

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060344.D
 Acq On : 07 Aug 2024 18:23
 Operator : MD/SY
 Sample : P3390-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 06:02:59 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	6.113	96	29274	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	9545	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11291	1.042	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8529	0.758	ug/l	97
3) Chloromethane	1.519	50	9662	0.751	ug/l	99
4) Vinyl Chloride	1.602	62	9577	0.744	ug/l	100
5) Bromomethane	1.856	94	7080	0.895	ug/l	98
6) Chloroethane	1.930	64	6613	0.849	ug/l	94
7) Trichlorofluoromethane	2.136	101	12200	0.786	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	6472	0.766	ug/l	97
9) 1,1-Dichloroethene	2.576	96	7510	0.858	ug/l	79
10) Iodomethane	2.718	142	10348	0.798	ug/l	97
11) Allyl Chloride	2.920	41	8088	0.674	ug/l	100
12) Acrylonitrile	3.342	53	532	0.233	ug/l	# 1
13) Acetone	2.657	43	4540	1.635	ug/l	94
14) Carbon Disulfide	2.789	76	21849	0.736	ug/l	98
15) Methylene Chloride	3.039	84	9935	0.907	ug/l	92
16) trans-1,2-Dichloroethene	3.351	96	7071	0.754	ug/l	92
17) 1,1-Dichloroethane	3.862	63	13602	0.754	ug/l	95
18) 2-Butanone	4.753	43	2496	0.778	ug/l	96
19) Cyclohexane	5.377	56	7599	0.489	ug/l	# 85
20) Methylcyclohexane	6.756	83	8077	0.655	ug/l	95
21) 2,2-Dichloropropane	4.657	77	9864	0.703	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	7348	0.731	ug/l	96
23) Diethyl Ether	2.374	59	5592	0.786	ug/l	99
24) tert-Butyl Alcohol	3.239	59	786	0.885	ug/l	# 83
25) Methyl tert-Butyl Ether	3.358	73	13096	0.610	ug/l	95
26) Bromochloromethane	4.975	128	3692	0.868	ug/l	88
27) Chloroform	5.084	83	14743	0.836	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	11580	0.790	ug/l	98
29) 1,1-Dichloropropene	5.528	75	8172	0.696	ug/l	99
30) Carbon Tetrachloride	5.518	117	10129	0.848	ug/l	97
31) Isopropyl Ether	3.988	45	14935	0.567	ug/l	67
32) Ethyl-t-butyl ether	4.496	59	14172	0.556	ug/l	91
33) Tert-Amyl methyl ether	5.936	73	12892	0.713	ug/l	98
34) Propionitrile	4.824	54	339	0.370	ug/l	# 53
35) Benzene	5.772	78	29453	0.814	ug/l	98
36) 1,2-Dichloroethane	5.792	62	8062	0.802	ug/l	96
37) Trichloroethene	6.538	130	7578	0.846	ug/l	98
38) 1,2-Dichloropropane	6.785	63	7886	0.806	ug/l	97
39) Methacrylonitrile	4.994	41	679	0.205	ug/l	# 27
41) Tetrahydrofuran	5.071	42	1359	0.752	ug/l	# 57
42) 1-Chlorobutane	5.454	56	11193	0.691	ug/l	99
43) Dibromomethane	6.917	93	3940	0.796	ug/l	97
44) Bromodichloromethane	7.100	83	10252	0.862	ug/l	94
45) 4-Methyl-2-Pentanone	7.792	43	14993	3.225	ug/l	96

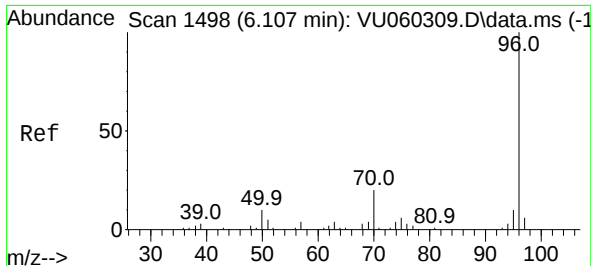
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	7833	3.007	ug/l #	53
47) Methyl methacrylate	6.965	69	5148	1.281	ug/l #	91
48) Ethyl methacrylate	8.335	69	4590	0.673	ug/l	99
49) Toluene	7.968	92	15391	0.767	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	7630	0.777	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	9267	0.785	ug/l	94
52) 1,1,2-Trichloroethane	8.399	97	6120	0.842	ug/l	90
53) 1,3-Dichloropropane	8.570	76	9081	0.783	ug/l	99
54) 2-Hexanone	8.689	43	9318	2.586	ug/l	94
55) Dibromochloromethane	8.808	129	6951	0.872	ug/l	99
56) 1,2-Dibromoethane	8.923	107	5148	0.790	ug/l	98
58) Tetrachloroethene	8.547	164	6739	0.842	ug/l	94
59) Chlorobenzene	9.444	112	18068	0.832	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.528	131	7263	0.849	ug/l	97
61) Pentachloroethane	11.422	117	5944	0.813	ug/l	99
62) Hexachloroethane	12.467	117	5635	0.798	ug/l	97
63) Ethyl Benzene	9.566	91	25129	1.069	ug/l	96
64) m/p-Xylenes	9.692	106	18439	1.946	ug/l	97
65) o-Xylene	10.094	106	9331	1.005	ug/l	97
66) Styrene	10.113	104	14861	0.991	ug/l	97
67) Bromoform	10.287	173	4167	0.892	ug/l #	93
69) Isopropylbenzene	10.480	105	22720	1.003	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	7332	0.758	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	7833	1.093	ug/l #	57
72) Bromobenzene	10.779	156	7680	0.861	ug/l	93
73) n-propylbenzene	10.901	120	6778	1.037	ug/l	93
74) 2-Chlorotoluene	10.981	126	6809	0.950	ug/l	90
75) 1,3,5-Trimethylbenzene	11.084	105	18600	0.943	ug/l	98
76) 4-Chlorotoluene	11.097	126	5972	0.866	ug/l	96
77) tert-Butylbenzene	11.412	119	21453	1.039	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	19336	0.979	ug/l	99
79) sec-Butylbenzene	11.637	105	26420	0.985	ug/l	100
80) Nitrobenzene	13.235	77	449	1.057	ug/l #	69
81) p-Isopropyltoluene	11.788	119	19664	0.994	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	15399	0.827	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	14947	0.809	ug/l	98
84) n-Butylbenzene	12.206	91	19299	0.992	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	14705	0.817	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1001	0.714	ug/l	81
87) 1,2,4-Trichlorobenzene	13.840	180	7738	0.752	ug/l	94
88) Hexachlorobutadiene	14.013	225	5355	0.804	ug/l	98
89) Naphthalene	14.090	128	9523	0.523	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.325	180	6758	0.672	ug/l	96

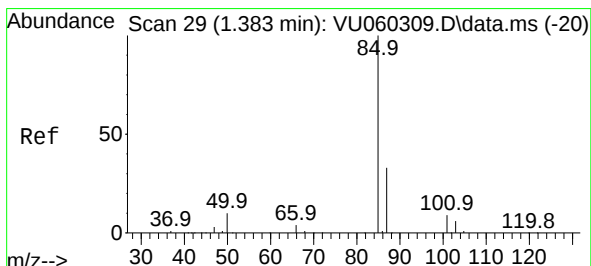
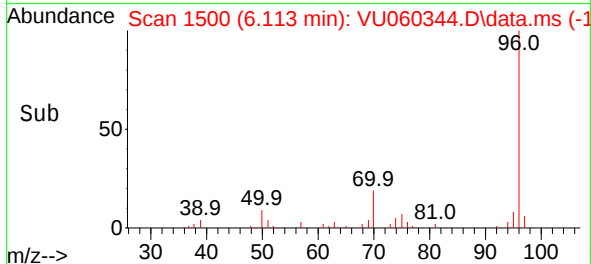
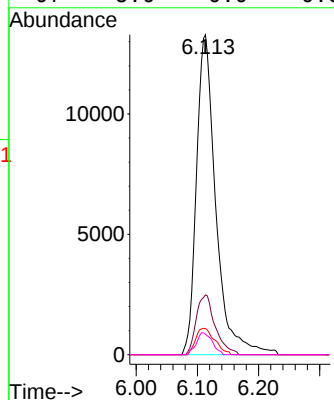
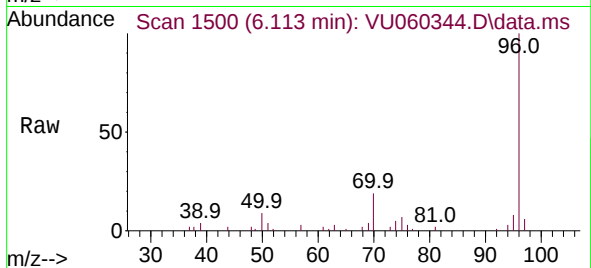
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

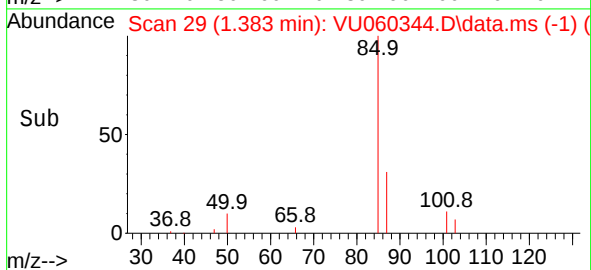
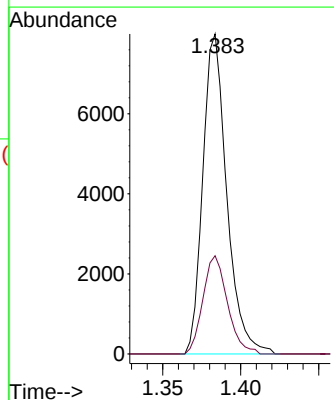
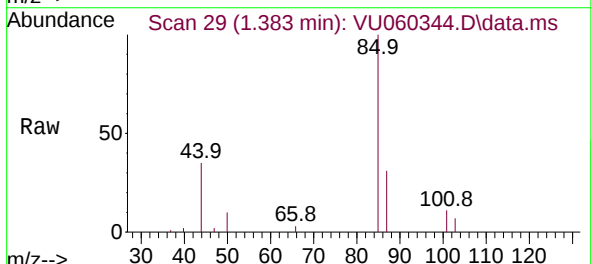
Instrument :
MSVOA_U
ClientSampleId :

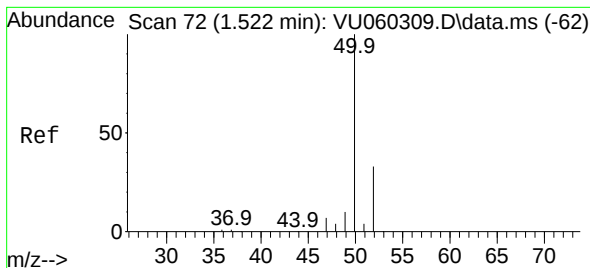
Tgt Ion: 96	Resp: 29274
Ion Ratio	Lower Upper
96	100
70	18.2 17.2 25.8
95	8.1 7.9 11.9
97	5.6 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.758 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 85	Resp: 8529
Ion Ratio	Lower Upper
85	100
87	30.7 16.3 48.9





#3

Chloromethane

Concen: 0.751 ug/l

RT: 1.519 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

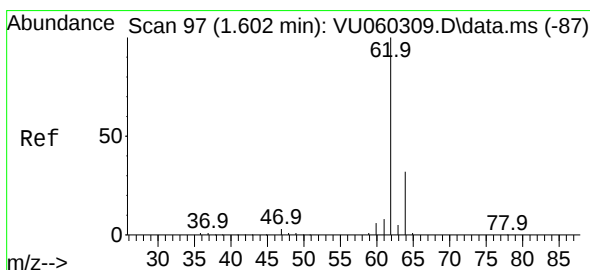
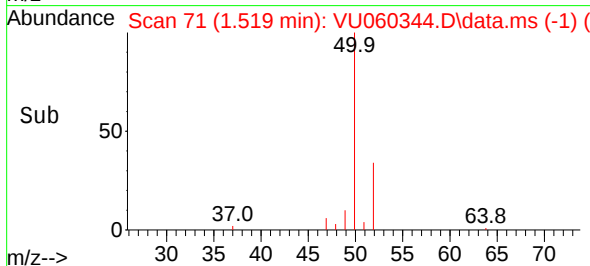
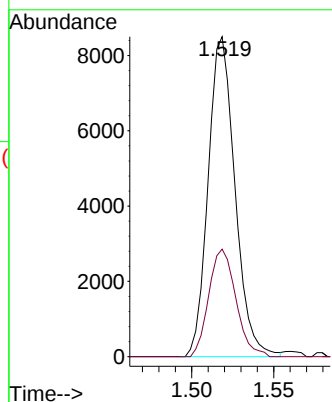
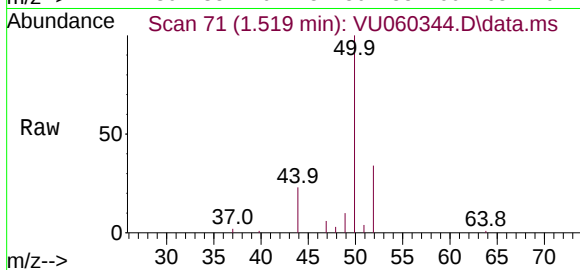
ClientSampleId :

Tgt Ion: 50 Resp: 9662

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



#4

Vinyl Chloride

Concen: 0.744 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060344.D

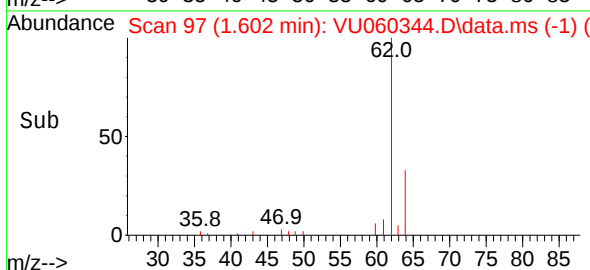
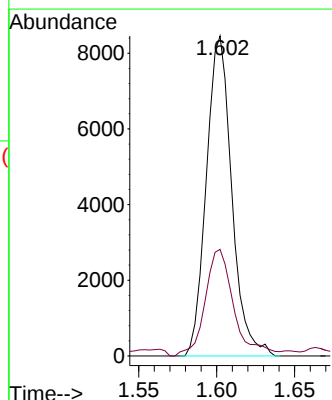
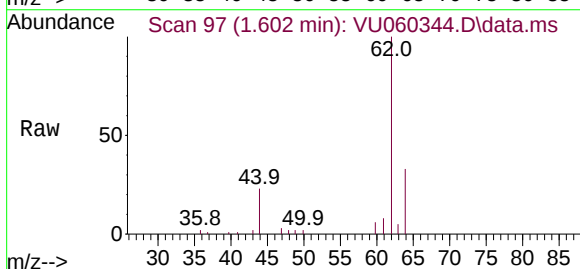
Acq: 07 Aug 2024 18:23

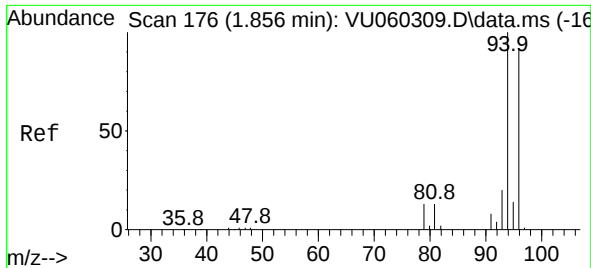
Tgt Ion: 62 Resp: 9577

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6

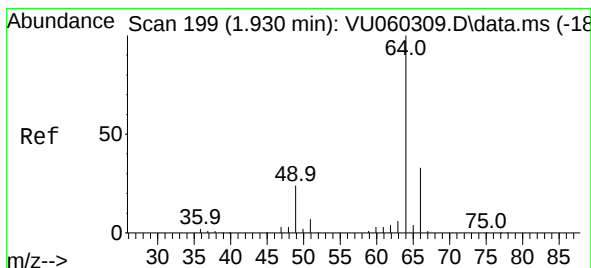
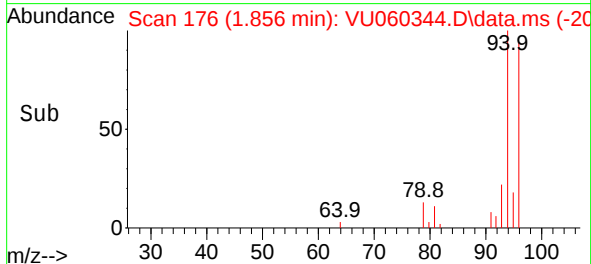
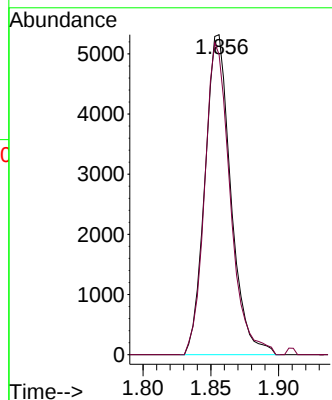
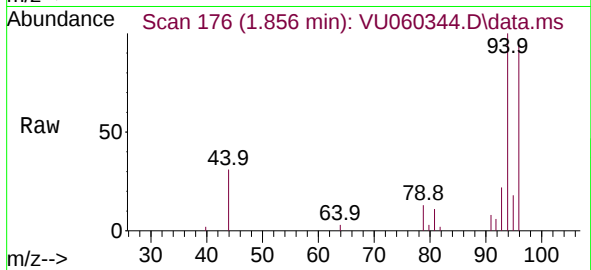




#5
Bromomethane
Concen: 0.895 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

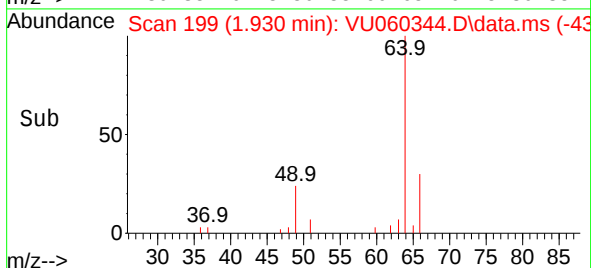
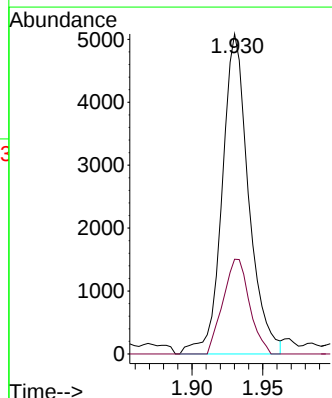
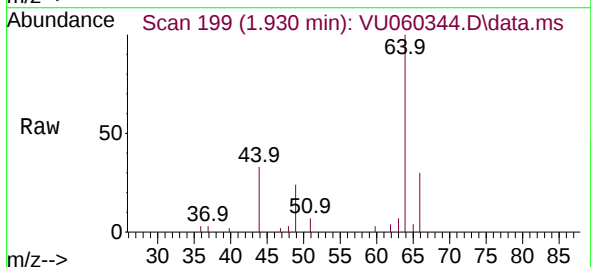
Instrument :
MSVOA_U
ClientSampleId :

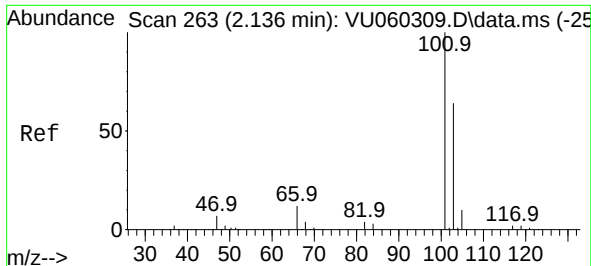
Tgt Ion: 94 Resp: 7080
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8



#6
Chloroethane
Concen: 0.849 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

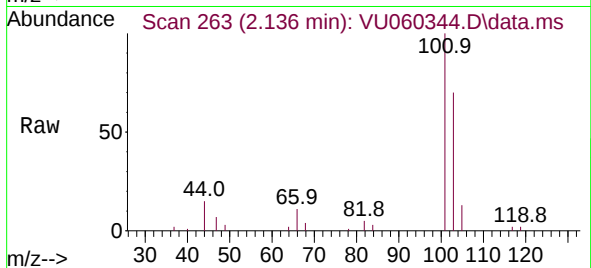
Tgt Ion: 64 Resp: 6613
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5



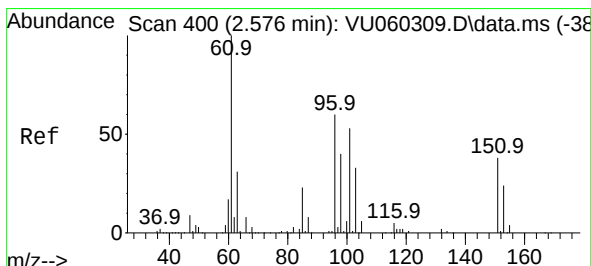
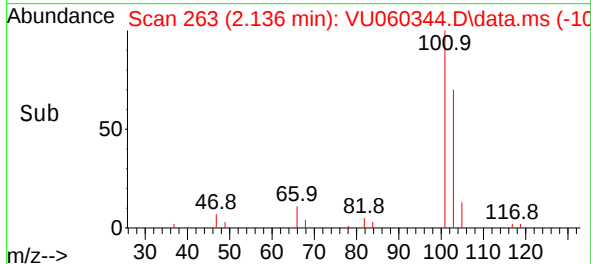
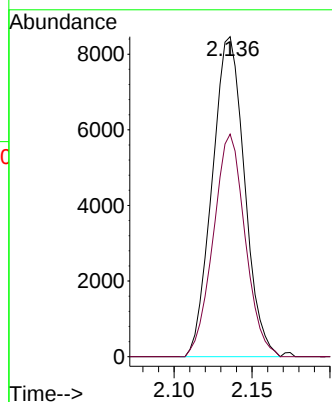


#7
 Trichlorofluoromethane
 Concen: 0.786 ug/l
 RT: 2.136 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23

Instrument :
 MSVOA_U
 ClientSampleId :

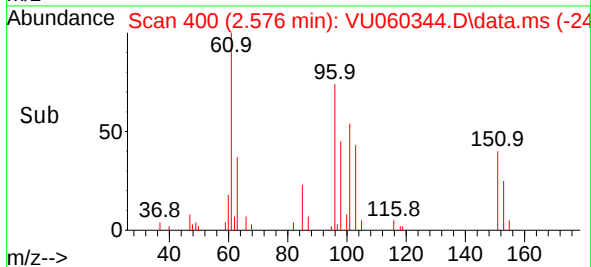
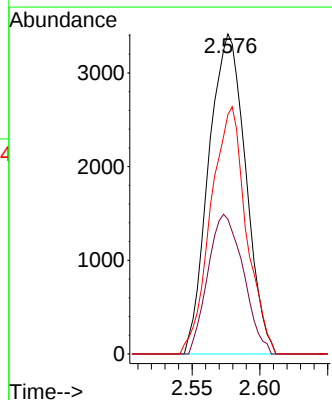
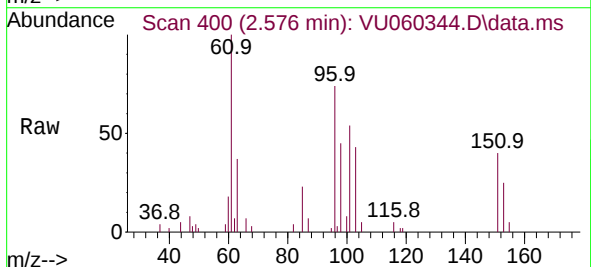


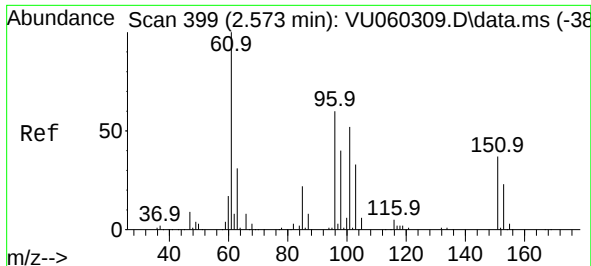
Tgt Ion:101 Resp: 12200
 Ion Ratio Lower Upper
 101 100
 103 69.5 51.0 76.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.766 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060344.D
 Acq: 07 Aug 2024 18:23

Tgt Ion:101 Resp: 6472
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.9 52.3
 151 74.2 57.2 85.8

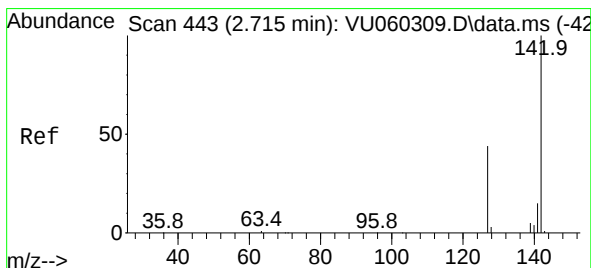
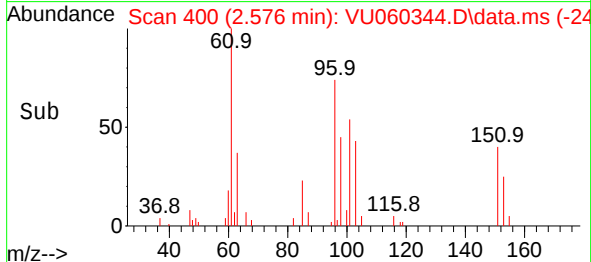
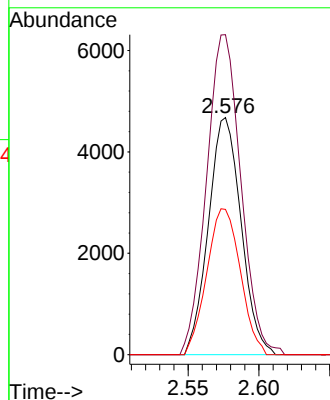
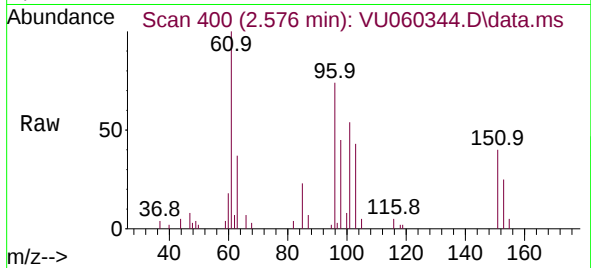




