

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060308.D
 Acq On : 05 Aug 2024 12:07
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 05:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:30:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	35436	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12863	1.065	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13762	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	68978	5.061	ug/l	99
3) Chloromethane	1.522	50	75704	4.858	ug/l	100
4) Vinyl Chloride	1.602	62	78400	5.032	ug/l	99
5) Bromomethane	1.856	94	47023	4.912	ug/l	97
6) Chloroethane	1.930	64	46400	4.921	ug/l	98
7) Trichlorofluoromethane	2.132	101	94640	5.035	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	52051	5.090	ug/l	98
9) 1,1-Dichloroethene	2.573	96	53430	5.043	ug/l	95
10) Iodomethane	2.714	142	79052	5.097	ug/l	99
11) Allyl Chloride	2.914	41	73160	5.037	ug/l	100
12) Acrylonitrile	3.322	53	28523	10.305	ug/l	97
13) Acetone	2.644	43	86702	27.864	ug/l	100
14) Carbon Disulfide	2.785	76	178417	4.967	ug/l	100
15) Methylene Chloride	3.036	84	62767	4.733	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	56546	4.981	ug/l	98
17) 1,1-Dichloroethane	3.856	63	108976	4.993	ug/l	99
18) 2-Butanone	4.727	43	107444	27.664	ug/l	98
19) Cyclohexane	5.370	56	88347	4.696	ug/l	93
20) Methylcyclohexane	6.753	83	75389	5.049	ug/l	97
21) 2,2-Dichloropropane	4.650	77	85352	5.022	ug/l	100
22) cis-1,2-Dichloroethene	4.653	96	61715	5.075	ug/l	100
23) Diethyl Ether	2.374	59	43723	5.078	ug/l	99
24) tert-Butyl Alcohol	3.248	59	26608	23.589	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	132641	5.100	ug/l	98
26) Bromochloromethane	4.962	128	25707	4.992	ug/l	95
27) Chloroform	5.078	83	106709	4.997	ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	90374	5.095	ug/l	98
29) 1,1-Dichloropropene	5.512	75	69403	4.883	ug/l	98
30) Carbon Tetrachloride	5.508	117	72706	5.029	ug/l	97
31) Isopropyl Ether	3.994	45	160465	5.030	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	156952	5.090	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	112021	5.118	ug/l	98
34) Propionitrile	4.798	54	29358	26.860	ug/l #	95
35) Benzene	5.763	78	222946	5.090	ug/l	97
36) 1,2-Dichloroethane	5.788	62	61265	5.033	ug/l	99
37) Trichloroethene	6.534	130	54130	4.992	ug/l	98
38) 1,2-Dichloropropane	6.785	63	60543	5.110	ug/l	96
39) Methacrylonitrile	4.978	41	20231	5.035	ug/l	98
40) Methyl acrylate	4.853	55	34337	4.881	ug/l	99
41) Tetrahydrofuran	5.071	42	21233	9.706	ug/l	99
42) 1-Chlorobutane	5.444	56	98102	5.006	ug/l	99
43) Dibromomethane	6.914	93	31050	5.180	ug/l	98
44) Bromodichloromethane	7.100	83	73358	5.098	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Aug 06 05:33:20 2024
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	154112	27.383	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	74626	24.224	ug/l #	58
47) Methyl methacrylate	6.965	69	54373	11.180	ug/l	99
48) Ethyl methacrylate	8.335	69	44967	5.445	ug/l	100
49) Toluene	7.962	92	130356	5.367	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	63288	5.327	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	72897	5.101	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	44851	5.097	ug/l	98
53) 1,3-Dichloropropane	8.569	76	73834	5.259	ug/l	99
54) 2-Hexanone	8.688	43	126422	28.983	ug/l	100
55) Dibromochloromethane	8.804	129	49621	5.142	ug/l	99
56) 1,2-Dibromoethane	8.920	107	41071	5.205	ug/l	97
58) Tetrachloroethene	8.547	164	50455	5.207	ug/l	98
59) Chlorobenzene	9.441	112	136822	5.203	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	52227	5.041	ug/l	99
61) Pentachloroethane	11.421	117	45766	5.172	ug/l	99
62) Hexachloroethane	12.470	117	43529	5.089	ug/l	99
63) Ethyl Benzene	9.563	91	219140	4.810	ug/l	99
64) m/p-Xylenes	9.688	106	185126	9.590	ug/l	98
65) o-Xylene	10.094	106	86382	4.742	ug/l	99
66) Styrene	10.110	104	148699	4.768	ug/l	99
67) Bromoform	10.283	173	30150	5.334	ug/l	97
69) Isopropylbenzene	10.479	105	218019	4.664	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	61173	5.225	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	74626	8.925	ug/l	74
72) Bromobenzene	10.775	156	57982	5.370	ug/l	99
73) n-propylbenzene	10.901	120	63137	4.708	ug/l	98
74) 2-Chlorotoluene	10.981	126	59818	4.925	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	202033	4.816	ug/l	100
76) 4-Chlorotoluene	11.090	126	62800	4.936	ug/l	97
77) tert-Butylbenzene	11.415	119	185285	4.683	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	206663	4.756	ug/l	100
79) sec-Butylbenzene	11.637	105	258162	4.755	ug/l	99
80) Nitrobenzene	13.206	77	13542	25.808	ug/l #	97
81) p-Isopropyltoluene	11.788	119	208932	4.679	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	119912	5.323	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	122628	5.484	ug/l	98
84) n-Butylbenzene	12.203	91	200989	4.727	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	117512	5.393	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	9130	5.378	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	64022	5.137	ug/l	99
88) Hexachlorobutadiene	14.013	225	40838	5.068	ug/l	99
89) Naphthalene	14.081	128	111520	5.054	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	64884	5.333	ug/l	98

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

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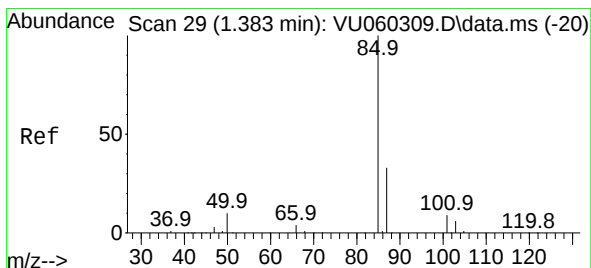
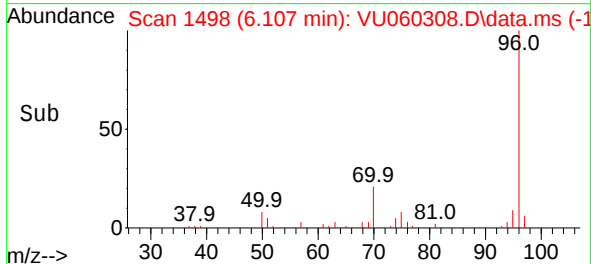
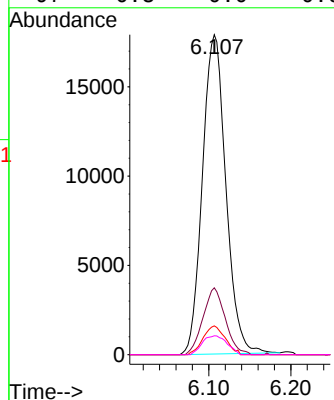
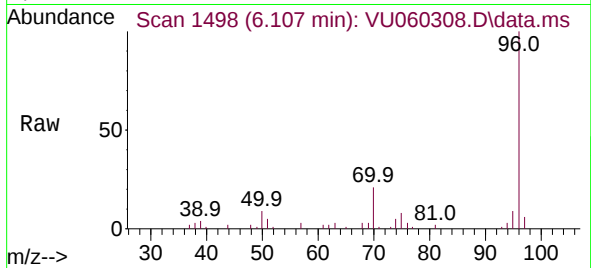




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

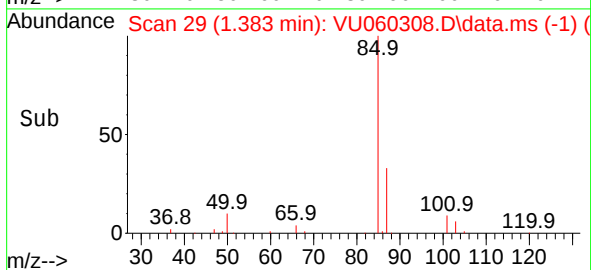
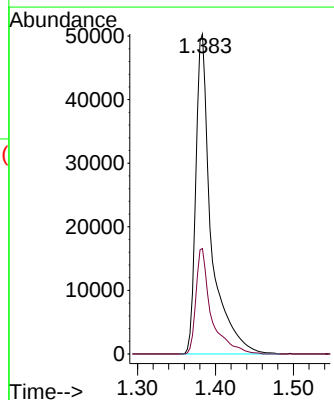
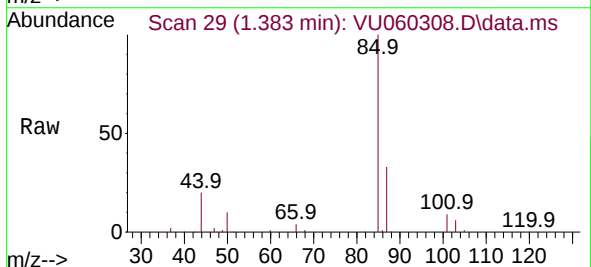
Instrument :
MSVOA_U
ClientSampleId :

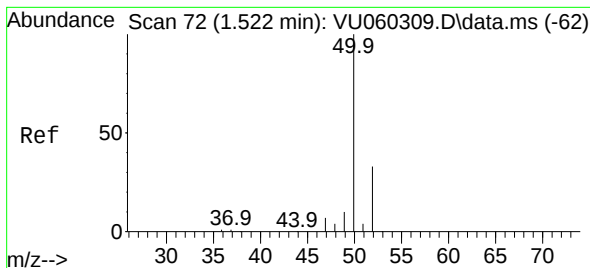
Tgt Ion: 96	Resp: 35436
Ion Ratio	Lower Upper
96	100
70	19.9 17.2 25.8
95	8.5 7.9 11.9
97	6.3 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 5.061 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 85	Resp: 68978
Ion Ratio	Lower Upper
85	100
87	32.9 16.3 48.9





#3

Chloromethane

Concen: 4.858 ug/l

RT: 1.522 min Scan# 72

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

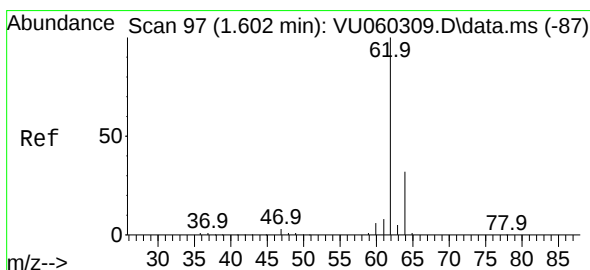
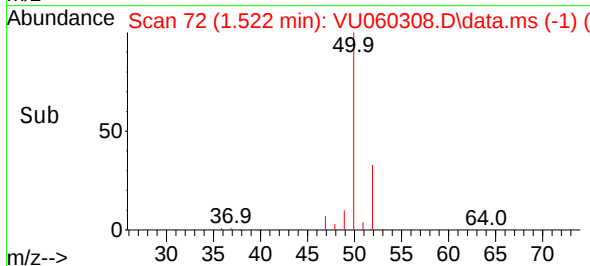
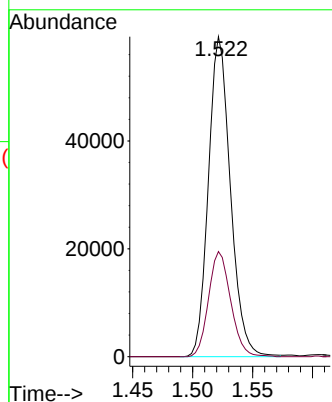
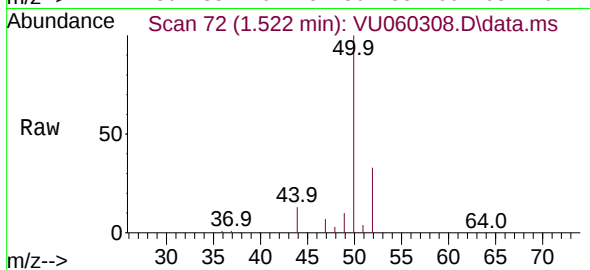
ClientSampleId :

Tgt Ion: 50 Resp: 75704

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 5.032 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU060308.D

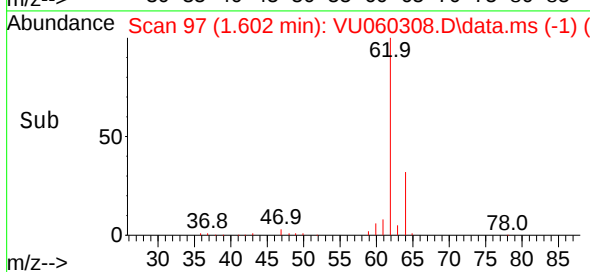
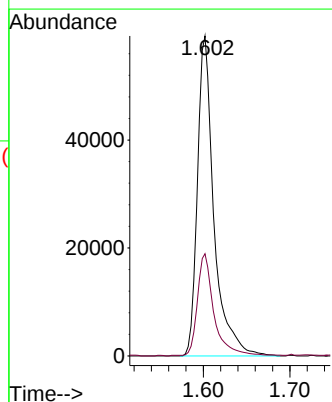
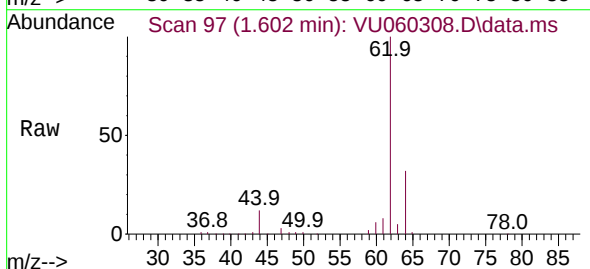
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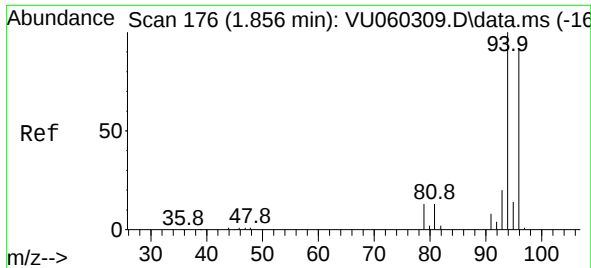
Tgt Ion: 62 Resp: 78400

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6

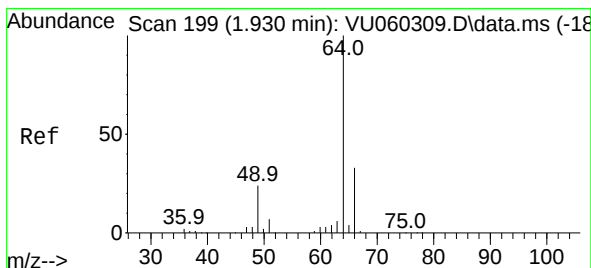
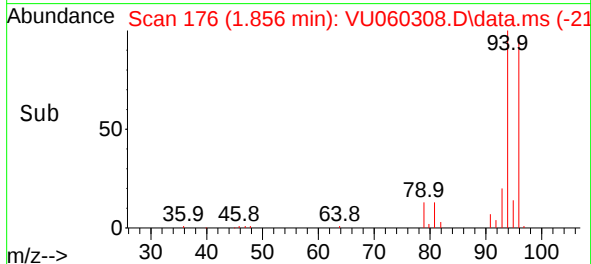
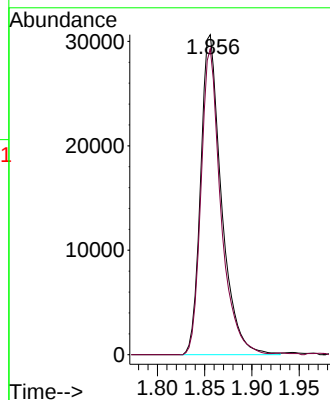
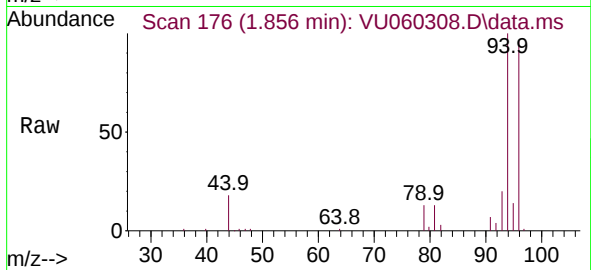




#5
Bromomethane
Concen: 4.912 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

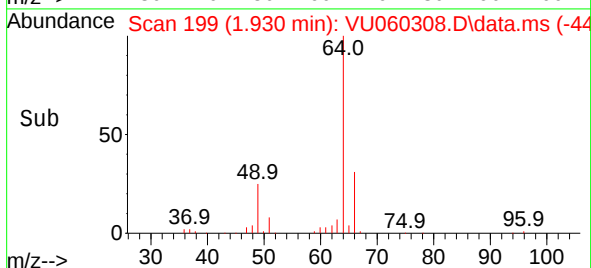
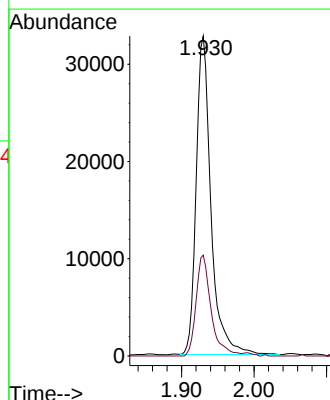
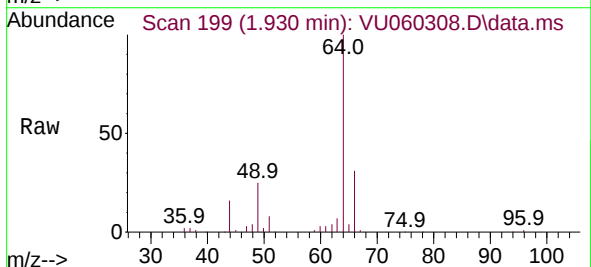
Instrument :
MSVOA_U
ClientSampleId :

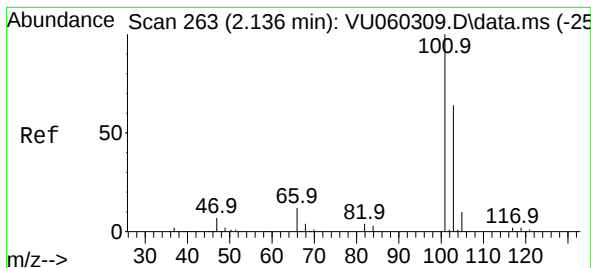
Tgt Ion: 94 Resp: 47023
Ion Ratio Lower Upper
94 100
96 95.6 73.8 110.8



#6
Chloroethane
Concen: 4.921 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 64 Resp: 46400
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7

Trichlorofluoromethane

Concen: 5.035 ug/l

RT: 2.132 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

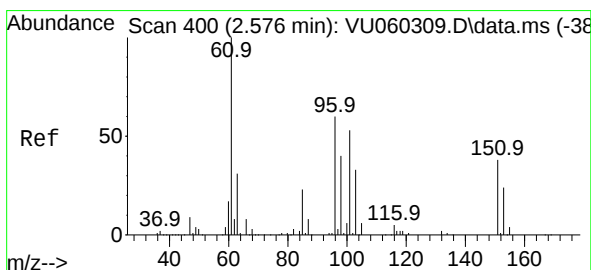
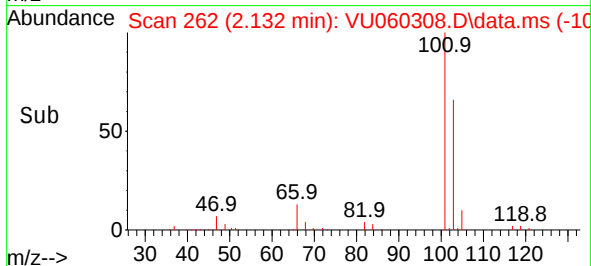
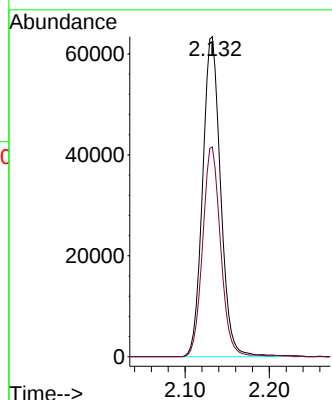
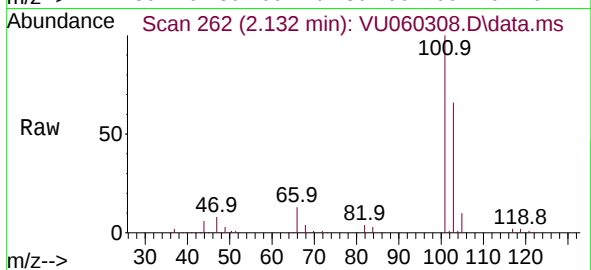
ClientSampleId :

Tgt Ion:101 Resp: 94640

Ion Ratio Lower Upper

101 100

103 65.6 51.0 76.4



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.090 ug/l

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

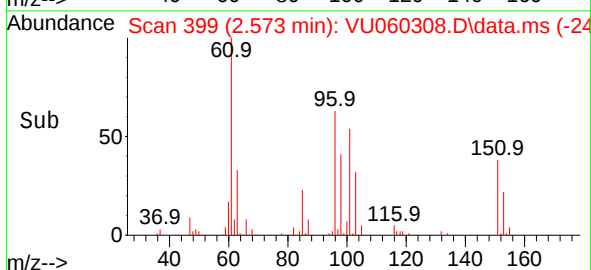
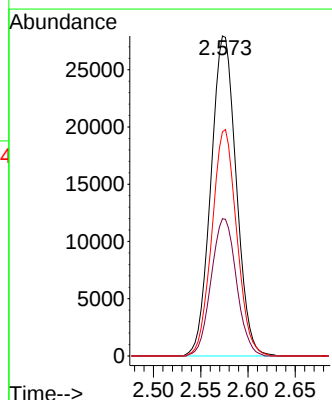
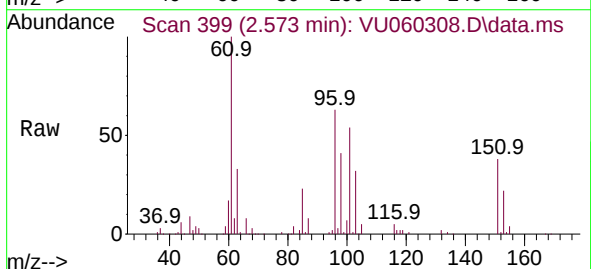
Tgt Ion:101 Resp: 52051

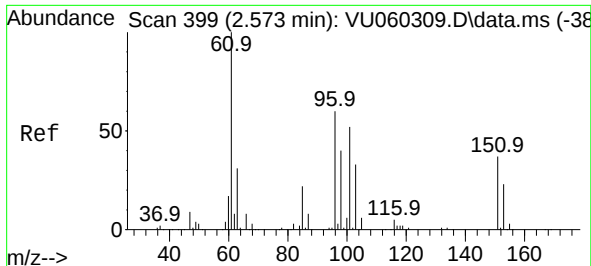
Ion Ratio Lower Upper

101 100

85 42.8 34.9 52.3

151 69.4 57.2 85.8

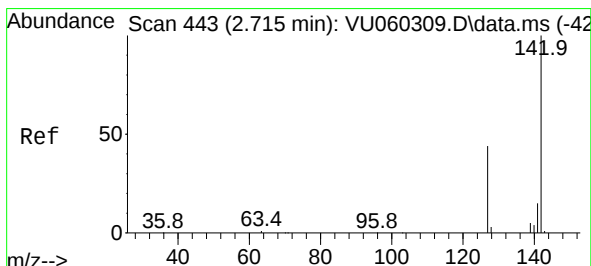
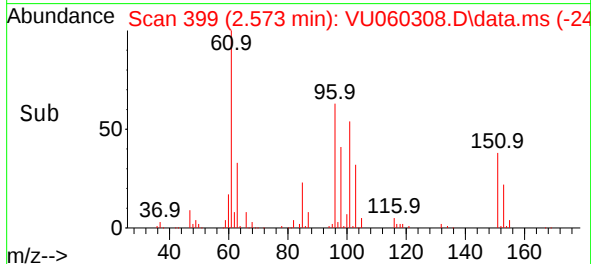
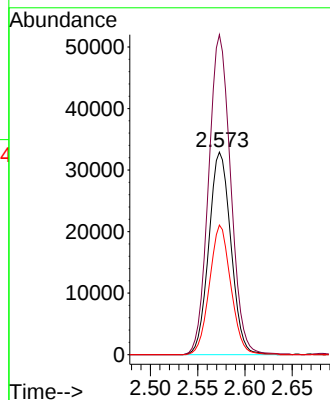
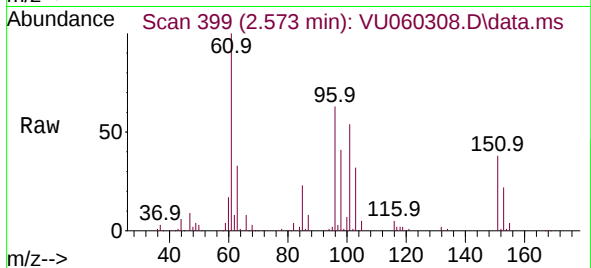




#9
1,1-Dichloroethene
Concen: 5.043 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

