

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053160.D
 Acq On : 27 Feb 2023 19:24
 Operator : JC/MD
 Sample : RL CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

Quant Time: Feb 28 04:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	24354	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	10274	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8688	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	5834	0.944	ug/l	98
3) Chloromethane	1.524	50	5434	0.853	ug/l	97
4) Vinyl Chloride	1.604	62	6200	0.914	ug/l	99
5) Bromomethane	1.858	94	3699	0.958	ug/l	99
6) Chloroethane	1.936	64	4139	1.005	ug/l	98
7) Trichlorofluoromethane	2.141	101	8444	0.865	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	5582	0.915	ug/l	99
9) 1,1-Dichloroethene	2.582	96	4819	0.909	ug/l	98
10) Iodomethane	2.727	142	4082	0.749	ug/l	97
11) Allyl Chloride	2.923	41	6810	0.823	ug/l	87
12) Acrylonitrile	3.325	53	2842	2.094	ug/l	88
13) Acetone	2.649	43	4992	2.573	ug/l	# 85
14) Carbon Disulfide	2.794	76	10920	0.898	ug/l	# 95
15) Methylene Chloride	3.048	84	8352	1.102	ug/l	92
16) trans-1,2-Dichloroethene	3.354	96	5009	0.860	ug/l	97
17) 1,1-Dichloroethane	3.868	63	11777	0.924	ug/l	96
18) 2-Butanone	4.736	43	7986	3.428	ug/l	95
19) Cyclohexane	5.382	56	8238	0.809	ug/l	# 90
20) Methylcyclohexane	6.759	83	8729	0.893	ug/l	96
21) 2,2-Dichloropropane	4.665	77	10531	0.943	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	6496	0.903	ug/l	97
23) Diethyl Ether	2.376	59	3817	0.880	ug/l	# 89
24) tert-Butyl Alcohol	3.177	59	171	0.336	ug/l	# 71
25) Methyl tert-Butyl Ether	3.370	73	14653	0.951	ug/l	98
26) Bromochloromethane	4.974	128	2400	0.863	ug/l	94
27) Chloroform	5.087	83	11499	0.875	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	9822	0.890	ug/l	96
29) 1,1-Dichloropropene	5.521	75	7447	0.900	ug/l	96
30) Carbon Tetrachloride	5.521	117	6528	0.859	ug/l	87
31) Isopropyl Ether	3.990	45	17617	0.866	ug/l	86
32) Ethyl-t-butyl ether	4.505	59	16841	0.874	ug/l	95
33) Tert-Amyl methyl ether	5.945	73	14436	0.944	ug/l	96
34) Propionitrile	4.800	54	2280	4.207	ug/l	# 85
35) Benzene	5.771	78	21954	0.900	ug/l	98
36) 1,2-Dichloroethane	5.797	62	6608	0.906	ug/l	98
37) Trichloroethene	6.540	130	5003	0.893	ug/l	94
38) 1,2-Dichloropropane	6.791	63	6476	0.918	ug/l	90
39) Methacrylonitrile	4.984	41	2224	0.962	ug/l	# 65
40) Methyl acrylate	4.852	55	3294	0.922	ug/l	# 94
41) Tetrahydrofuran	5.074	42	2707	2.388	ug/l	# 69
42) 1-Chlorobutane	5.456	56	10674	0.927	ug/l	96
43) Dibromomethane	6.916	93	2609	0.834	ug/l	96
44) Bromodichloromethane	7.103	83	7707	0.901	ug/l	96

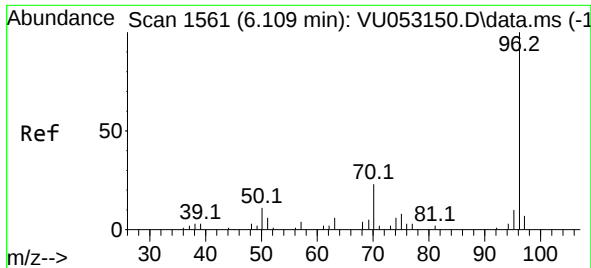
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	18255	4.780	ug/l	100
46) t-1,4-Dichloro-2-butene	10.826	75	7265	3.775	ug/l #	53
47) Methyl methacrylate	6.968	69	6089	1.891	ug/l	95
48) Ethyl methacrylate	8.334	69	6554	0.992	ug/l	99
49) Toluene	7.968	92	13314	0.886	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	7458	0.897	ug/l	92
51) cis-1,3-Dichloropropene	7.607	75	8995	0.893	ug/l	94
52) 1,1,2-Trichloroethane	8.398	97	4125	0.898	ug/l	93
53) 1,3-Dichloropropane	8.575	76	7620	0.925	ug/l	98
54) 2-Hexanone	8.691	43	12718	3.908	ug/l	98
55) Dibromochloromethane	8.810	129	4541	0.866	ug/l	96
56) 1,2-Dibromoethane	8.922	107	4015	0.984	ug/l	99
58) Tetrachloroethene	8.553	164	4485	1.004	ug/l	85
59) Chlorobenzene	9.447	112	15886	0.945	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.530	131	4880	0.879	ug/l	96
61) Pentachloroethane	11.424	117	4237	0.878	ug/l	91
62) Hexachloroethane	12.472	117	4077	0.767	ug/l	98
63) Ethyl Benzene	9.569	91	28585	0.922	ug/l	100
64) m/p-Xylenes	9.691	106	20052	1.783	ug/l	95
65) o-Xylene	10.099	106	10103	0.879	ug/l	97
66) Styrene	10.115	104	16455	0.904	ug/l	99
67) Bromoform	10.292	173	2118	0.831	ug/l #	91
69) Isopropylbenzene	10.482	105	27239	0.885	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.781	83	5807	0.938	ug/l	89
71) 1,2,3-Trichloropropane	10.826	75	7265	1.363	ug/l	84
72) Bromobenzene	10.778	156	5421	0.908	ug/l	96
73) n-propylbenzene	10.903	120	7306	0.895	ug/l	96
74) 2-Chlorotoluene	10.983	126	6092	0.901	ug/l	96
75) 1,3,5-Trimethylbenzene	11.083	105	23125	0.903	ug/l	99
76) 4-Chlorotoluene	11.096	126	6522	0.918	ug/l	85
77) tert-Butylbenzene	11.418	119	22082	0.880	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	23191	0.889	ug/l	94
79) sec-Butylbenzene	11.639	105	31534	0.906	ug/l	99
80) Nitrobenzene	13.221	77	845	2.611	ug/l #	74
81) p-Isopropyltoluene	11.791	119	23460	0.851	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	12615	0.962	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	12859	0.961	ug/l	99
84) n-Butylbenzene	12.205	91	24846	0.870	ug/l	99
85) 1,2-Dichlorobenzene	12.212	146	11696	0.936	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	864	1.104	ug/l	94
87) 1,2,4-Trichlorobenzene	13.839	180	7009	0.914	ug/l	96
88) Hexachlorobutadiene	14.015	225	3167	0.845	ug/l	95
89) Naphthalene	14.086	128	15460	0.947	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	6067	0.899	ug/l	100

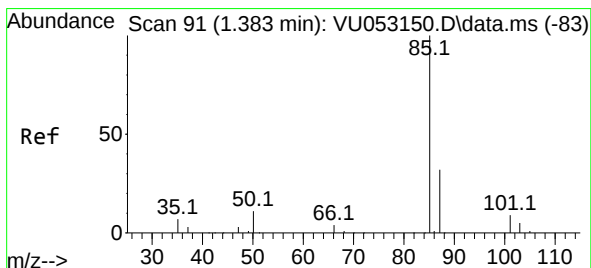
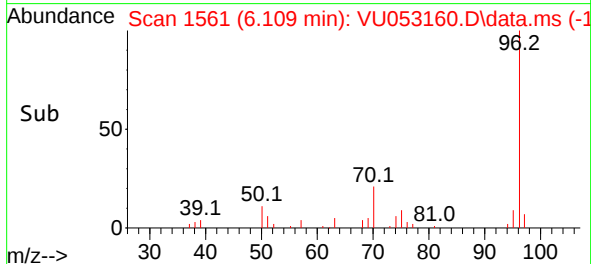
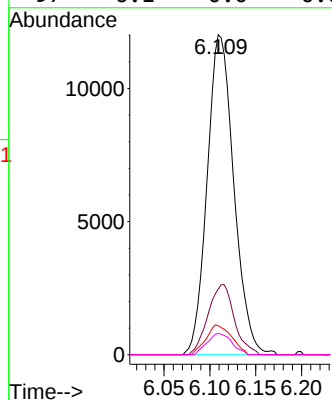
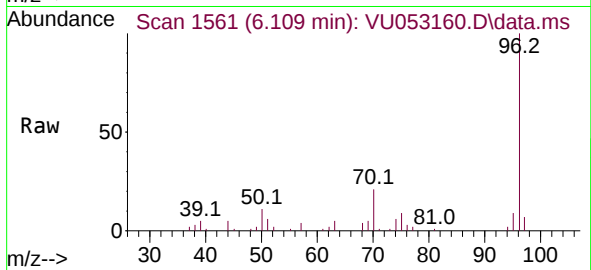
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VU053160.D
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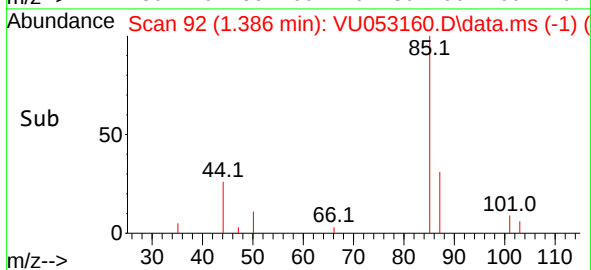
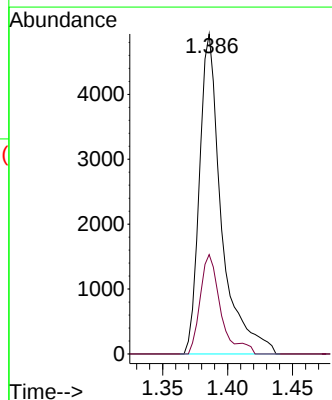
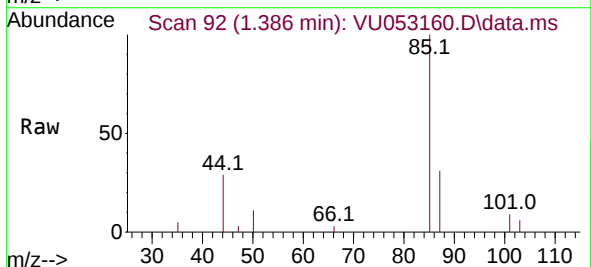
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

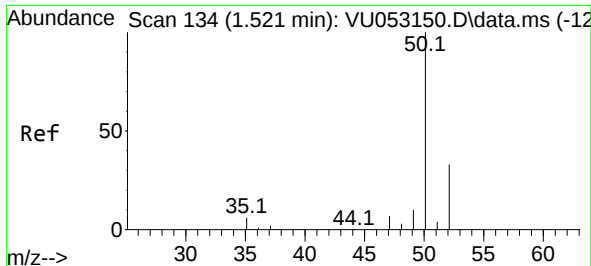
Tgt Ion: 96	Resp: 24354
Ion Ratio	Lower Upper
96 100	
70 21.5	15.5 23.3
95 8.9	7.0 10.6
97 6.1	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.944 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 85	Resp: 5834
Ion Ratio	Lower Upper
85 100	
87 31.0	16.1 48.2





#3

Chloromethane

Concen: 0.853 ug/l

RT: 1.524 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

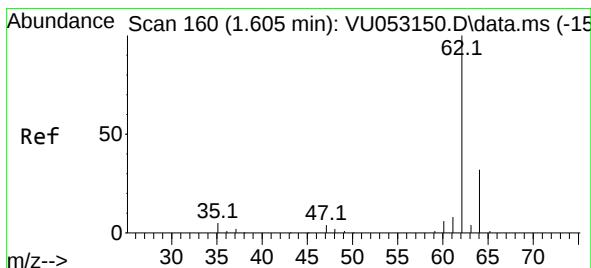
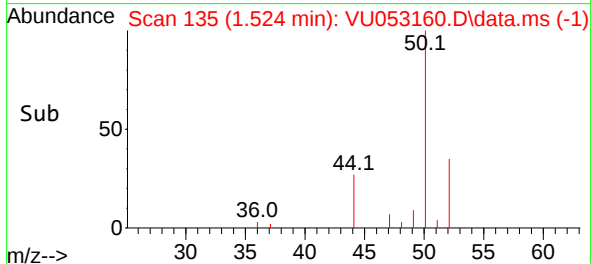
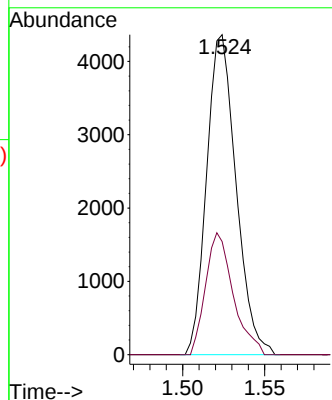
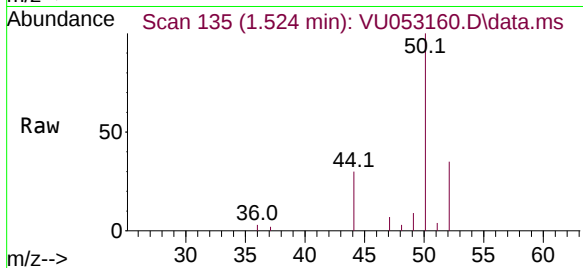
RL CHECK

Tgt Ion: 50 Resp: 5434

Ion Ratio Lower Upper

50 100

52 35.3 26.7 40.1



#4

Vinyl Chloride

Concen: 0.914 ug/l

RT: 1.604 min Scan# 160

Delta R.T. -0.000 min

Lab File: VU053160.D

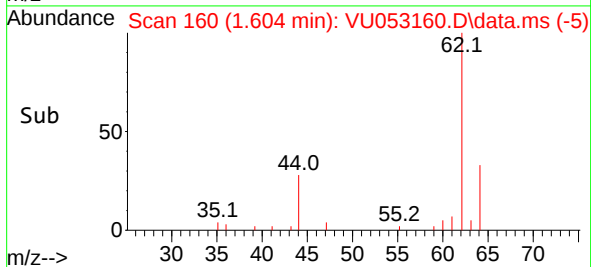
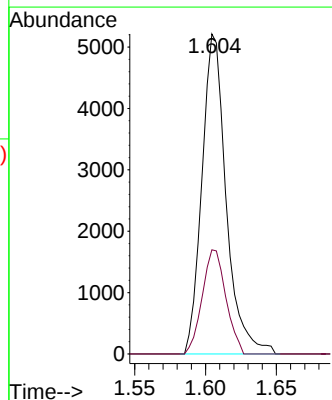
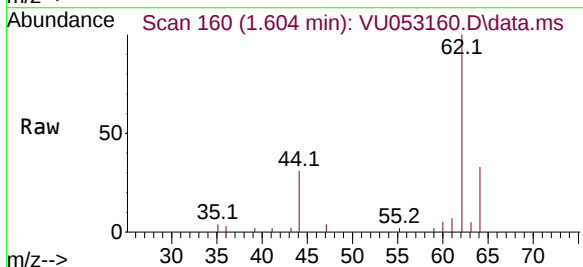
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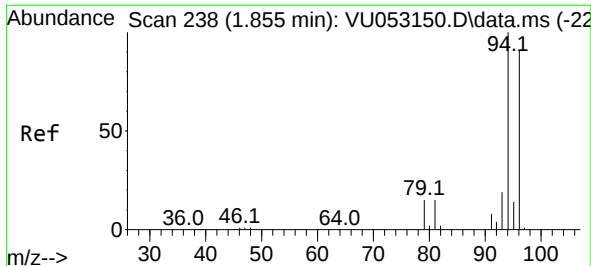
Tgt Ion: 62 Resp: 6200

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.6

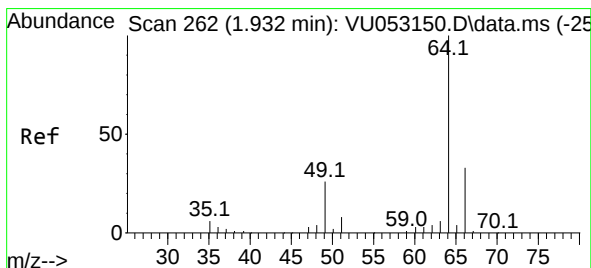
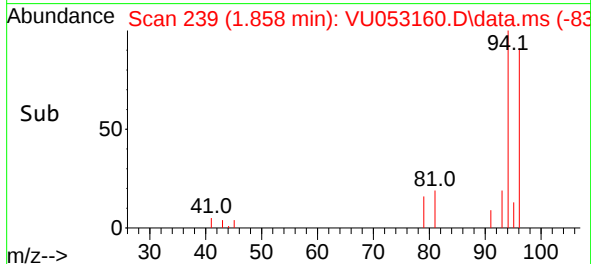
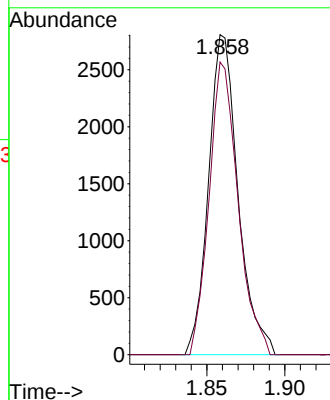
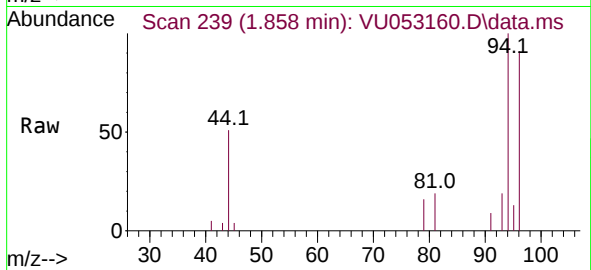




#5
Bromomethane
Concen: 0.958 ug/l
RT: 1.858 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

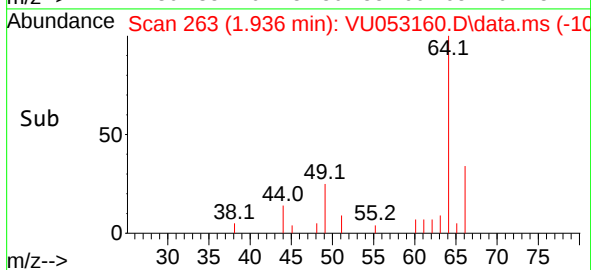
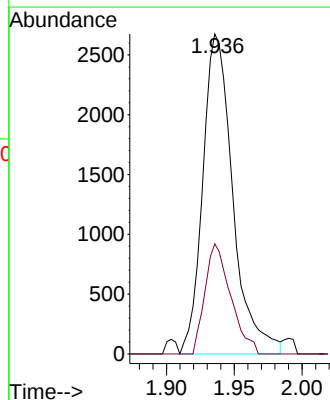
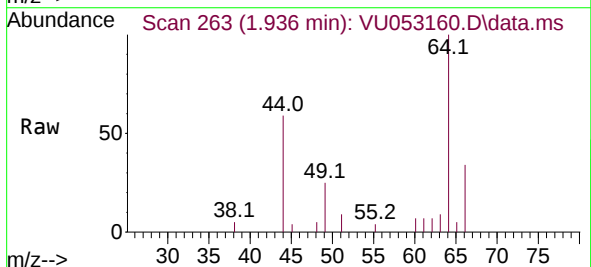
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

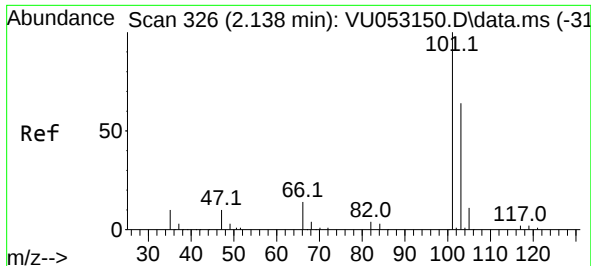
Tgt Ion: 94 Resp: 3699
Ion Ratio Lower Upper
94 100
96 91.5 72.6 108.8



#6
Chloroethane
Concen: 1.005 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 64 Resp: 4139
Ion Ratio Lower Upper
64 100
66 34.4 26.8 40.2

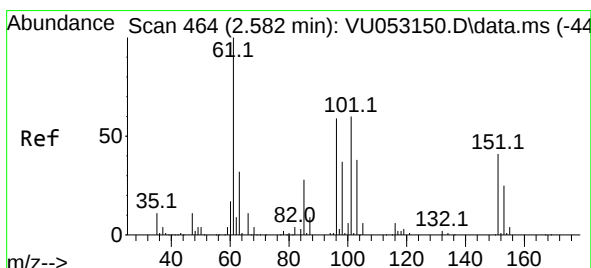
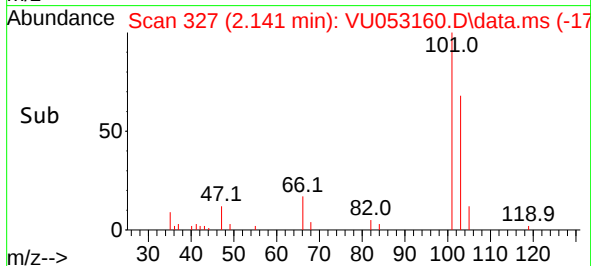
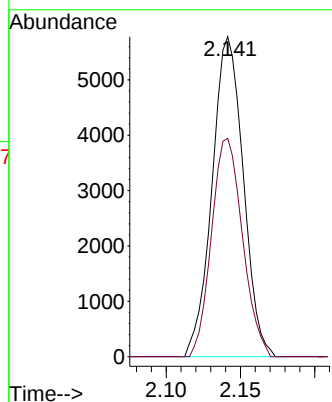
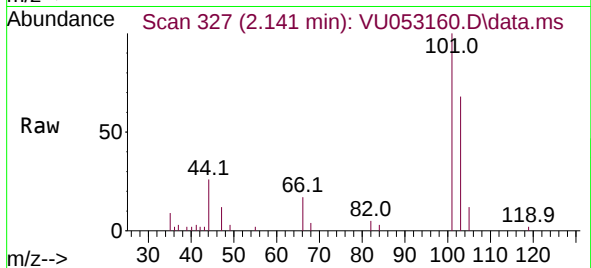




