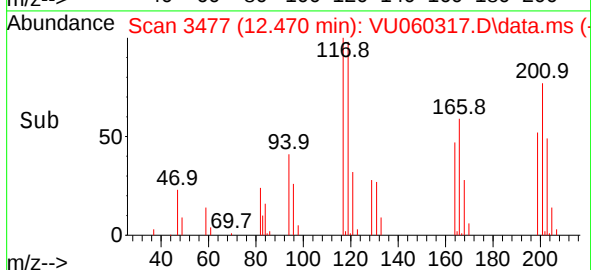
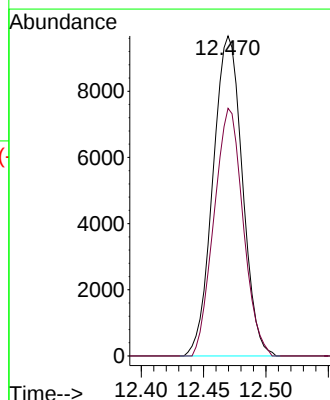
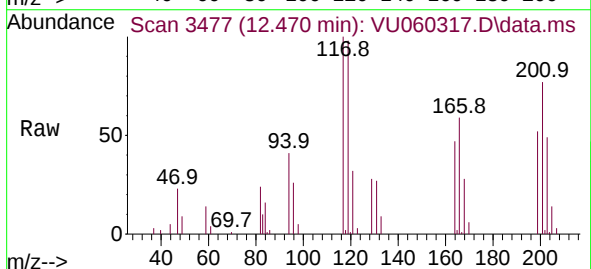
Acq: 06 Aug 2024 12:37

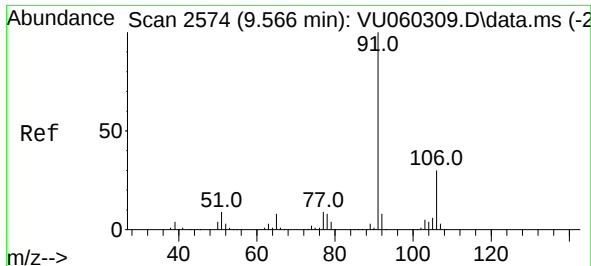
Tgt Ion:117 Resp: 15895

Ion Ratio Lower Upper

117 100

201 76.6 62.7 94.1





#63

Ethyl Benzene

Concen: 1.936 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

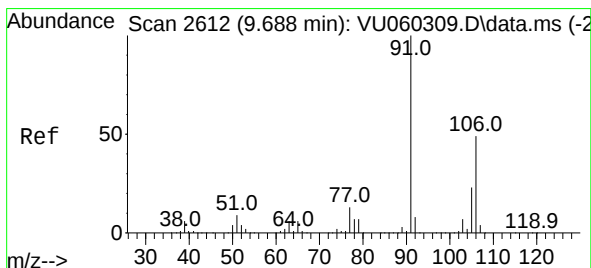
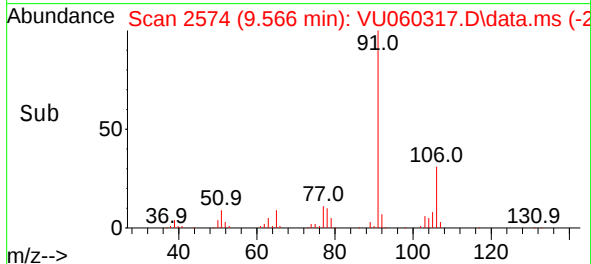
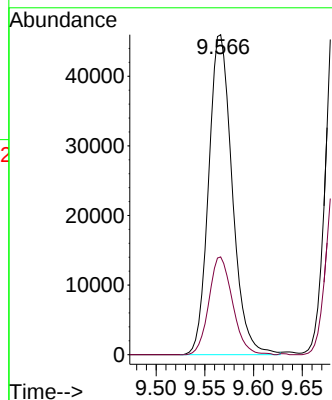
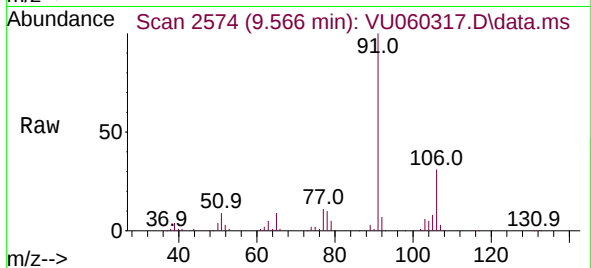
ClientSampleId :

Tgt Ion: 91 Resp: 77331

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#64

m/p-Xylenes

Concen: 3.787 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060317.D

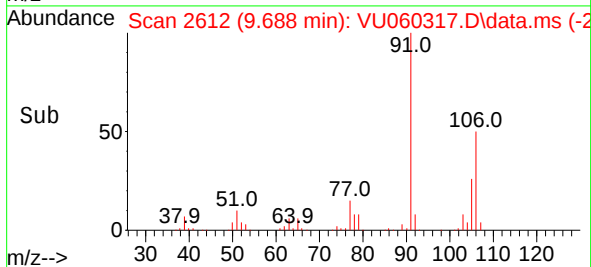
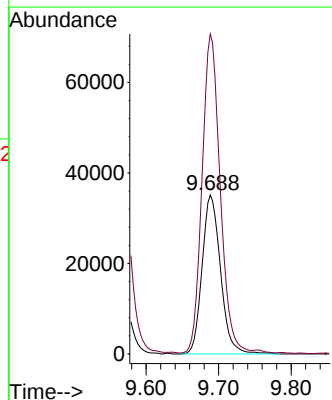
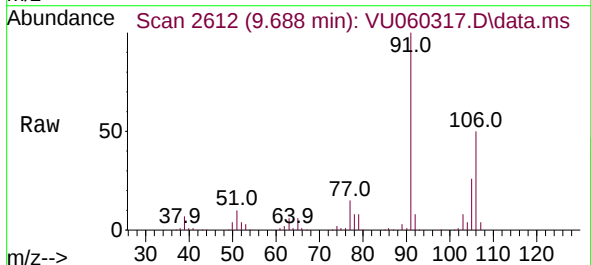
Acq: 06 Aug 2024 12:37

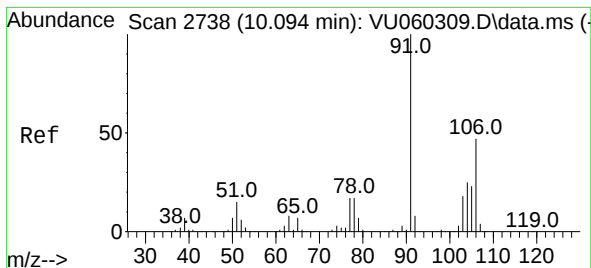
Tgt Ion: 106 Resp: 62027

Ion Ratio Lower Upper

106 100

91 196.7 165.0 247.4





#65

o-Xylene

Concen: 1.892 ug/l

RT: 10.093 min Scan# 2738

Delta R.T. -0.001 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

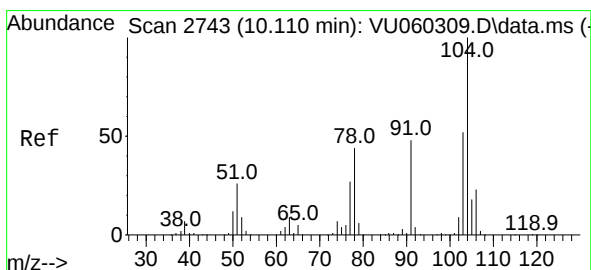
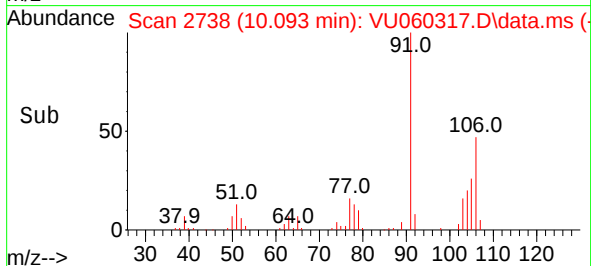
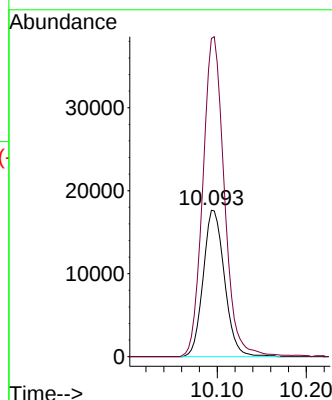
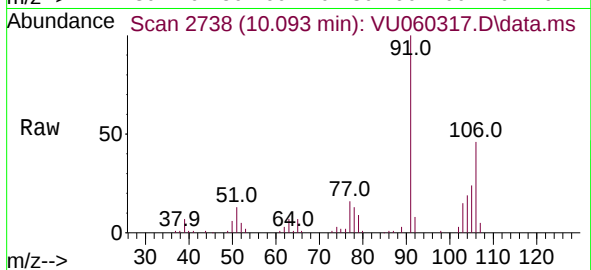
ClientSampleId :