#9
1,1-Dichloroethene
Concen: 0.858 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

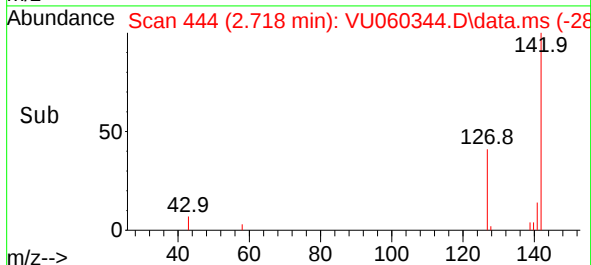
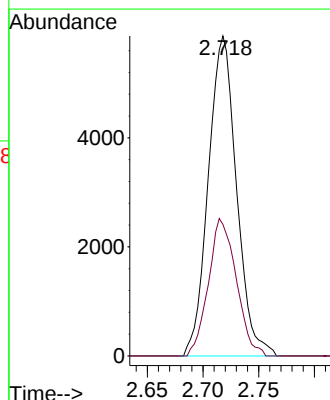
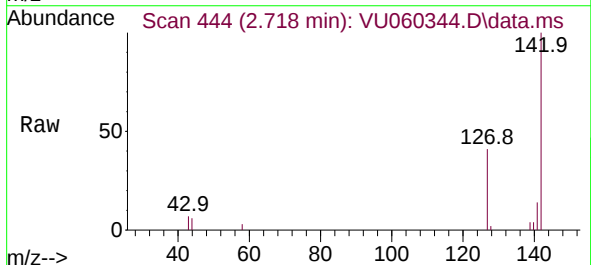
Instrument :
MSVOA_U
ClientSampleId :

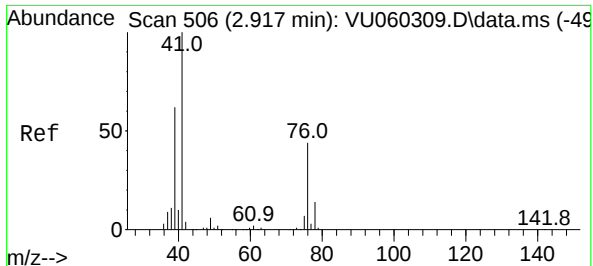
Tgt Ion: 96 Resp: 7510
Ion Ratio Lower Upper
96 100
61 130.1 0.0 495.9
98 59.1 0.0 131.6



#10
Iodomethane
Concen: 0.798 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 142 Resp: 10348
Ion Ratio Lower Upper
142 100
127 42.4 35.5 53.3





#11

Allyl Chloride

Concen: 0.674 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

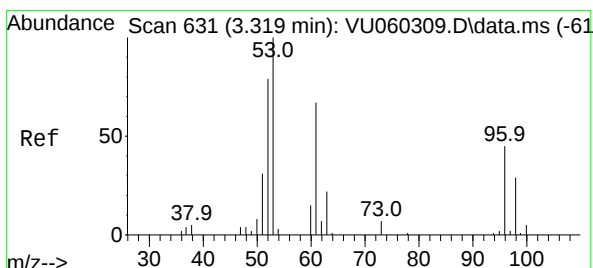
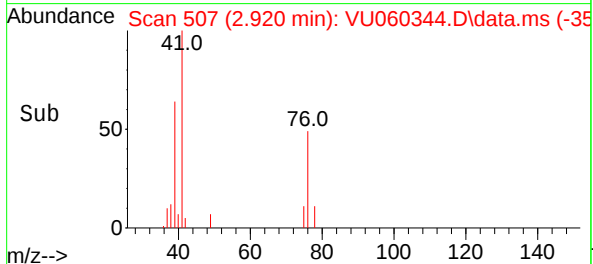
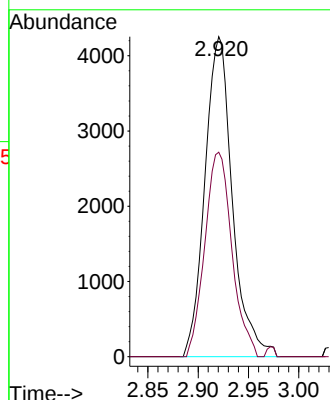
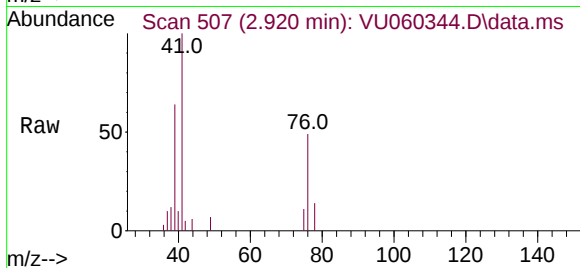
ClientSampleId :

Tgt Ion: 41 Resp: 8088

Ion Ratio Lower Upper

41 100

39 62.9 50.0 75.0



#12

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.342 min Scan# 638

Delta R.T. 0.023 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

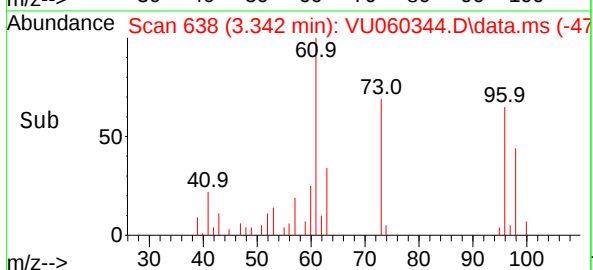
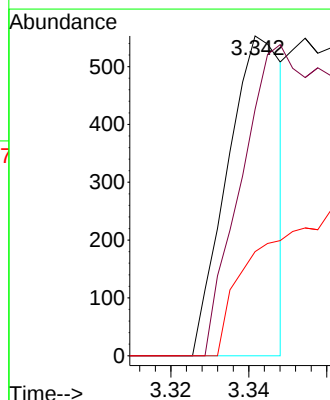
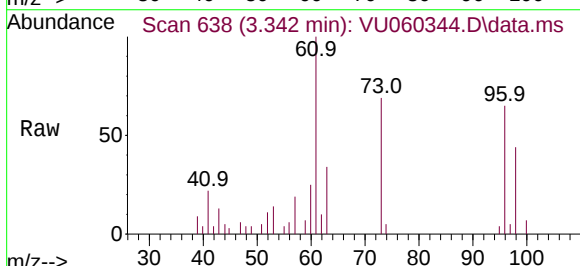
Tgt Ion: 53 Resp: 532

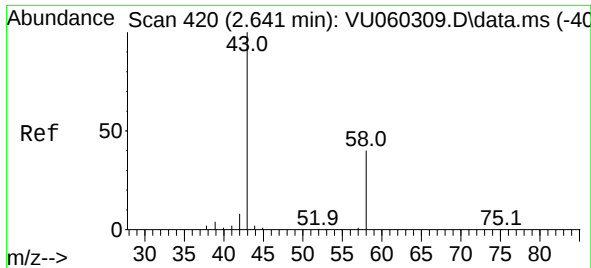
Ion Ratio Lower Upper

53 100

52 243.6 63.7 95.5#

51 116.7 28.2 42.4#





#13

Acetone

Concen: 1.635 ug/l

RT: 2.657 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

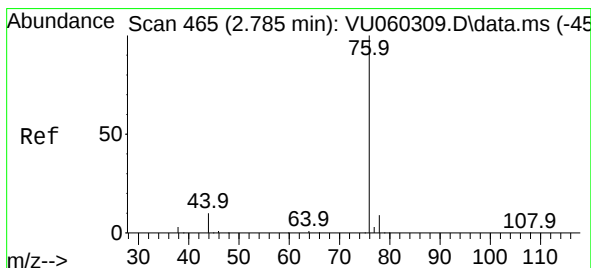
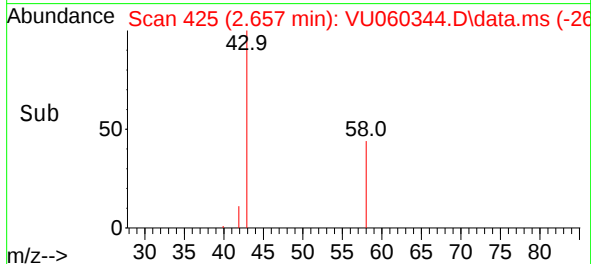
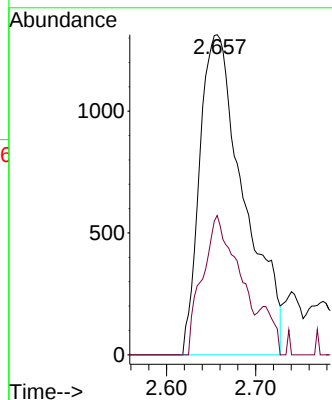
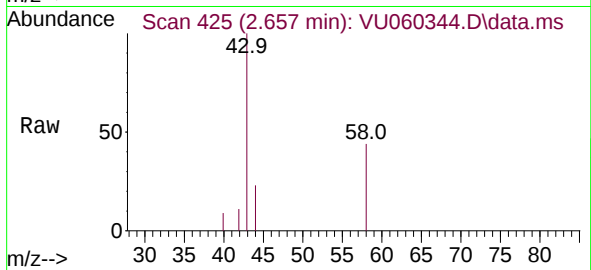
ClientSampleId :

Tgt Ion: 43 Resp: 4540

Ion Ratio Lower Upper

43 100

58 43.5 31.8 47.8



#14

Carbon Disulfide

Concen: 0.736 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060344.D

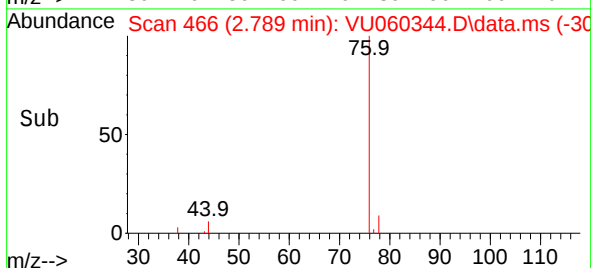
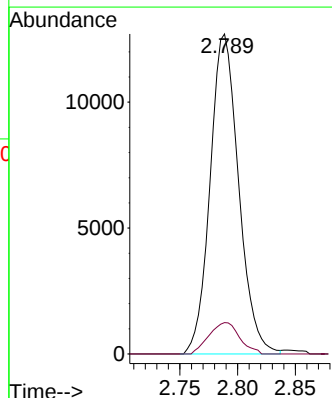
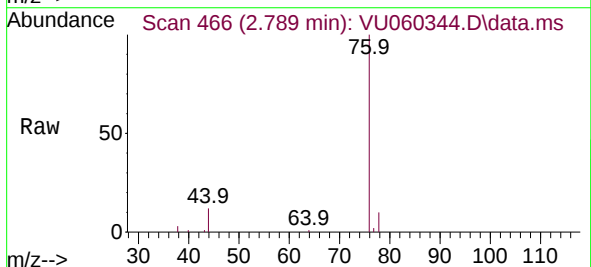
Acq: 07 Aug 2024 18:23

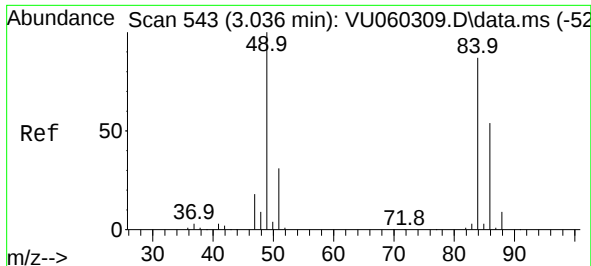
Tgt Ion: 76 Resp: 21849

Ion Ratio Lower Upper

76 100

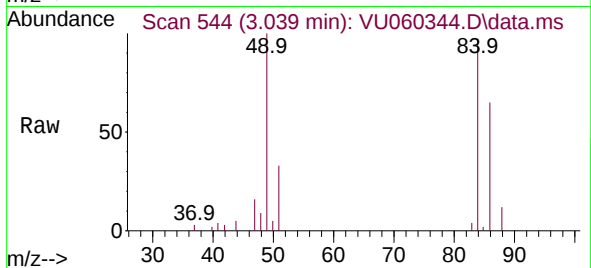
78 9.8 7.4 11.0



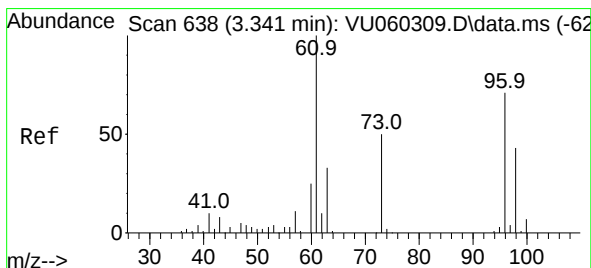
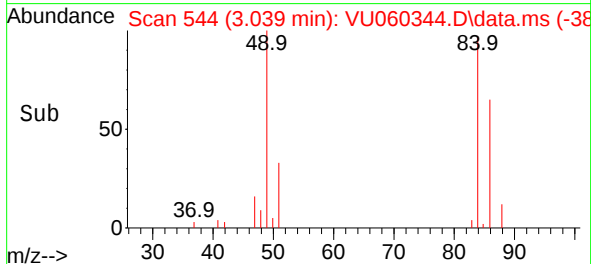
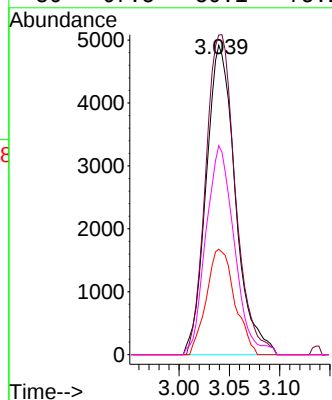


#15
Methylene Chloride
Concen: 0.907 ug/l
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :

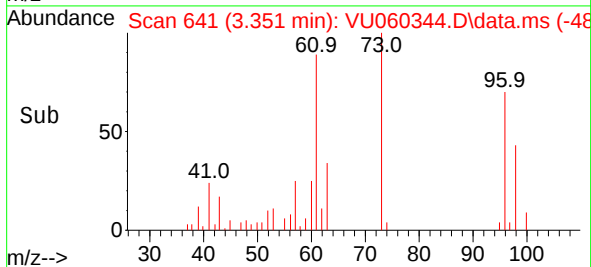
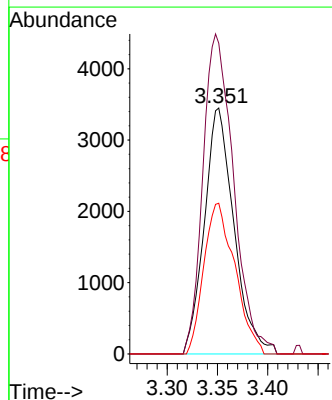
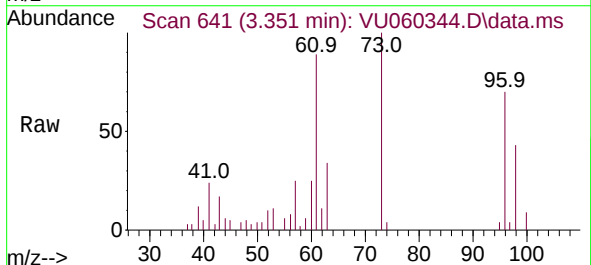


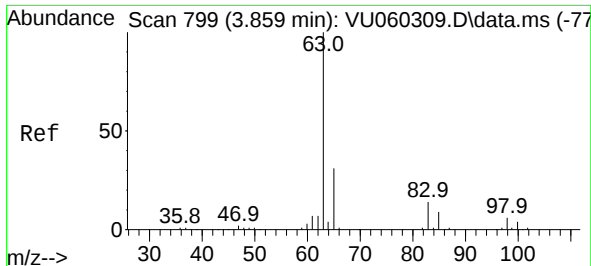
Tgt Ion: 84	Resp: 9935
Ion Ratio	Lower Upper
84 100	
49 103.3	92.1 138.1
51 34.1	0.0 72.4
86 67.5	50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 0.754 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 96	Resp: 7071
Ion Ratio	Lower Upper
96 100	
61 126.4	112.8 169.2
98 61.3	48.7 73.1

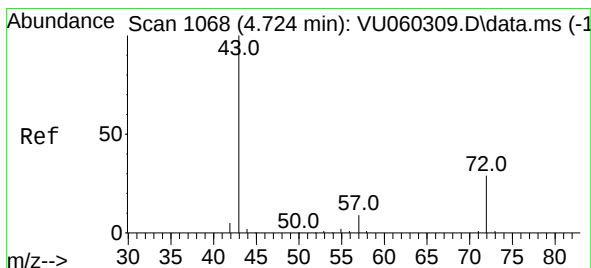
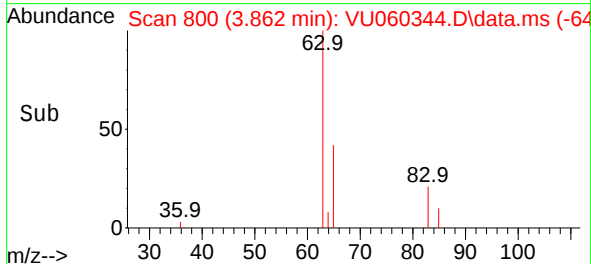
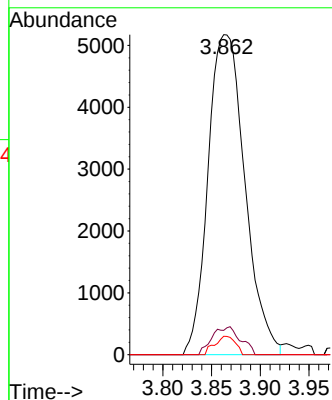
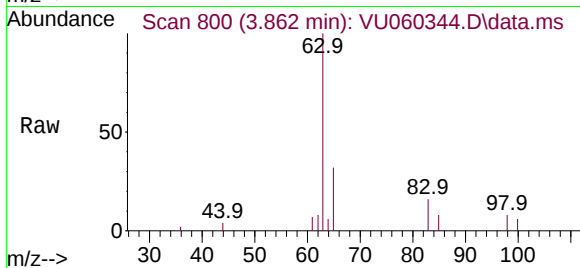




#17
1,1-Dichloroethane
Concen: 0.754 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

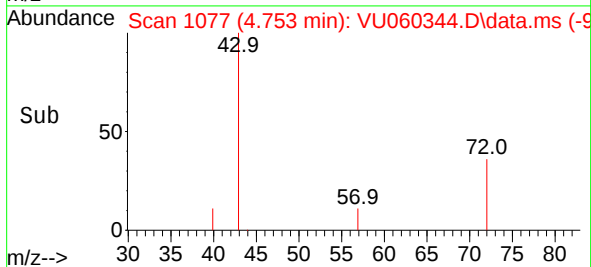
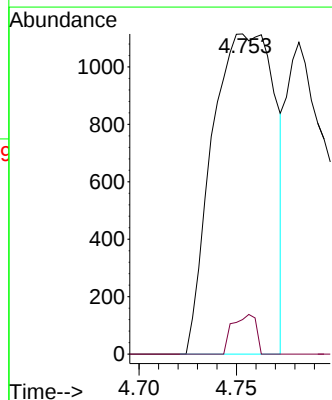
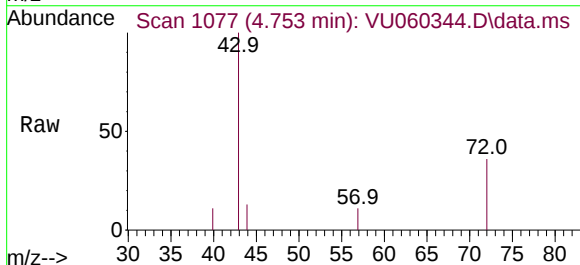
Instrument :
MSVOA_U
ClientSampleId :

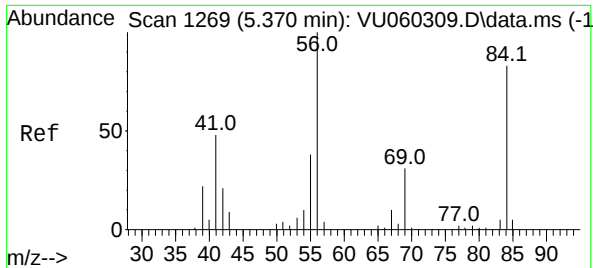
Tgt Ion: 63 Resp: 13602
Ion Ratio Lower Upper
63 100
98 7.6 3.1 9.4
100 5.8 2.0 5.8



#18
2-Butanone
Concen: 0.778 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.029 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
57 10.8 0.0 18.4





#19

Cyclohexane

Concen: 0.489 ug/l

RT: 5.377 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

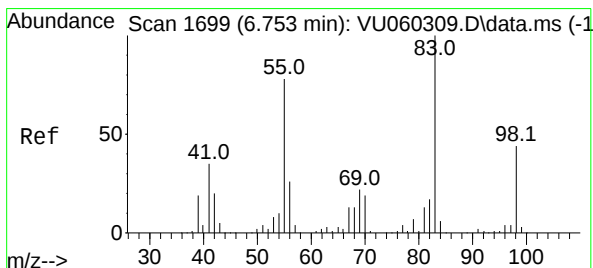
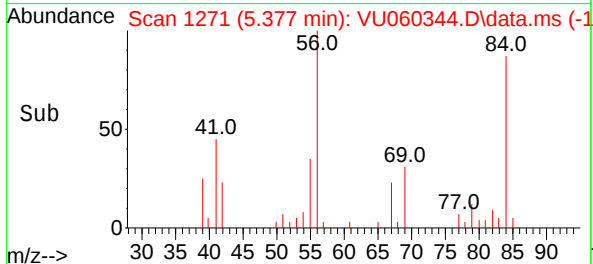
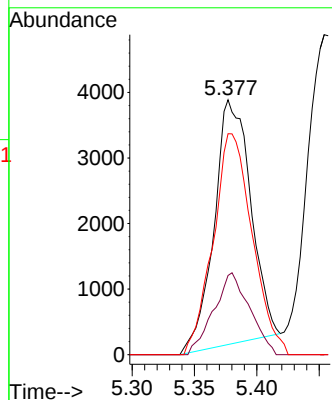
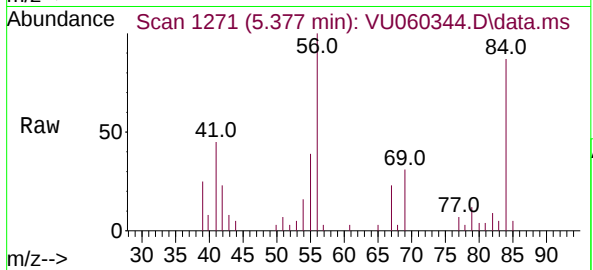
Tgt Ion: 56 Resp: 7599

Ion Ratio Lower Upper

56 100

69 33.0 24.2 36.2

84 96.8 63.9 95.9#



#20

Methylcyclohexane

Concen: 0.655 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

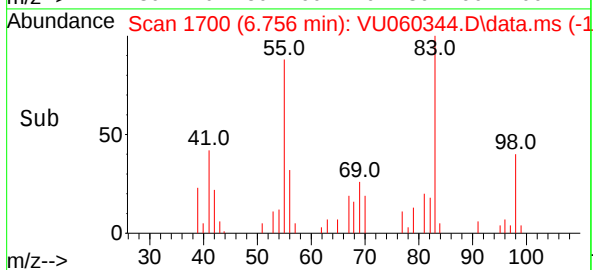
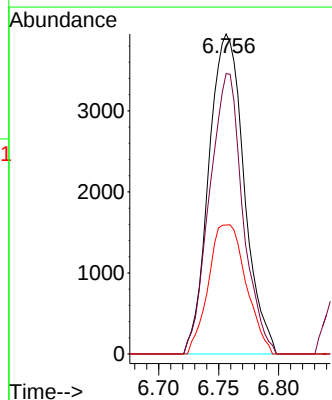
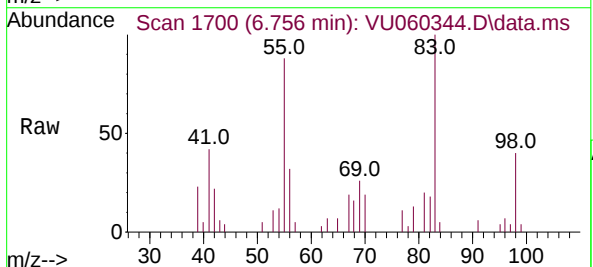
Tgt Ion: 83 Resp: 8077

