

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060319.D
 Acq On : 06 Aug 2024 13:38
 Operator : MD/SY
 Sample : P3390-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 07:00:30 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	33757	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10927	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12654	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11777	0.907	ug/l	96
3) Chloromethane	1.518	50	12862	0.866	ug/l	99
4) Vinyl Chloride	1.599	62	13811	0.931	ug/l	99
5) Bromomethane	1.853	94	8711	0.955	ug/l	98
6) Chloroethane	1.930	64	9050	1.008	ug/l	98
7) Trichlorofluoromethane	2.132	101	16476	0.920	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	8960	0.920	ug/l	95
9) 1,1-Dichloroethene	2.573	96	9006	0.892	ug/l	92
10) Iodomethane	2.718	142	12996	0.869	ug/l	98
11) Allyl Chloride	2.920	41	10578	0.765	ug/l	97
12) Acrylonitrile	3.351	53	3097	1.175	ug/l	# 59
13) Acetone	2.653	43	10249	3.200	ug/l	97
14) Carbon Disulfide	2.785	76	31384	0.917	ug/l	96
15) Methylene Chloride	3.039	84	11253	0.891	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	9835	0.910	ug/l	90
17) 1,1-Dichloroethane	3.865	63	18225	0.877	ug/l	99
18) 2-Butanone	4.734	43	7211	1.949	ug/l	94
19) Cyclohexane	5.380	56	10683	0.596	ug/l	# 81
20) Methylcyclohexane	6.756	83	12196	0.858	ug/l	97
21) 2,2-Dichloropropane	4.653	77	13852	0.856	ug/l	97
22) cis-1,2-Dichloroethene	4.666	96	9934	0.858	ug/l	93
23) Diethyl Ether	2.374	59	7834	0.955	ug/l	98
24) tert-Butyl Alcohol	3.248	59	2785	2.718	ug/l	# 1
25) Methyl tert-Butyl Ether	3.364	73	18226	0.736	ug/l	97
26) Bromochloromethane	4.965	128	4805	0.980	ug/l	92
27) Chloroform	5.084	83	19044	0.936	ug/l	96
28) 1,1,1-Trichloroethane	5.316	97	15183	0.898	ug/l	96
29) 1,1-Dichloropropene	5.521	75	11312	0.835	ug/l	98
30) Carbon Tetrachloride	5.515	117	13173	0.957	ug/l	99
31) Isopropyl Ether	3.984	45	20124	0.662	ug/l	85
32) Ethyl-t-butyl ether	4.496	59	18929	0.644	ug/l	92
33) Tert-Amyl methyl ether	5.939	73	18053	0.866	ug/l	98
34) Propionitrile	4.811	54	598	0.565	ug/l	# 64
35) Benzene	5.772	78	37809	0.906	ug/l	96
36) 1,2-Dichloroethane	5.791	62	10680	0.921	ug/l	# 84
37) Trichloroethene	6.537	130	10146	0.982	ug/l	96
38) 1,2-Dichloropropane	6.785	63	10860	0.962	ug/l	94
39) Methacrylonitrile	4.988	41	1259	0.329	ug/l	# 86
41) Tetrahydrofuran	5.062	42	548	0.263	ug/l	# 1
42) 1-Chlorobutane	5.454	56	15705	0.841	ug/l	94
43) Dibromomethane	6.914	93	5329	0.933	ug/l	98
44) Bromodichloromethane	7.100	83	13105	0.956	ug/l	99
45) 4-Methyl-2-Pentanone	7.788	43	22326	4.164	ug/l	96

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Quant Time: Aug 07 07:00:30 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	11345	3.776	ug/l #	53
47) Methyl methacrylate	6.962	69	7744	1.671	ug/l	91
48) Ethyl methacrylate	8.332	69	6597	0.839	ug/l	97
49) Toluene	7.965	92	19818	0.857	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	10382	0.917	ug/l #	89
51) cis-1,3-Dichloropropene	7.605	75	12124	0.890	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	7876	0.940	ug/l	97
53) 1,3-Dichloropropane	8.573	76	12541	0.938	ug/l	98
54) 2-Hexanone	8.685	43	16291	3.921	ug/l	95
55) Dibromochloromethane	8.804	129	8838	0.961	ug/l	98
56) 1,2-Dibromoethane	8.923	107	7097	0.944	ug/l	92
58) Tetrachloroethene	8.550	164	8972	0.972	ug/l	94
59) Chlorobenzene	9.444	112	23643	0.944	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	9279	0.940	ug/l	98
61) Pentachloroethane	11.421	117	7526	0.893	ug/l	98
62) Hexachloroethane	12.470	117	7486	0.919	ug/l	95
63) Ethyl Benzene	9.566	91	33311	1.154	ug/l	100
64) m/p-Xylenes	9.688	106	24905	2.126	ug/l	96
65) o-Xylene	10.097	106	13220	1.134	ug/l	92
66) Styrene	10.113	104	19027	1.048	ug/l	96
67) Bromoform	10.283	173	5336	0.991	ug/l #	98
69) Isopropylbenzene	10.479	105	32470	1.130	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	10290	0.923	ug/l #	94
71) 1,2,3-Trichloropropane	10.817	75	11345	1.373	ug/l #	54
72) Bromobenzene	10.778	156	9792	0.952	ug/l	96
73) n-propylbenzene	10.901	120	8588	1.091	ug/l	97
74) 2-Chlorotoluene	10.981	126	8664	1.016	ug/l	96
75) 1,3,5-Trimethylbenzene	11.084	105	25981	1.046	ug/l	98
76) 4-Chlorotoluene	11.097	126	8505	0.991	ug/l	95
77) tert-Butylbenzene	11.415	119	27340	1.102	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	25974	1.059	ug/l	100
79) sec-Butylbenzene	11.637	105	35980	1.082	ug/l	99
80) Nitrobenzene	13.222	77	1444	2.948	ug/l #	89
81) p-Isopropyltoluene	11.788	119	26937	1.083	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	19472	0.907	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	20653	0.969	ug/l	94
84) n-Butylbenzene	12.206	91	27196	1.099	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	19780	0.953	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	1527	0.944	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.839	180	10584	0.892	ug/l	96
88) Hexachlorobutadiene	14.013	225	7393	0.963	ug/l	94
89) Naphthalene	14.087	128	15778	0.751	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	9603	0.829	ug/l	97

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

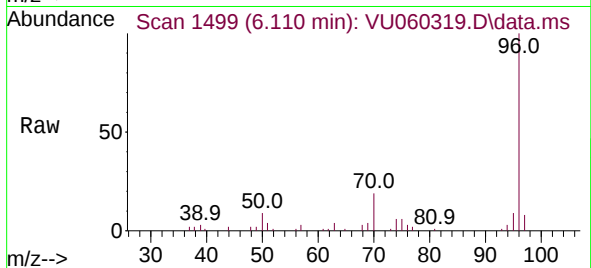
Quant Time: Aug 07 07:00:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
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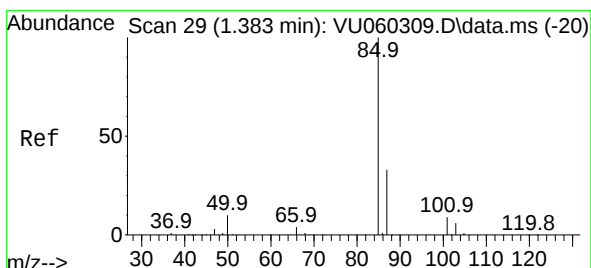
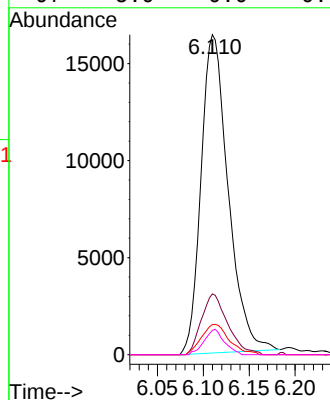
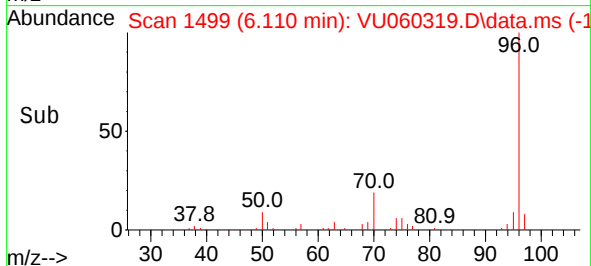


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Instrument :
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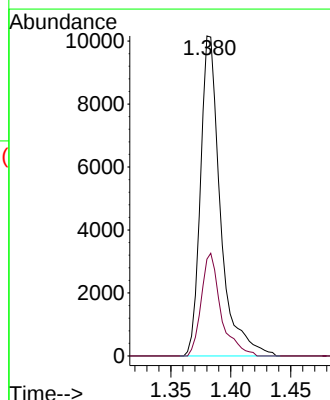
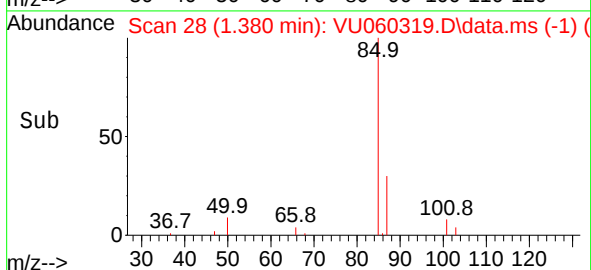
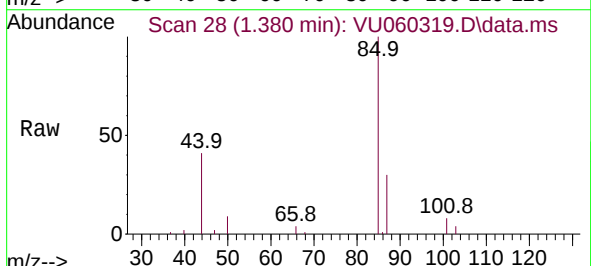


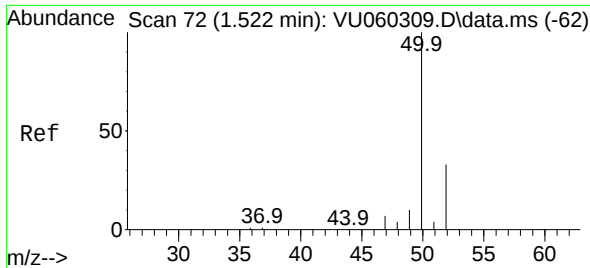
Tgt Ion: 96 Resp: 33757
Ion Ratio Lower Upper
96 100
70 18.5 17.2 25.8
95 9.7 7.9 11.9
97 5.9 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.907 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

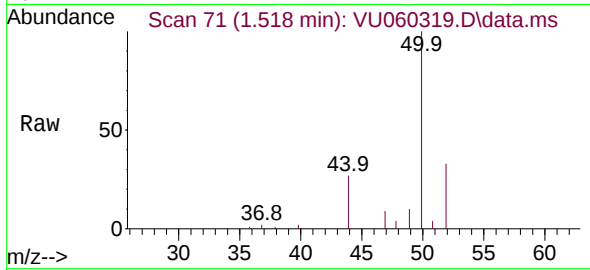
Tgt Ion: 85 Resp: 11777
Ion Ratio Lower Upper
85 100
87 30.3 16.3 48.9



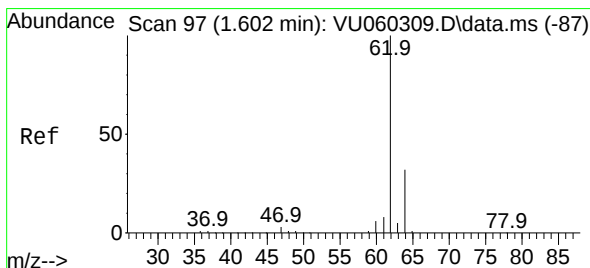
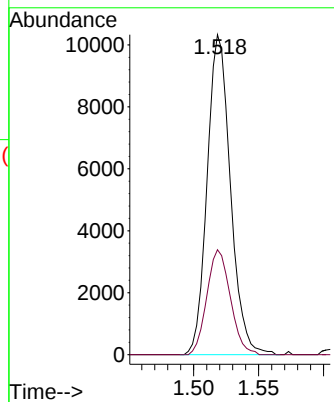
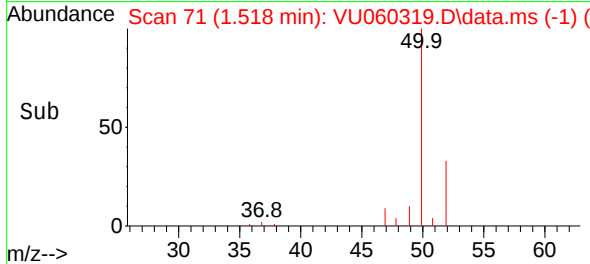


#3
Chloromethane
Concen: 0.866 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

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ClientSampleId :

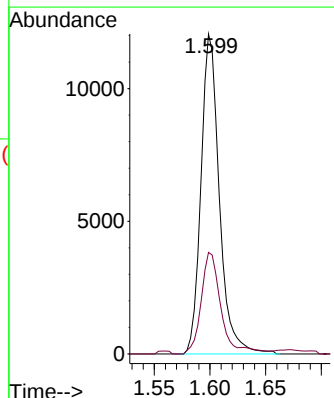
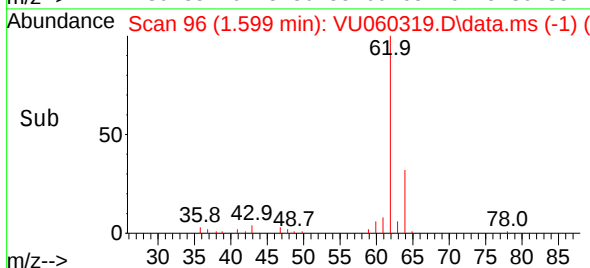
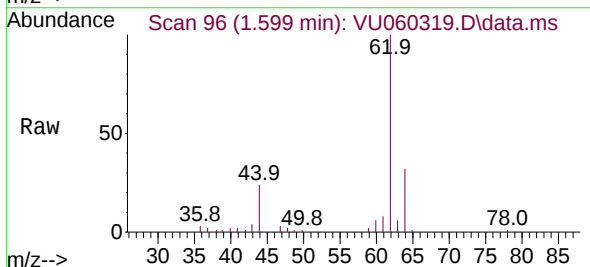


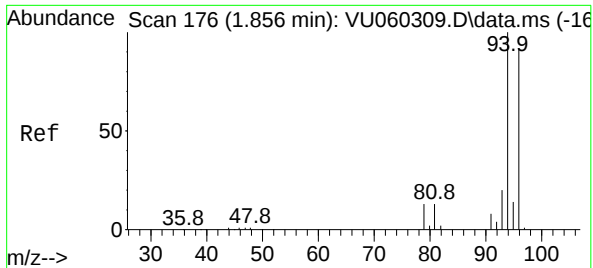
Tgt Ion: 50 Resp: 12862
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 0.931 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 62 Resp: 13811
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

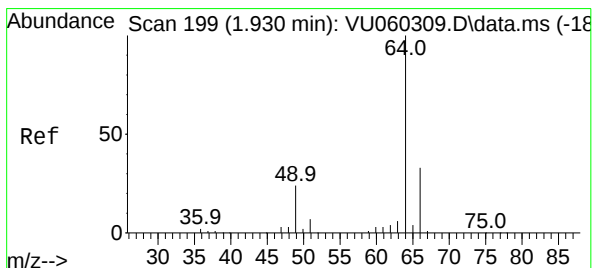
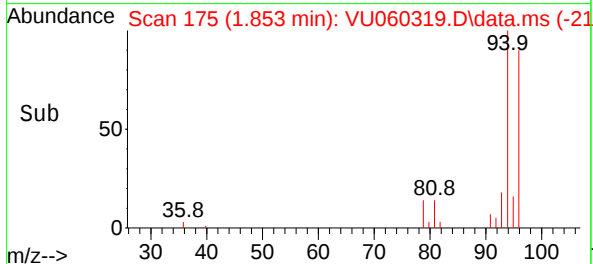
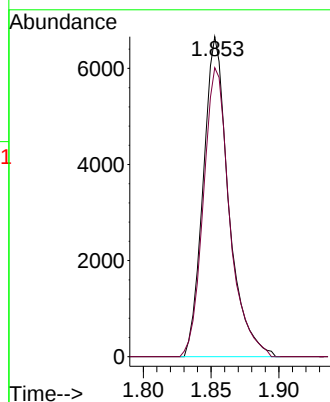
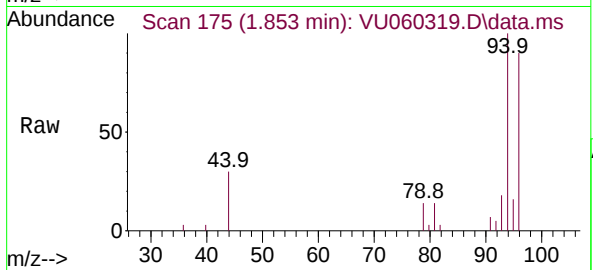




#5
Bromomethane
Concen: 0.955 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

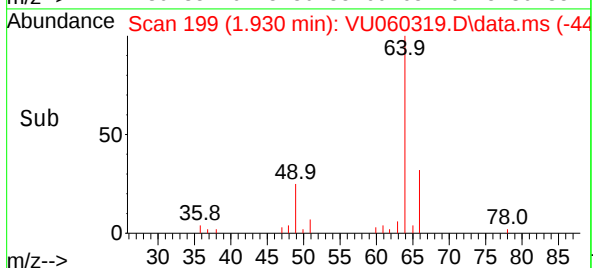
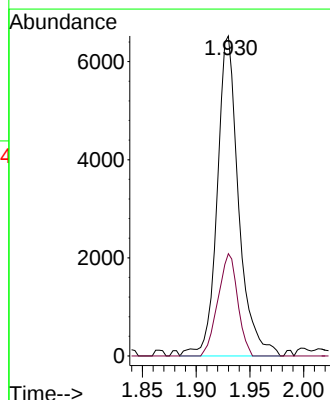
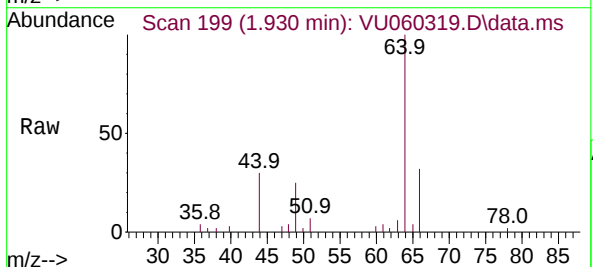
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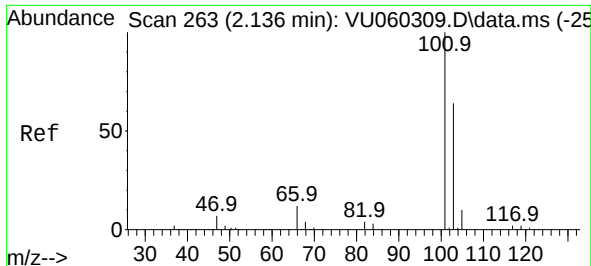
Tgt Ion: 94 Resp: 8711
Ion Ratio Lower Upper
94 100
96 90.3 73.8 110.8



#6
Chloroethane
Concen: 1.008 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 64 Resp: 9050
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5

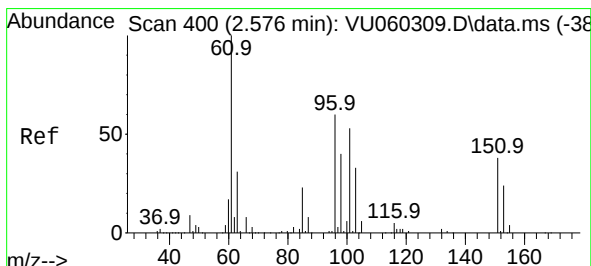
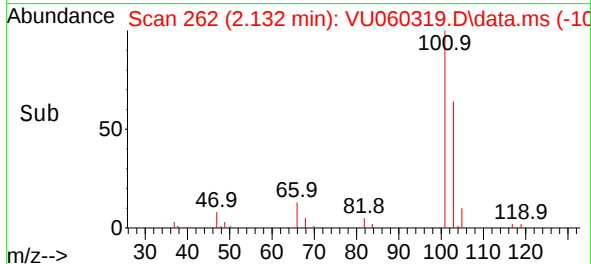
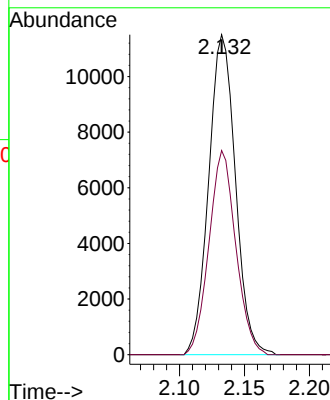
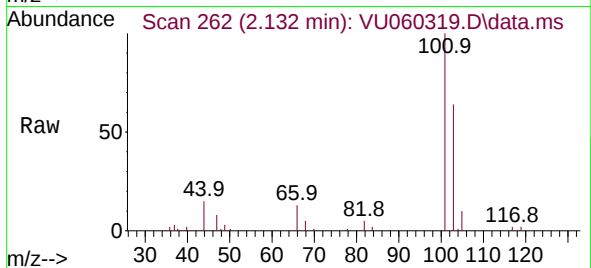




#7
Trichlorofluoromethane
Concen: 0.920 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

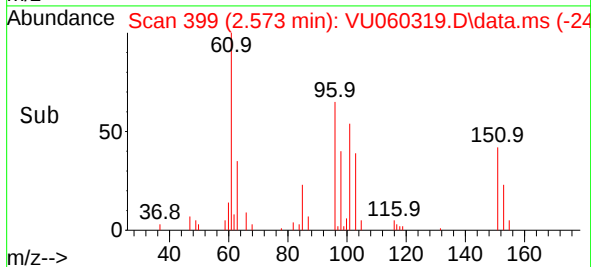
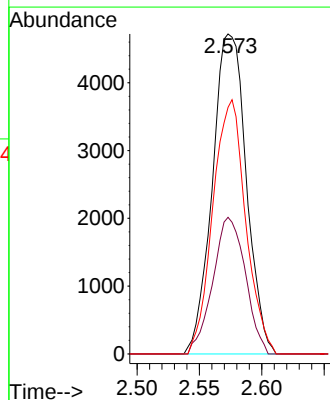
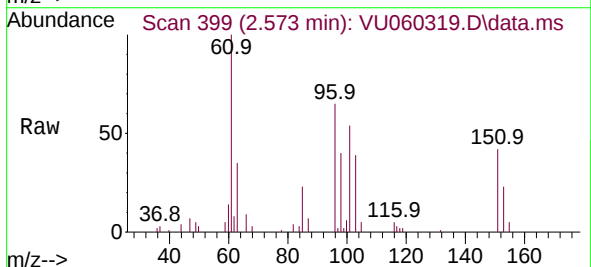
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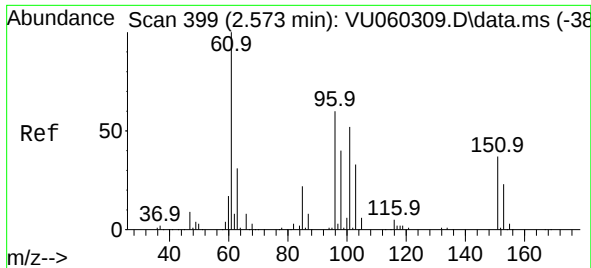
Tgt Ion:101 Resp: 16476
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.920 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

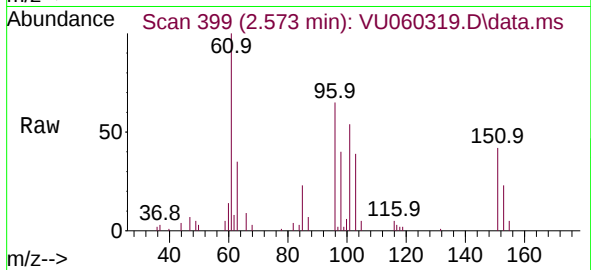
Tgt Ion:101 Resp: 8960
Ion Ratio Lower Upper
101 100
85 40.8 34.9 52.3
151 76.7 57.2 85.8



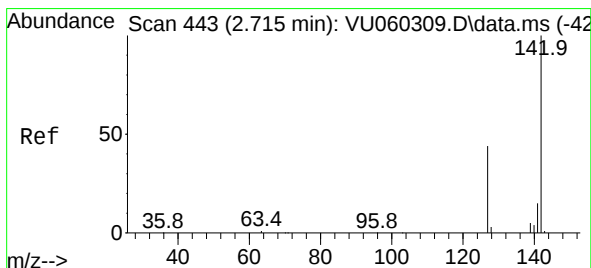
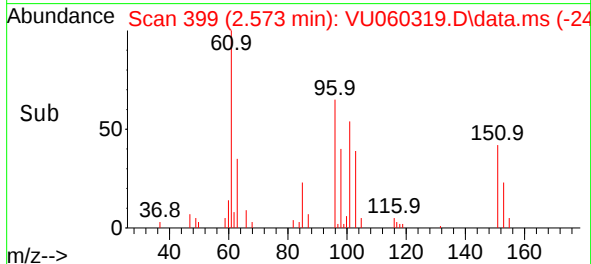
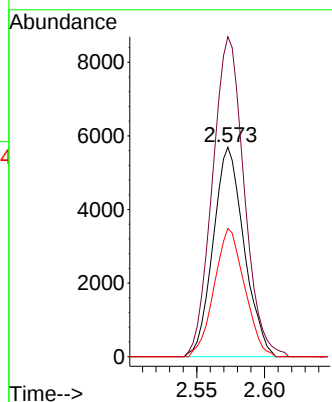


#9
1,1-Dichloroethene
Concen: 0.892 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :

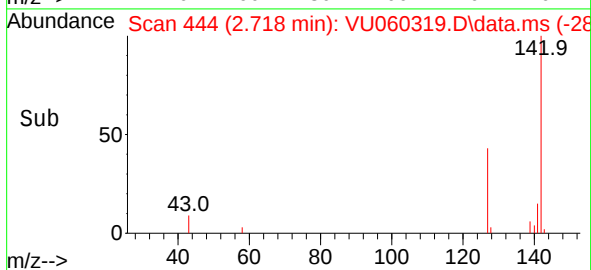
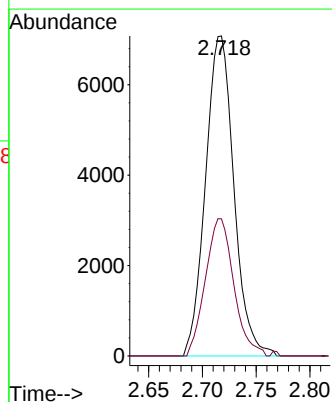
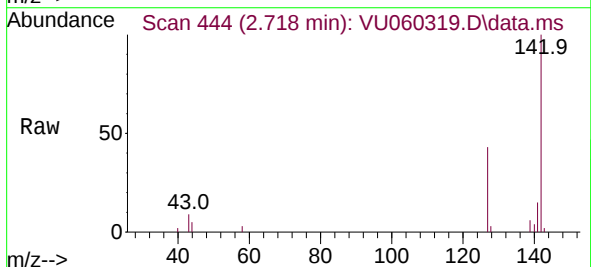


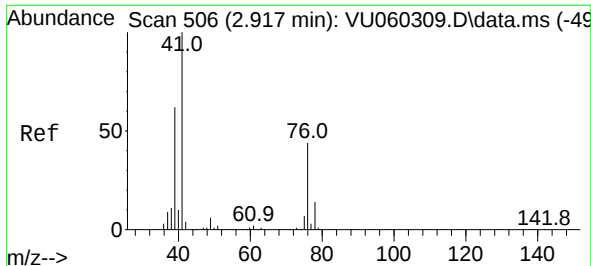
Tgt Ion:	96	Resp:	9006
Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	495.9
98	61.2	0.0	131.6



#10
Iodomethane
Concen: 0.869 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:	142	Resp:	12996
Ion	Ratio	Lower	Upper
142	100		
127	42.9	35.5	53.3





#11

Allyl Chloride

Concen: 0.765 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

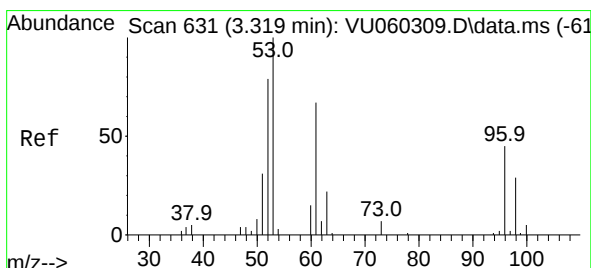
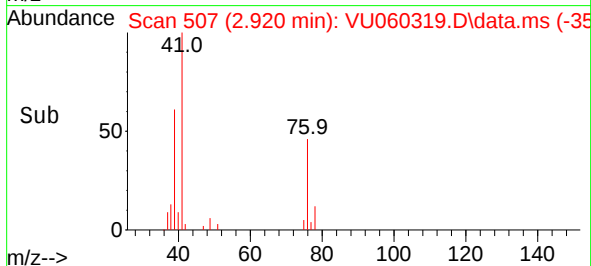
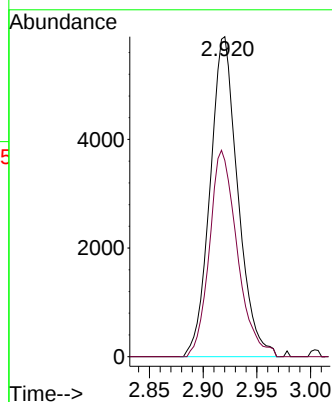
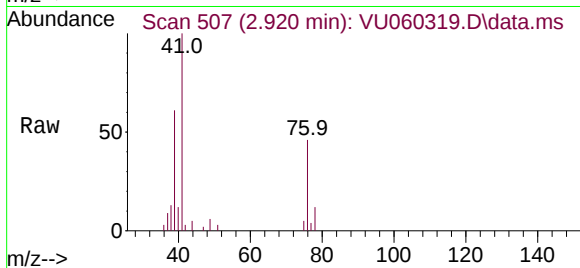
ClientSampleId :

Tgt Ion: 41 Resp: 10578

Ion Ratio Lower Upper

41 100

39 64.6 50.0 75.0



#12

Acrylonitrile

Concen: 1.175 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.032 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

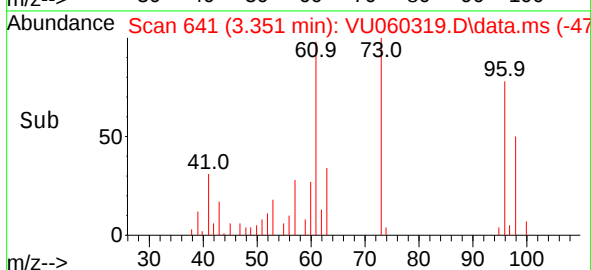
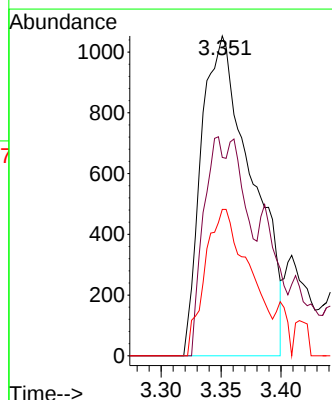
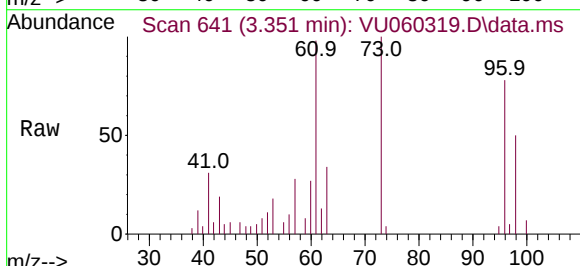
Tgt Ion: 53 Resp: 3097

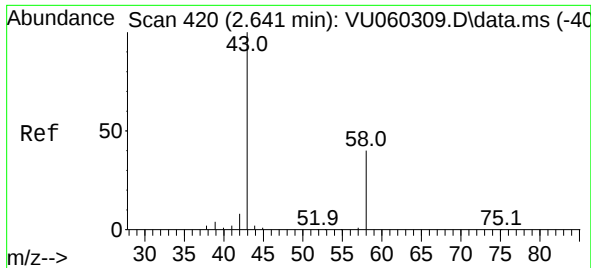
Ion Ratio Lower Upper

53 100

52 30.4 63.7 95.5#

51 40.2 28.2 42.4





#13

Acetone

Concen: 3.200 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.012 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

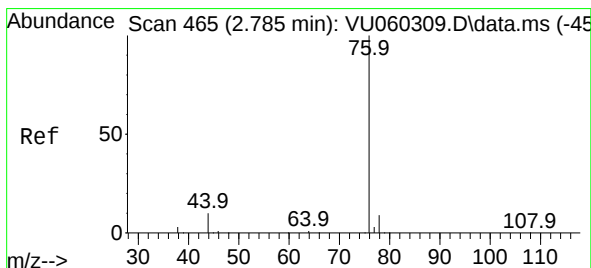
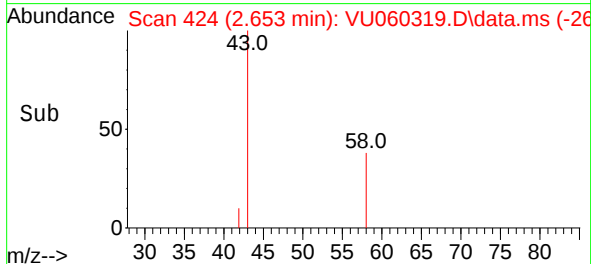
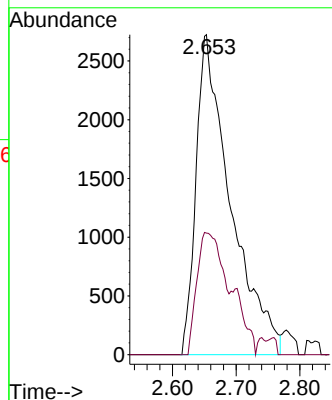
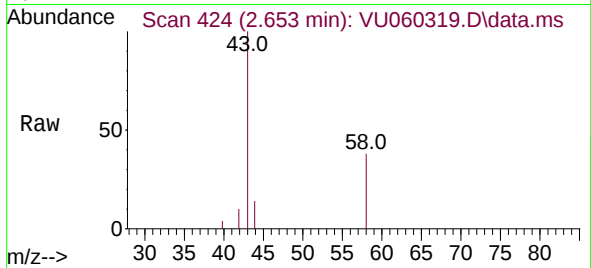
ClientSampleId :

Tgt Ion: 43 Resp: 10249

Ion Ratio Lower Upper

43 100

58 38.0 31.8 47.8



#14

Carbon Disulfide

Concen: 0.917 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060319.D

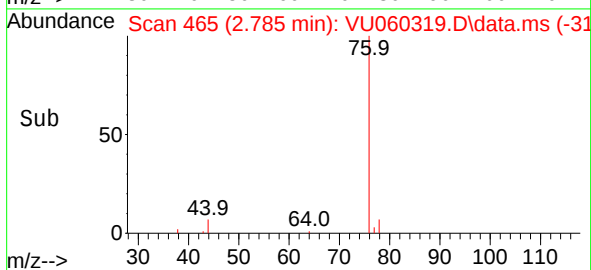
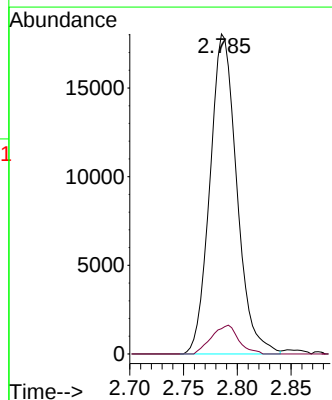
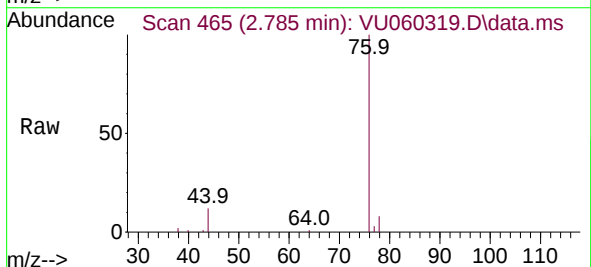
Acq: 06 Aug 2024 13:38

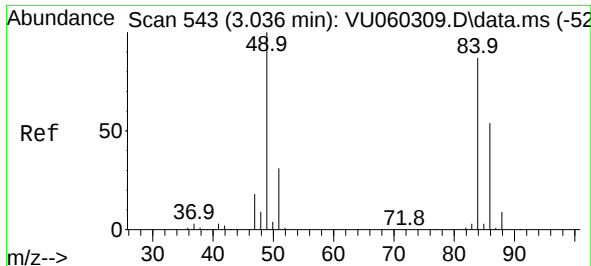
Tgt Ion: 76 Resp: 31384

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0

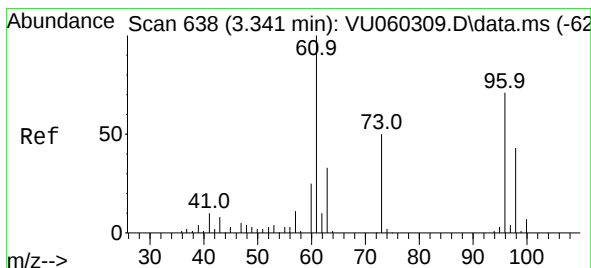
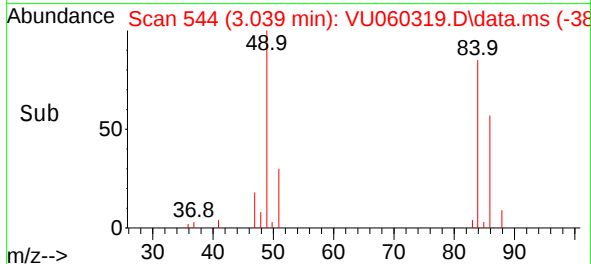
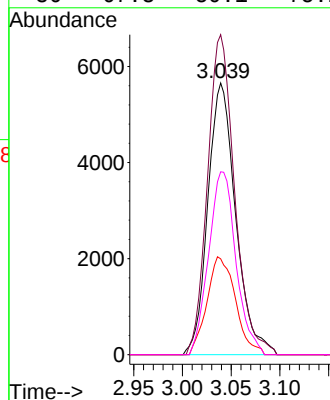
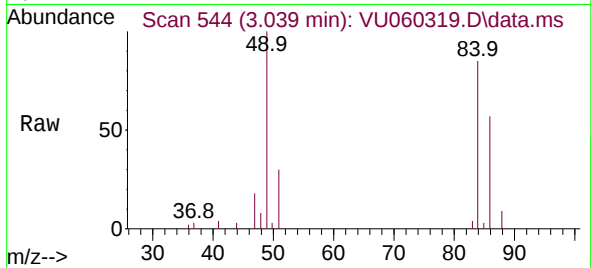




#15
Methylene Chloride
Concen: 0.891 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

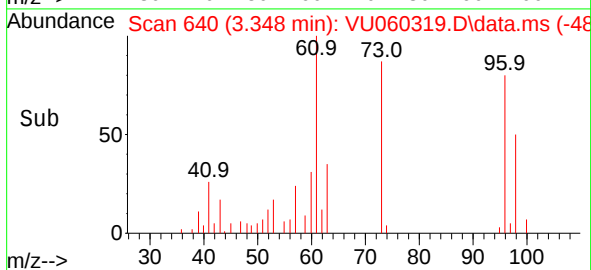
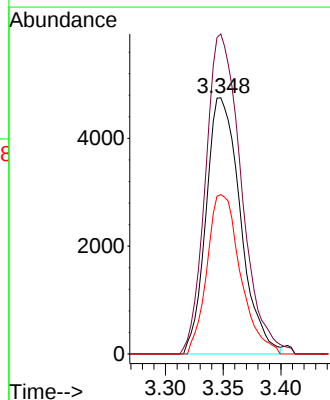
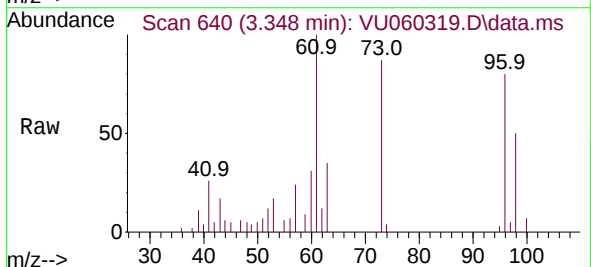
Instrument :
MSVOA_U
ClientSampleId :

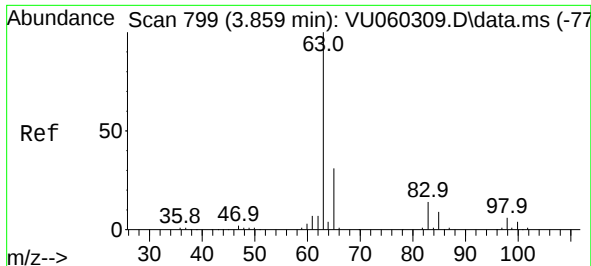
Tgt Ion: 84 Resp: 11253
Ion Ratio Lower Upper
84 100
49 117.8 92.1 138.1
51 35.3 0.0 72.4
86 67.3 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 0.910 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 96 Resp: 9835
Ion Ratio Lower Upper
96 100
61 124.9 112.8 169.2
98 62.2 48.7 73.1

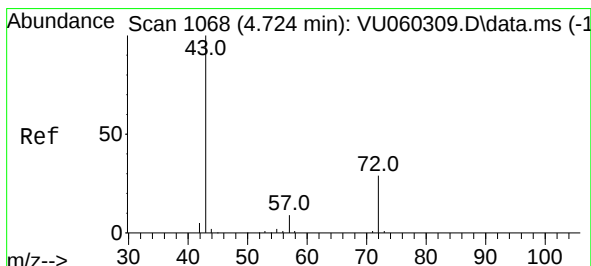
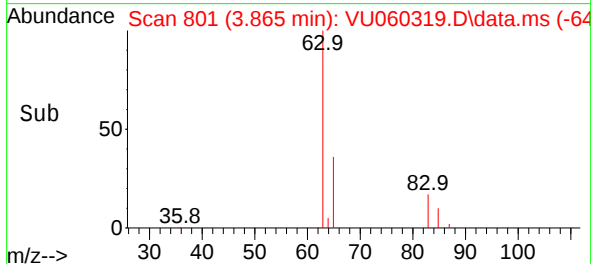
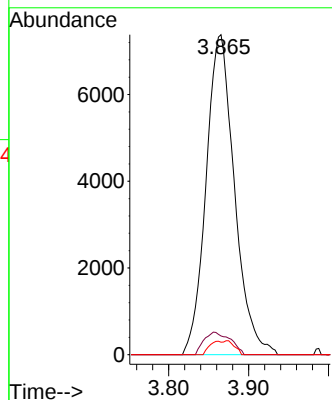
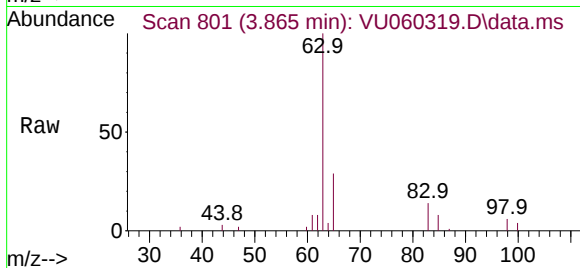




#17
1,1-Dichloroethane
Concen: 0.877 ug/l
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

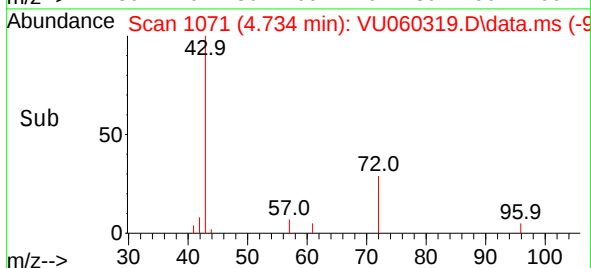
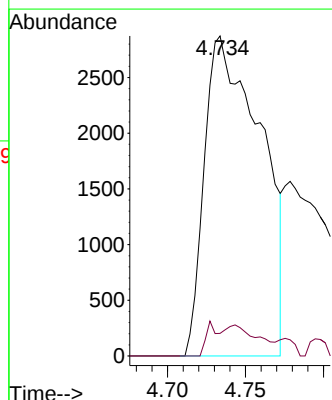
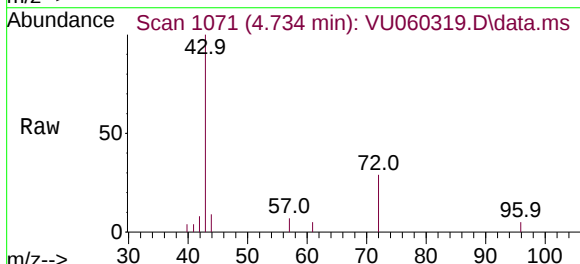
Instrument :
MSVOA_U
ClientSampleId :

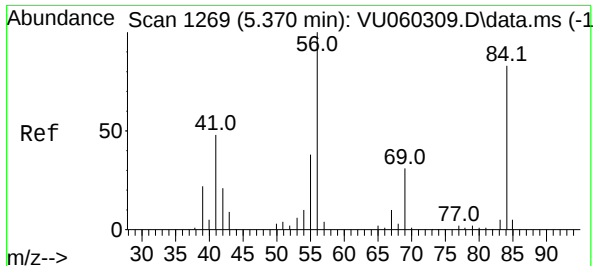
Tgt Ion: 63 Resp: 18225
Ion Ratio Lower Upper
63 100
98 5.9 3.1 9.4
100 3.9 2.0 5.8



#18
2-Butanone
Concen: 1.949 ug/l
RT: 4.734 min Scan# 1071
Delta R.T. 0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 43 Resp: 7211
Ion Ratio Lower Upper
43 100
57 7.1 0.0 18.4





#19

Cyclohexane

Concen: 0.596 ug/l

RT: 5.380 min Scan# 1700

Delta R.T. 0.010 min

Lab File: VU060319.D

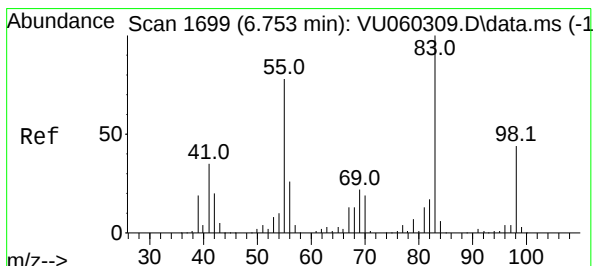
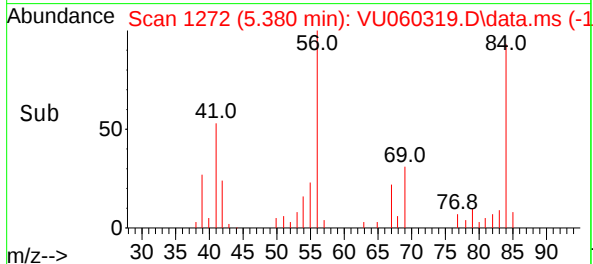
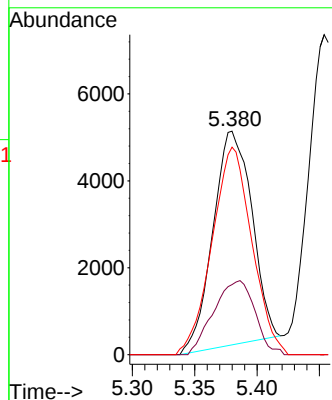
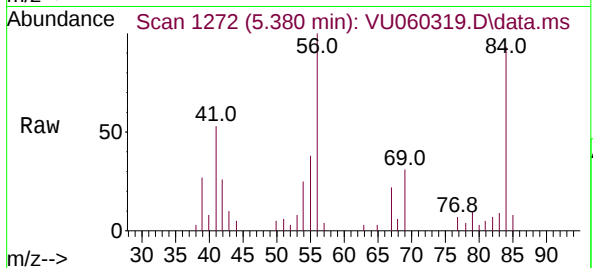
Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	10683
Ion	Ratio	Lower	Upper
56	100		
69	36.7	24.2	36.2#
84	99.4	63.9	95.9#



#20

Methylcyclohexane

Concen: 0.858 ug/l

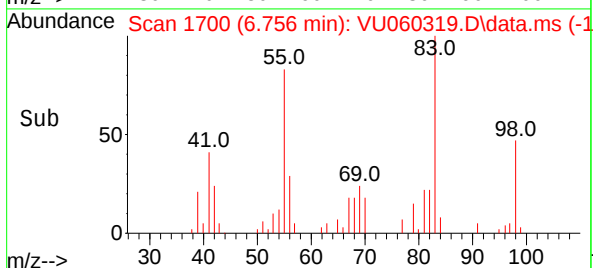
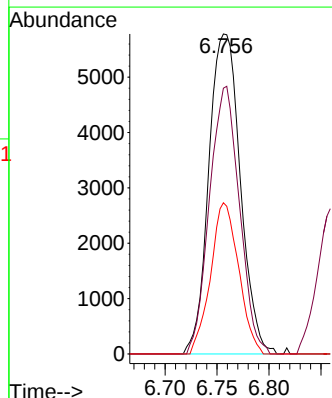
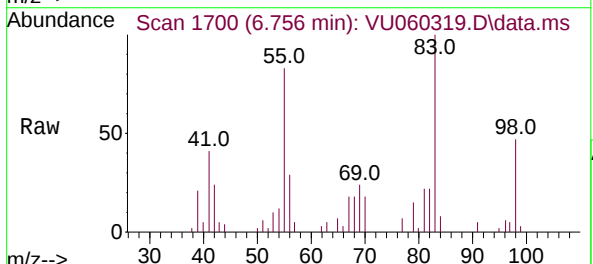
RT: 6.756 min Scan# 1700

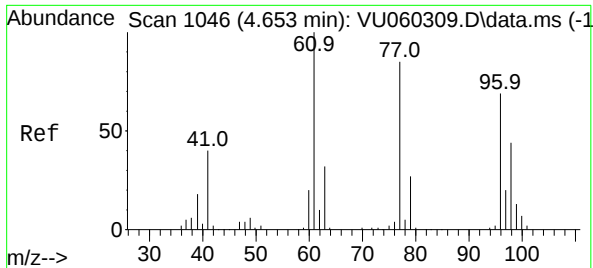
Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Tgt Ion:	83	Resp:	12196
Ion	Ratio	Lower	Upper
83	100		
55	79.4	62.2	93.2
98	42.1	36.1	54.1