Tgt Ion:106 Resp: 29355

Ion Ratio Lower Upper

106 100

91 221.1 108.8 326.4



#66

Styrene

Concen: 1.884 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

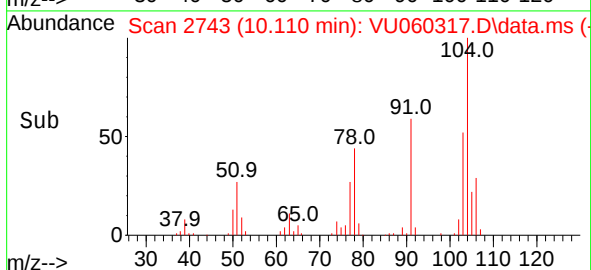
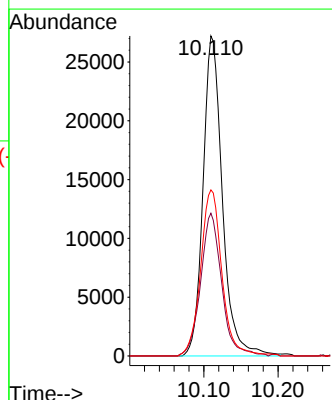
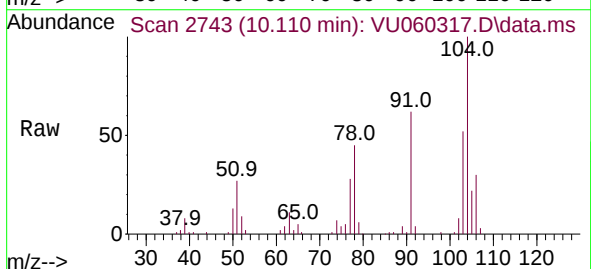
Tgt Ion:104 Resp: 49305

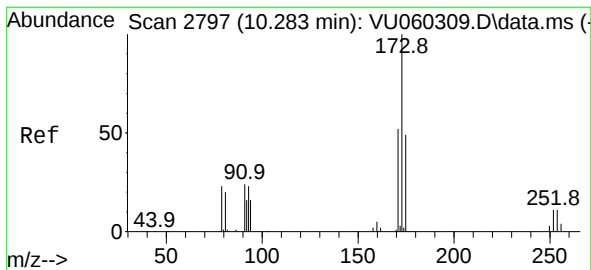
Ion Ratio Lower Upper

104 100

78 48.4 39.0 58.6

103 56.9 45.0 67.6





#67

Bromoform

Concen: 1.927 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

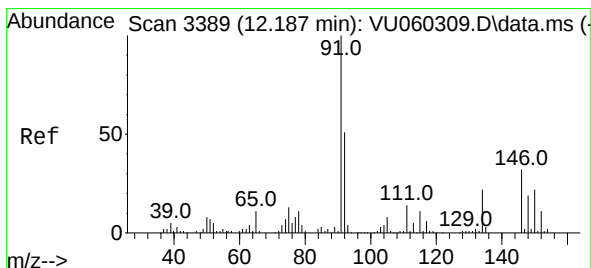
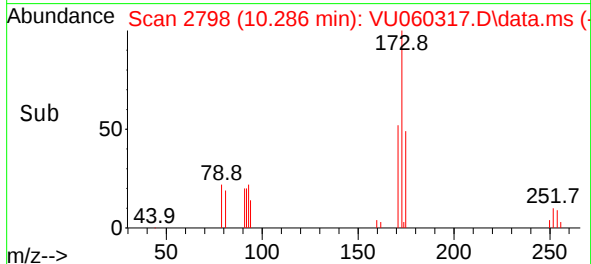
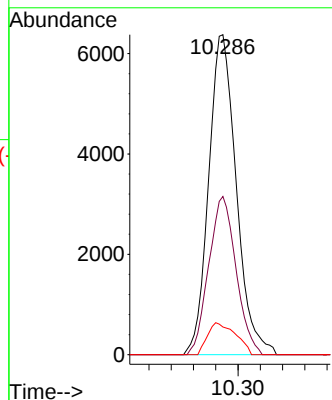
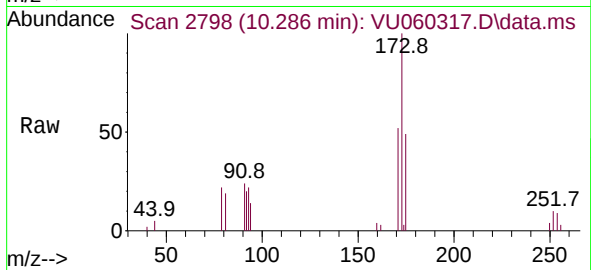
Tgt Ion:173 Resp: 10978

Ion Ratio Lower Upper

173 100

175 48.9 39.7 59.5

254 10.2 8.2 12.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.009 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

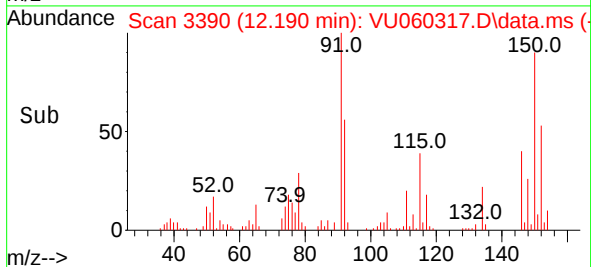
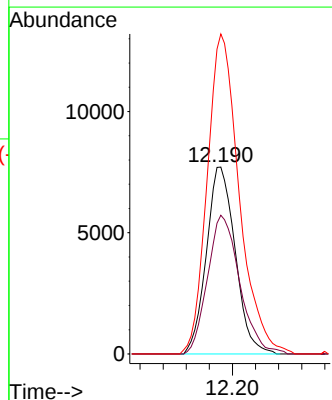
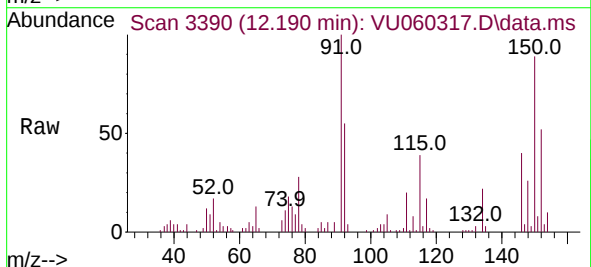
Tgt Ion:152 Resp: 13339