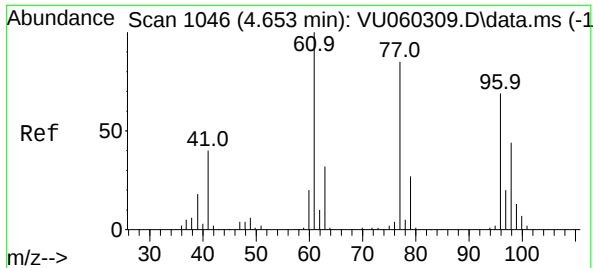
Ion Ratio Lower Upper

83 100

55 82.8 62.2 93.2

98 42.9 36.1 54.1

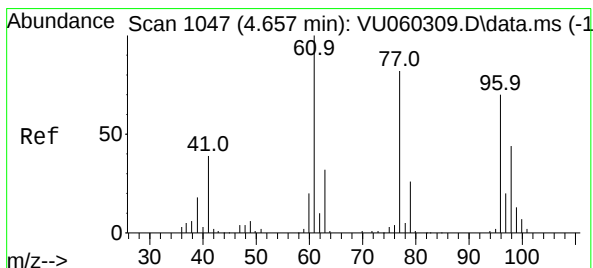
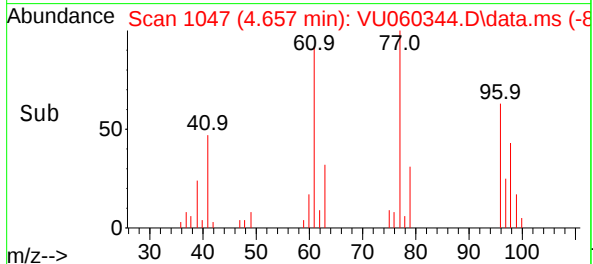
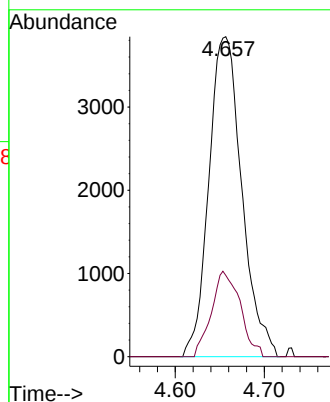
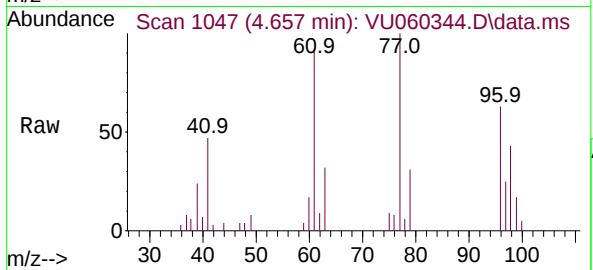




#21
2,2-Dichloropropane
Concen: 0.703 ug/l
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

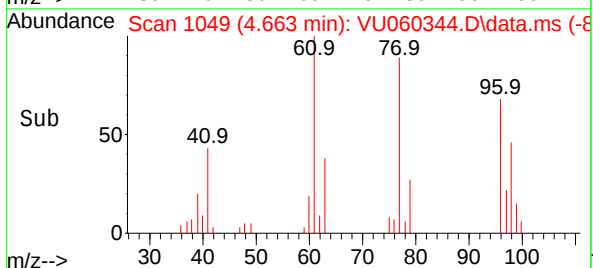
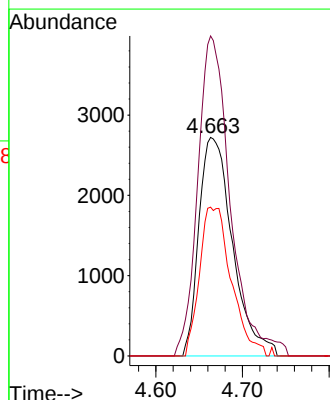
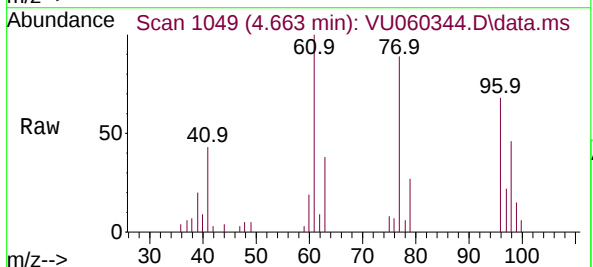
Instrument :
MSVOA_U
ClientSampleId :

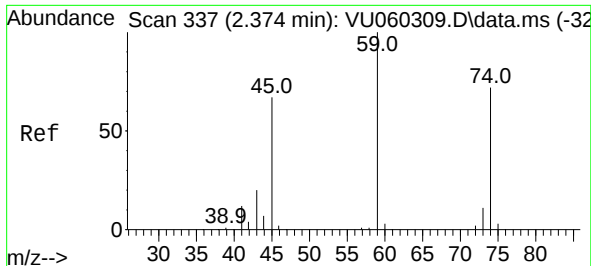
Tgt Ion: 77 Resp: 9864
Ion Ratio Lower Upper
77 100
97 23.4 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 0.731 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

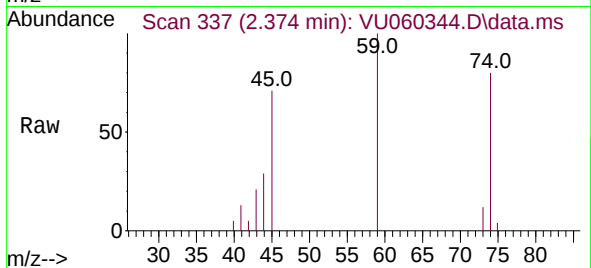
Tgt Ion: 96 Resp: 7348
Ion Ratio Lower Upper
96 100
61 142.0 0.0 372.8
98 64.2 31.8 95.4



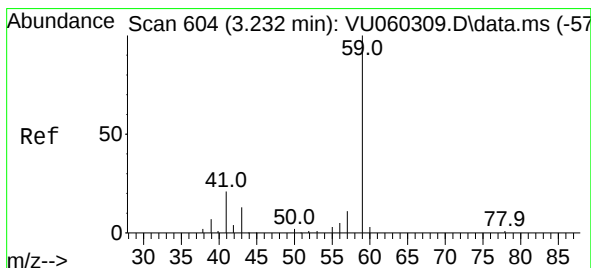
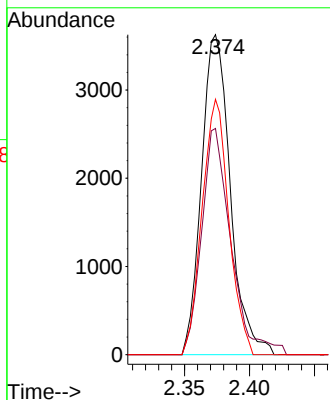
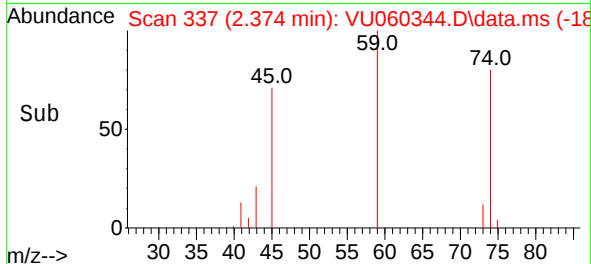


#23
Diethyl Ether
Concen: 0.786 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :

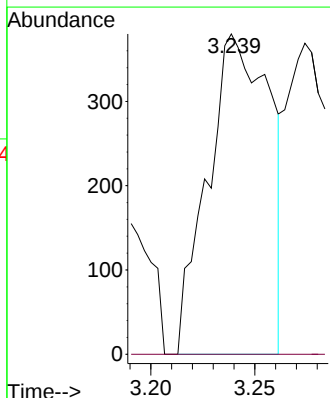
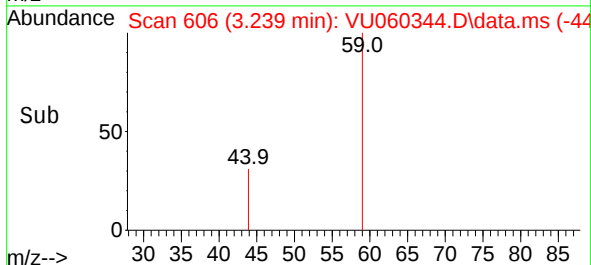
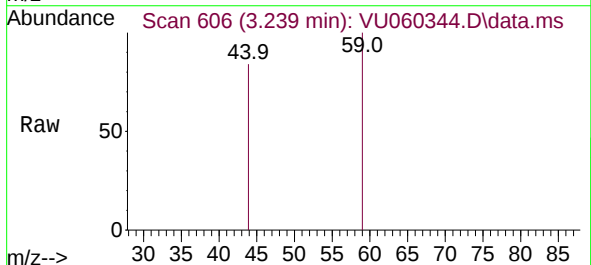


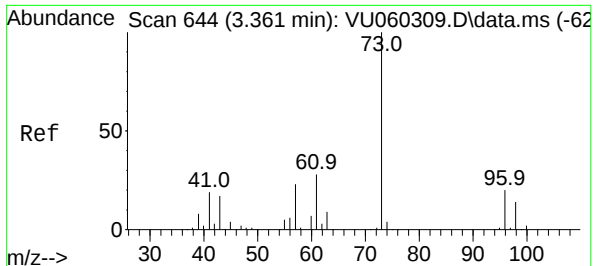
Tgt Ion: 59 Resp: 5592
Ion Ratio Lower Upper
59 100
45 71.8 55.8 83.6
74 73.7 59.2 88.8



#24
tert-Butyl Alcohol
Concen: 0.885 ug/l
RT: 3.239 min Scan# 606
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 59 Resp: 786
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#





#25

Methyl tert-Butyl Ether

Concen: 0.610 ug/l

RT: 3.358 min Scan# 644

Delta R.T. -0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

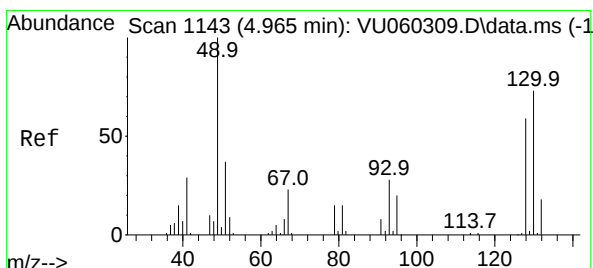
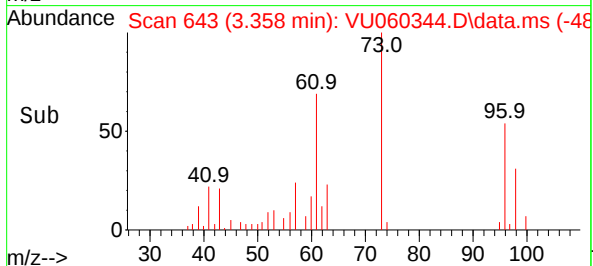
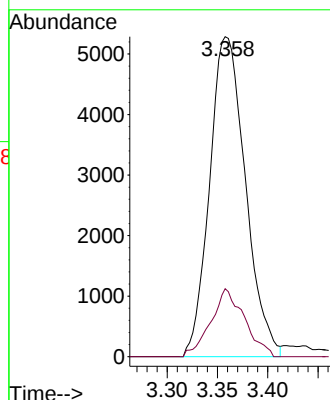
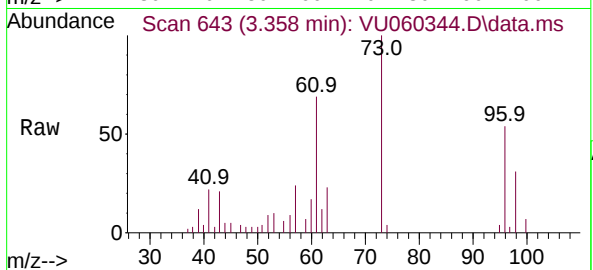
ClientSampleId :

Tgt Ion: 73 Resp: 13096

Ion Ratio Lower Upper

73 100

43 20.0 14.1 21.1



#26

Bromochloromethane

Concen: 0.868 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

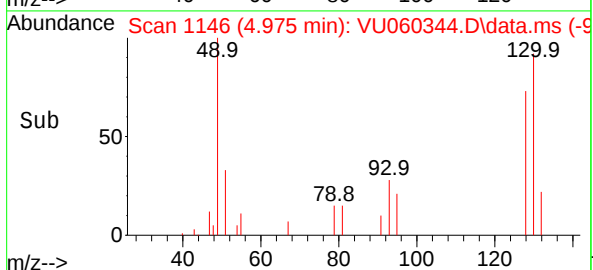
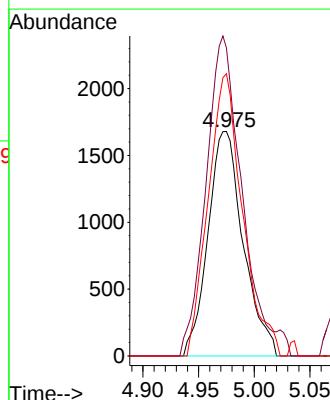
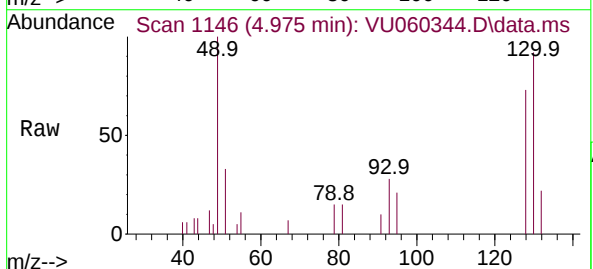
Tgt Ion: 128 Resp: 3692

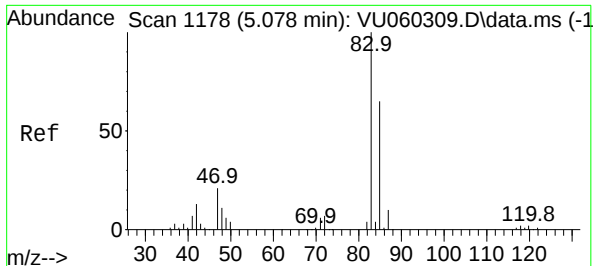
Ion Ratio Lower Upper

128 100

49 146.6 0.0 340.8

130 122.6 102.1 153.1





#27

Chloroform

Concen: 0.836 ug/l

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

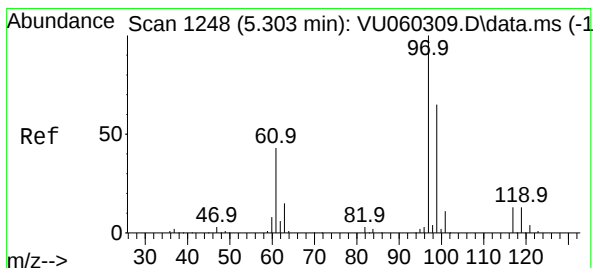
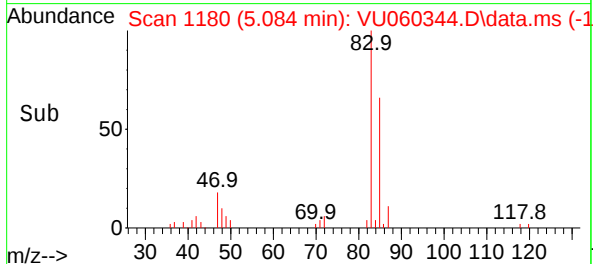
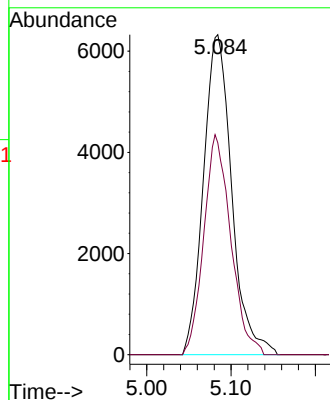
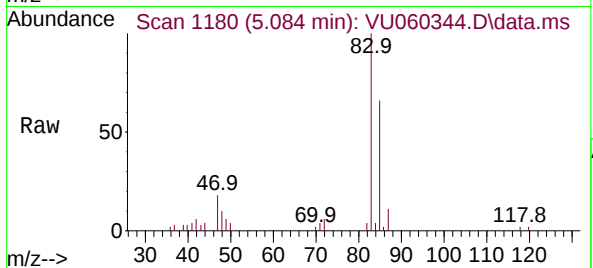
ClientSampleId :

Tgt Ion: 83 Resp: 14743

Ion Ratio Lower Upper

83 100

85 66.2 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 0.790 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.007 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

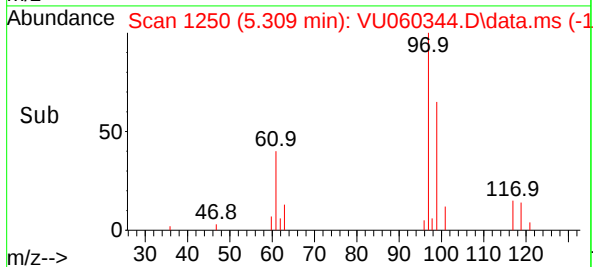
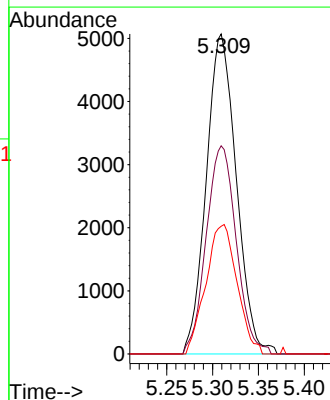
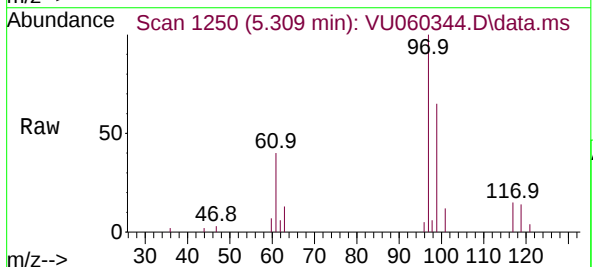
Tgt Ion: 97 Resp: 11580

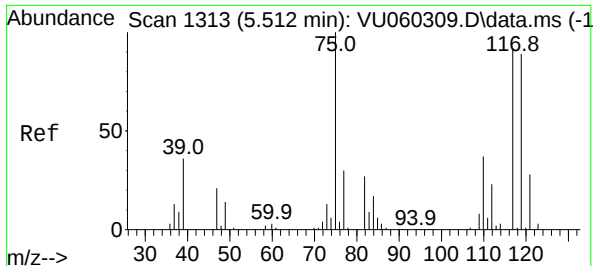
Ion Ratio Lower Upper

97 100

99 65.0 32.8 98.4

61 42.0 22.3 66.9

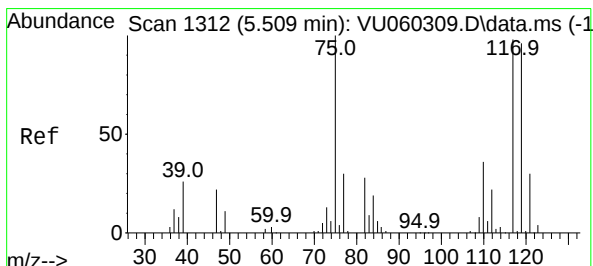
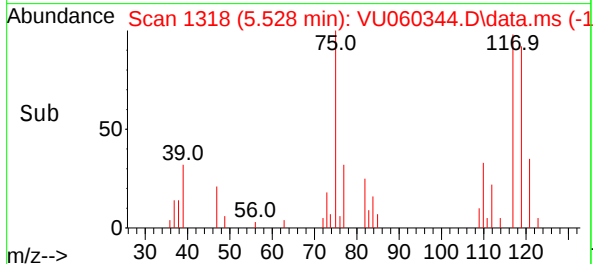
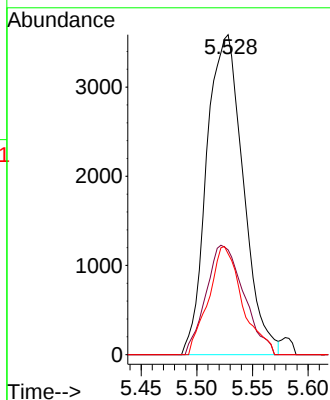
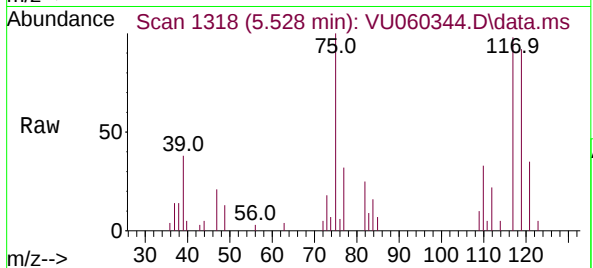




#29
1,1-Dichloropropene
Concen: 0.696 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.016 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

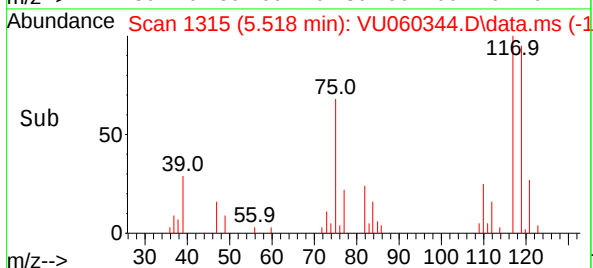
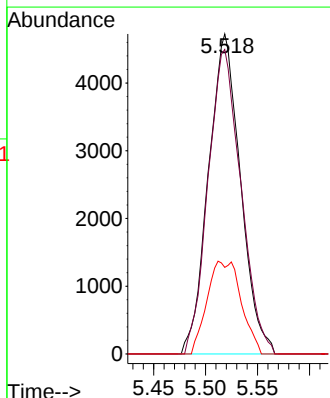
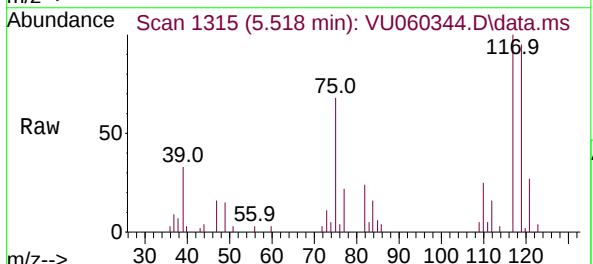
Instrument :
MSVOA_U
ClientSampleId :

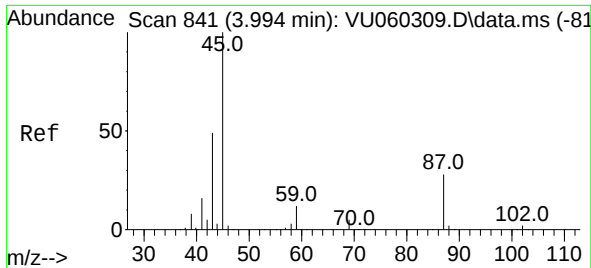
Tgt Ion: 75 Resp: 8172
Ion Ratio Lower Upper
75 100
110 35.5 18.4 55.2
77 31.3 24.8 37.2



#30
Carbon Tetrachloride
Concen: 0.848 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 117 Resp: 10129
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.6
121 27.0 24.2 36.2

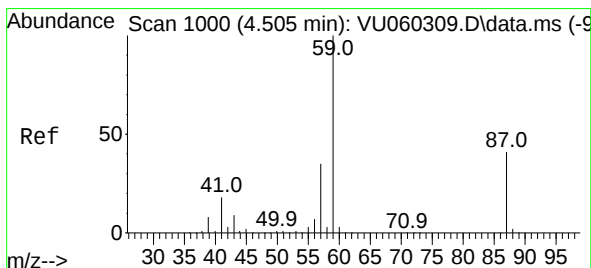
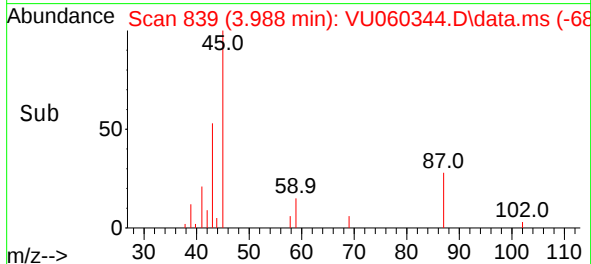
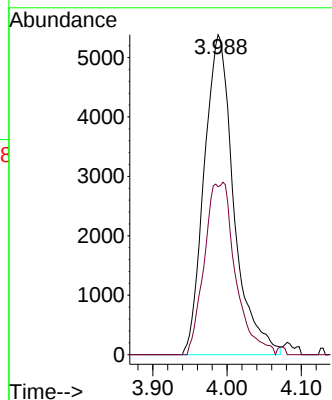
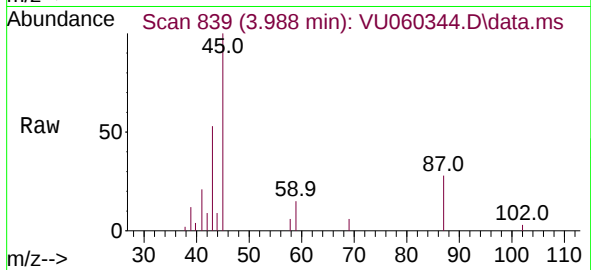




#31
Isopropyl Ether
Concen: 0.567 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.006 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

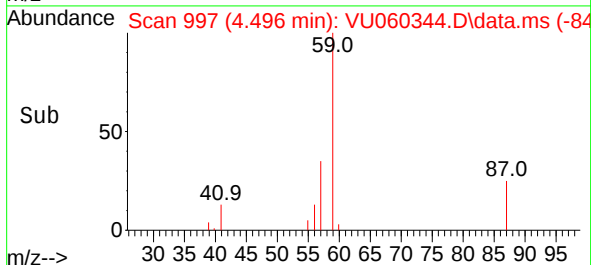
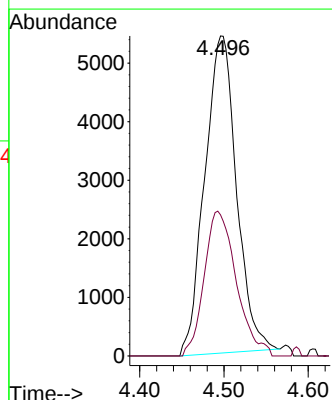
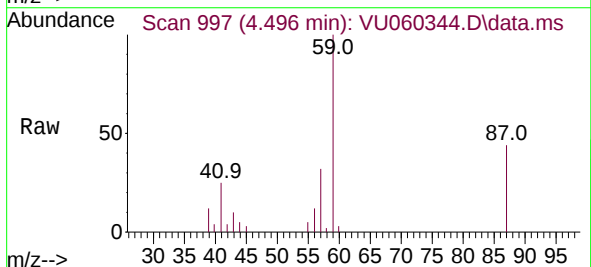
Instrument :
MSVOA_U
ClientSampleId :