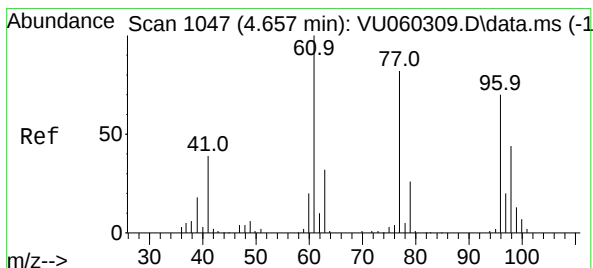
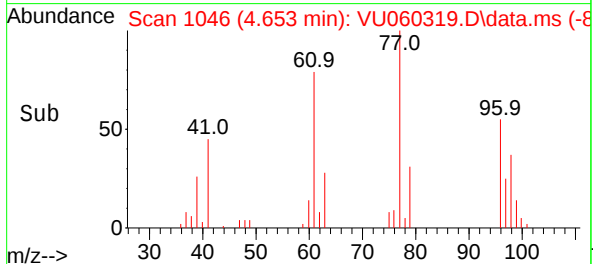
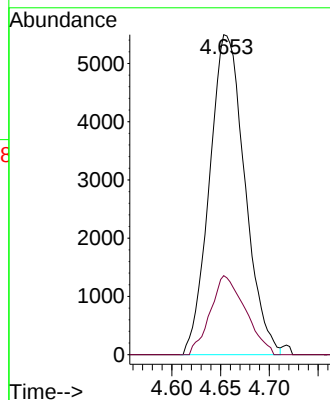
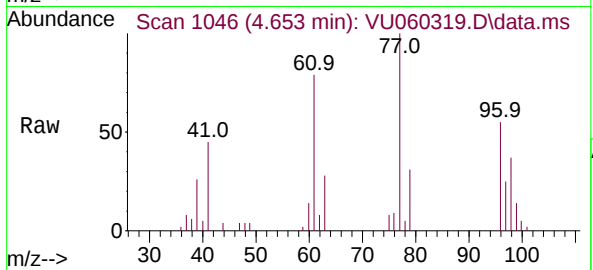




#21
2,2-Dichloropropane
Concen: 0.856 ug/l
RT: 4.653 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

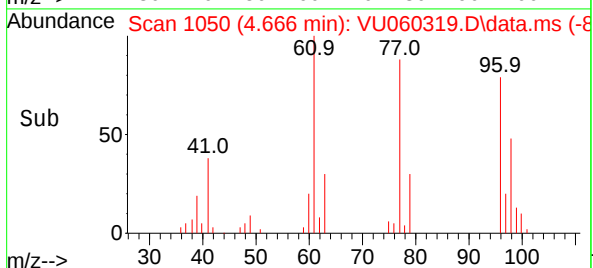
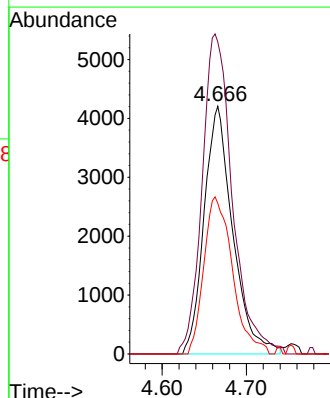
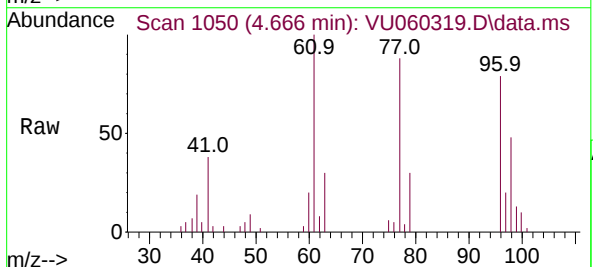
Instrument :
MSVOA_U
ClientSampleId :

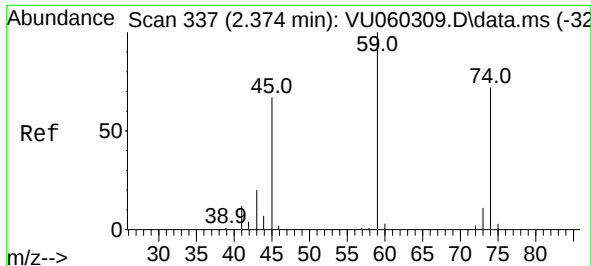
Tgt Ion: 77 Resp: 13852
Ion Ratio Lower Upper
77 100
97 24.5 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 0.858 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

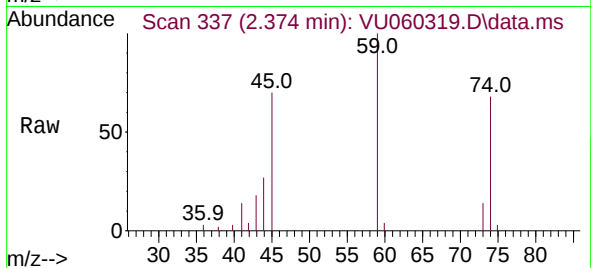
Tgt Ion: 96 Resp: 9934
Ion Ratio Lower Upper
96 100
61 136.6 0.0 372.8
98 63.3 31.8 95.4



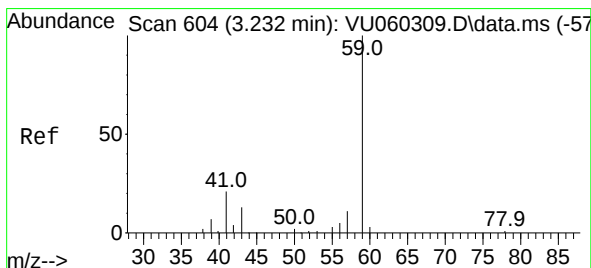
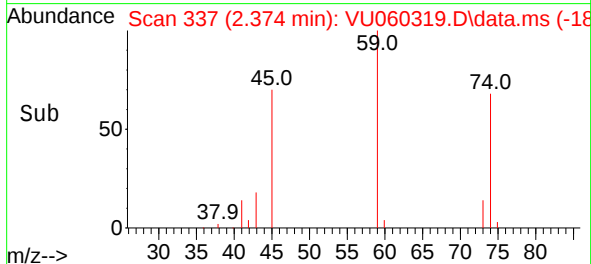
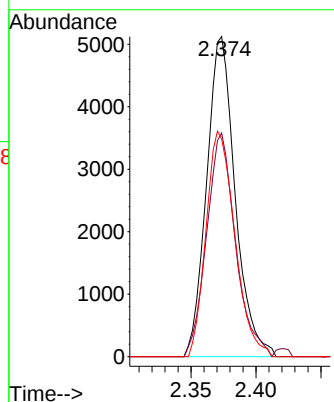


#23
Diethyl Ether
Concen: 0.955 ug/l
RT: 2.374 min Scan# 337
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :

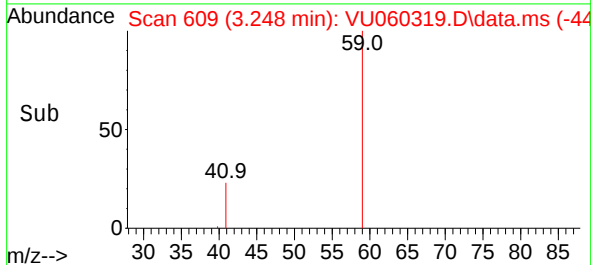
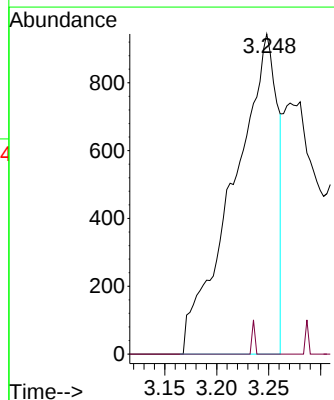
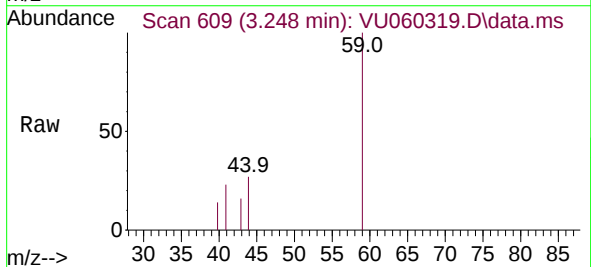


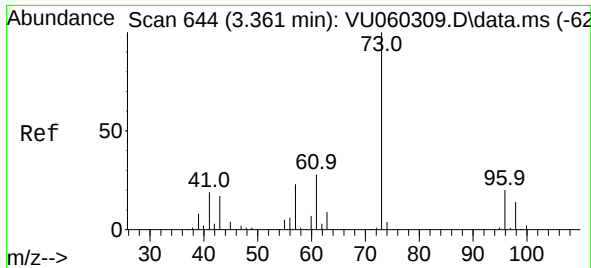
Tgt Ion: 59 Resp: 7834
Ion Ratio Lower Upper
59 100
45 70.4 55.8 83.6
74 71.1 59.2 88.8



#24
tert-Butyl Alcohol
Concen: 2.718 ug/l
RT: 3.248 min Scan# 609
Delta R.T. 0.016 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 59 Resp: 2785
Ion Ratio Lower Upper
59 100
57 154.1 4.5 6.7#

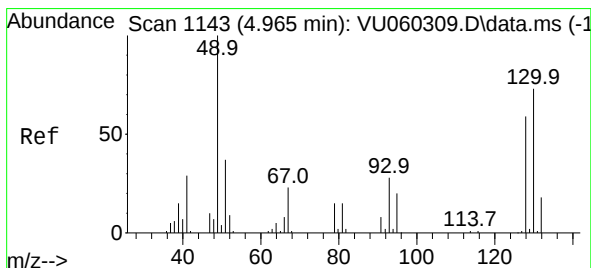
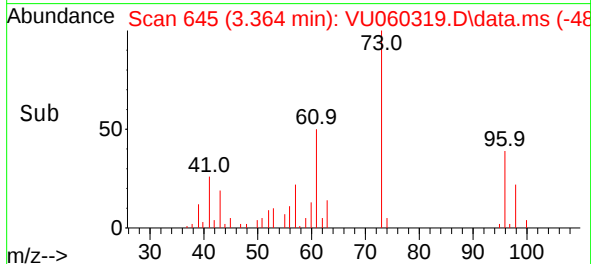
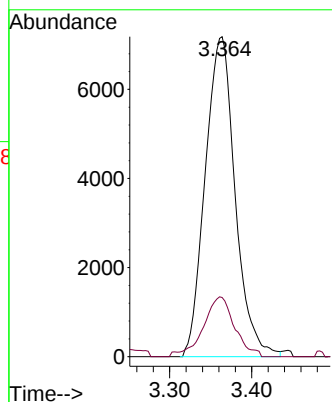
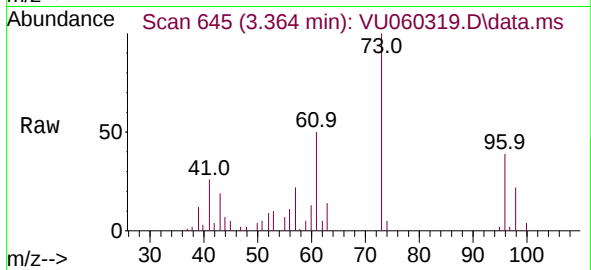




#25
Methyl tert-Butyl Ether
Concen: 0.736 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

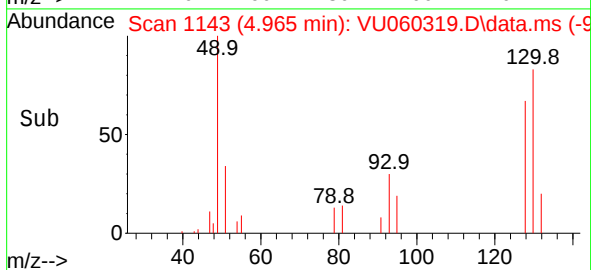
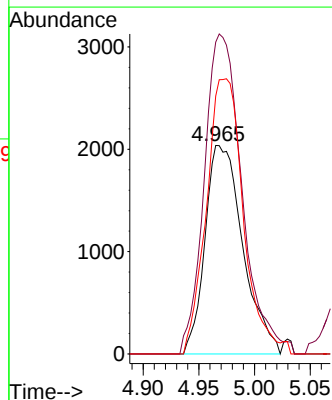
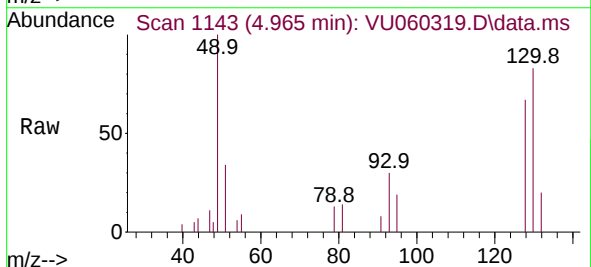
Instrument :
MSVOA_U
ClientSampleId :

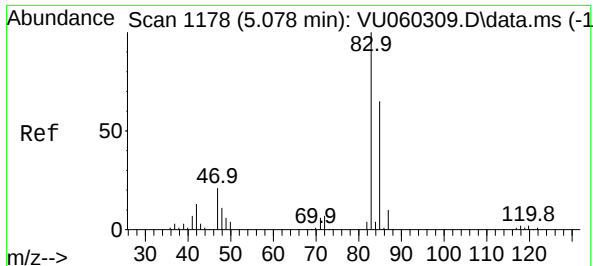
Tgt Ion: 73 Resp: 18226
Ion Ratio Lower Upper
73 100
43 19.1 14.1 21.1



#26
Bromochloromethane
Concen: 0.980 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 128 Resp: 4805
Ion Ratio Lower Upper
128 100
49 153.4 0.0 340.8
130 129.4 102.1 153.1





#27

Chloroform

Concen: 0.936 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

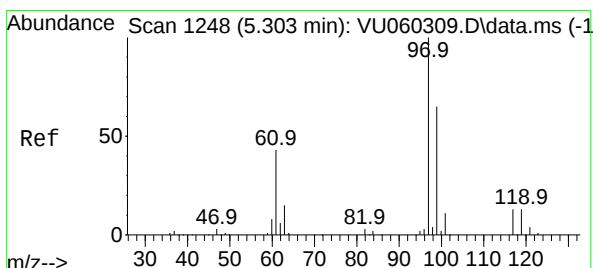
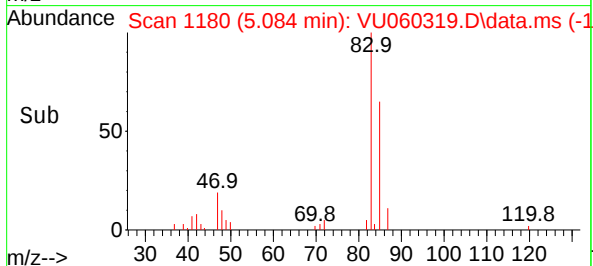
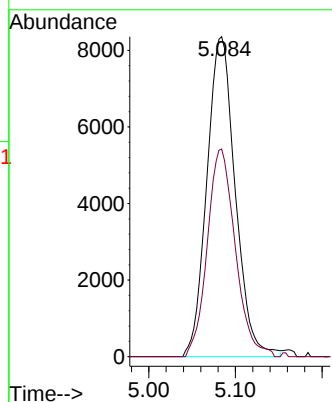
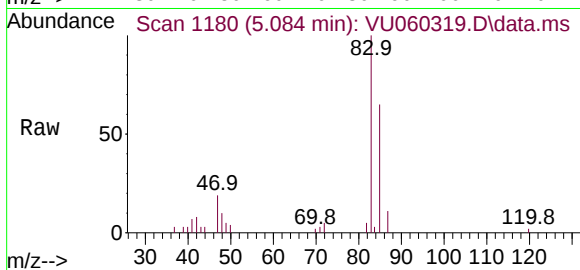
ClientSampleId :

Tgt Ion: 83 Resp: 19044

Ion Ratio Lower Upper

83 100

85 62.7 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 0.898 ug/l

RT: 5.316 min Scan# 1252

Delta R.T. 0.013 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

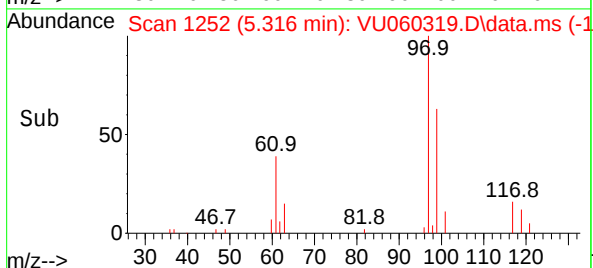
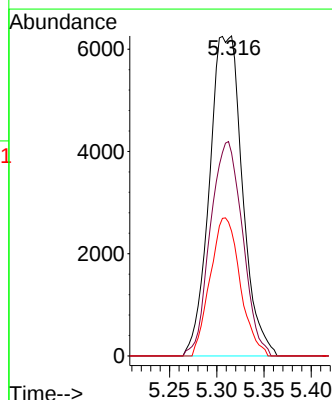
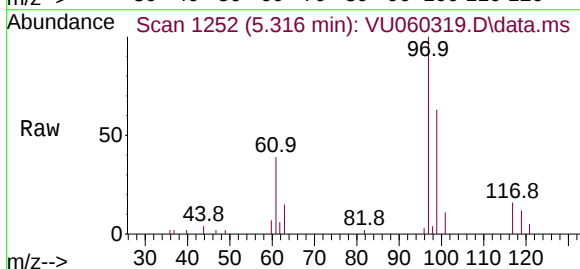
Tgt Ion: 97 Resp: 15183

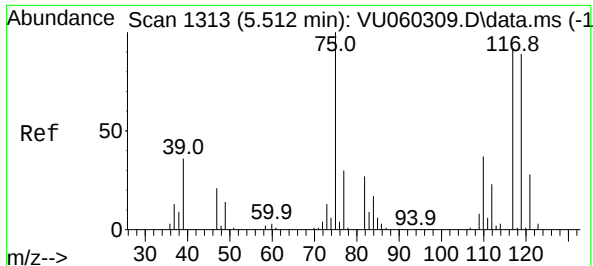
Ion Ratio Lower Upper

97 100

99 65.3 32.8 98.4

61 39.3 22.3 66.9

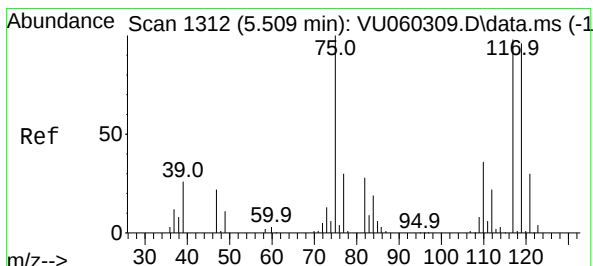
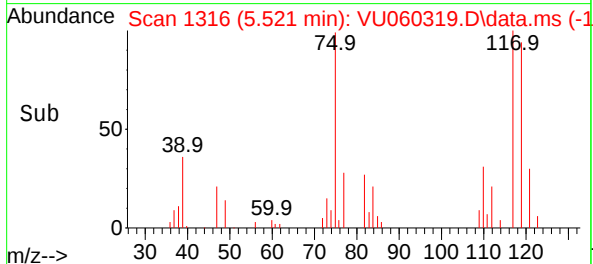
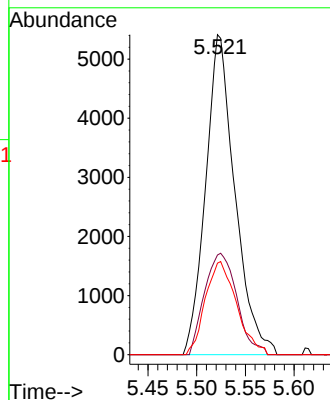
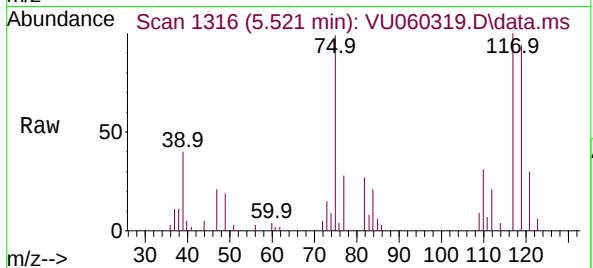




#29
1,1-Dichloropropene
Concen: 0.835 ug/l
RT: 5.521 min Scan# 11312
Delta R.T. 0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

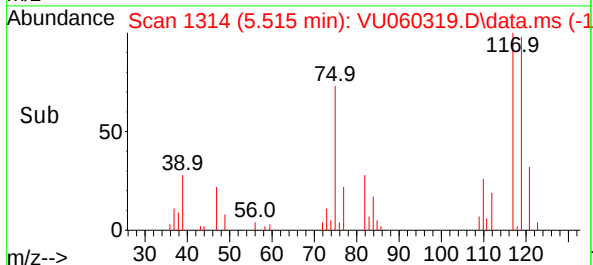
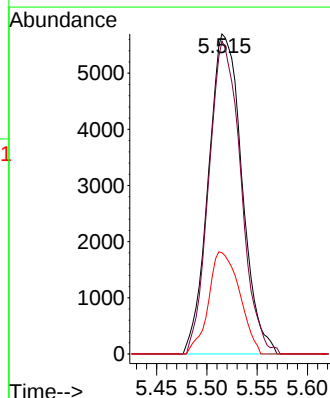
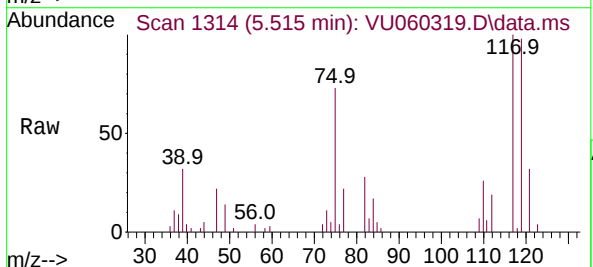
Instrument :
MSVOA_U
ClientSampleId :

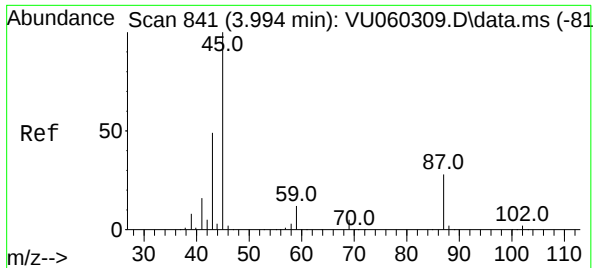
Tgt Ion: 75 Resp: 11312
Ion Ratio Lower Upper
75 100
110 35.0 18.4 55.2
77 31.0 24.8 37.2



#30
Carbon Tetrachloride
Concen: 0.957 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 117 Resp: 13173
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.6
121 31.7 24.2 36.2

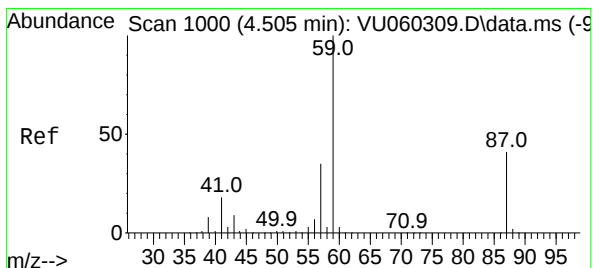
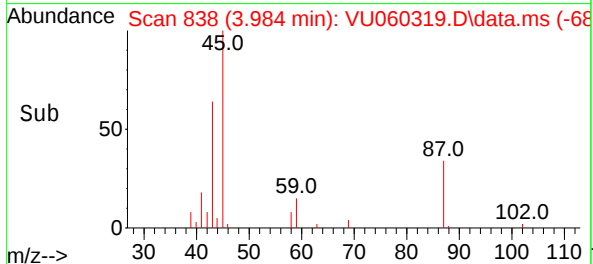
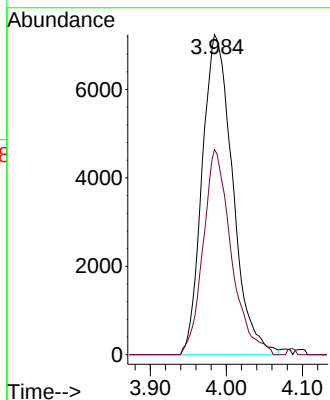
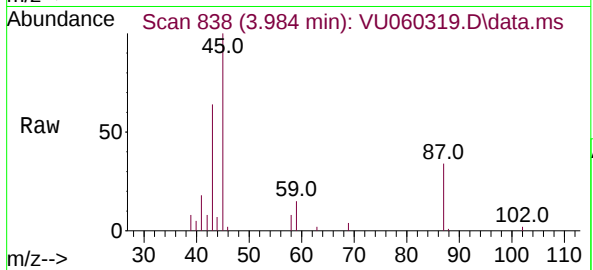




#31
Isopropyl Ether
Concen: 0.662 ug/l
RT: 3.984 min Scan# 841
Delta R.T. -0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

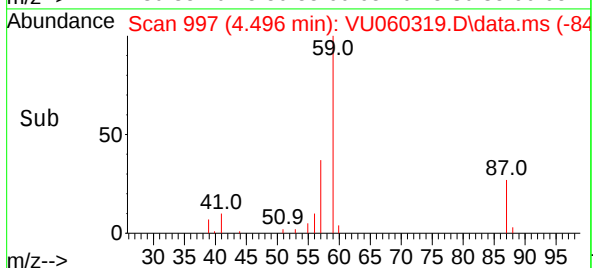
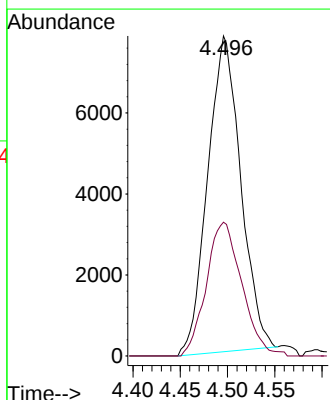
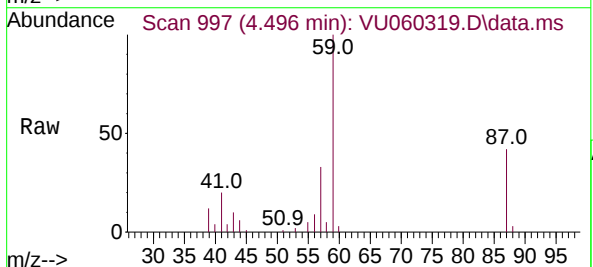
Instrument :
MSVOA_U
ClientSampleId :