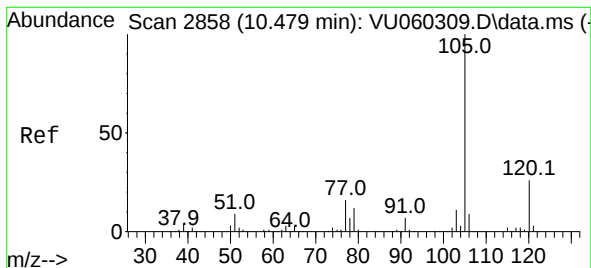
Ion Ratio Lower Upper

152 100

115 82.8 0.0 325.2

150 190.1 0.0 684.2





#69

Isopropylbenzene

Concen: 1.939 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

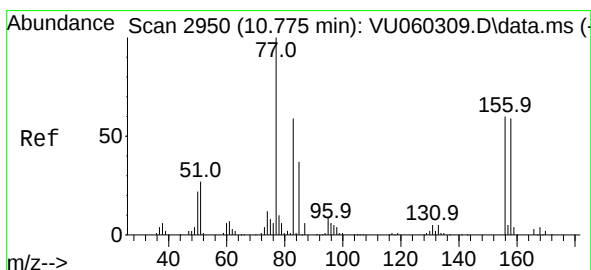
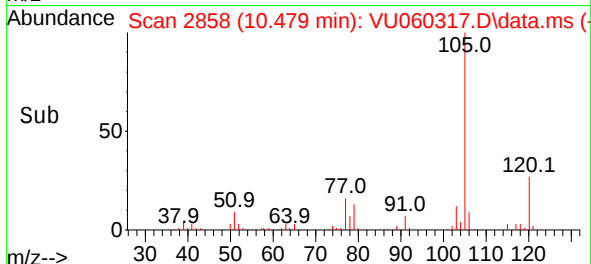
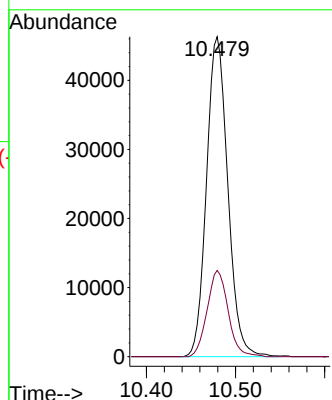
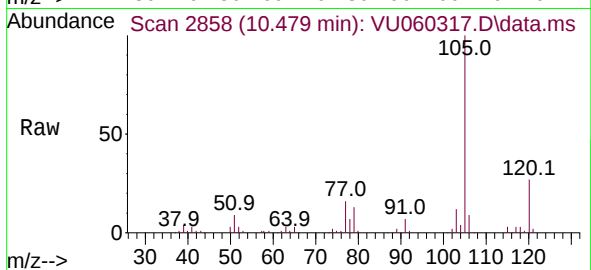
ClientSampleId :

Tgt Ion:105 Resp: 76819

Ion Ratio Lower Upper

105 100

120 26.6 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.900 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

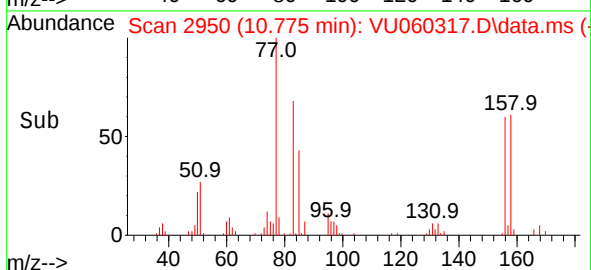
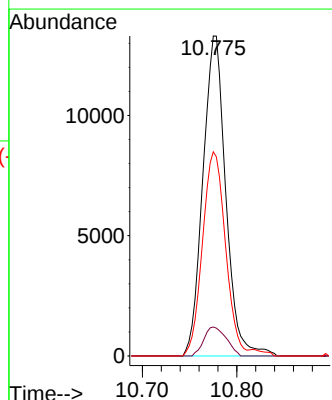
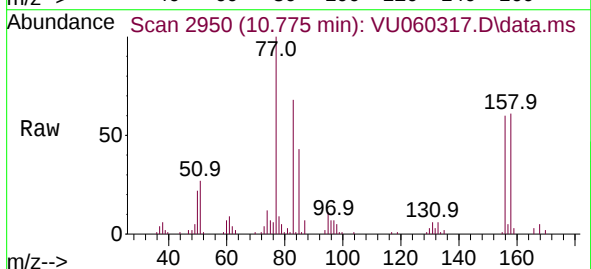
Tgt Ion: 83 Resp: 22429

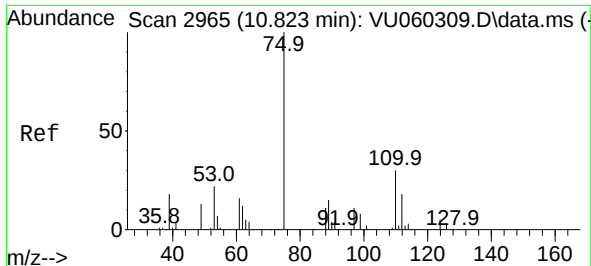
Ion Ratio Lower Upper

83 100

131 8.8 7.1 10.7

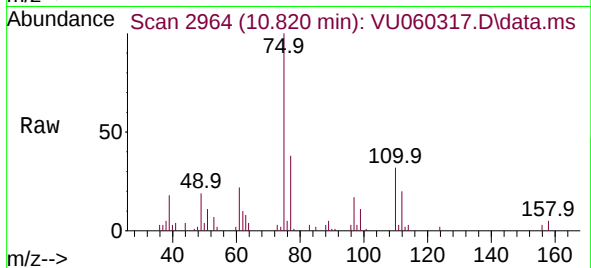
85 63.9 50.9 76.3



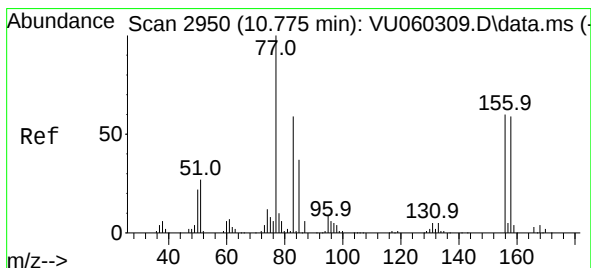
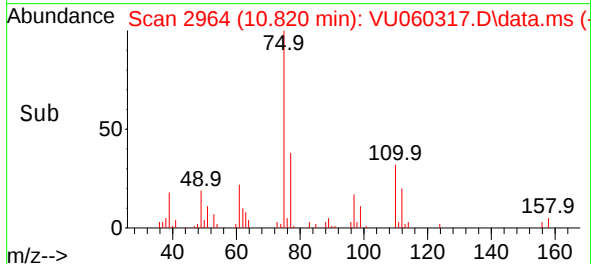
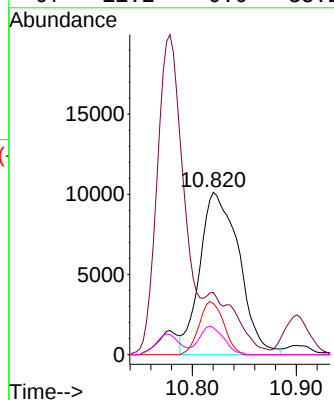


#71
1,2,3-Trichloropropane
Concen: 3.033 ug/l
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

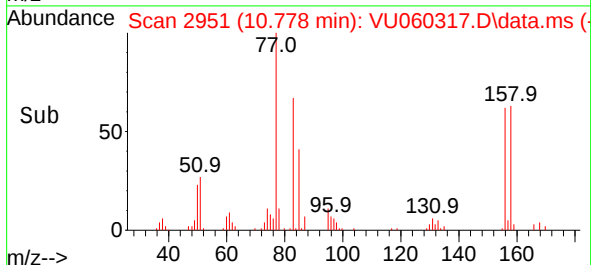
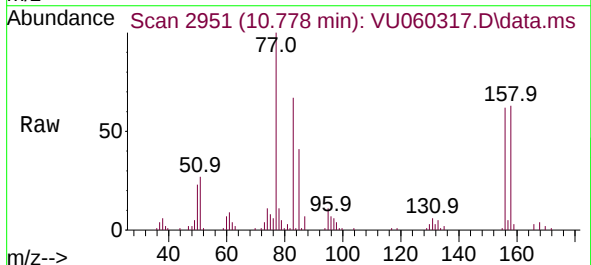
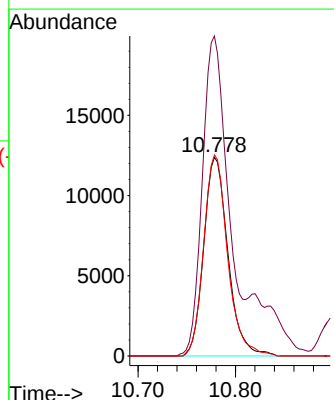