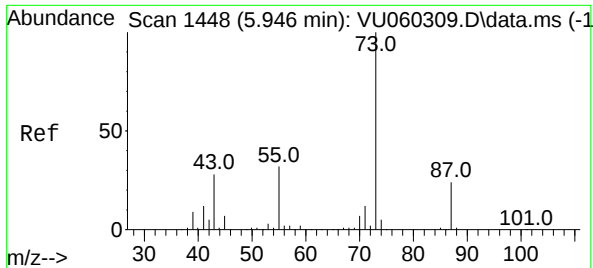
Tgt Ion: 45 Resp: 14935
Ion Ratio Lower Upper
45 100
43 26.5 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 0.556 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

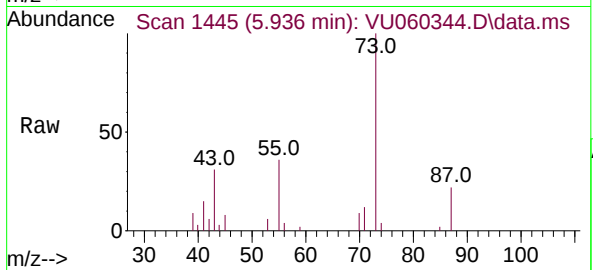
Tgt Ion: 59 Resp: 14172
Ion Ratio Lower Upper
59 100
87 46.2 32.6 49.0





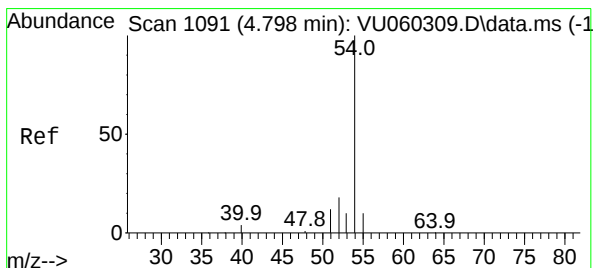
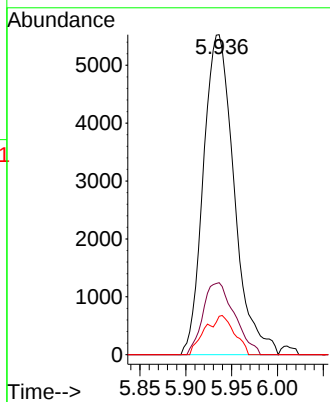
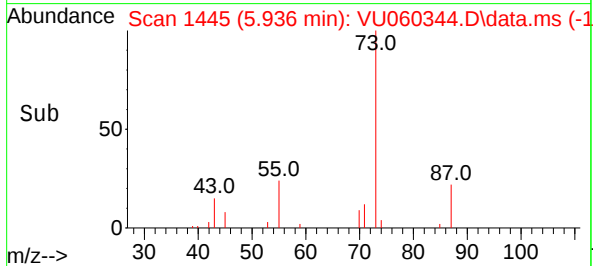
#33
Tert-Amyl methyl ether
Concen: 0.713 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :

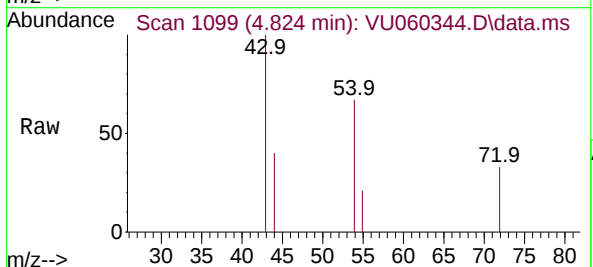


Tgt Ion: 73 Resp: 12892

Ion	Ratio	Lower	Upper
73	100		
87	23.1	19.6	29.4
71	11.7	9.5	14.3

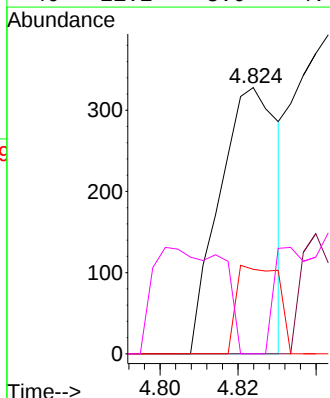
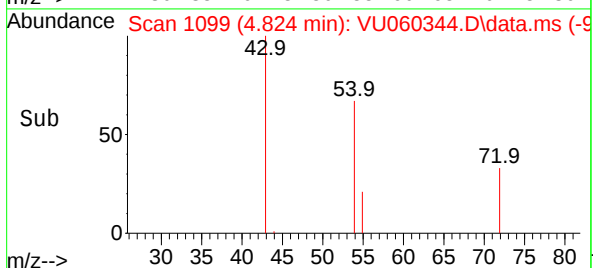


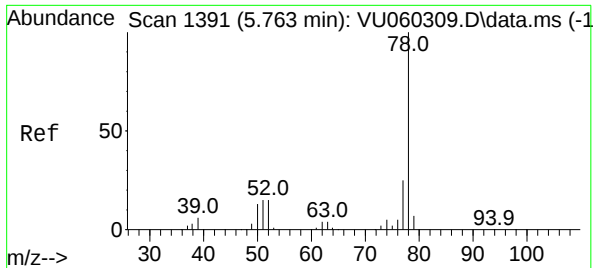
#34
Propionitrile
Concen: 0.370 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.026 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23



Tgt Ion: 54 Resp: 339

Ion	Ratio	Lower	Upper
54	100		
52	0.0	16.4	24.6#
55	23.9	5.2	7.8#
40	21.2	3.0	4.4#

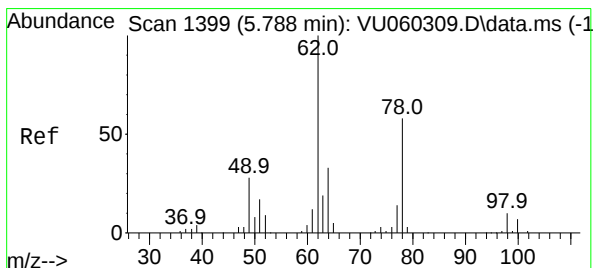
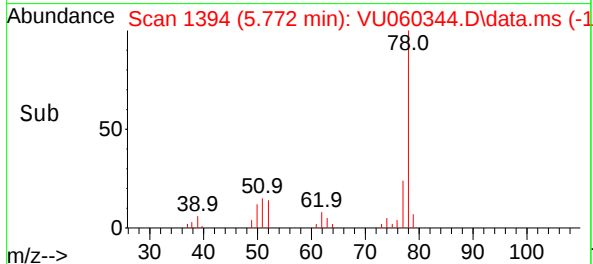
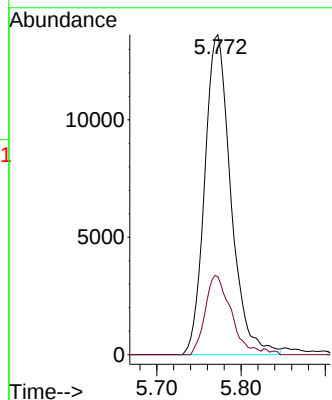
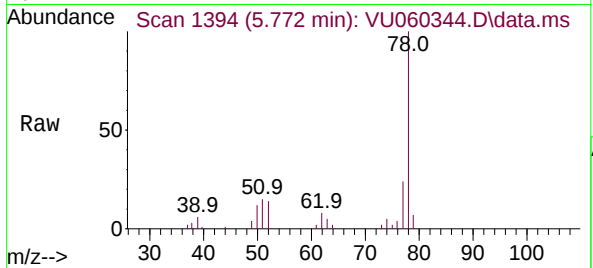




#35
Benzene
Concen: 0.814 ug/l
RT: 5.772 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

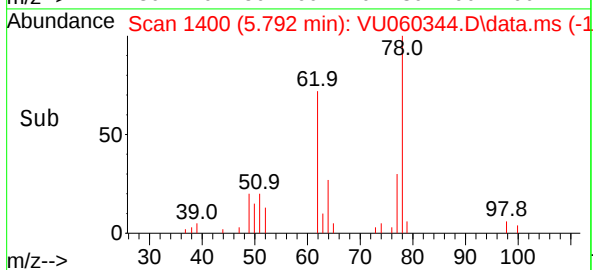
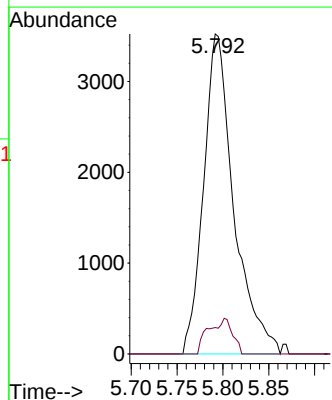
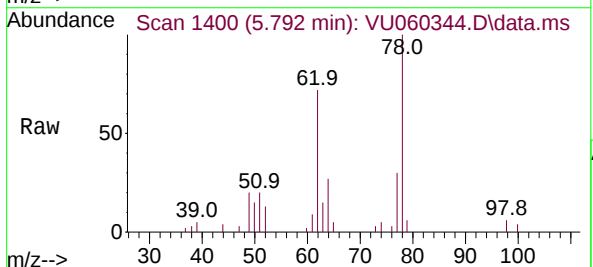
Instrument :
MSVOA_U
ClientSampleId :

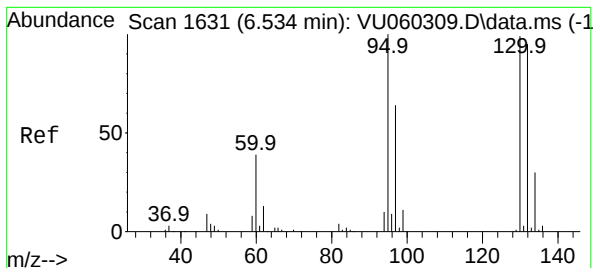
Tgt Ion: 78 Resp: 29453
Ion Ratio Lower Upper
78 100
77 24.4 20.2 30.2



#36
1,2-Dichloroethane
Concen: 0.802 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 62 Resp: 8062
Ion Ratio Lower Upper
62 100
98 8.8 8.1 12.1





#37

Trichloroethene

Concen: 0.846 ug/l

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

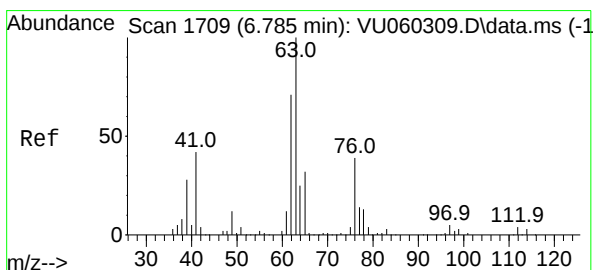
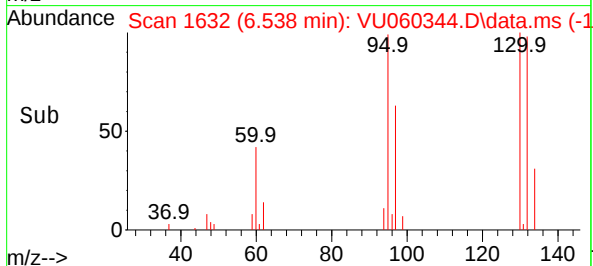
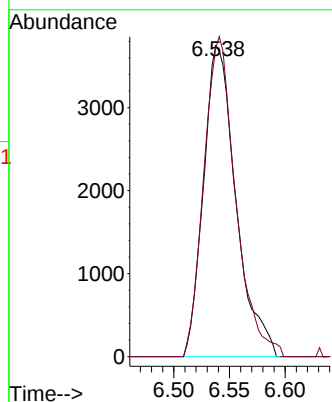
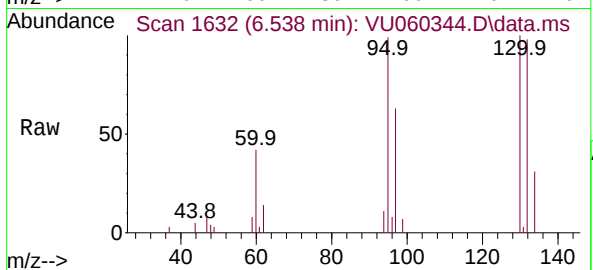
ClientSampleId :

Tgt Ion:130 Resp: 7578

Ion Ratio Lower Upper

130 100

95 99.1 80.6 121.0



#38

1,2-Dichloropropane

Concen: 0.806 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU060344.D

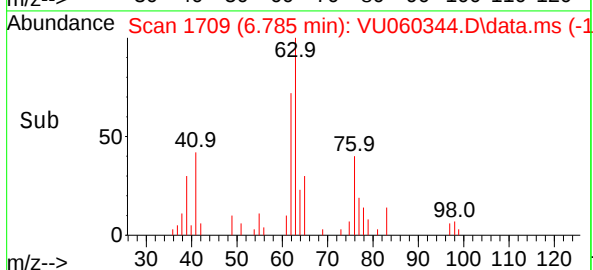
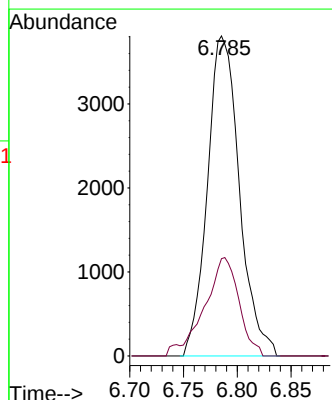
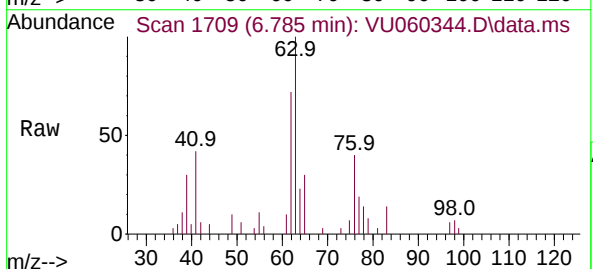
Acq: 07 Aug 2024 18:23

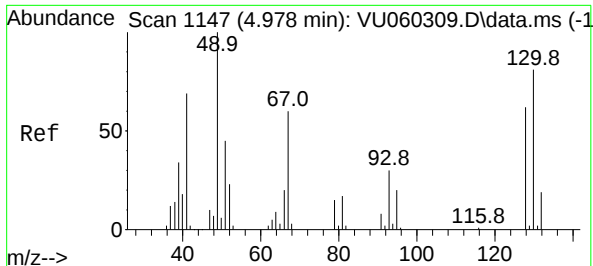
Tgt Ion: 63 Resp: 7886

Ion Ratio Lower Upper

63 100

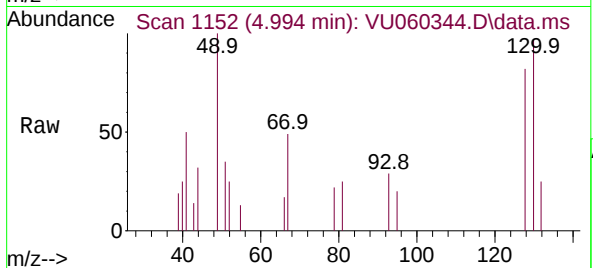
65 30.4 25.6 38.4





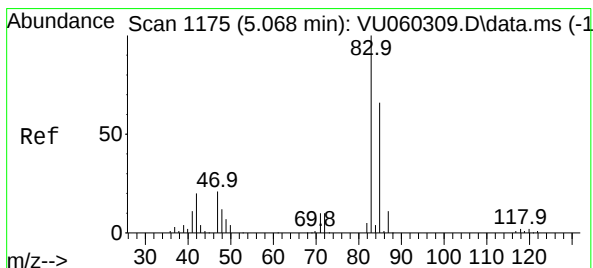
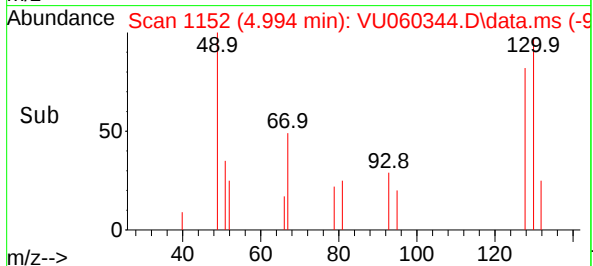
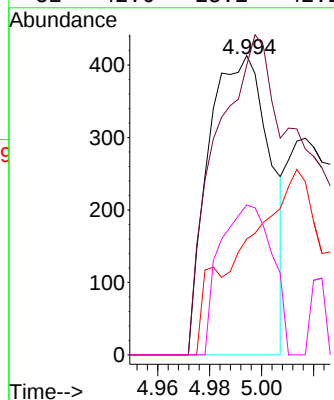
#39
Methacrylonitrile
Concen: 0.205 ug/l
RT: 4.994 min Scan# 1152
Delta R.T. 0.016 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 41 Resp: 679

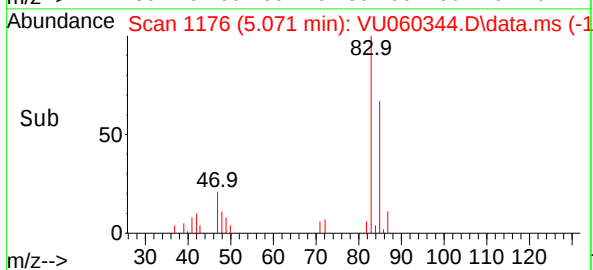
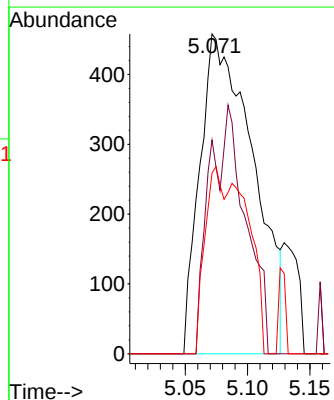
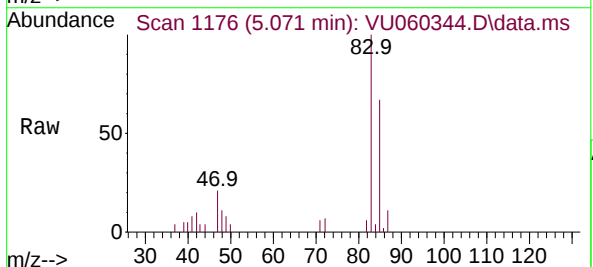
Ion	Ratio	Lower	Upper
41	100		
67	179.5	67.4	101.0#
39	9.7	41.7	62.5#
52	42.6	28.1	42.1#

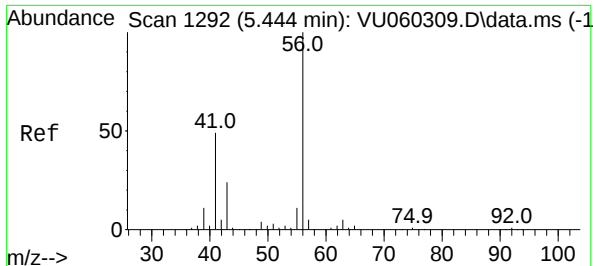


#41
Tetrahydrofuran
Concen: 0.752 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 42 Resp: 1359

Ion	Ratio	Lower	Upper
42	100		
72	19.4	40.6	60.8#
71	20.8	38.0	57.0#





#42

1-Chlorobutane

Concen: 0.691 ug/l

RT: 5.454 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

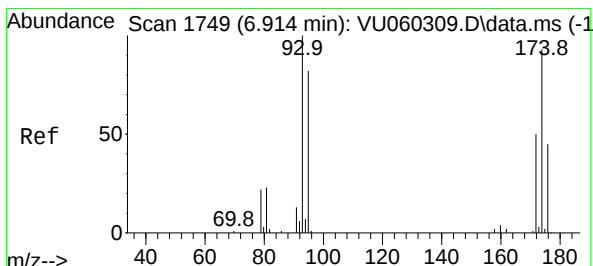
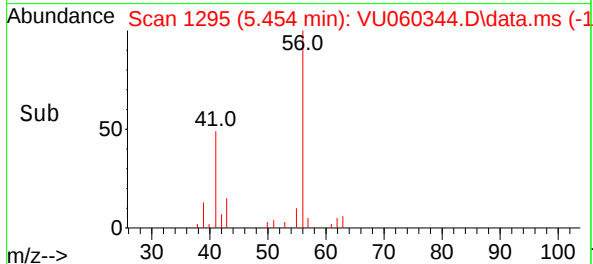
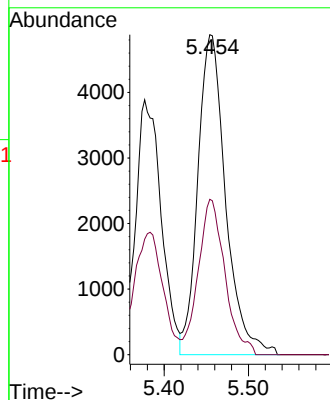
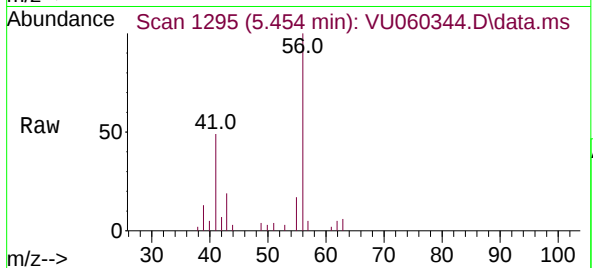
ClientSampleId :

Tgt Ion: 56 Resp: 11193

Ion Ratio Lower Upper

56 100

41 46.7 23.8 71.5



#43

Dibromomethane

Concen: 0.796 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

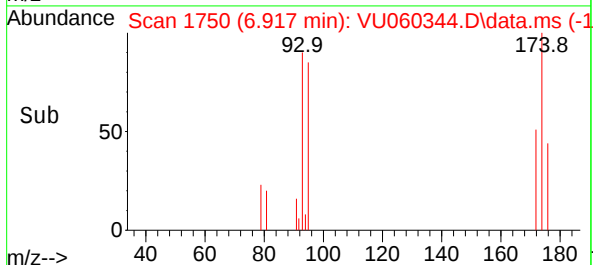
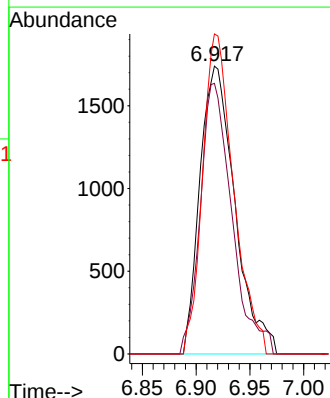
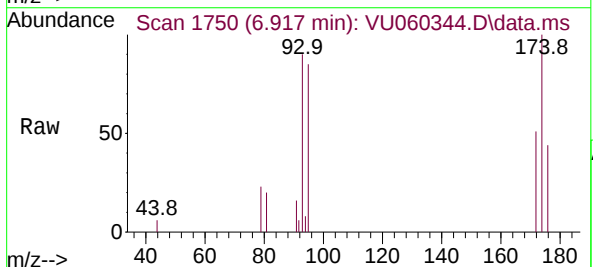
Tgt Ion: 93 Resp: 3940

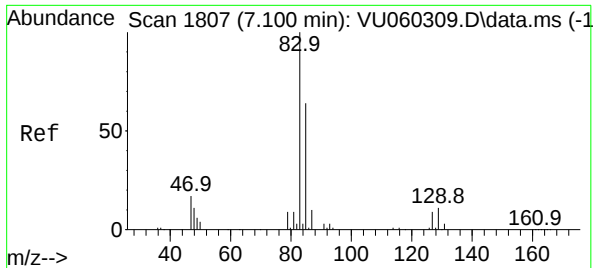
Ion Ratio Lower Upper

93 100

95 84.7 66.4 99.6

174 98.6 75.2 112.8

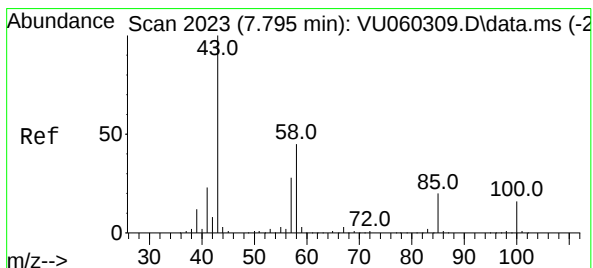
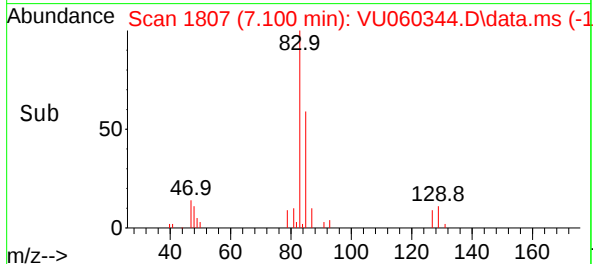
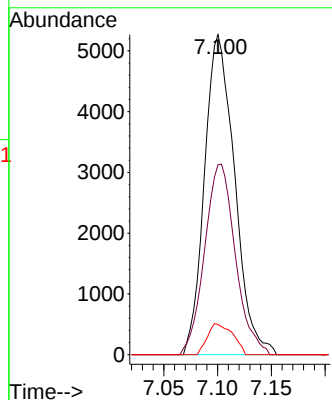
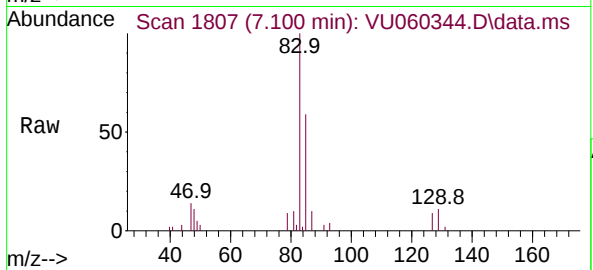