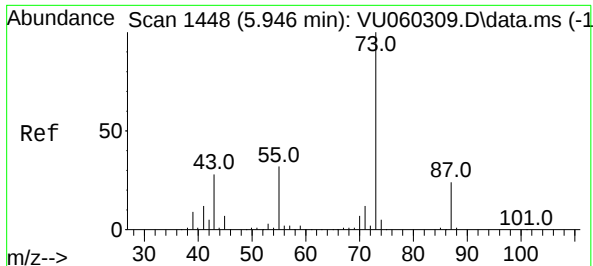
Tgt Ion: 45 Resp: 20124
Ion Ratio Lower Upper
45 100
43 59.3 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 0.644 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 59 Resp: 18929
Ion Ratio Lower Upper
59 100
87 45.5 32.6 49.0

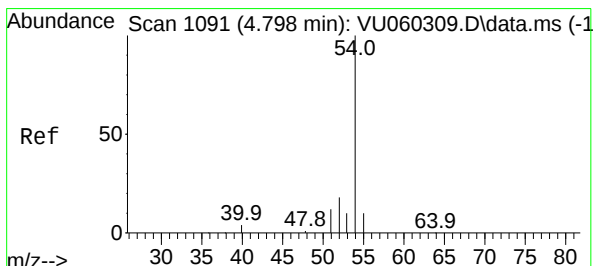
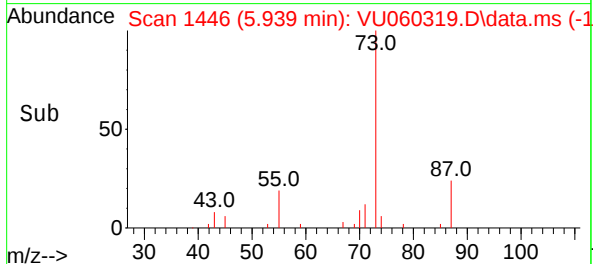
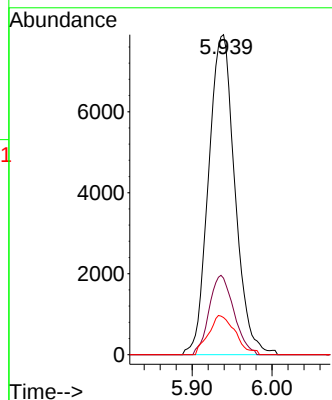
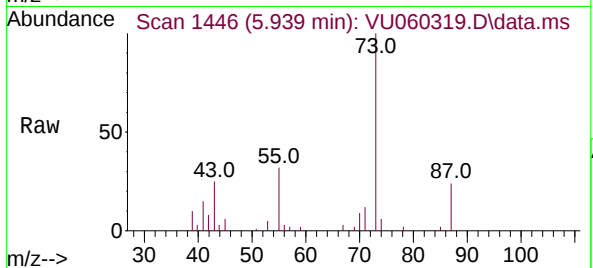




#33
Tert-Amyl methyl ether
Concen: 0.866 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.007 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

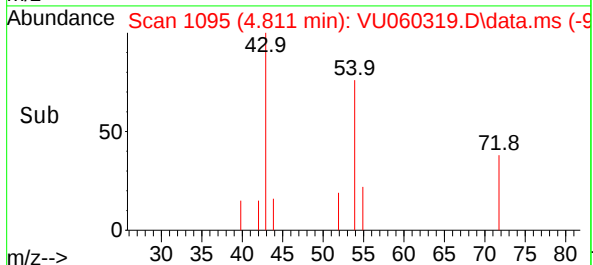
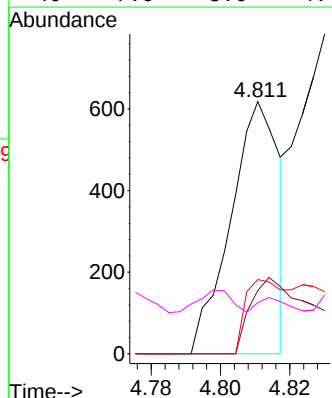
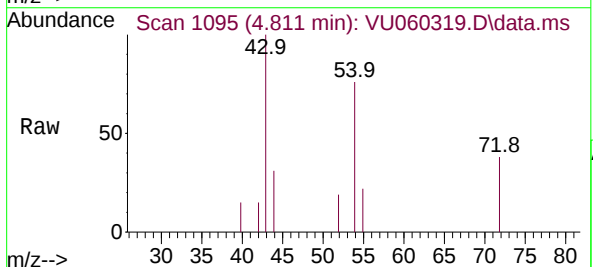
Instrument :
MSVOA_U
ClientSampleId :

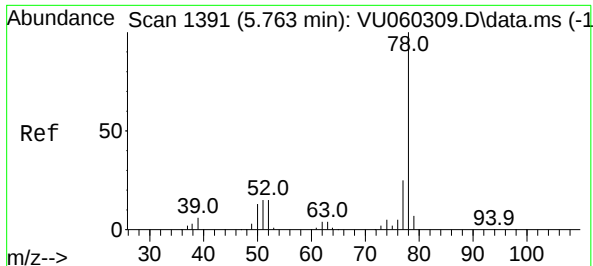
Tgt Ion: 73 Resp: 18053
Ion Ratio Lower Upper
73 100
87 23.2 19.6 29.4
71 12.4 9.5 14.3



#34
Propionitrile
Concen: 0.565 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.013 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 54 Resp: 598
Ion Ratio Lower Upper
54 100
52 35.6 16.4 24.6#
55 26.6 5.2 7.8#
40 7.9 3.0 4.4#





#35

Benzene

Concen: 0.906 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

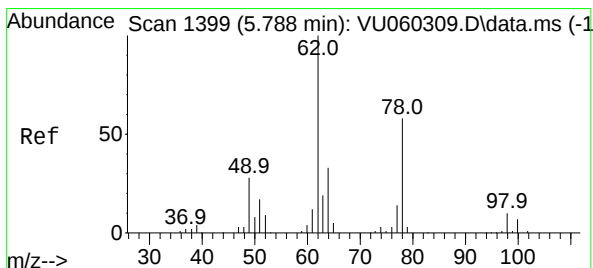
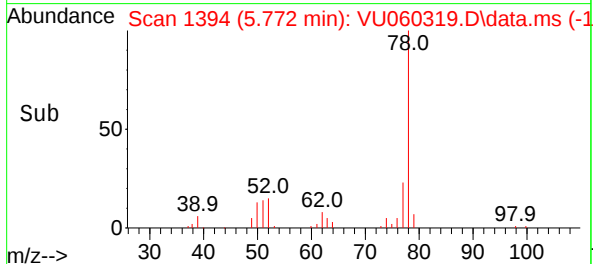
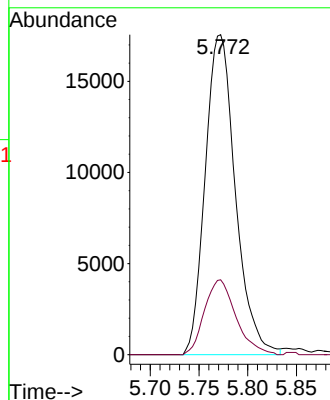
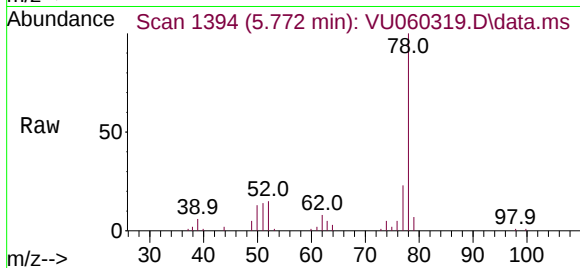
ClientSampleId :

Tgt Ion: 78 Resp: 37809

Ion Ratio Lower Upper

78 100

77 23.4 20.2 30.2



#36

1,2-Dichloroethane

Concen: 0.921 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060319.D

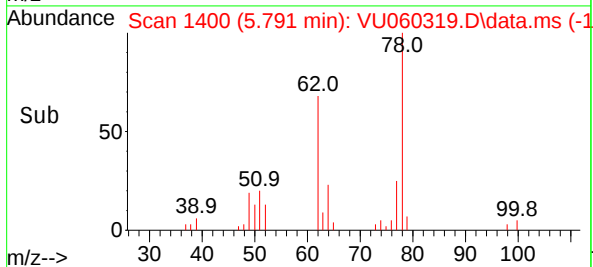
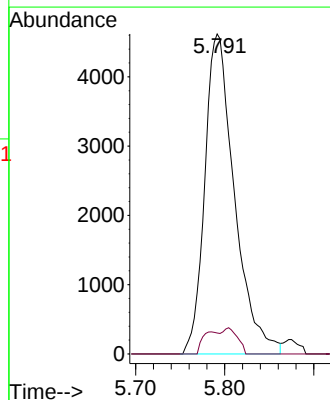
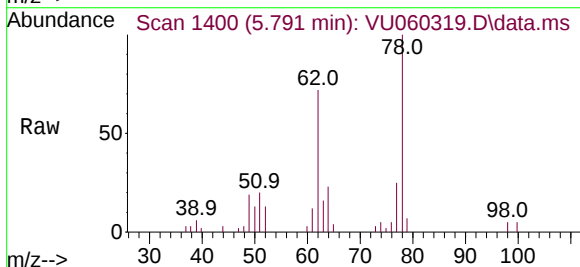
Acq: 06 Aug 2024 13:38

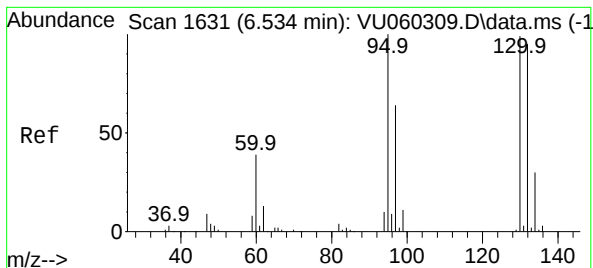
Tgt Ion: 62 Resp: 10680

Ion Ratio Lower Upper

62 100

98 4.1 8.1 12.1#





#37

Trichloroethene

Concen: 0.982 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

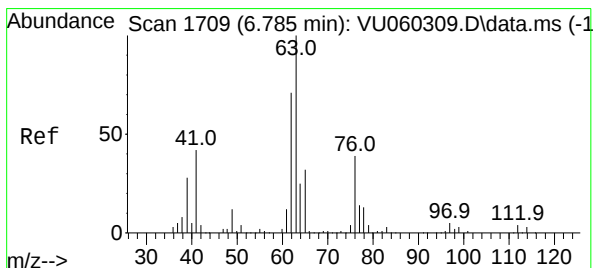
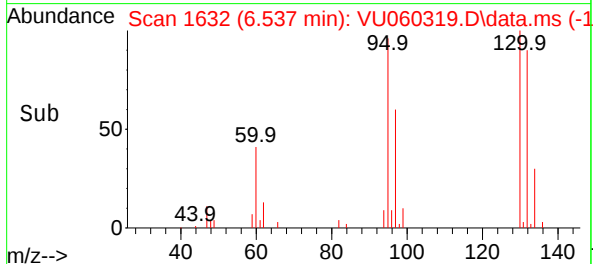
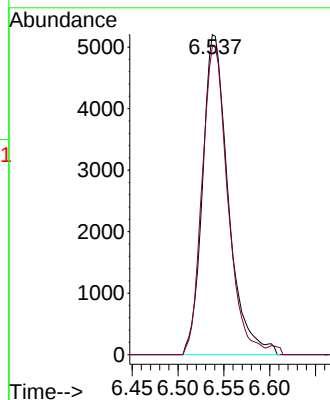
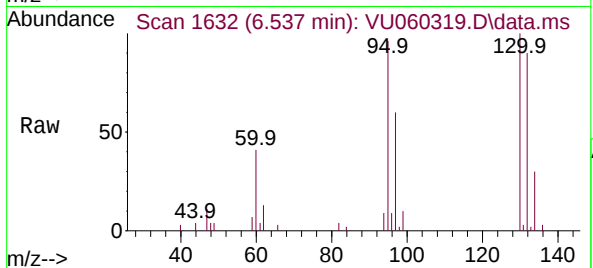
ClientSampleId :

Tgt Ion:130 Resp: 10146

Ion Ratio Lower Upper

130 100

95 96.3 80.6 121.0



#38

1,2-Dichloropropane

Concen: 0.962 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU060319.D

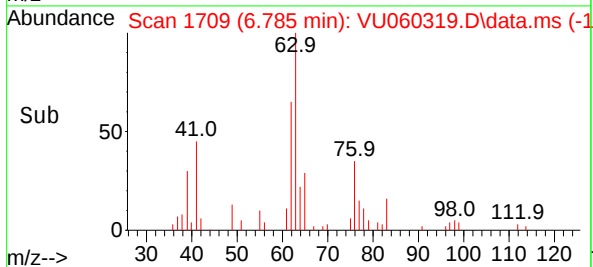
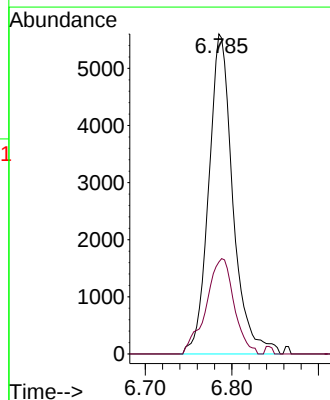
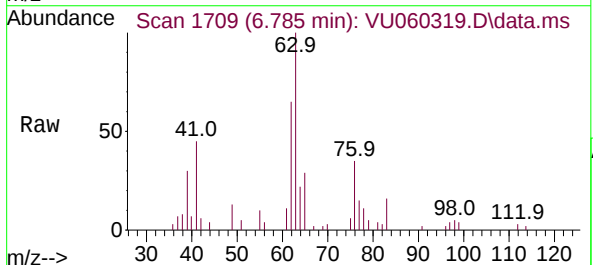
Acq: 06 Aug 2024 13:38

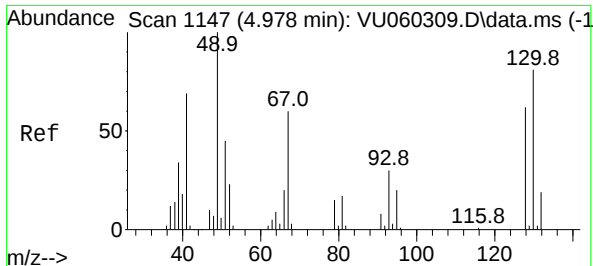
Tgt Ion: 63 Resp: 10860

Ion Ratio Lower Upper

63 100

65 28.7 25.6 38.4





#39

Methacrylonitrile

Concen: 0.329 ug/l

RT: 4.988 min Scan# 1147

Delta R.T. 0.010 min

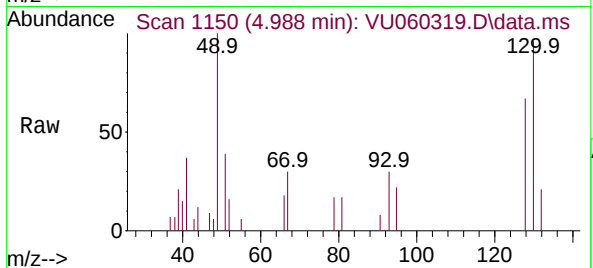
Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1259

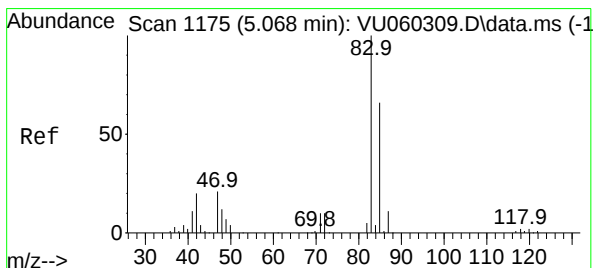
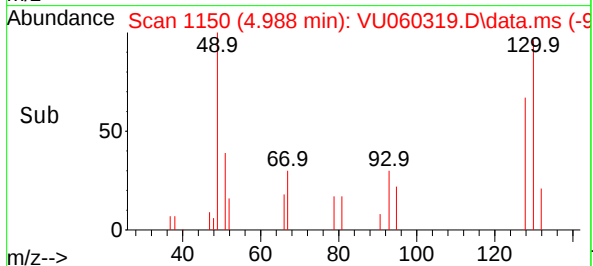
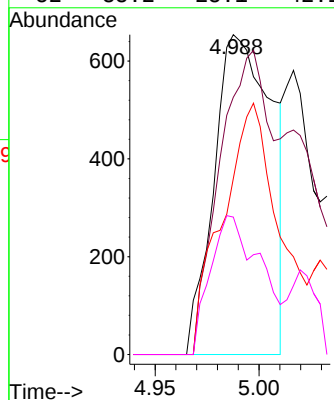
Ion Ratio Lower Upper

41 100

67 88.0 67.4 101.0

39 77.0 41.7 62.5#

52 38.2 28.1 42.1



#41

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

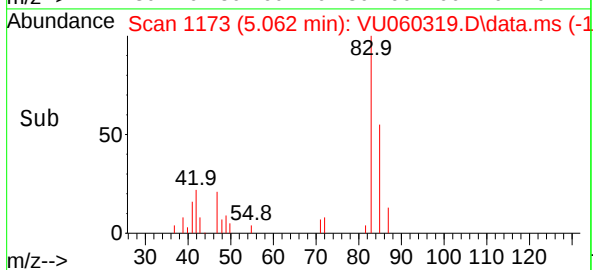
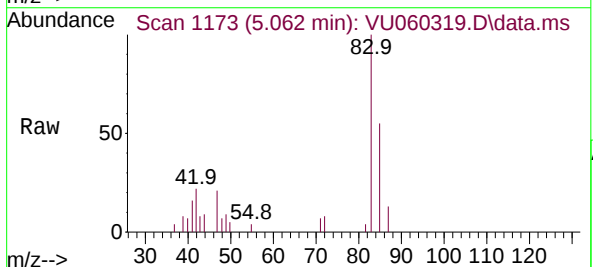
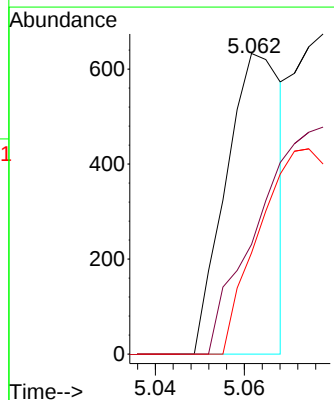
Tgt Ion: 42 Resp: 548

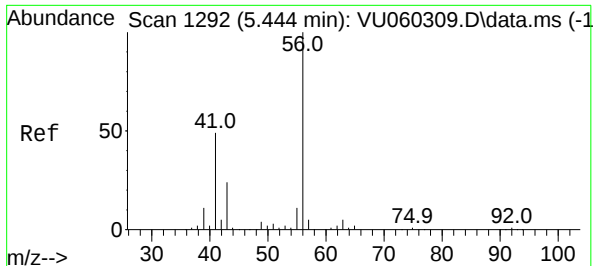
Ion Ratio Lower Upper

42 100

72 201.8 40.6 60.8#

71 102.0 38.0 57.0#





#42

1-Chlorobutane

Concen: 0.841 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.010 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

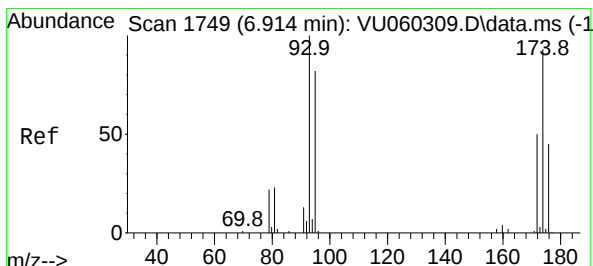
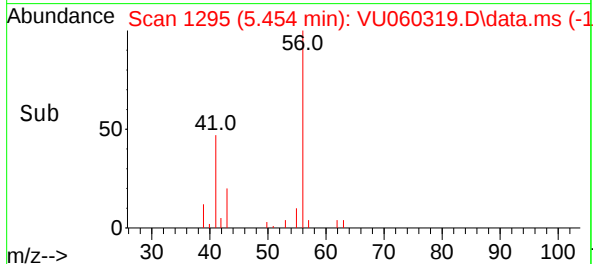
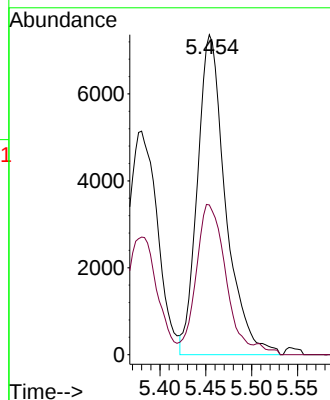
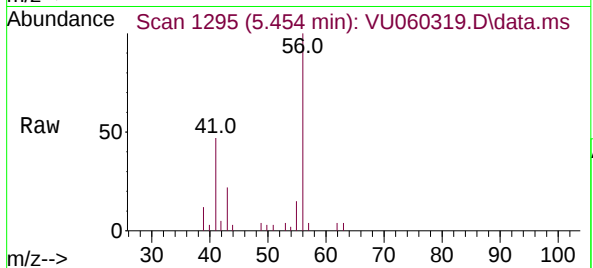
ClientSampleId :

Tgt Ion: 56 Resp: 15705

Ion Ratio Lower Upper

56 100

41 43.7 23.8 71.5



#43

Dibromomethane

Concen: 0.933 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

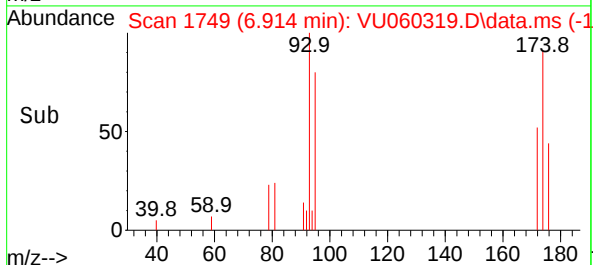
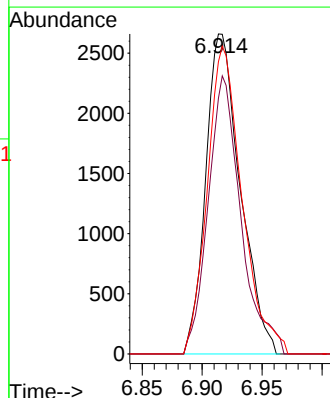
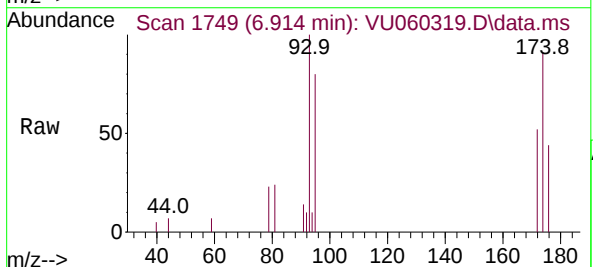
Tgt Ion: 93 Resp: 5329

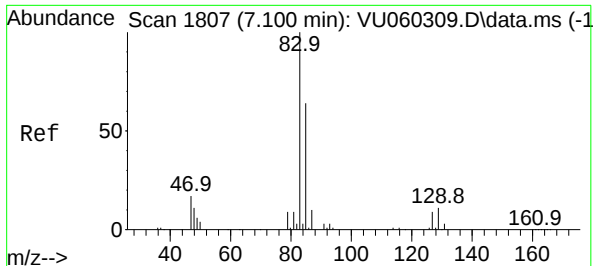
Ion Ratio Lower Upper

93 100

95 82.2 66.4 99.6

174 96.7 75.2 112.8

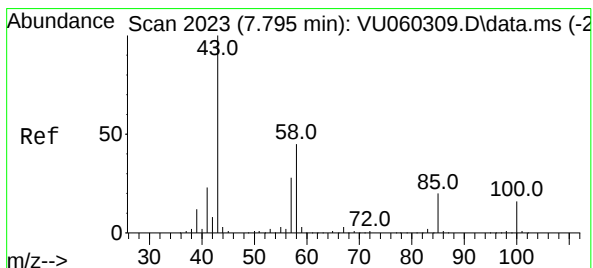
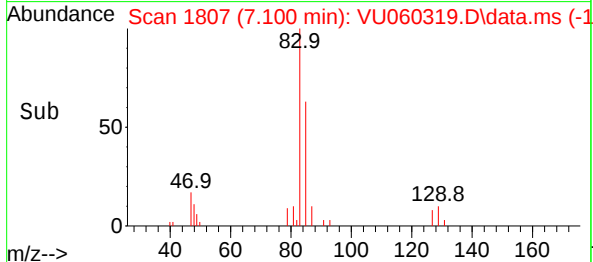
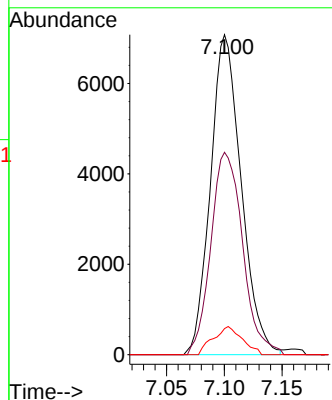
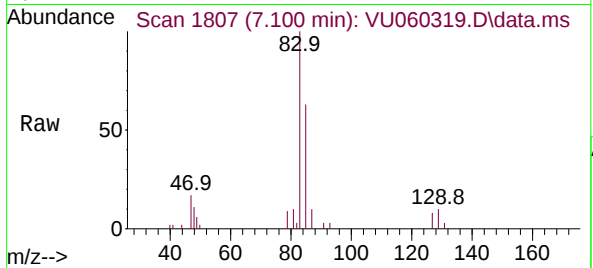




#44
Bromodichloromethane
Concen: 0.956 ug/l
RT: 7.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