#7
 Trichlorofluoromethane
 Concen: 0.865 ug/l
 RT: 2.141 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

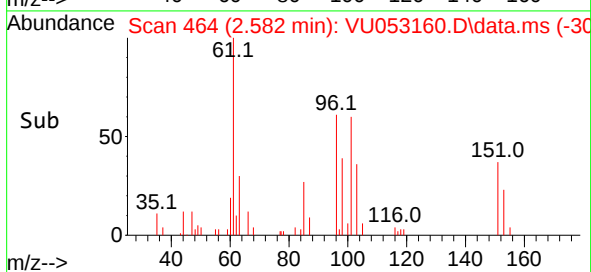
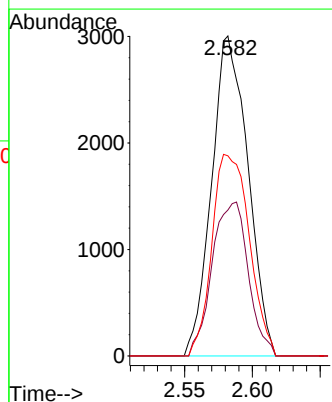
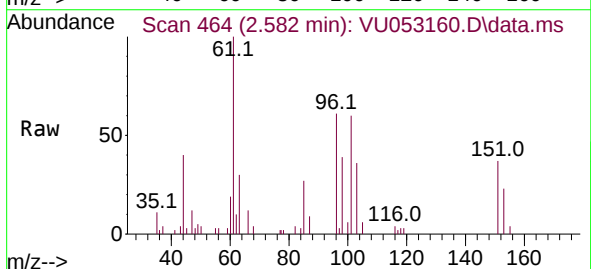
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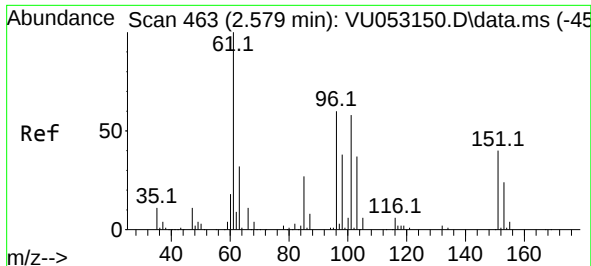
Tgt Ion:101 Resp: 8444
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.915 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

Tgt Ion:101 Resp: 5582
 Ion Ratio Lower Upper
 101 100
 85 48.0 37.3 55.9
 151 65.0 52.4 78.6

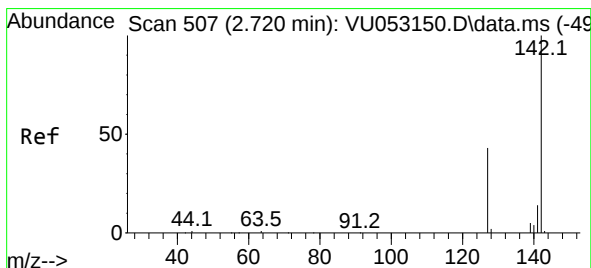
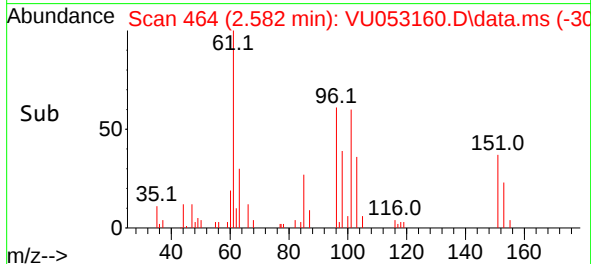
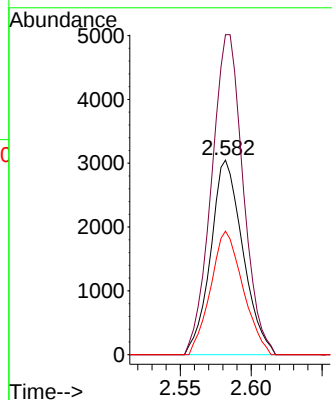
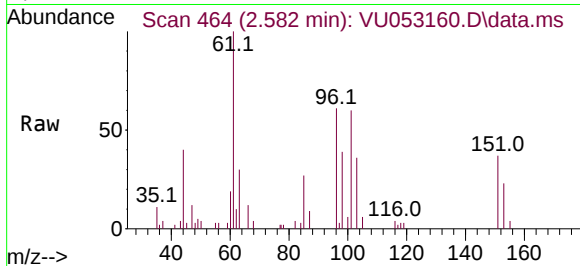




#9
1,1-Dichloroethene
Concen: 0.909 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

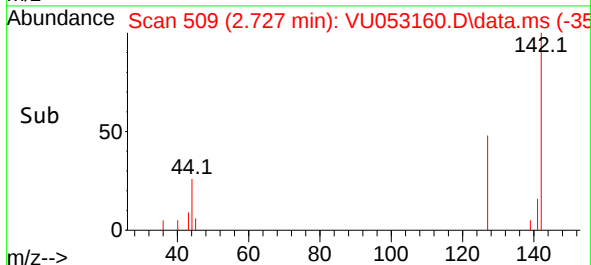
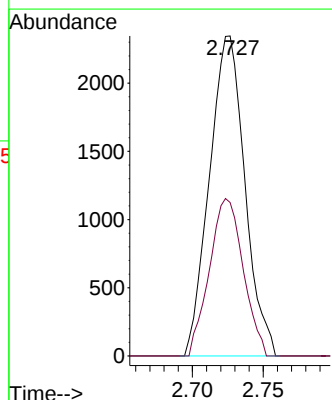
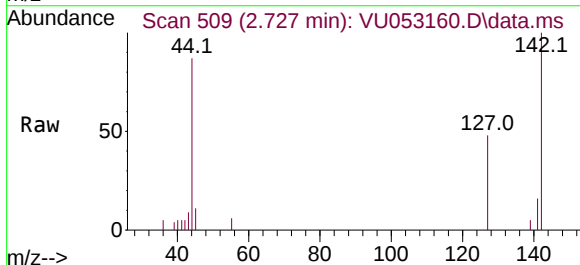
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ClientSampleId :
RL CHECK

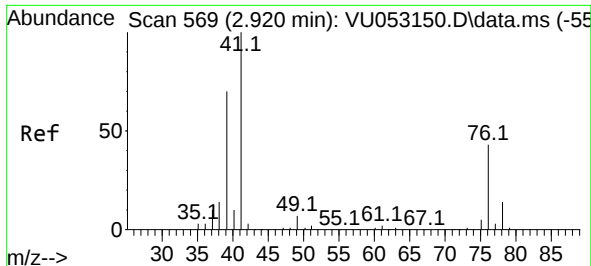
Tgt Ion: 96 Resp: 4819
Ion Ratio Lower Upper
96 100
61 164.4 0.0 502.5
98 63.5 0.0 126.2



#10
Iodomethane
Concen: 0.749 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 142 Resp: 4082
Ion Ratio Lower Upper
142 100
127 46.8 35.8 53.8

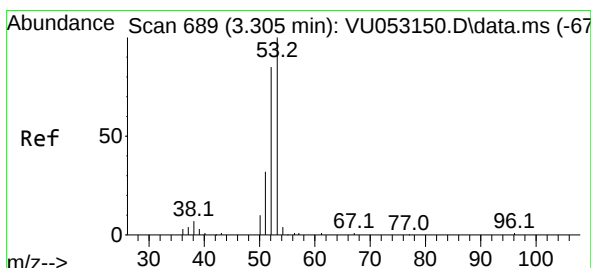
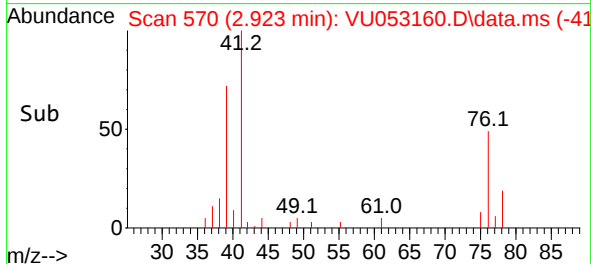
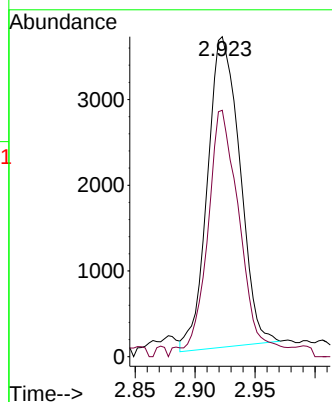
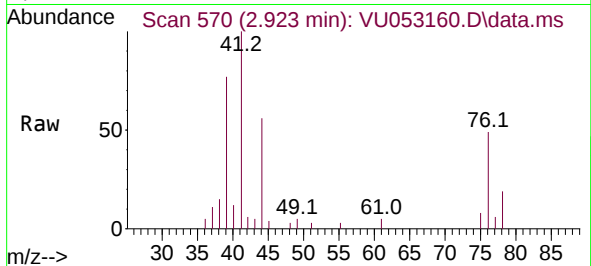




#11
 Allyl Chloride
 Concen: 0.823 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

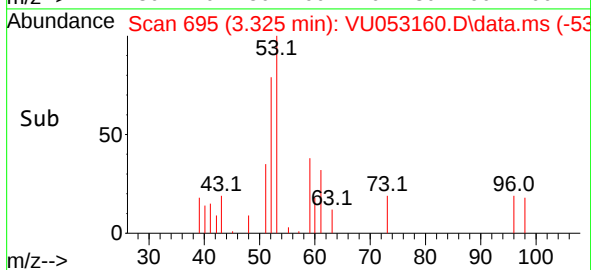
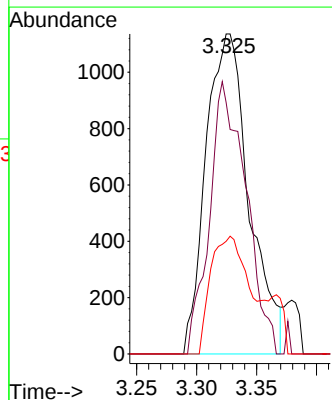
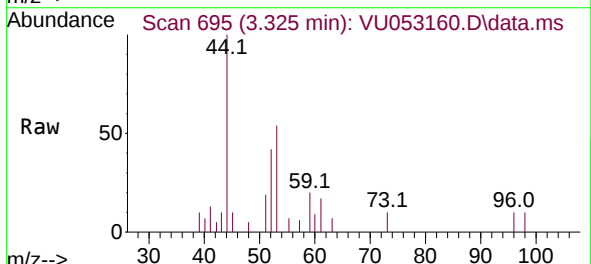
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

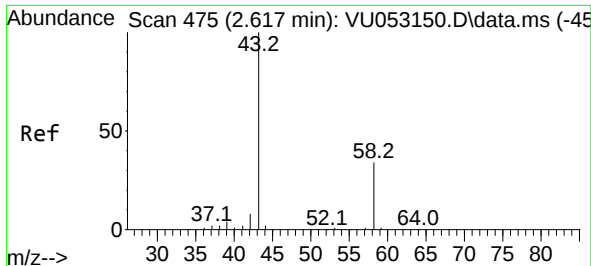
Tgt Ion: 41 Resp: 6810
 Ion Ratio Lower Upper
 41 100
 39 79.4 55.3 82.9



#12
 Acrylonitrile
 Concen: 2.094 ug/l
 RT: 3.325 min Scan# 695
 Delta R.T. 0.019 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

Tgt Ion: 53 Resp: 2842
 Ion Ratio Lower Upper
 53 100
 52 72.1 65.9 98.9
 51 32.3 31.8 47.8





#13

Acetone

Concen: 2.573 ug/l

RT: 2.649 min Scan# 41

Delta R.T. 0.032 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

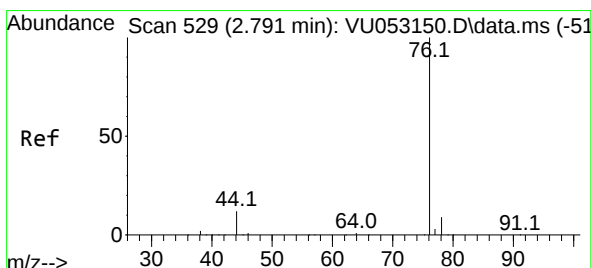
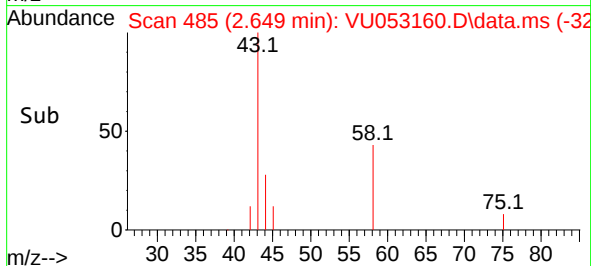
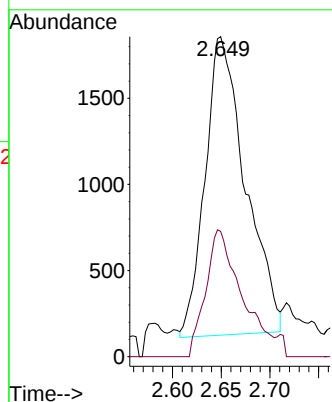
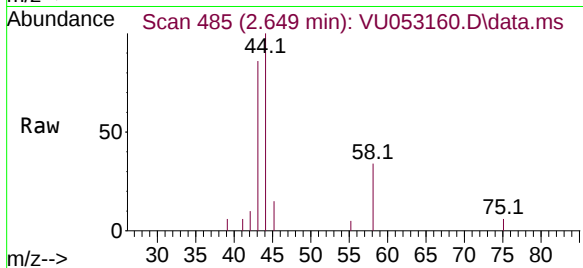
RL CHECK

Tgt Ion: 43 Resp: 4992

Ion Ratio Lower Upper

43 100

58 42.4 27.2 40.8#



#14

Carbon Disulfide

Concen: 0.898 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053160.D

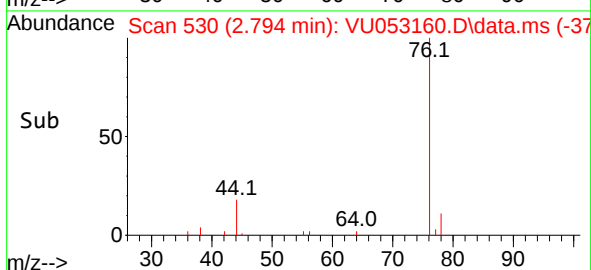
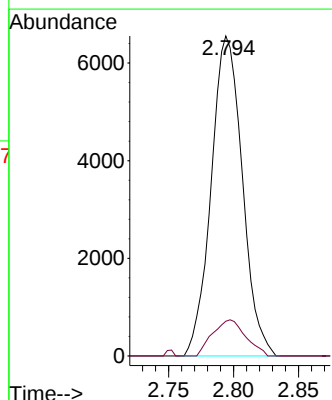
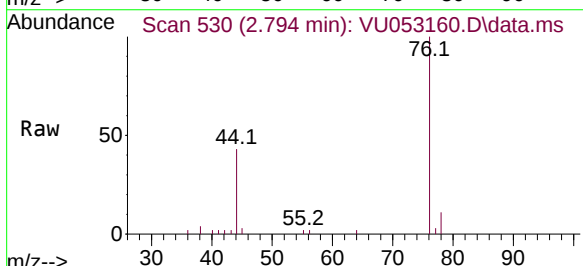
Acq: 27 Feb 2023 19:24

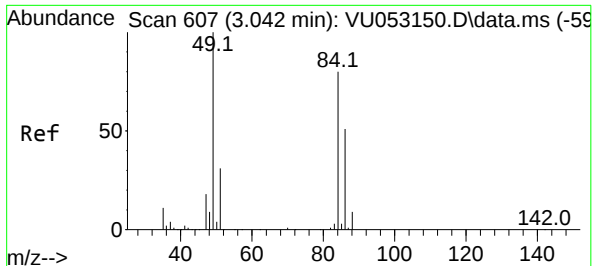
Tgt Ion: 76 Resp: 10920

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8#

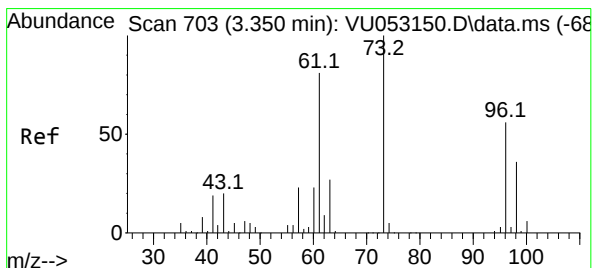
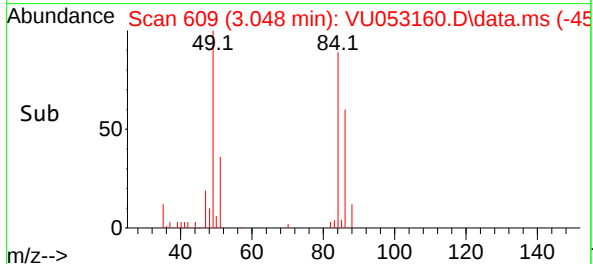
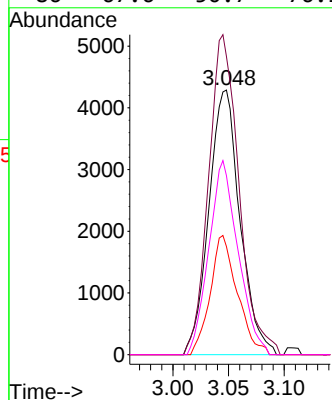
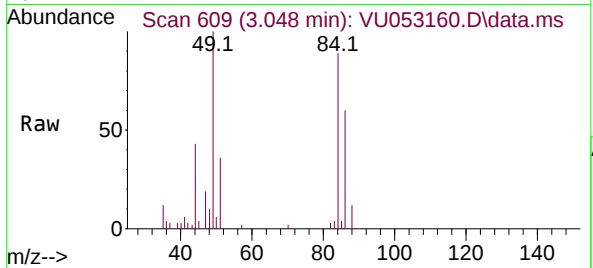




#15
Methylene Chloride
Concen: 1.102 ug/l
RT: 3.048 min Scan# 607
Delta R.T. 0.006 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

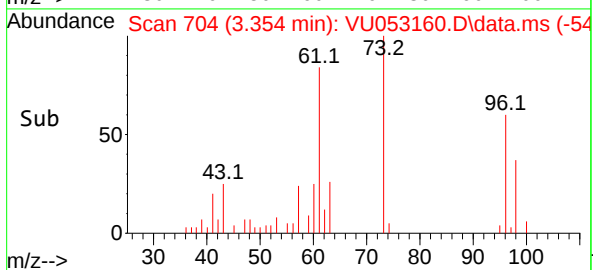
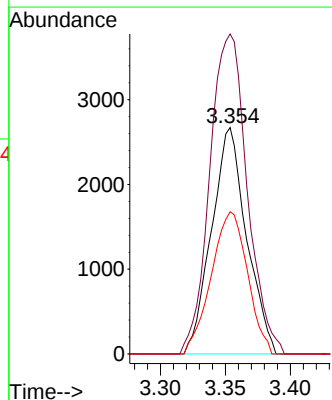
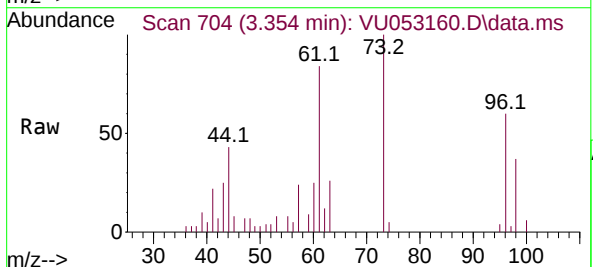
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

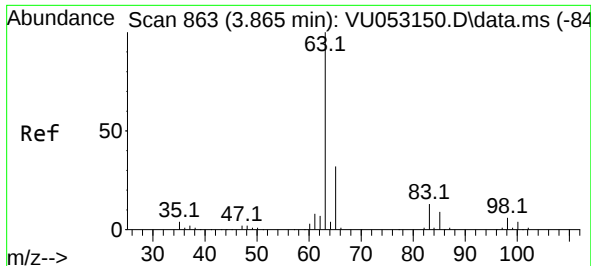
Tgt Ion: 84	Resp: 8352
Ion Ratio	Lower Upper
84 100	
49 112.7	99.5 149.3
51 40.9	0.0 76.8
86 67.6	50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 0.860 ug/l
RT: 3.354 min Scan# 704
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 96	Resp: 5009		
Ion Ratio	Lower	Upper	
96 100			
61 141.3	116.1	174.1	
98 62.8	51.4	77.2	