#44
Bromodichloromethane
Concen: 0.862 ug/l
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

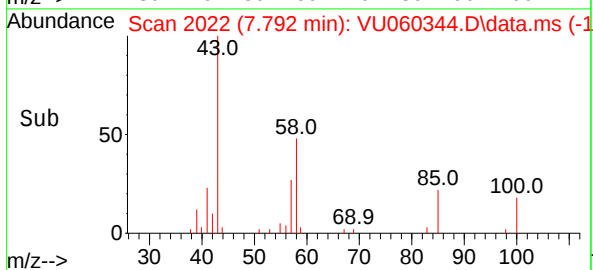
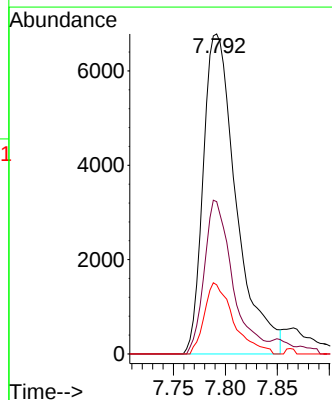
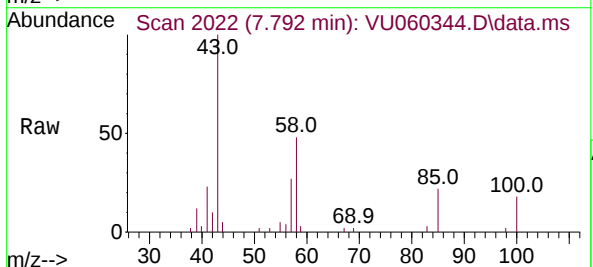
Instrument :
MSVOA_U
ClientSampleId :

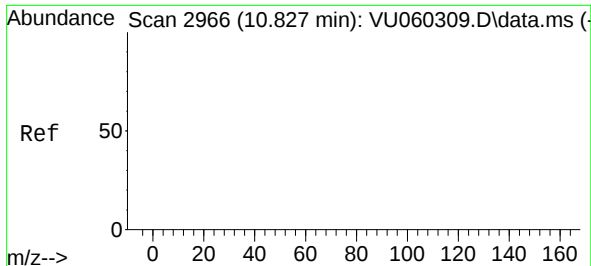
Tgt Ion: 83	Resp: 10252
Ion Ratio	Lower Upper
83 100	
85 59.3	51.3 76.9
127 9.5	6.8 10.2



#45
4-Methyl-2-Pentanone
Concen: 3.225 ug/l
RT: 7.792 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 43	Resp: 14993
Ion Ratio	Lower Upper
43 100	
58 41.1	22.3 66.9
85 19.6	16.0 24.0





#46

t-1,4-Dichloro-2-butene

Concen: 3.007 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

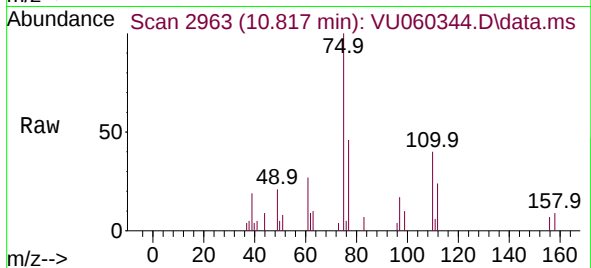
Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7833

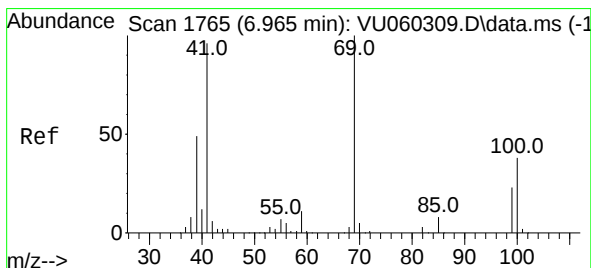
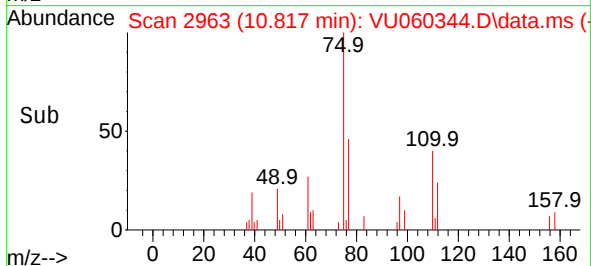
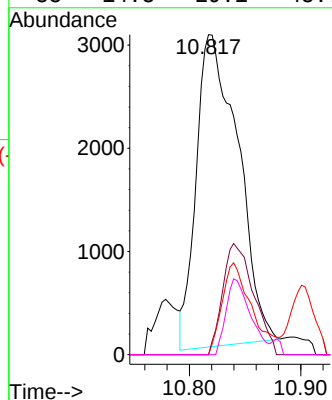
Ion Ratio Lower Upper

75 100

53 26.5 57.2 85.8#

89 20.9 40.4 60.6#

88 14.3 29.1 43.7#



#47

Methyl methacrylate

Concen: 1.281 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Tgt Ion: 69 Resp: 5148

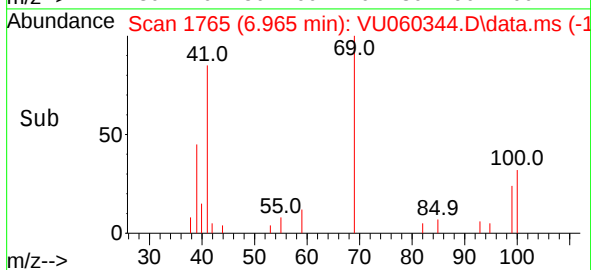
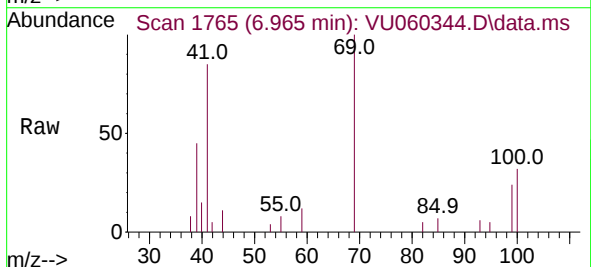
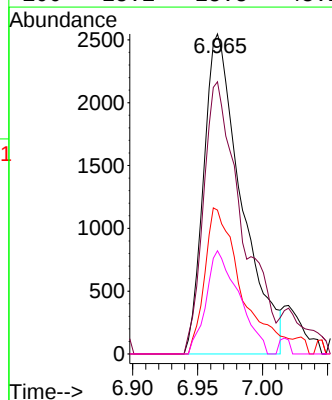
Ion Ratio Lower Upper

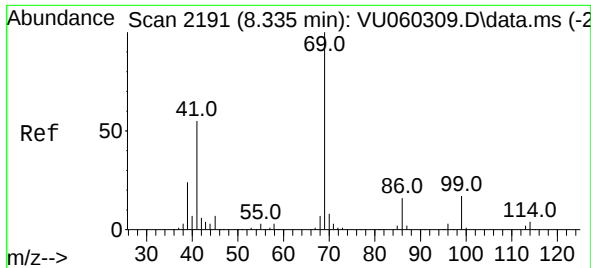
69 100

41 86.5 0.0 194.0

39 44.9 38.0 57.0

100 28.1 28.8 43.2#





#48

Ethyl methacrylate

Concen: 0.673 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

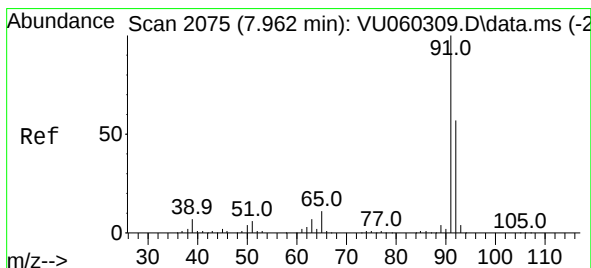
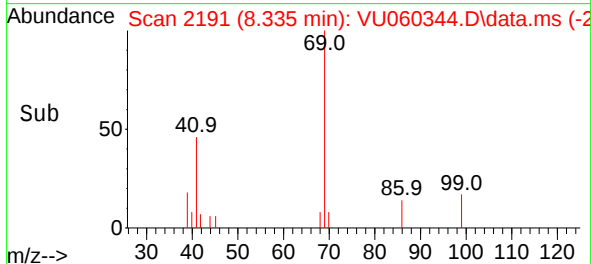
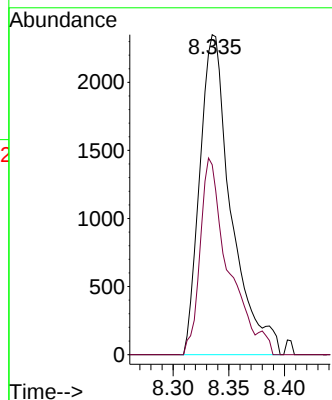
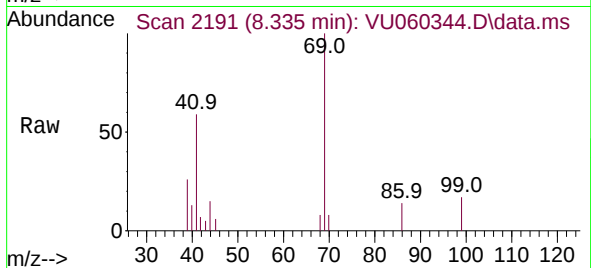
ClientSampleId :

Tgt Ion: 69 Resp: 4590

Ion Ratio Lower Upper

69 100

41 55.8 27.5 82.5



#49

Toluene

Concen: 0.767 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.007 min

Lab File: VU060344.D

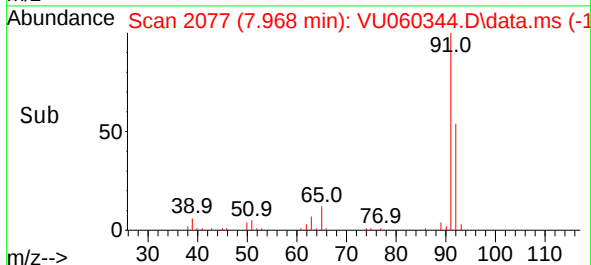
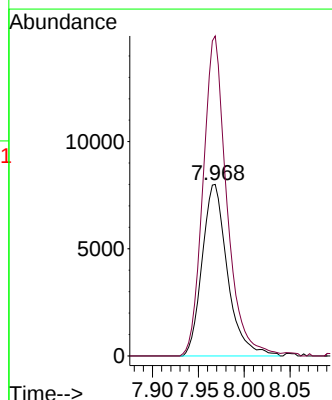
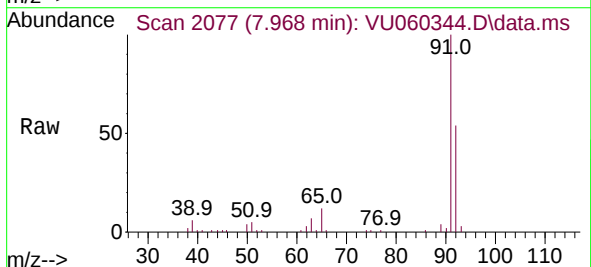
Acq: 07 Aug 2024 18:23

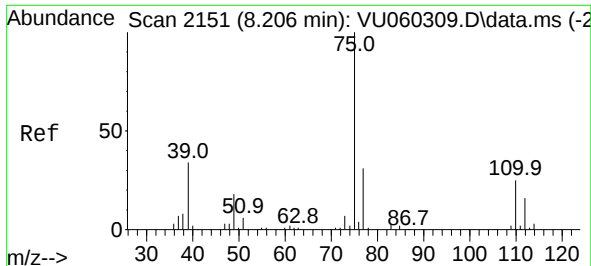
Tgt Ion: 92 Resp: 15391

Ion Ratio Lower Upper

92 100

91 175.2 141.0 211.4

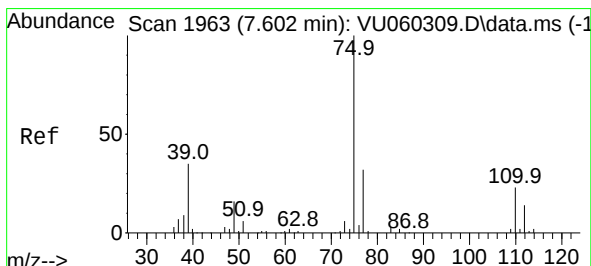
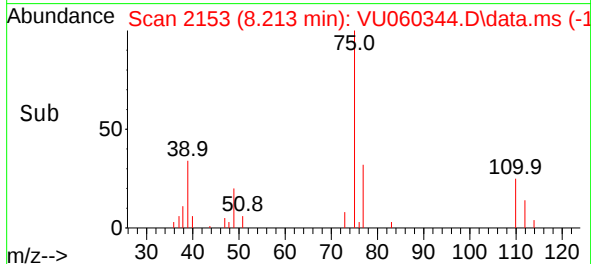
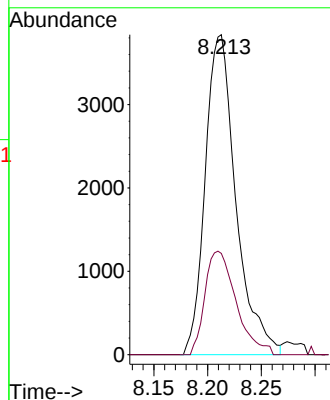
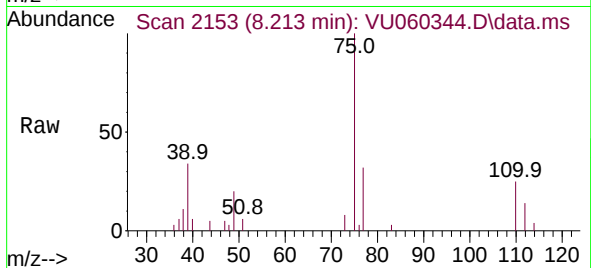




#50
t-1,3-Dichloropropene
Concen: 0.777 ug/l
RT: 8.213 min Scan# 2151
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

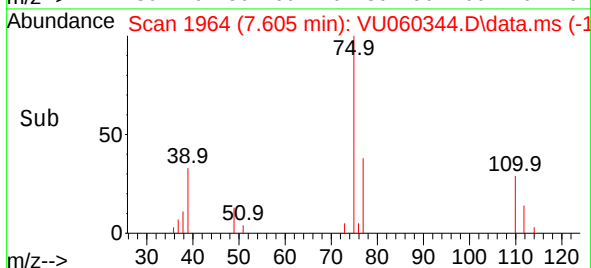
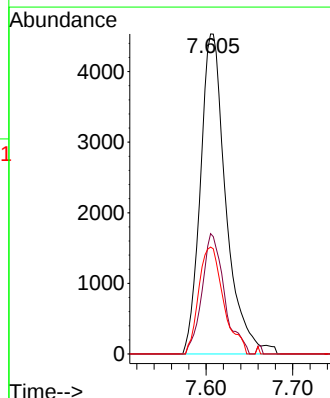
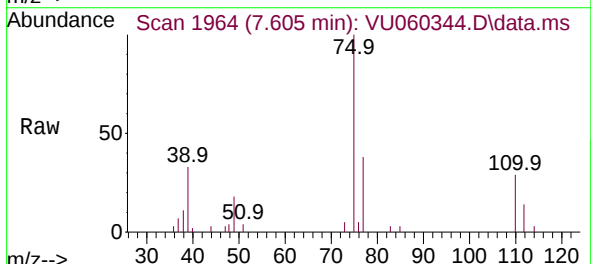
Instrument :
MSVOA_U
ClientSampleId :

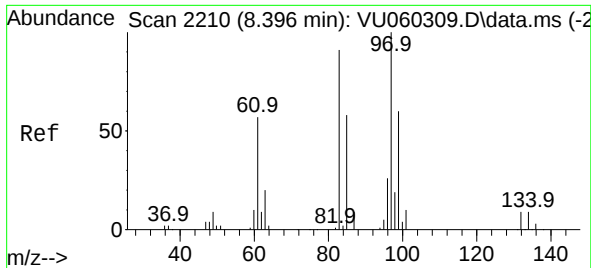
Tgt Ion: 75 Resp: 7630
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0



#51
cis-1,3-Dichloropropene
Concen: 0.785 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 75 Resp: 9267
Ion Ratio Lower Upper
75 100
77 37.6 25.4 38.0
39 33.4 28.0 42.0

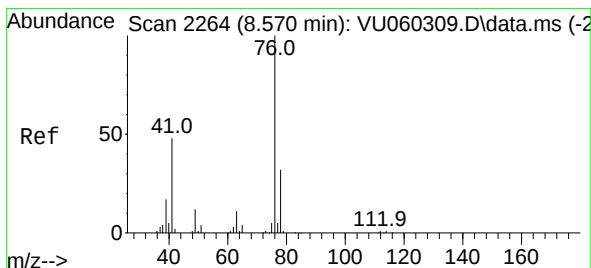
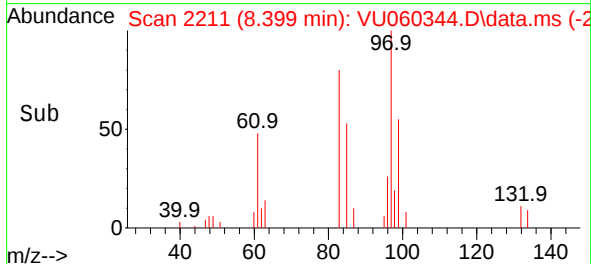
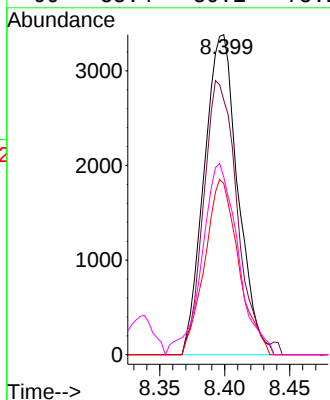
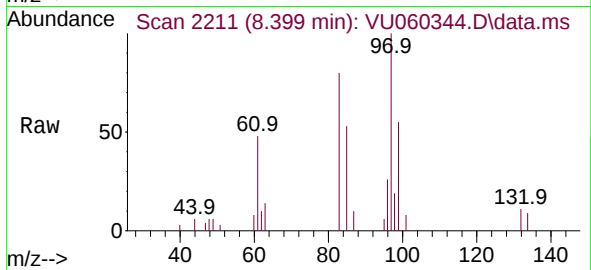




#52
1,1,2-Trichloroethane
Concen: 0.842 ug/l
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

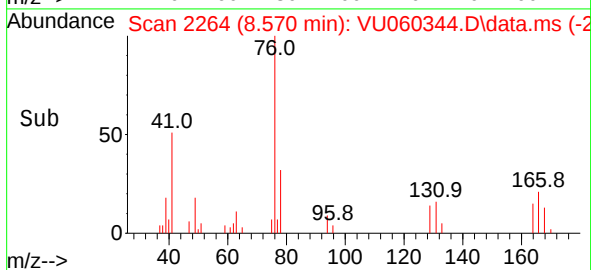
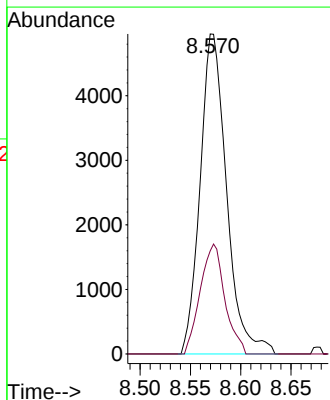
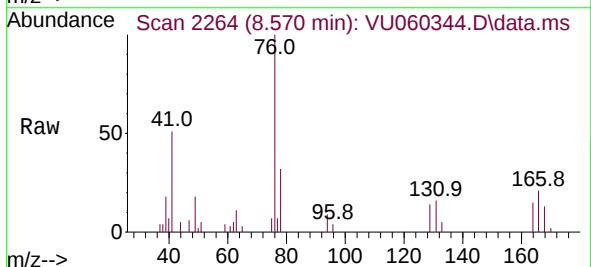
Instrument :
MSVOA_U
ClientSampleId :

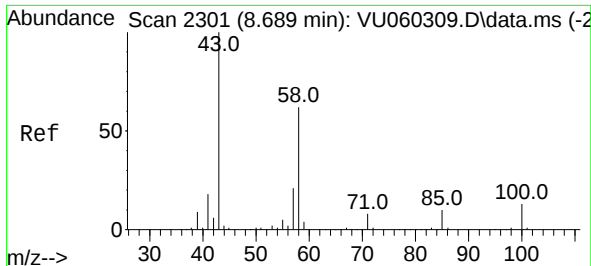
Tgt Ion: 97	Resp: 6120
Ion Ratio	Lower Upper
97	100
83	79.5 73.0 109.4
85	53.5 46.2 69.4
99	55.4 50.1 75.1



#53
1,3-Dichloropropane
Concen: 0.783 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion: 76	Resp: 9081
Ion Ratio	Lower Upper
76	100
78	31.9 26.2 39.2





#54

2-Hexanone

Concen: 2.586 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

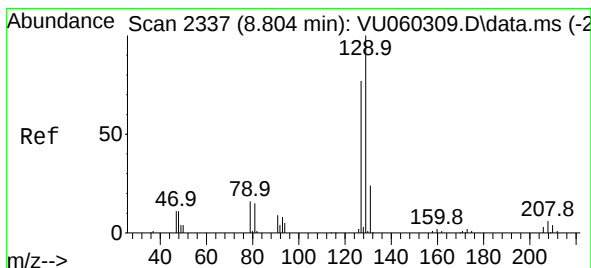
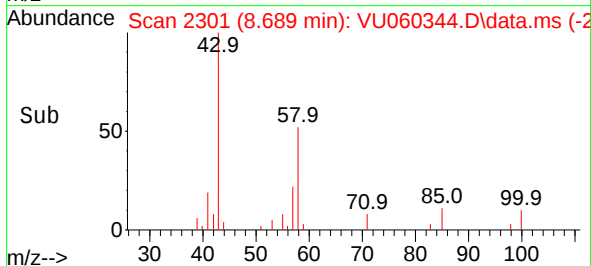
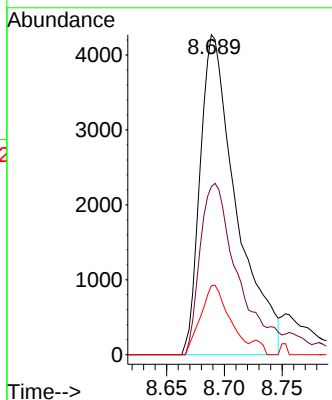
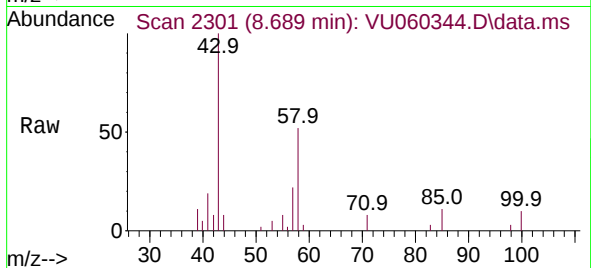
Tgt Ion: 43 Resp: 9318

Ion Ratio Lower Upper

43 100

58 55.9 40.1 80.1

57 17.3 0.3 40.3



#55

Dibromochloromethane

Concen: 0.872 ug/l

RT: 8.808 min Scan# 2338

Delta R.T. 0.003 min

Lab File: VU060344.D

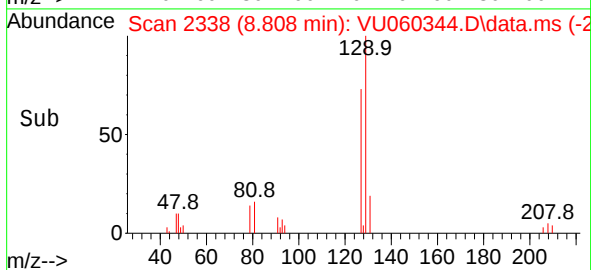
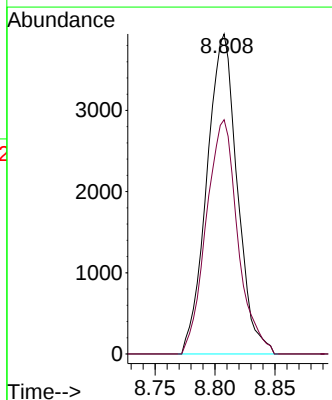
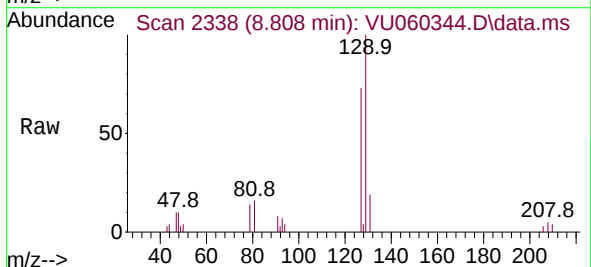
Acq: 07 Aug 2024 18:23