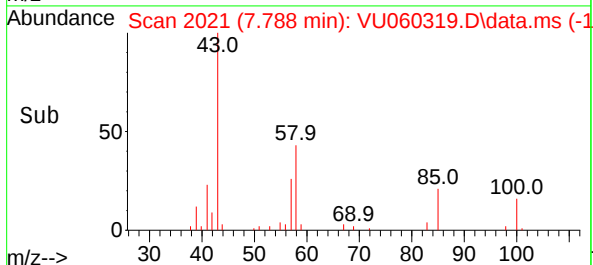
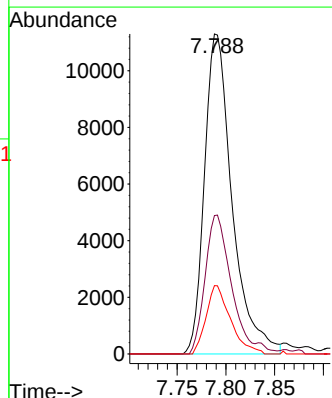
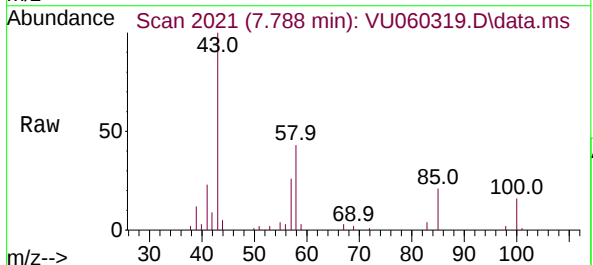
Instrument :
MSVOA_U
ClientSampleId :

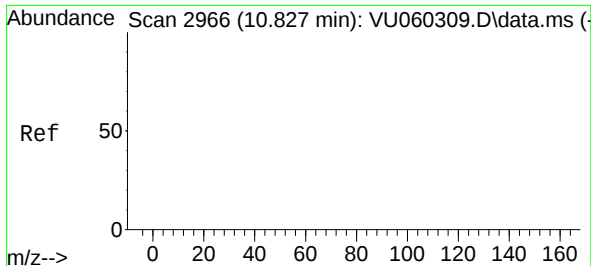
Tgt Ion: 83 Resp: 13105
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9
127 8.1 6.8 10.2



#45
4-Methyl-2-Pentanone
Concen: 4.164 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.007 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 43 Resp: 22326
Ion Ratio Lower Upper
43 100
58 41.6 22.3 66.9
85 18.8 16.0 24.0

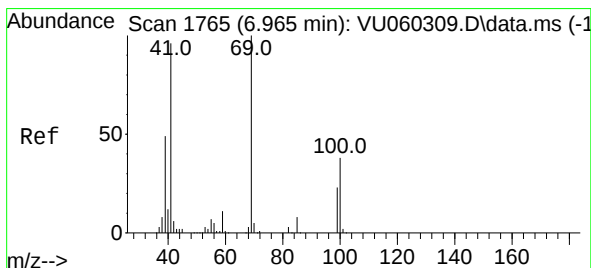
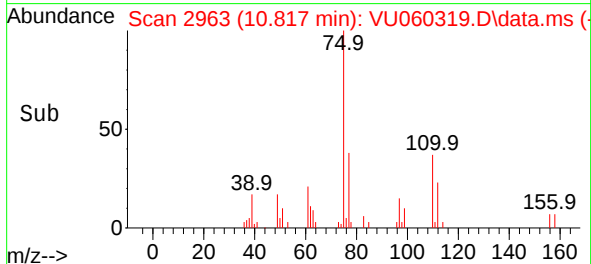
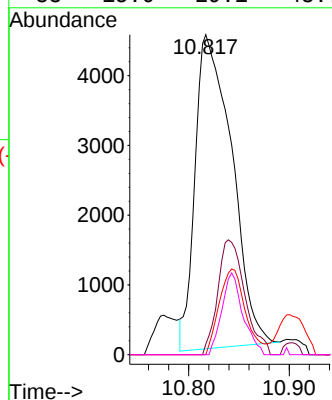
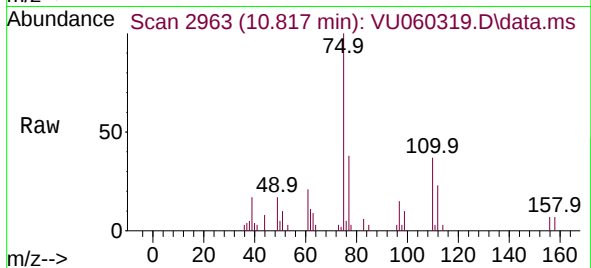




#46
t-1,4-Dichloro-2-butene
Concen: 3.776 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

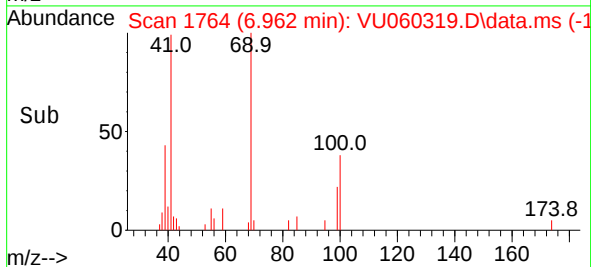
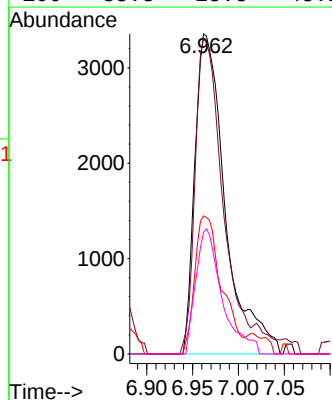
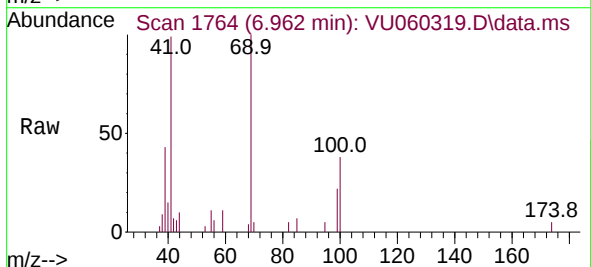
Instrument :
MSVOA_U
ClientSampleId :

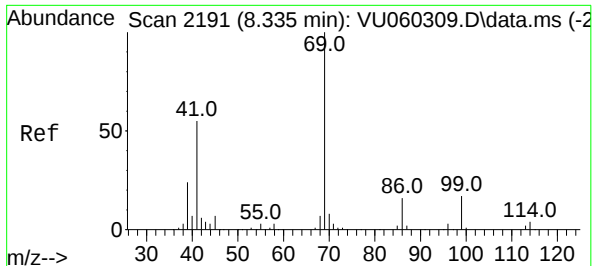
Tgt Ion:	75	Resp:	11345
Ion	Ratio	Lower	Upper
75	100		
53	27.2	57.2	85.8#
89	19.6	40.4	60.6#
88	15.0	29.1	43.7#



#47
Methyl methacrylate
Concen: 1.671 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. -0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:	69	Resp:	7744
Ion	Ratio	Lower	Upper
69	100		
41	88.3	0.0	194.0
39	38.4	38.0	57.0
100	33.8	28.8	43.2





#48

Ethyl methacrylate

Concen: 0.839 ug/l

RT: 8.332 min Scan# 2191

Delta R.T. -0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

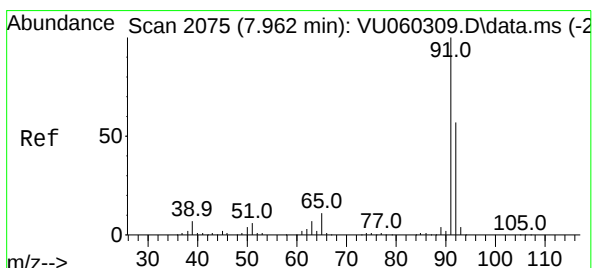
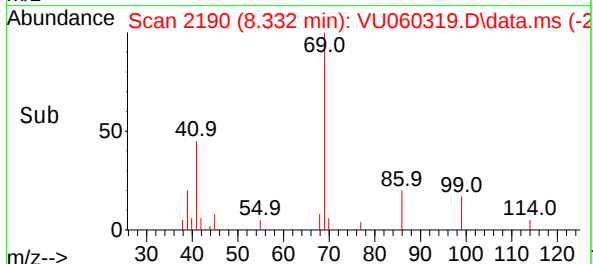
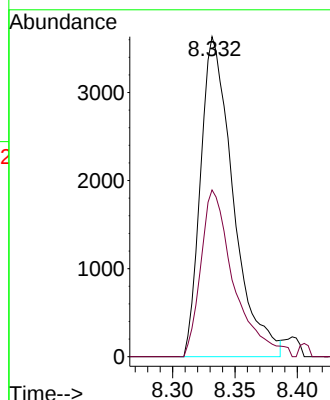
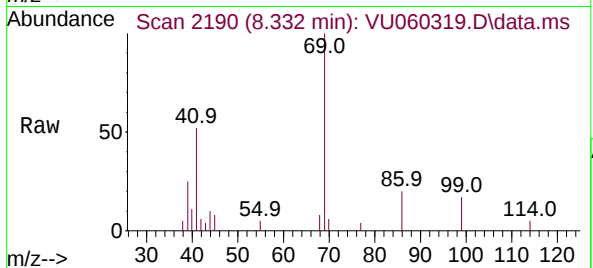
ClientSampleId :

Tgt Ion: 69 Resp: 6597

Ion Ratio Lower Upper

69 100

41 52.7 27.5 82.5



#49

Toluene

Concen: 0.857 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060319.D

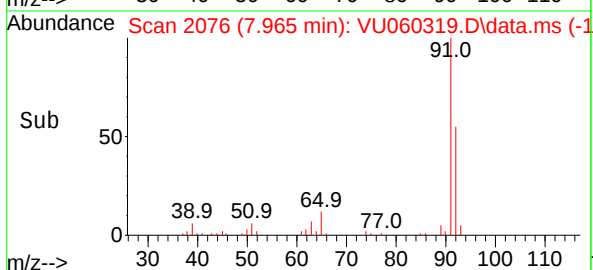
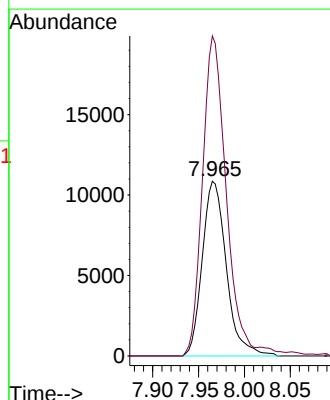
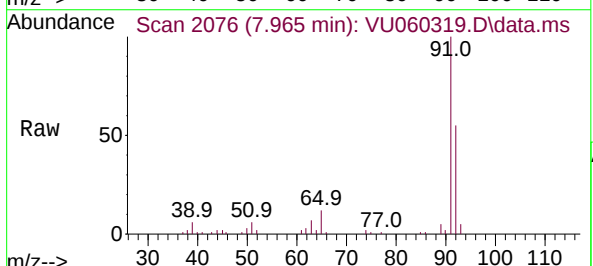
Acq: 06 Aug 2024 13:38

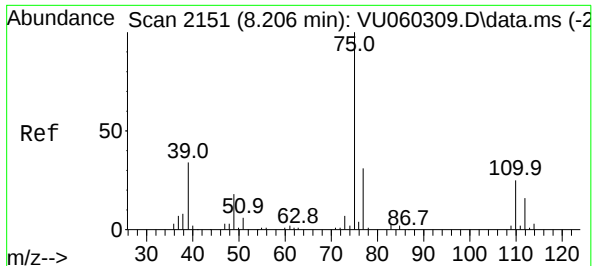
Tgt Ion: 92 Resp: 19818

Ion Ratio Lower Upper

92 100

91 178.3 141.0 211.4

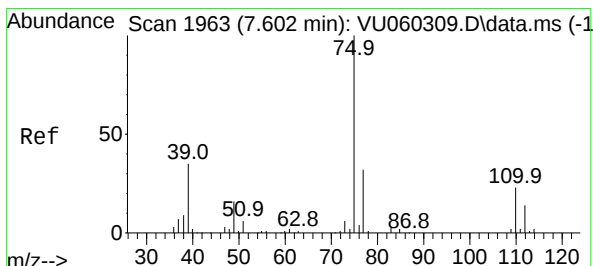
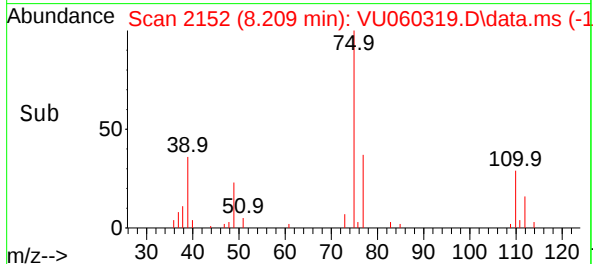
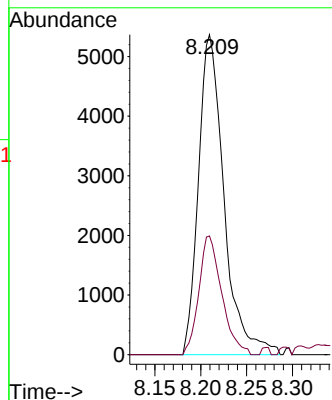
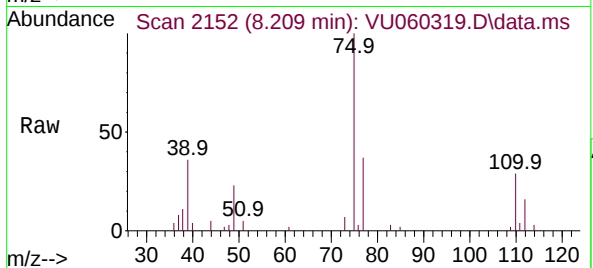




#50
t-1,3-Dichloropropene
Concen: 0.917 ug/l
RT: 8.209 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

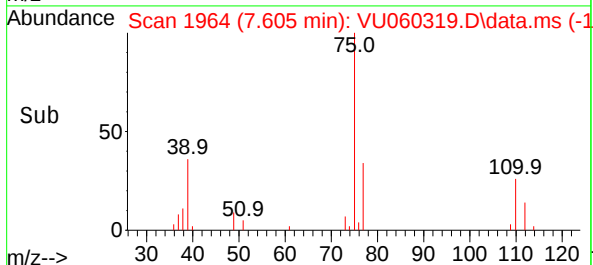
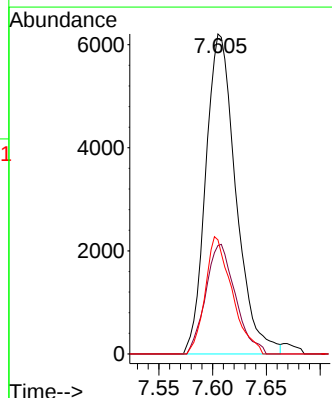
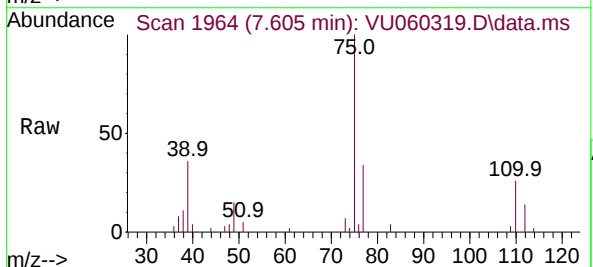
Instrument :
MSVOA_U
ClientSampleId :

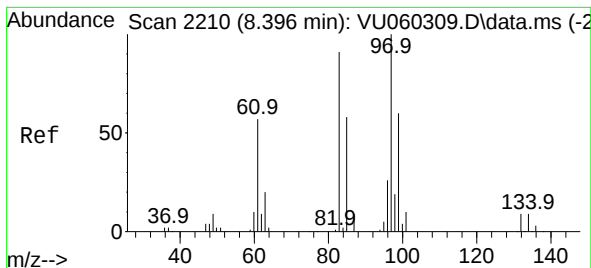
Tgt Ion: 75 Resp: 10382
Ion Ratio Lower Upper
75 100
77 37.1 24.6 37.0#



#51
cis-1,3-Dichloropropene
Concen: 0.890 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 75 Resp: 12124
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0
39 35.6 28.0 42.0





#52

1,1,2-Trichloroethane

Concen: 0.940 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. -0.000 min

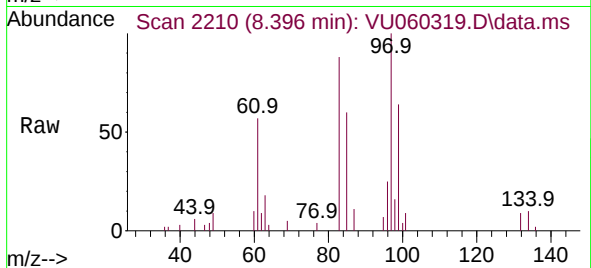
Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 7876

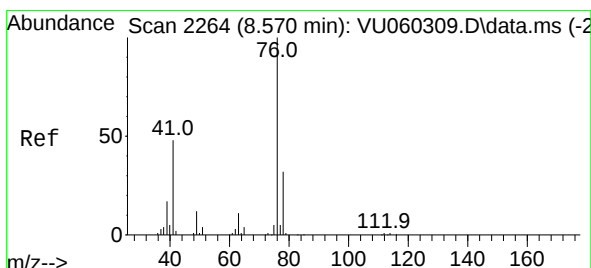
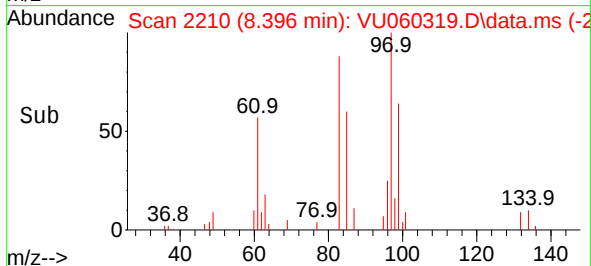
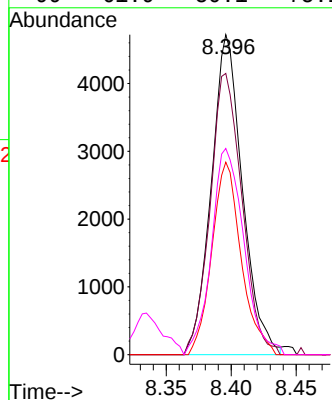
Ion Ratio Lower Upper

97 100

83 87.9 73.0 109.4

85 60.1 46.2 69.4

99 61.9 50.1 75.1



#53

1,3-Dichloropropane

Concen: 0.938 ug/l

RT: 8.573 min Scan# 2265

Delta R.T. 0.003 min

Lab File: VU060319.D

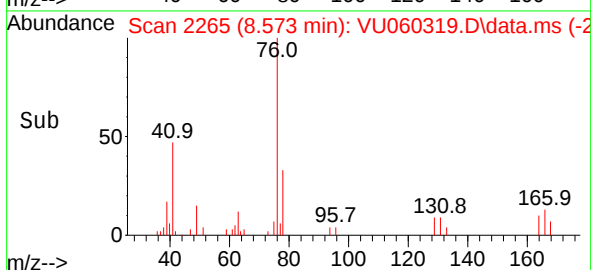
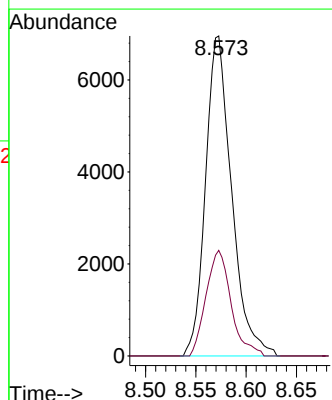
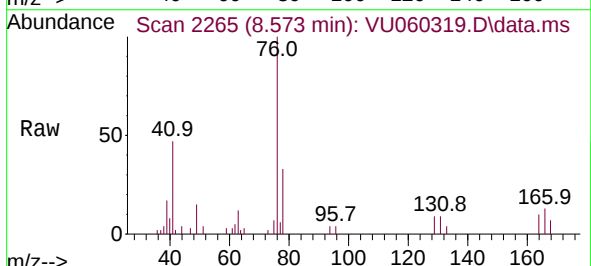
Acq: 06 Aug 2024 13:38

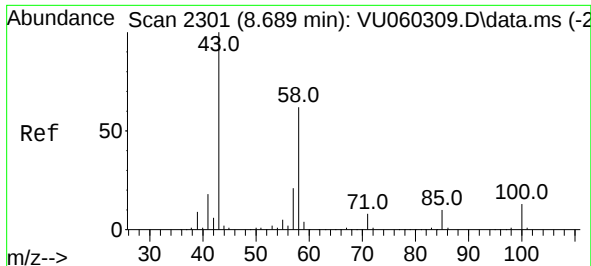
Tgt Ion: 76 Resp: 12541

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2





#54

2-Hexanone

Concen: 3.921 ug/l

RT: 8.685 min Scan# 2301

Delta R.T. -0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

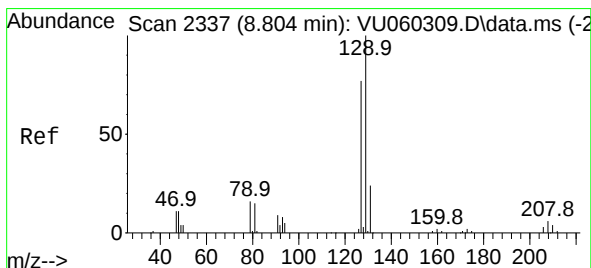
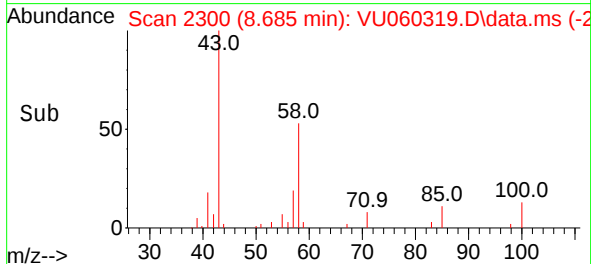
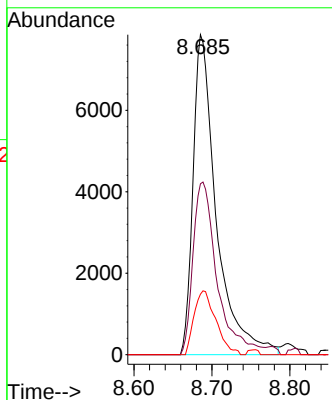
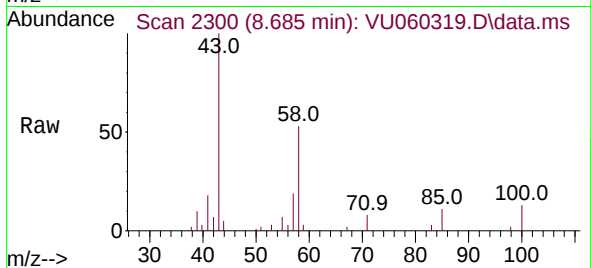
Tgt Ion: 43 Resp: 16291

Ion Ratio Lower Upper

43 100

58 56.1 40.1 80.1

57 18.6 0.3 40.3



#55

Dibromochloromethane

Concen: 0.961 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060319.D

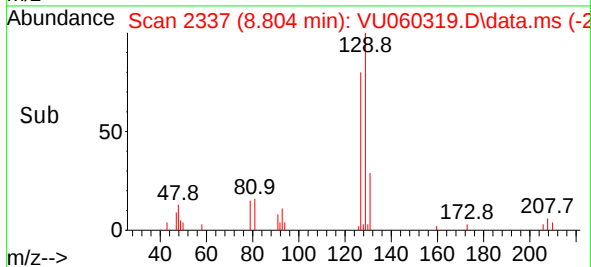
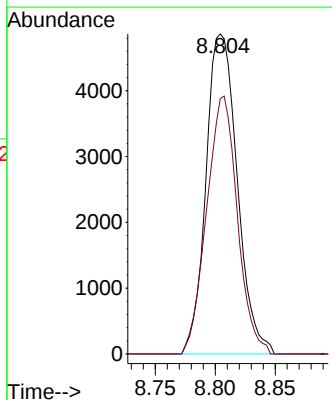
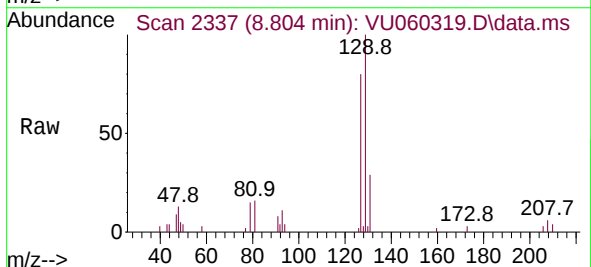
Acq: 06 Aug 2024 13:38