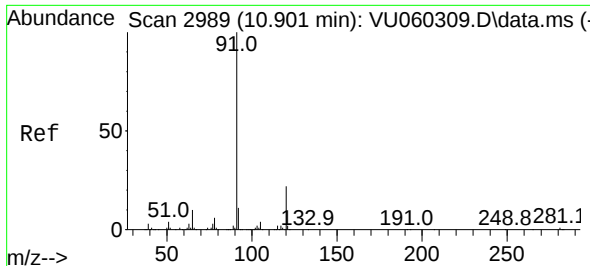
Tgt Ion: 75	Resp:	26512
Ion Ratio	Lower	Upper
75	100	
77	0.0	102.2
110	20.6	67.4
97	11.2	38.2



#72
Bromobenzene
Concen: 1.965 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

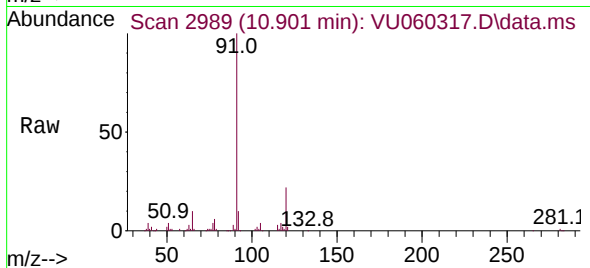
Tgt Ion: 156	Resp:	21388
Ion Ratio	Lower	Upper
156	100	
77	168.0	327.2
158	99.9	193.8



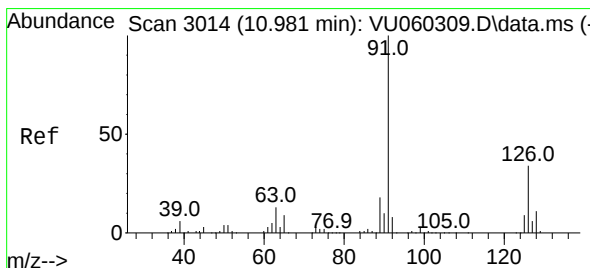
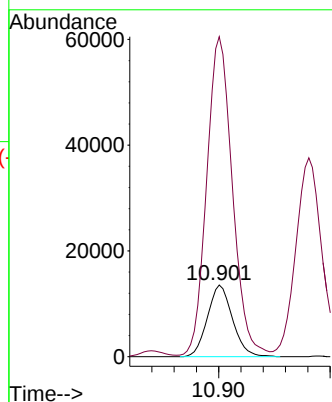
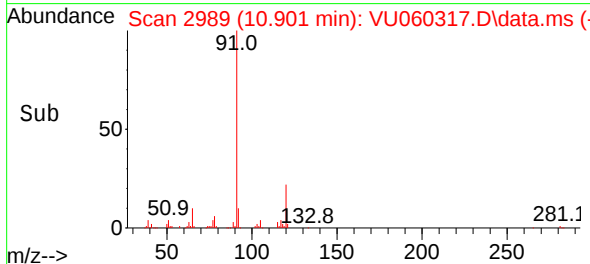


#73
n-propylbenzene
Concen: 1.890 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Instrument :
MSVOA_U
ClientSampleId :

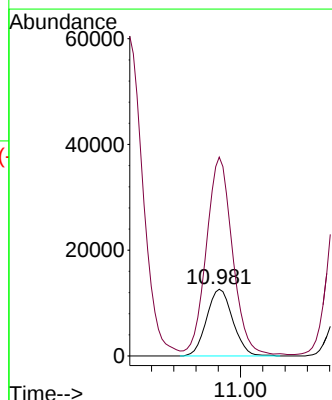
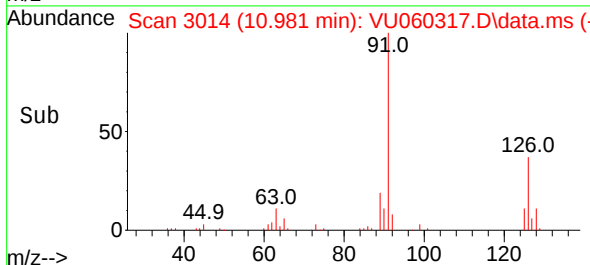
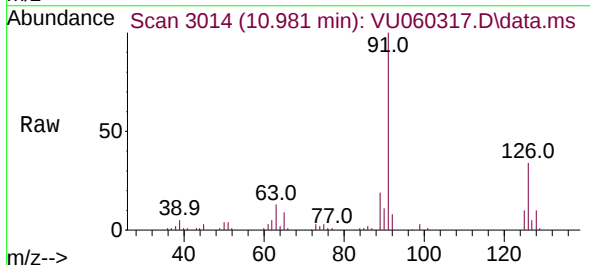


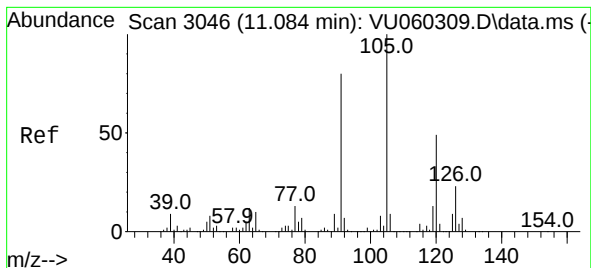
Tgt Ion:120 Resp: 21145
Ion Ratio Lower Upper
120 100
91 454.6 362.2 543.2



#74
2-Chlorotoluene
Concen: 1.886 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion:126 Resp: 20554
Ion Ratio Lower Upper
126 100
91 295.2 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 1.877 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

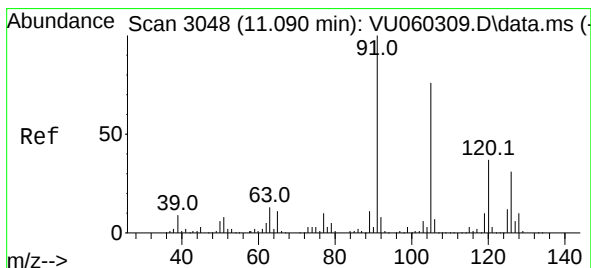
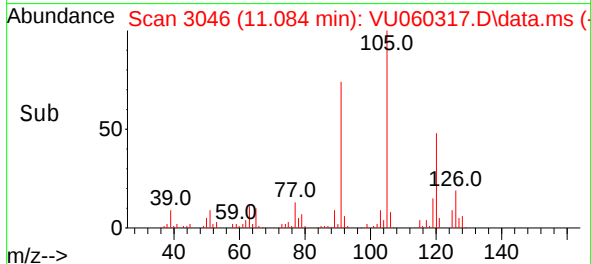
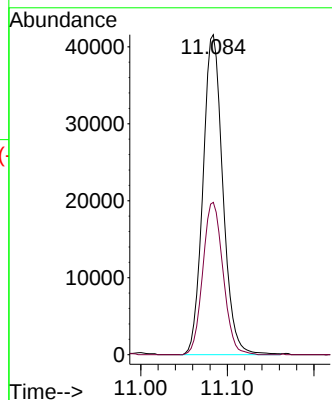
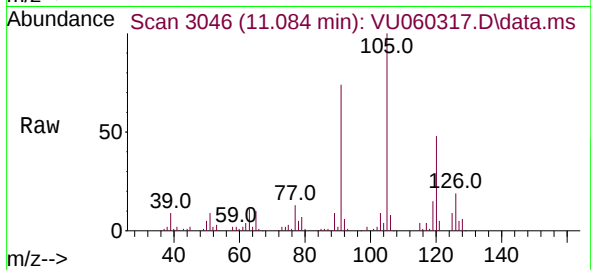
ClientSampleId :