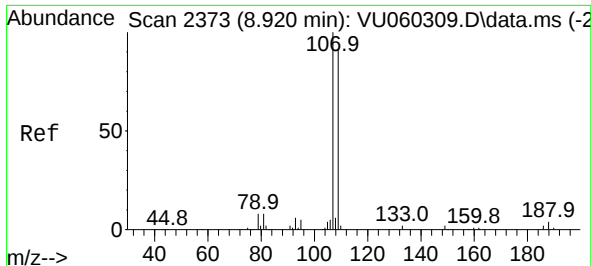
Tgt Ion: 129 Resp: 6951

Ion Ratio Lower Upper

129 100

127 75.9 61.6 92.4





#56

1,2-Dibromoethane

Concen: 0.790 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

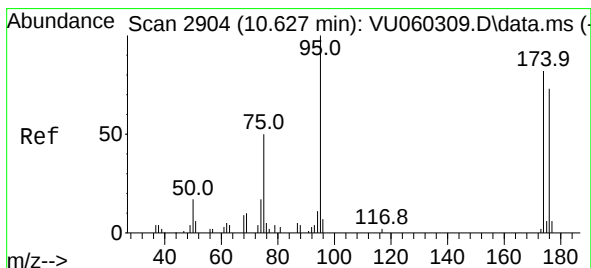
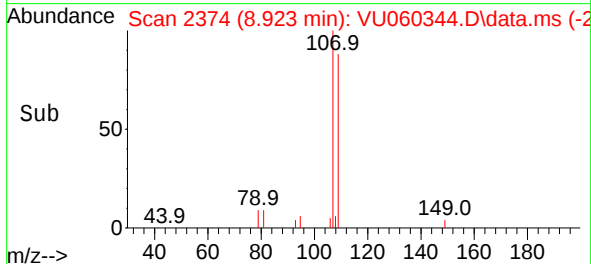
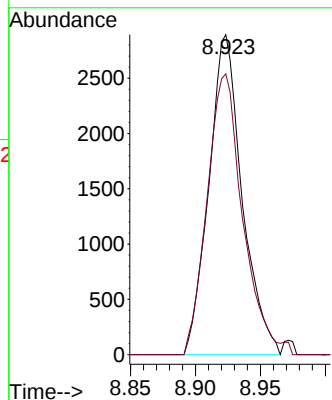
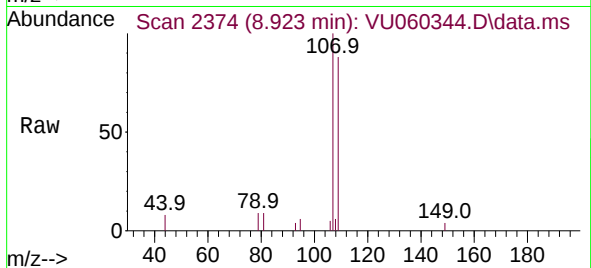
ClientSampleId :

Tgt Ion:107 Resp: 5148

Ion Ratio Lower Upper

107 100

109 94.2 0.0 184.0



#57

4-Bromofluorobenzene

Concen: 0.957 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

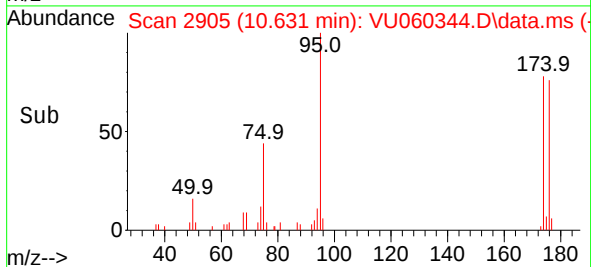
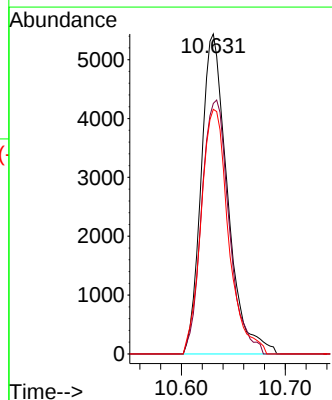
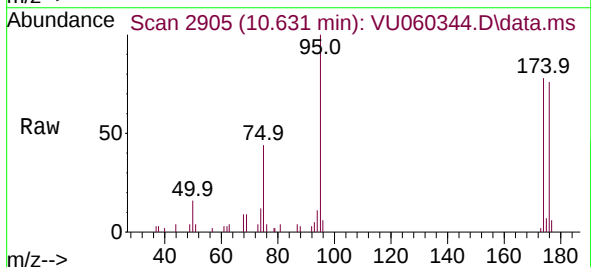
Tgt Ion: 95 Resp: 9545

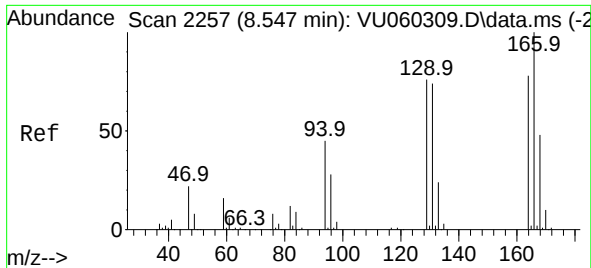
Ion Ratio Lower Upper

95 100

174 82.7 65.6 98.4

176 79.3 60.4 90.6





#58

Tetrachloroethene

Concen: 0.842 ug/l

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

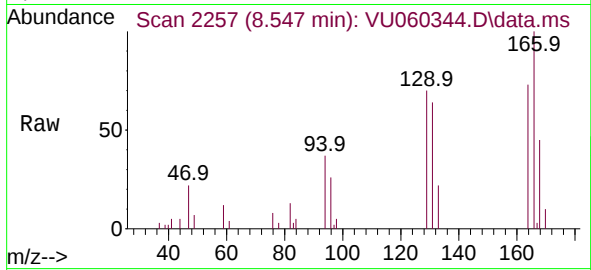
Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6739

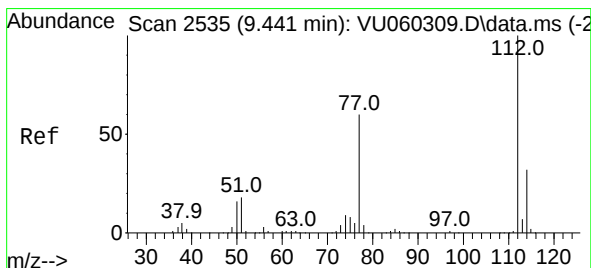
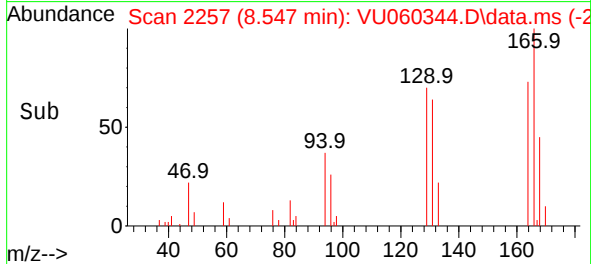
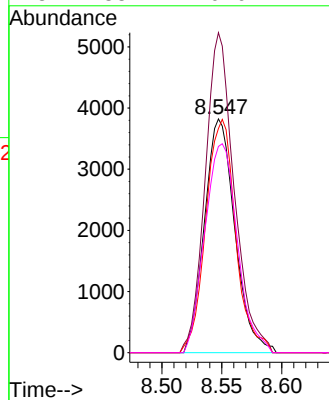
Ion Ratio Lower Upper

164 100

166 136.8 102.9 154.3

129 95.8 78.0 117.0

131 88.2 76.6 114.8



#59

Chlorobenzene

Concen: 0.832 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060344.D

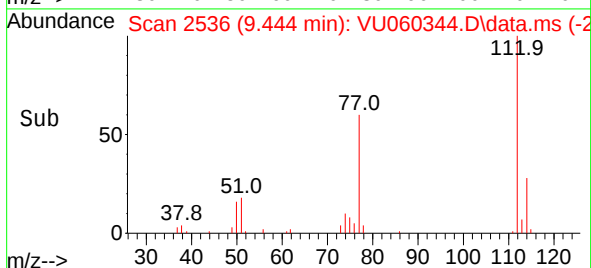
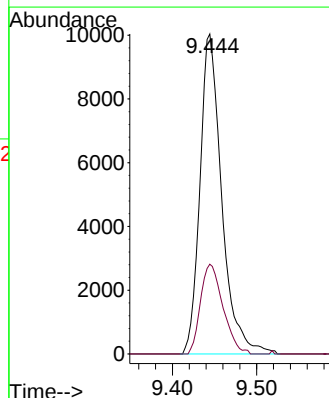
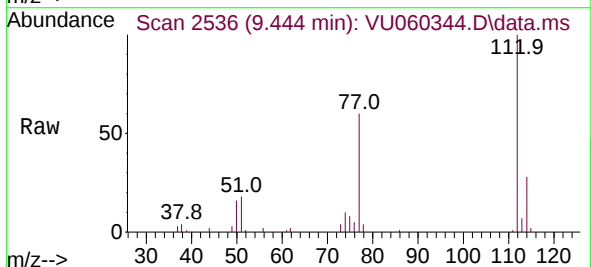
Acq: 07 Aug 2024 18:23

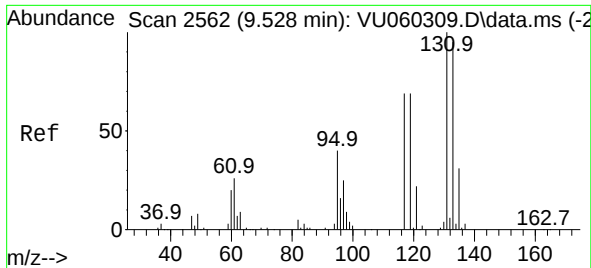
Tgt Ion:112 Resp: 18068

Ion Ratio Lower Upper

112 100

114 28.1 25.3 37.9

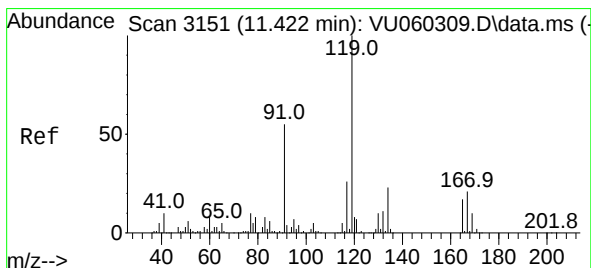
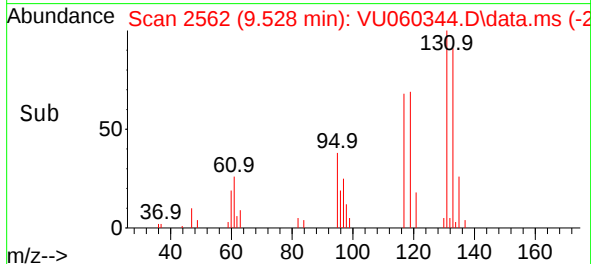
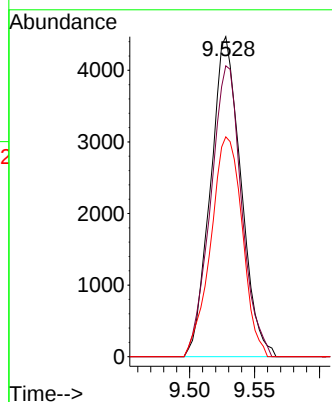
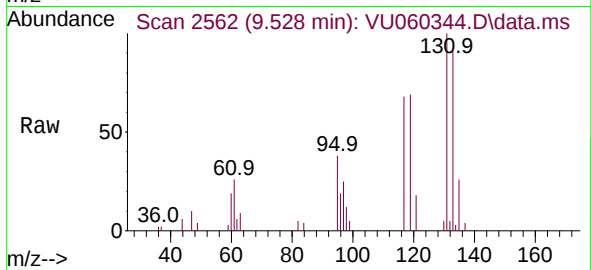




#60
1,1,1,2-Tetrachloroethane
Concen: 0.849 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

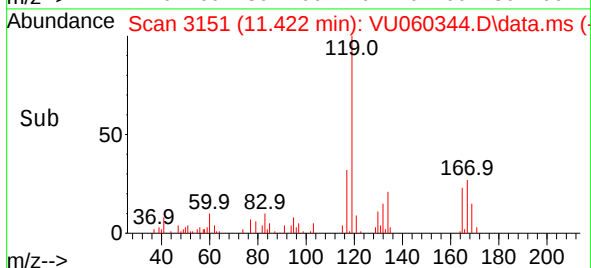
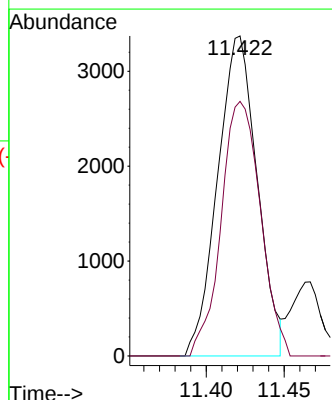
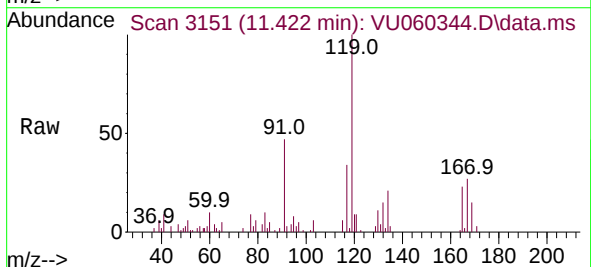
Instrument :
MSVOA_U
ClientSampleId :

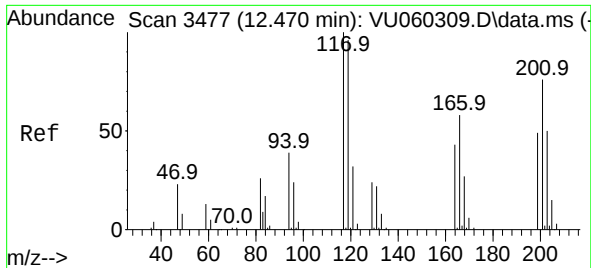
Tgt Ion:131 Resp: 7263
Ion Ratio Lower Upper
131 100
133 92.6 77.2 115.8
119 71.2 55.4 83.2



#61
Pentachloroethane
Concen: 0.813 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:117 Resp: 5944
Ion Ratio Lower Upper
117 100
167 79.0 62.2 93.4





#62

Hexachloroethane

Concen: 0.798 ug/l

RT: 12.467 min Scan# 3477

Delta R.T. -0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

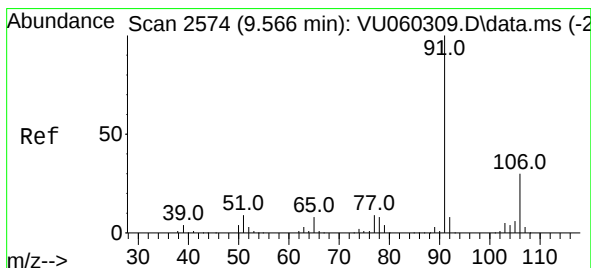
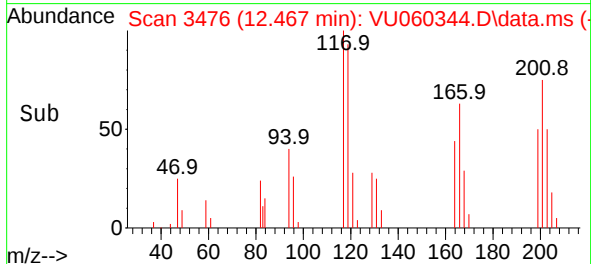
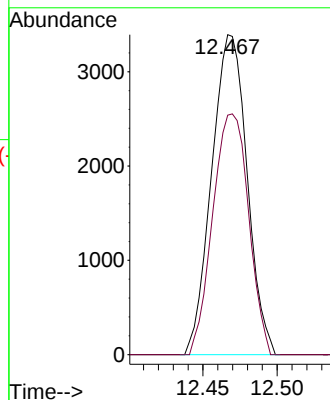
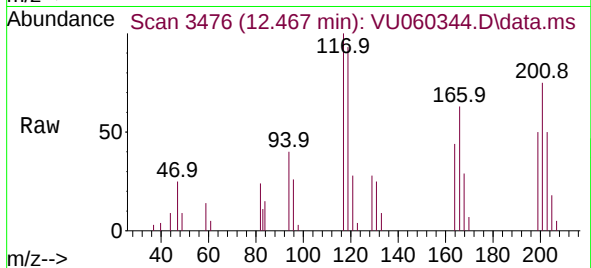
ClientSampleId :

Tgt Ion:117 Resp: 5635

Ion Ratio Lower Upper

117 100

201 76.1 62.7 94.1



#63

Ethyl Benzene

Concen: 1.069 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060344.D

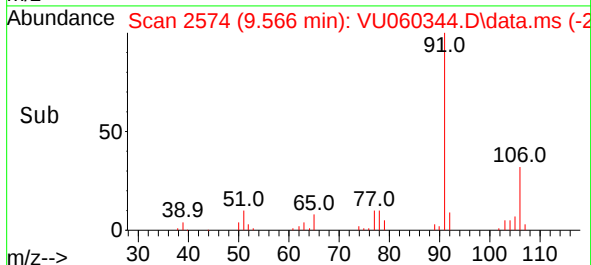
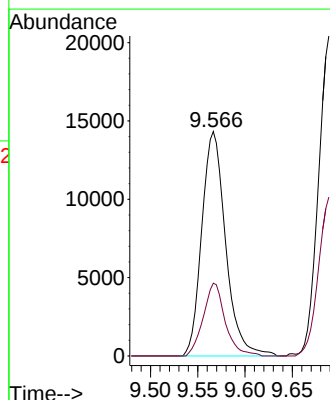
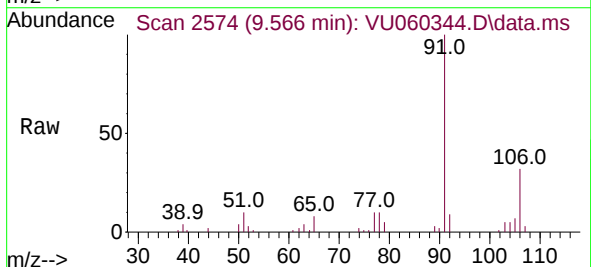
Acq: 07 Aug 2024 18:23

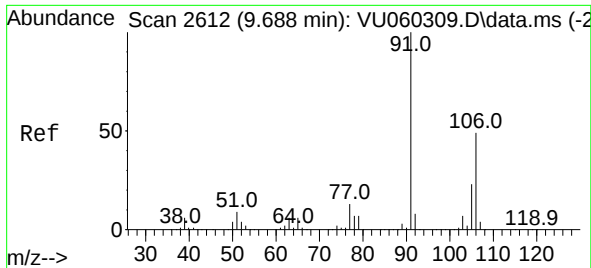
Tgt Ion: 91 Resp: 25129

Ion Ratio Lower Upper

91 100

106 32.4 24.4 36.6

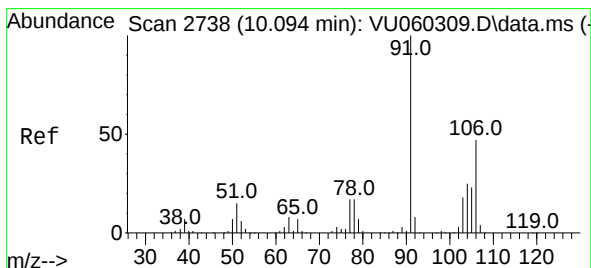
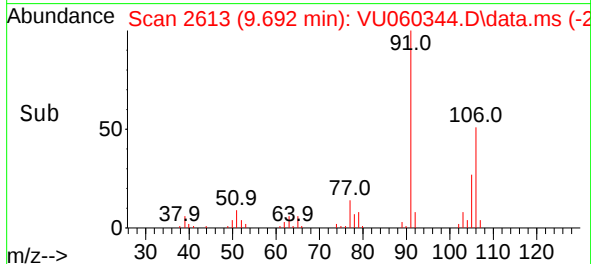
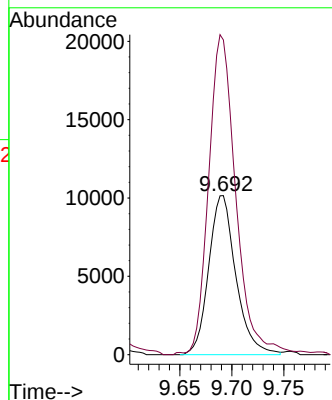
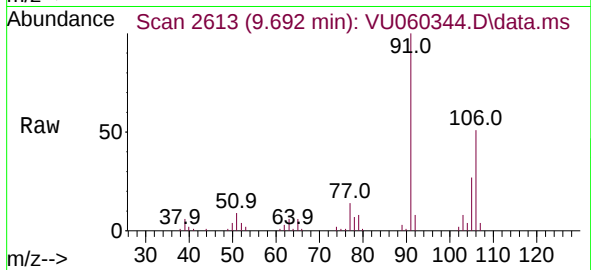




#64
m/p-Xylenes
Concen: 1.946 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.004 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

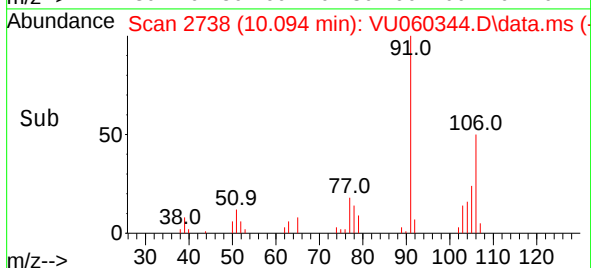
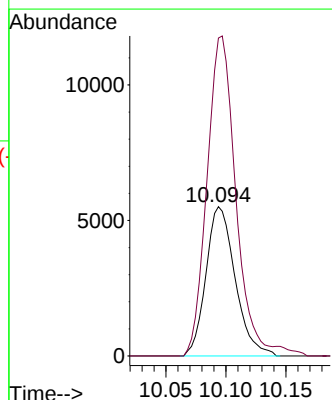
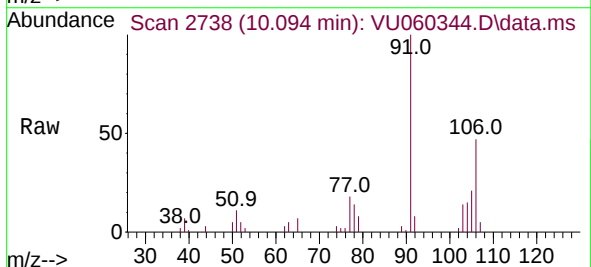
Instrument :
MSVOA_U
ClientSampleId :

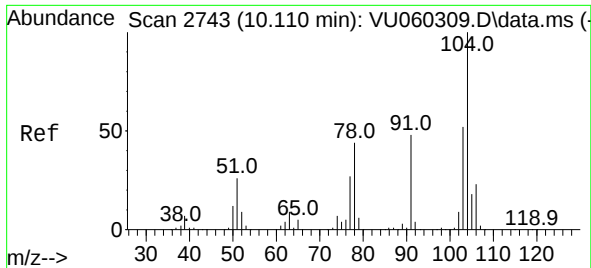
Tgt Ion:106 Resp: 18439
Ion Ratio Lower Upper
106 100
91 201.9 165.0 247.4



#65
o-Xylene
Concen: 1.005 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

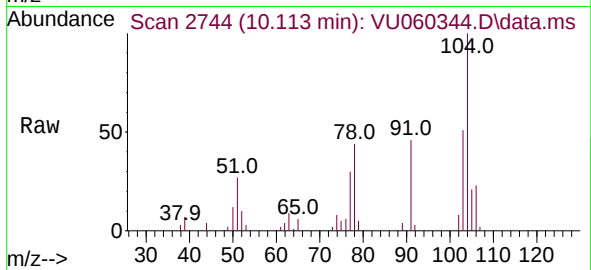
Tgt Ion:106 Resp: 9331
Ion Ratio Lower Upper
106 100
91 213.2 108.8 326.4



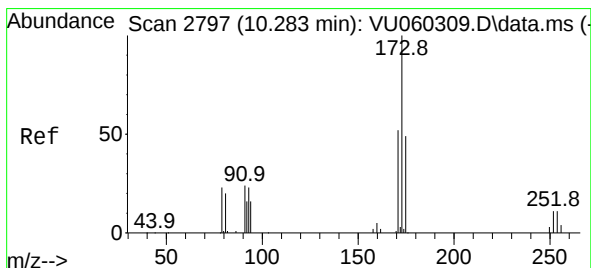
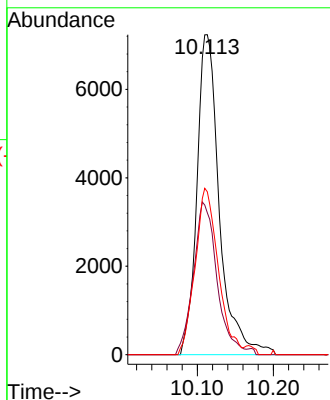
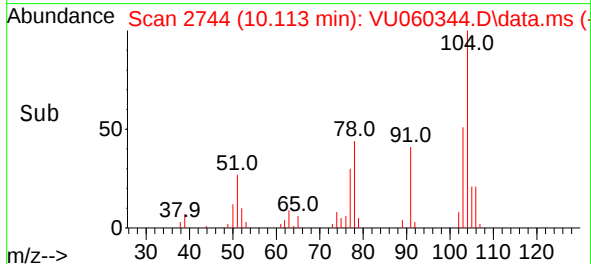


#66
Styrene
Concen: 0.991 ug/l
RT: 10.113 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :

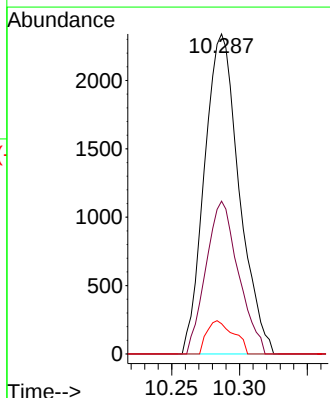
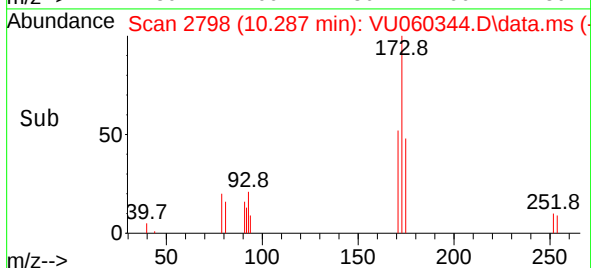
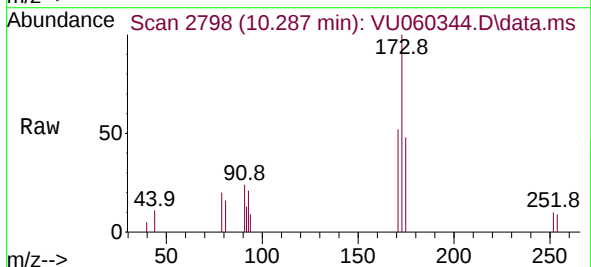