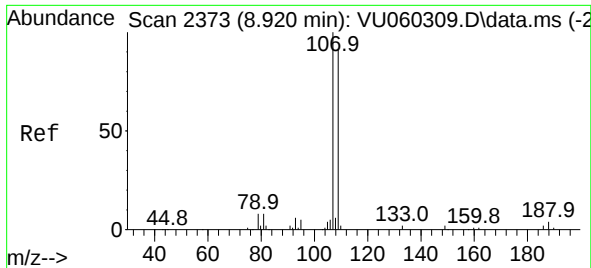
Tgt Ion: 129 Resp: 8838

Ion Ratio Lower Upper

129 100

127 79.1 61.6 92.4





#56

1,2-Dibromoethane

Concen: 0.944 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

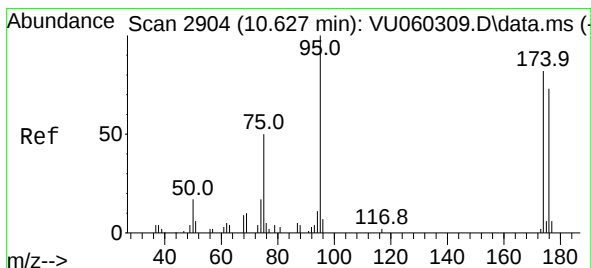
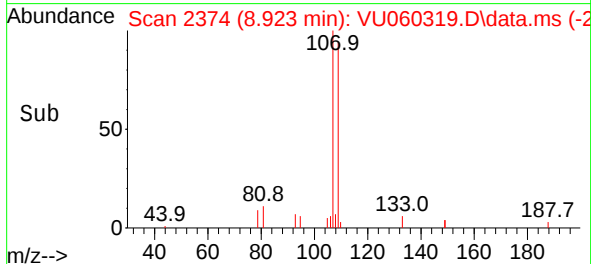
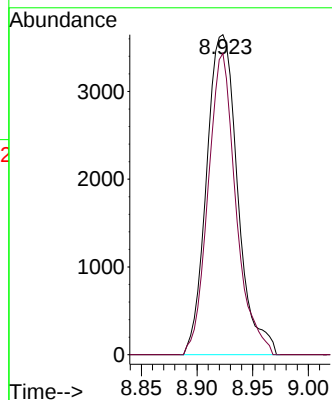
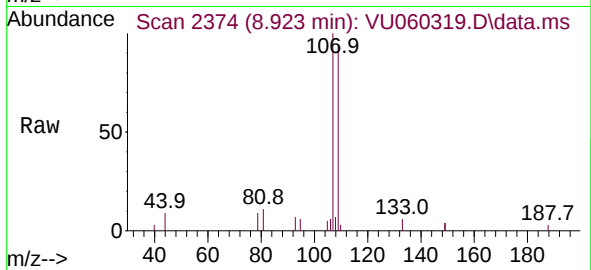
ClientSampleId :

Tgt Ion:107 Resp: 7097

Ion Ratio Lower Upper

107 100

109 84.1 0.0 184.0



#57

4-Bromofluorobenzene

Concen: 0.950 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

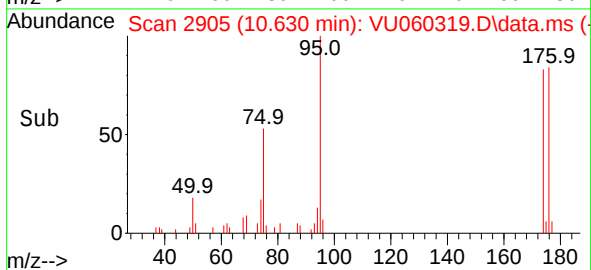
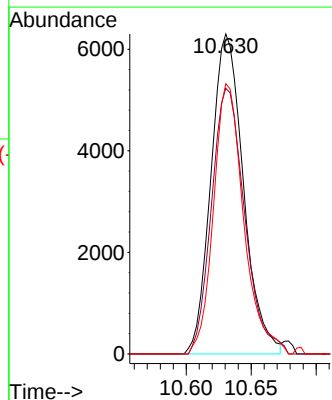
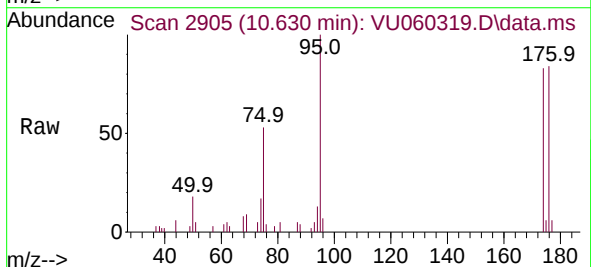
Tgt Ion: 95 Resp: 10927

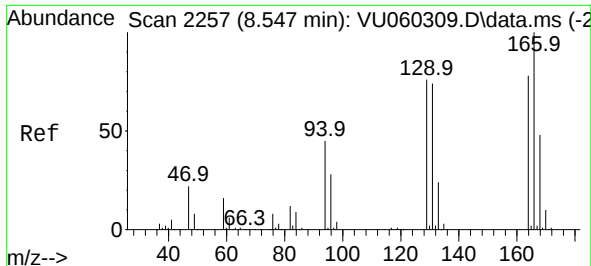
Ion Ratio Lower Upper

95 100

174 84.9 65.6 98.4

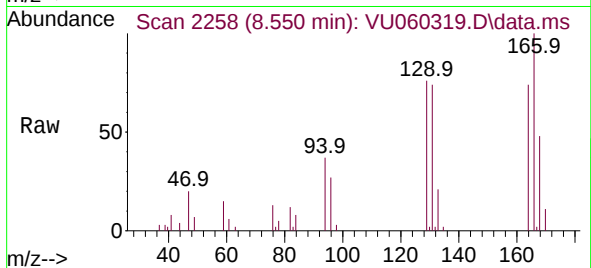
176 78.7 60.4 90.6





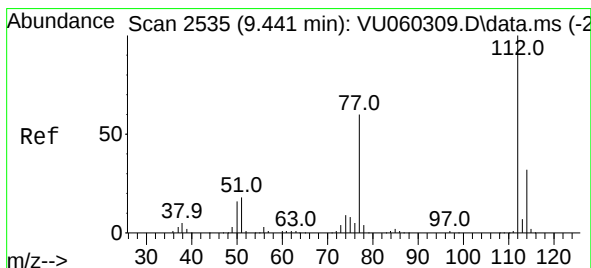
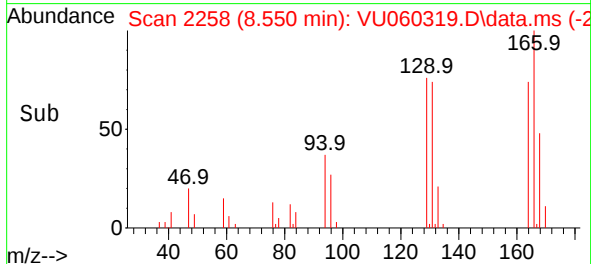
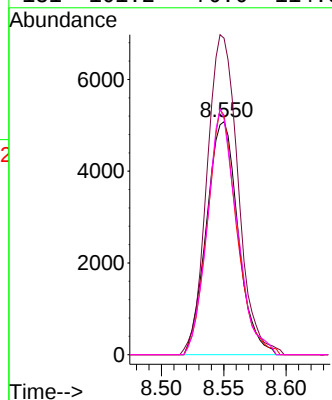
#58
Tetrachloroethene
Concen: 0.972 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 8972

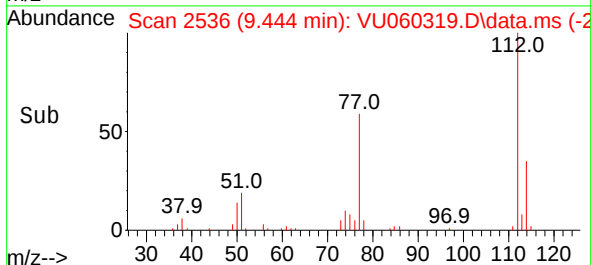
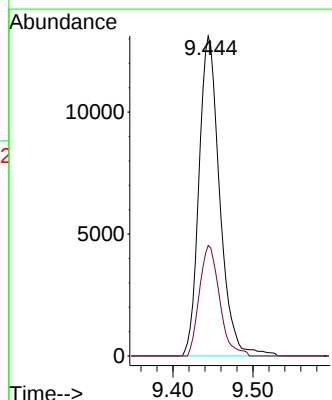
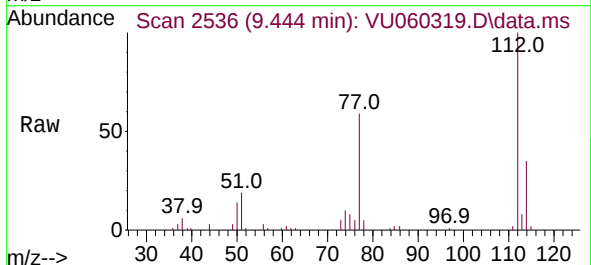
Ion	Ratio	Lower	Upper
164	100		
166	135.9	102.9	154.3
129	102.8	78.0	117.0
131	101.2	76.6	114.8

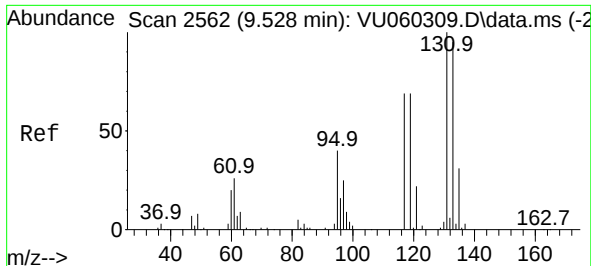


#59
Chlorobenzene
Concen: 0.944 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:112 Resp: 23643

Ion	Ratio	Lower	Upper
112	100		
114	34.5	25.3	37.9





#60

1,1,1,2-Tetrachloroethane

Concen: 0.940 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

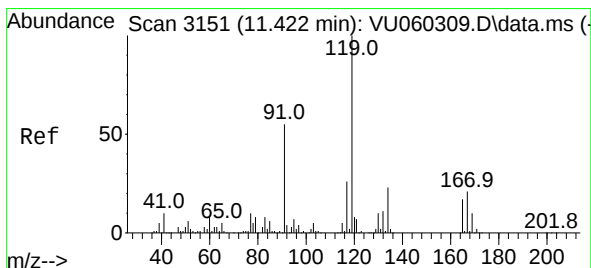
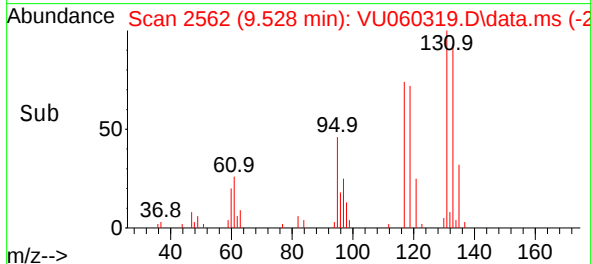
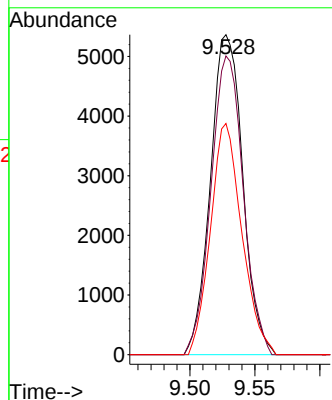
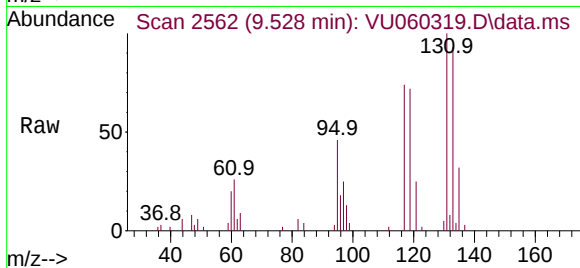
Tgt Ion:131 Resp: 9279

Ion Ratio Lower Upper

131 100

133 93.2 77.2 115.8

119 70.1 55.4 83.2



#61

Pentachloroethane

Concen: 0.893 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU060319.D

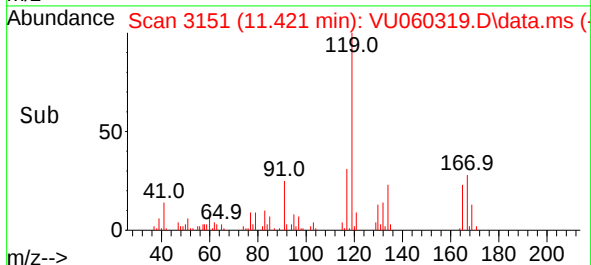
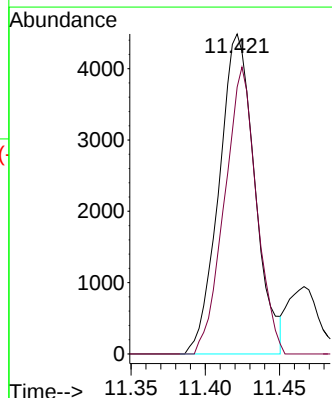
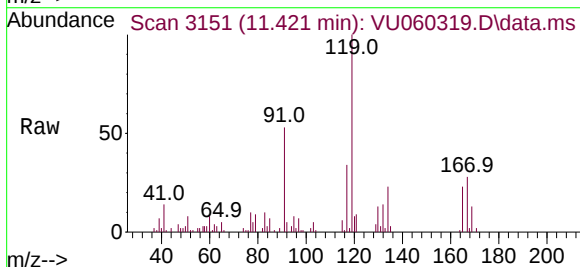
Acq: 06 Aug 2024 13:38

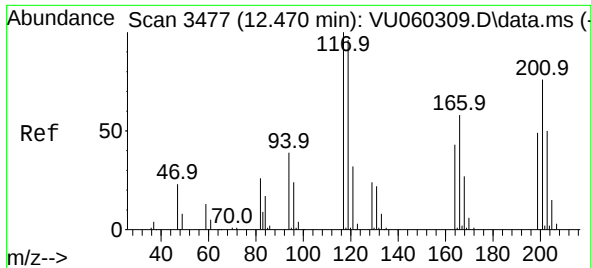
Tgt Ion:117 Resp: 7526

Ion Ratio Lower Upper

117 100

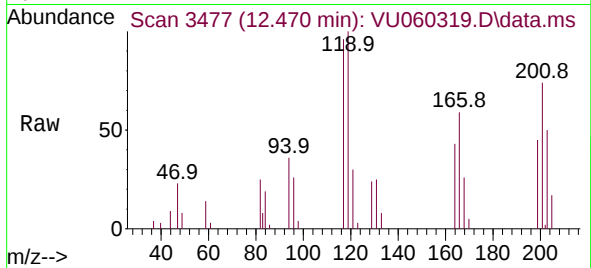
167 79.9 62.2 93.4



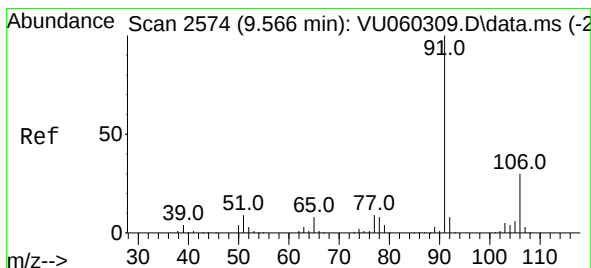
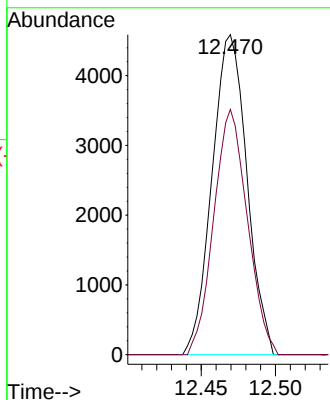
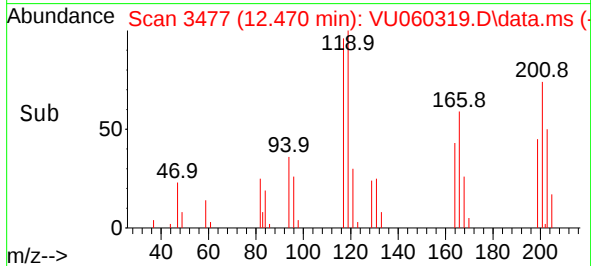


#62
Hexachloroethane
Concen: 0.919 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :

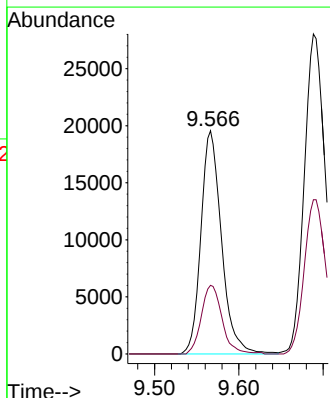
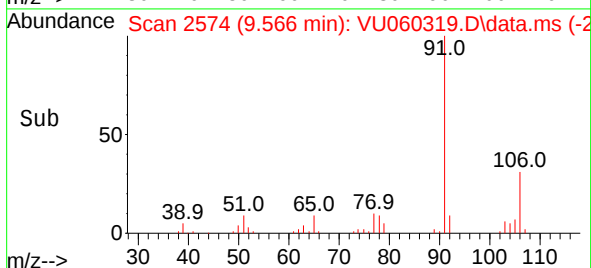
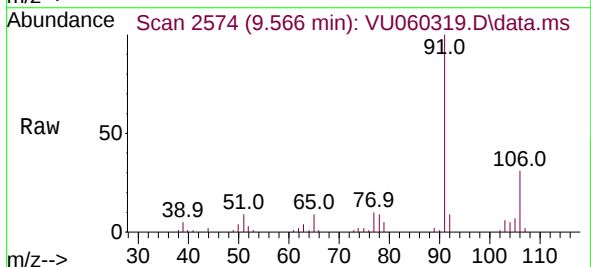


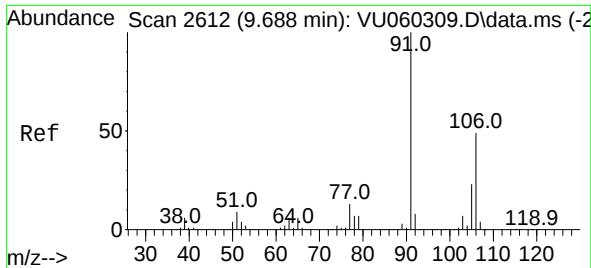
Tgt Ion:117 Resp: 7486
Ion Ratio Lower Upper
117 100
201 74.0 62.7 94.1



#63
Ethyl Benzene
Concen: 1.154 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion: 91 Resp: 33311
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

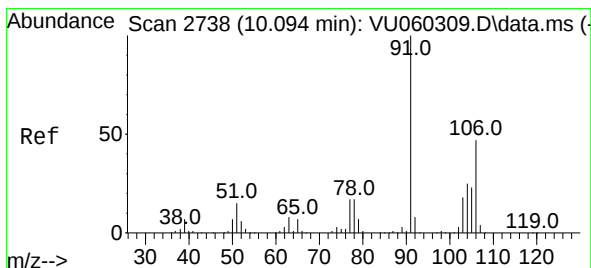
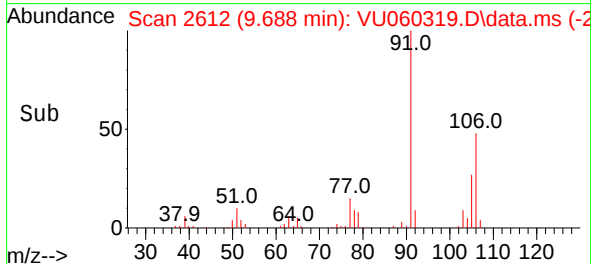
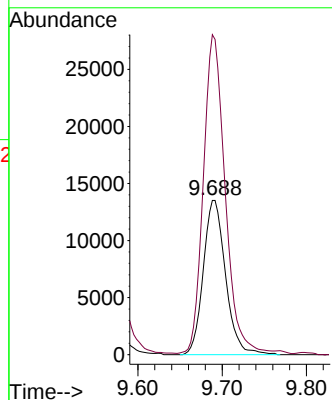
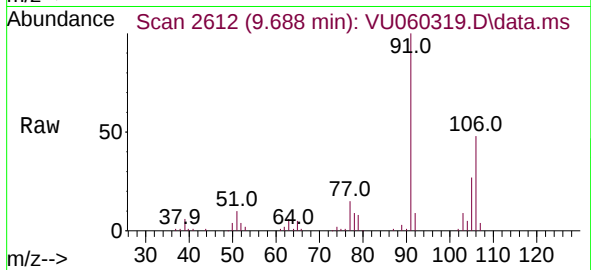




#64
m/p-Xylenes
Concen: 2.126 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

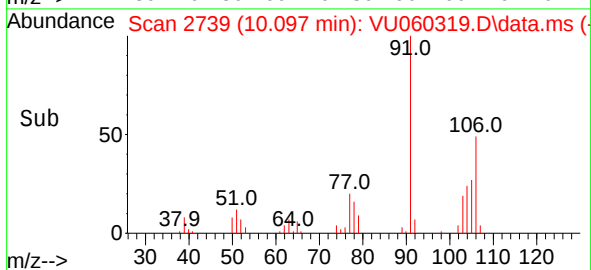
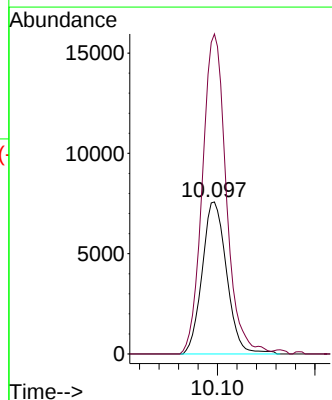
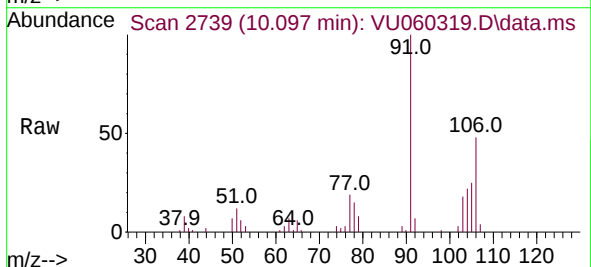
Instrument :
MSVOA_U
ClientSampleId :

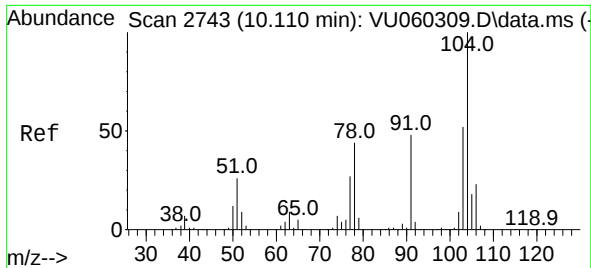
Tgt Ion:106 Resp: 24905
Ion Ratio Lower Upper
106 100
91 200.8 165.0 247.4



#65
o-Xylene
Concen: 1.134 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:106 Resp: 13220
Ion Ratio Lower Upper
106 100
91 205.4 108.8 326.4

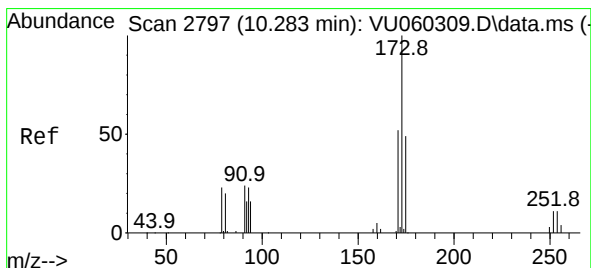
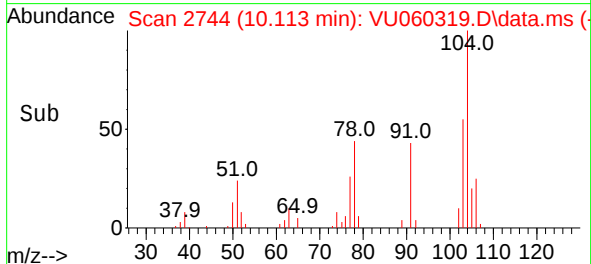
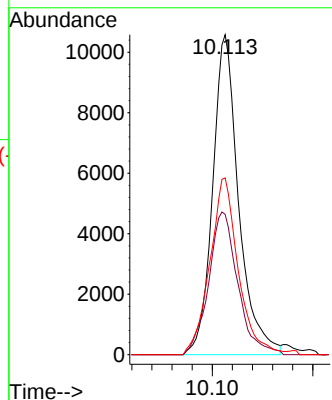
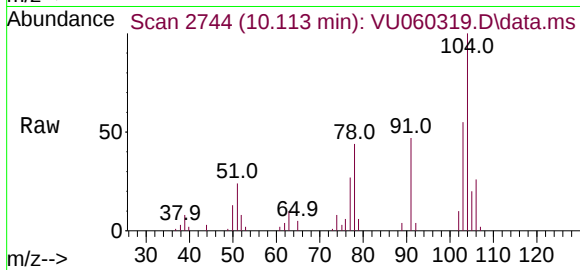




#66
Styrene
Concen: 1.048 ug/l
RT: 10.113 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

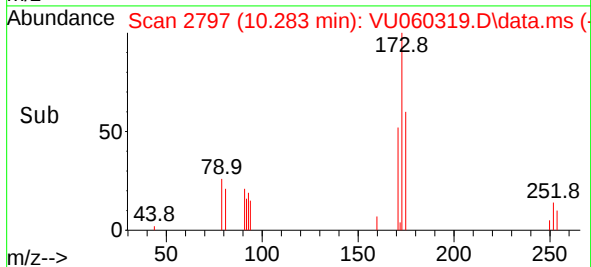
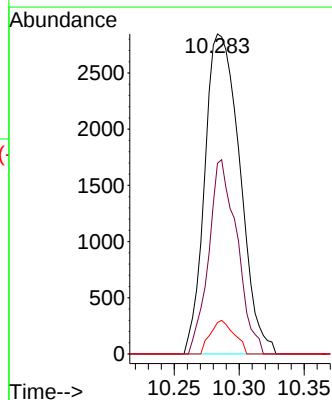
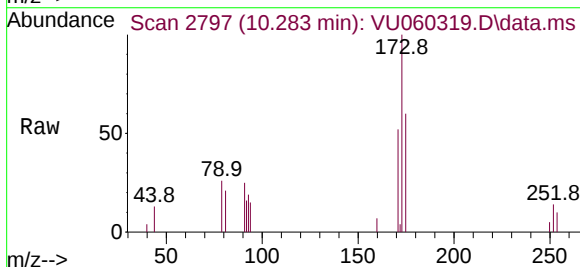
Instrument :
MSVOA_U
ClientSampleId :