#17

1,1-Dichloroethane

Concen: 0.924 ug/l

RT: 3.868 min Scan# 864

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

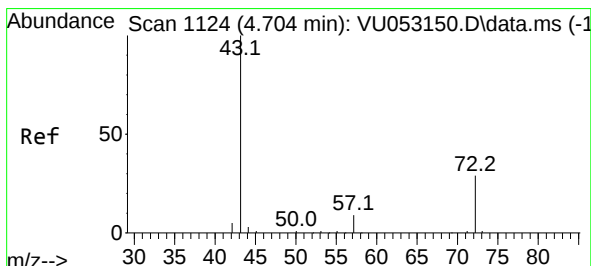
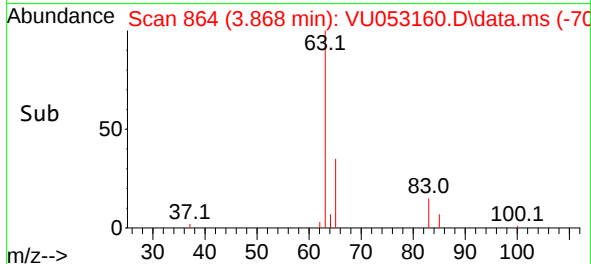
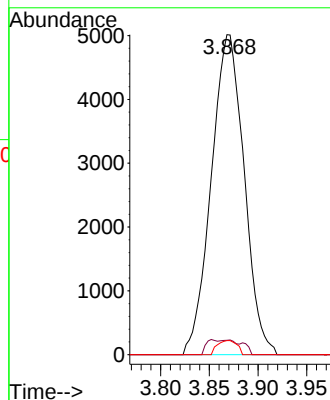
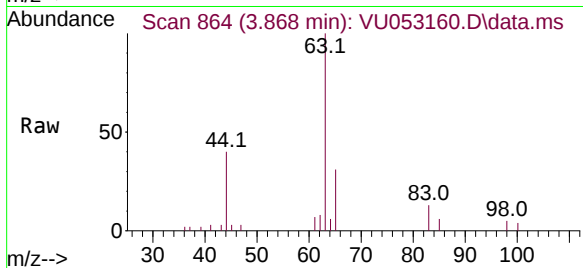
Tgt Ion: 63 Resp: 11777

Ion Ratio Lower Upper

63 100

98 4.5 3.1 9.4

100 4.4 2.1 6.2



#18

2-Butanone

Concen: 3.428 ug/l

RT: 4.736 min Scan# 1134

Delta R.T. 0.032 min

Lab File: VU053160.D

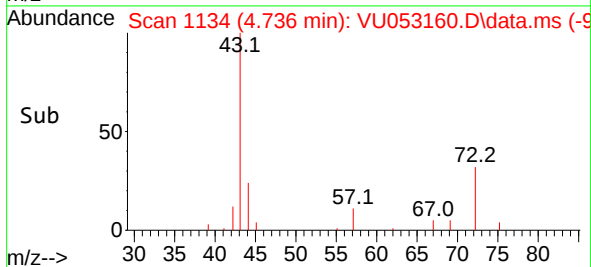
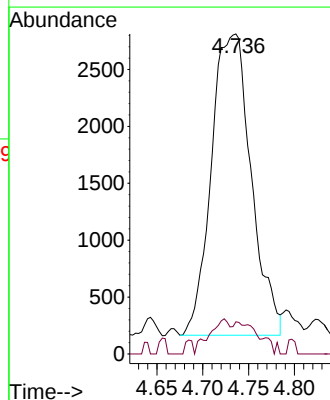
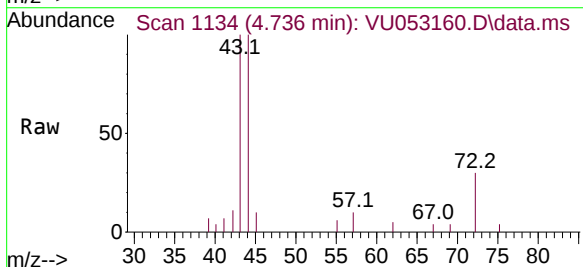
Acq: 27 Feb 2023 19:24

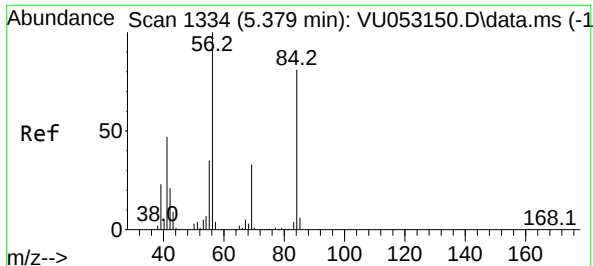
Tgt Ion: 43 Resp: 7986

Ion Ratio Lower Upper

43 100

57 10.7 0.0 17.6





#19

Cyclohexane

Concen: 0.809 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

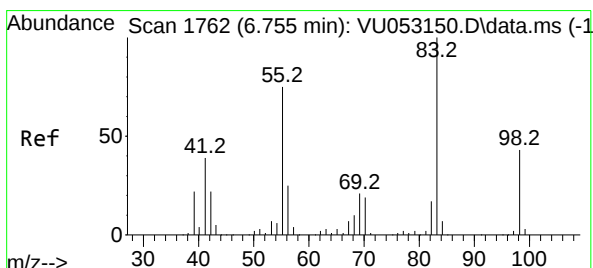
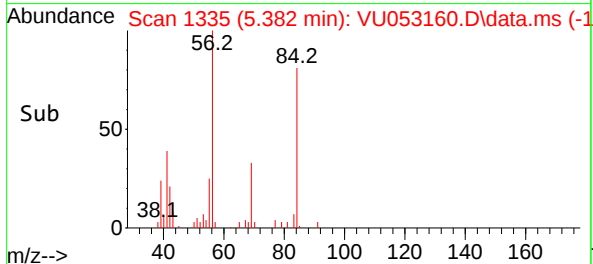
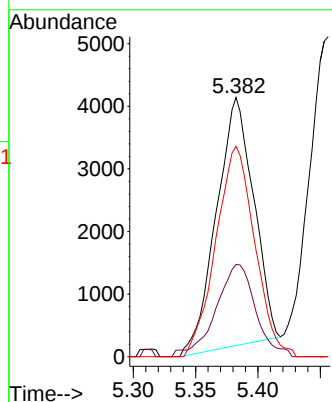
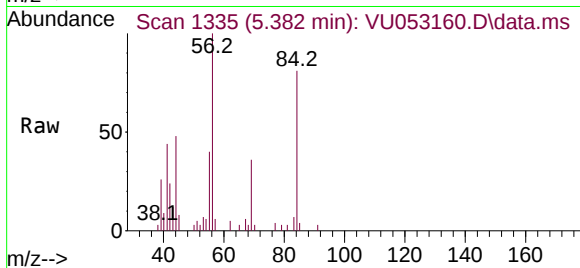
Tgt Ion: 56 Resp: 8238

Ion Ratio Lower Upper

56 100

69 39.5 26.1 39.1#

84 88.5 64.7 97.1



#20

Methylcyclohexane

Concen: 0.893 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

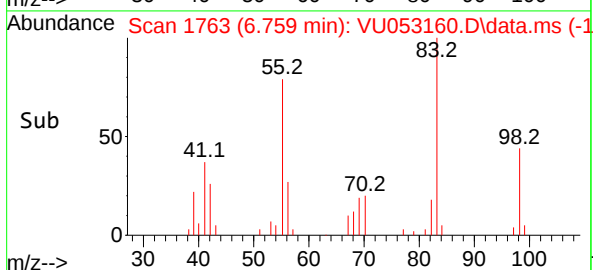
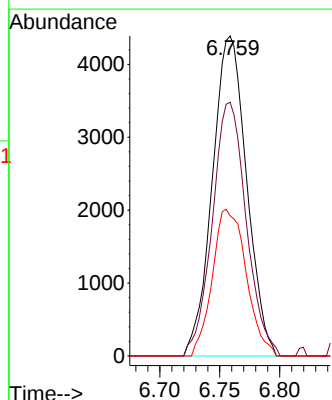
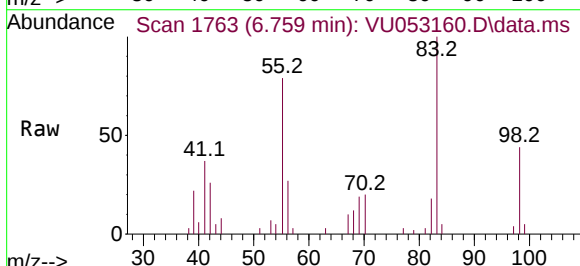
Tgt Ion: 83 Resp: 8729

Ion Ratio Lower Upper

83 100

55 78.5 60.2 90.2

98 45.2 33.9 50.9





#21

2,2-Dichloropropane

Concen: 0.943 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

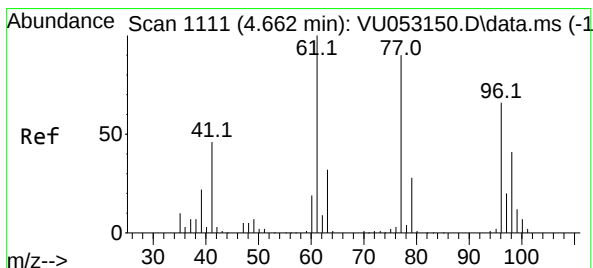
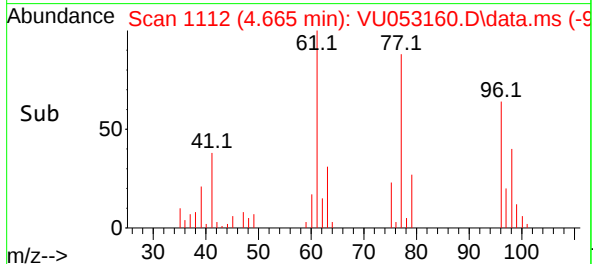
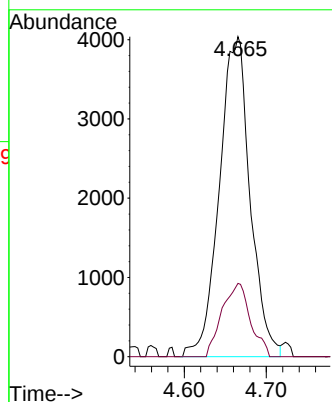
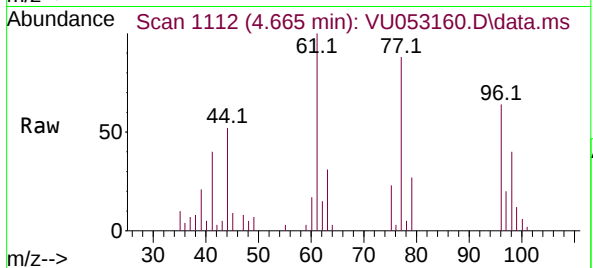
RL CHECK

Tgt Ion: 77 Resp: 10531

Ion Ratio Lower Upper

77 100

97 21.1 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 0.903 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

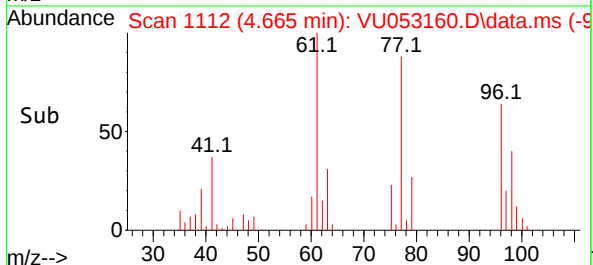
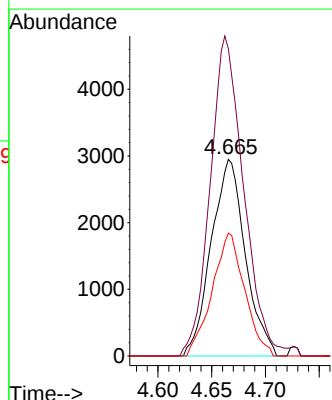
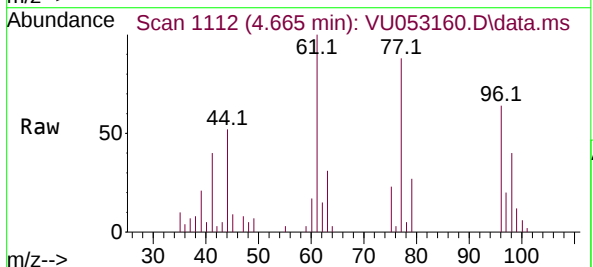
Tgt Ion: 96 Resp: 6496

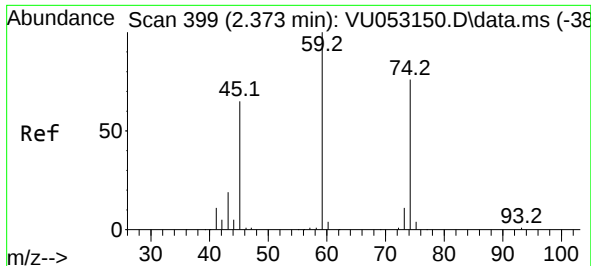
Ion Ratio Lower Upper

96 100

61 159.5 0.0 390.5

98 59.3 31.9 95.9





#23

Diethyl Ether

Concen: 0.880 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

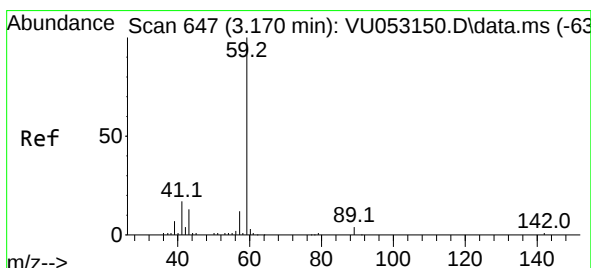
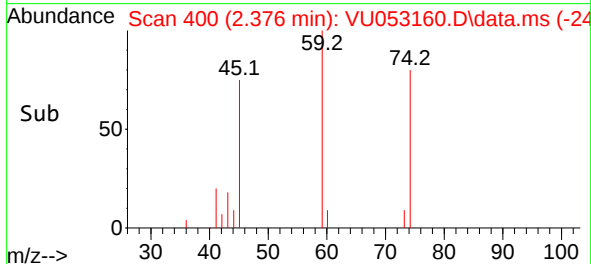
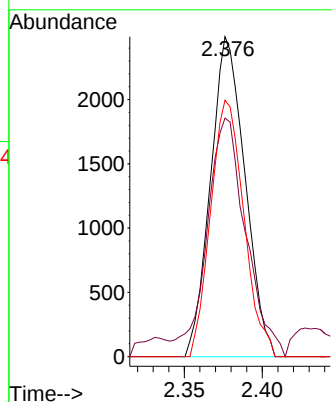
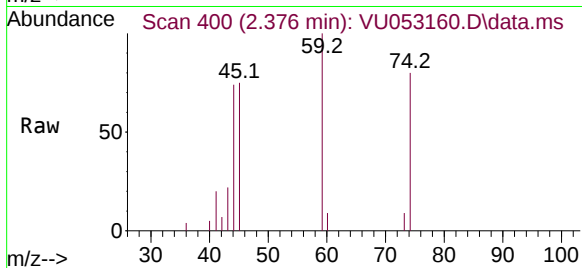
Tgt Ion: 59 Resp: 3817

Ion Ratio Lower Upper

59 100

45 84.2 54.2 81.2#

74 77.3 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 0.336 ug/l

RT: 3.177 min Scan# 649

Delta R.T. 0.006 min

Lab File: VU053160.D

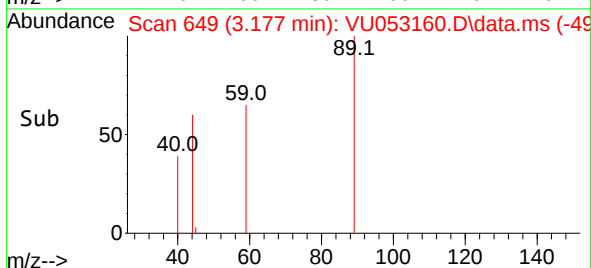
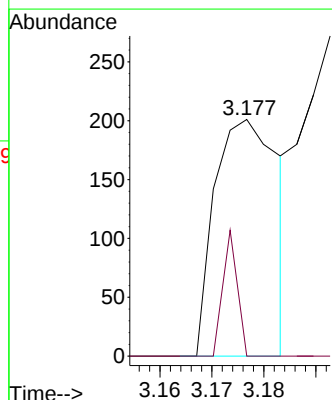
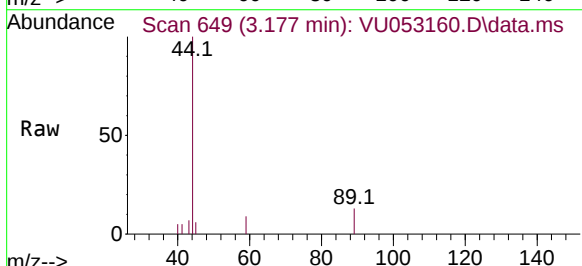
Acq: 27 Feb 2023 19:24

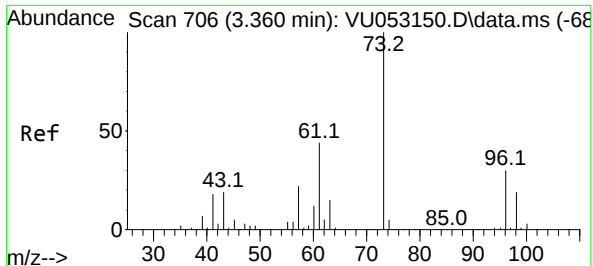
Tgt Ion: 59 Resp: 171

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#





#25

Methyl tert-Butyl Ether

Concen: 0.951 ug/l

RT: 3.370 min Scan# 706

Delta R.T. 0.010 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

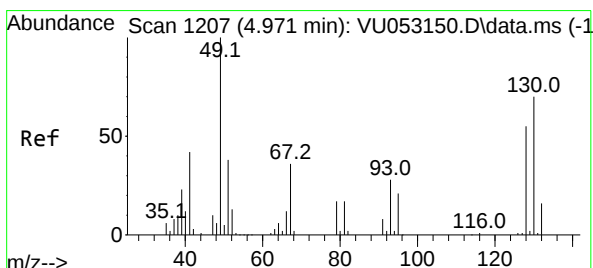
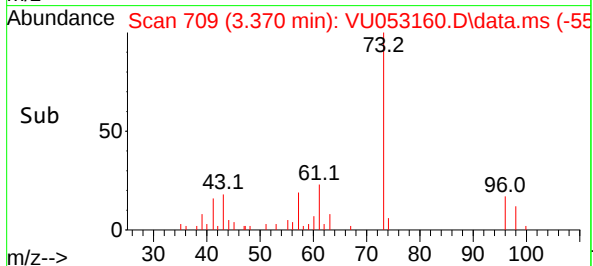
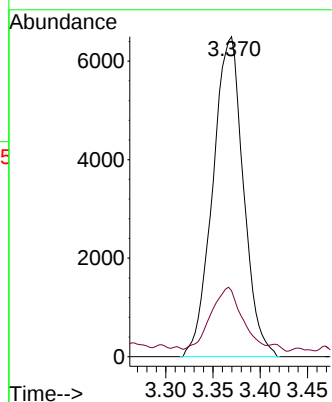
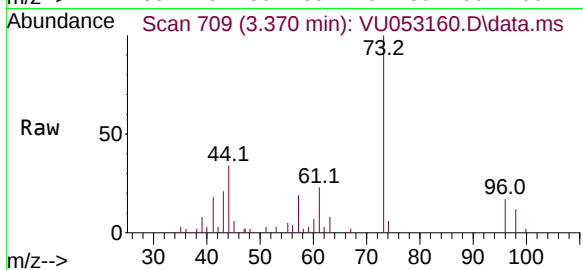
RL CHECK

Tgt Ion: 73 Resp: 14653

Ion Ratio Lower Upper

73 100

43 19.5 15.0 22.6



#26

Bromochloromethane

Concen: 0.863 ug/l

RT: 4.974 min Scan# 1208

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

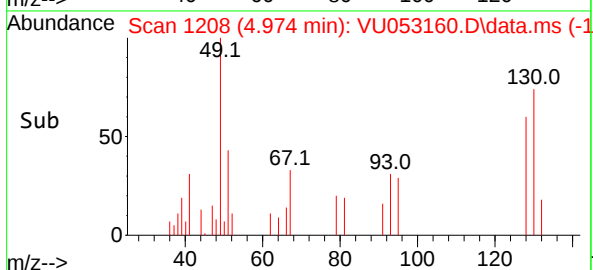
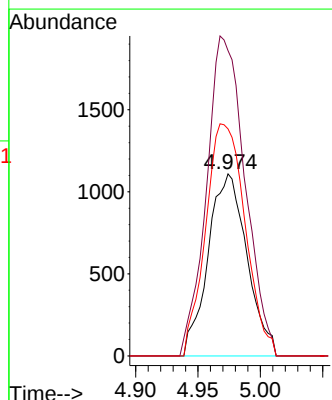
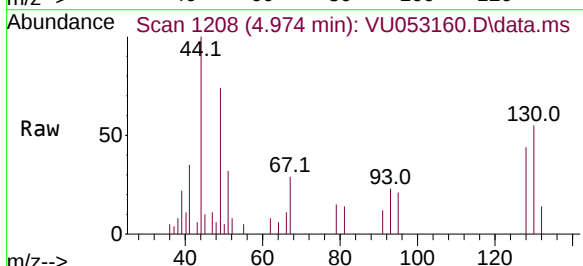
Tgt Ion:128 Resp: 2400