Tgt Ion:105 Resp: 66351

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#76

4-Chlorotoluene

Concen: 1.935 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU060317.D

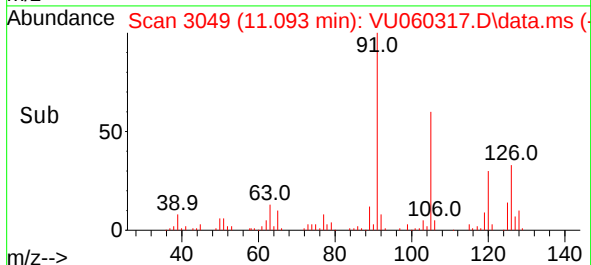
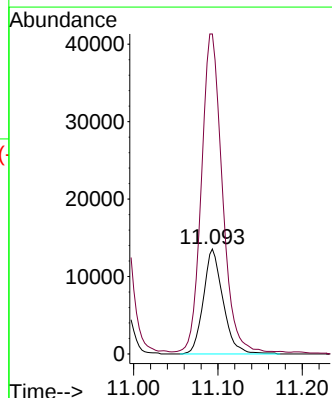
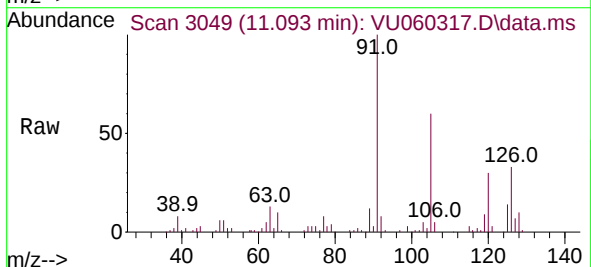
Acq: 06 Aug 2024 12:37

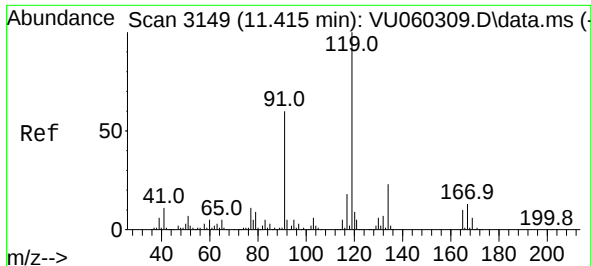
Tgt Ion:126 Resp: 21994

Ion Ratio Lower Upper

126 100

91 322.2 0.0 669.4

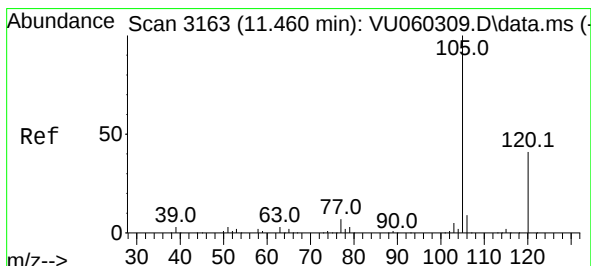
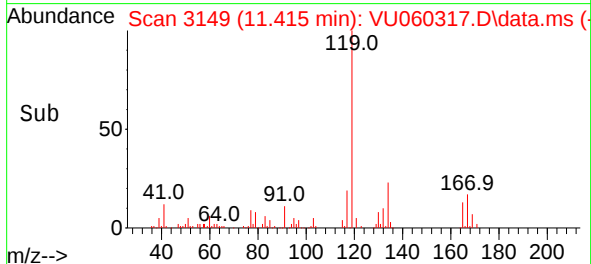
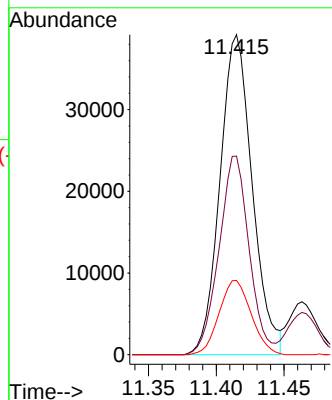
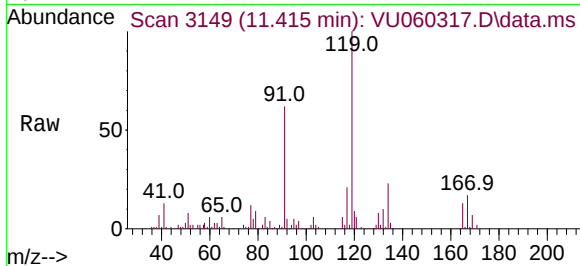




#77
tert-Butylbenzene
Concen: 1.917 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

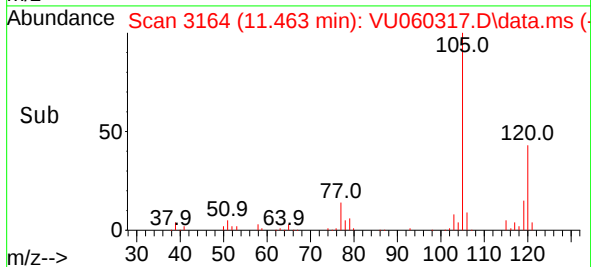
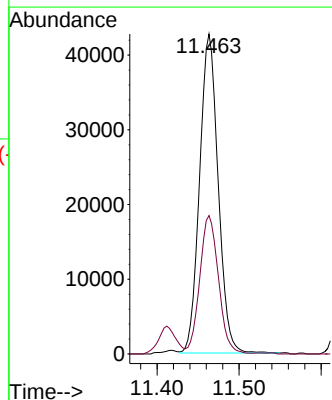
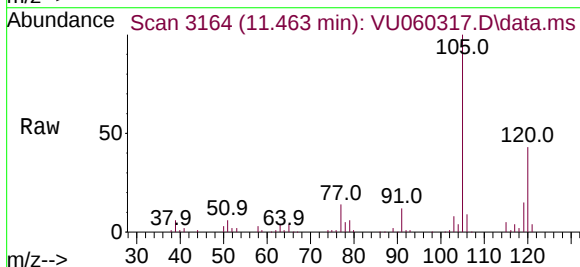
Instrument :
MSVOA_U
ClientSampleId :

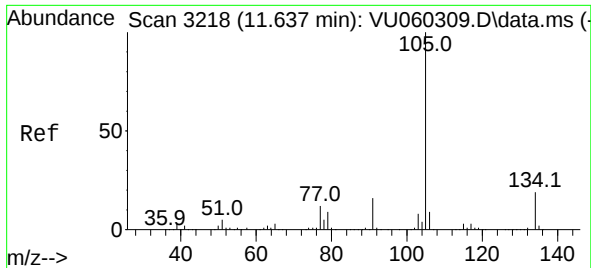
Tgt Ion:119 Resp: 64892
Ion Ratio Lower Upper
119 100
91 58.1 29.0 87.1
134 23.0 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 1.868 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion:105 Resp: 67077
Ion Ratio Lower Upper
105 100
120 43.3 22.6 67.7

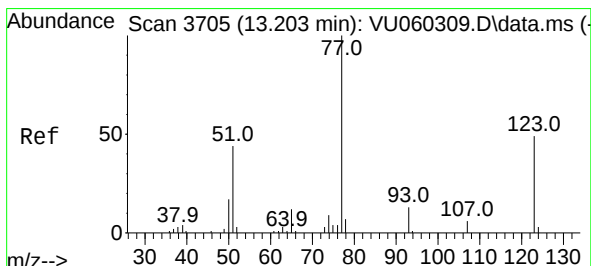
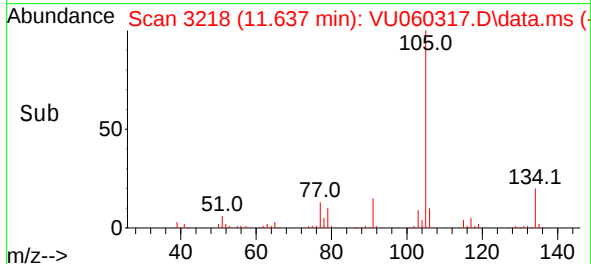
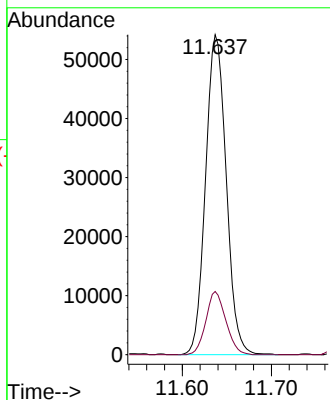
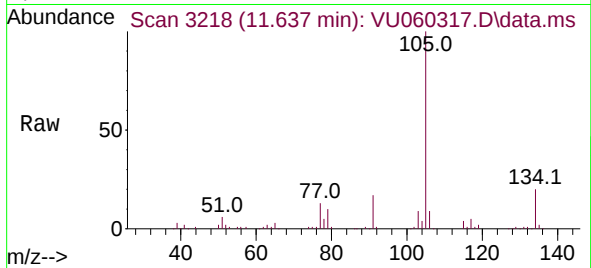