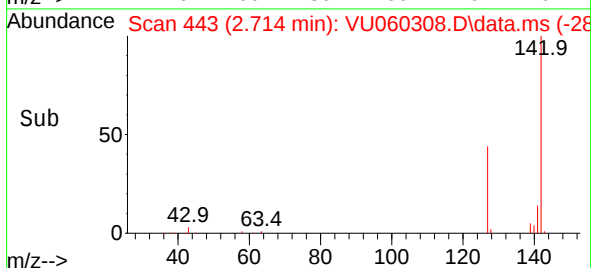
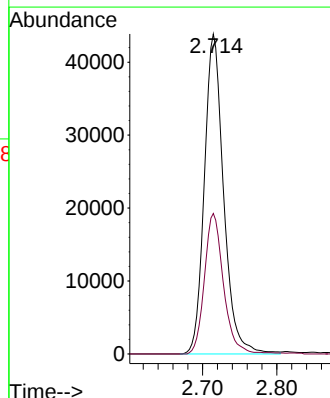
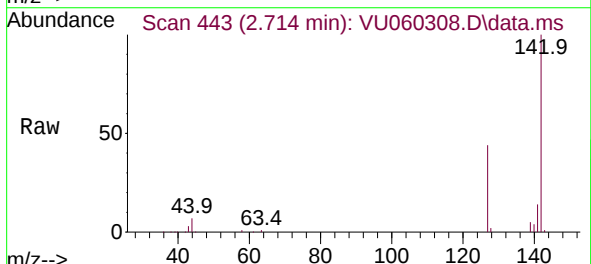
Instrument :
MSVOA_U
ClientSampleId :

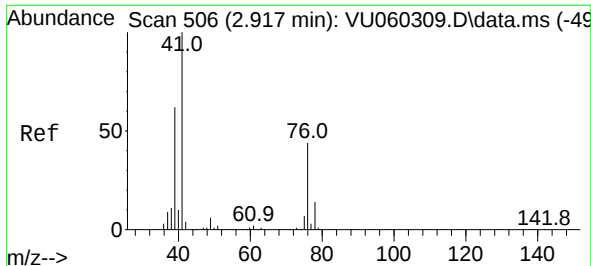
Tgt Ion: 96 Resp: 53430
Ion Ratio Lower Upper
96 100
61 158.0 0.0 495.9
98 64.0 0.0 131.6



#10
Iodomethane
Concen: 5.097 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion:142 Resp: 79052
Ion Ratio Lower Upper
142 100
127 43.4 35.5 53.3





#11

Allyl Chloride

Concen: 5.037 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

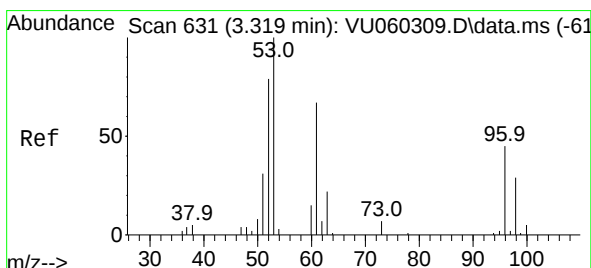
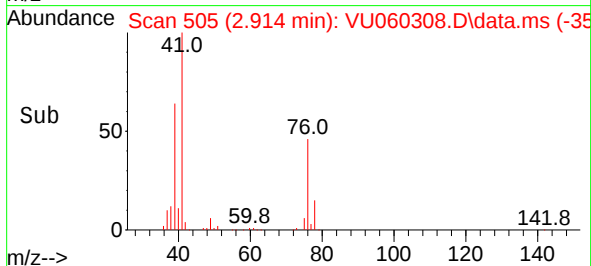
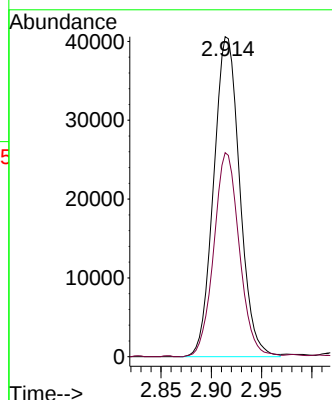
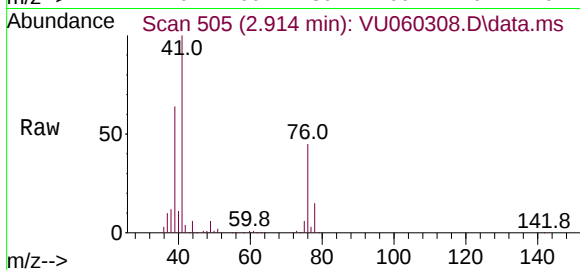
ClientSampleId :

Tgt Ion: 41 Resp: 73160

Ion Ratio Lower Upper

41 100

39 62.6 50.0 75.0



#12

Acrylonitrile

Concen: 10.305 ug/l

RT: 3.322 min Scan# 632

Delta R.T. 0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

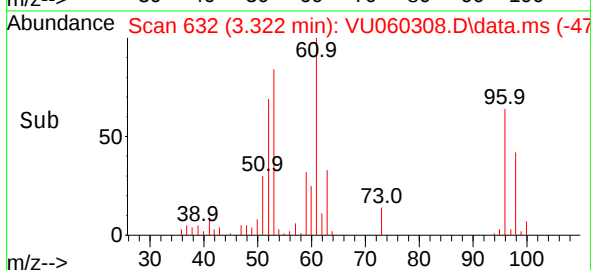
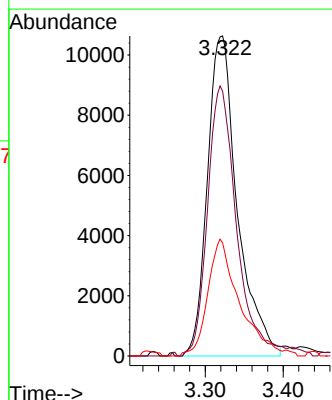
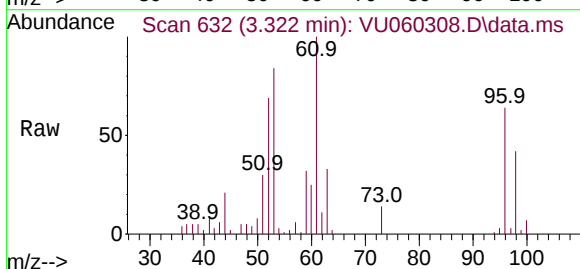
Tgt Ion: 53 Resp: 28523

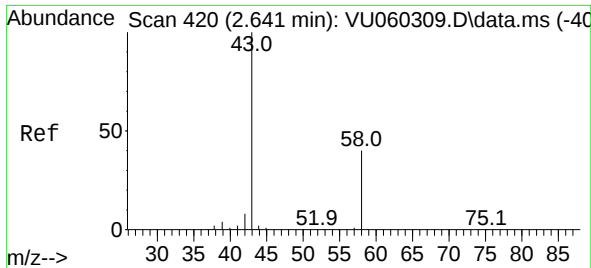
Ion Ratio Lower Upper

53 100

52 81.3 63.7 95.5

51 38.1 28.2 42.4





#13

Acetone

Concen: 27.864 ug/l

RT: 2.644 min Scan# 420

Delta R.T. 0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

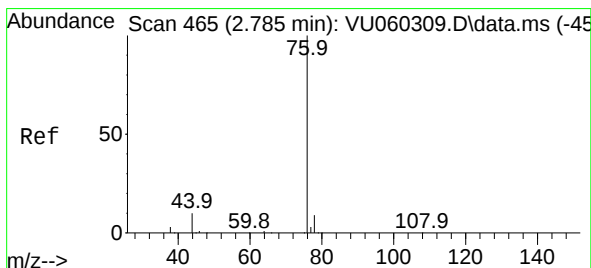
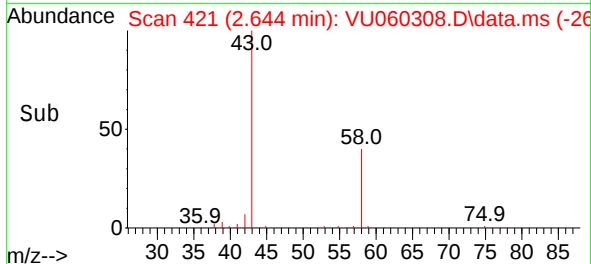
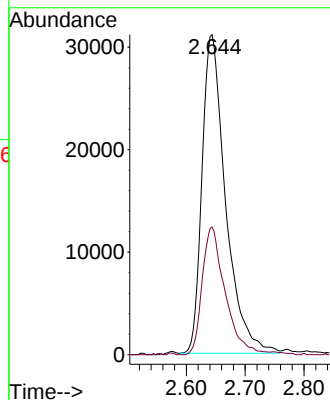
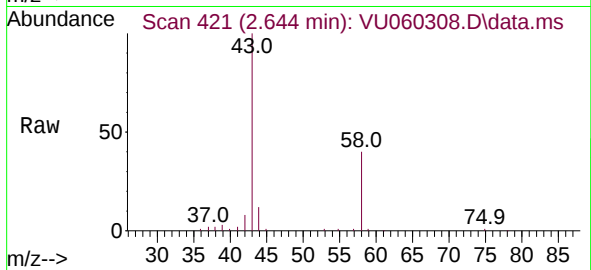
ClientSampleId :

Tgt Ion: 43 Resp: 86702

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



#14

Carbon Disulfide

Concen: 4.967 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060308.D

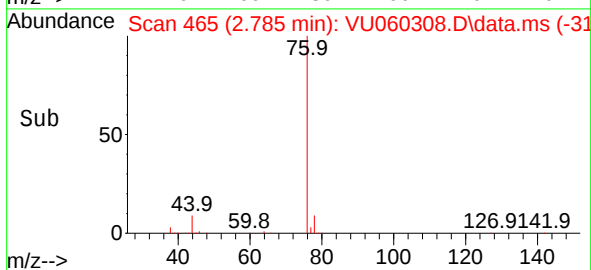
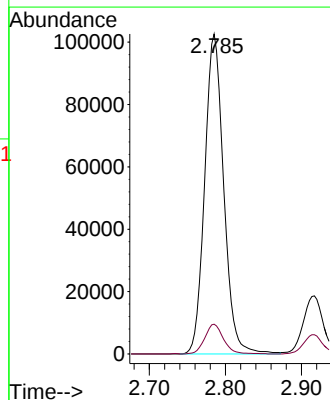
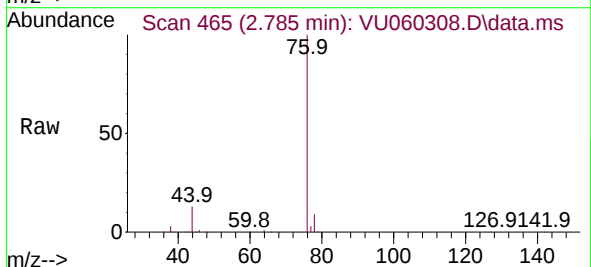
Acq: 05 Aug 2024 12:07

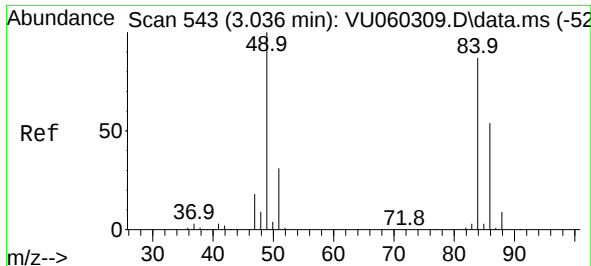
Tgt Ion: 76 Resp: 178417

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

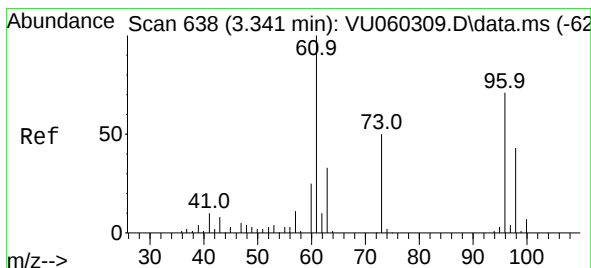
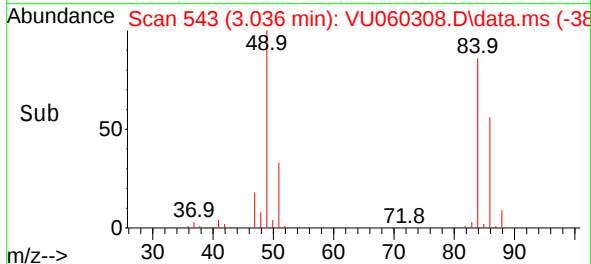
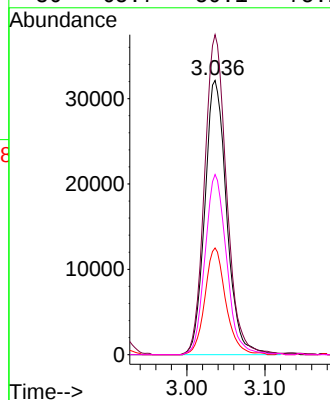
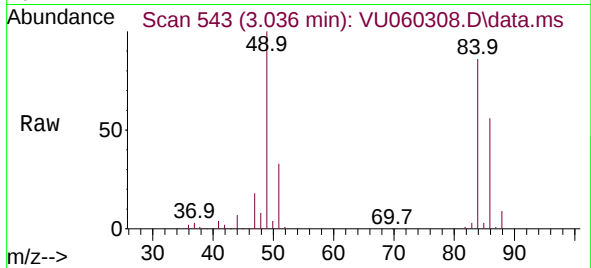




#15
Methylene Chloride
Concen: 4.733 ug/l
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

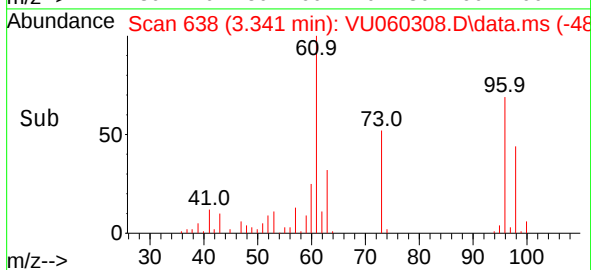
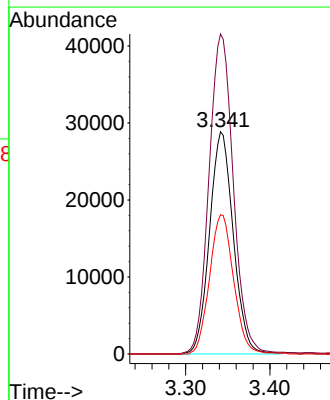
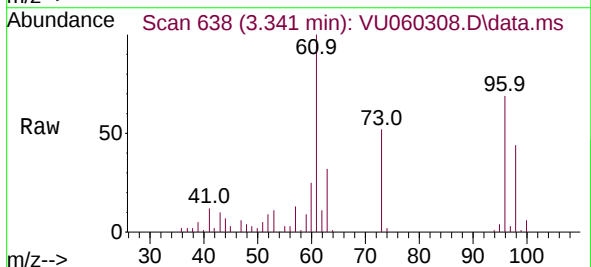
Instrument :
MSVOA_U
ClientSampleId :

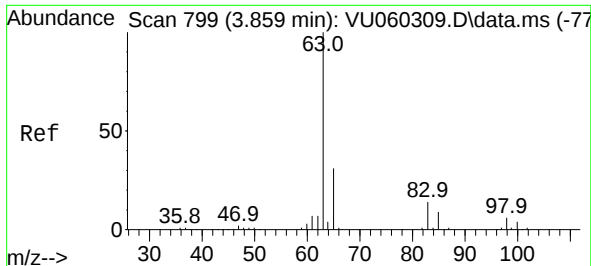
Tgt Ion: 84 Resp: 62767
Ion Ratio Lower Upper
84 100
49 116.7 92.1 138.1
51 38.9 0.0 72.4
86 65.7 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 4.981 ug/l
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

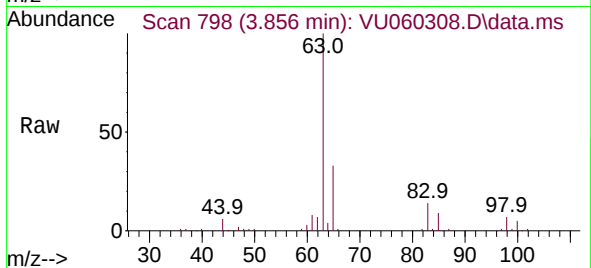
Tgt Ion: 96 Resp: 56546
Ion Ratio Lower Upper
96 100
61 144.0 112.8 169.2
98 62.7 48.7 73.1



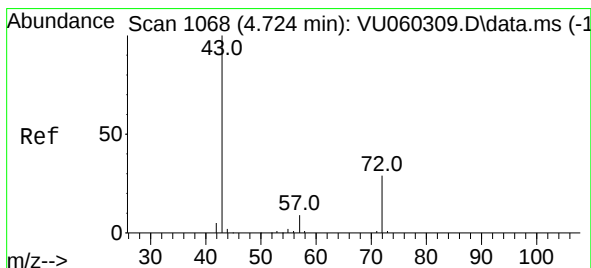
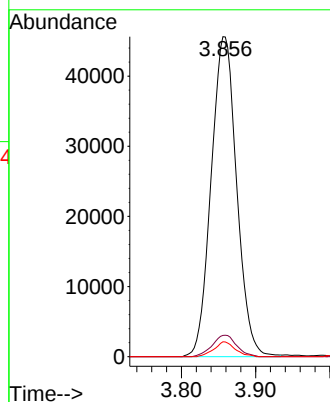
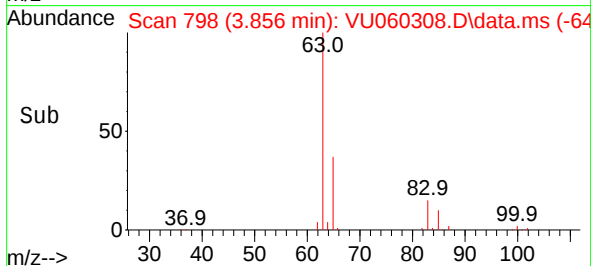


#17
1,1-Dichloroethane
Concen: 4.993 ug/l
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

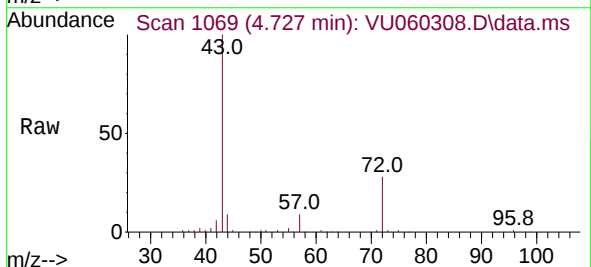
Instrument :
MSVOA_U
ClientSampleId :



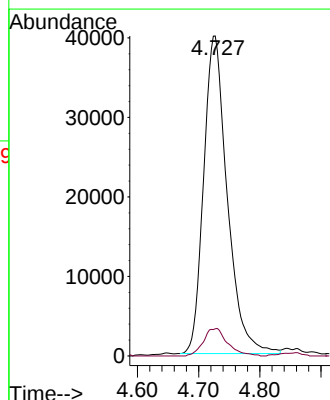
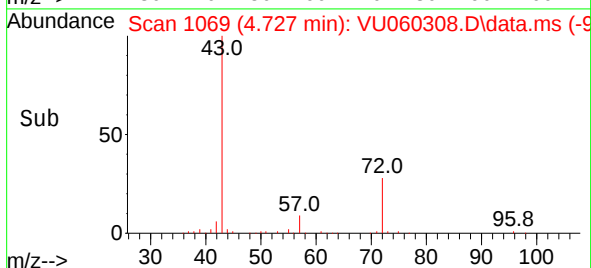
Tgt Ion: 63 Resp: 108976
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.4
100 4.6 2.0 5.8

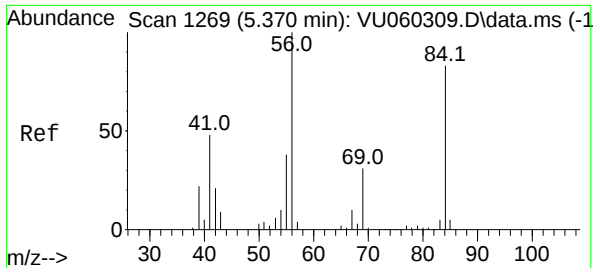


#18
2-Butanone
Concen: 27.664 ug/l
RT: 4.727 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07



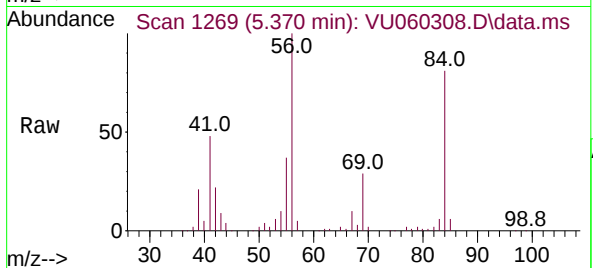
Tgt Ion: 43 Resp: 107444
Ion Ratio Lower Upper
43 100
57 8.6 0.0 18.4



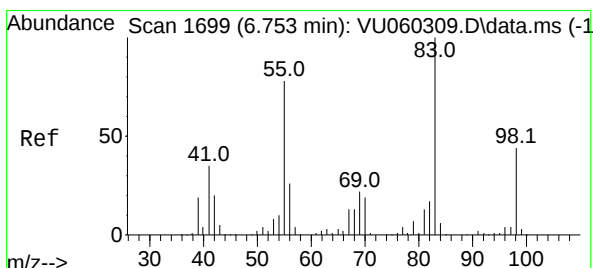
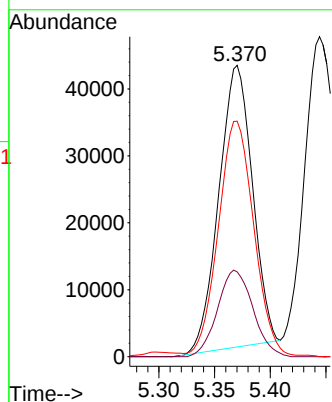
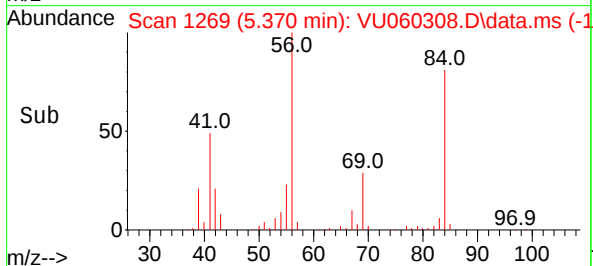


#19
Cyclohexane
Concen: 4.696 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :

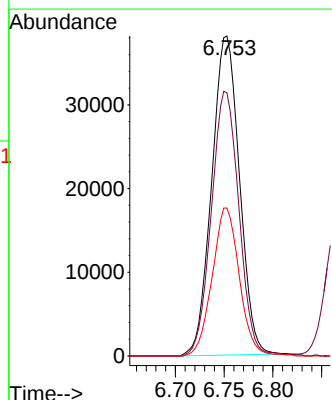
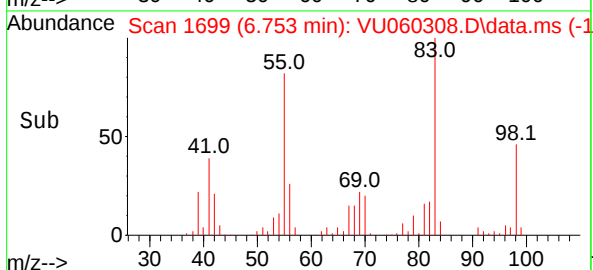
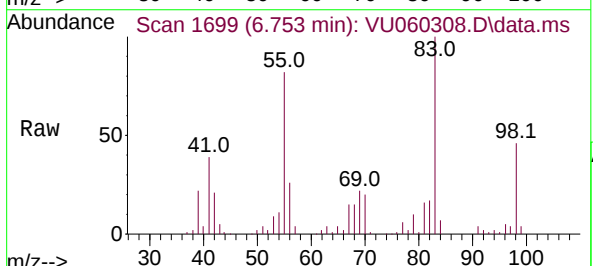


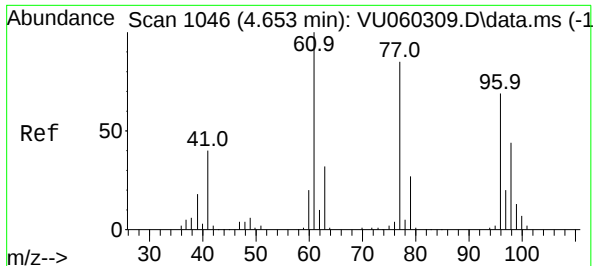
Tgt Ion: 56 Resp: 88347
Ion Ratio Lower Upper
56 100
69 32.3 24.2 36.2
84 86.8 63.9 95.9



#20
Methylcyclohexane
Concen: 5.049 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 83 Resp: 75389
Ion Ratio Lower Upper
83 100
55 81.8 62.2 93.2
98 45.5 36.1 54.1

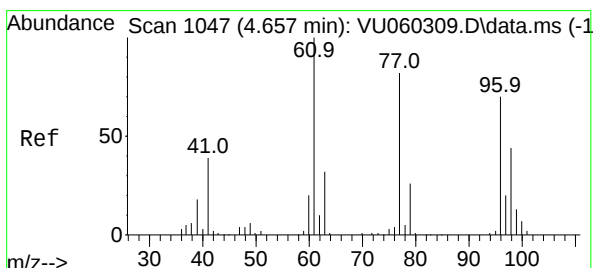
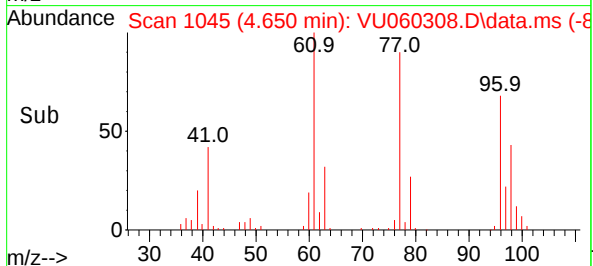
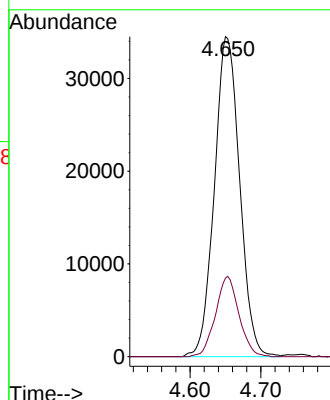
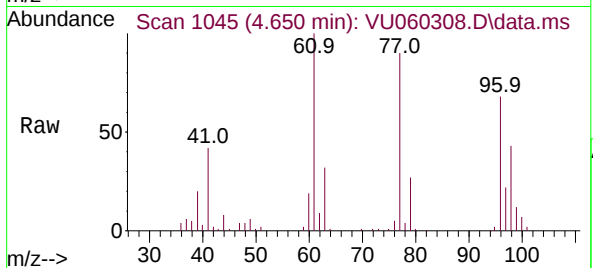