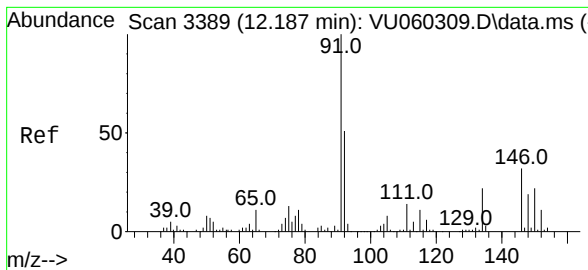
Tgt Ion:104 Resp: 14861
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 53.7 45.0 67.6



#67
Bromoform
Concen: 0.892 ug/l
RT: 10.287 min Scan# 2798
Delta R.T. 0.004 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:173 Resp: 4167
Ion Ratio Lower Upper
173 100
175 44.7 39.7 59.5
254 8.0 8.2 12.4#

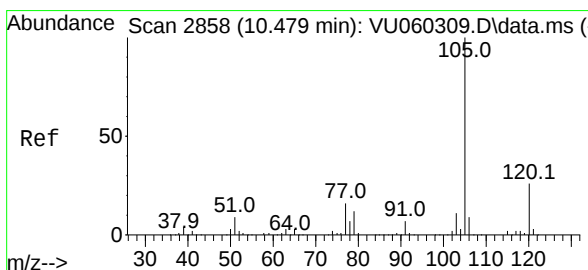
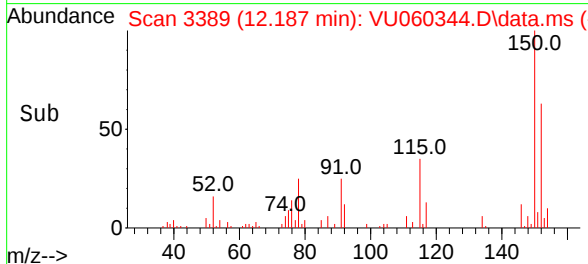
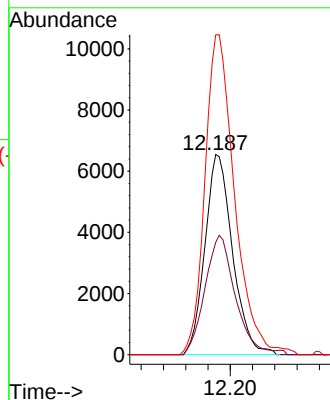
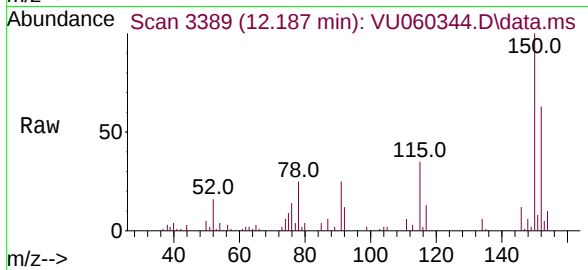




#68
1,2-Dichlorobenzene-d4
Concen: 1.042 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

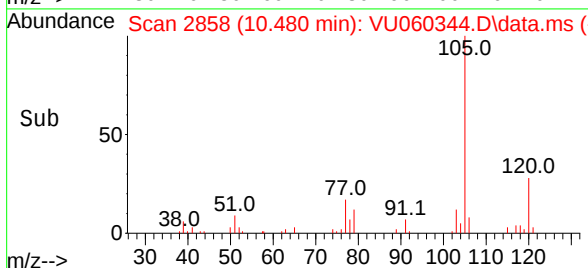
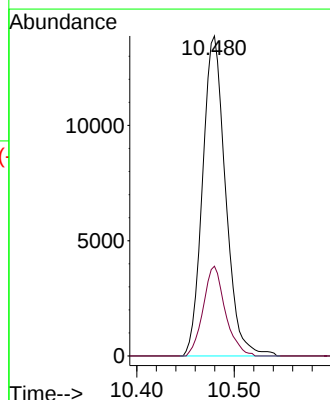
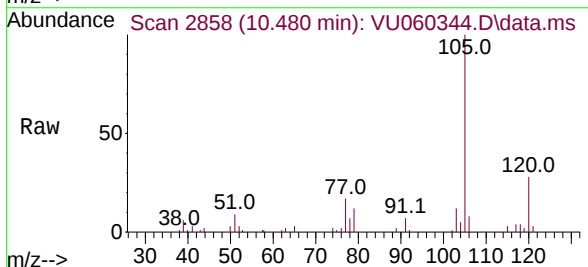
Instrument :
MSVOA_U
ClientSampleId :

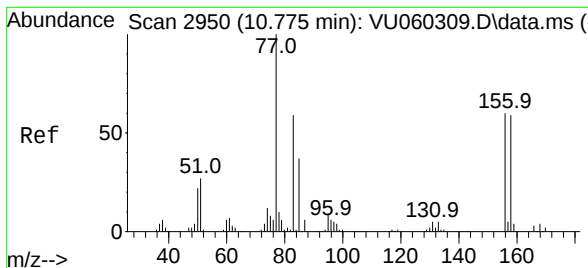
Tgt Ion:152 Resp: 11291
Ion Ratio Lower Upper
152 100
115 65.5 0.0 325.2
150 171.5 0.0 684.2



#69
Isopropylbenzene
Concen: 1.003 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.001 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:105 Resp: 22720
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0





#70

1,1,2,2-Tetrachloroethane

Concen: 0.758 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

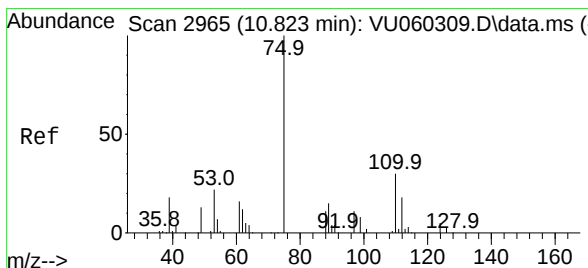
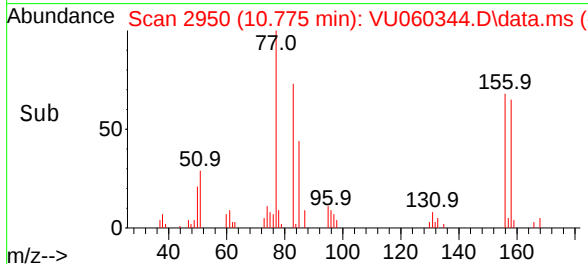
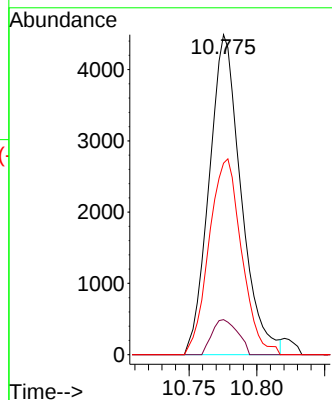
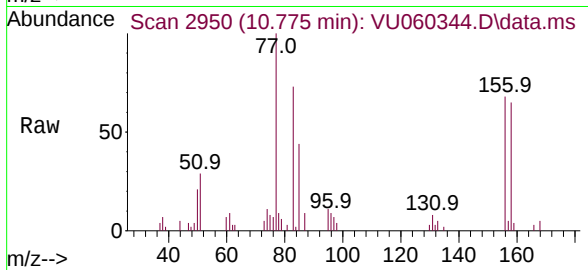
Tgt Ion: 83 Resp: 7332

Ion Ratio Lower Upper

83 100

131 8.8 7.1 10.7

85 62.6 50.9 76.3



#71

1,2,3-Trichloropropane

Concen: 1.093 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.006 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Tgt Ion: 75 Resp: 7833

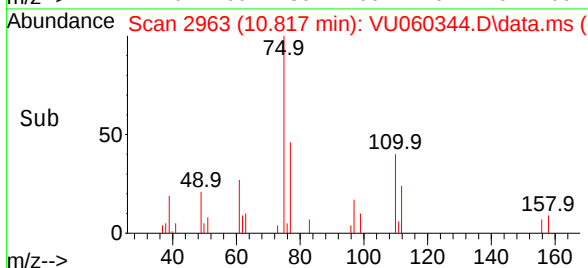
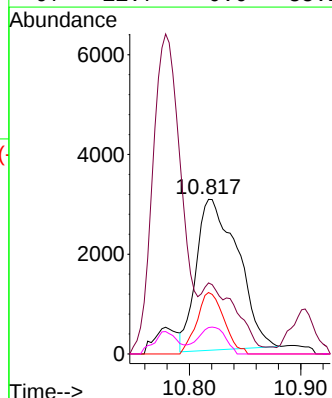
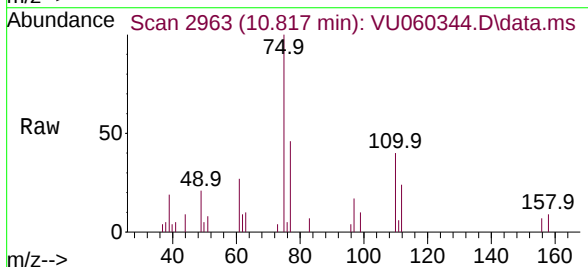
Ion Ratio Lower Upper

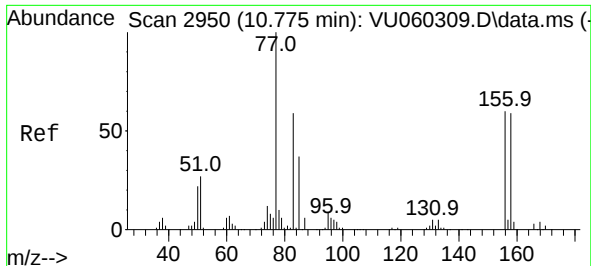
75 100

77 0.0 0.0 102.2

110 26.7 0.0 67.4

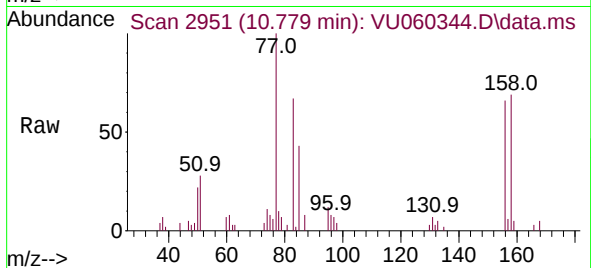
97 11.7 0.0 38.2



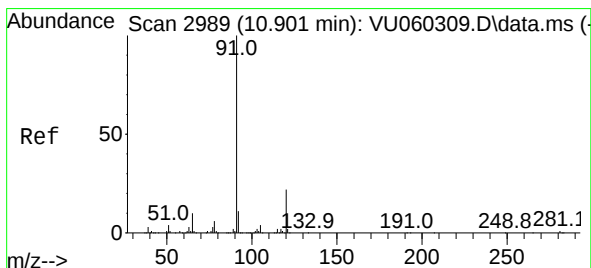
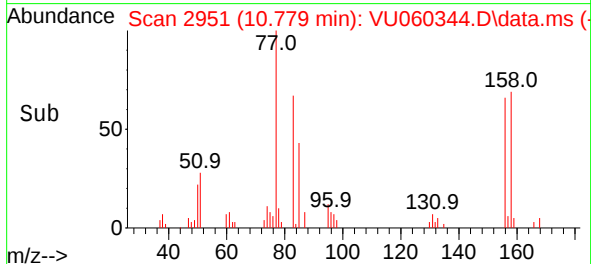
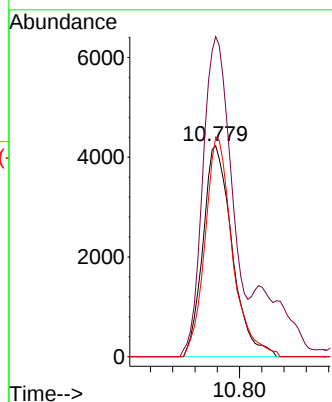


#72
Bromobenzene
Concen: 0.861 ug/l
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :

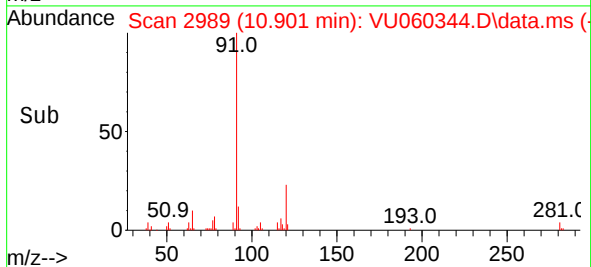
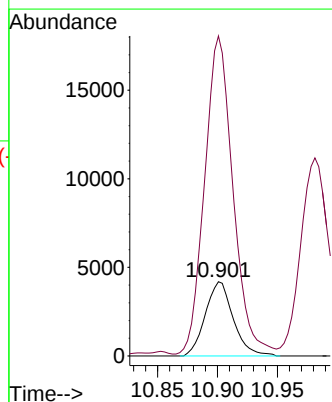
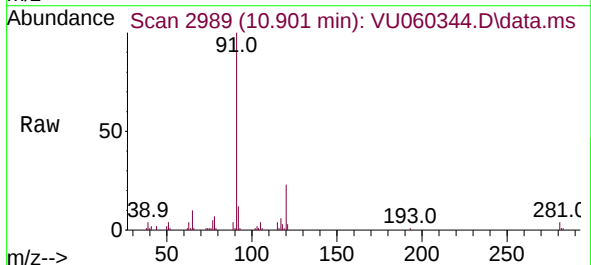


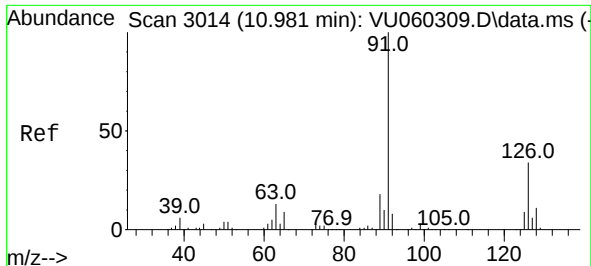
Tgt Ion:156 Resp: 7680
Ion Ratio Lower Upper
156 100
77 149.4 0.0 327.2
158 97.9 0.0 193.8



#73
n-propylbenzene
Concen: 1.037 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:120 Resp: 6778
Ion Ratio Lower Upper
120 100
91 434.6 362.2 543.2

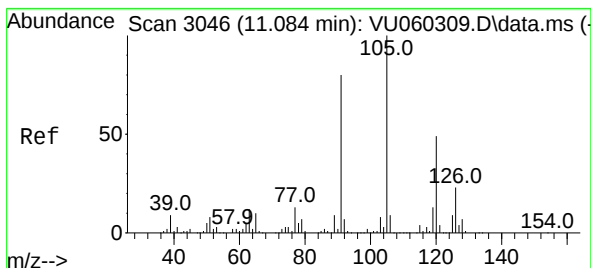
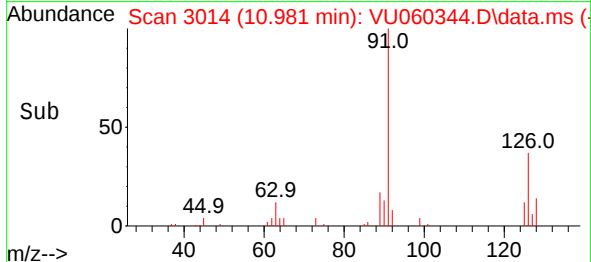
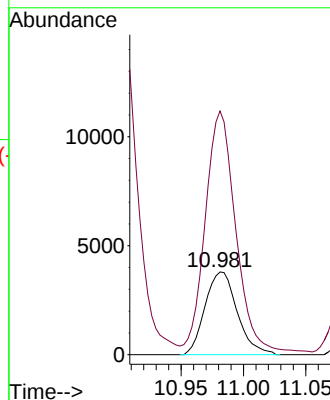
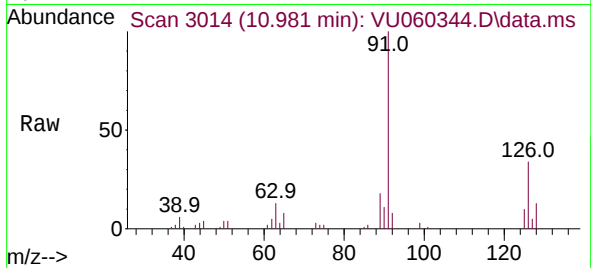




#74
2-Chlorotoluene
Concen: 0.950 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

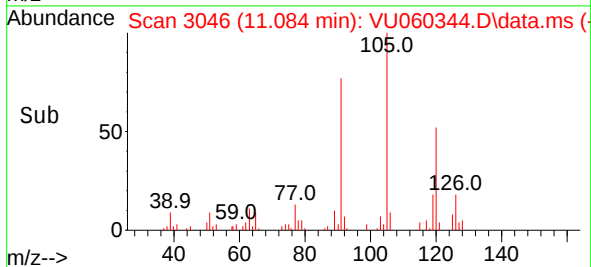
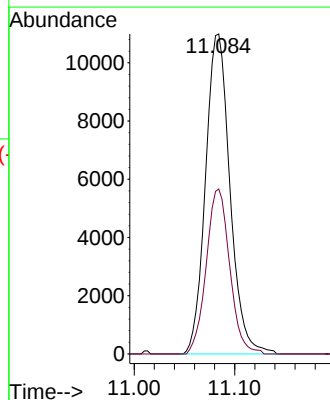
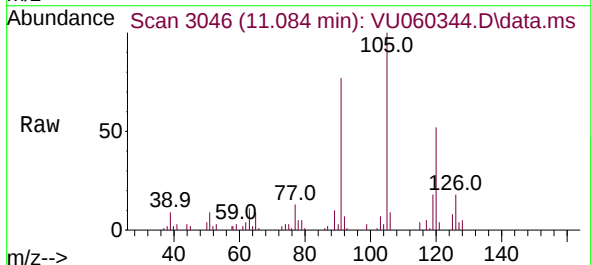
Instrument :
MSVOA_U
ClientSampleId :

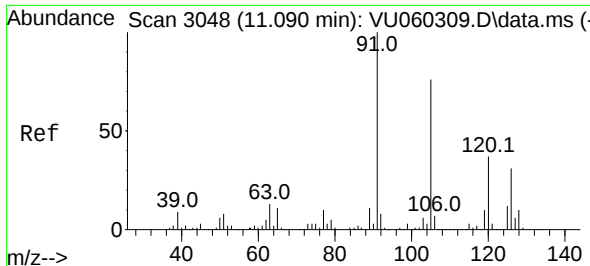
Tgt Ion:126 Resp: 6809
Ion Ratio Lower Upper
126 100
91 274.4 0.0 585.6



#75
1,3,5-Trimethylbenzene
Concen: 0.943 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:105 Resp: 18600
Ion Ratio Lower Upper
105 100
120 49.4 38.6 57.8

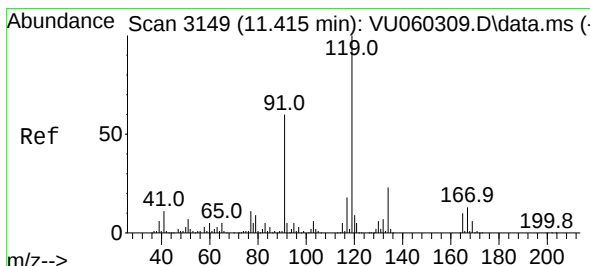
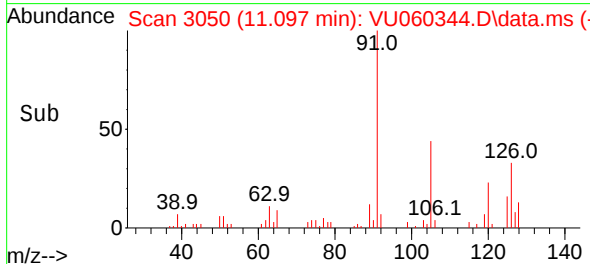
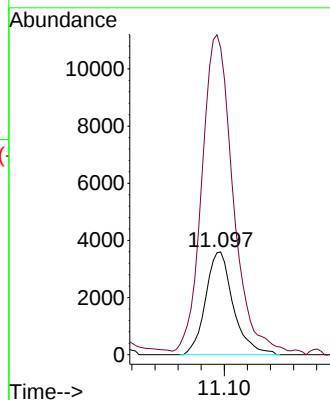
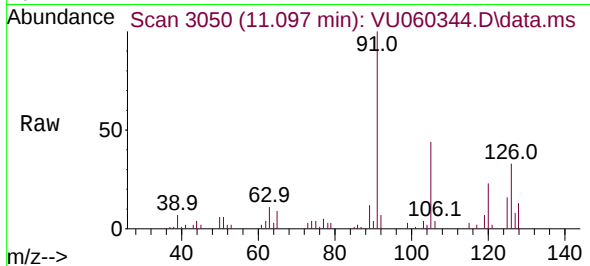




#76
4-Chlorotoluene
Concen: 0.866 ug/l
RT: 11.097 min Scan# 3048
Delta R.T. 0.007 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

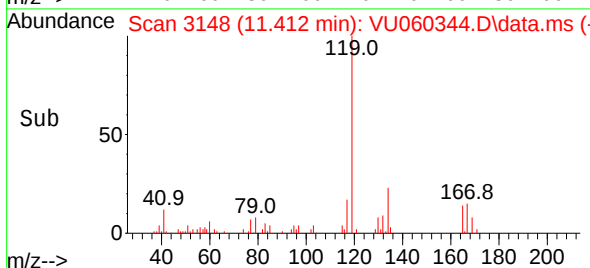
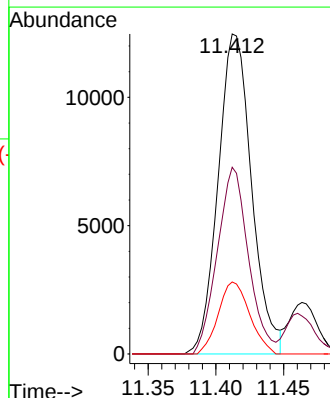
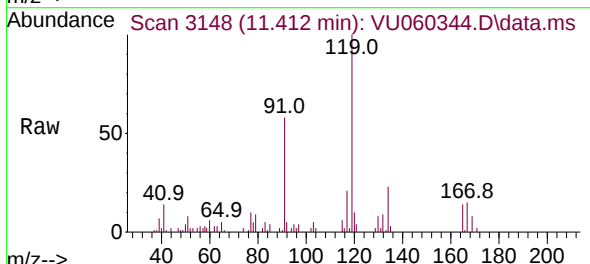
Instrument :
MSVOA_U
ClientSampleId :

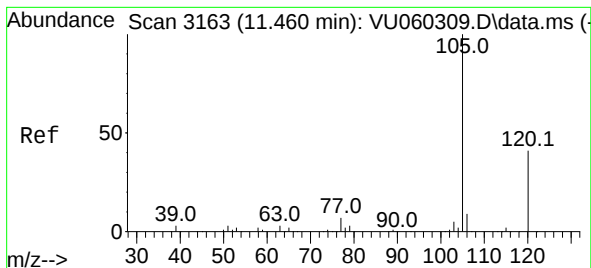
Tgt Ion:126 Resp: 5972
Ion Ratio Lower Upper
126 100
91 342.3 0.0 669.4



#77
tert-Butylbenzene
Concen: 1.039 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Tgt Ion:119 Resp: 21453
Ion Ratio Lower Upper
119 100
91 54.1 29.0 87.1
134 21.1 17.8 26.8





#78

1,2,4-Trimethylbenzene

Concen: 0.979 ug/l

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

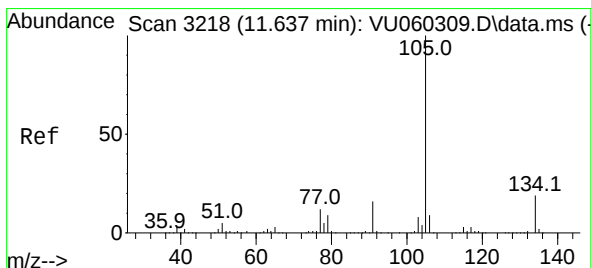
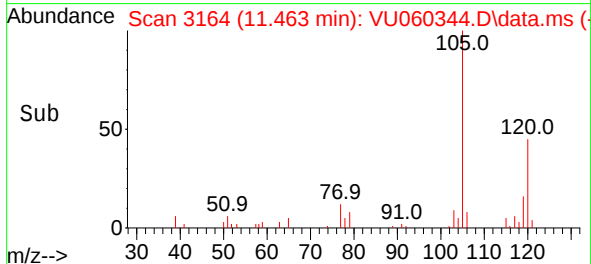
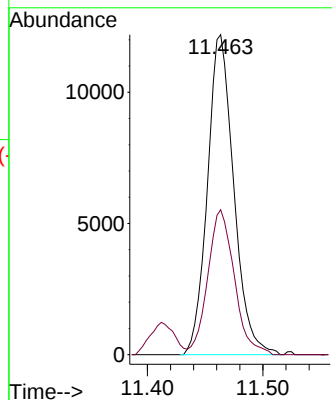
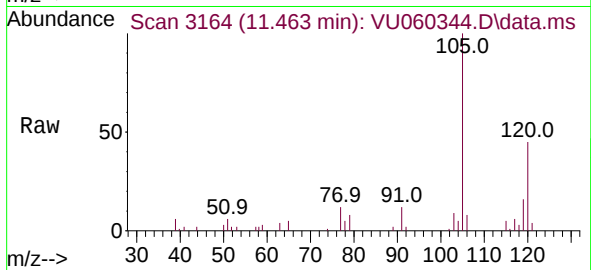
ClientSampleId :