#79
sec-Butylbenzene
Concen: 1.893 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

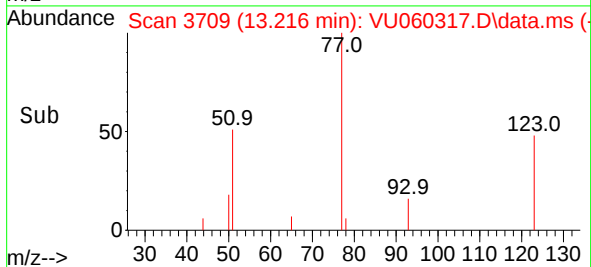
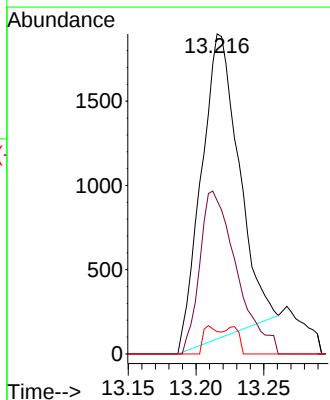
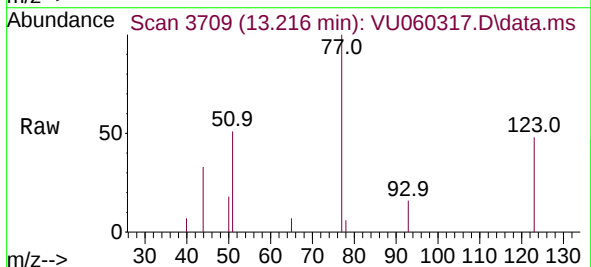
Instrument :
MSVOA_U
ClientSampleId :

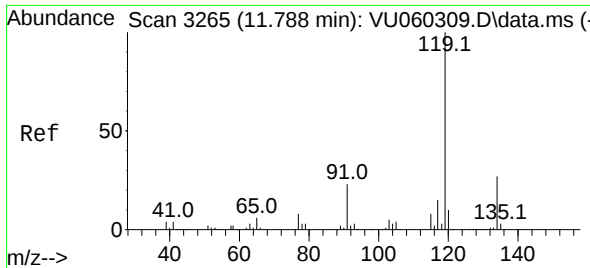
Tgt Ion:105 Resp: 87124
Ion Ratio Lower Upper
105 100
134 19.1 15.5 23.3



#80
Nitrobenzene
Concen: 6.709 ug/l
RT: 13.216 min Scan# 3709
Delta R.T. 0.013 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

Tgt Ion: 77 Resp: 3477
Ion Ratio Lower Upper
77 100
123 52.6 19.6 69.6
65 4.0 9.0 11.4#

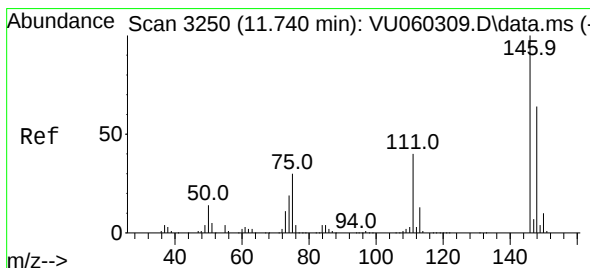
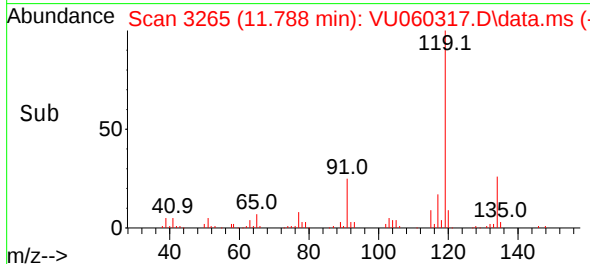
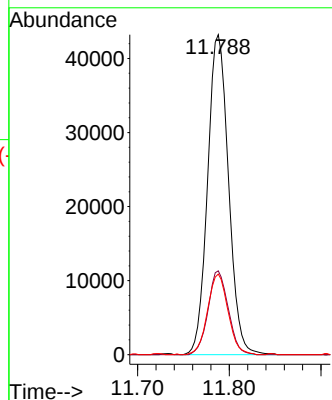
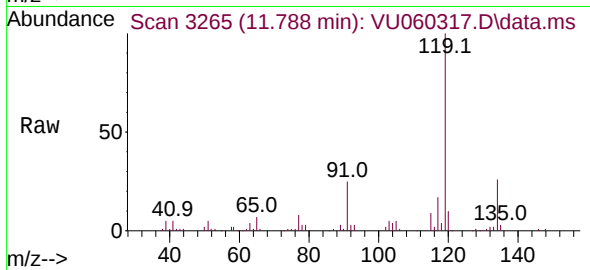




#81
 p-Isopropyltoluene
 Concen: 1.872 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

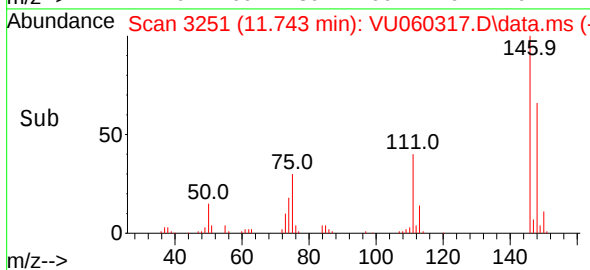
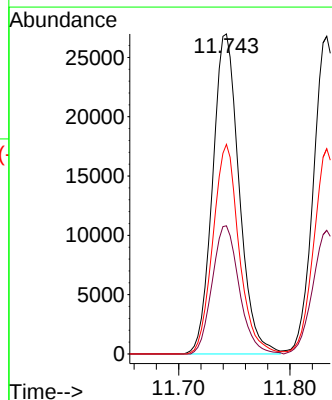
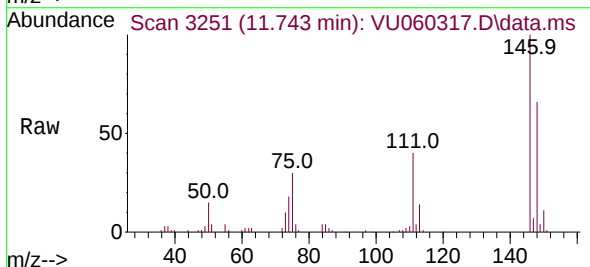
Instrument :
 MSVOA_U
 ClientSampleId :

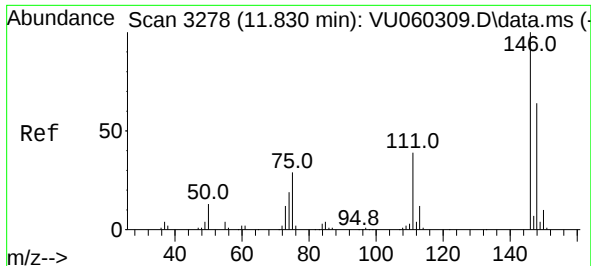
Tgt Ion:119 Resp: 68497
 Ion Ratio Lower Upper
 119 100
 134 25.3 21.2 31.8
 91 24.7 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 1.968 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU060317.D
 Acq: 06 Aug 2024 12:37

Tgt Ion:146 Resp: 44694
 Ion Ratio Lower Upper
 146 100
 111 40.7 32.0 48.0
 148 64.5 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 1.984 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