Ion Ratio Lower Upper

128 100

49 174.5 0.0 376.8

130 130.2 104.8 157.2





#27

Chloroform

Concen: 0.875 ug/l

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

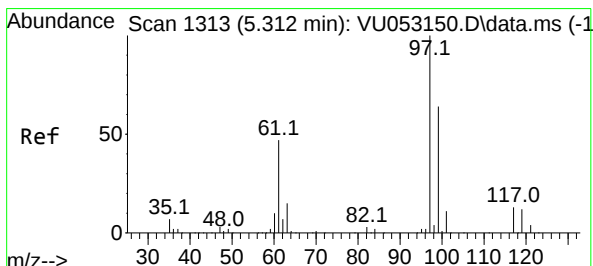
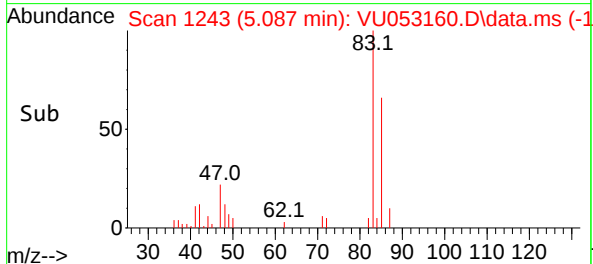
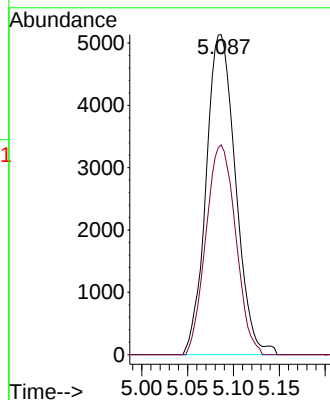
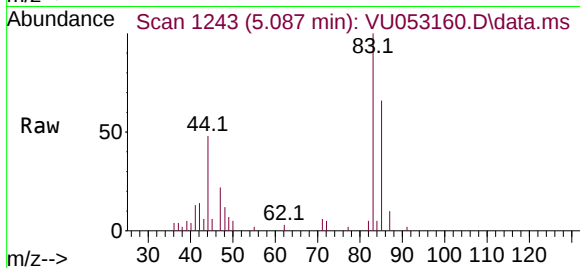
RL CHECK

Tgt Ion: 83 Resp: 11499

Ion Ratio Lower Upper

83 100

85 65.6 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 0.890 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

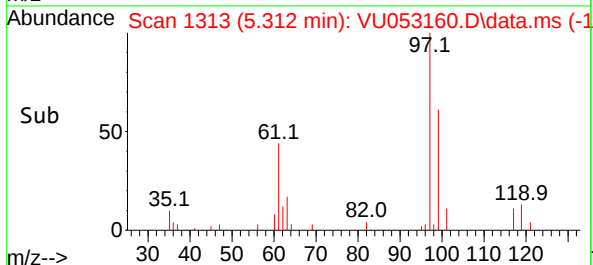
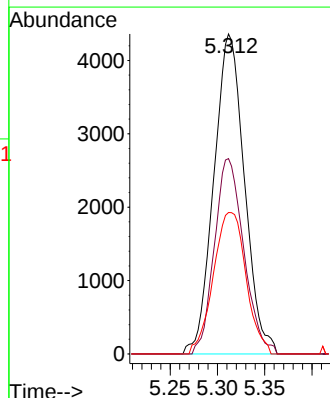
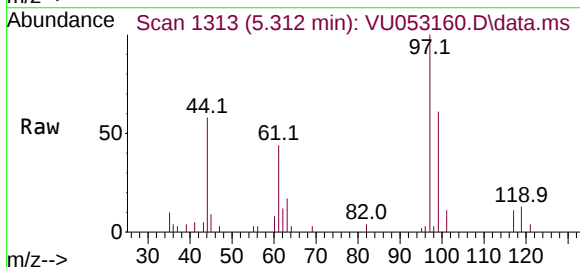
Tgt Ion: 97 Resp: 9822

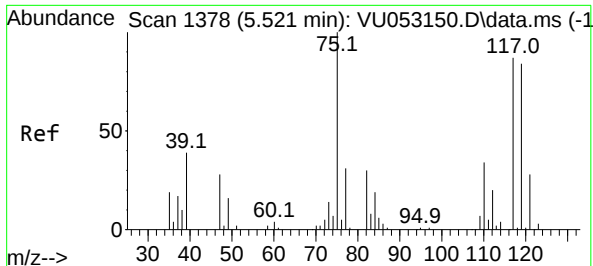
Ion Ratio Lower Upper

97 100

99 58.6 31.6 94.8

61 47.1 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.900 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

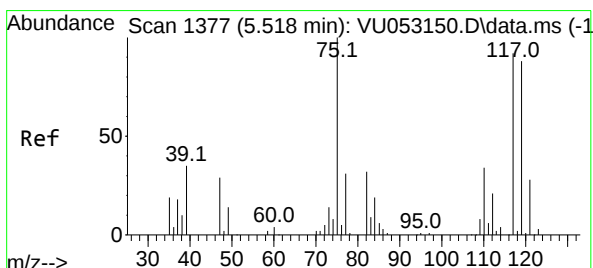
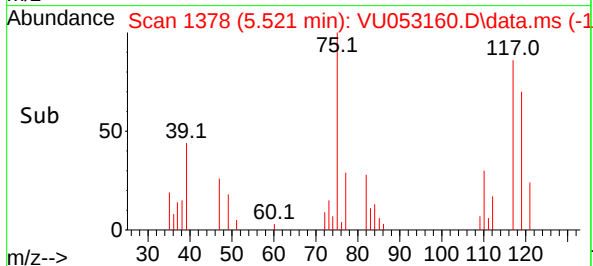
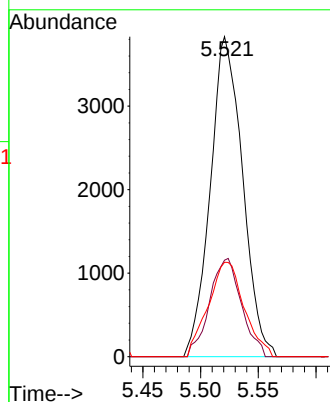
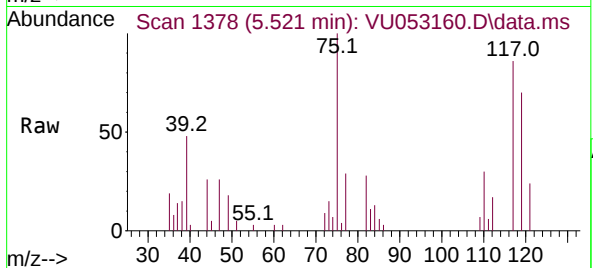
Tgt Ion: 75 Resp: 7447

Ion Ratio Lower Upper

75 100

110 30.3 16.3 48.8

77 32.8 24.9 37.3



#30

Carbon Tetrachloride

Concen: 0.859 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

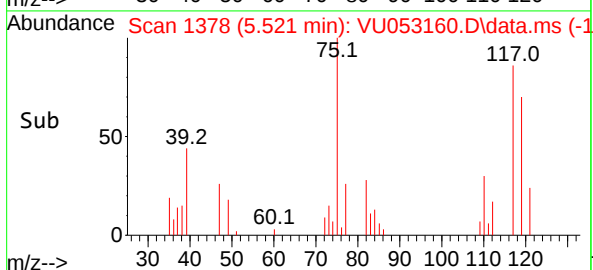
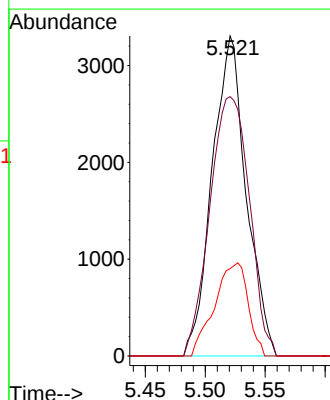
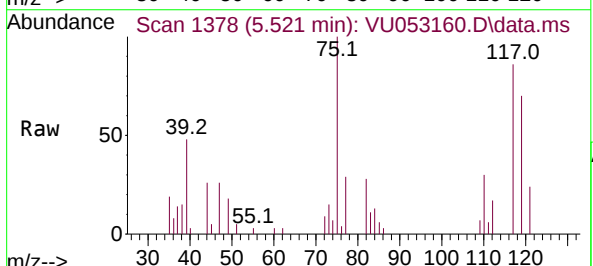
Tgt Ion: 117 Resp: 6528

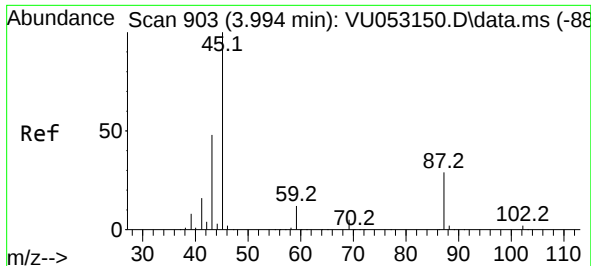
Ion Ratio Lower Upper

117 100

119 81.0 76.2 114.2

121 27.3 24.6 36.8

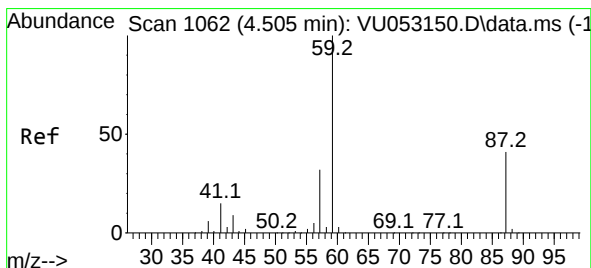
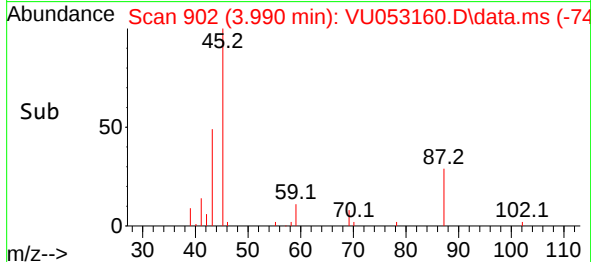
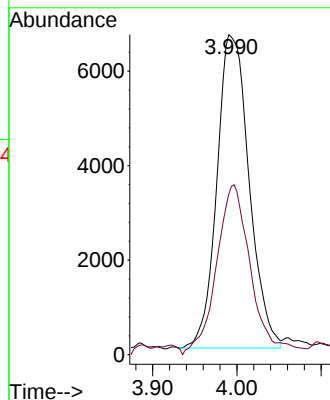
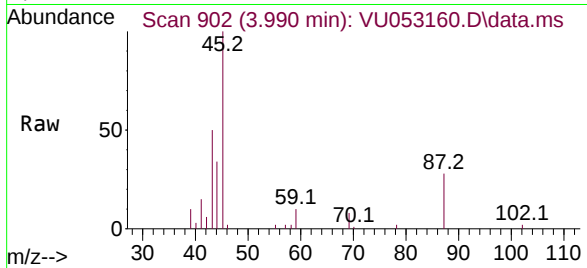




#31
Isopropyl Ether
Concen: 0.866 ug/l
RT: 3.990 min Scan# 903
Delta R.T. -0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

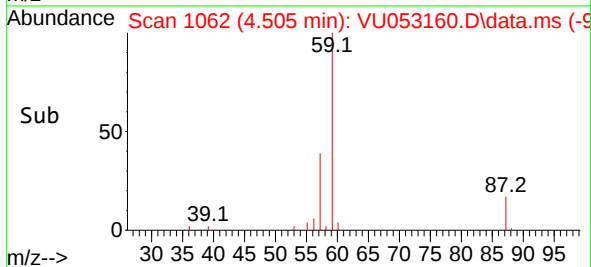
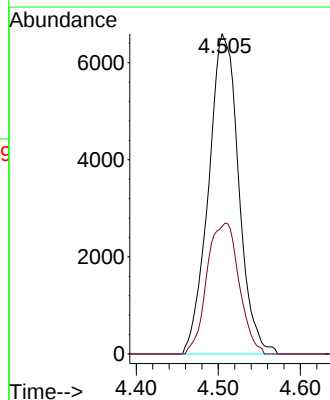
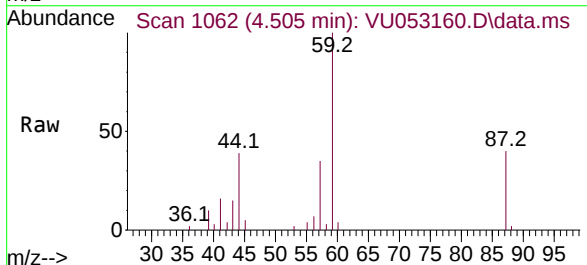
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

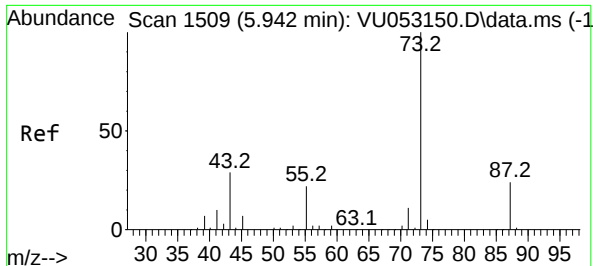
Tgt Ion: 45 Resp: 17617
Ion Ratio Lower Upper
45 100
43 58.1 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 0.874 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 59 Resp: 16841
Ion Ratio Lower Upper
59 100
87 43.5 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.944 ug/l

RT: 5.945 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

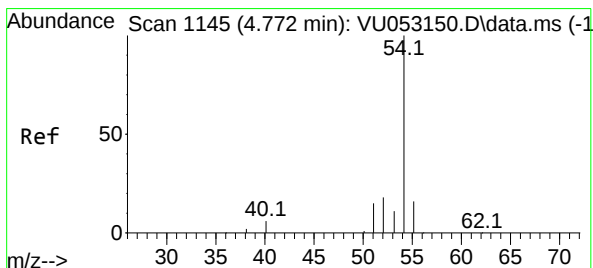
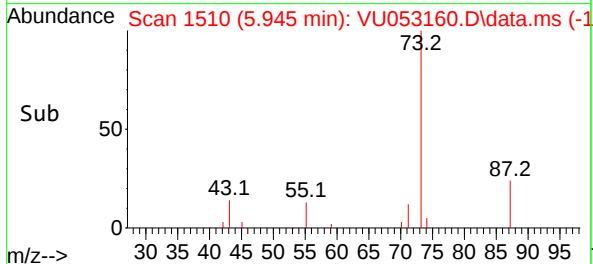
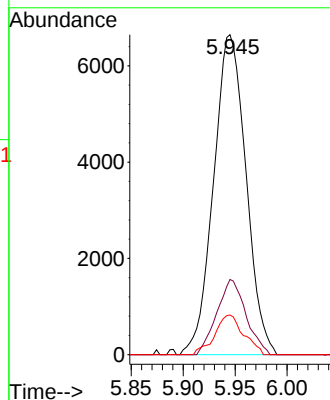
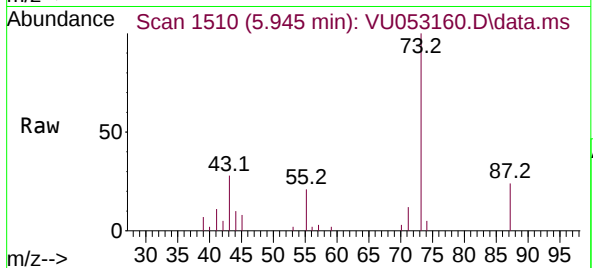
Tgt Ion: 73 Resp: 14436

Ion Ratio Lower Upper

73 100

87 21.1 19.0 28.4

71 11.1 9.2 13.8



#34

Propionitrile

Concen: 4.207 ug/l

RT: 4.800 min Scan# 1154

Delta R.T. 0.029 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Tgt Ion: 54 Resp: 2280

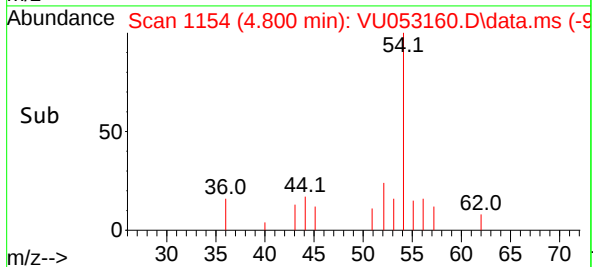
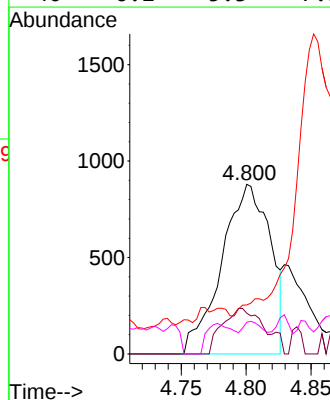
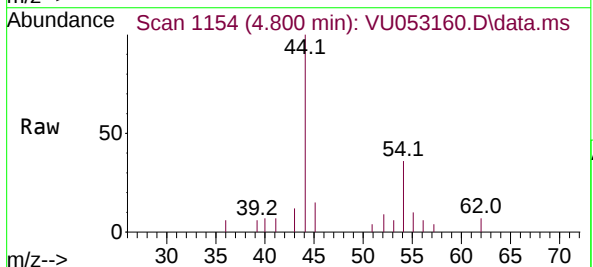
Ion Ratio Lower Upper

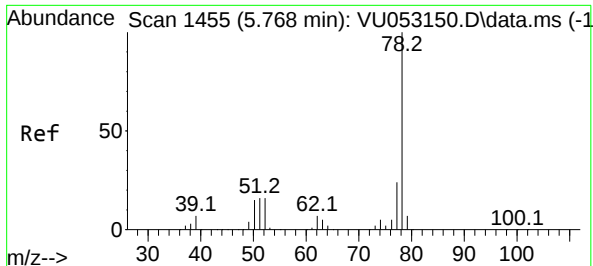
54 100

52 23.4 16.5 24.7

55 0.0 11.4 17.2#

40 6.2 5.3 7.9





#35

Benzene

Concen: 0.900 ug/l

RT: 5.771 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

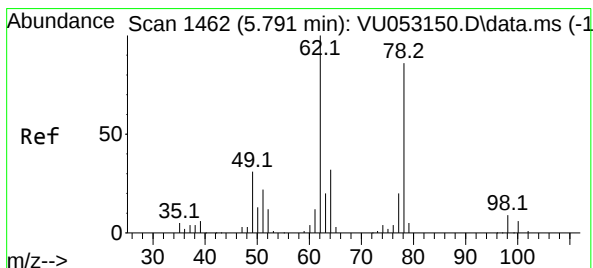
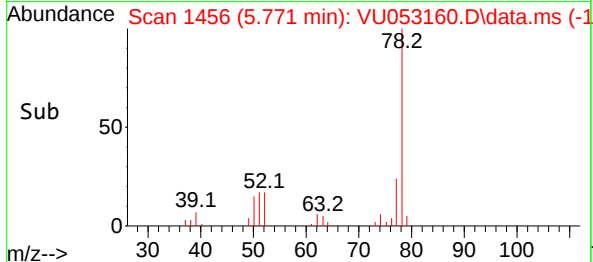
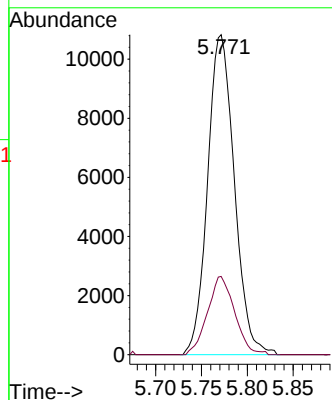
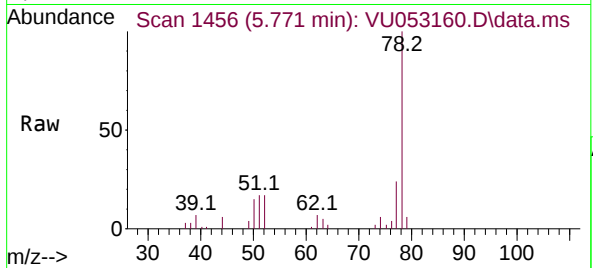
RL CHECK

Tgt Ion: 78 Resp: 21954

Ion Ratio Lower Upper

78 100

77 24.5 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.906 ug/l

RT: 5.797 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VU053160.D

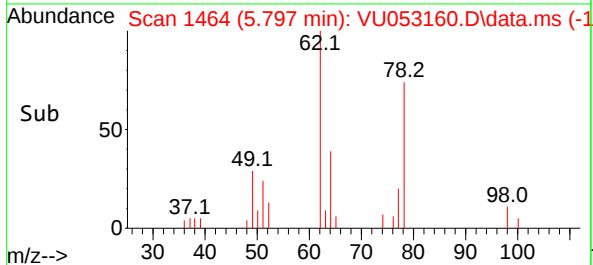
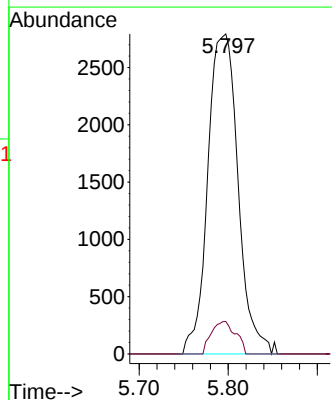
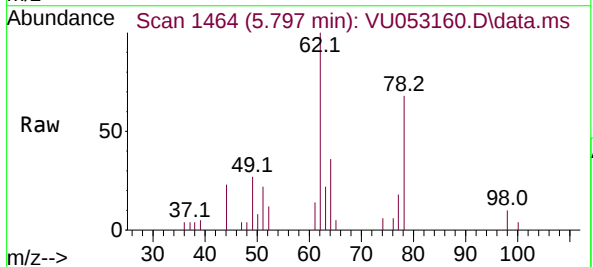
Acq: 27 Feb 2023 19:24