#21
2,2-Dichloropropane
Concen: 5.022 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

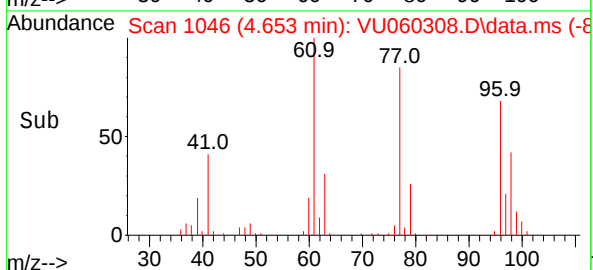
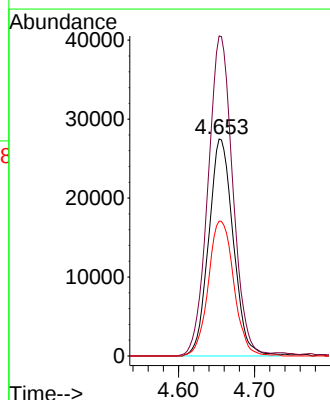
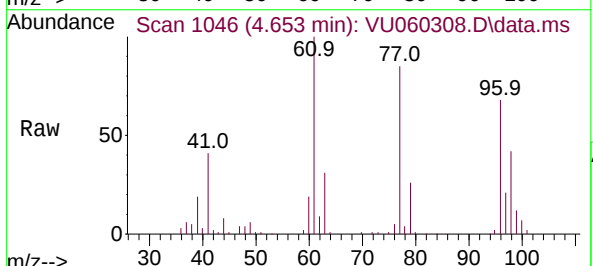
Instrument :
MSVOA_U
ClientSampleId :

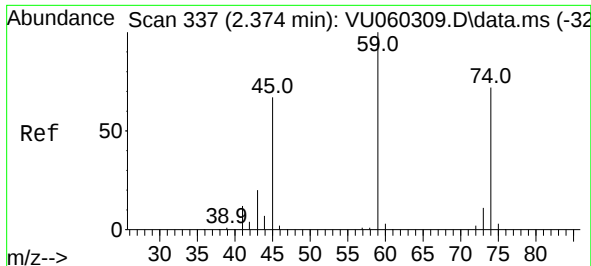
Tgt Ion: 77 Resp: 85352
Ion Ratio Lower Upper
77 100
97 23.3 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 5.075 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 96 Resp: 61715
Ion Ratio Lower Upper
96 100
61 148.9 0.0 372.8
98 64.4 31.8 95.4





#23

Diethyl Ether

Concen: 5.078 ug/l

RT: 2.374 min Scan# 337

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

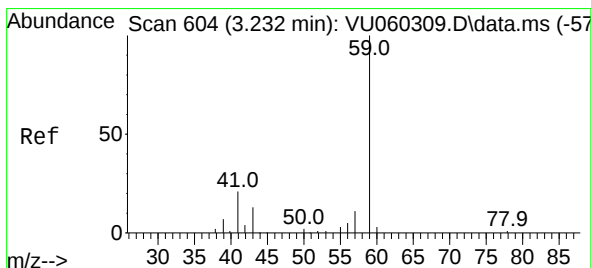
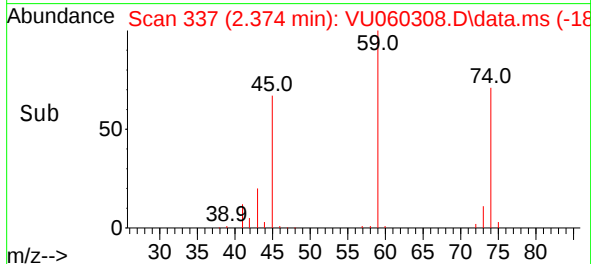
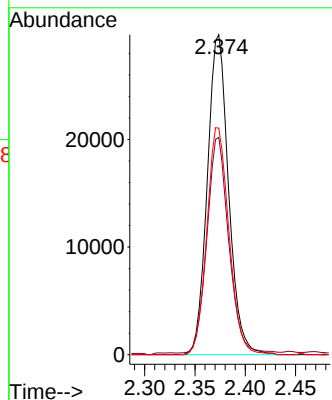
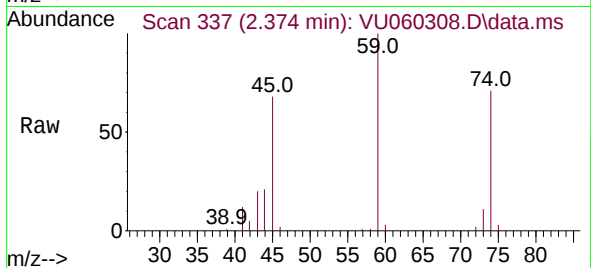
Tgt Ion: 59 Resp: 43723

Ion Ratio Lower Upper

59 100

45 68.8 55.8 83.6

74 73.9 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 23.589 ug/l

RT: 3.248 min Scan# 609

Delta R.T. 0.016 min

Lab File: VU060308.D

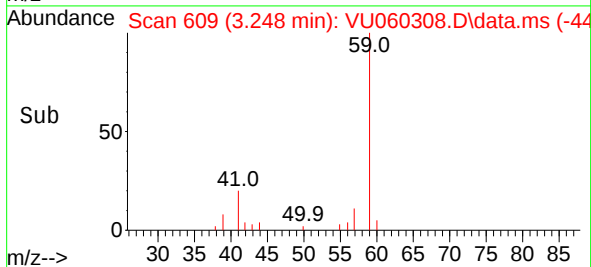
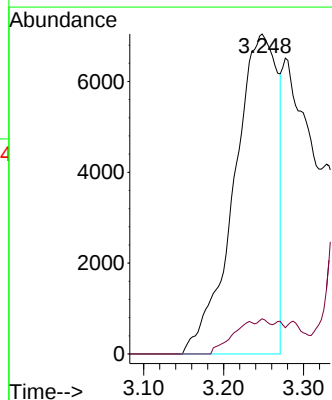
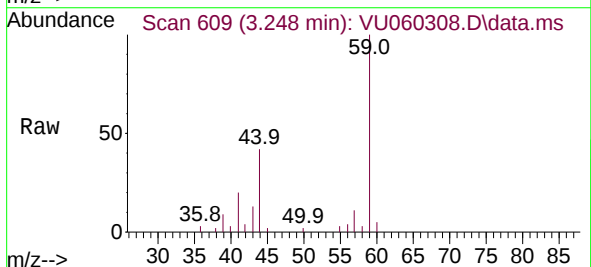
Acq: 05 Aug 2024 12:07

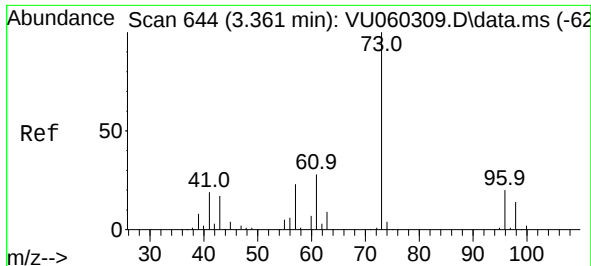
Tgt Ion: 59 Resp: 26608

Ion Ratio Lower Upper

59 100

57 5.4 4.5 6.7





#25

Methyl tert-Butyl Ether

Concen: 5.100 ug/l

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

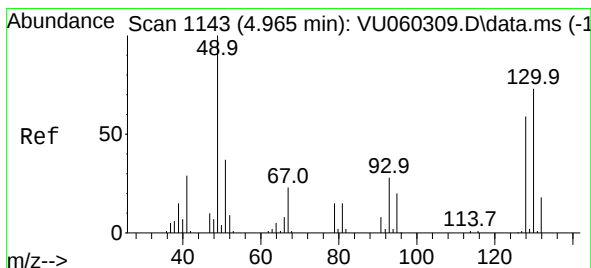
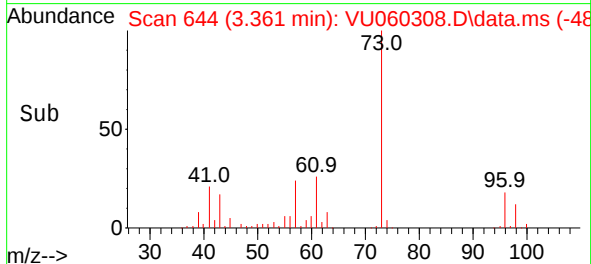
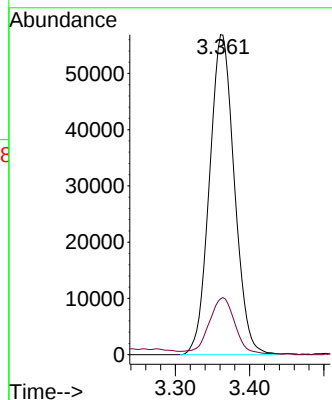
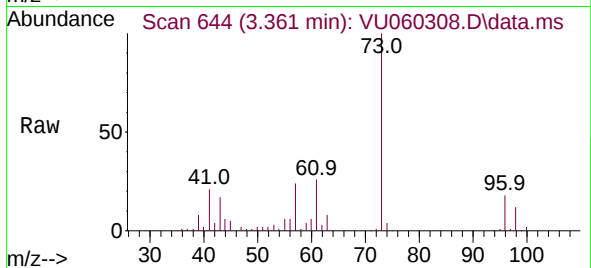
ClientSampleId :

Tgt Ion: 73 Resp: 132641

Ion Ratio Lower Upper

73 100

43 18.3 14.1 21.1



#26

Bromochloromethane

Concen: 4.992 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

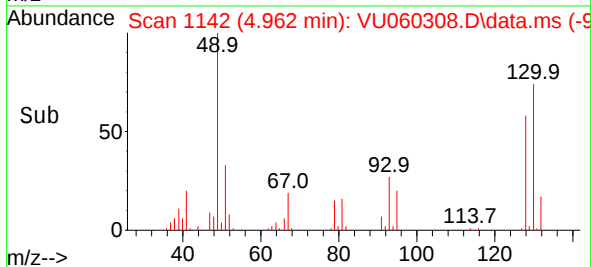
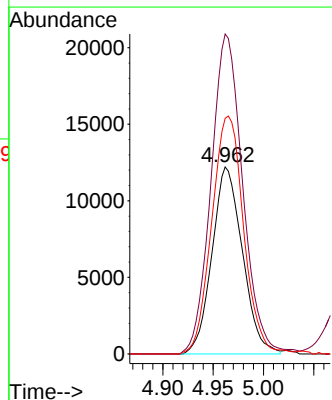
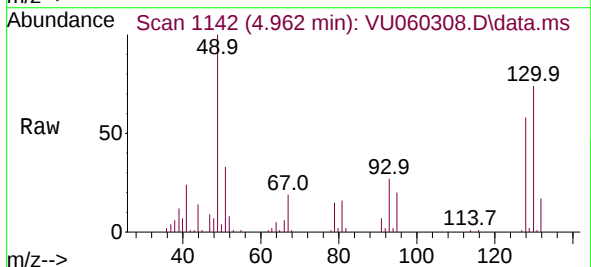
Tgt Ion: 128 Resp: 25707

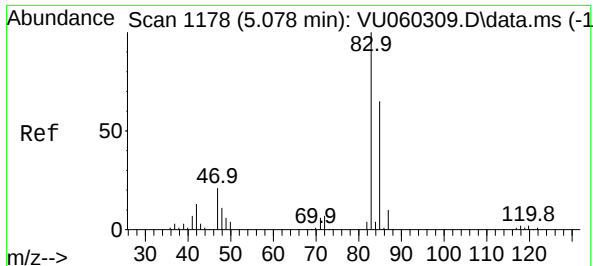
Ion Ratio Lower Upper

128 100

49 178.2 0.0 340.8

130 133.5 102.1 153.1





#27

Chloroform

Concen: 4.997 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

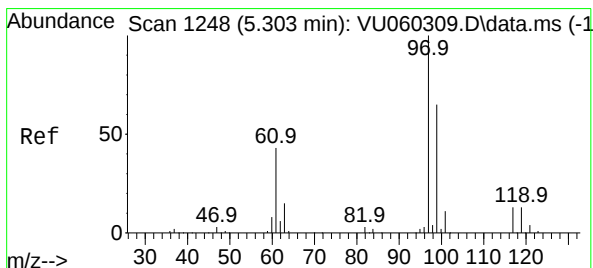
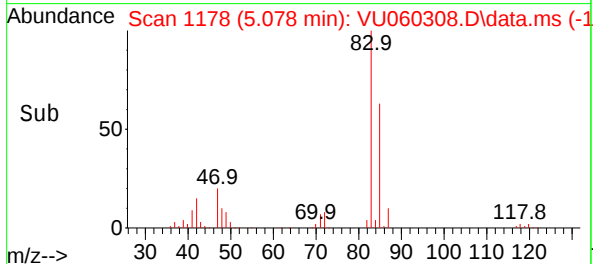
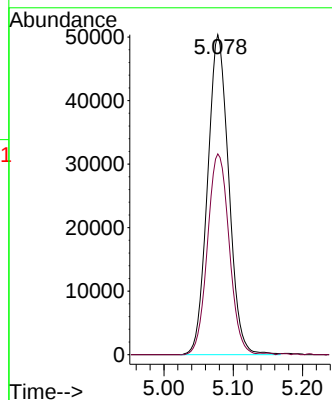
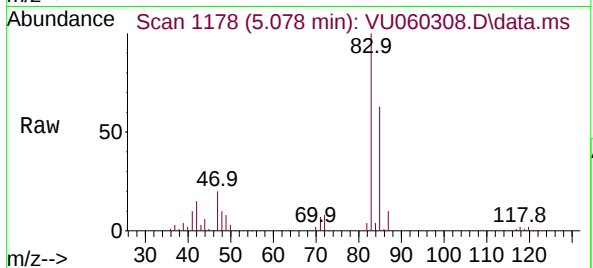
ClientSampleId :

Tgt Ion: 83 Resp: 106709

Ion Ratio Lower Upper

83 100

85 62.7 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 5.095 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

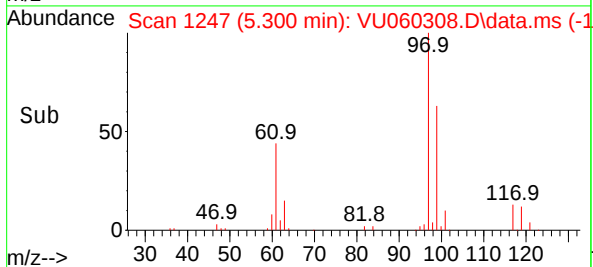
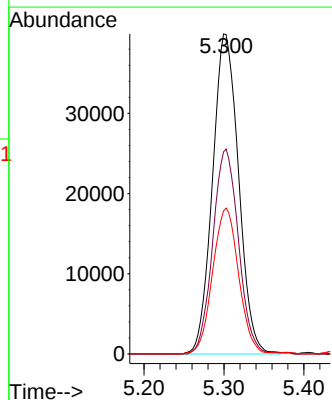
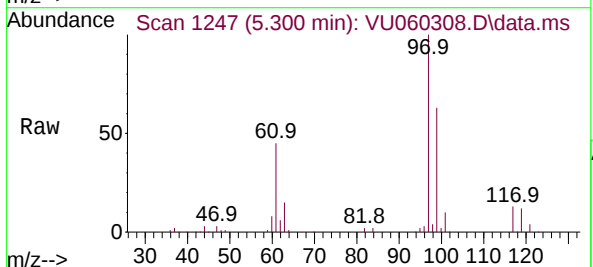
Tgt Ion: 97 Resp: 90374

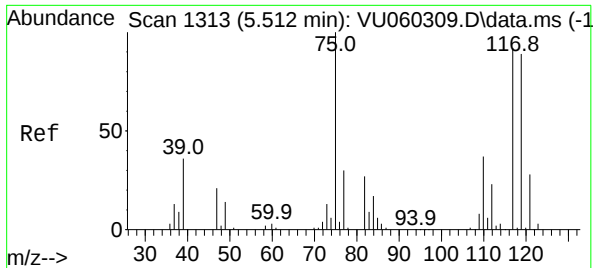
Ion Ratio Lower Upper

97 100

99 63.1 32.8 98.4

61 45.3 22.3 66.9

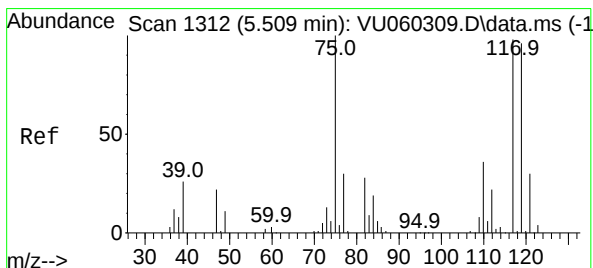
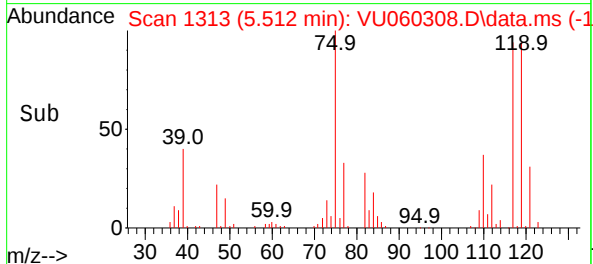
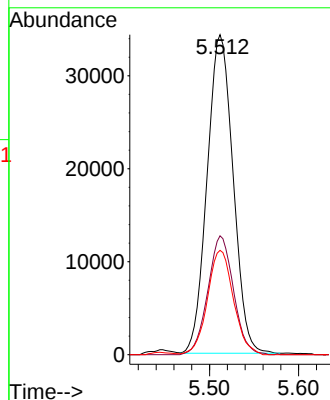
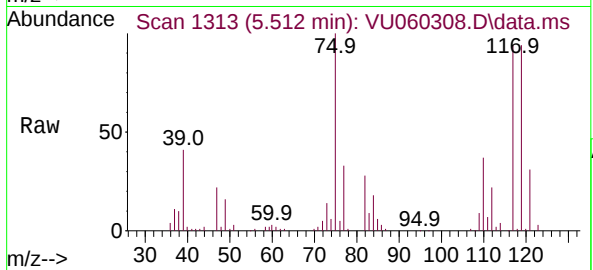




#29
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

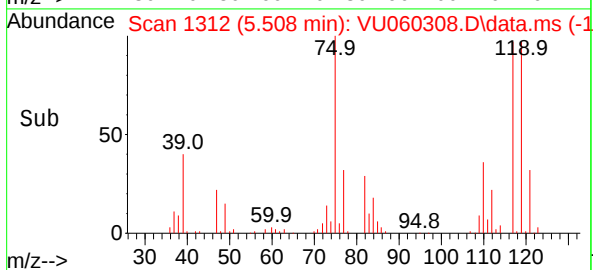
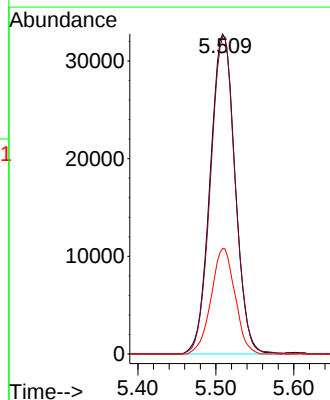
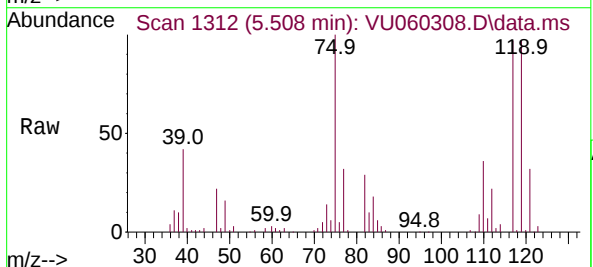
Instrument :
MSVOA_U
ClientSampleId :

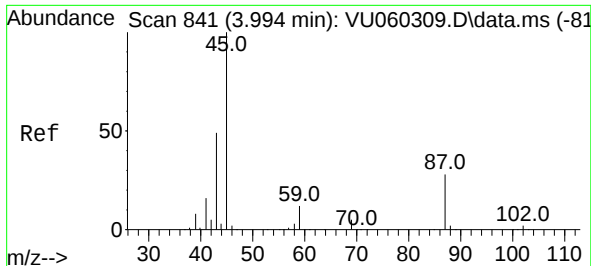
Tgt Ion: 75 Resp: 69403
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 32.7 24.8 37.2



#30
Carbon Tetrachloride
Concen: 5.029 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 117 Resp: 72706
Ion Ratio Lower Upper
117 100
119 99.2 77.8 116.6
121 32.9 24.2 36.2

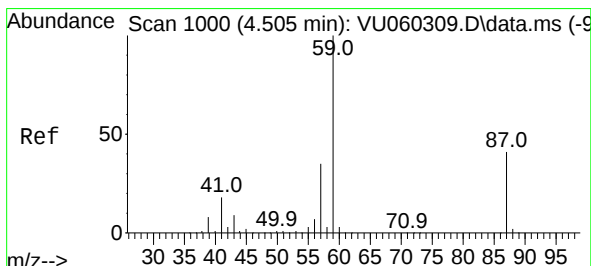
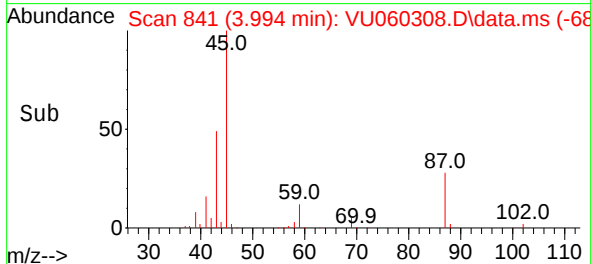
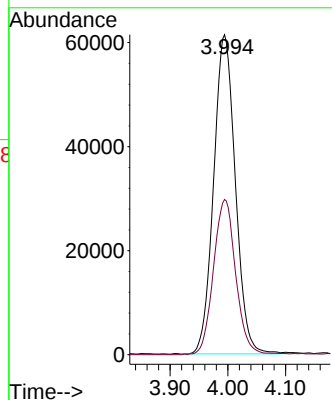
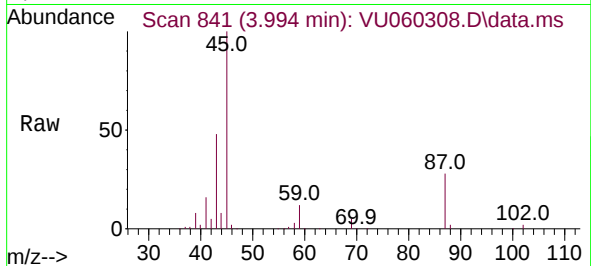




#31
Isopropyl Ether
Concen: 5.030 ug/l
RT: 3.994 min Scan# 841
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

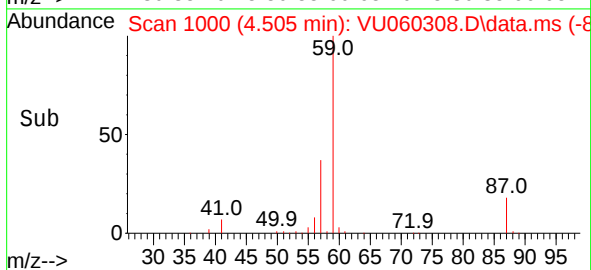
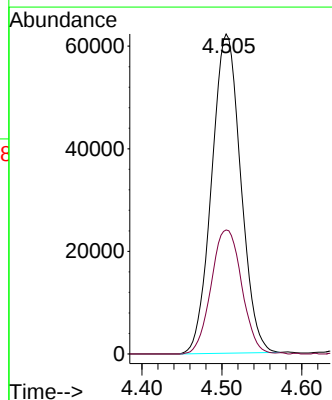
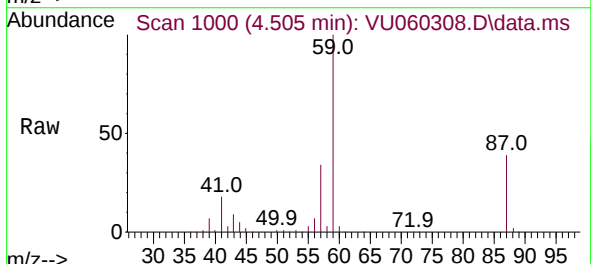
Instrument :
MSVOA_U
ClientSampleId :

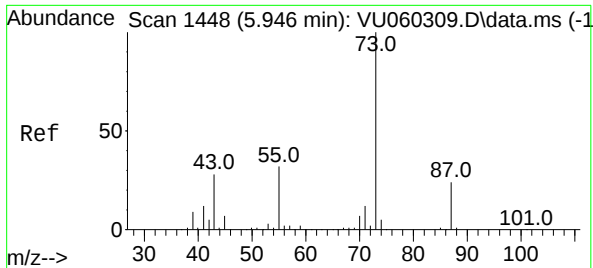
Tgt Ion: 45 Resp: 160465
Ion Ratio Lower Upper
45 100
43 49.9 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 5.090 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