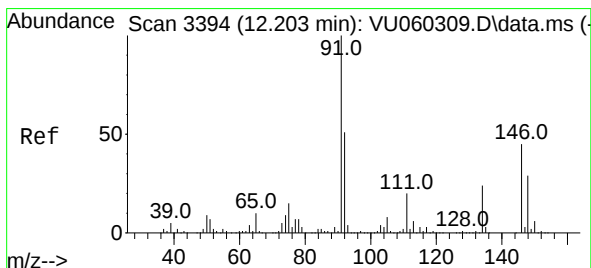
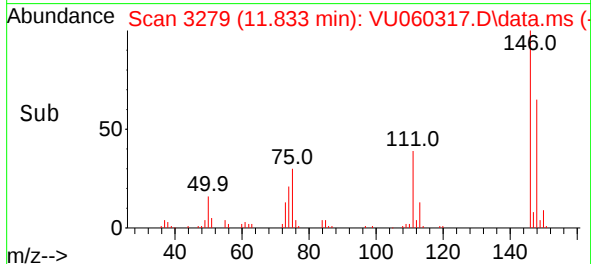
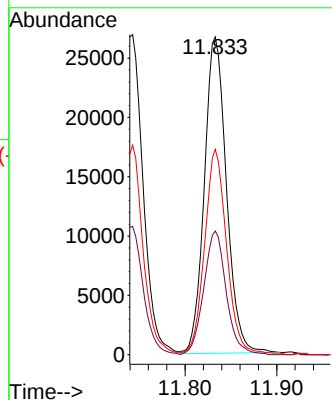
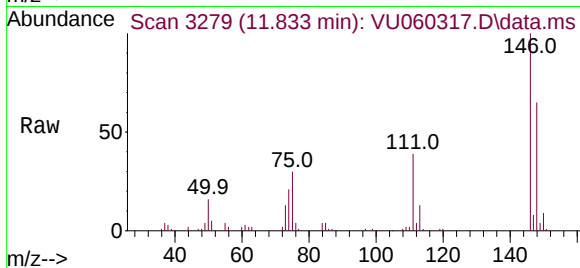
Tgt Ion:146 Resp: 44720

Ion Ratio Lower Upper

146 100

111 39.7 30.9 46.3

148 65.2 51.8 77.6



#84

n-Butylbenzene

Concen: 1.833 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

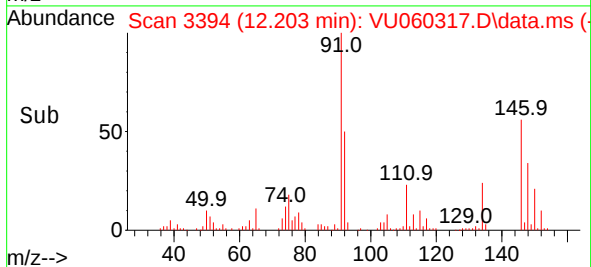
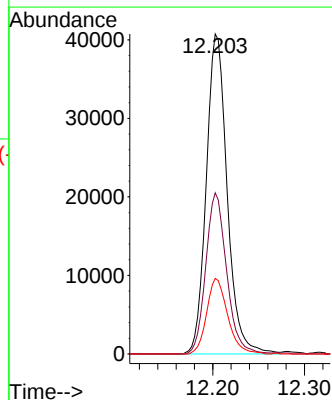
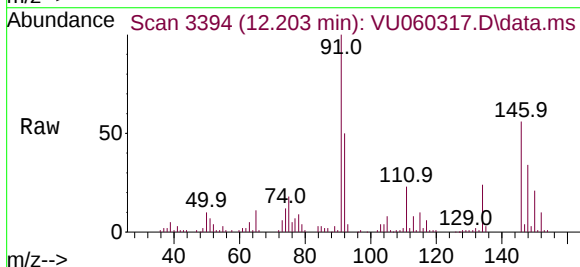
Tgt Ion: 91 Resp: 64582

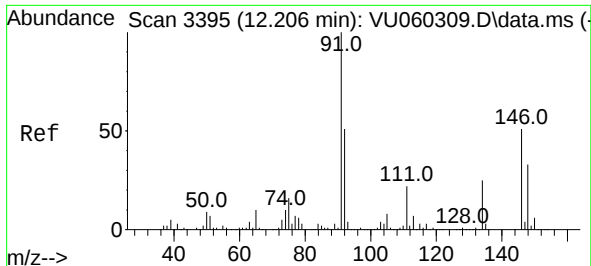
Ion Ratio Lower Upper

91 100

92 50.2 41.0 61.6

134 23.7 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 1.977 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

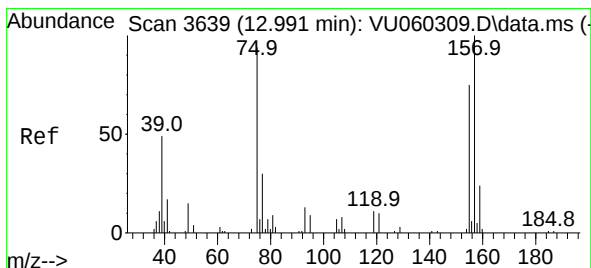
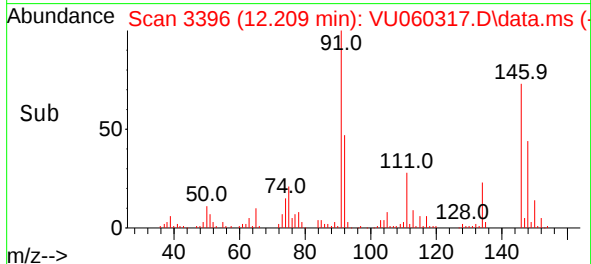
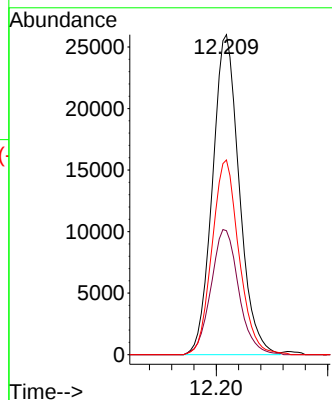
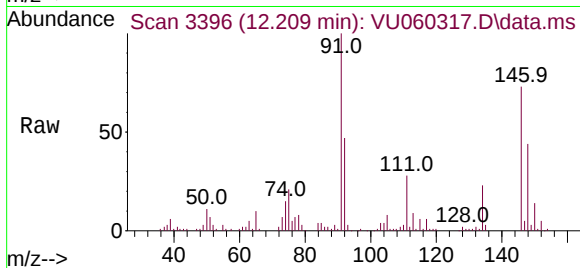
Tgt Ion:146 Resp: 43419

Ion Ratio Lower Upper

146 100

111 40.5 21.3 63.7

148 61.4 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.803 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

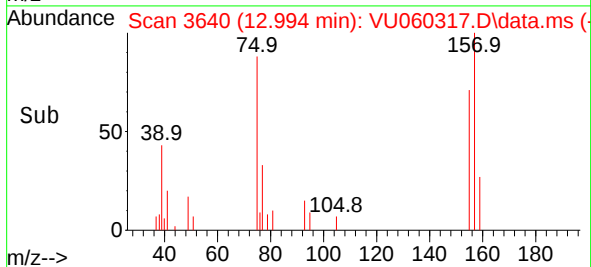
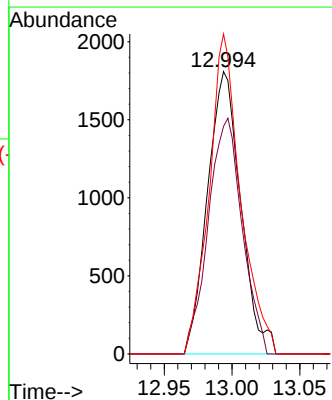
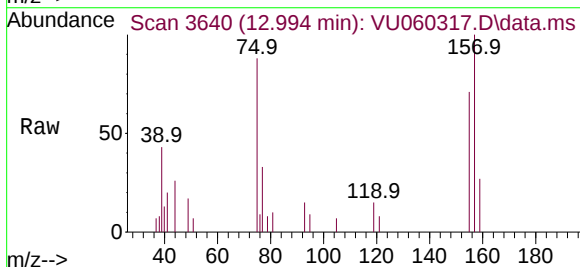
Tgt Ion: 75 Resp: 3086