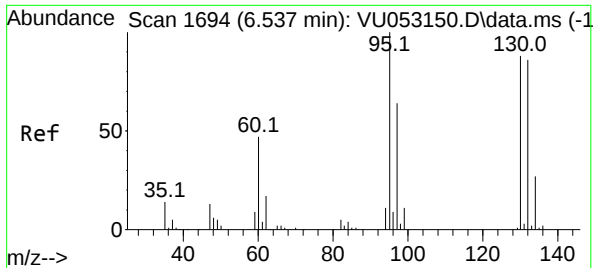
Tgt Ion: 62 Resp: 6608

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.4

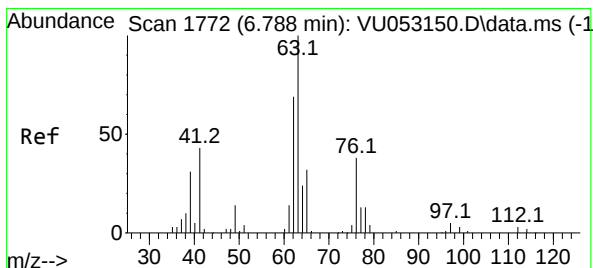
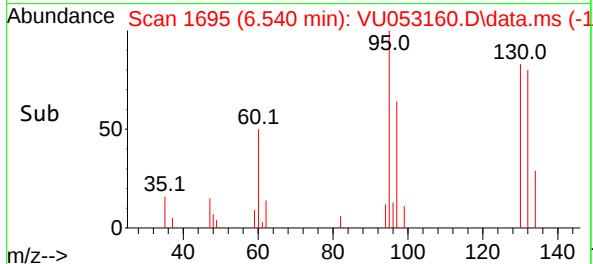
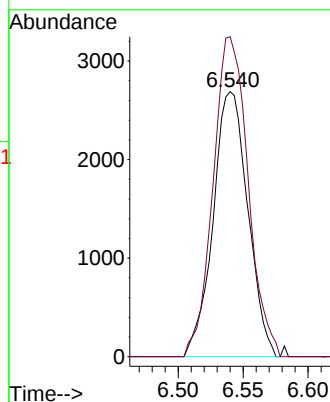
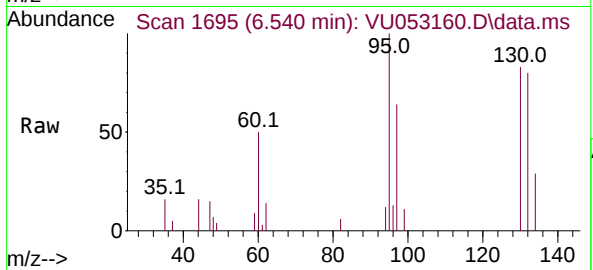




#37
Trichloroethene
Concen: 0.893 ug/l
RT: 6.540 min Scan# 1694
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

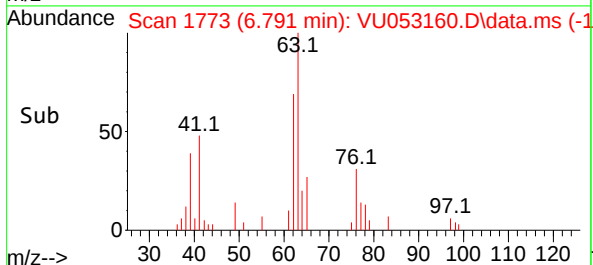
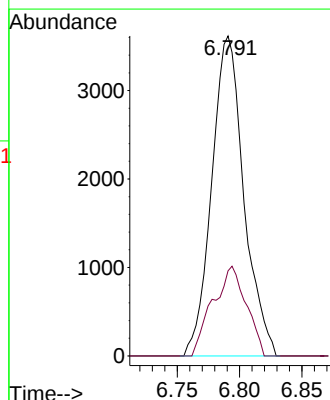
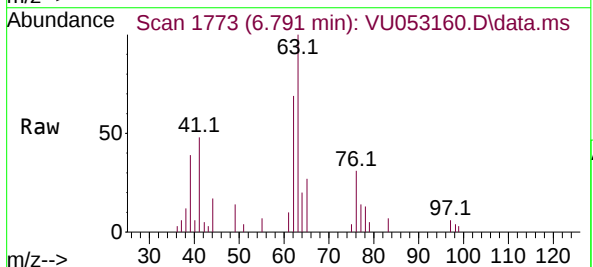
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

Tgt Ion:130 Resp: 5003
Ion Ratio Lower Upper
130 100
95 120.7 91.1 136.7



#38
1,2-Dichloropropane
Concen: 0.918 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 63 Resp: 6476
Ion Ratio Lower Upper
63 100
65 26.6 25.5 38.3





#39

Methacrylonitrile

Concen: 0.962 ug/l

RT: 4.984 min Scan# 1170

Delta R.T. 0.010 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion: 41 Resp: 2224

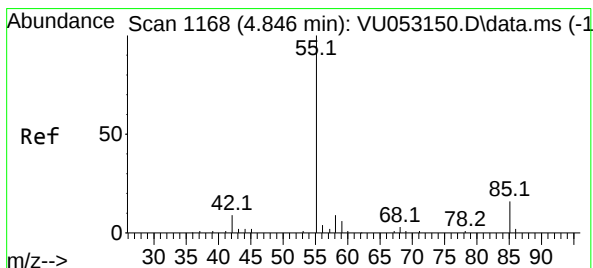
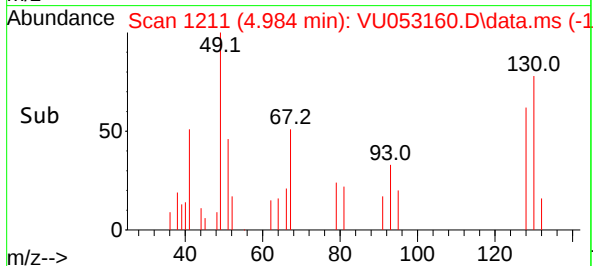
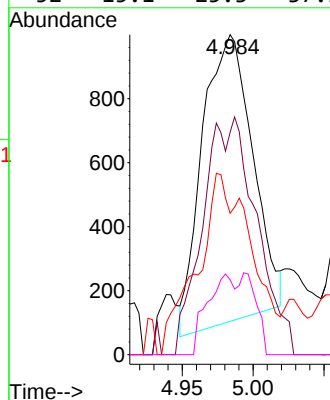
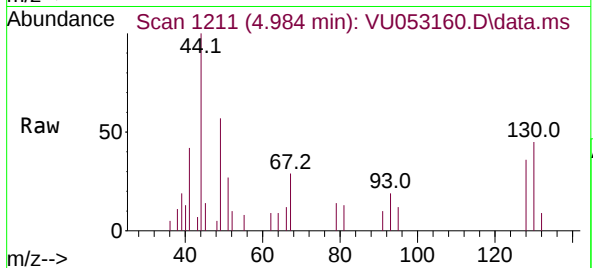
Ion Ratio Lower Upper

41 100

67 40.6 67.1 100.7#

39 40.4 42.6 64.0#

52 15.1 25.3 37.9#



#40

Methyl acrylate

Concen: 0.922 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Tgt Ion: 55 Resp: 3294

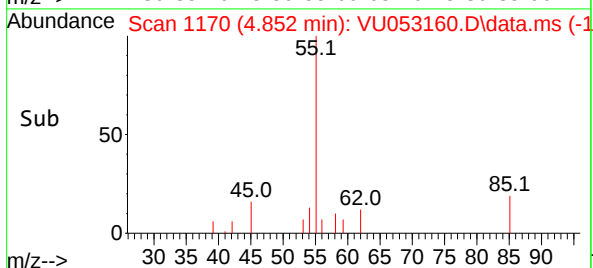
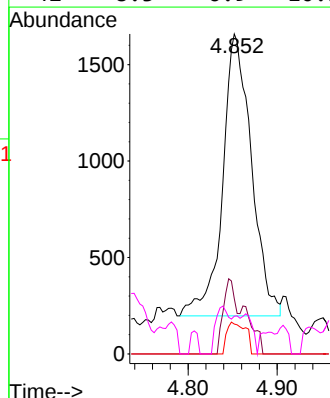
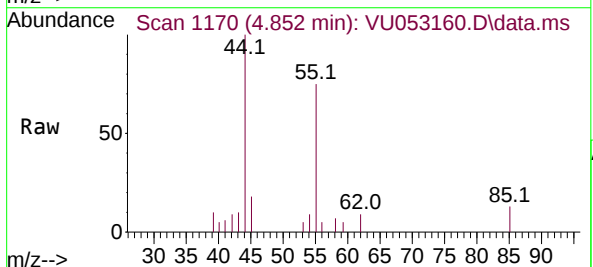
Ion Ratio Lower Upper

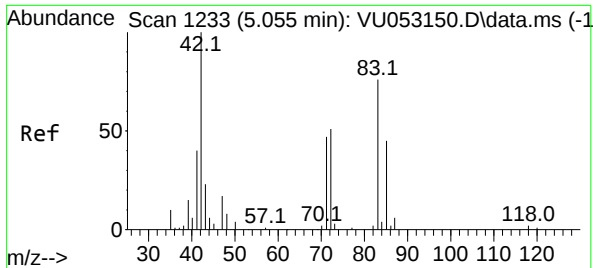
55 100

85 12.5 13.5 20.3#

58 7.3 7.3 10.9

42 8.3 6.9 10.3

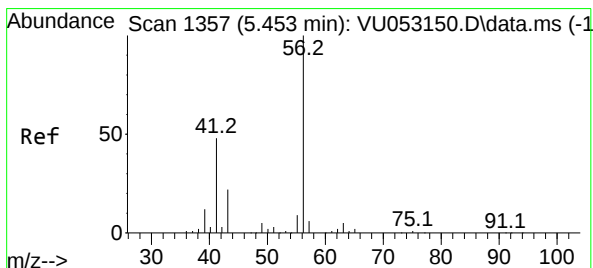
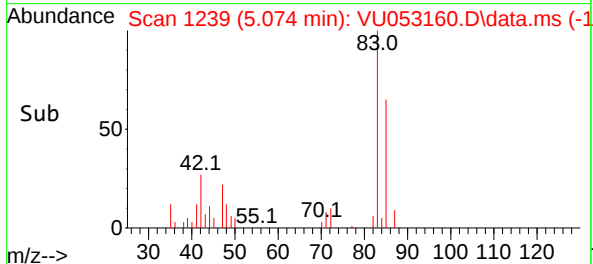
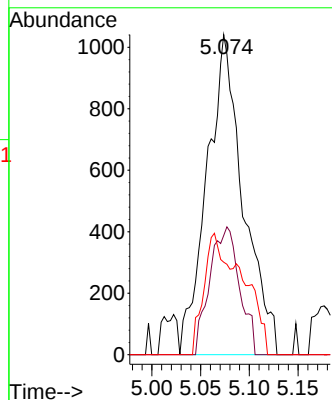
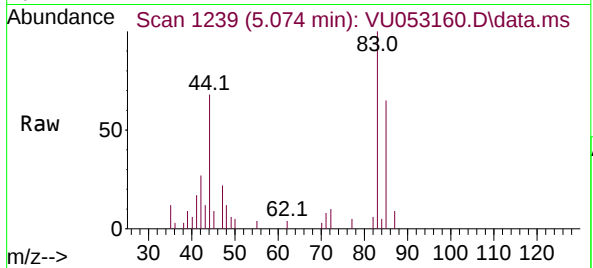




#41
Tetrahydrofuran
Concen: 2.388 ug/l
RT: 5.074 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

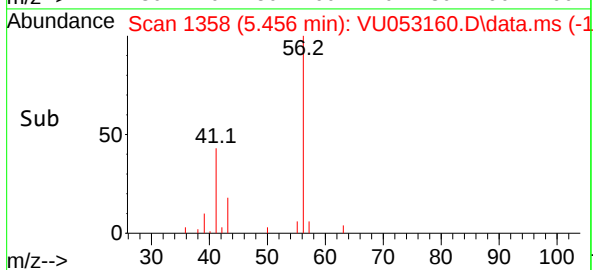
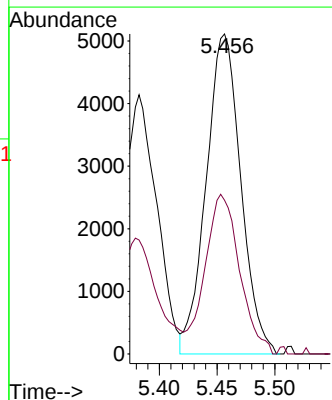
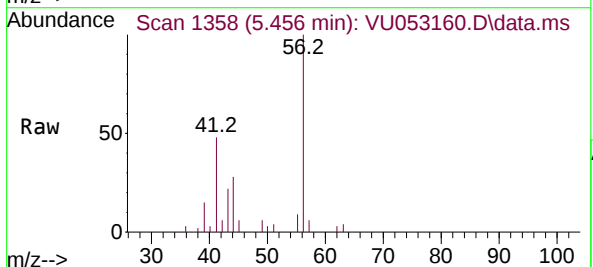
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

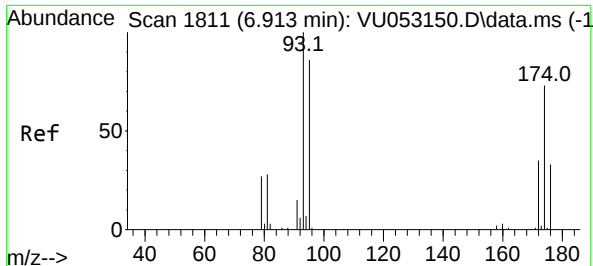
Tgt Ion: 42 Resp: 2707
Ion Ratio Lower Upper
42 100
72 32.7 41.6 62.4#
71 23.4 37.9 56.9#



#42
1-Chlorobutane
Concen: 0.927 ug/l
RT: 5.456 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 56 Resp: 10674
Ion Ratio Lower Upper
56 100
41 49.8 23.7 71.1





#43

Dibromomethane

Concen: 0.834 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

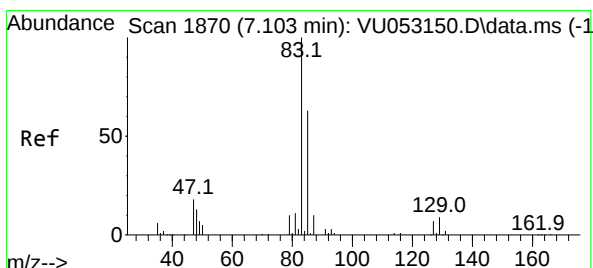
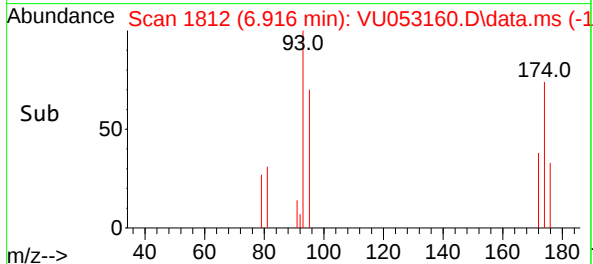
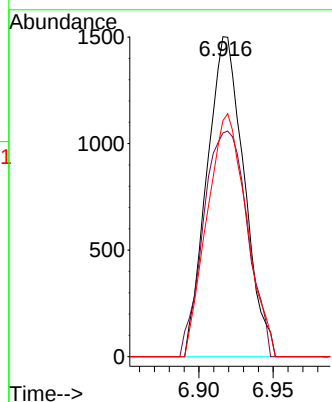
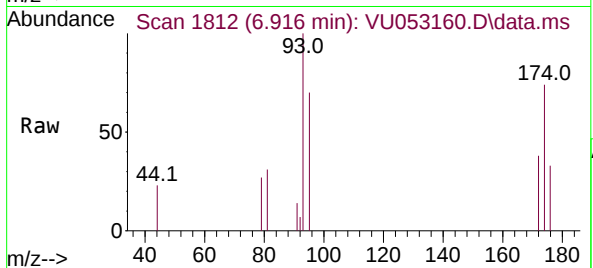
Tgt Ion: 93 Resp: 2609

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 80.8 58.2 87.4



#44

Bromodichloromethane

Concen: 0.901 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

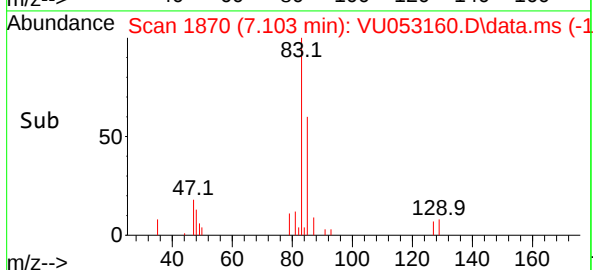
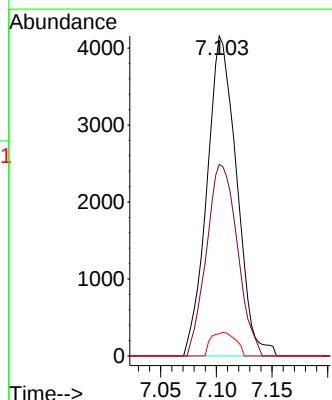
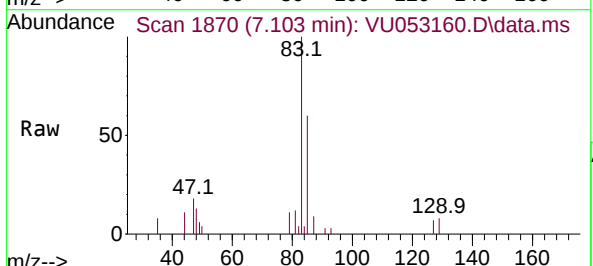
Tgt Ion: 83 Resp: 7707

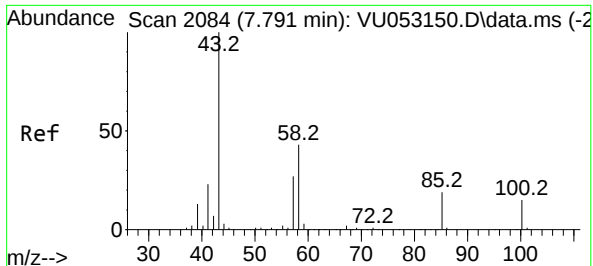
Ion Ratio Lower Upper

83 100

85 59.8 50.6 75.8

127 7.0 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 4.780 ug/l

RT: 7.797 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

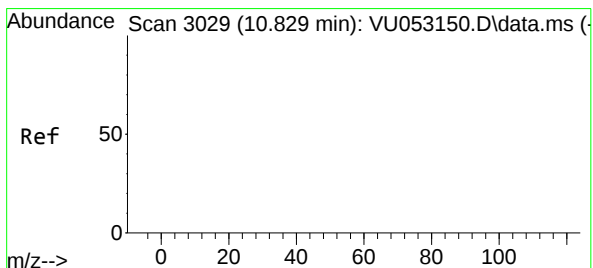
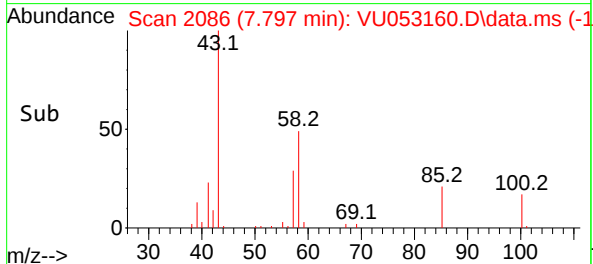
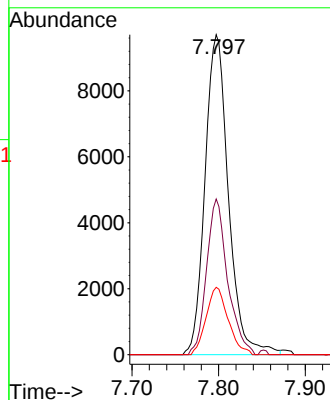
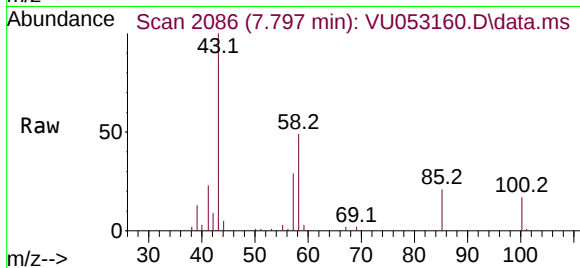
Tgt Ion: 43 Resp: 18255

Ion Ratio Lower Upper

43 100

58 43.8 22.0 66.0

85 19.8 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 3.775 ug/l

RT: 10.826 min Scan# 3028

Delta R.T. -0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Tgt Ion: 75 Resp: 7265

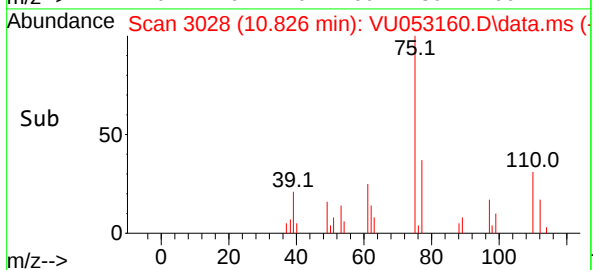
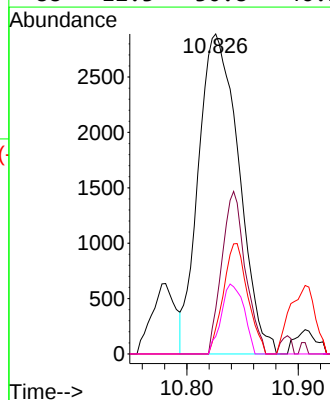
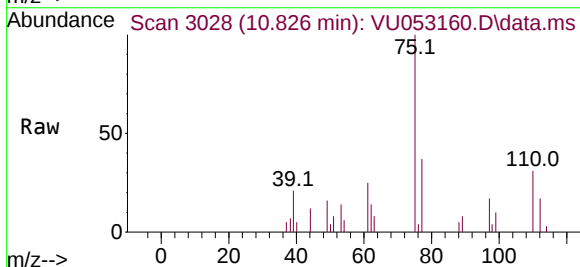
Ion Ratio Lower Upper