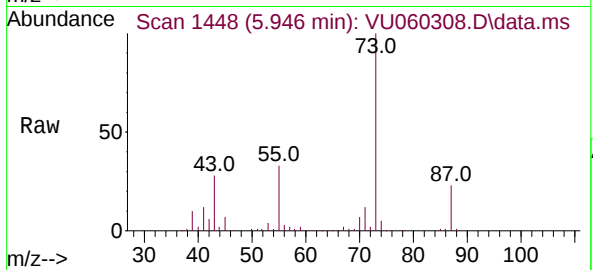
Tgt Ion: 59 Resp: 156952
Ion Ratio Lower Upper
59 100
87 40.4 32.6 49.0



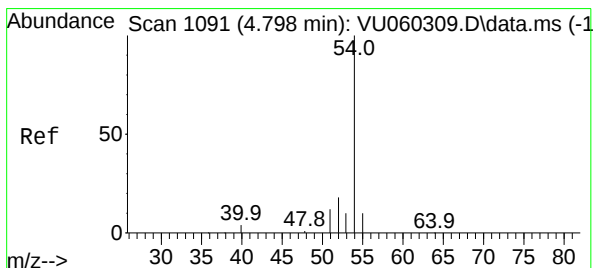
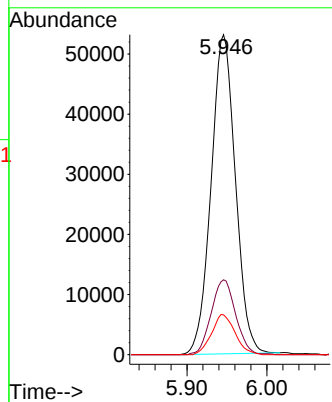
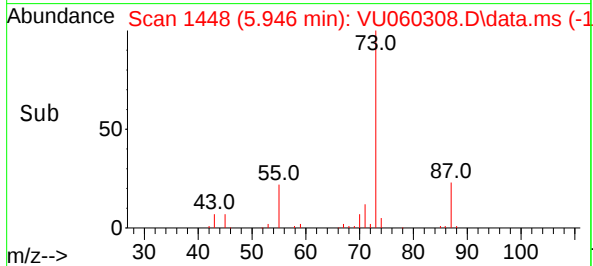


#33
Tert-Amyl methyl ether
Concen: 5.118 ug/l
RT: 5.946 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :

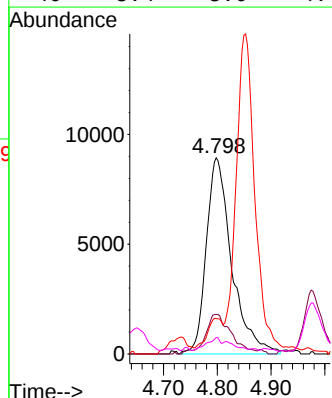
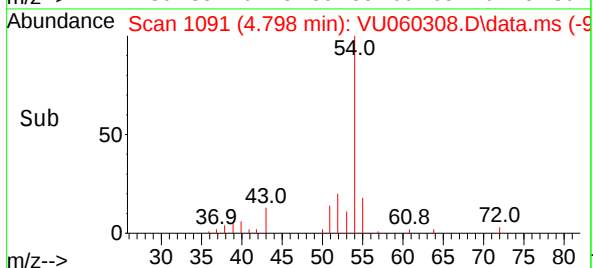
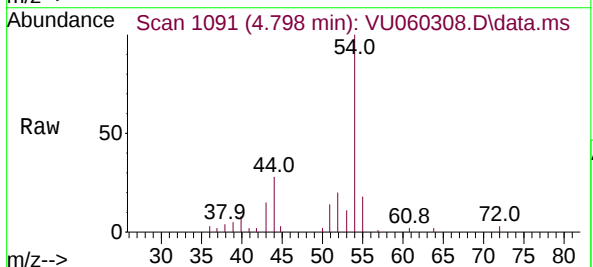


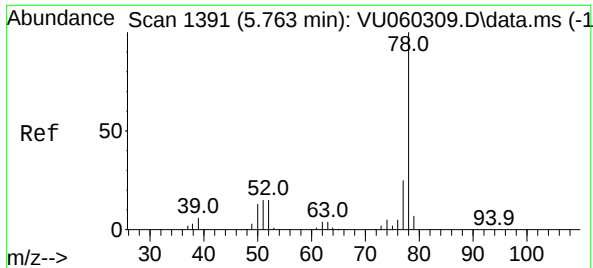
Tgt Ion: 73 Resp: 112021
Ion Ratio Lower Upper
73 100
87 23.2 19.6 29.4
71 12.2 9.5 14.3



#34
Propionitrile
Concen: 26.860 ug/l
RT: 4.798 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 54 Resp: 29358
Ion Ratio Lower Upper
54 100
52 18.8 16.4 24.6
55 10.3 5.2 7.8#
40 3.4 3.0 4.4





#35

Benzene

Concen: 5.090 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

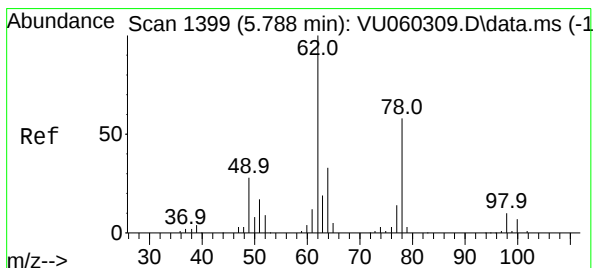
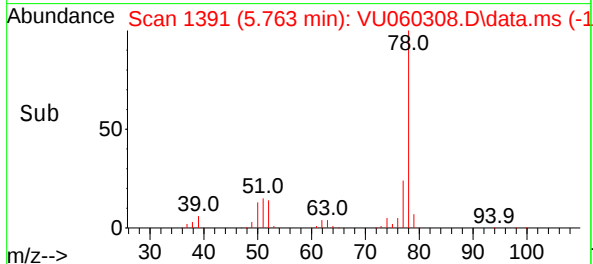
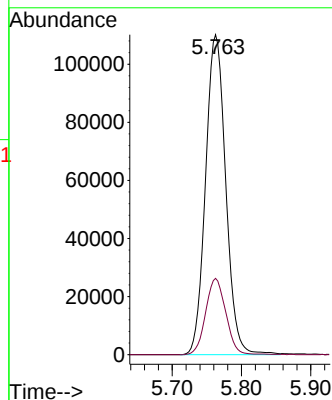
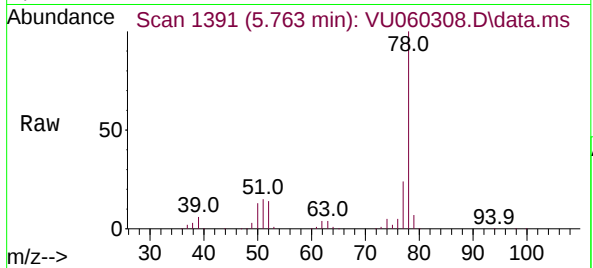
ClientSampleId :

Tgt Ion: 78 Resp: 222946

Ion Ratio Lower Upper

78 100

77 23.9 20.2 30.2



#36

1,2-Dichloroethane

Concen: 5.033 ug/l

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060308.D

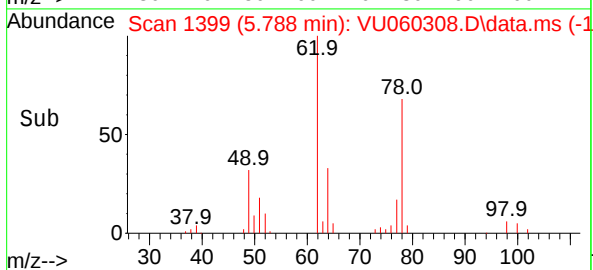
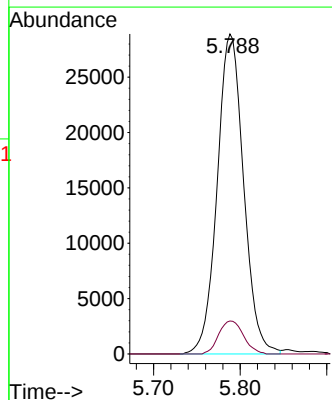
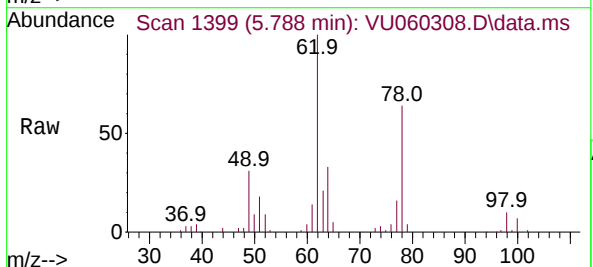
Acq: 05 Aug 2024 12:07

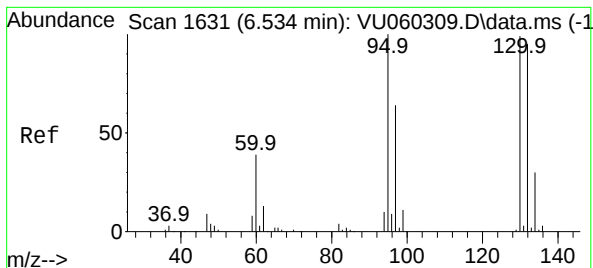
Tgt Ion: 62 Resp: 61265

Ion Ratio Lower Upper

62 100

98 9.7 8.1 12.1





#37

Trichloroethene

Concen: 4.992 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

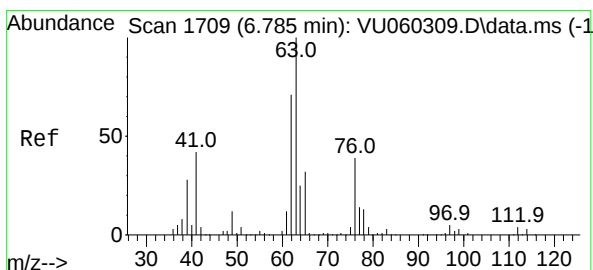
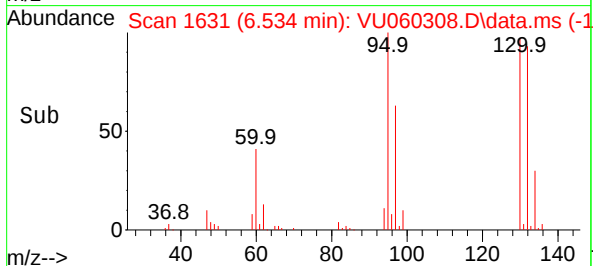
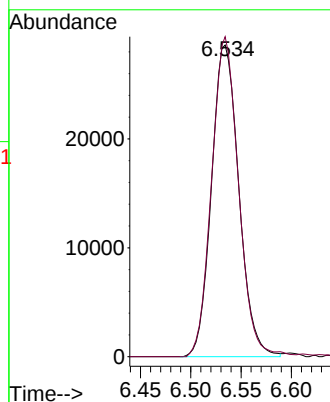
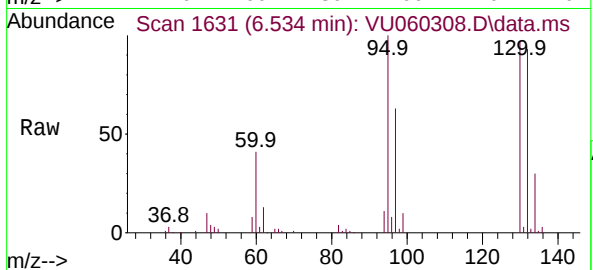
ClientSampleId :

Tgt Ion:130 Resp: 54130

Ion Ratio Lower Upper

130 100

95 102.7 80.6 121.0



#38

1,2-Dichloropropane

Concen: 5.110 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.000 min

Lab File: VU060308.D

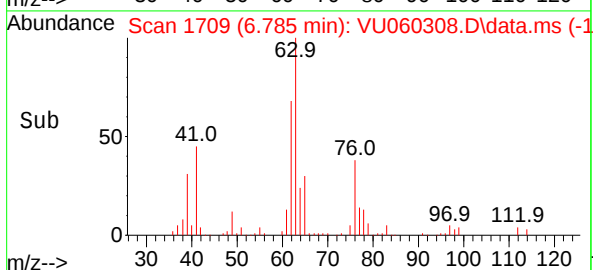
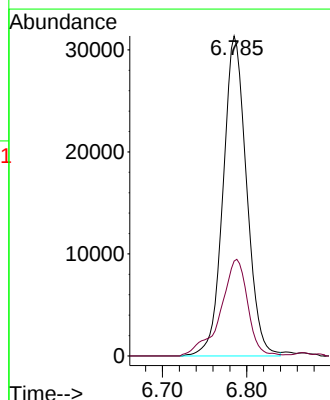
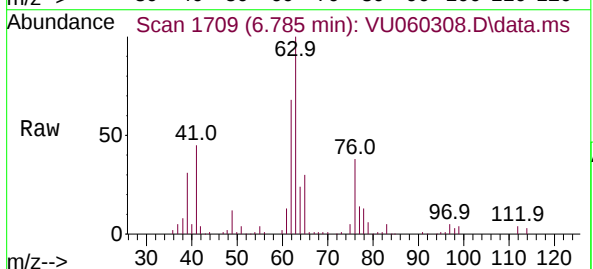
Acq: 05 Aug 2024 12:07

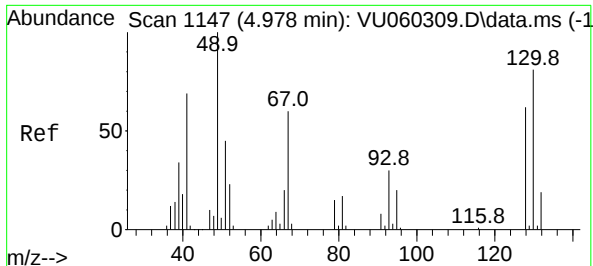
Tgt Ion: 63 Resp: 60543

Ion Ratio Lower Upper

63 100

65 29.6 25.6 38.4





#39

Methacrylonitrile

Concen: 5.035 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 20231

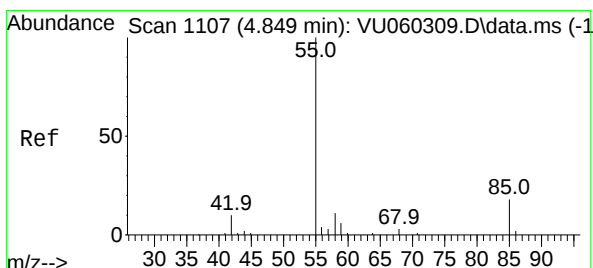
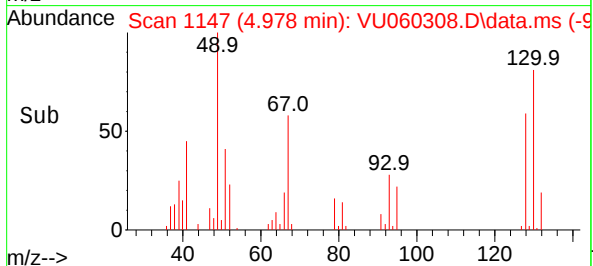
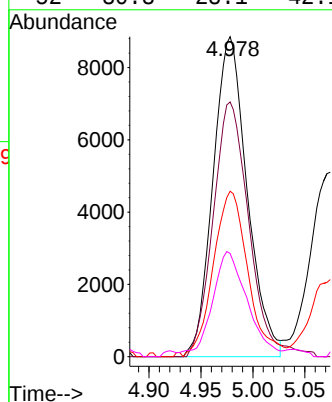
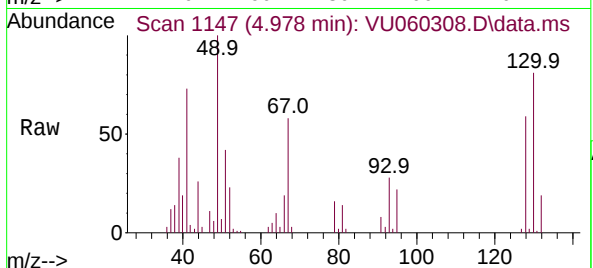
Ion Ratio Lower Upper

41 100

67 83.5 67.4 101.0

39 52.6 41.7 62.5

52 30.3 28.1 42.1



#40

Methyl acrylate

Concen: 4.881 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Tgt Ion: 55 Resp: 34337

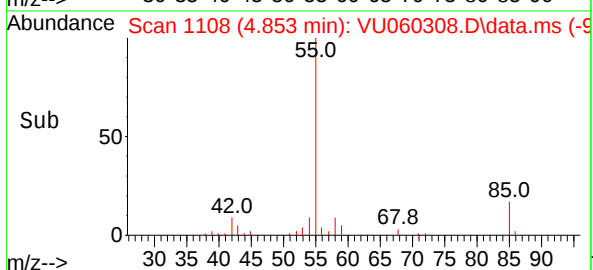
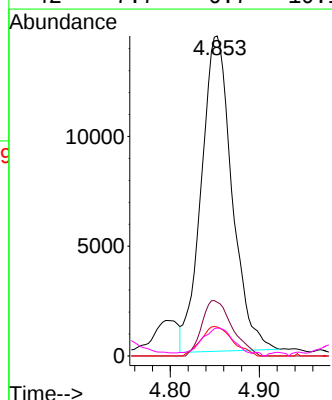
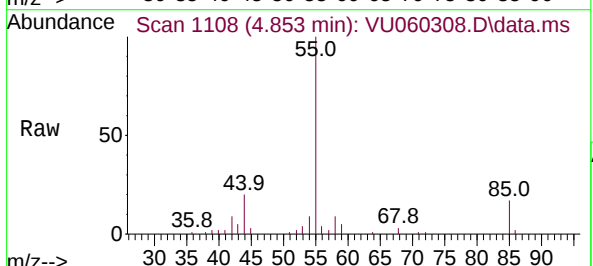
Ion Ratio Lower Upper

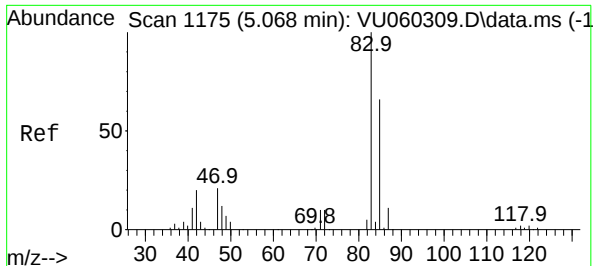
55 100

85 17.3 13.6 20.4

58 9.6 7.6 11.4

42 7.7 6.7 10.1

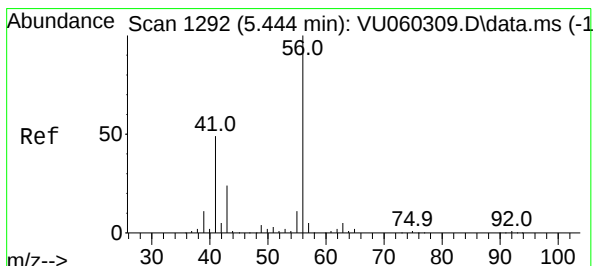
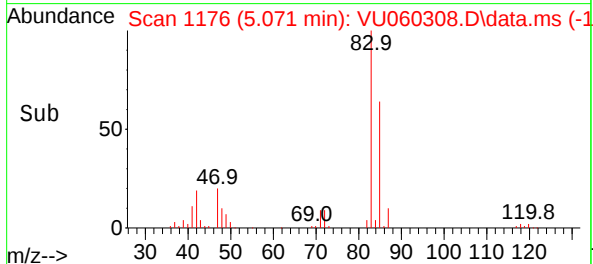
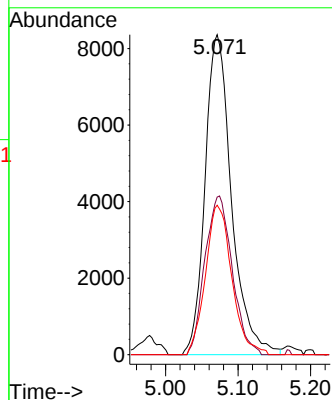
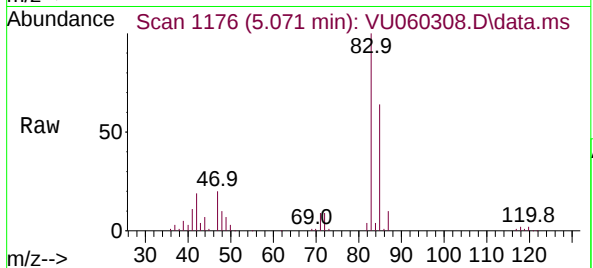




#41
Tetrahydrofuran
Concen: 9.706 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

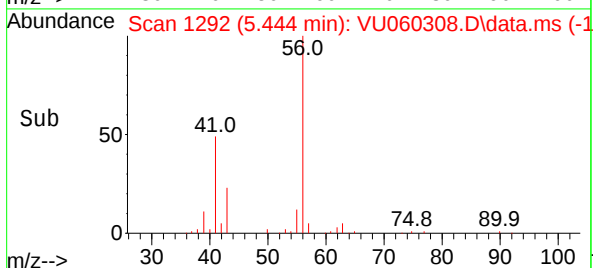
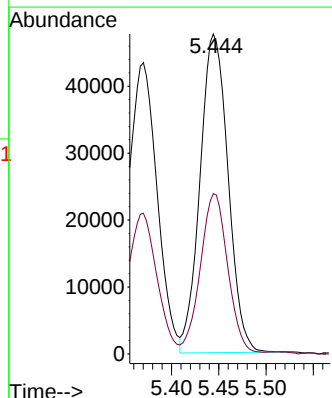
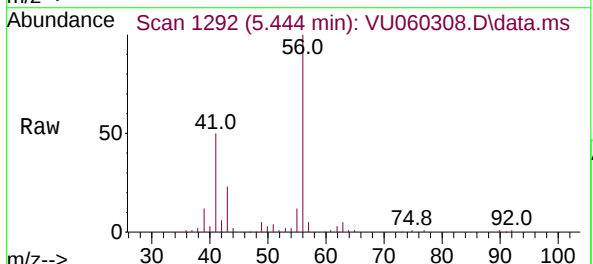
Instrument :
MSVOA_U
ClientSampleId :

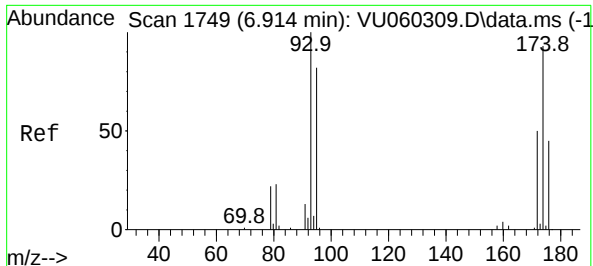
Tgt Ion: 42 Resp: 21233
Ion Ratio Lower Upper
42 100
72 51.1 40.6 60.8
71 46.5 38.0 57.0



#42
1-Chlorobutane
Concen: 5.006 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 56 Resp: 98102
Ion Ratio Lower Upper
56 100
41 48.3 23.8 71.5





#43

Dibromomethane

Concen: 5.180 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

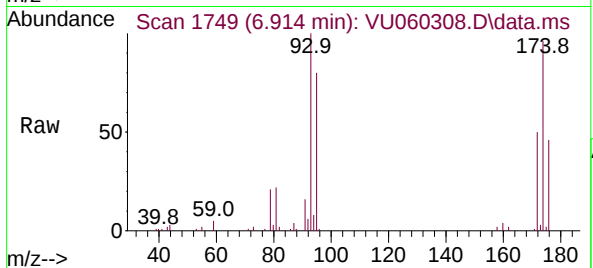
Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :



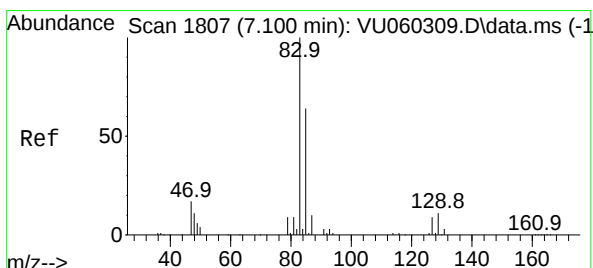
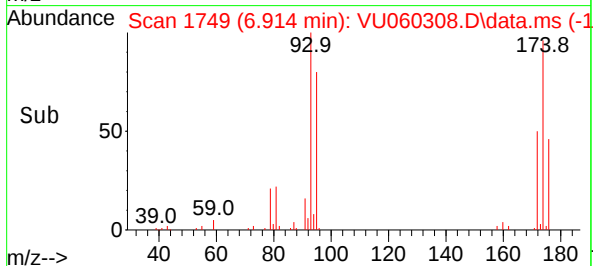
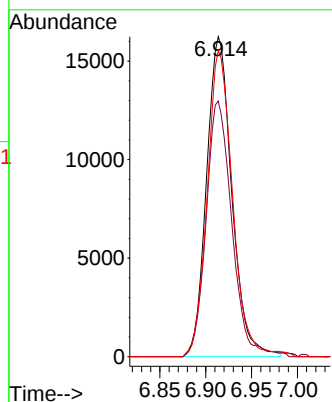
Tgt Ion: 93 Resp: 31050