Tgt Ion:105 Resp: 19336

Ion Ratio Lower Upper

105 100

120 45.6 22.6 67.7



#79

sec-Butylbenzene

Concen: 0.985 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.000 min

Lab File: VU060344.D

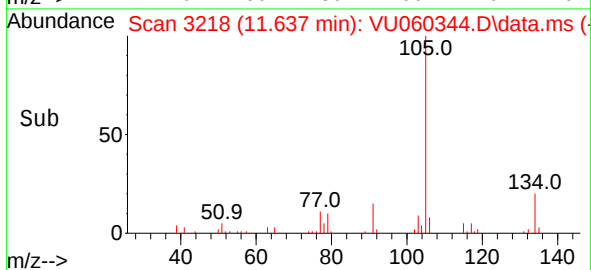
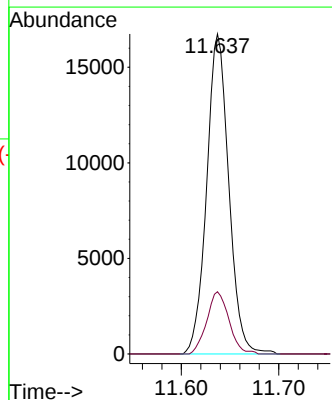
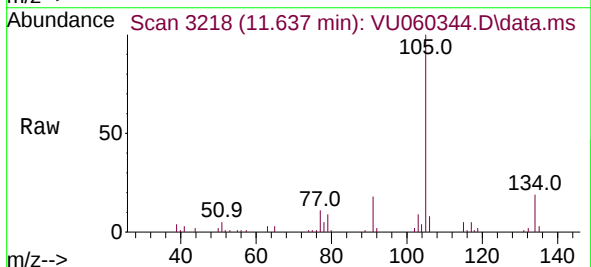
Acq: 07 Aug 2024 18:23

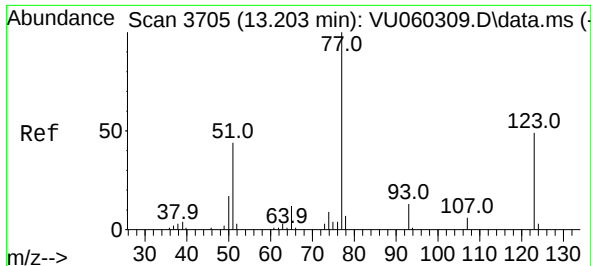
Tgt Ion:105 Resp: 26420

Ion Ratio Lower Upper

105 100

134 19.5 15.5 23.3





#80

Nitrobenzene

Concen: 1.057 ug/l

RT: 13.235 min Scan# 3715

Delta R.T. 0.032 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

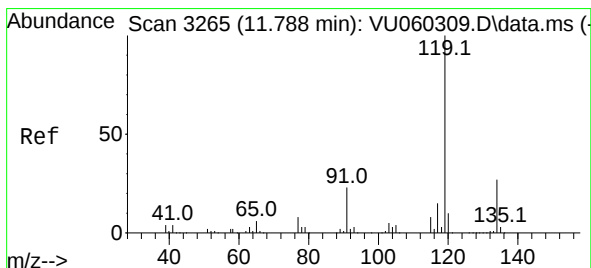
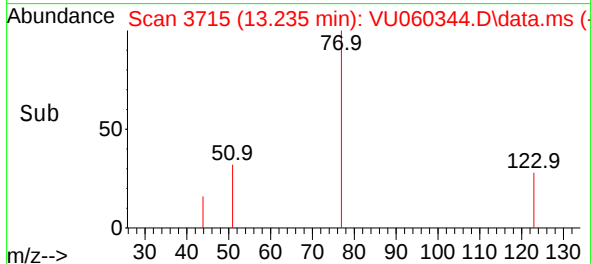
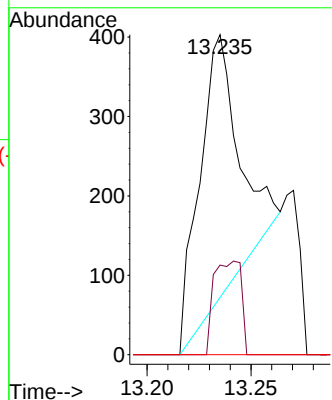
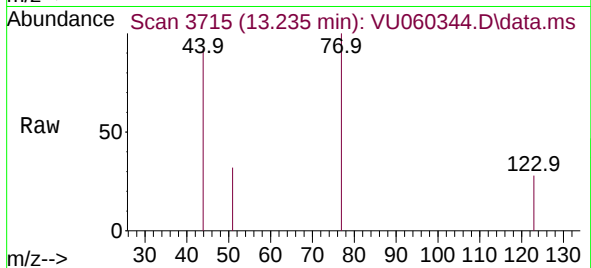
Tgt Ion: 77 Resp: 449

Ion Ratio Lower Upper

77 100

123 24.1 19.6 69.6

65 0.0 9.0 11.4#



#81

p-Isopropyltoluene

Concen: 0.994 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

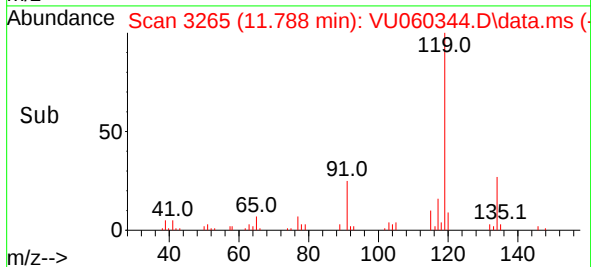
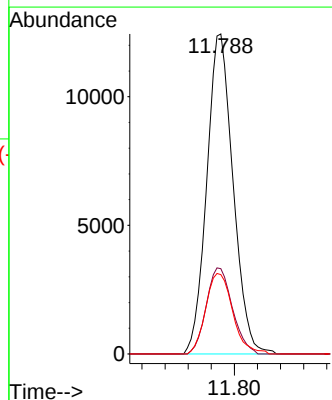
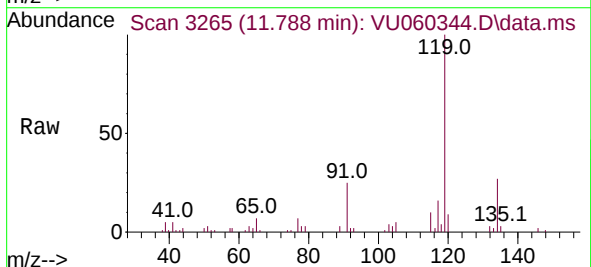
Tgt Ion: 119 Resp: 19664

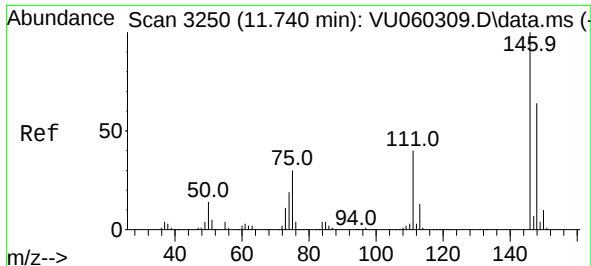
Ion Ratio Lower Upper

119 100

134 26.7 21.2 31.8

91 25.8 18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 0.827 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

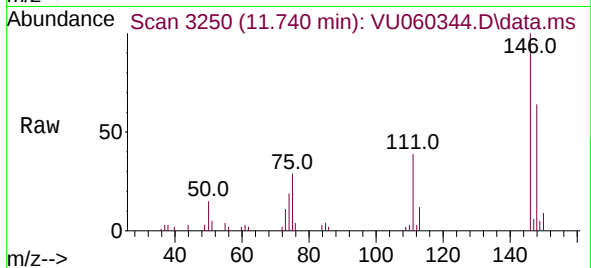
Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :



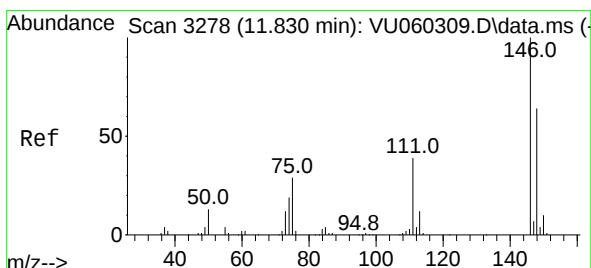
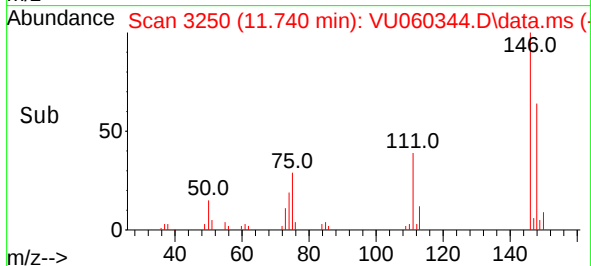
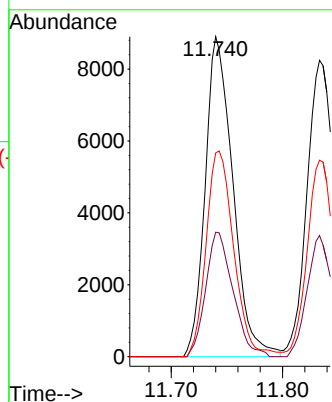
Tgt Ion:146 Resp: 15399

Ion Ratio Lower Upper

146 100

111 38.3 32.0 48.0

148 64.3 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 0.809 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

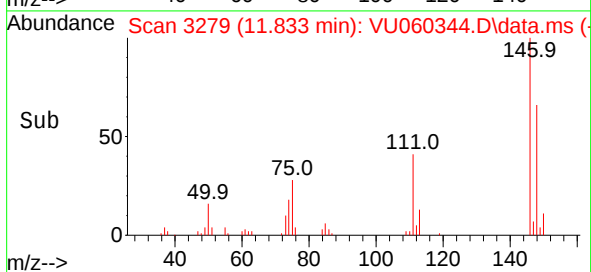
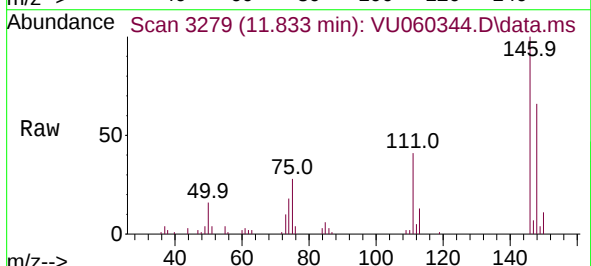
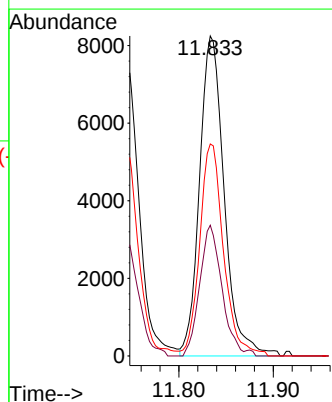
Tgt Ion:146 Resp: 14947

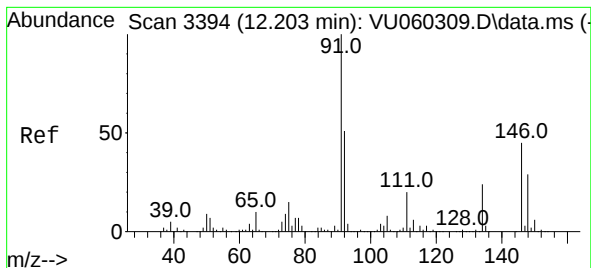
Ion Ratio Lower Upper

146 100

111 36.5 30.9 46.3

148 64.0 51.8 77.6





#84

n-Butylbenzene

Concen: 0.992 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

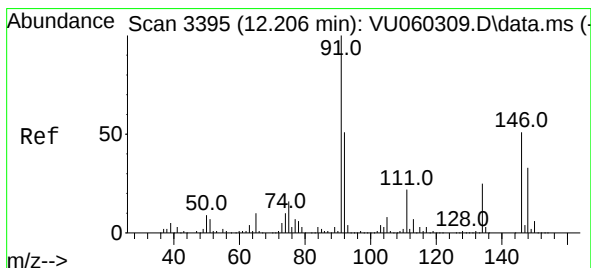
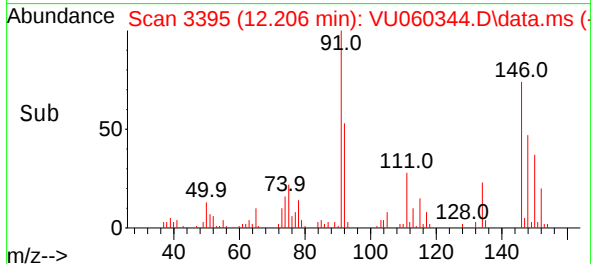
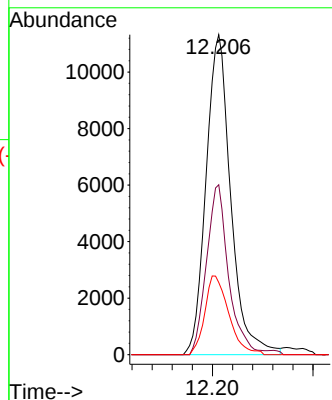
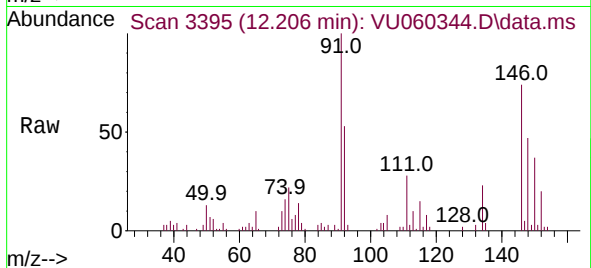
Tgt Ion: 91 Resp: 19299

Ion Ratio Lower Upper

91 100

92 47.6 41.0 61.6

134 23.9 19.4 29.2



#85

1,2-Dichlorobenzene

Concen: 0.817 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

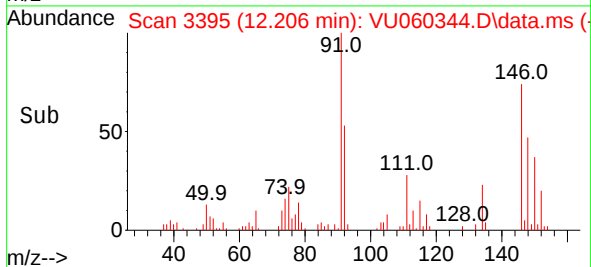
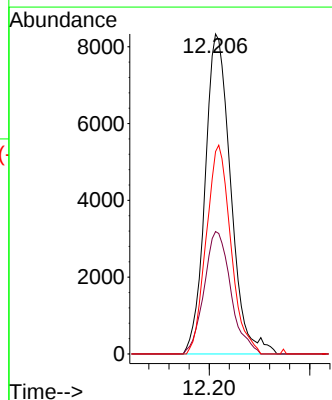
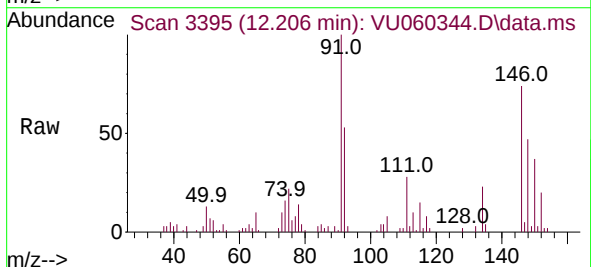
Tgt Ion:146 Resp: 14705

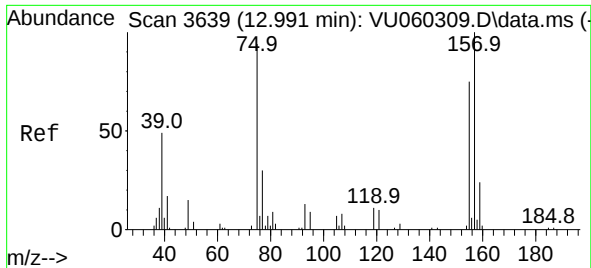
Ion Ratio Lower Upper

146 100

111 39.8 21.3 63.7

148 62.9 32.0 96.0





#86

1,2-Dibromo-3-Chloropropane

Concen: 0.714 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

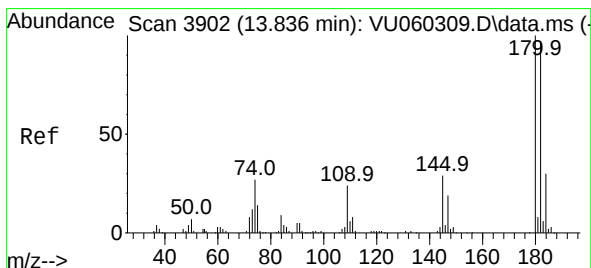
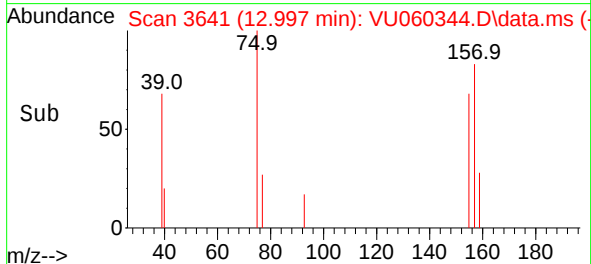
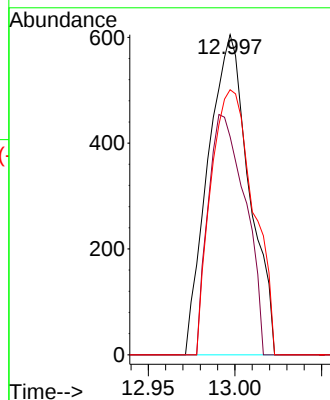
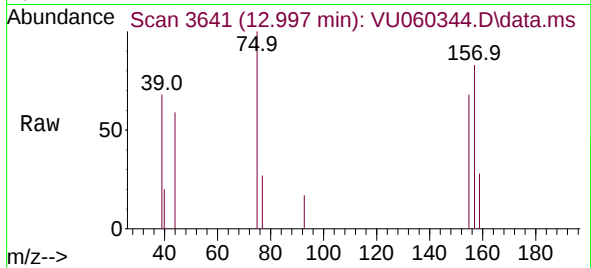
Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

75 100

155 67.4 66.1 99.1

157 85.0 85.0 127.4



#87

1,2,4-Trichlorobenzene

Concen: 0.752 ug/l

RT: 13.840 min Scan# 3903

Delta R.T. 0.004 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

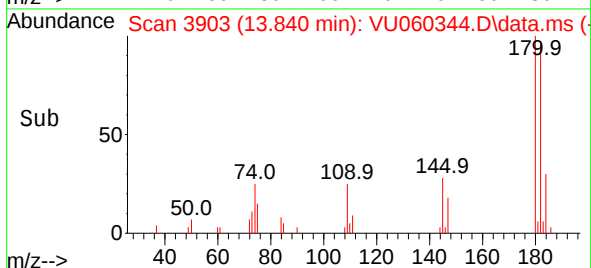
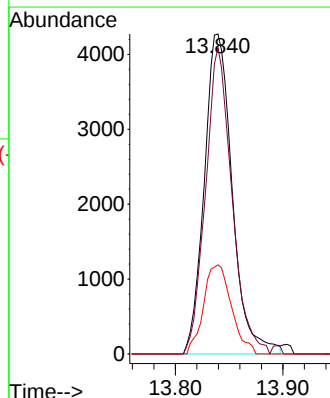
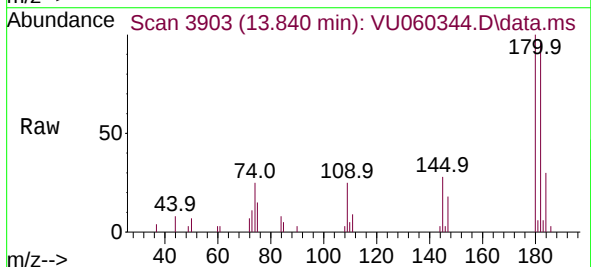
Tgt Ion:180 Resp: 7738

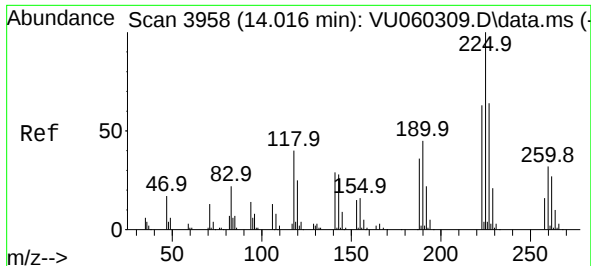
Ion Ratio Lower Upper

180 100

182 89.8 76.8 115.2

145 27.7 23.4 35.0





#88

Hexachlorobutadiene

Concen: 0.804 ug/l

RT: 14.013 min Scan# 3958

Delta R.T. -0.003 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

Instrument :

MSVOA_U

ClientSampleId :

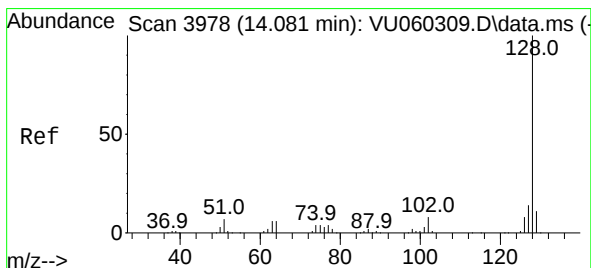
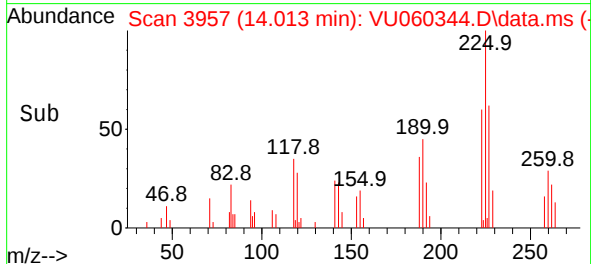
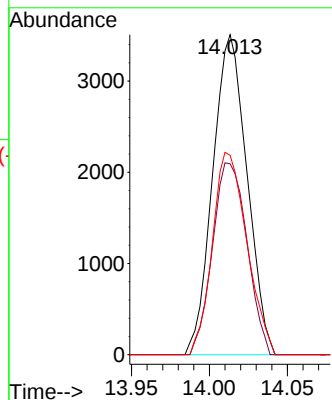
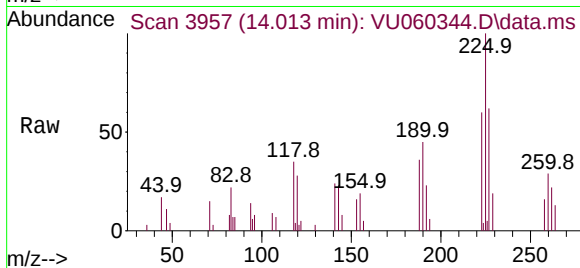
Tgt Ion:225 Resp: 5355

Ion Ratio Lower Upper

225 100

223 60.4 50.8 76.2

227 63.6 50.8 76.2



#89

Naphthalene

Concen: 0.523 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.009 min

Lab File: VU060344.D

Acq: 07 Aug 2024 18:23

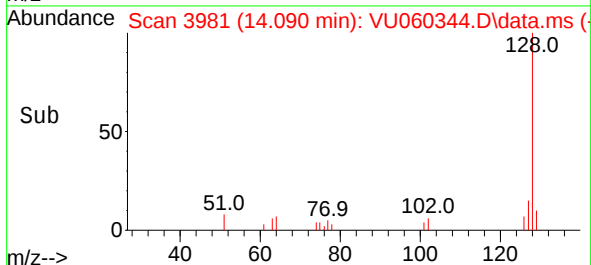
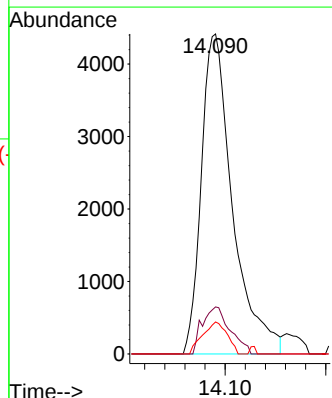
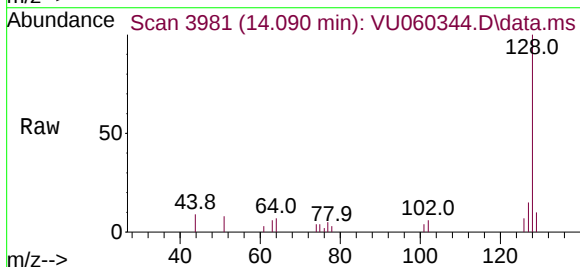
Tgt Ion:128 Resp: 9523

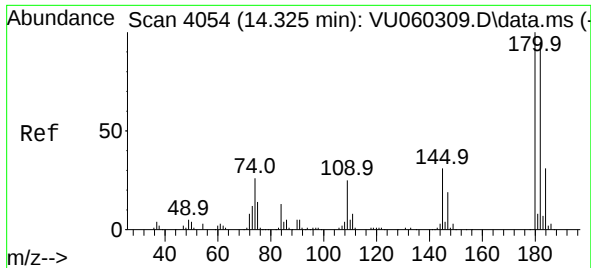
Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

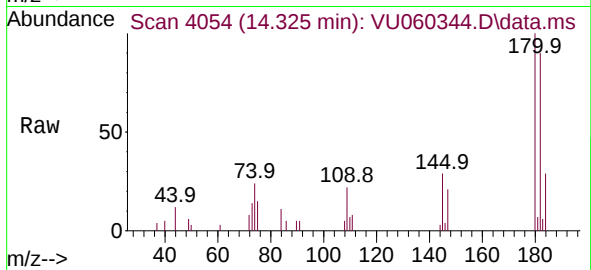
129 7.8 8.6 12.8#





#90
1,2,3-Trichlorobenzene
Concen: 0.672 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060344.D
Acq: 07 Aug 2024 18:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.1	114.1
145	27.6	25.0	37.6