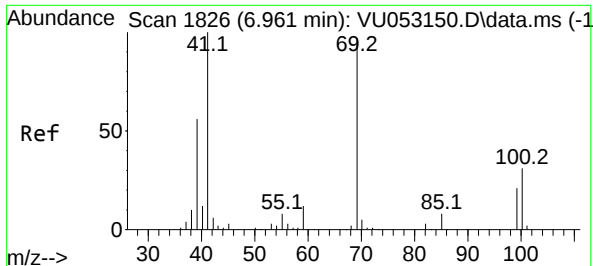
75 100

53 29.8 57.0 85.4#

89 20.8 43.1 64.7#

88 12.3 30.8 46.2#





#47

Methyl methacrylate

Concen: 1.891 ug/l

RT: 6.968 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion: 69 Resp: 6089

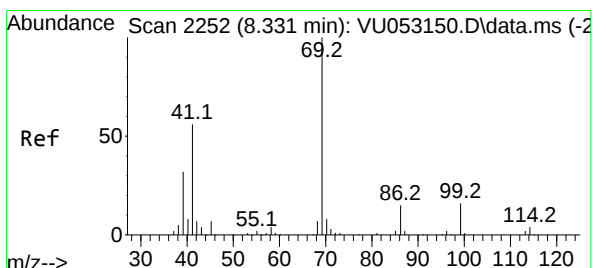
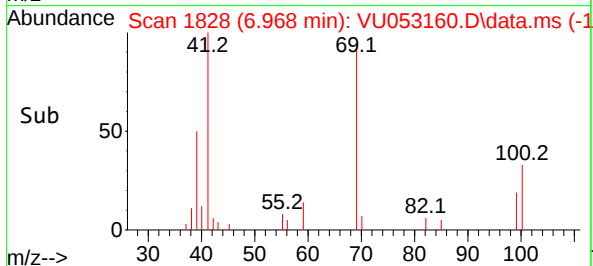
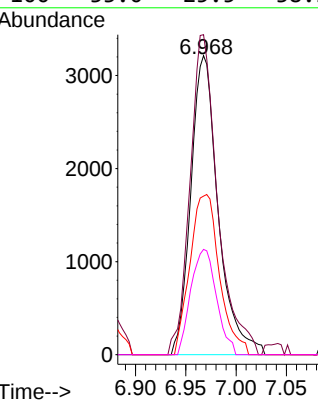
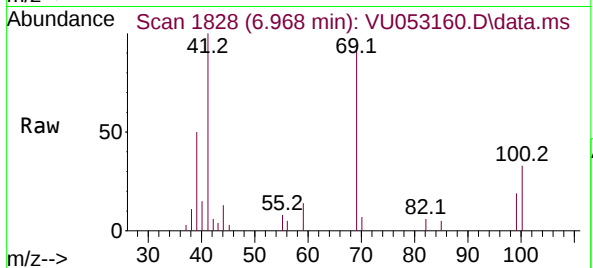
Ion Ratio Lower Upper

69 100

41 108.0 0.0 201.0

39 57.8 47.1 70.7

100 33.0 25.5 38.3



#48

Ethyl methacrylate

Concen: 0.992 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053160.D

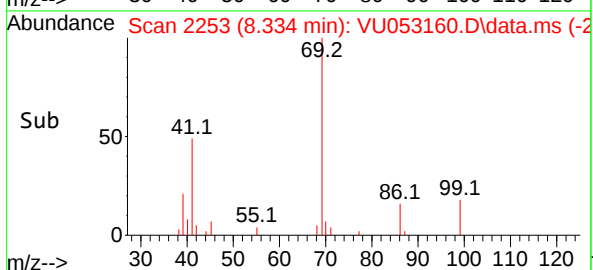
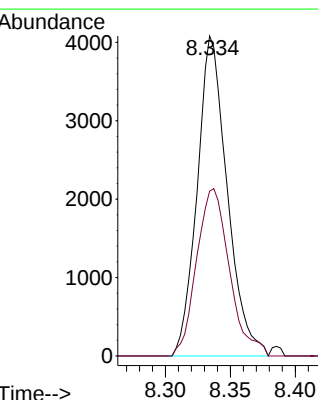
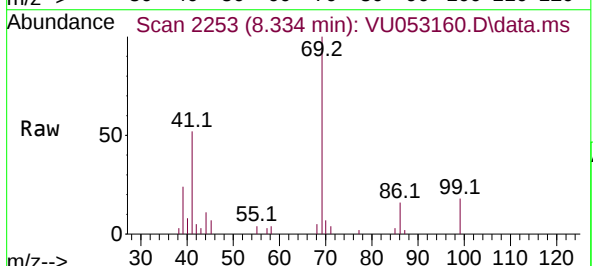
Acq: 27 Feb 2023 19:24

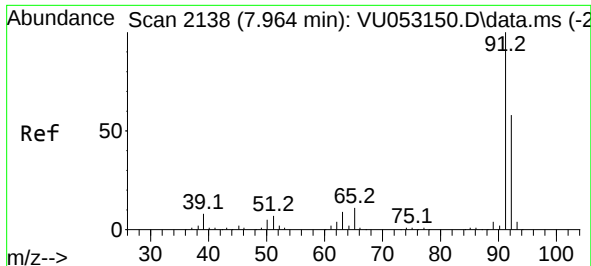
Tgt Ion: 69 Resp: 6554

Ion Ratio Lower Upper

69 100

41 57.3 28.2 84.6





#49

Toluene

Concen: 0.886 ug/l

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

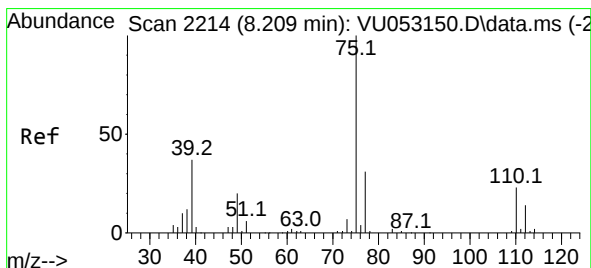
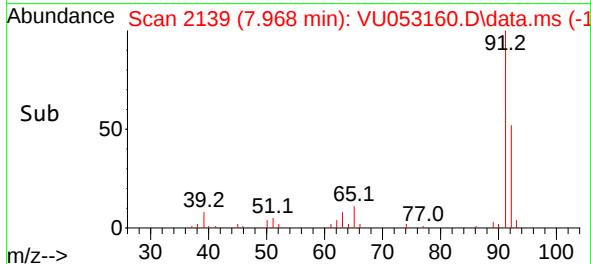
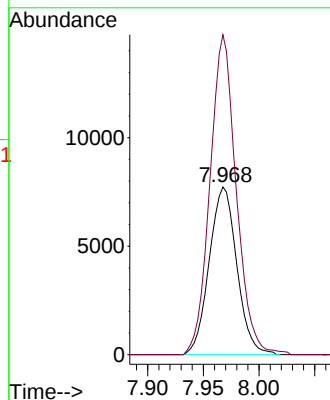
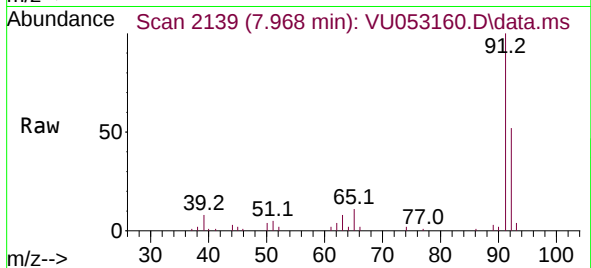
RL CHECK

Tgt Ion: 92 Resp: 13314

Ion Ratio Lower Upper

92 100

91 181.8 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.897 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053160.D

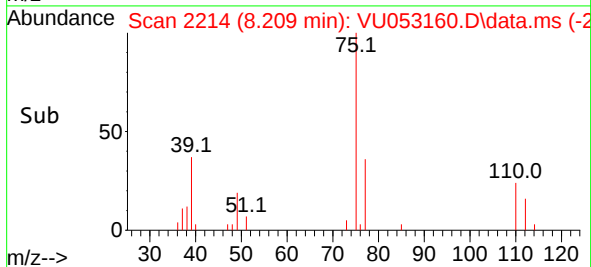
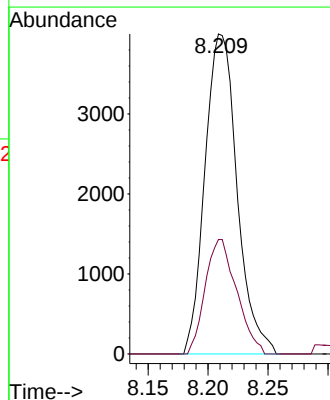
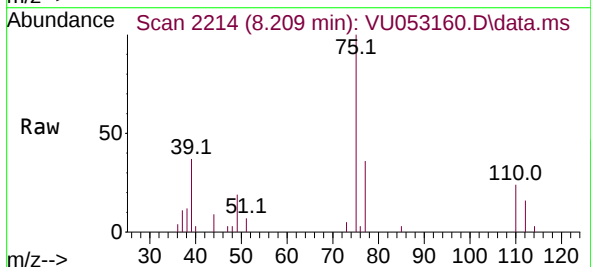
Acq: 27 Feb 2023 19:24

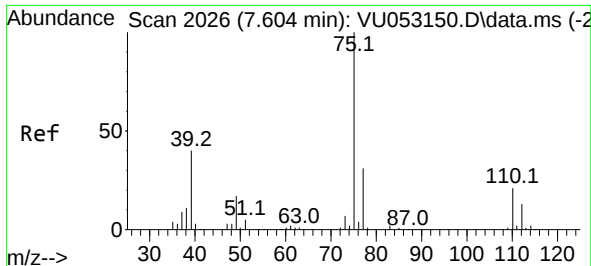
Tgt Ion: 75 Resp: 7458

Ion Ratio Lower Upper

75 100

77 35.8 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 0.893 ug/l

RT: 7.607 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

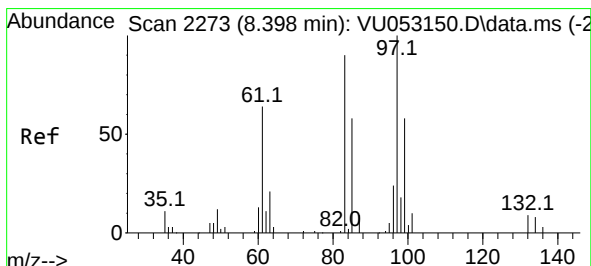
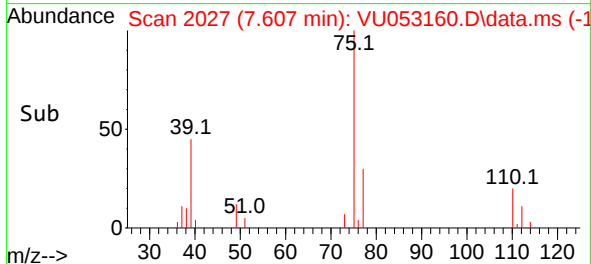
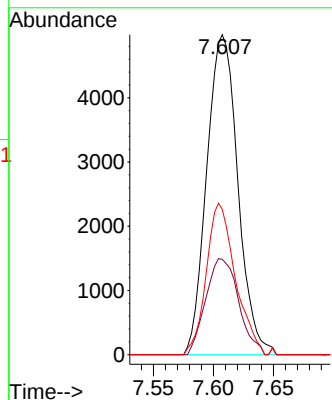
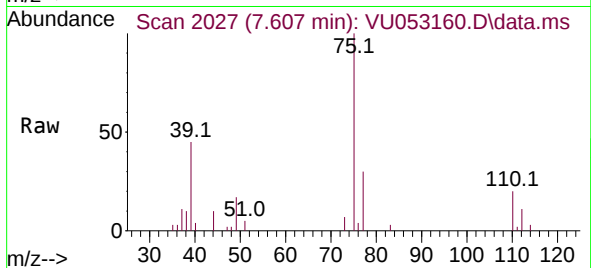
Tgt Ion: 75 Resp: 8995

Ion Ratio Lower Upper

75 100

77 29.8 24.9 37.3

39 45.4 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 0.898 ug/l

RT: 8.398 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Tgt Ion: 97 Resp: 4125

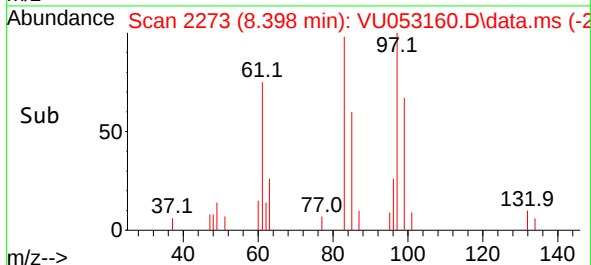
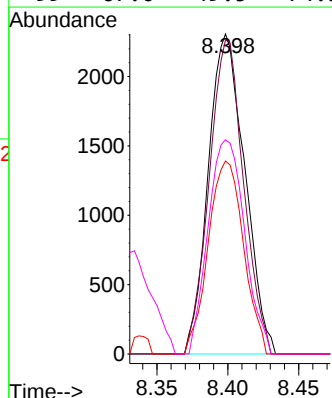
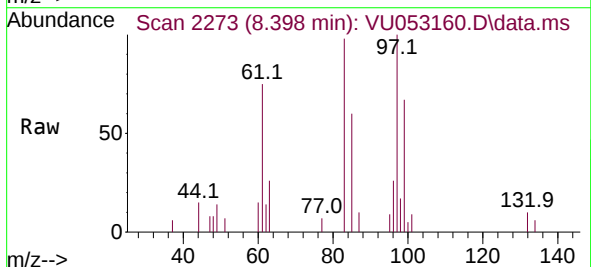
Ion Ratio Lower Upper

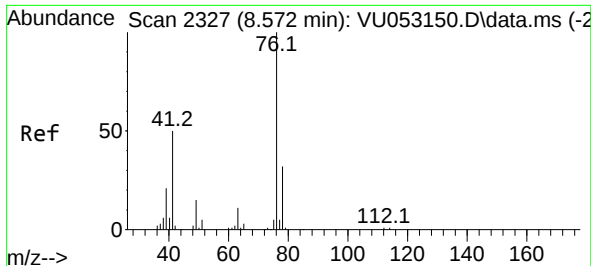
97 100

83 98.1 71.9 107.9

85 60.3 46.5 69.7

99 67.0 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.925 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

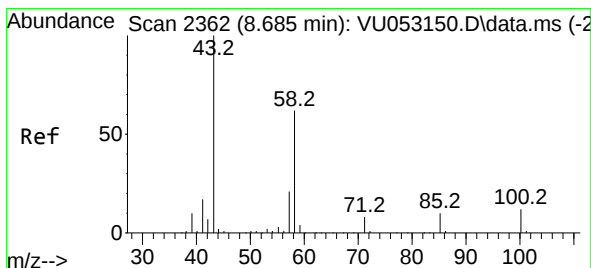
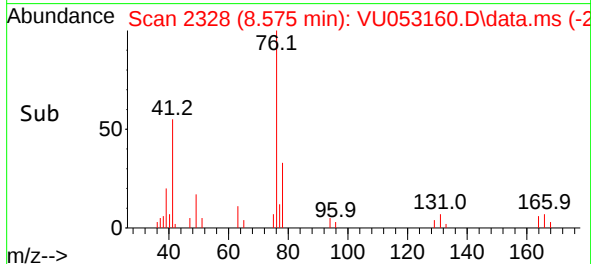
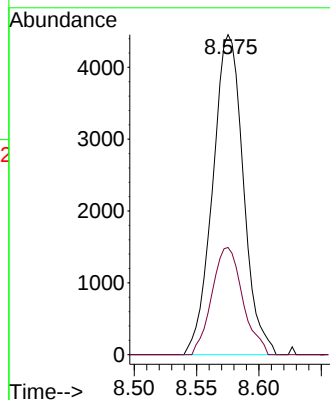
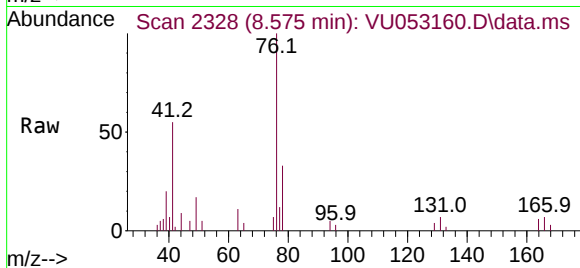
RL CHECK

Tgt Ion: 76 Resp: 7620

Ion Ratio Lower Upper

76 100

78 33.7 25.9 38.9



#54

2-Hexanone

Concen: 3.908 ug/l

RT: 8.691 min Scan# 2364

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

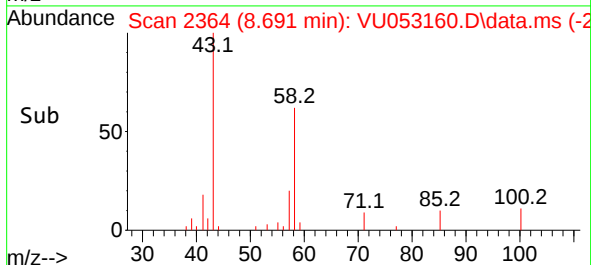
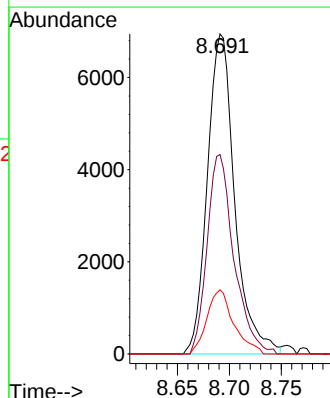
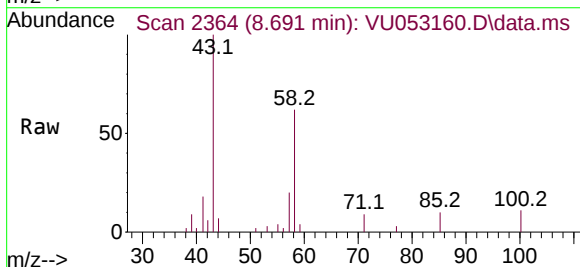
Tgt Ion: 43 Resp: 12718

Ion Ratio Lower Upper

43 100

58 60.9 42.0 82.0

57 19.7 1.2 41.2

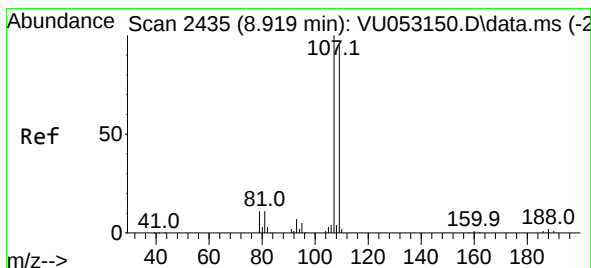
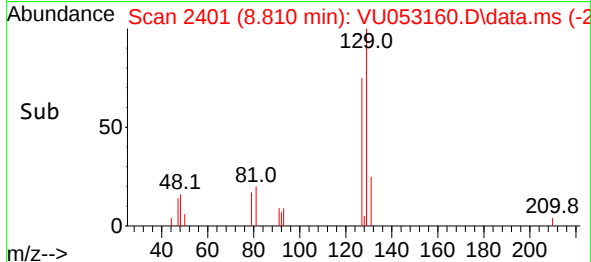
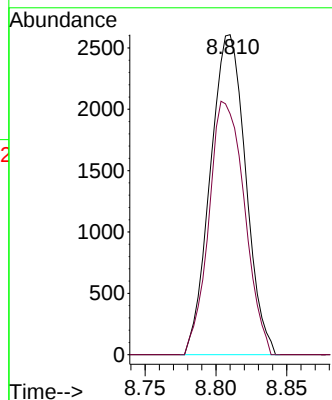
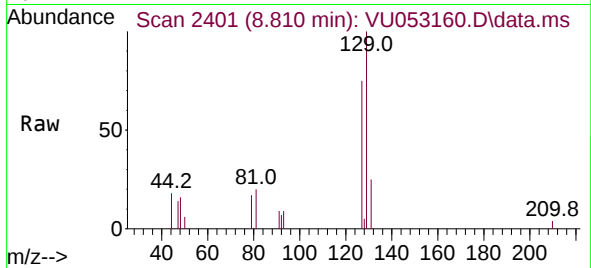




#55
Dibromochloromethane
Concen: 0.866 ug/l
RT: 8.810 min Scan# 2401
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

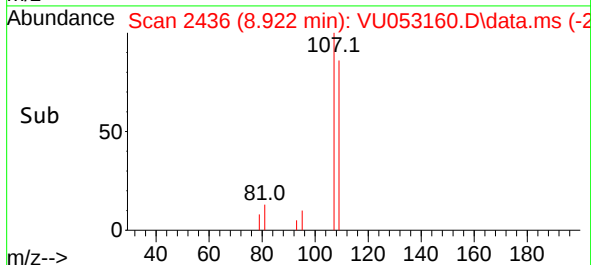
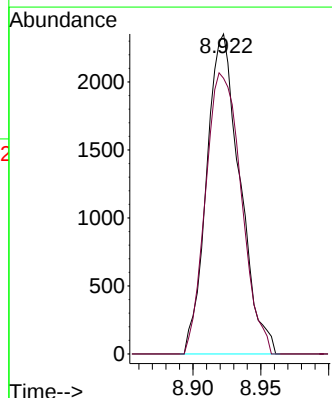
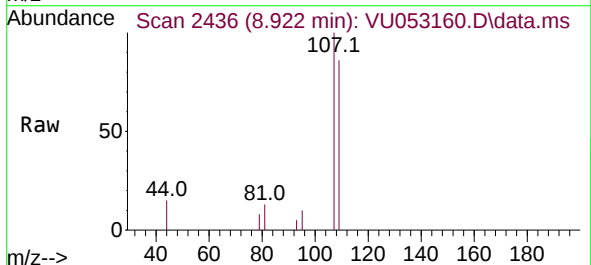
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