Ion Ratio Lower Upper

93 100

95 81.4 66.4 99.6

174 96.3 75.2 112.8



#44

Bromodichloromethane

Concen: 5.098 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

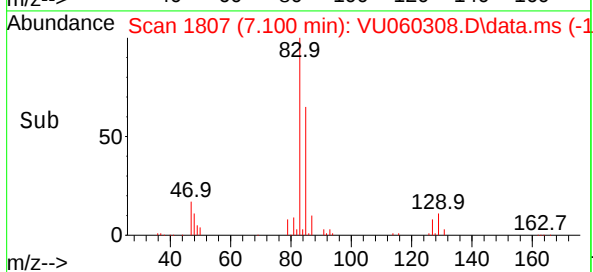
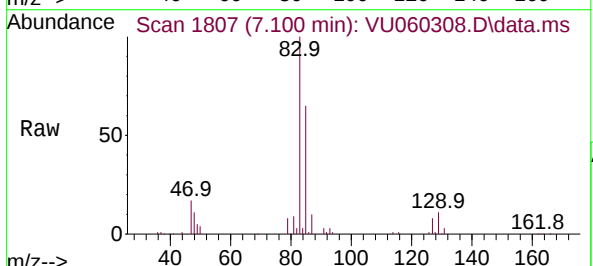
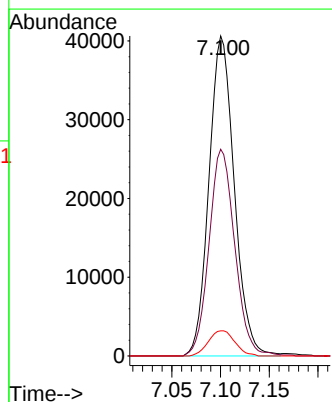
Tgt Ion: 83 Resp: 73358

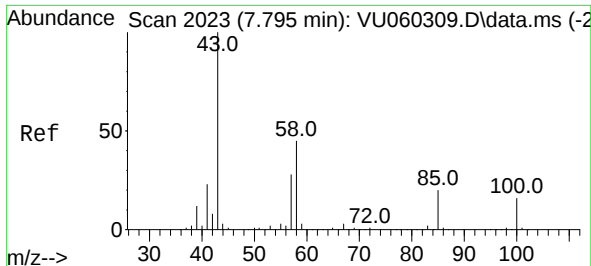
Ion Ratio Lower Upper

83 100

85 64.6 51.3 76.9

127 7.9 6.8 10.2

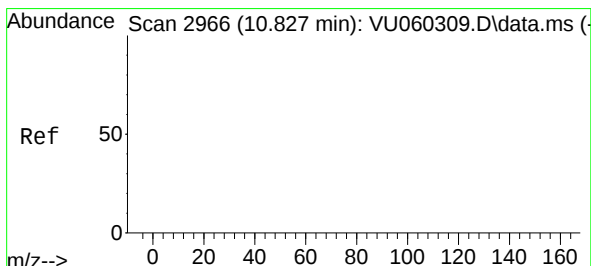
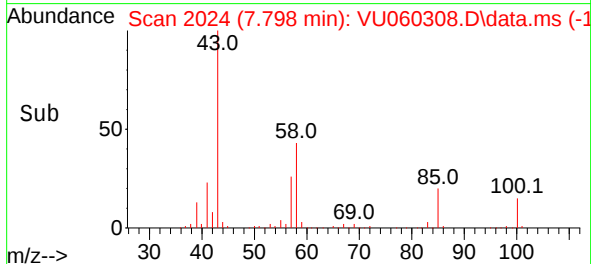
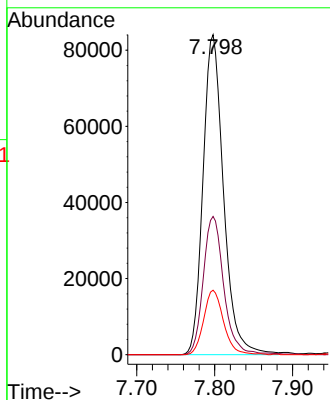
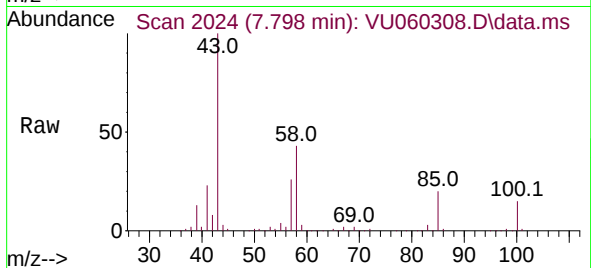




#45
4-Methyl-2-Pentanone
Concen: 27.383 ug/l
RT: 7.798 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

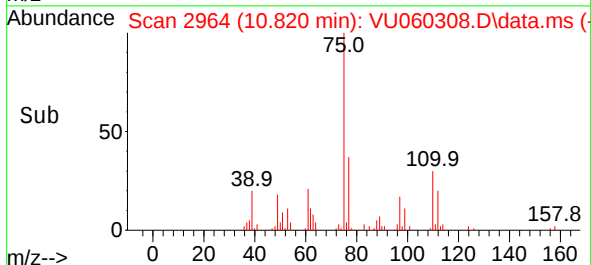
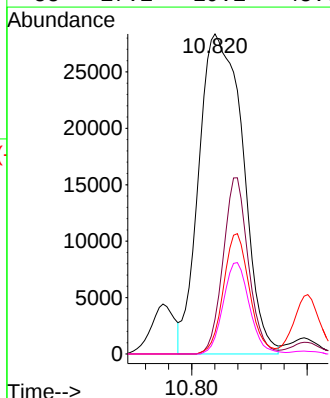
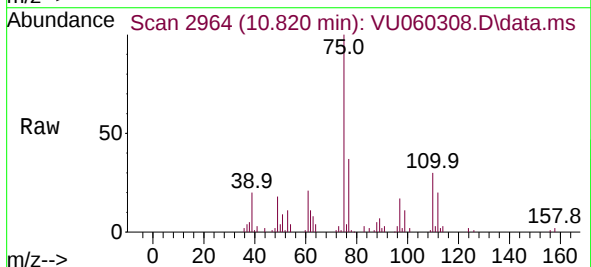
Instrument :
MSVOA_U
ClientSampleId :

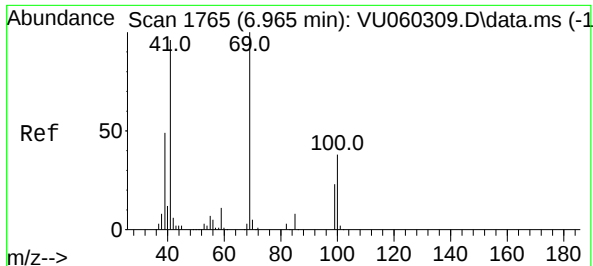
Tgt Ion: 43 Resp: 154112
Ion Ratio Lower Upper
43 100
58 43.3 22.3 66.9
85 19.5 16.0 24.0



#46
t-1,4-Dichloro-2-butene
Concen: 24.224 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

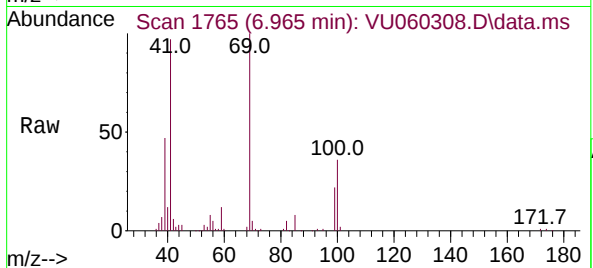
Tgt Ion: 75 Resp: 74626
Ion Ratio Lower Upper
75 100
53 31.8 57.2 85.8#
89 22.5 40.4 60.6#
88 17.1 29.1 43.7#



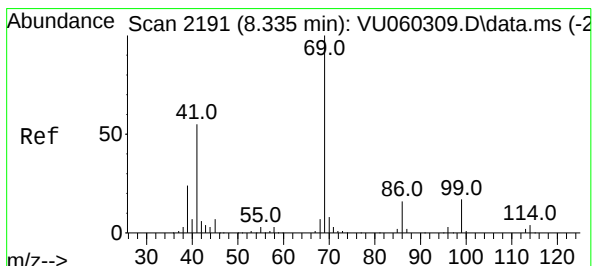
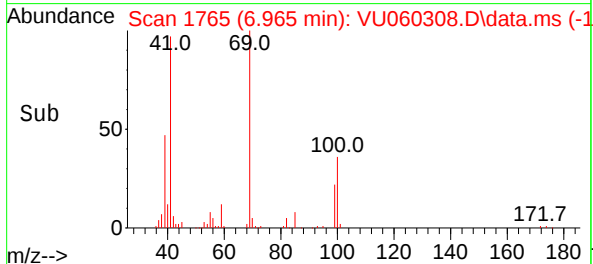
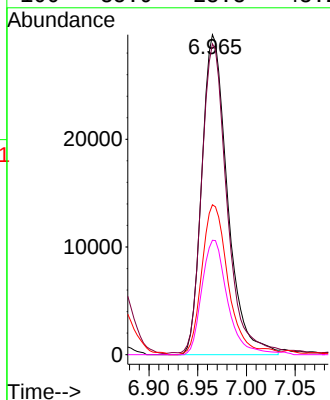


#47
Methyl methacrylate
Concen: 11.180 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :

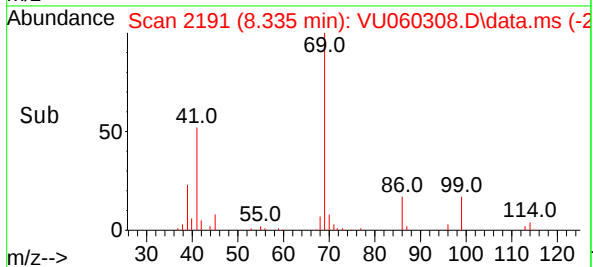
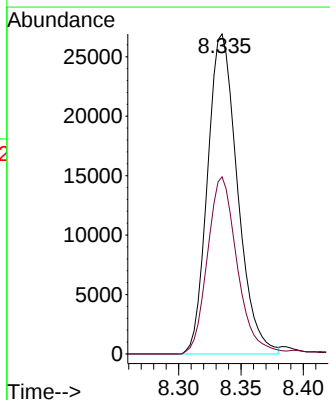
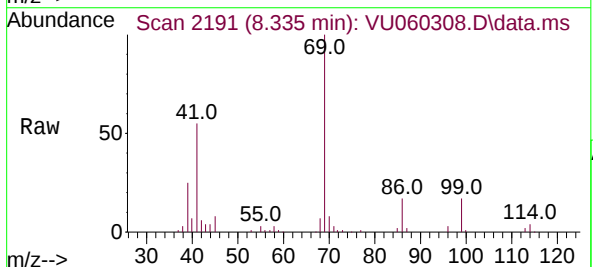


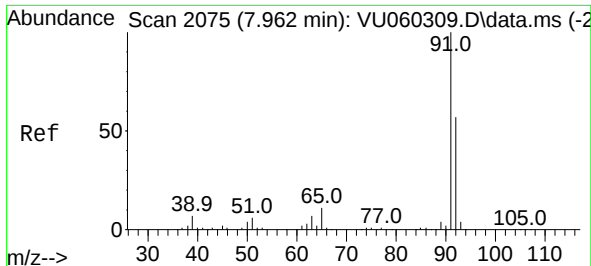
Tgt Ion:	69	Resp:	54373
Ion	Ratio	Lower	Upper
69	100		
41	95.7	0.0	194.0
39	47.4	38.0	57.0
100	35.9	28.8	43.2



#48
Ethyl methacrylate
Concen: 5.445 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion:	69	Resp:	44967
Ion	Ratio	Lower	Upper
69	100		
41	54.9	27.5	82.5





#49

Toluene

Concen: 5.367 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

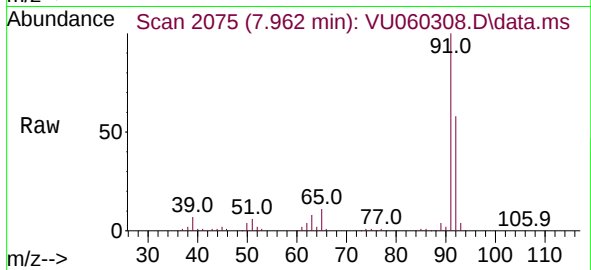
Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

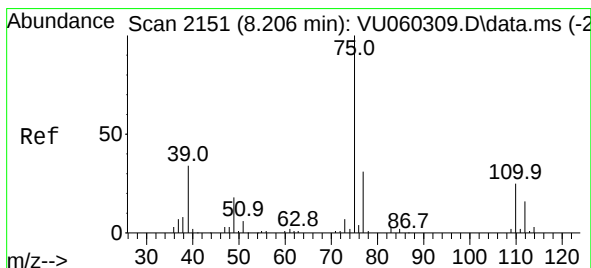
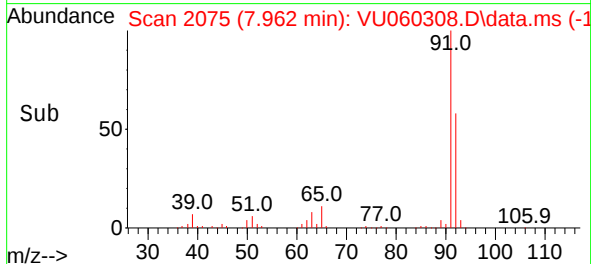
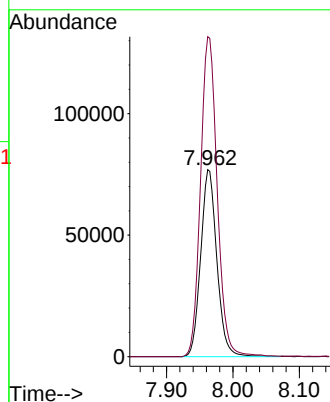


Tgt Ion: 92 Resp: 130356

Ion Ratio Lower Upper

92 100

91 176.8 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 5.327 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060308.D

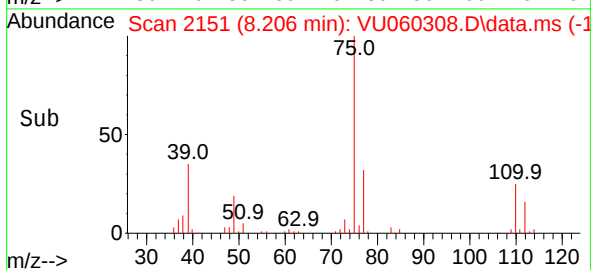
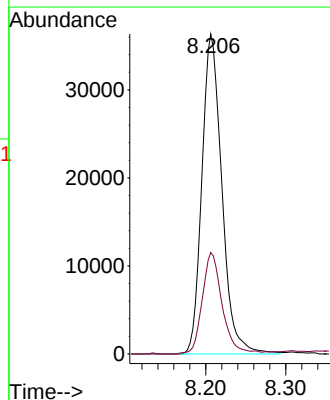
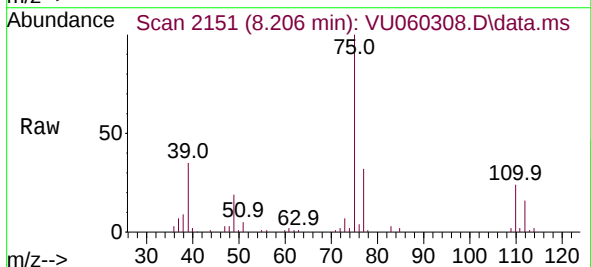
Acq: 05 Aug 2024 12:07

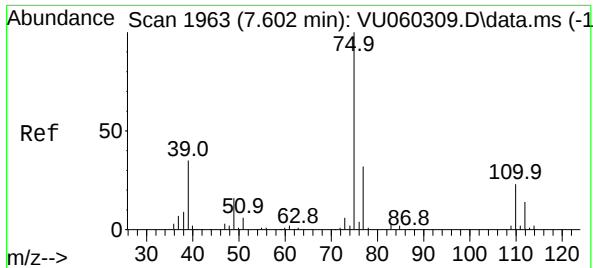
Tgt Ion: 75 Resp: 63288

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

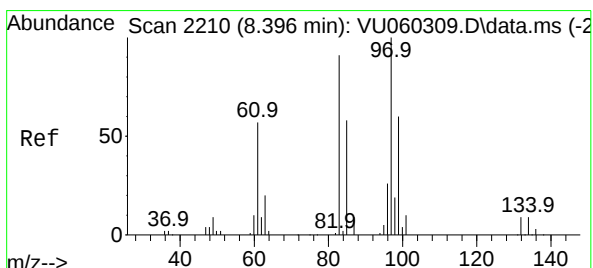
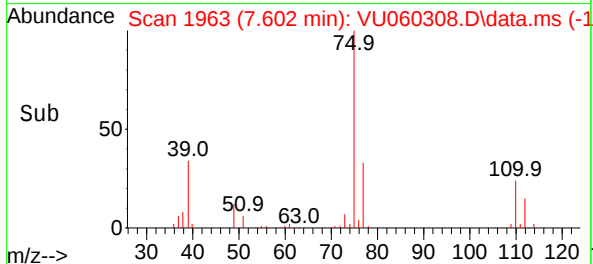
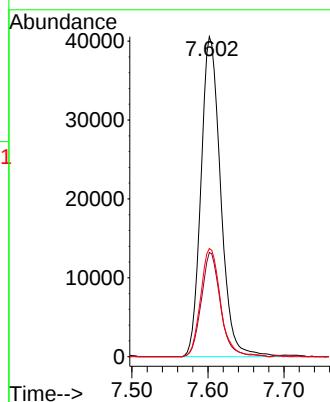
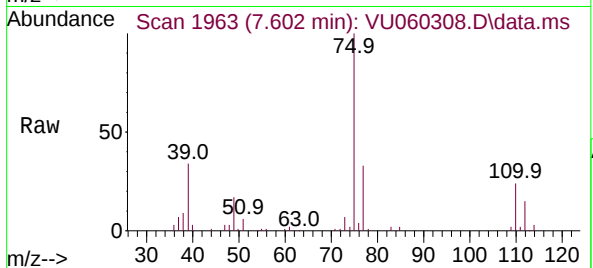




#51
 cis-1,3-Dichloropropene
 Concen: 5.101 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060308.D
 Acq: 05 Aug 2024 12:07

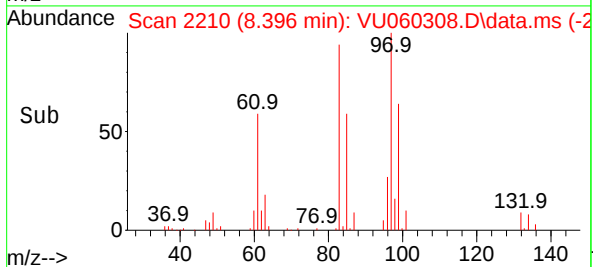
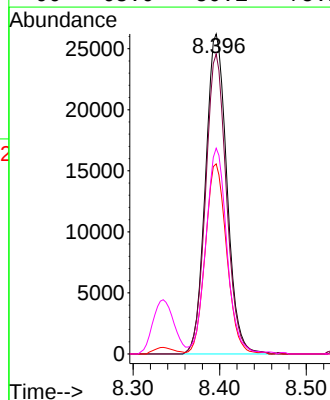
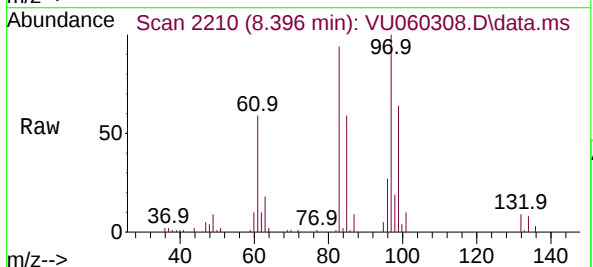
Instrument :
 MSVOA_U
 ClientSampleId :

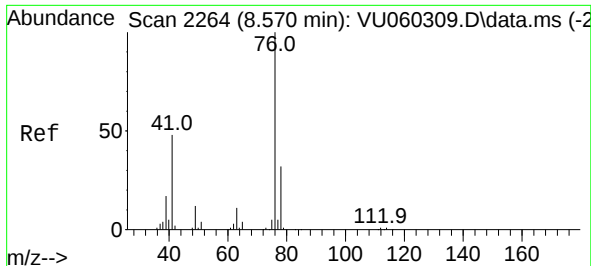
Tgt Ion:	75	Resp:	72897
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	33.8	28.0	42.0



#52
 1,1,2-Trichloroethane
 Concen: 5.097 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU060308.D
 Acq: 05 Aug 2024 12:07

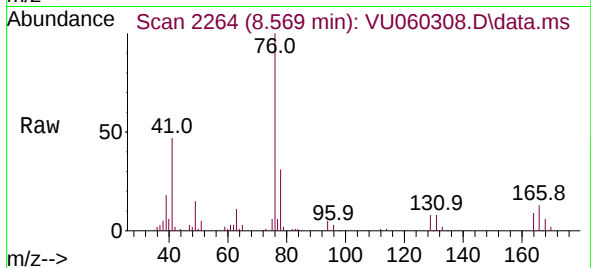
Tgt Ion:	97	Resp:	44851
Ion	Ratio	Lower	Upper
97	100		
83	93.7	73.0	109.4
85	59.4	46.2	69.4
99	63.9	50.1	75.1



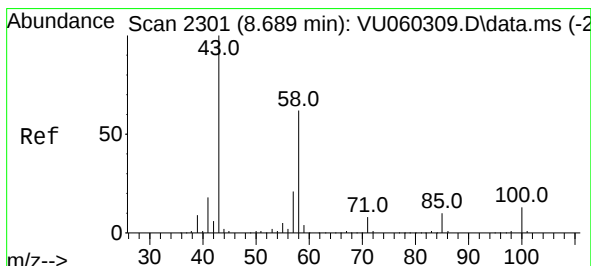
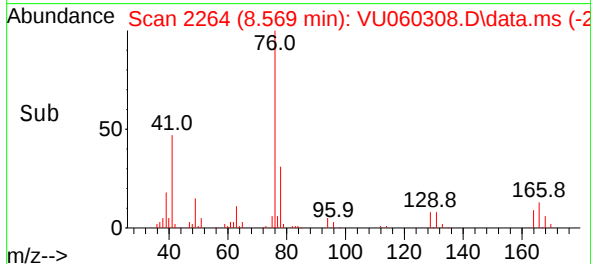
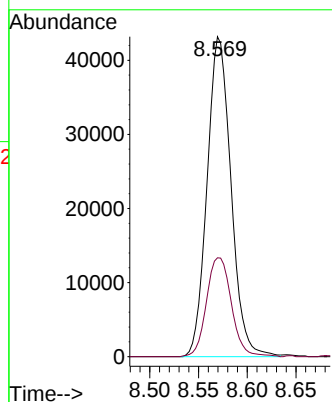


#53
1,3-Dichloropropane
Concen: 5.259 ug/l
RT: 8.569 min Scan# 2264
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :

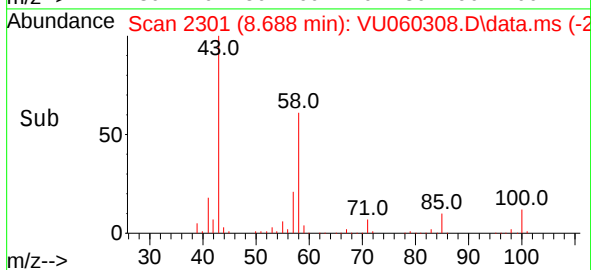
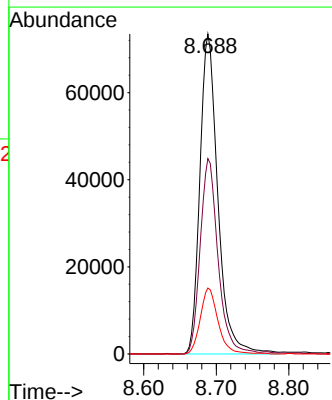
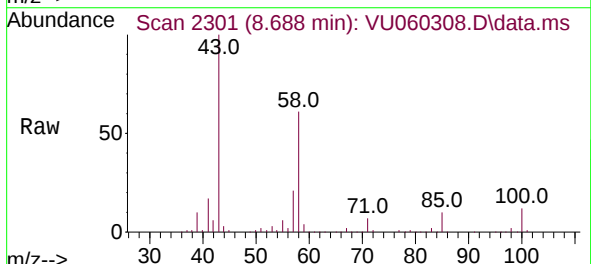


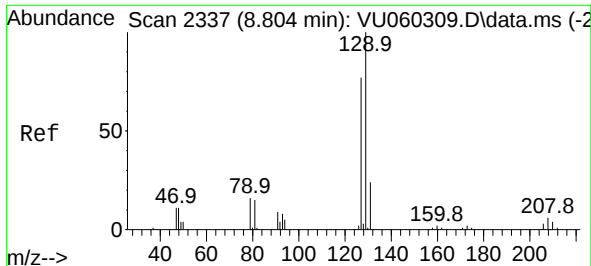
Tgt Ion: 76 Resp: 73834
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2



#54
2-Hexanone
Concen: 28.983 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 43 Resp: 126422
Ion Ratio Lower Upper
43 100
58 60.5 40.1 80.1
57 20.3 0.3 40.3

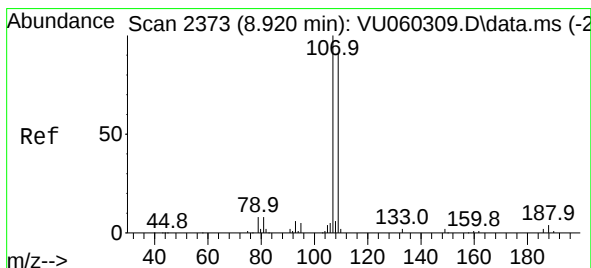
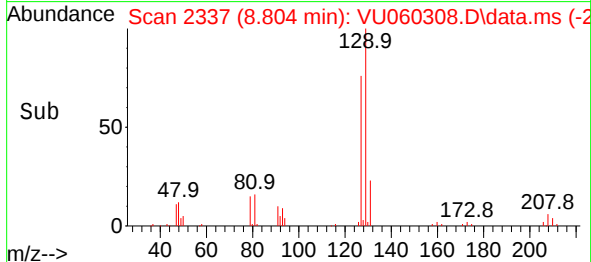
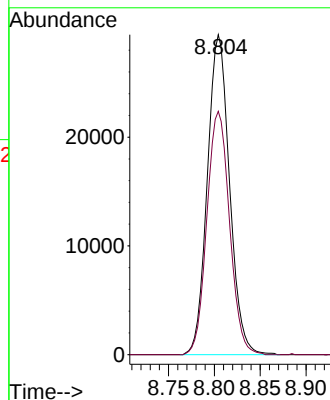
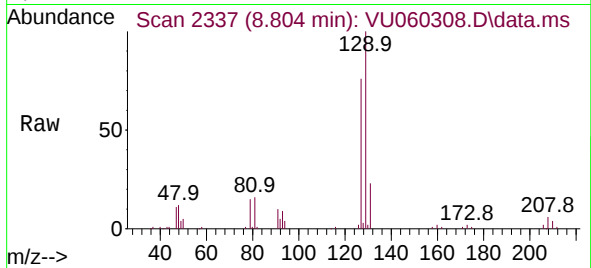