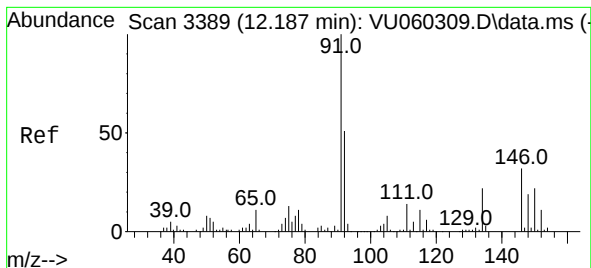
Tgt Ion:104 Resp: 19027
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 60.4 45.0 67.6



#67
Bromoform
Concen: 0.991 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:173 Resp: 5336
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
254 7.2 8.2 12.4#





#68

1,2-Dichlorobenzene-d4

Concen: 1.013 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

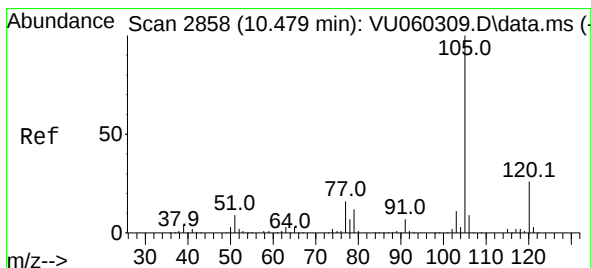
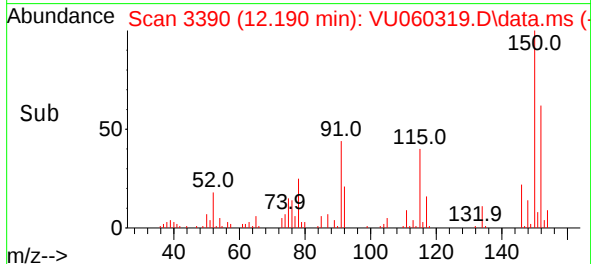
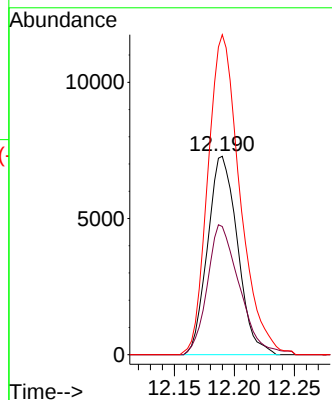
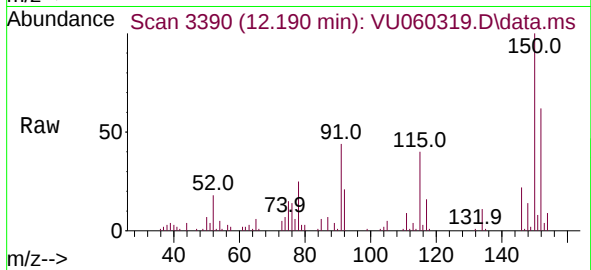
Tgt Ion:152 Resp: 12654

Ion Ratio Lower Upper

152 100

115 70.5 0.0 325.2

150 172.6 0.0 684.2



#69

Isopropylbenzene

Concen: 1.130 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060319.D

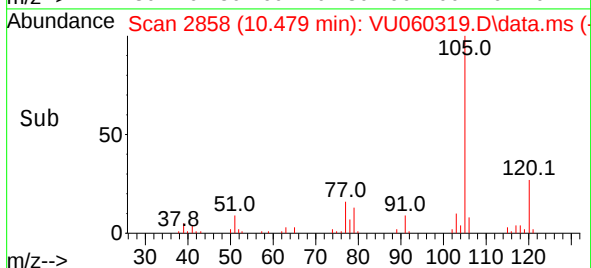
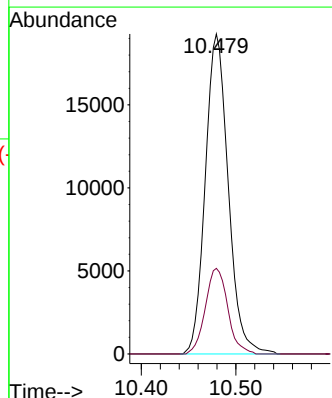
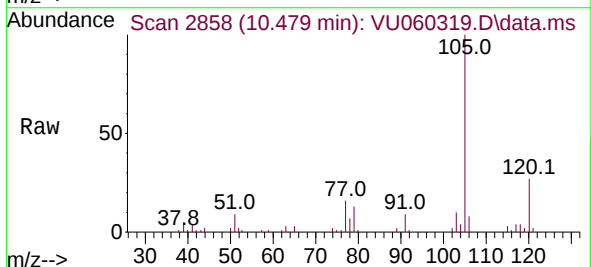
Acq: 06 Aug 2024 13:38

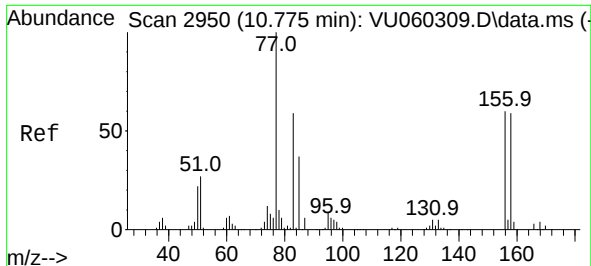
Tgt Ion:105 Resp: 32470

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0





#70

1,1,2,2-Tetrachloroethane

Concen: 0.923 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

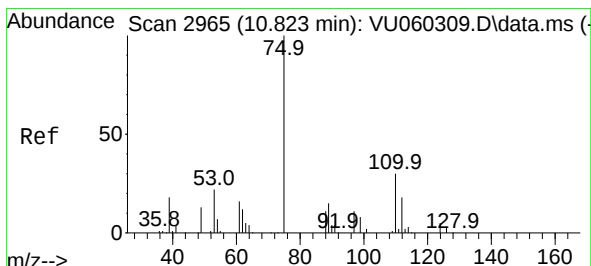
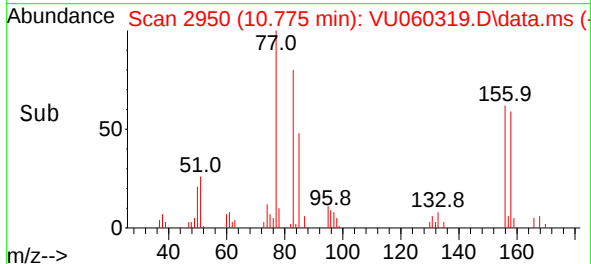
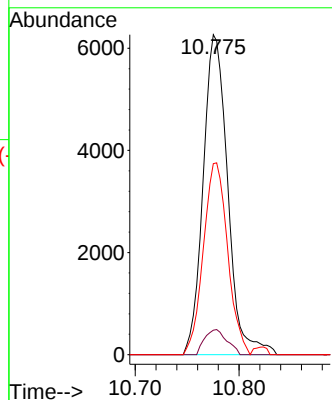
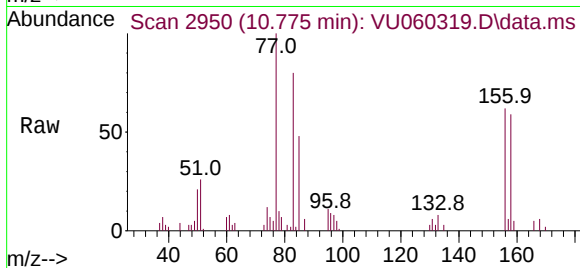
Tgt Ion: 83 Resp: 10290

Ion Ratio Lower Upper

83 100

131 7.1 7.1 10.7#

85 59.2 50.9 76.3



#71

1,2,3-Trichloropropane

Concen: 1.373 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.007 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Tgt Ion: 75 Resp: 11345

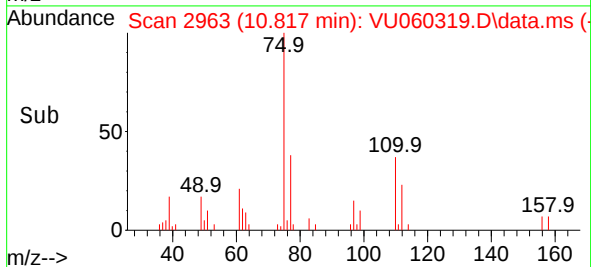
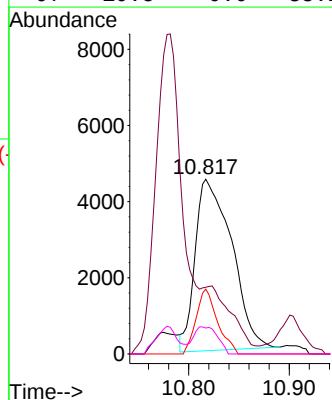
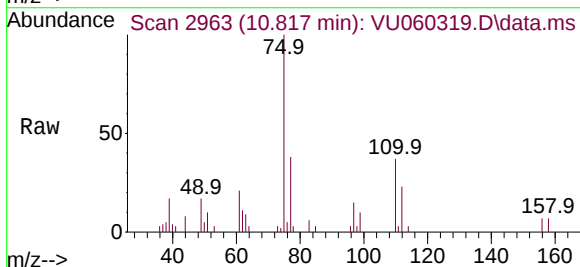
Ion Ratio Lower Upper

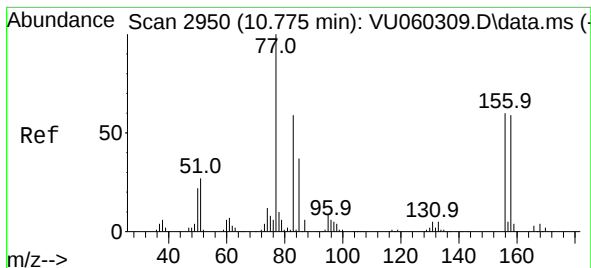
75 100

77 0.0 0.0 102.2

110 22.1 0.0 67.4

97 10.5 0.0 38.2





#72

Bromobenzene

Concen: 0.952 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

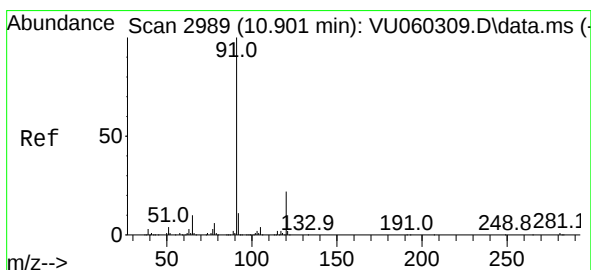
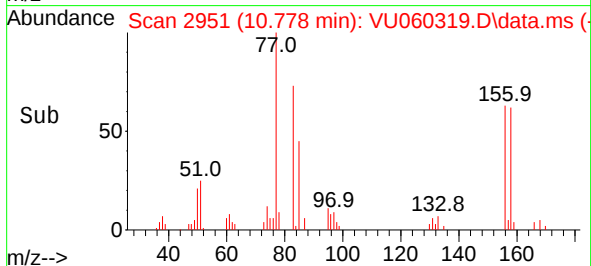
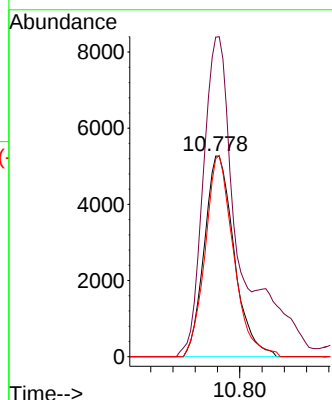
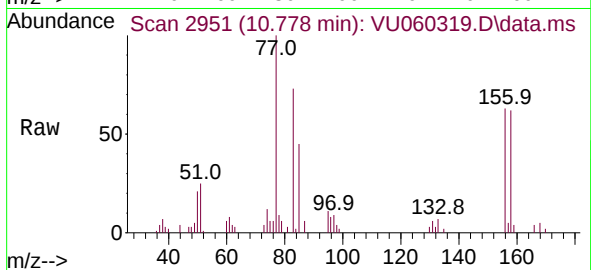
Tgt Ion:156 Resp: 9792

Ion Ratio Lower Upper

156 100

77 156.5 0.0 327.2

158 95.4 0.0 193.8



#73

n-propylbenzene

Concen: 1.091 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. -0.000 min

Lab File: VU060319.D

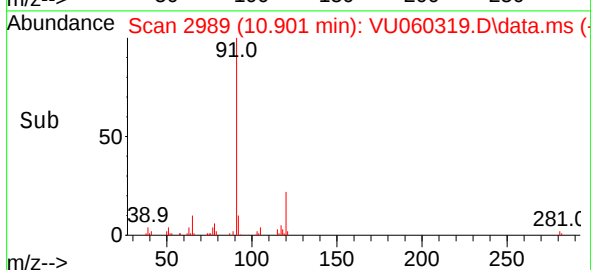
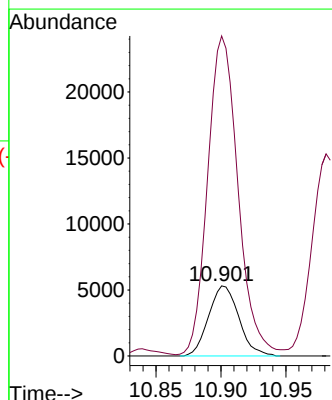
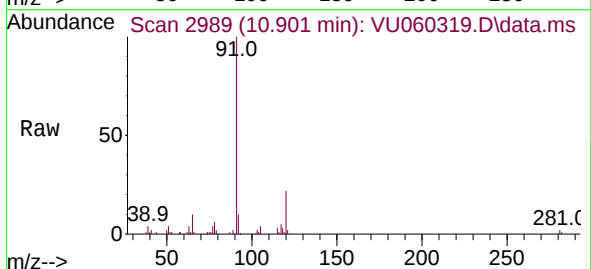
Acq: 06 Aug 2024 13:38

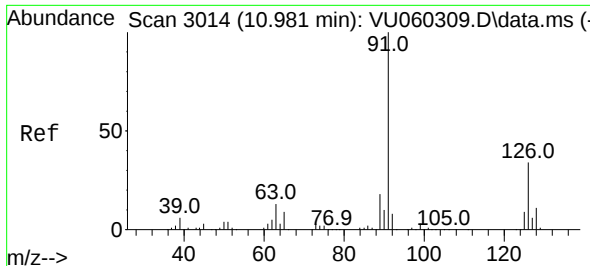
Tgt Ion:120 Resp: 8588

Ion Ratio Lower Upper

120 100

91 461.1 362.2 543.2

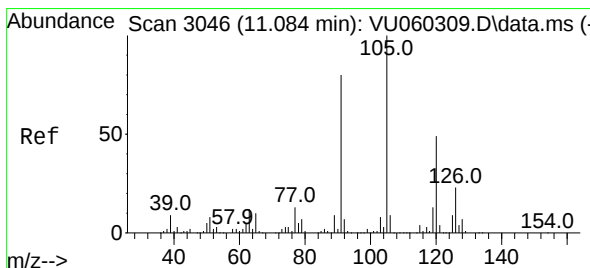
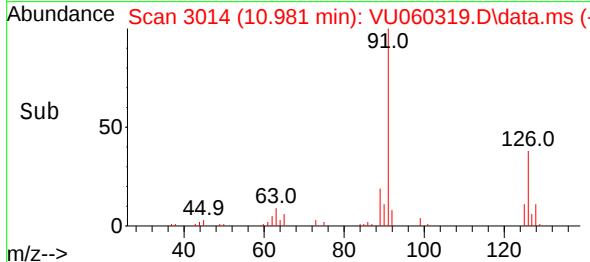
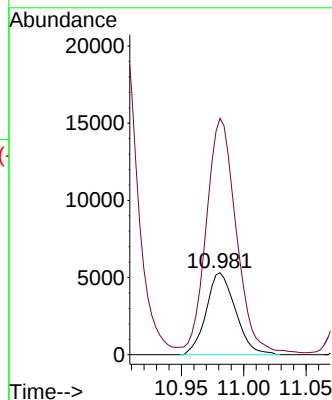
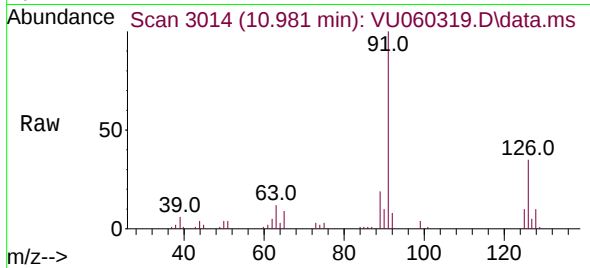




#74
2-Chlorotoluene
Concen: 1.016 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

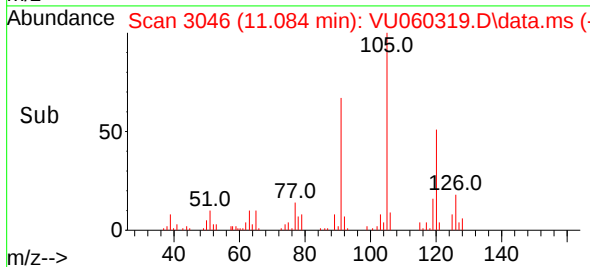
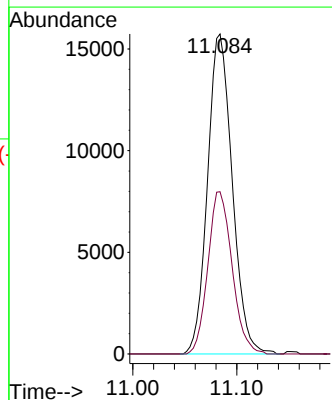
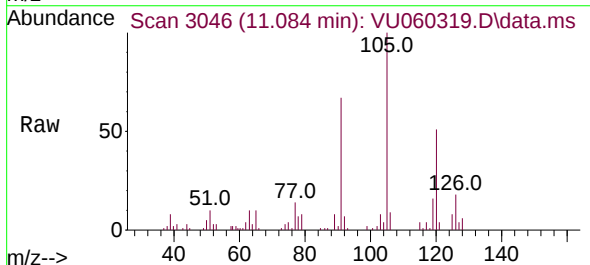
Instrument :
MSVOA_U
ClientSampleId :

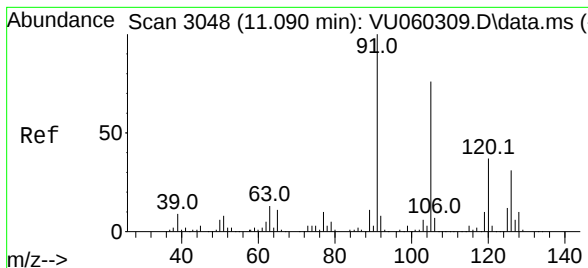
Tgt Ion:126 Resp: 8664
Ion Ratio Lower Upper
126 100
91 299.6 0.0 585.6



#75
1,3,5-Trimethylbenzene
Concen: 1.046 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:105 Resp: 25981
Ion Ratio Lower Upper
105 100
120 49.7 38.6 57.8

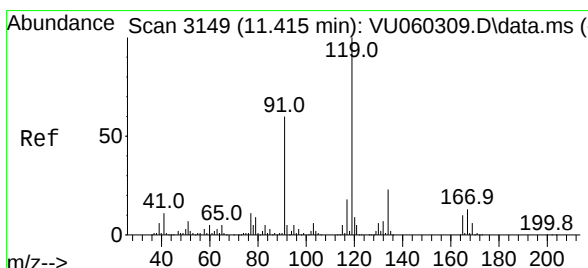
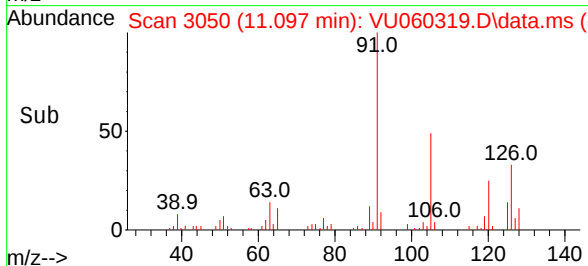
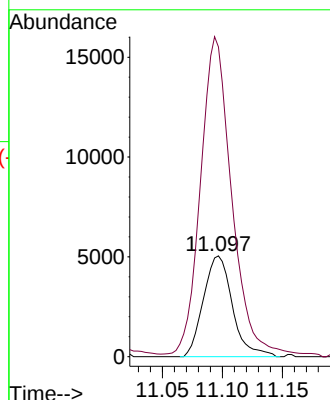
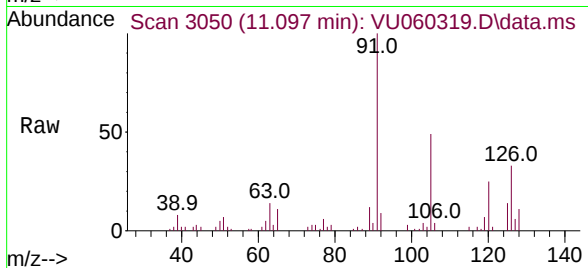




#76
4-Chlorotoluene
Concen: 0.991 ug/l
RT: 11.097 min Scan# 3048
Delta R.T. 0.007 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

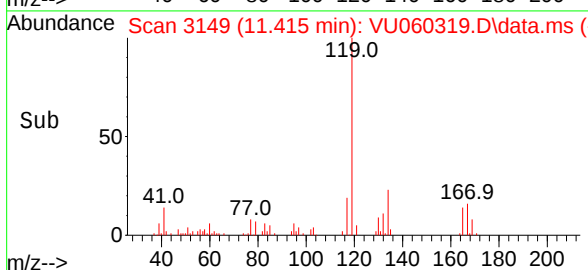
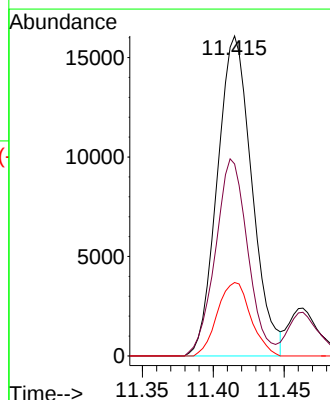
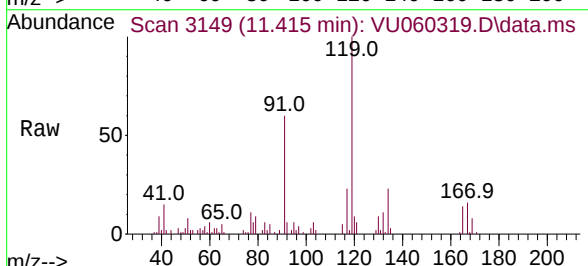
Instrument :
MSVOA_U
ClientSampleId :

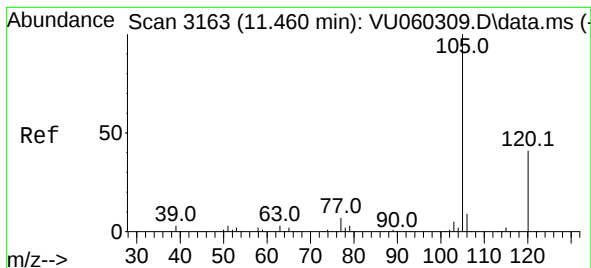
Tgt Ion:126 Resp: 8505
Ion Ratio Lower Upper
126 100
91 345.4 0.0 669.4



#77
tert-Butylbenzene
Concen: 1.102 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU060319.D
Acq: 06 Aug 2024 13:38

Tgt Ion:119 Resp: 27340
Ion Ratio Lower Upper
119 100
91 57.7 29.0 87.1
134 22.1 17.8 26.8





#78

1,2,4-Trimethylbenzene

Concen: 1.059 ug/l

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

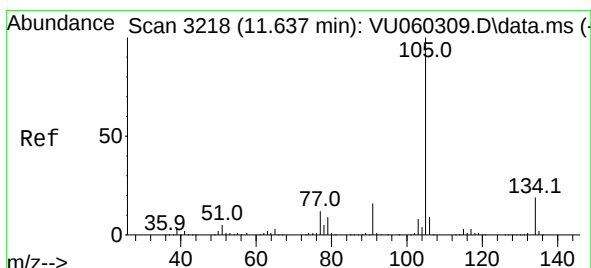
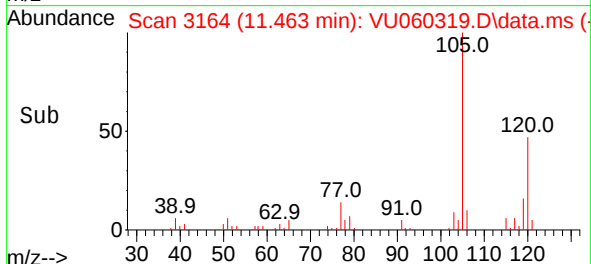
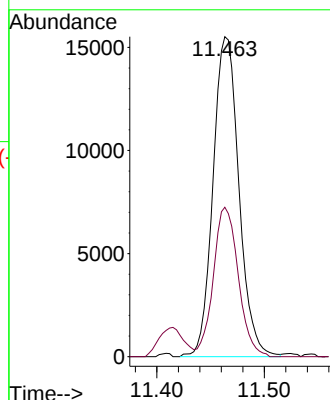
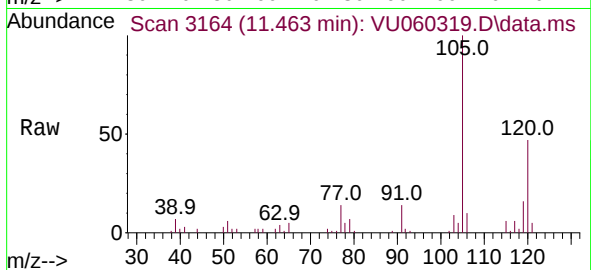
ClientSampleId :