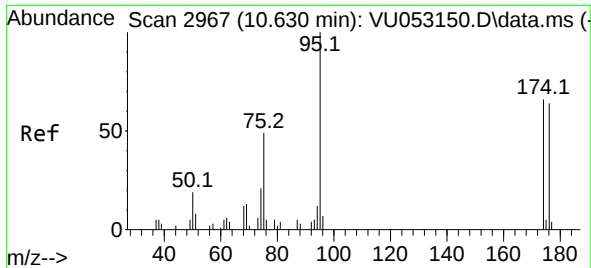
Tgt Ion:129 Resp: 4541
Ion Ratio Lower Upper
129 100
127 79.6 61.1 91.7



#56
1,2-Dibromoethane
Concen: 0.984 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:107 Resp: 4015
Ion Ratio Lower Upper
107 100
109 94.2 0.0 186.2

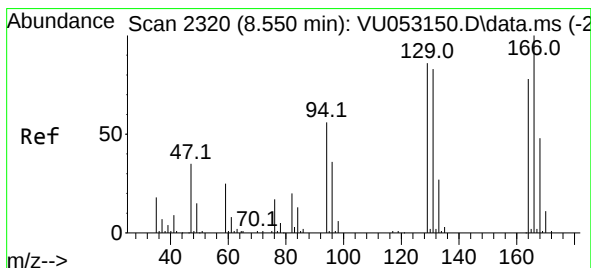
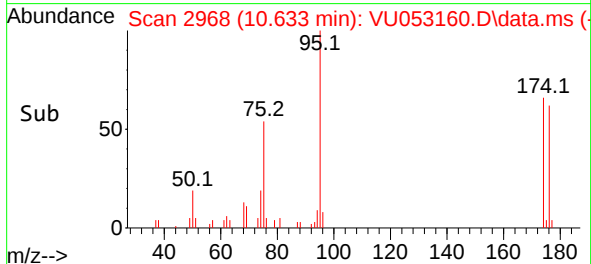
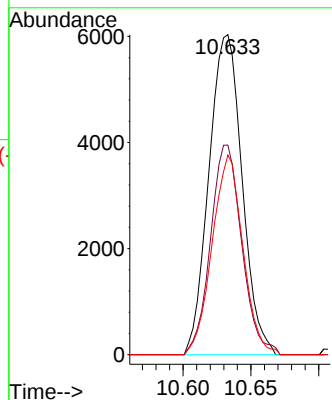
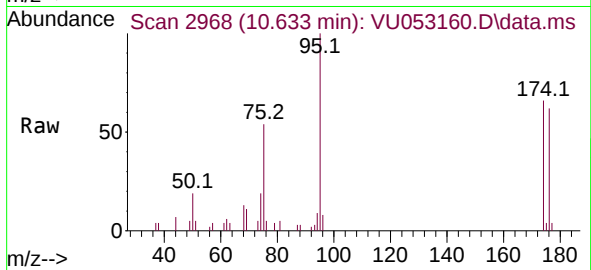




#57
4-Bromofluorobenzene
Concen: 1.000 ug/l
RT: 10.633 min Scan# 2967
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

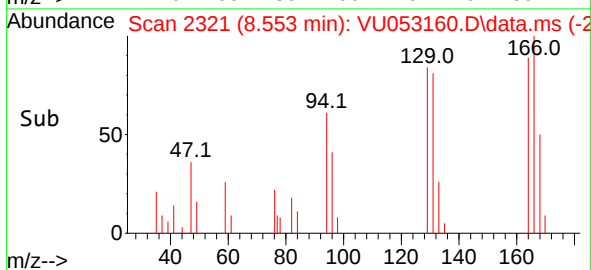
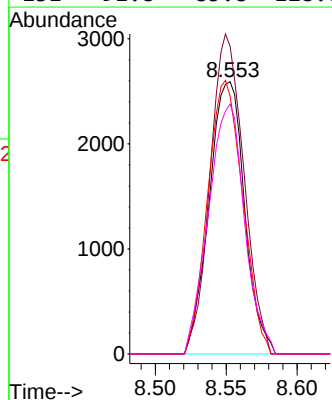
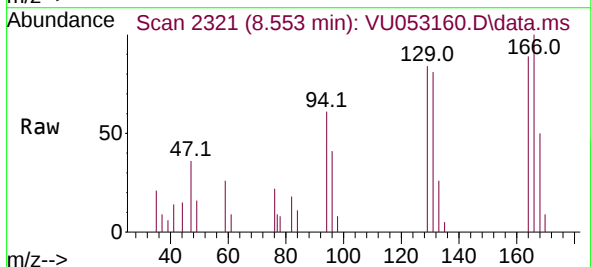
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

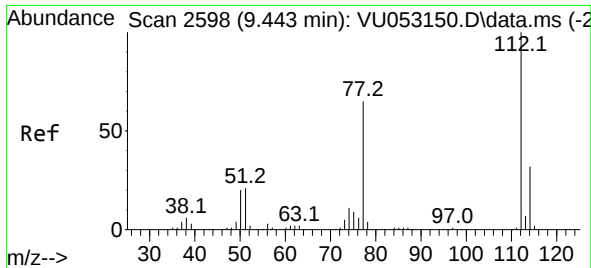
Tgt Ion: 95 Resp: 10274
Ion Ratio Lower Upper
95 100
174 61.6 50.7 76.1
176 57.7 47.8 71.6



#58
Tetrachloroethene
Concen: 1.004 ug/l
RT: 8.553 min Scan# 2321
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 164 Resp: 4485
Ion Ratio Lower Upper
164 100
166 112.9 103.2 154.8
129 94.6 88.8 133.2
131 91.8 85.8 128.6

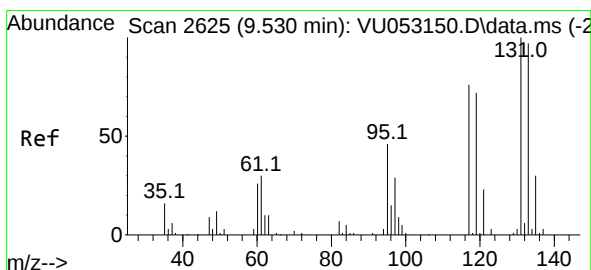
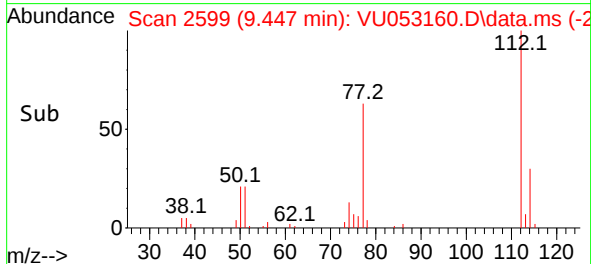
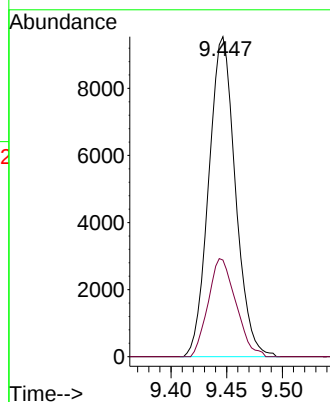
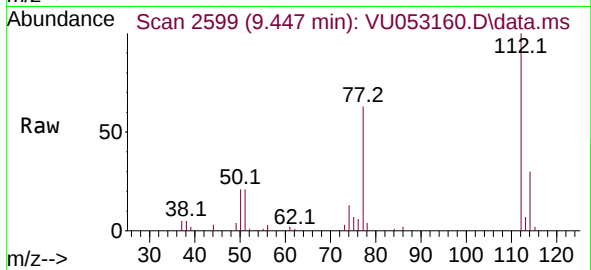




#59
Chlorobenzene
Concen: 0.945 ug/l
RT: 9.447 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

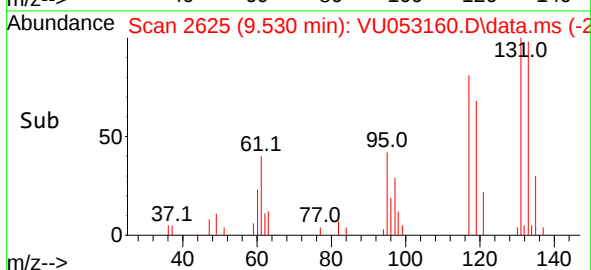
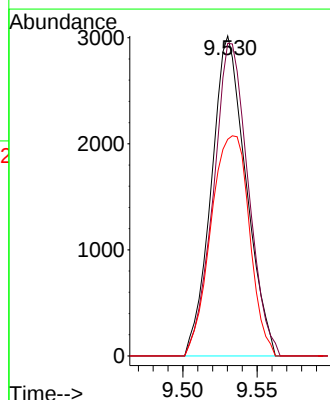
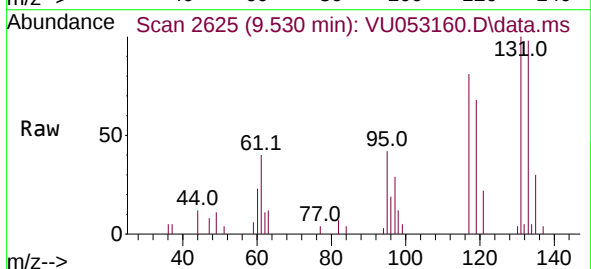
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

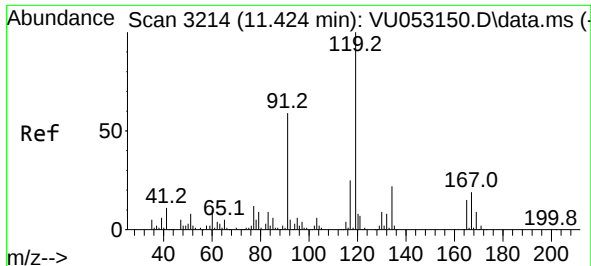
Tgt Ion:112 Resp: 15886
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 0.879 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:131 Resp: 4880
Ion Ratio Lower Upper
131 100
133 98.4 76.7 115.1
119 76.7 57.6 86.4

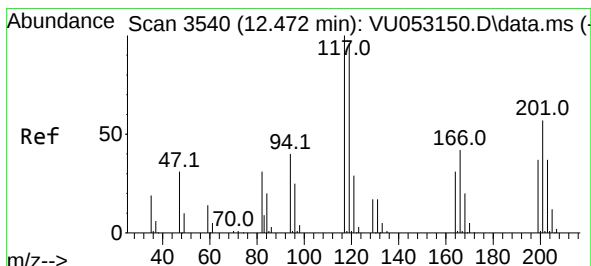
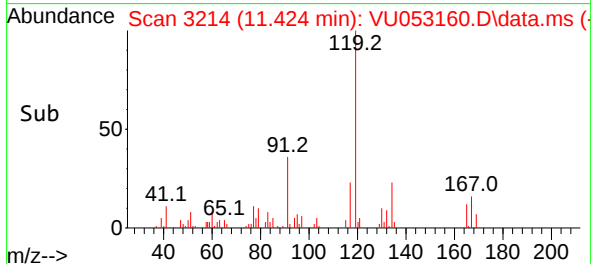
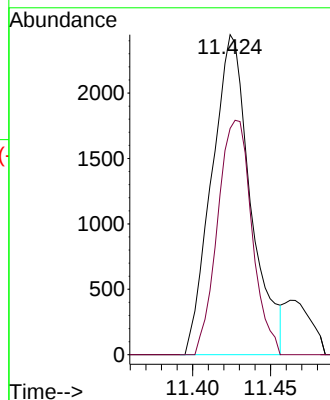
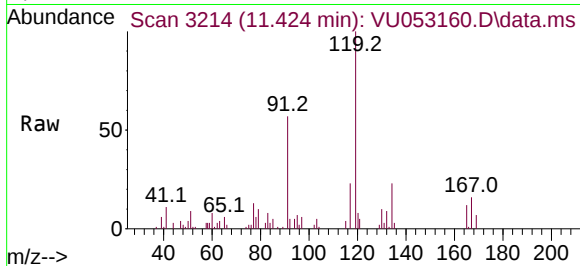




#61
Pentachloroethane
Concen: 0.878 ug/l
RT: 11.424 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

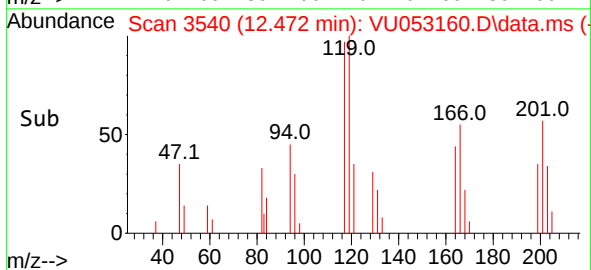
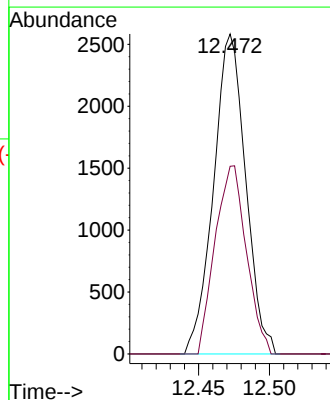
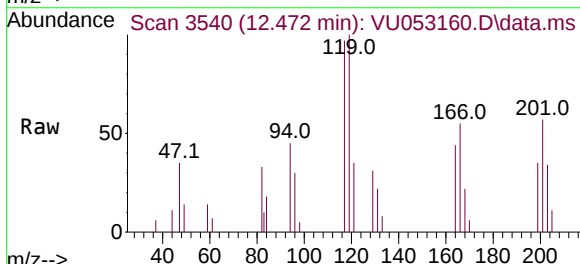
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

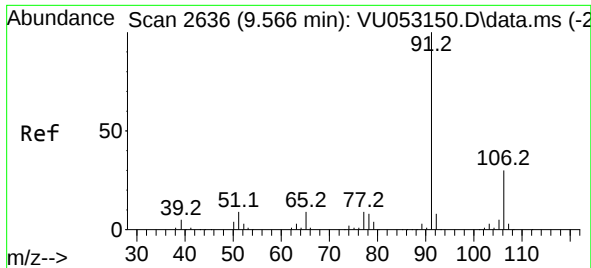
Tgt Ion:117 Resp: 4237
Ion Ratio Lower Upper
117 100
167 64.7 57.5 86.3



#62
Hexachloroethane
Concen: 0.767 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:117 Resp: 4077
Ion Ratio Lower Upper
117 100
201 57.2 46.7 70.1





#63

Ethyl Benzene

Concen: 0.922 ug/l

RT: 9.569 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

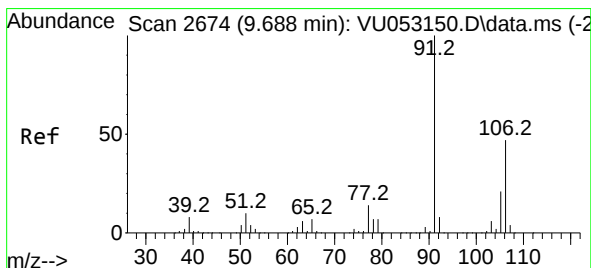
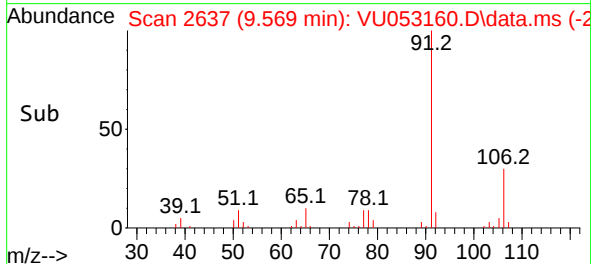
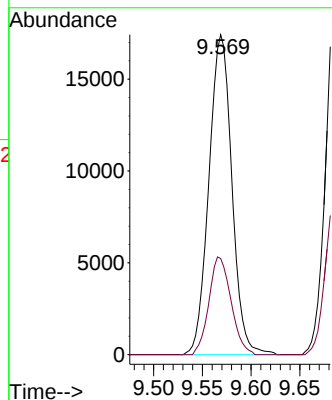
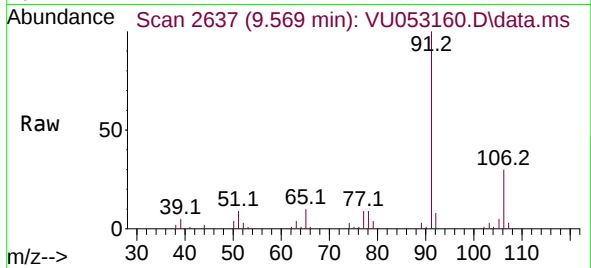
RL CHECK

Tgt Ion: 91 Resp: 28585

Ion Ratio Lower Upper

91 100

106 30.1 24.0 36.0



#64

m/p-Xylenes

Concen: 1.783 ug/l

RT: 9.691 min Scan# 2675

Delta R.T. 0.003 min

Lab File: VU053160.D

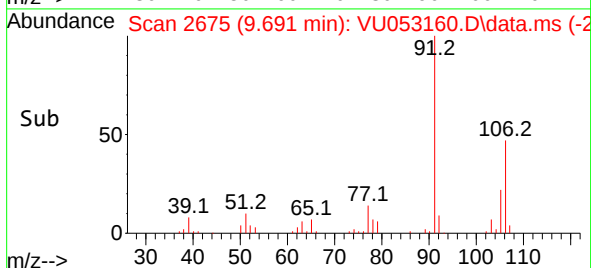
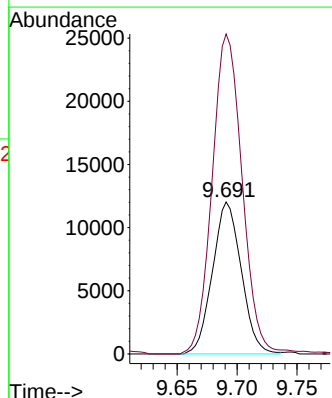
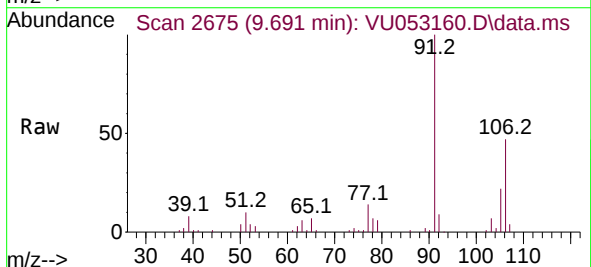
Acq: 27 Feb 2023 19:24

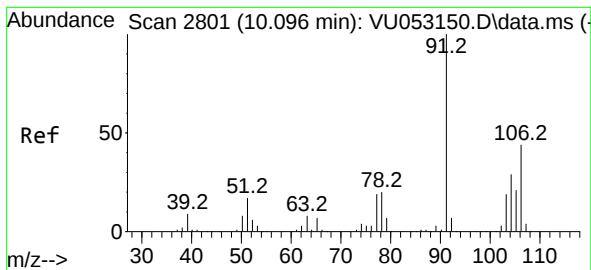
Tgt Ion:106 Resp: 20052

Ion Ratio Lower Upper

106 100

91 220.8 170.7 256.1





#65

o-Xylene

Concen: 0.879 ug/l

RT: 10.099 min Scan# 2801

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

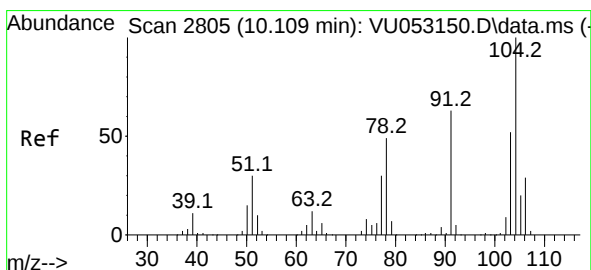
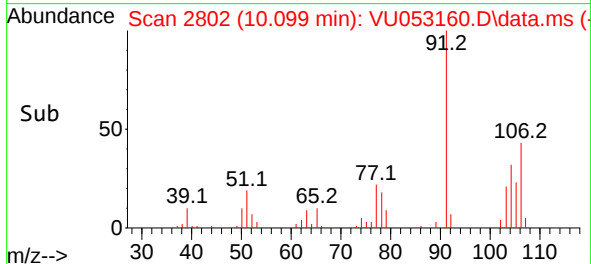
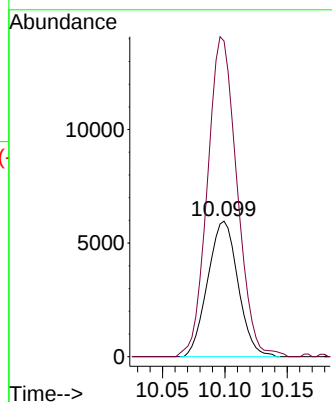
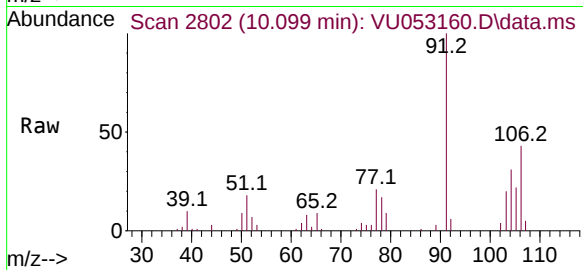
RL CHECK