#55
Dibromochloromethane
Concen: 5.142 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

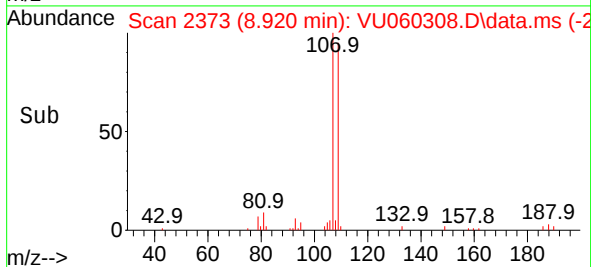
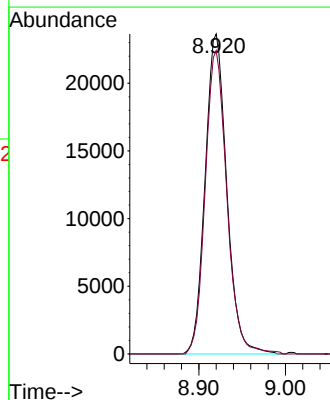
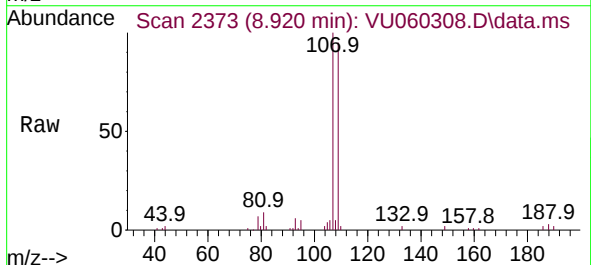
Instrument :
MSVOA_U
ClientSampleId :

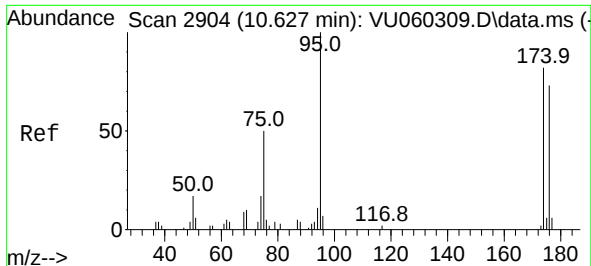
Tgt Ion:129 Resp: 49621
Ion Ratio Lower Upper
129 100
127 77.6 61.6 92.4



#56
1,2-Dibromoethane
Concen: 5.205 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion:107 Resp: 41071
Ion Ratio Lower Upper
107 100
109 94.6 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 1.065 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

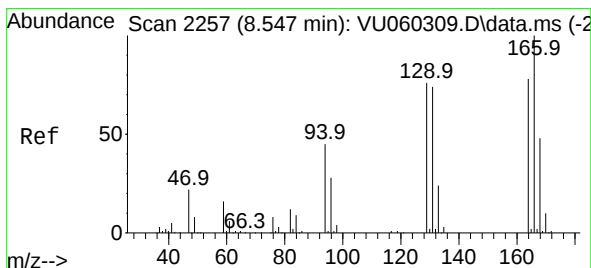
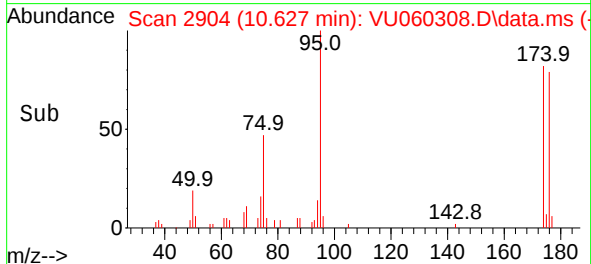
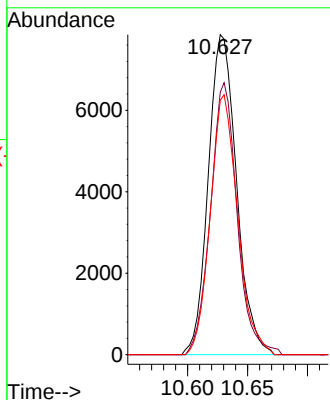
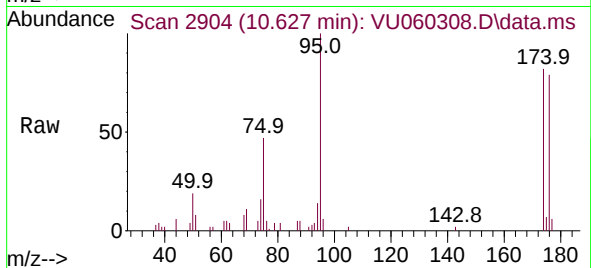
Tgt Ion: 95 Resp: 12863

Ion Ratio Lower Upper

95 100

174 80.4 65.6 98.4

176 78.7 60.4 90.6



#58

Tetrachloroethene

Concen: 5.207 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Tgt Ion: 164 Resp: 50455

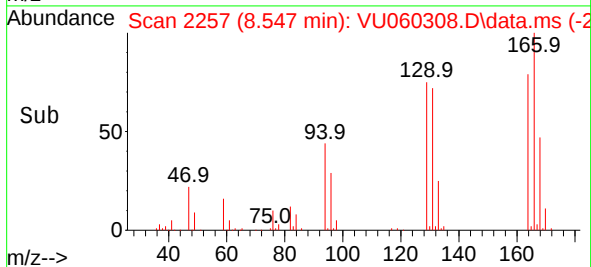
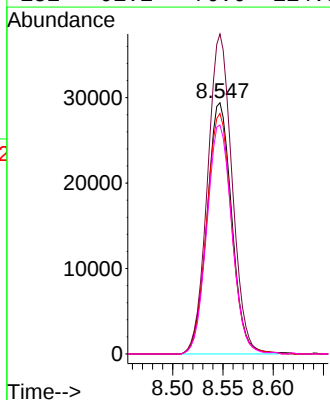
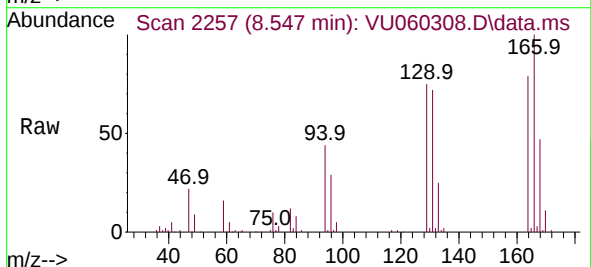
Ion Ratio Lower Upper

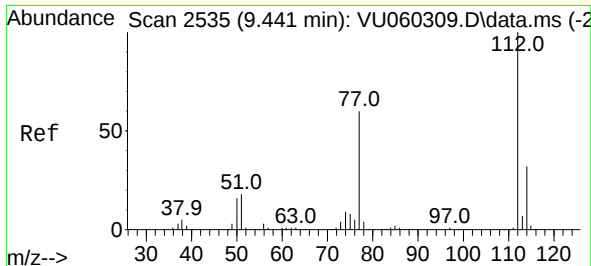
164 100

166 127.4 102.9 154.3

129 95.7 78.0 117.0

131 91.1 76.6 114.8





#59

Chlorobenzene

Concen: 5.203 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

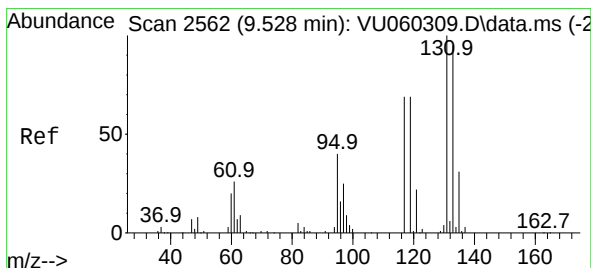
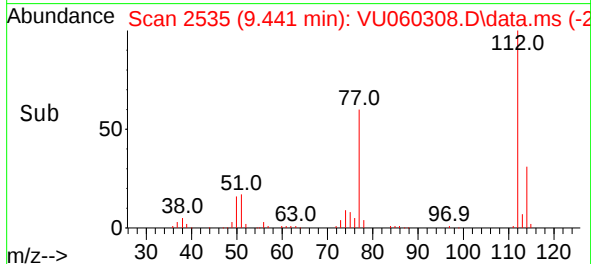
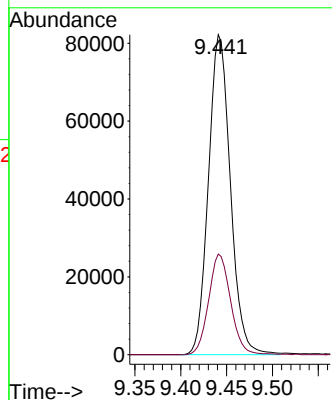
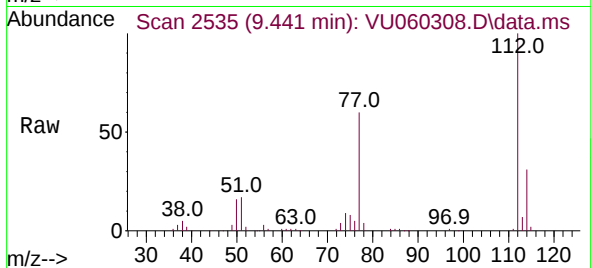
ClientSampleId :

Tgt Ion:112 Resp: 136822

Ion Ratio Lower Upper

112 100

114 31.4 25.3 37.9



#60

1,1,1,2-Tetrachloroethane

Concen: 5.041 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

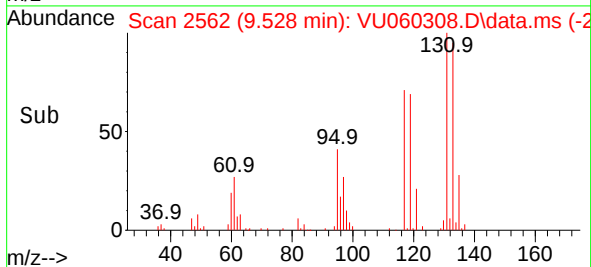
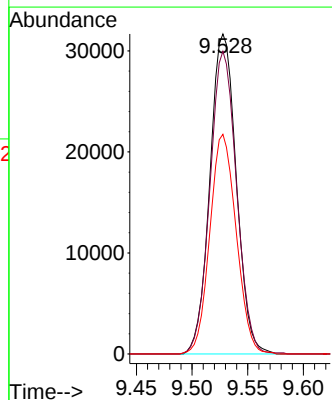
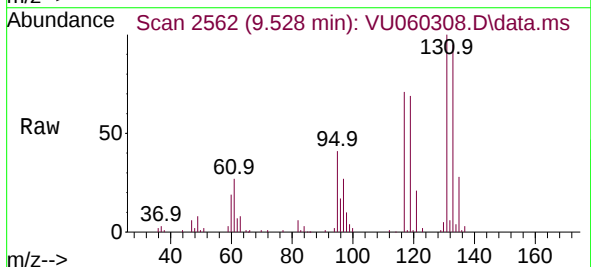
Tgt Ion:131 Resp: 52227

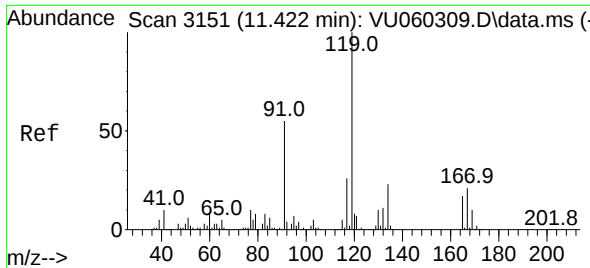
Ion Ratio Lower Upper

131 100

133 95.3 77.2 115.8

119 68.6 55.4 83.2

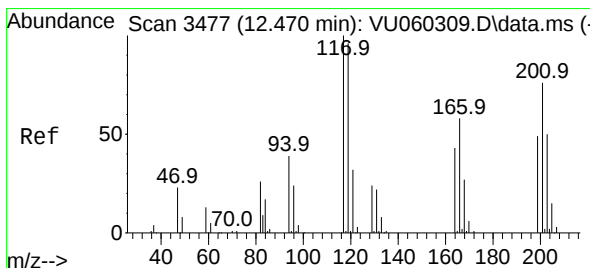
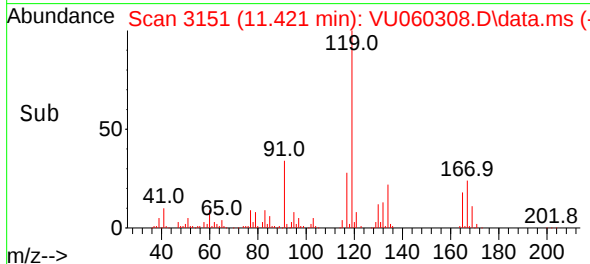
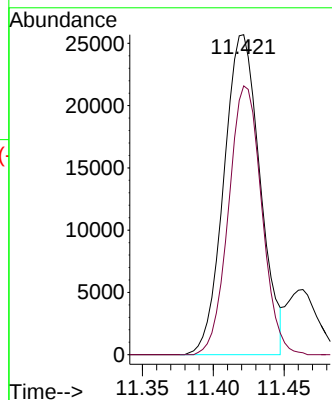
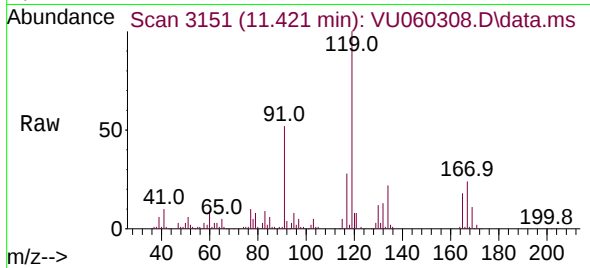




#61
Pentachloroethane
Concen: 5.172 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

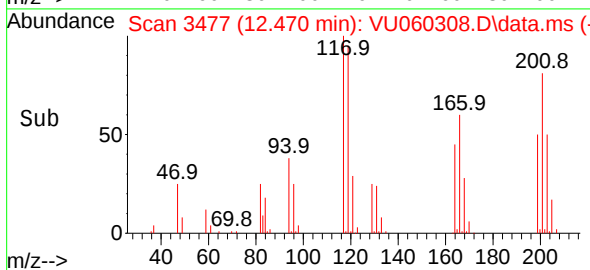
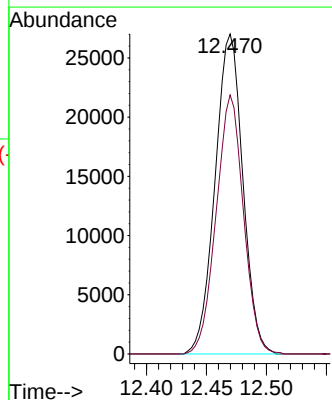
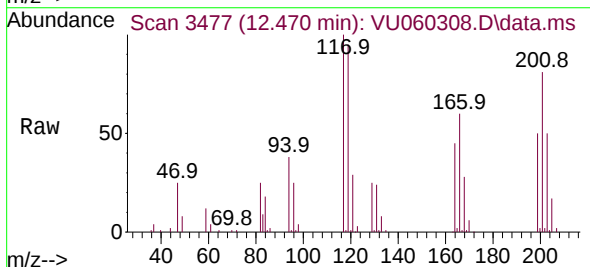
Instrument :
MSVOA_U
ClientSampleId :

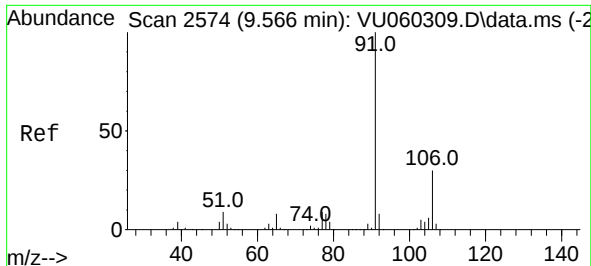
Tgt Ion:117 Resp: 45766
Ion Ratio Lower Upper
117 100
167 76.8 62.2 93.4



#62
Hexachloroethane
Concen: 5.089 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion:117 Resp: 43529
Ion Ratio Lower Upper
117 100
201 79.5 62.7 94.1





#63

Ethyl Benzene

Concen: 4.810 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

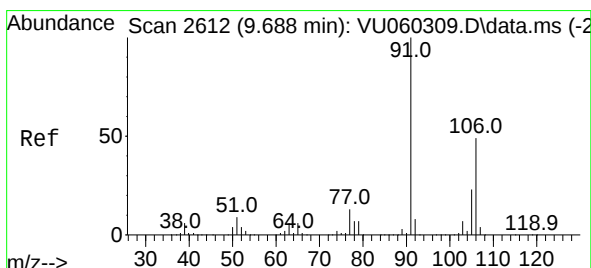
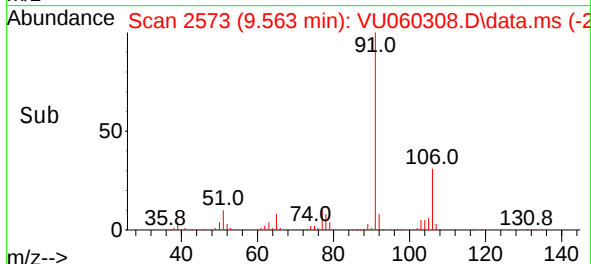
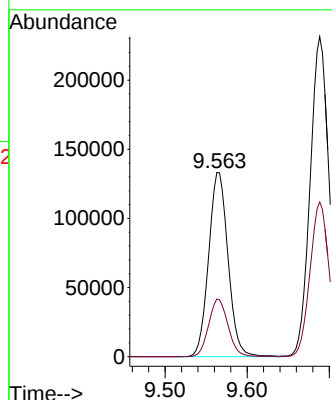
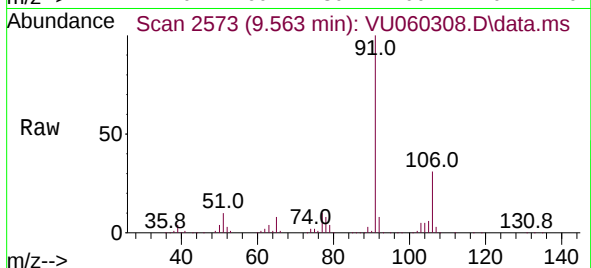
ClientSampleId :

Tgt Ion: 91 Resp: 219140

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6



#64

m/p-Xylenes

Concen: 9.590 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060308.D

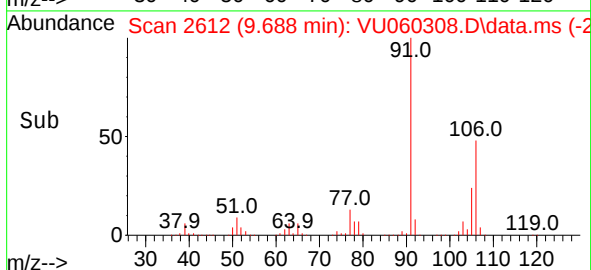
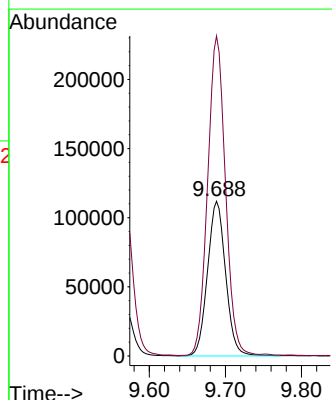
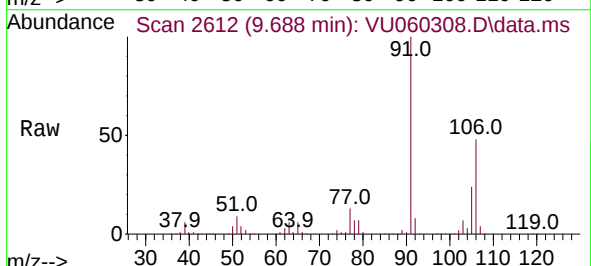
Acq: 05 Aug 2024 12:07

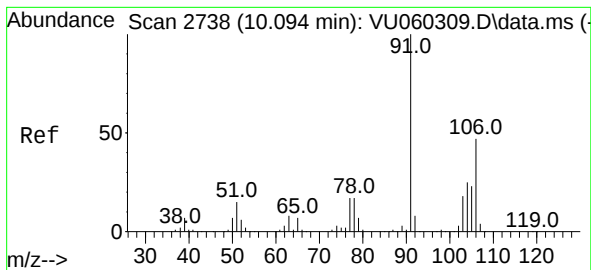
Tgt Ion:106 Resp: 185126

Ion Ratio Lower Upper

106 100

91 202.5 165.0 247.4

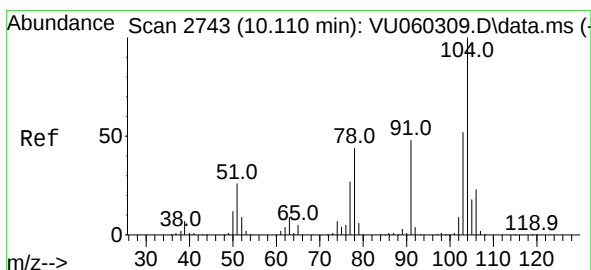
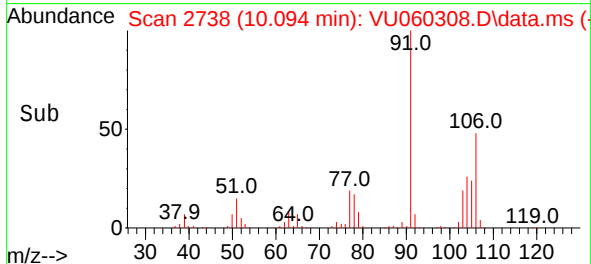
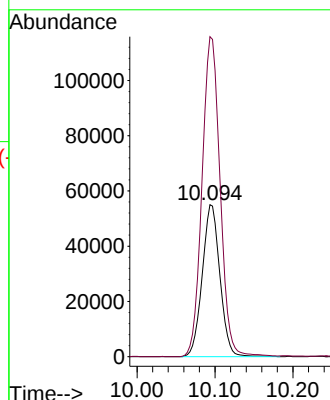
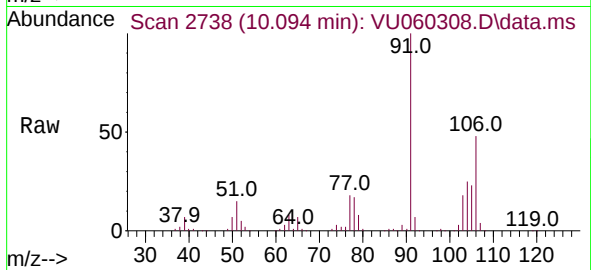




#65
o-Xylene
Concen: 4.742 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

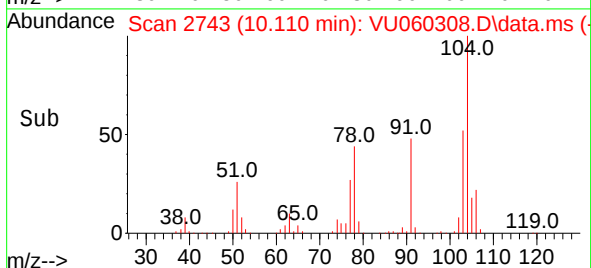
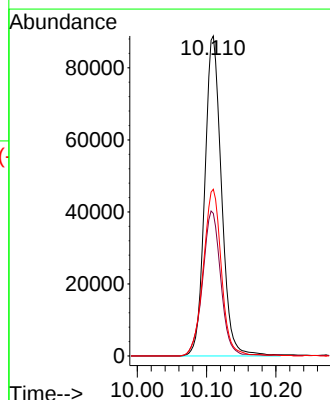
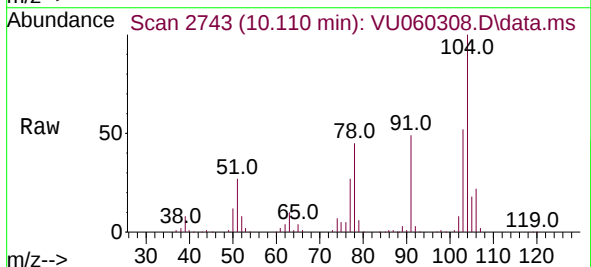
Instrument :
MSVOA_U
ClientSampleId :

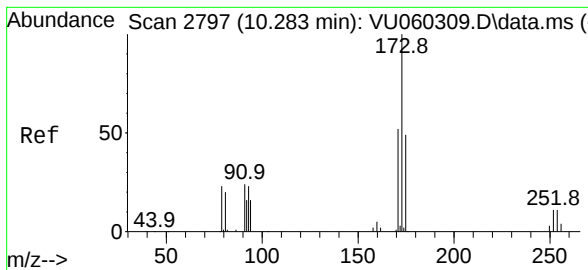
Tgt Ion:106 Resp: 86382
Ion Ratio Lower Upper
106 100
91 216.4 108.8 326.4



#66
Styrene
Concen: 4.768 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion:104 Resp: 148699
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 56.1 45.0 67.6