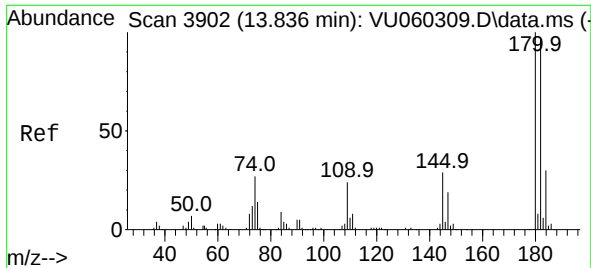
Ion Ratio Lower Upper

75 100

155 85.2 66.1 99.1

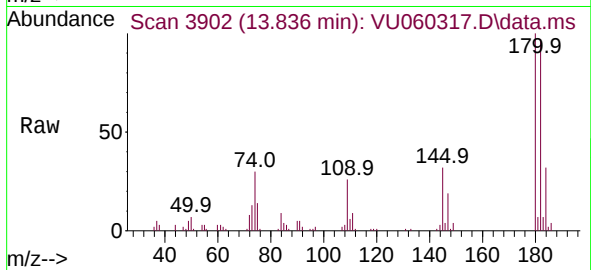
157 107.1 85.0 127.4



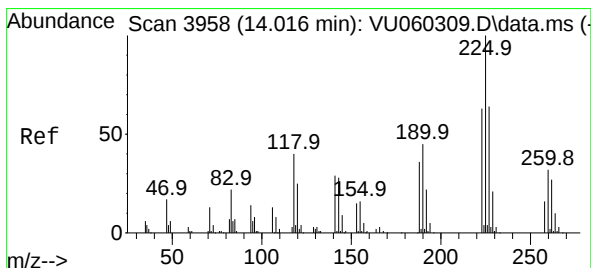
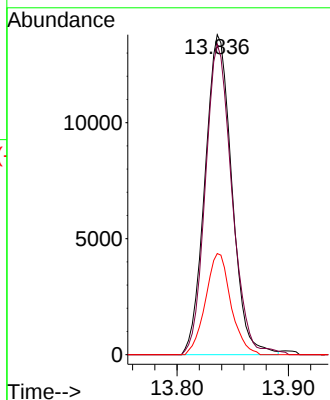
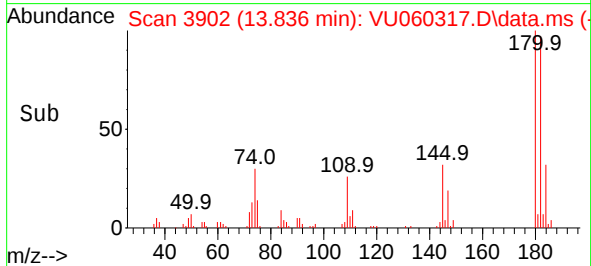


#87
1,2,4-Trichlorobenzene
Concen: 1.839 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37

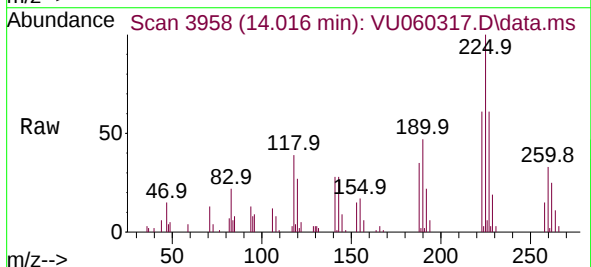
Instrument :
MSVOA_U
ClientSampleId :



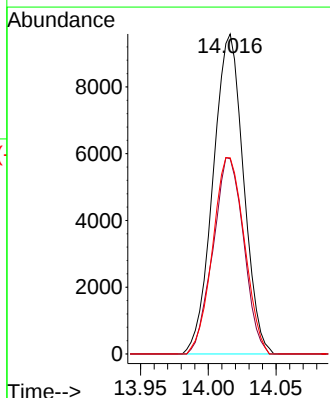
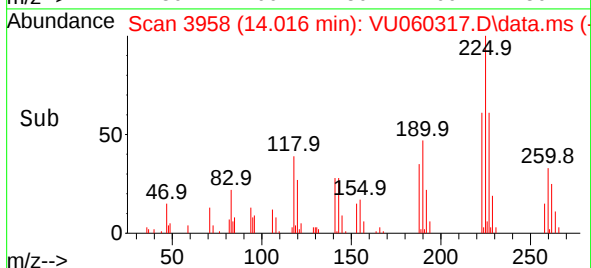
Tgt Ion:180 Resp: 23100
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 29.8 23.4 35.0

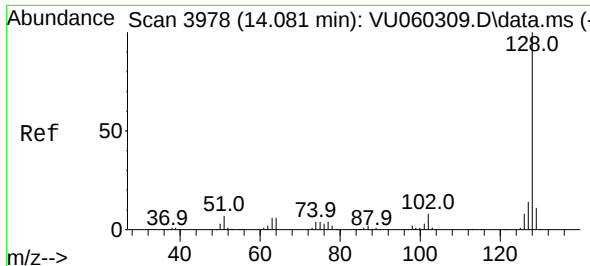


#88
Hexachlorobutadiene
Concen: 1.840 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. -0.000 min
Lab File: VU060317.D
Acq: 06 Aug 2024 12:37



Tgt Ion:225 Resp: 14950
Ion Ratio Lower Upper
225 100
223 61.7 50.8 76.2
227 64.0 50.8 76.2





#89

Naphthalene

Concen: 1.555 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060317.D

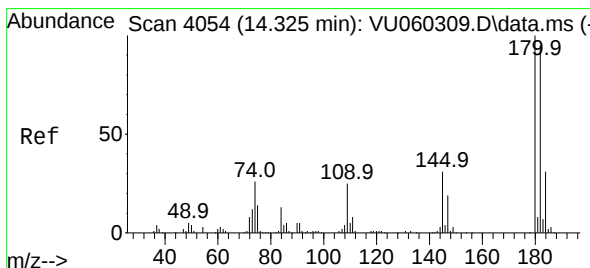
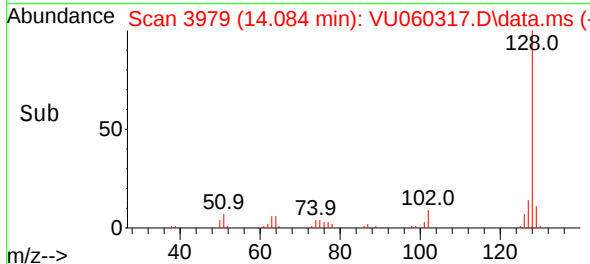
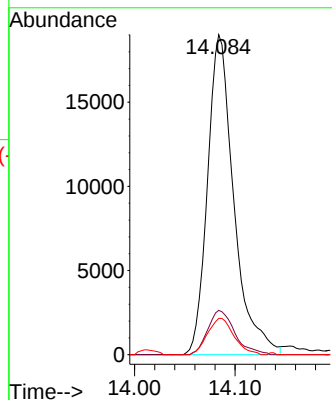
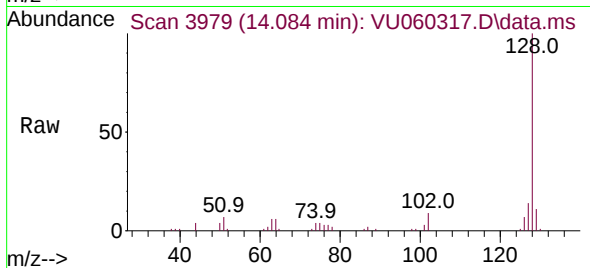
Acq: 06 Aug 2024 12:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	34568
Ion Ratio	Lower	Upper
128	100	
127	14.2	11.0 16.4
129	11.4	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 1.801 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060317.D

Acq: 06 Aug 2024 12:37

Tgt Ion:180	Resp:	22089
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.1 114.1
145	30.0	25.0 37.6