Tgt Ion:105 Resp: 25974

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.7



#79

sec-Butylbenzene

Concen: 1.082 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.000 min

Lab File: VU060319.D

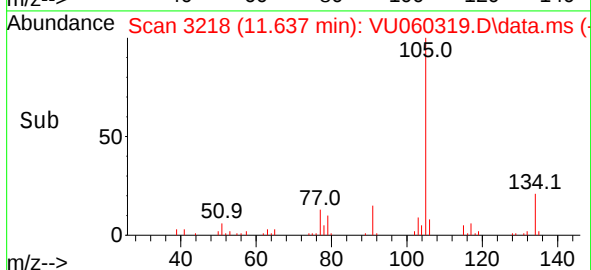
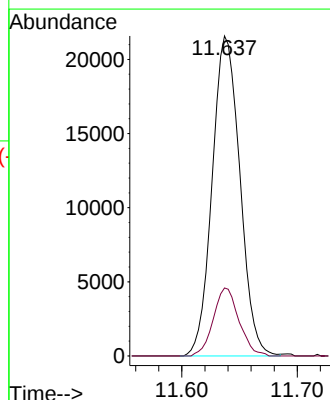
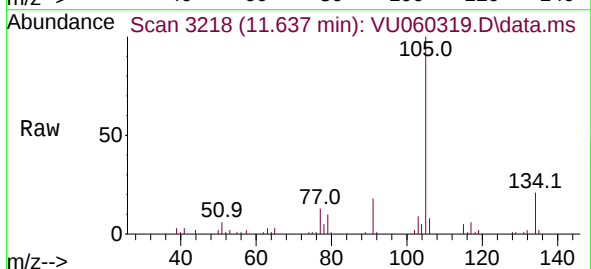
Acq: 06 Aug 2024 13:38

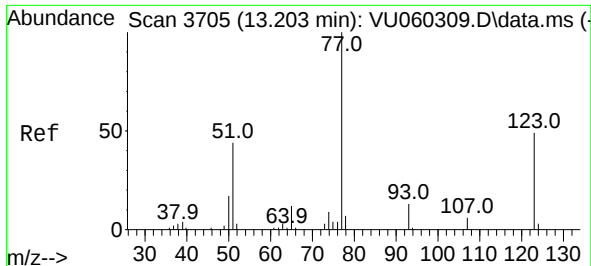
Tgt Ion:105 Resp: 35980

Ion Ratio Lower Upper

105 100

134 19.7 15.5 23.3





#80

Nitrobenzene

Concen: 2.948 ug/l

RT: 13.222 min Scan# 3711

Delta R.T. 0.019 min

Lab File: VU060319.D

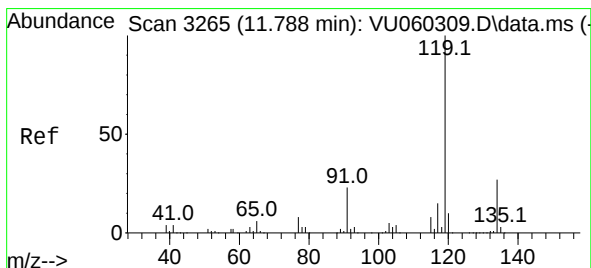
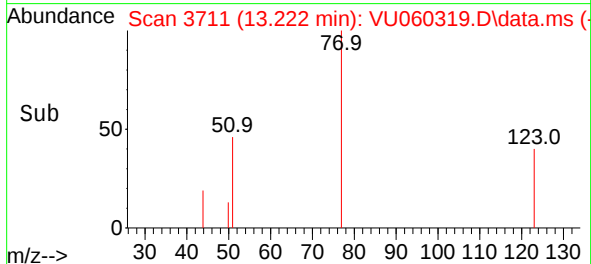
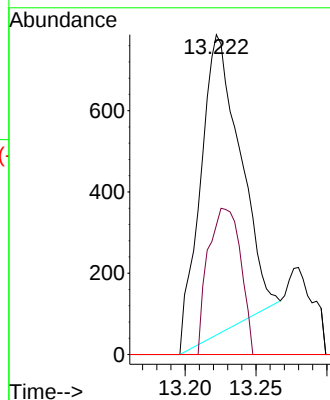
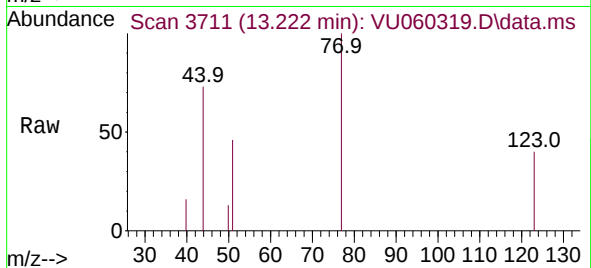
Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 77	Resp: 1444
Ion Ratio	Lower Upper
77 100	
123 39.6	19.6 69.6
65 0.0	9.0 11.4#



#81

p-Isopropyltoluene

Concen: 1.083 ug/l

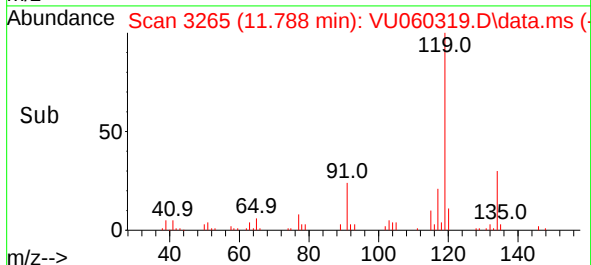
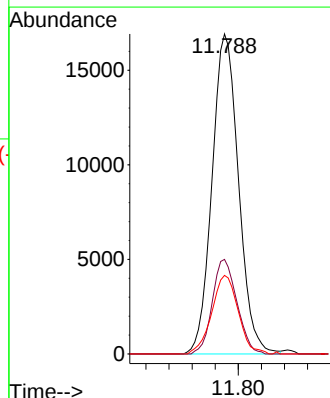
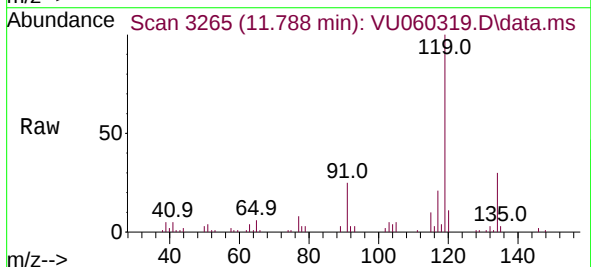
RT: 11.788 min Scan# 3265

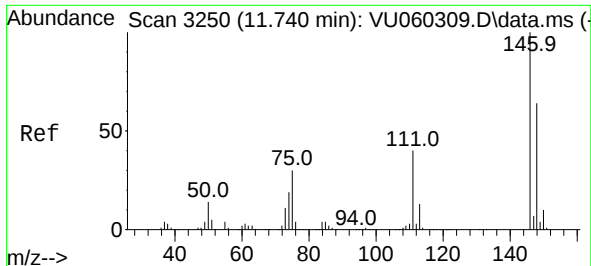
Delta R.T. 0.000 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Tgt Ion: 119	Resp: 26937
Ion Ratio	Lower Upper
119 100	
134 27.4	21.2 31.8
91 24.5	18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 0.907 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.006 min

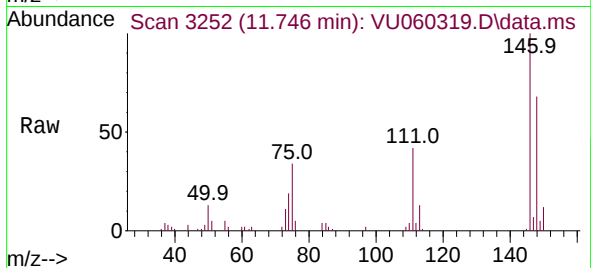
Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :



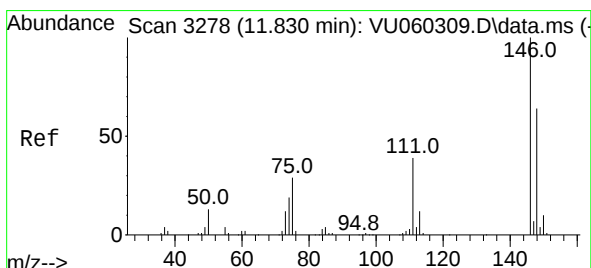
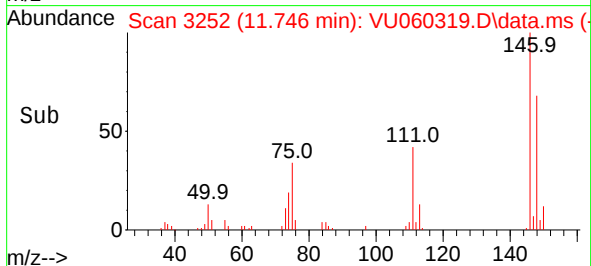
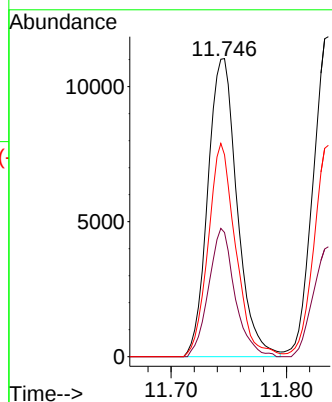
Tgt Ion:146 Resp: 19472

Ion Ratio Lower Upper

146 100

111 38.6 32.0 48.0

148 66.9 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 0.969 ug/l

RT: 11.836 min Scan# 3280

Delta R.T. 0.006 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

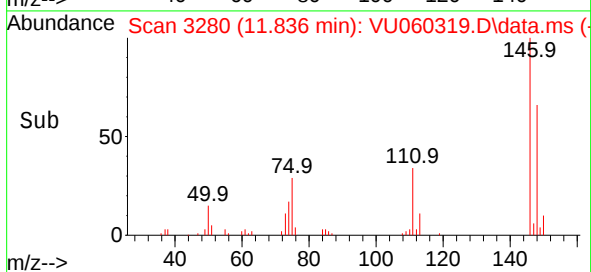
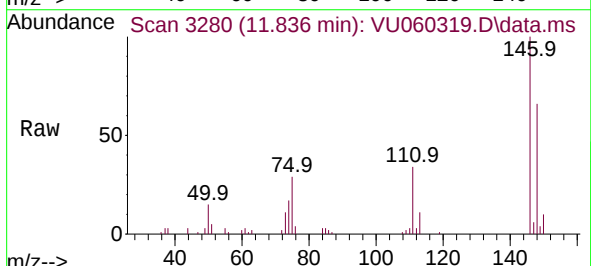
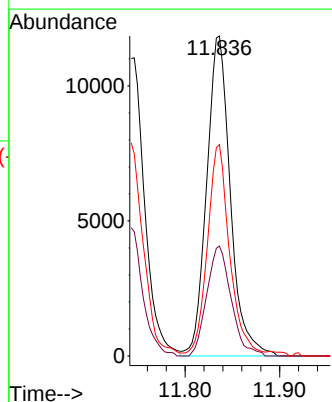
Tgt Ion:146 Resp: 20653

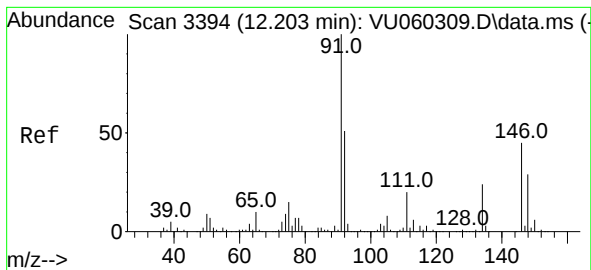
Ion Ratio Lower Upper

146 100

111 35.2 30.9 46.3

148 60.0 51.8 77.6





#84

n-Butylbenzene

Concen: 1.099 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060319.D

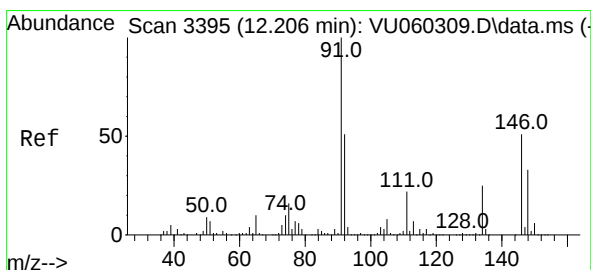
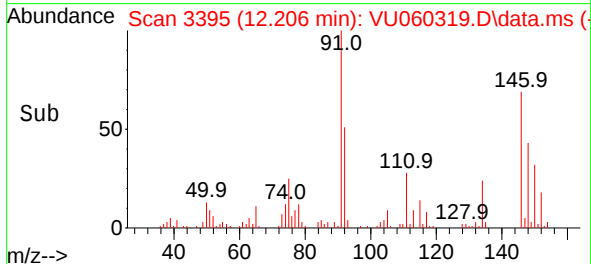
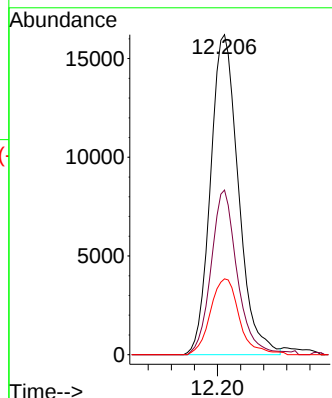
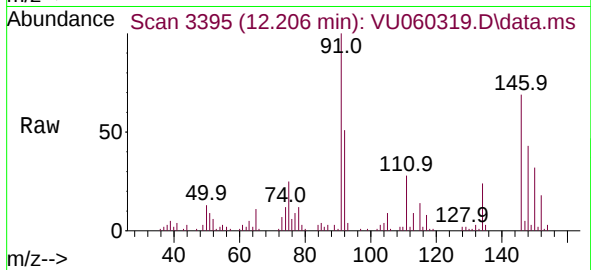
Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 91	Resp:	27196
Ion Ratio	Lower	Upper
91	100	
92	48.6	41.0 61.6
134	24.7	19.4 29.2



#85

1,2-Dichlorobenzene

Concen: 0.953 ug/l

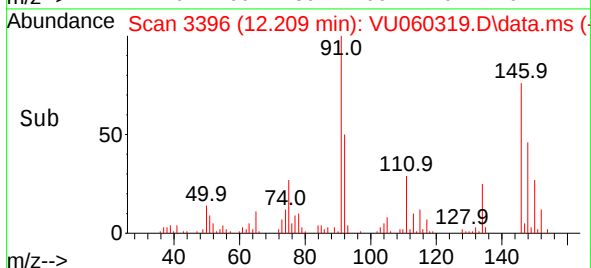
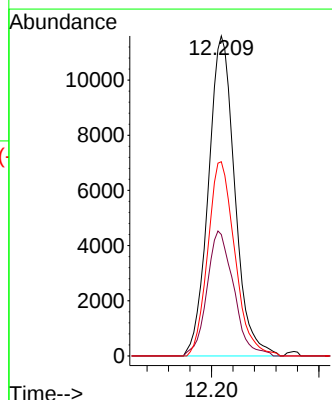
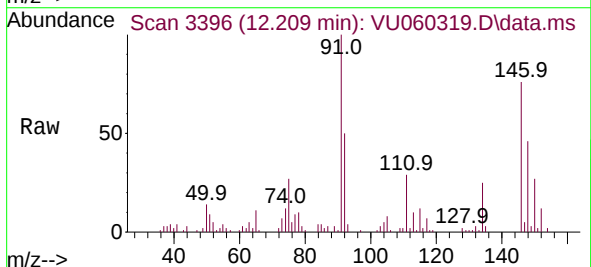
RT: 12.209 min Scan# 3396

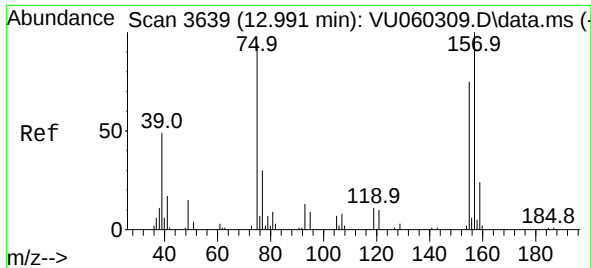
Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Tgt Ion:146	Resp:	19780
Ion Ratio	Lower	Upper
146	100	
111	39.4	21.3 63.7
148	62.2	32.0 96.0





#86

1,2-Dibromo-3-Chloropropane

Concen: 0.944 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.009 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

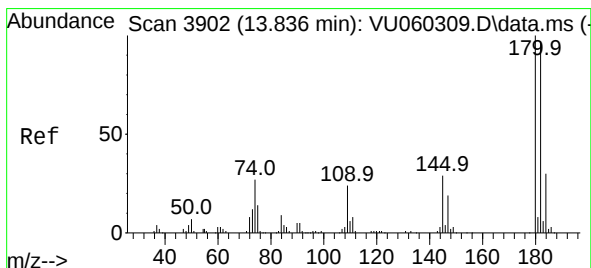
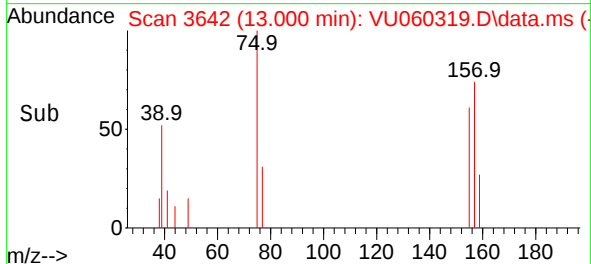
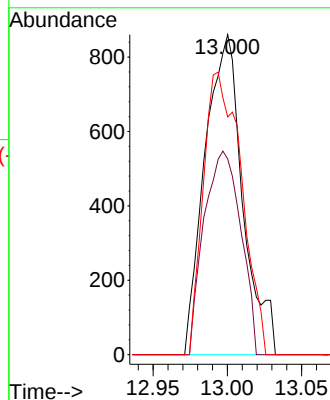
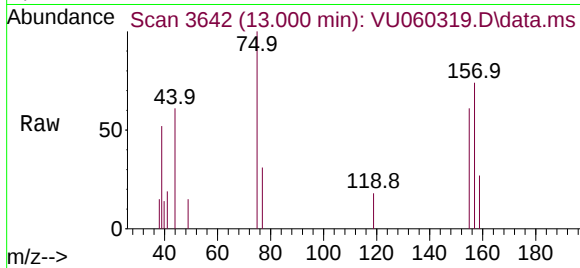
Tgt Ion: 75 Resp: 1527

Ion Ratio Lower Upper

75 100

155 61.6 66.1 99.1#

157 88.5 85.0 127.4



#87

1,2,4-Trichlorobenzene

Concen: 0.892 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

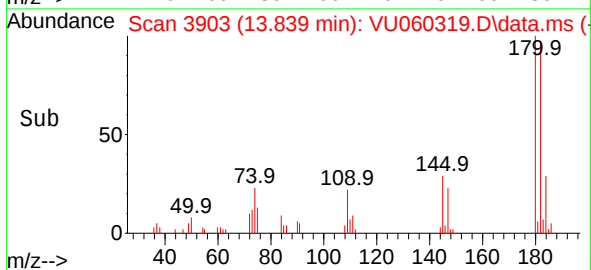
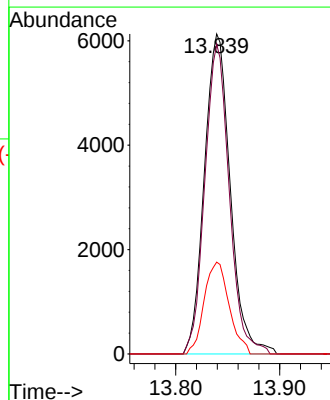
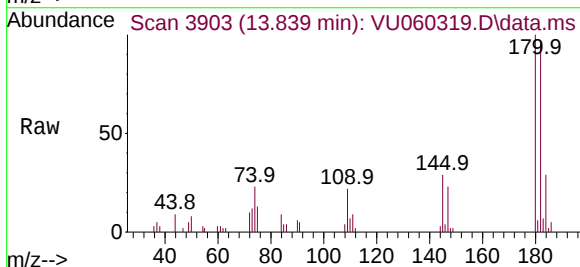
Tgt Ion:180 Resp: 10584

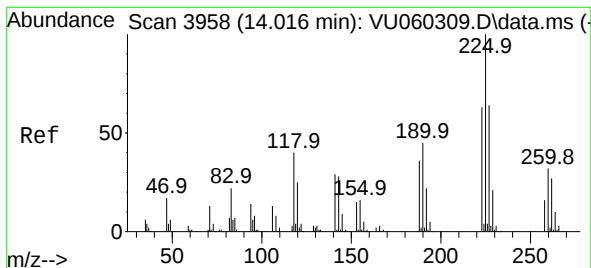
Ion Ratio Lower Upper

180 100

182 91.4 76.8 115.2

145 27.6 23.4 35.0





#88

Hexachlorobutadiene

Concen: 0.963 ug/l

RT: 14.013 min Scan# 3958

Delta R.T. -0.003 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

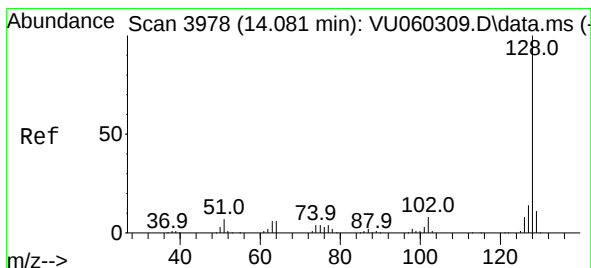
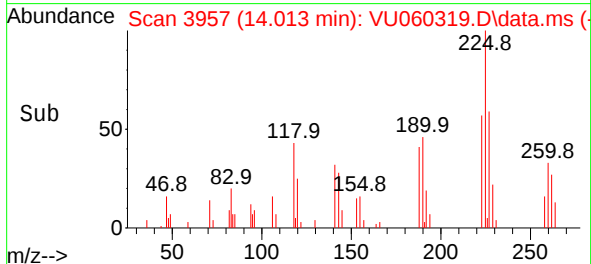
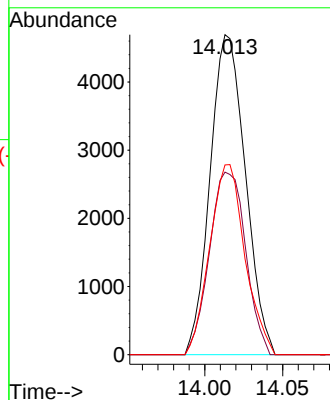
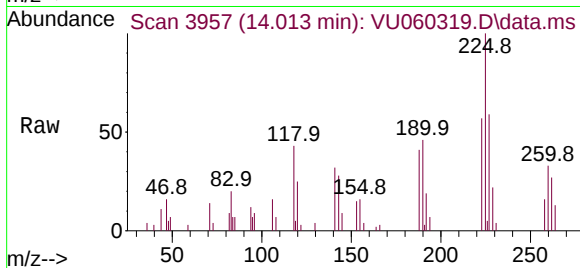
Tgt Ion:225 Resp: 7393

Ion Ratio Lower Upper

225 100

223 58.5 50.8 76.2

227 59.3 50.8 76.2



#89

Naphthalene

Concen: 0.751 ug/l

RT: 14.087 min Scan# 3980

Delta R.T. 0.006 min

Lab File: VU060319.D

Acq: 06 Aug 2024 13:38

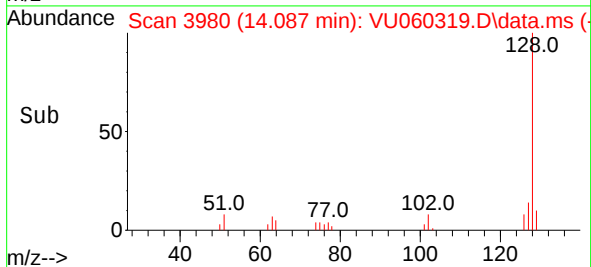
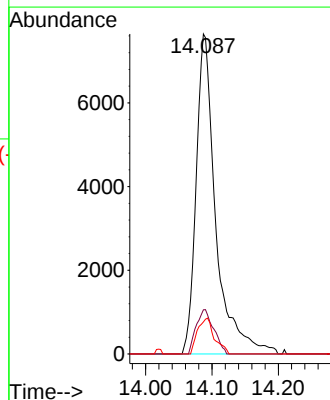
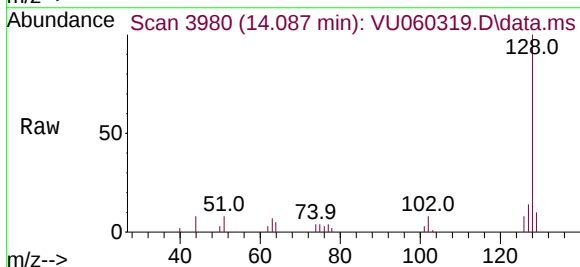
Tgt Ion:128 Resp: 15778

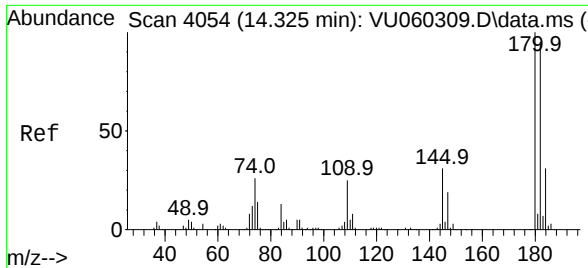
Ion Ratio Lower Upper

128 100

127 12.4 11.0 16.4

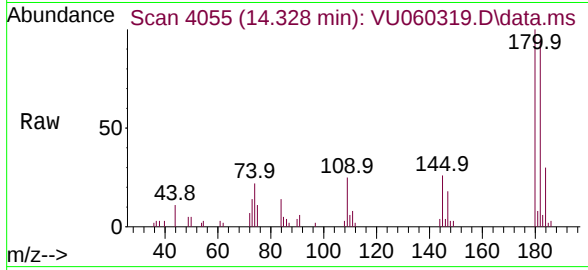
129 9.6 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 0.829 ug/l
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU060319.D
 Acq: 06 Aug 2024 13:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	9603
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.1	114.1
145	28.1	25.0	37.6