#67

Bromoform

Concen: 5.334 ug/l

RT: 10.283 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

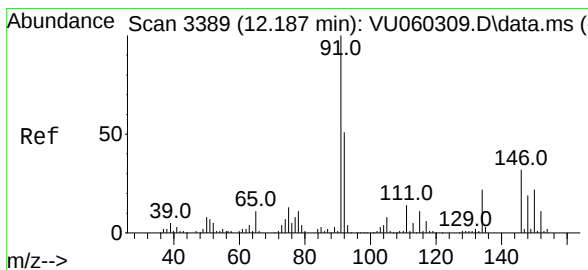
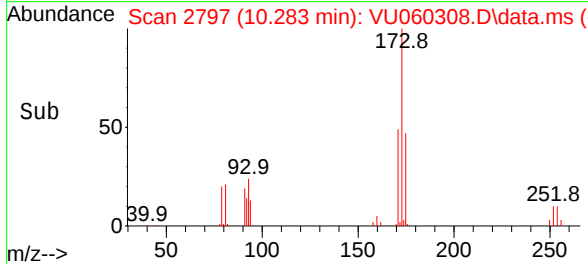
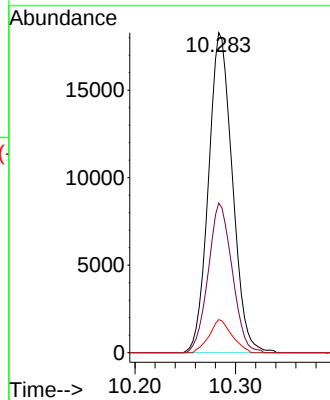
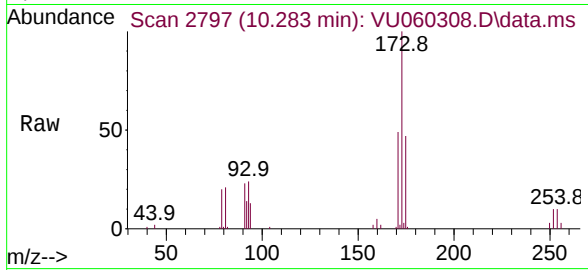
Tgt Ion:173 Resp: 30150

Ion Ratio Lower Upper

173 100

175 46.9 39.7 59.5

254 9.8 8.2 12.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.049 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

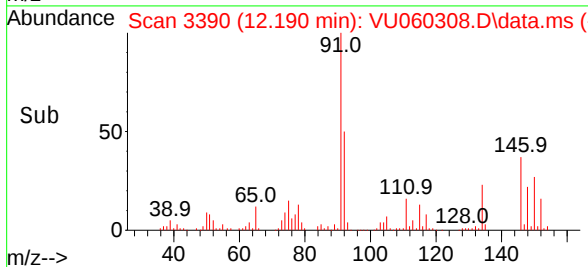
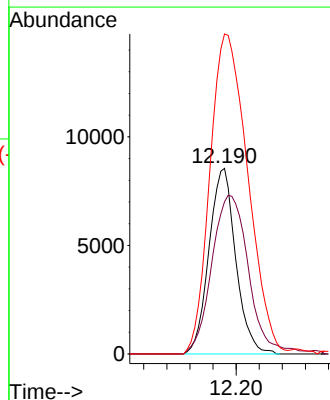
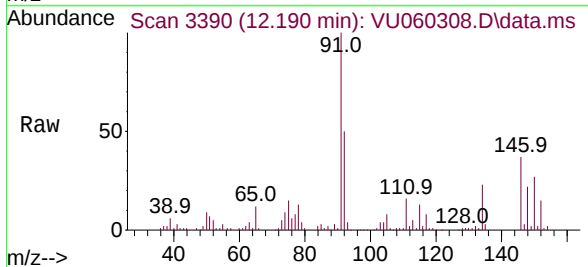
Tgt Ion:152 Resp: 13762

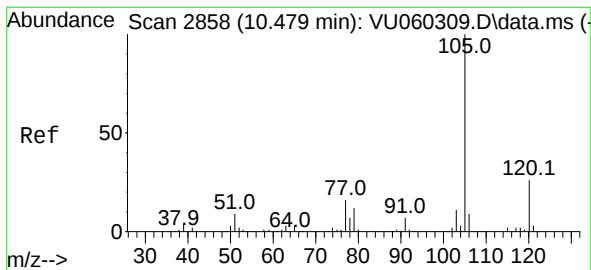
Ion Ratio Lower Upper

152 100

115 117.4 0.0 325.2

150 243.3 0.0 684.2





#69

Isopropylbenzene

Concen: 4.664 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

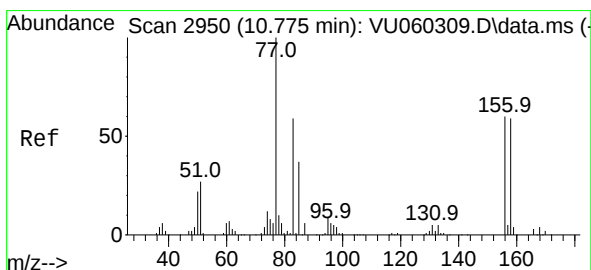
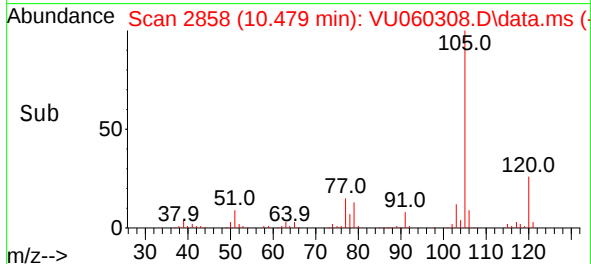
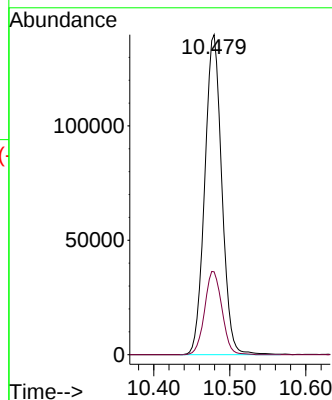
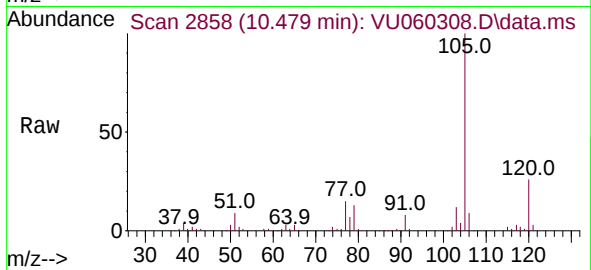
ClientSampleId :

Tgt Ion:105 Resp: 218019

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 5.225 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

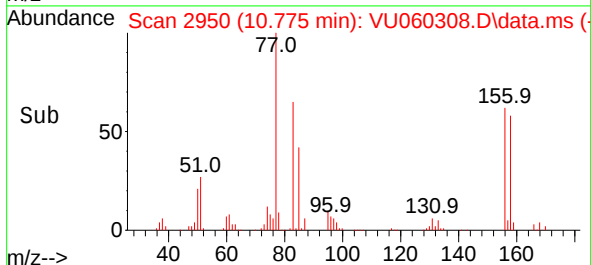
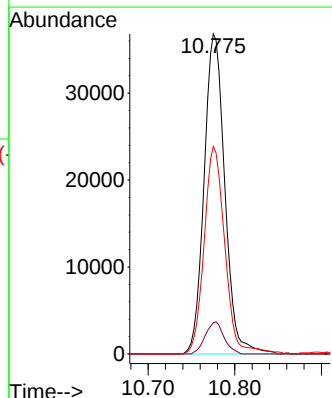
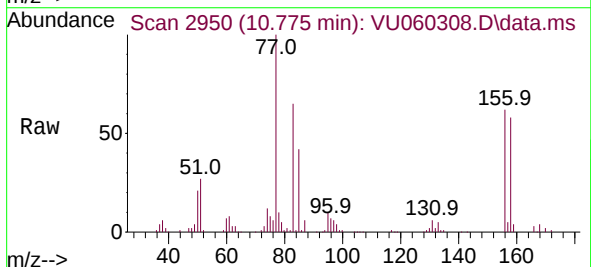
Tgt Ion: 83 Resp: 61173

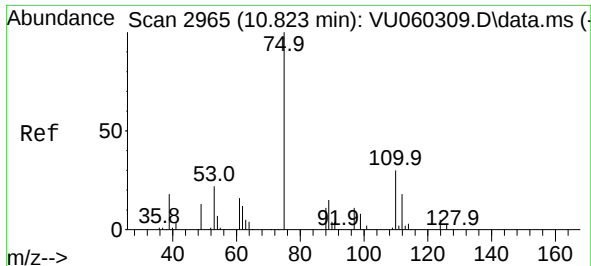
Ion Ratio Lower Upper

83 100

131 9.1 7.1 10.7

85 64.9 50.9 76.3

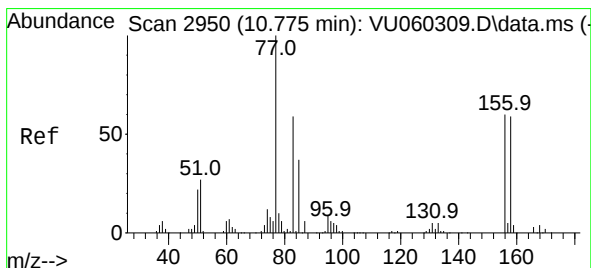
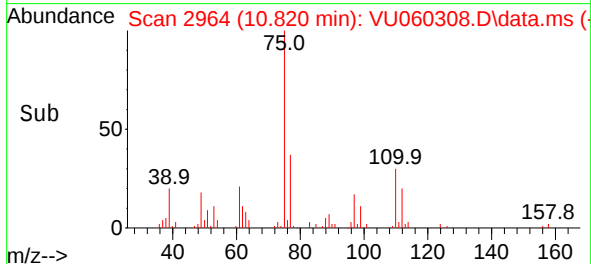
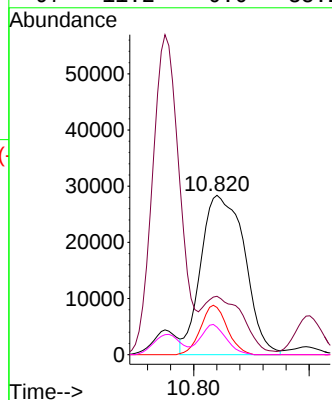
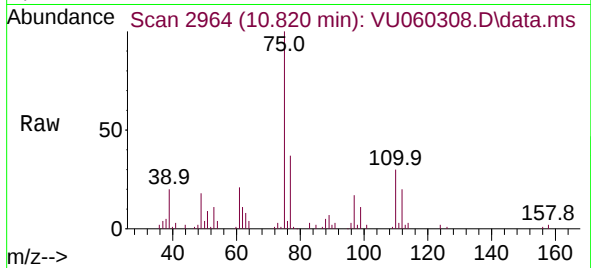




#71
1,2,3-Trichloropropane
Concen: 8.925 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

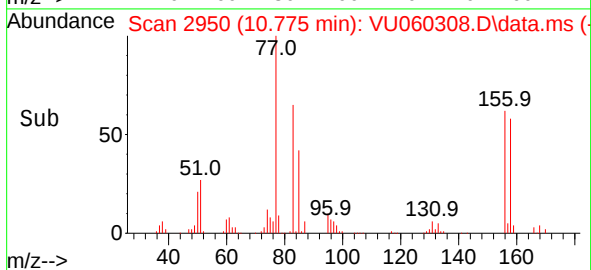
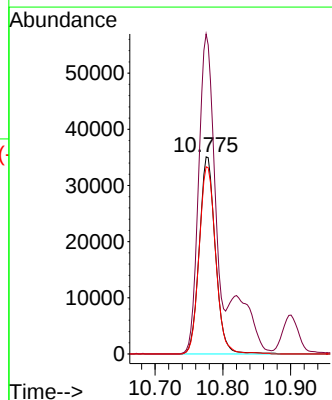
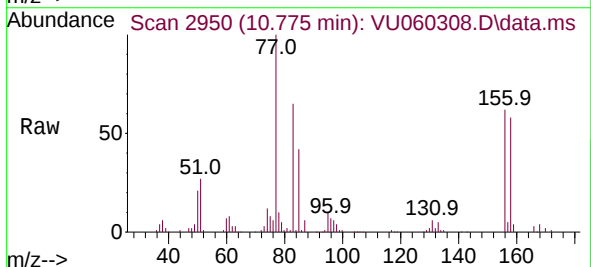
Instrument :
MSVOA_U
ClientSampleId :

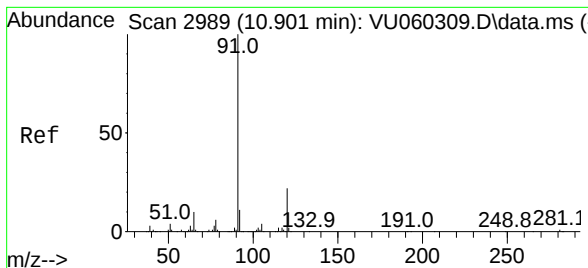
Tgt Ion: 75	Resp: 74626
Ion Ratio	Lower Upper
75 100	
77 30.5	0.0 102.2
110 18.8	0.0 67.4
97 11.2	0.0 38.2



#72
Bromobenzene
Concen: 5.370 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060308.D
Acq: 05 Aug 2024 12:07

Tgt Ion: 156	Resp: 57982
Ion Ratio	Lower Upper
156 100	
77 162.0	0.0 327.2
158 96.9	0.0 193.8





#73

n-propylbenzene

Concen: 4.708 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

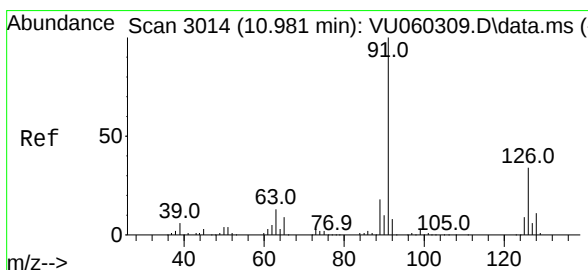
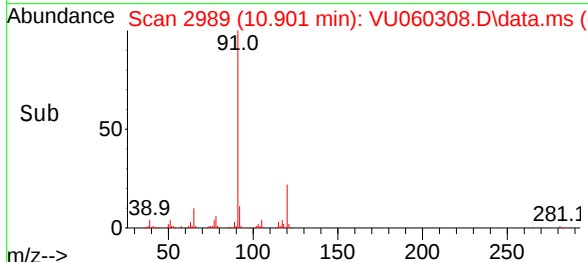
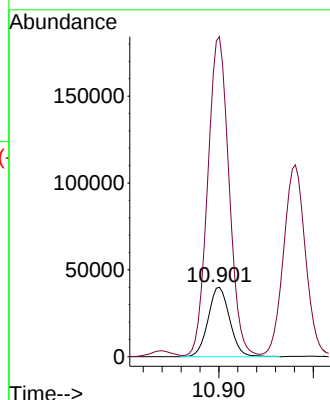
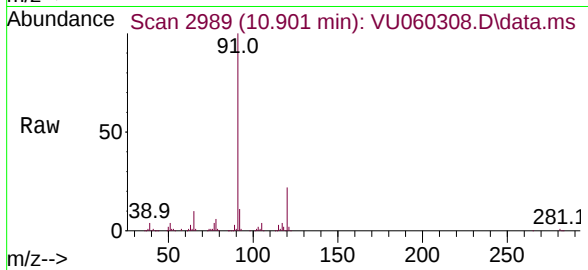
ClientSampleId :

Tgt Ion:120 Resp: 63137

Ion Ratio Lower Upper

120 100

91 458.4 362.2 543.2



#74

2-Chlorotoluene

Concen: 4.925 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. -0.000 min

Lab File: VU060308.D

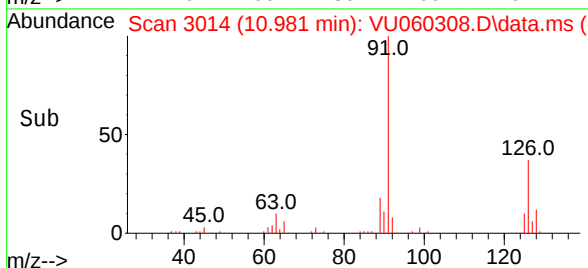
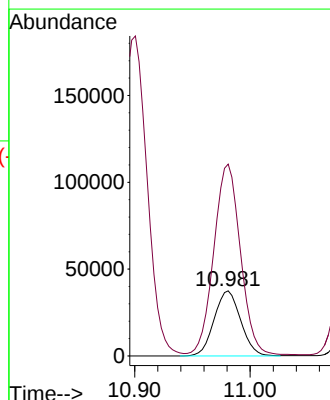
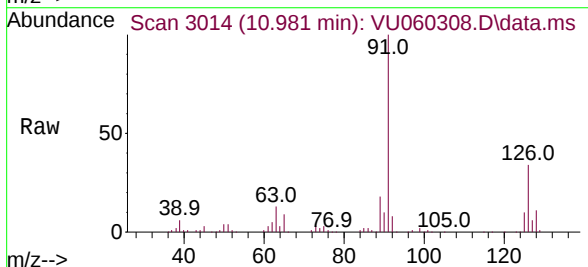
Acq: 05 Aug 2024 12:07

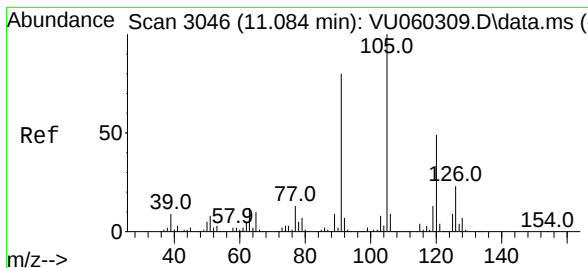
Tgt Ion:126 Resp: 59818

Ion Ratio Lower Upper

126 100

91 298.9 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 4.816 ug/l

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

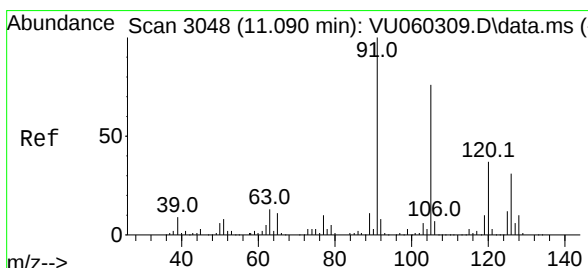
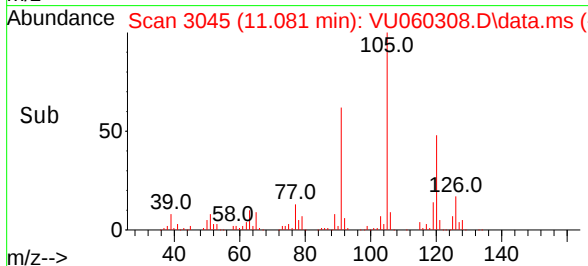
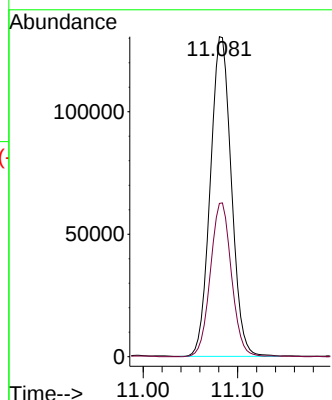
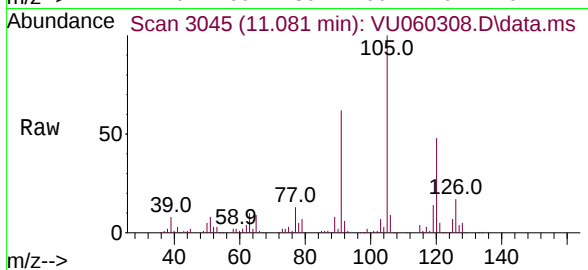
ClientSampleId :

Tgt Ion:105 Resp: 202033

Ion Ratio Lower Upper

105 100

120 48.1 38.6 57.8



#76

4-Chlorotoluene

Concen: 4.936 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU060308.D

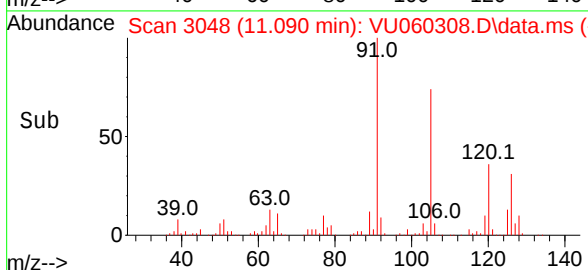
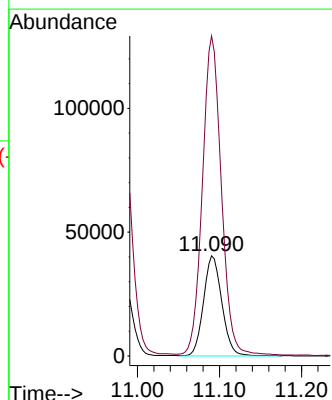
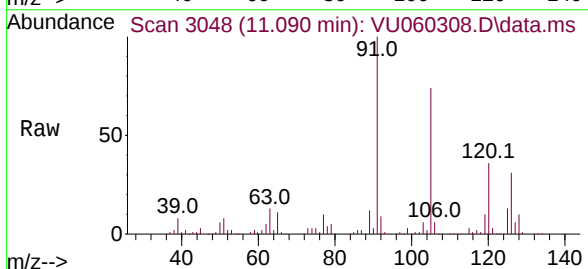
Acq: 05 Aug 2024 12:07

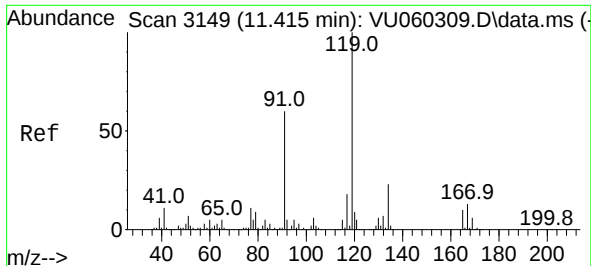
Tgt Ion:126 Resp: 62800

Ion Ratio Lower Upper

126 100

91 328.8 0.0 669.4





#77

tert-Butylbenzene

Concen: 4.683 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

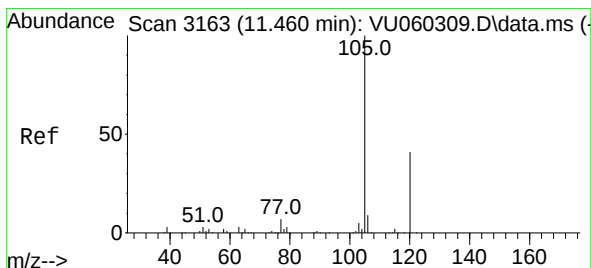
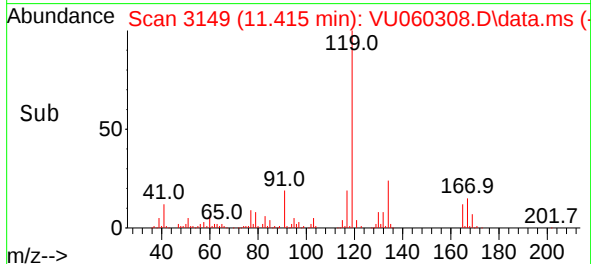
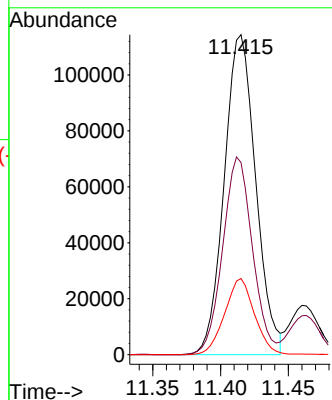
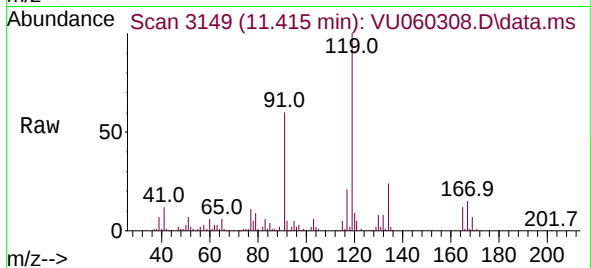
Tgt Ion:119 Resp: 185285

Ion Ratio Lower Upper

119 100

91 58.4 29.0 87.1

134 22.6 17.8 26.8



#78

1,2,4-Trimethylbenzene

Concen: 4.756 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060308.D

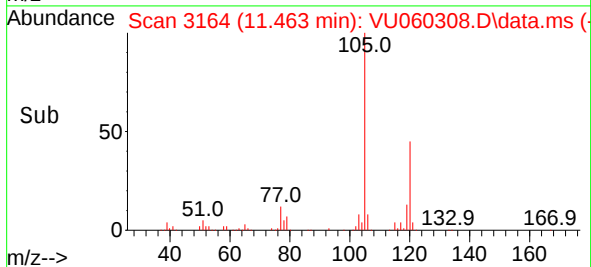
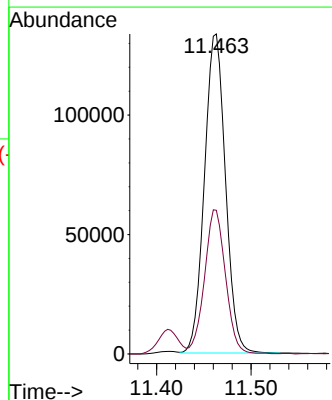
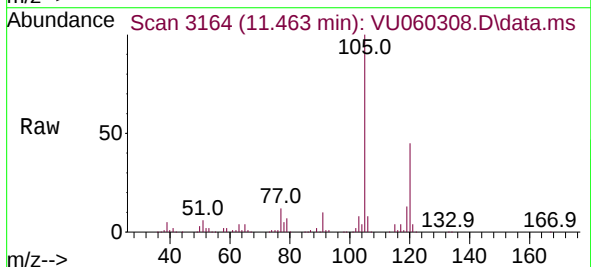
Acq: 05 Aug 2024 12:07

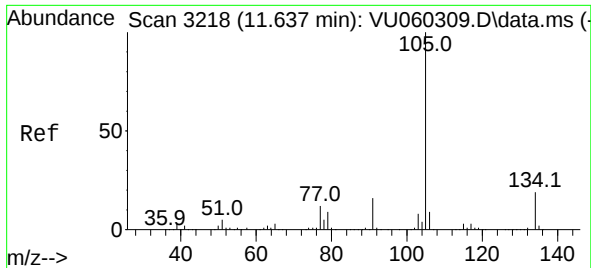
Tgt Ion:105 Resp: 206663

Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.7





#79

sec-Butylbenzene

Concen: 4.755 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

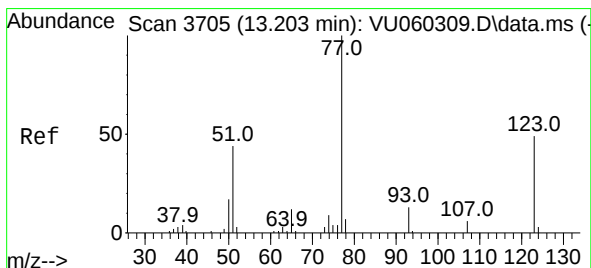
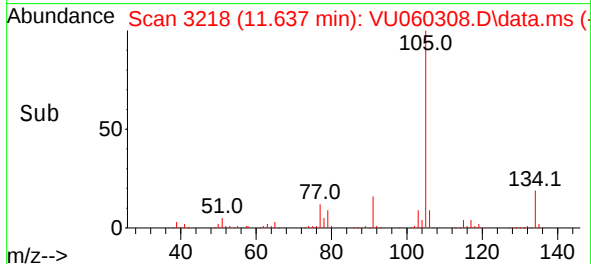
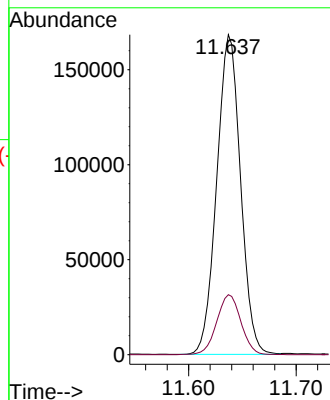
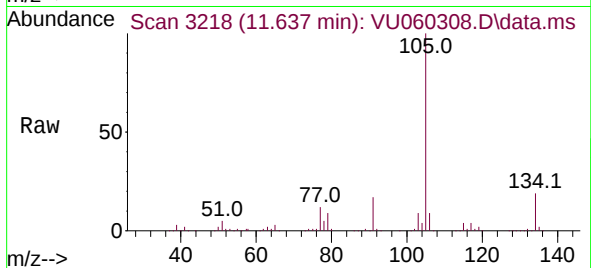
ClientSampleId :

Tgt Ion:105 Resp: 258162

Ion Ratio Lower Upper

105 100

134 19.2 15.5 23.3



#80

Nitrobenzene

Concen: 25.808 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

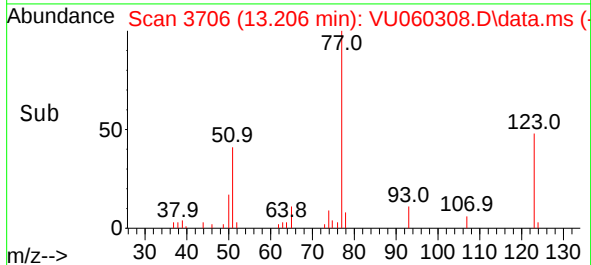
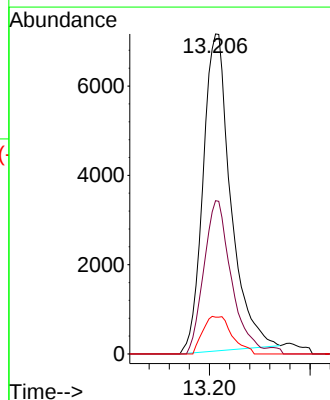
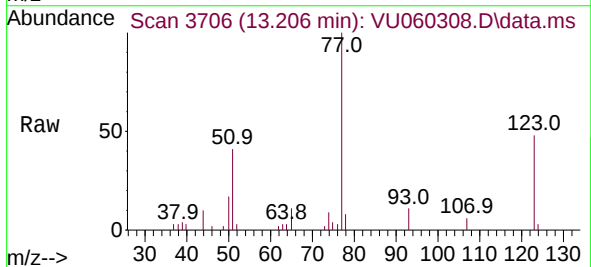
Tgt Ion: 77 Resp: 13542

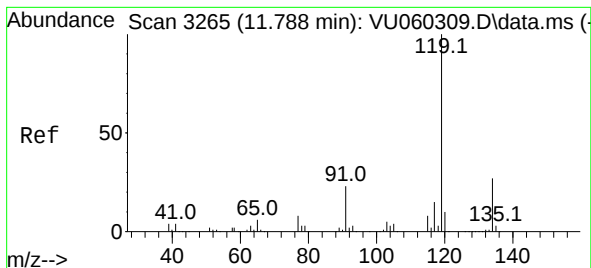
Ion Ratio Lower Upper

77 100

123 45.8 19.6 69.6

65 12.4 9.0 11.4#





#81

p-Isopropyltoluene

Concen: 4.679 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

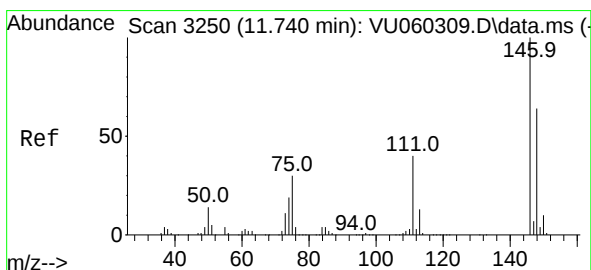
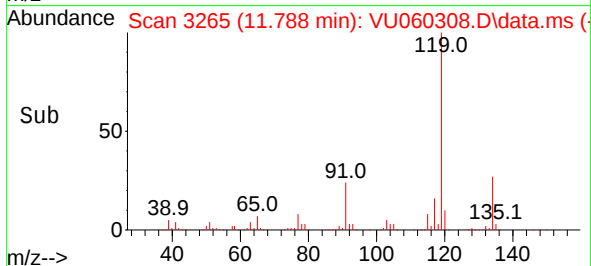
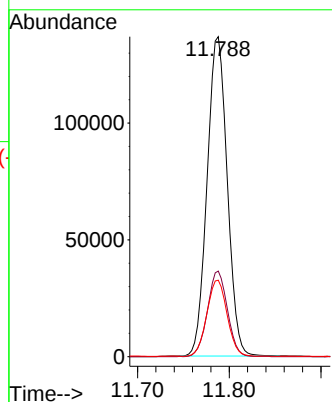
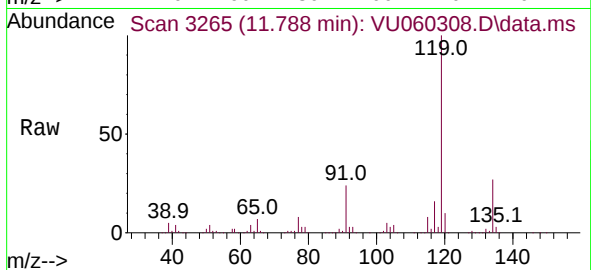
Tgt Ion:119 Resp: 208932

Ion Ratio Lower Upper

119 100

134 26.5 21.2 31.8

91 23.9 18.9 28.3



#82

1,3-Dichlorobenzene

Concen: 5.323 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

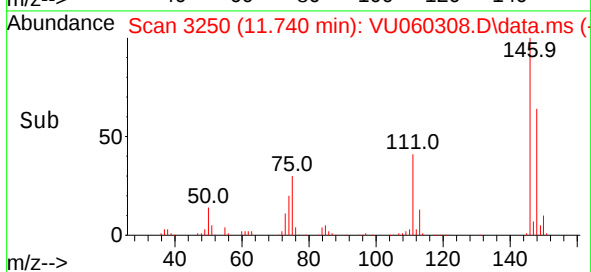
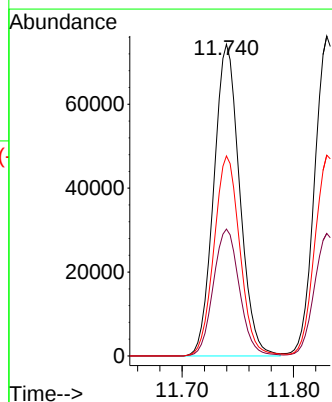
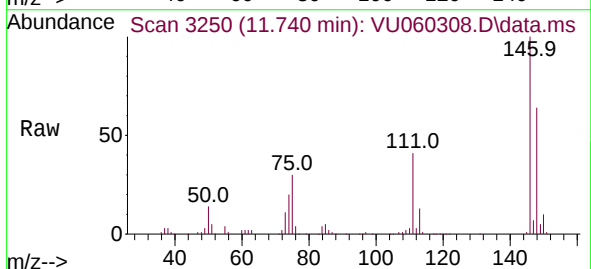
Tgt Ion:146 Resp: 119912

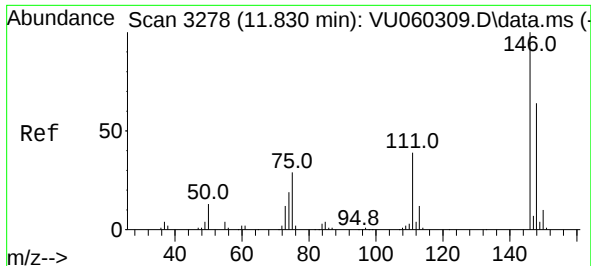
Ion Ratio Lower Upper

146 100

111 41.1 32.0 48.0

148 64.2 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 5.484 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

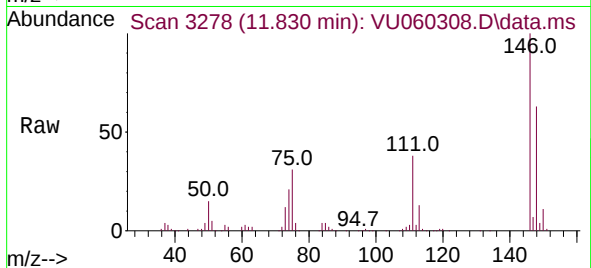
Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :



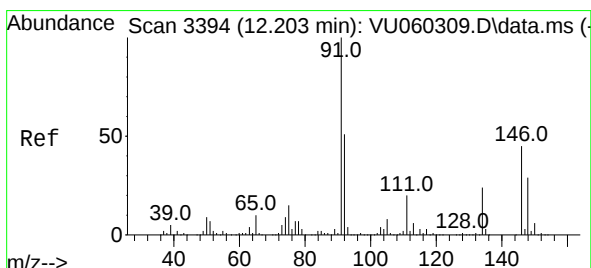
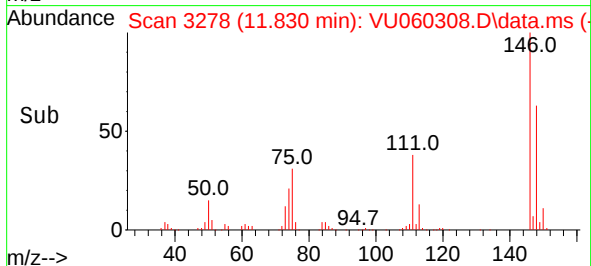
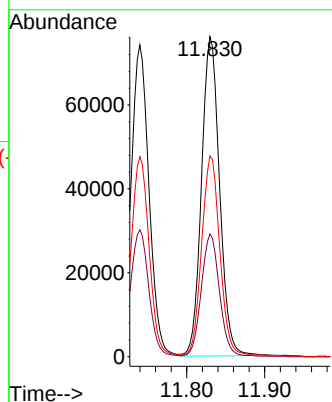
Tgt Ion:146 Resp: 122628

Ion	Ratio	Lower	Upper
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146	100		
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111	38.4	30.9	46.3
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148	62.1	51.8	77.6
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#84

n-Butylbenzene

Concen: 4.727 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

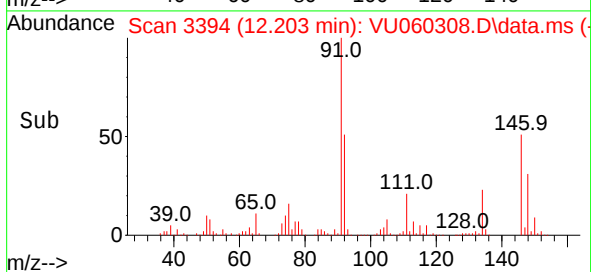
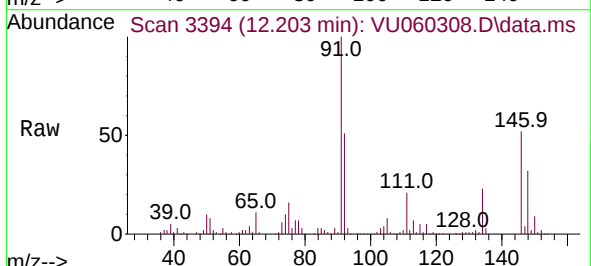
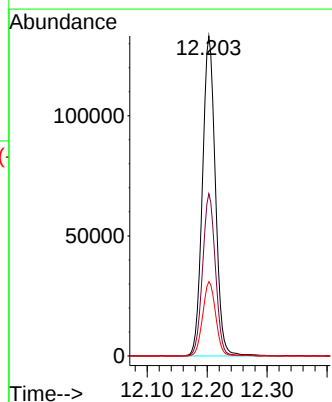
Tgt Ion: 91 Resp: 200989

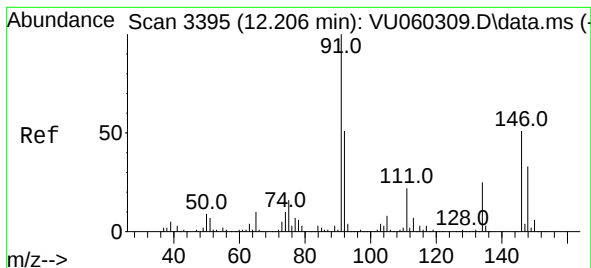
Ion	Ratio	Lower	Upper
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91	100		
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92	50.1	41.0	61.6
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134	23.3	19.4	29.2
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#85

1,2-Dichlorobenzene

Concen: 5.393 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

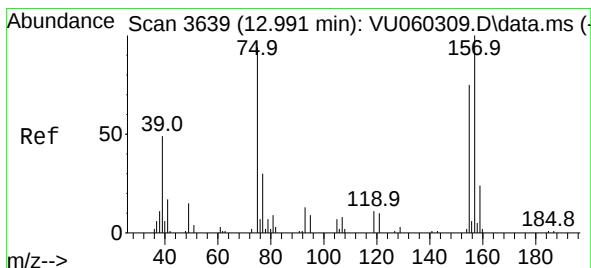
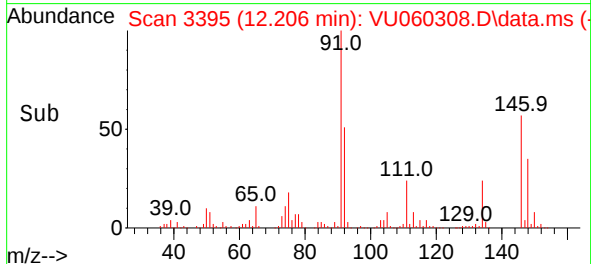
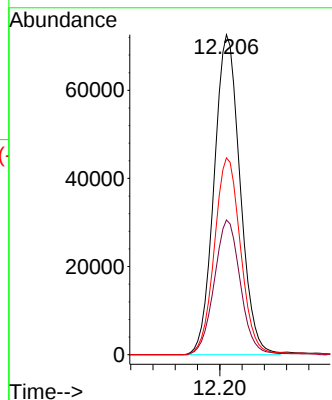
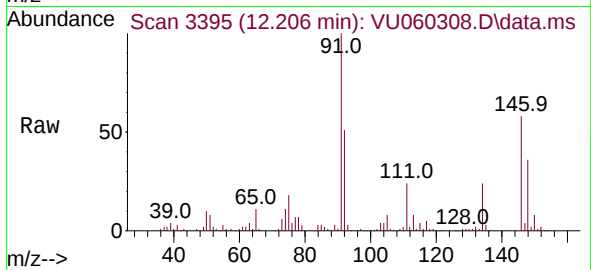
Tgt Ion:146 Resp: 117512

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 62.3 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 5.378 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

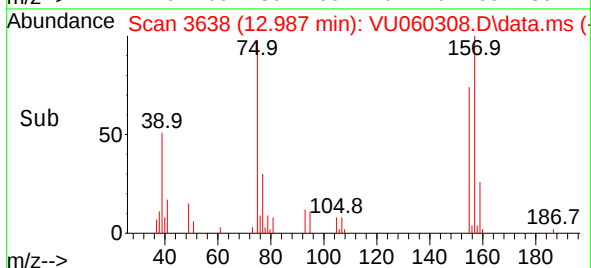
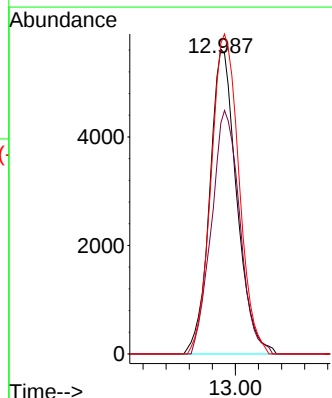
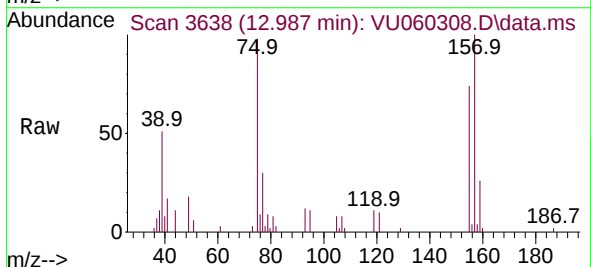
Tgt Ion: 75 Resp: 9130

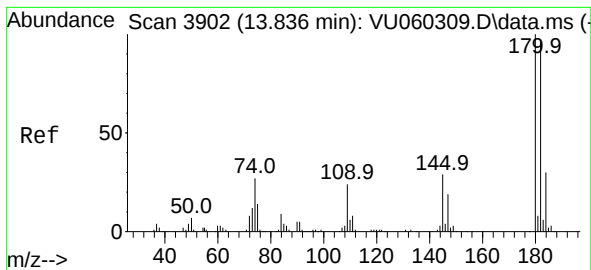
Ion Ratio Lower Upper

75 100

155 83.4 66.1 99.1

157 108.3 85.0 127.4





#87

1,2,4-Trichlorobenzene

Concen: 5.137 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

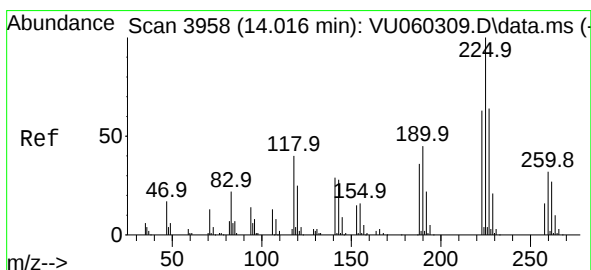
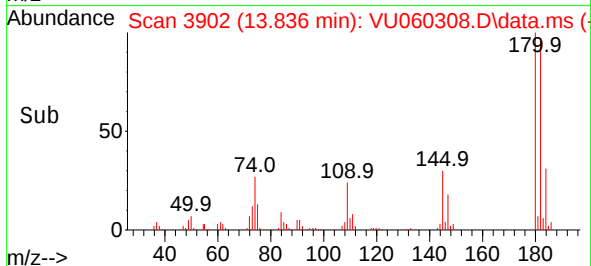
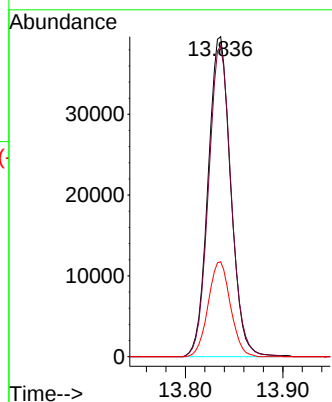
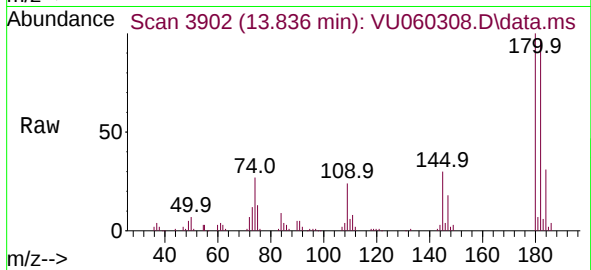
Tgt Ion:180 Resp: 64022

Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

145 29.2 23.4 35.0



#88

Hexachlorobutadiene

Concen: 5.068 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

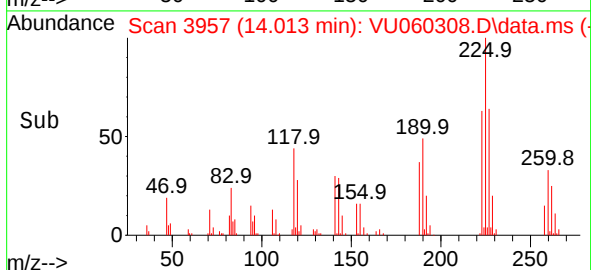
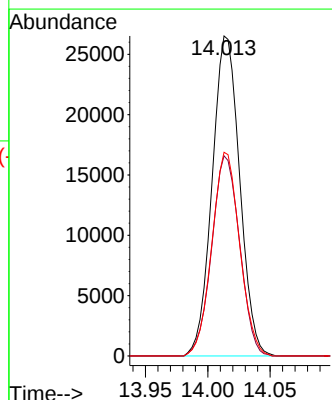
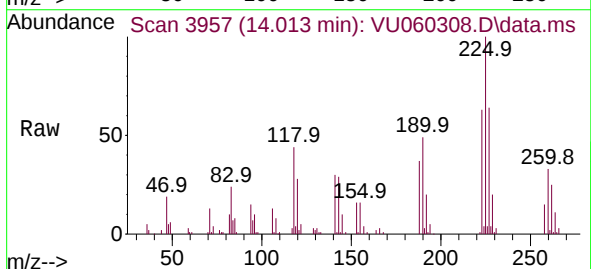
Tgt Ion:225 Resp: 40838

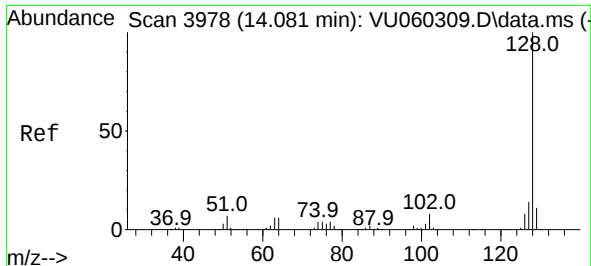
Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

227 64.2 50.8 76.2





#89

Naphthalene

Concen: 5.054 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

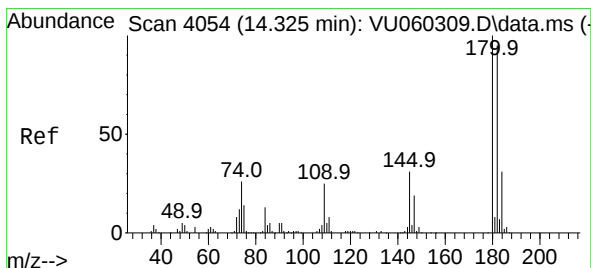
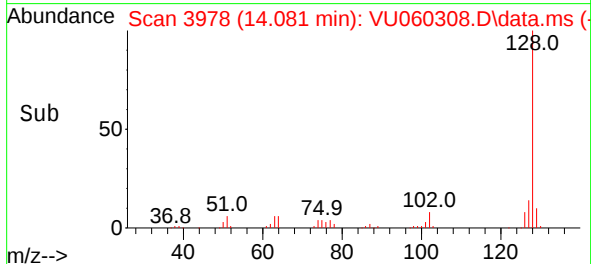
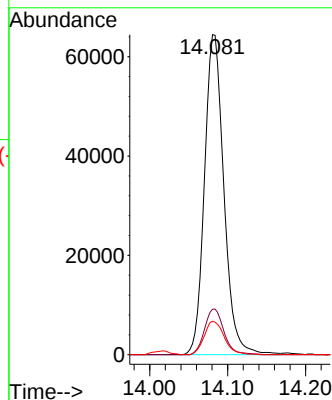
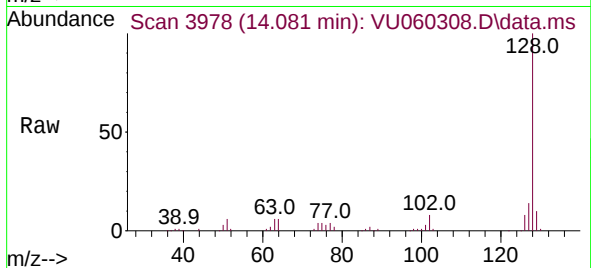
Tgt Ion:128 Resp: 111520

Ion Ratio Lower Upper

128 100

127 14.2 11.0 16.4

129 10.8 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 5.333 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060308.D

Acq: 05 Aug 2024 12:07

Tgt Ion:180 Resp: 64884

Ion Ratio Lower Upper

180 100

182 97.3 76.1 114.1

145 31.0 25.0 37.6