Tgt Ion:106 Resp: 10103

Ion Ratio Lower Upper

106 100

91 230.1 112.8 338.4



#66

Styrene

Concen: 0.904 ug/l

RT: 10.115 min Scan# 2807

Delta R.T. 0.006 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

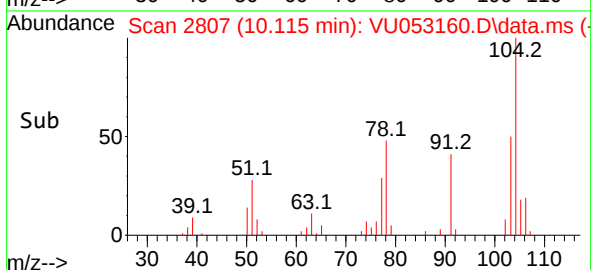
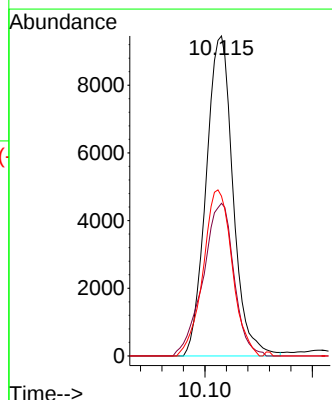
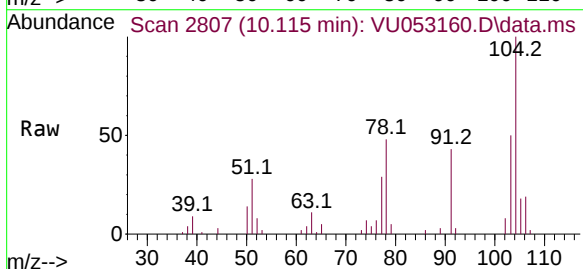
Tgt Ion:104 Resp: 16455

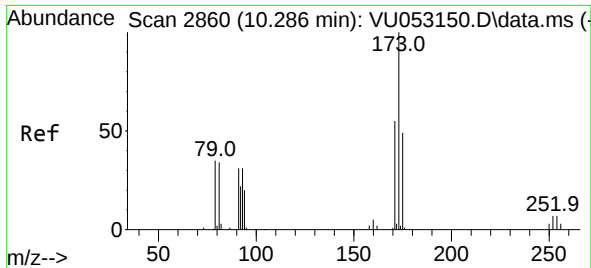
Ion Ratio Lower Upper

104 100

78 54.5 43.3 64.9

103 55.8 45.2 67.8

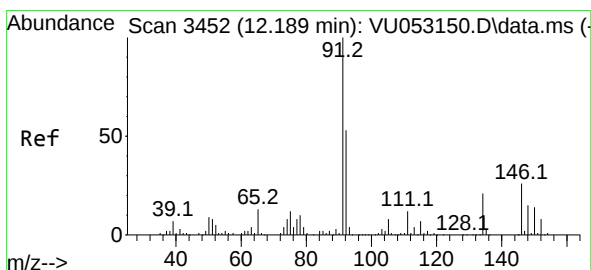
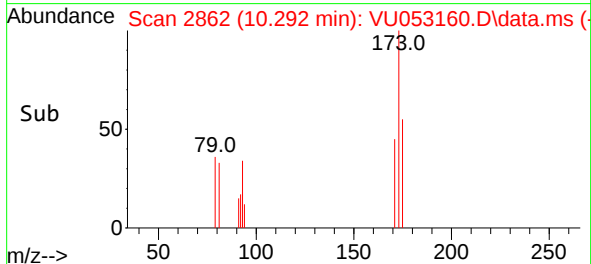
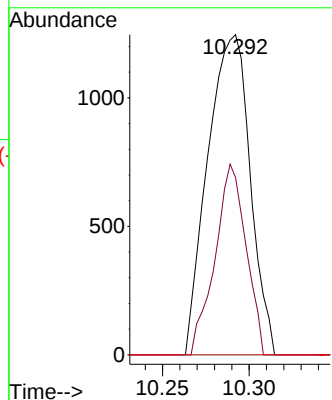
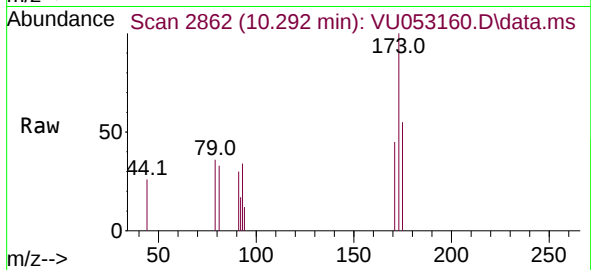




#67
Bromoform
Concen: 0.831 ug/l
RT: 10.292 min Scan# 2118
Delta R.T. 0.006 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

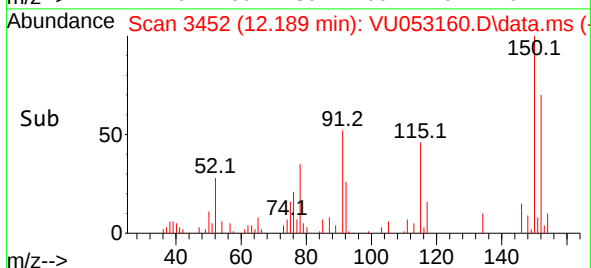
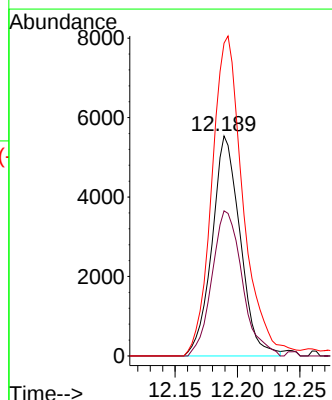
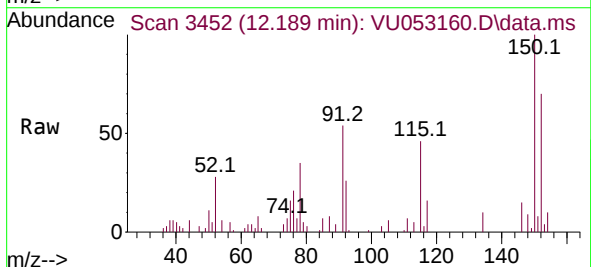
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

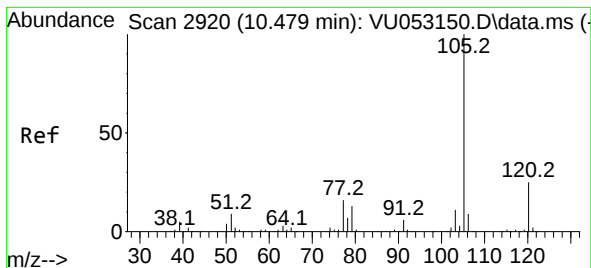
Tgt Ion:173 Resp: 2118
Ion Ratio Lower Upper
173 100
175 43.5 38.7 58.1
254 0.0 5.8 8.8#



#68
1,2-Dichlorobenzene-d4
Concen: 1.066 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:152 Resp: 8688
Ion Ratio Lower Upper
152 100
115 70.9 0.0 267.8
150 162.0 0.0 623.0





#69

Isopropylbenzene

Concen: 0.885 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

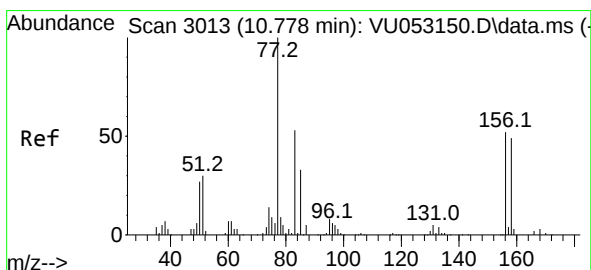
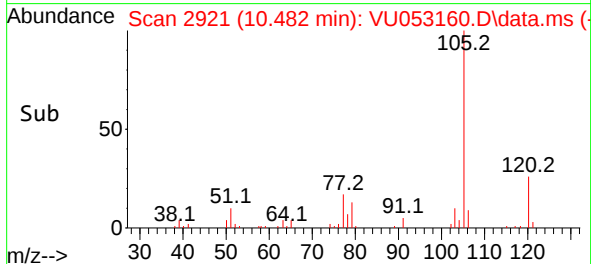
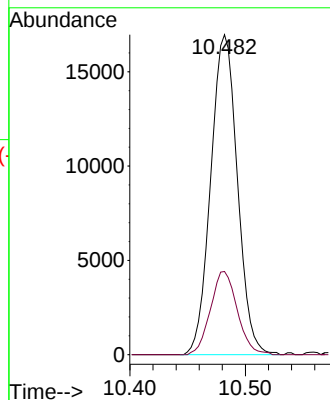
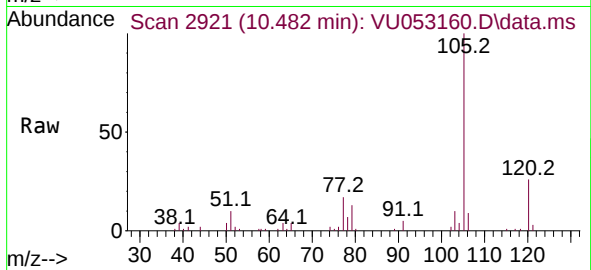
RL CHECK

Tgt Ion:105 Resp: 27239

Ion Ratio Lower Upper

105 100

120 26.2 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.938 ug/l

RT: 10.781 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

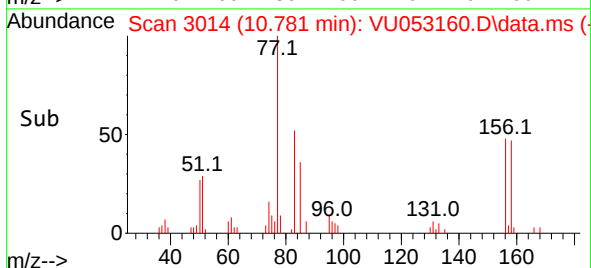
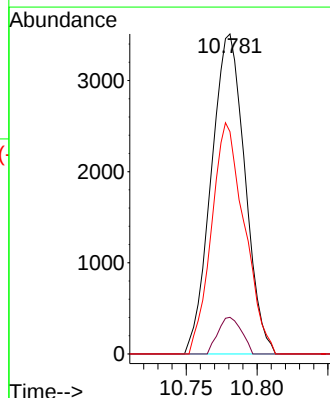
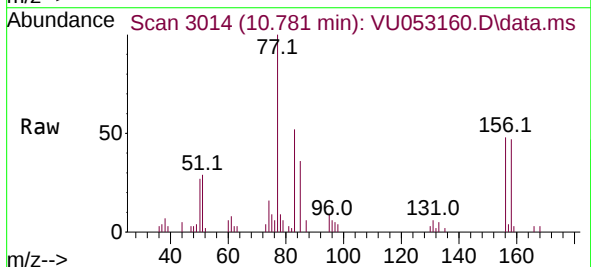
Tgt Ion: 83 Resp: 5807

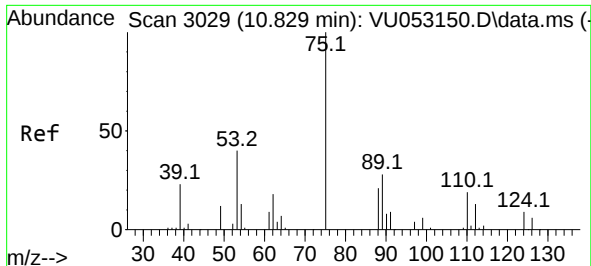
Ion Ratio Lower Upper

83 100

131 8.0 6.6 9.8

85 70.8 49.3 73.9

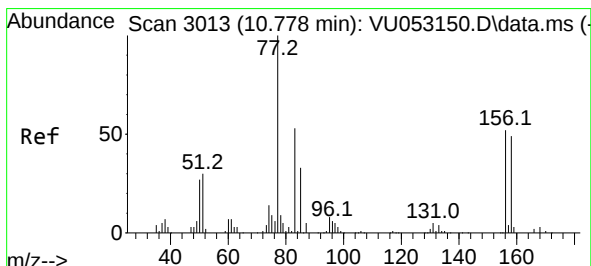
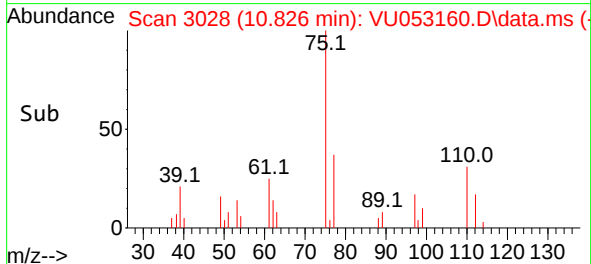
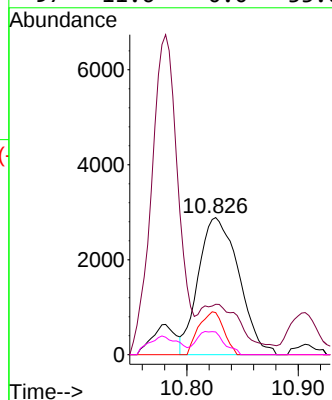
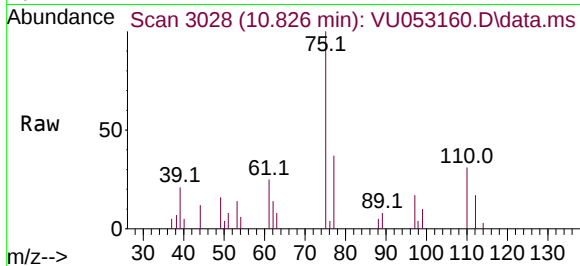




#71
1,2,3-Trichloropropane
Concen: 1.363 ug/l
RT: 10.826 min Scan# 3029
Delta R.T. -0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

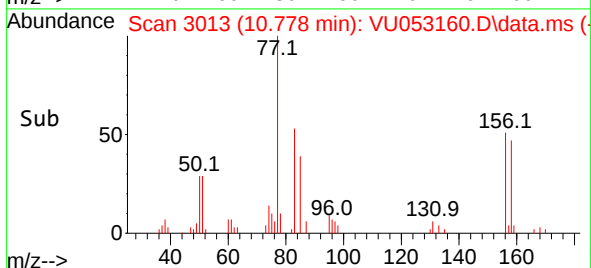
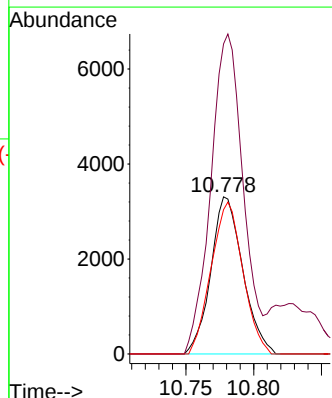
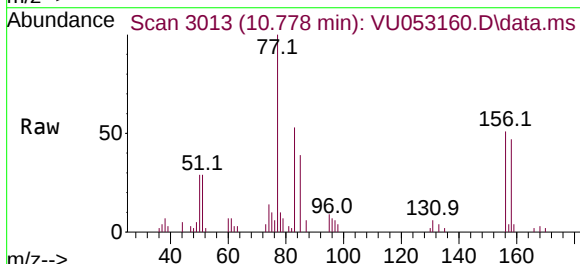
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

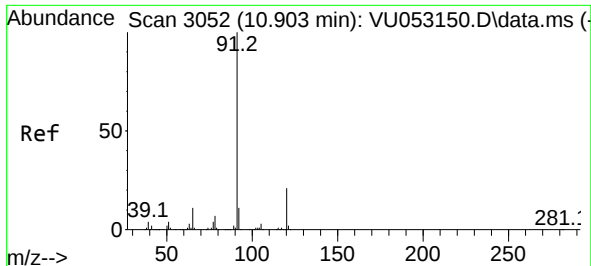
Tgt Ion: 75	Resp: 7265
Ion Ratio	Lower Upper
75 100	
77 37.4	0.0 98.2
110 19.4	0.0 57.0
97 11.6	0.0 33.6



#72
Bromobenzene
Concen: 0.908 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:156	Resp:	5421	
Ion	Ratio	Lower	Upper
156	100		
77	205.5	0.0	397.0
158	95.9	0.0	189.2

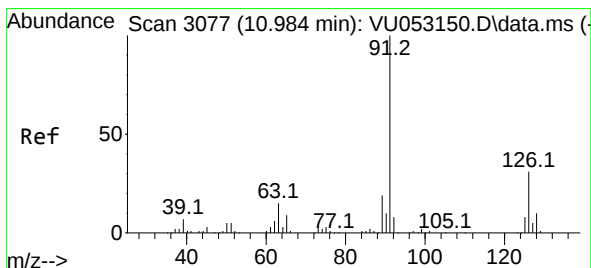
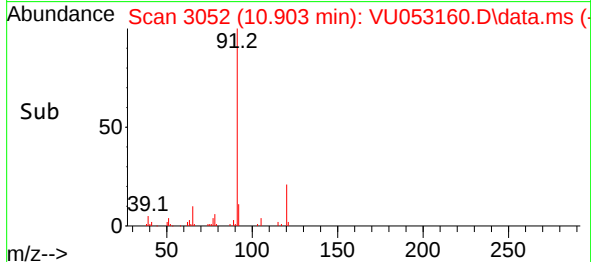
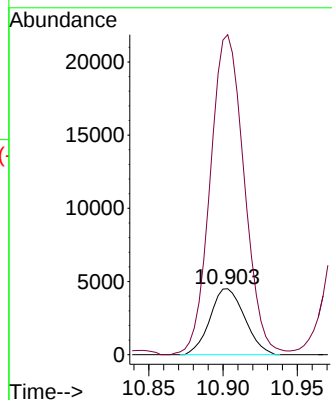
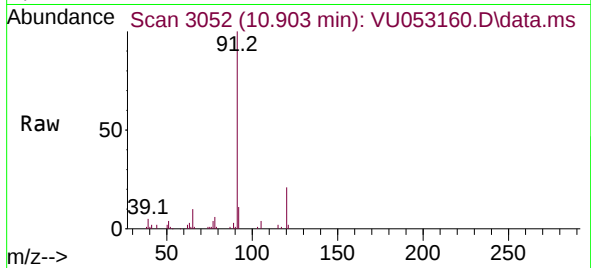




#73
n-propylbenzene
Concen: 0.895 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

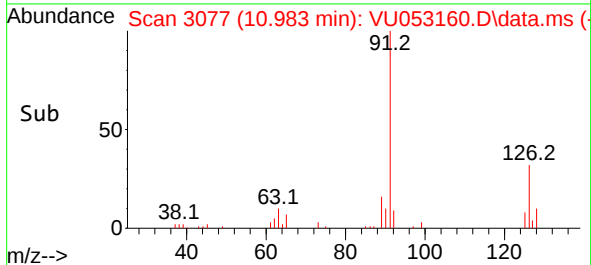
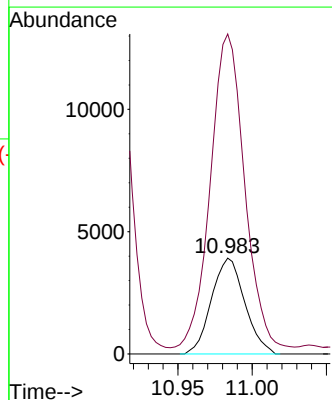
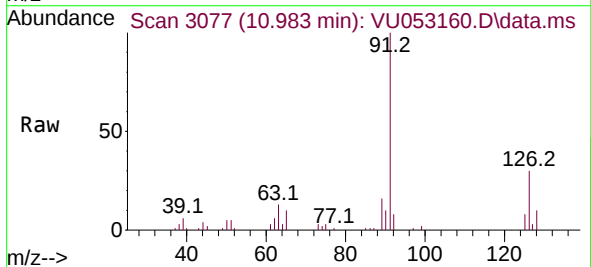
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

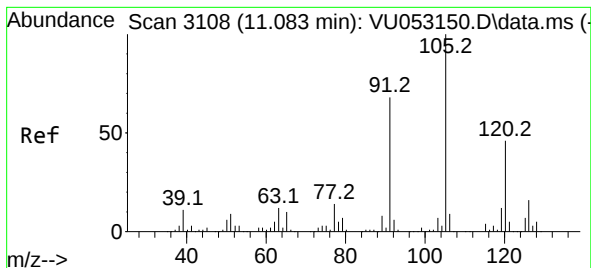
Tgt Ion:120 Resp: 7306
Ion Ratio Lower Upper
120 100
91 476.4 372.5 558.7



#74
2-Chlorotoluene
Concen: 0.901 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:126 Resp: 6092
Ion Ratio Lower Upper
126 100
91 338.5 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 0.903 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

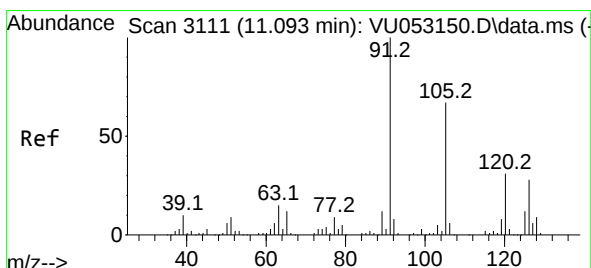
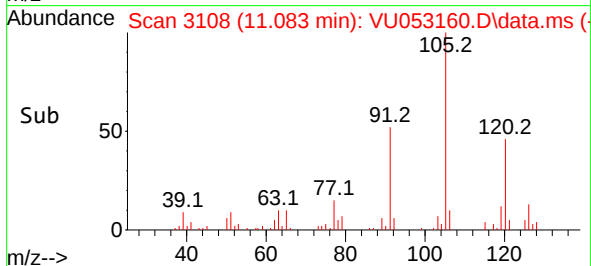
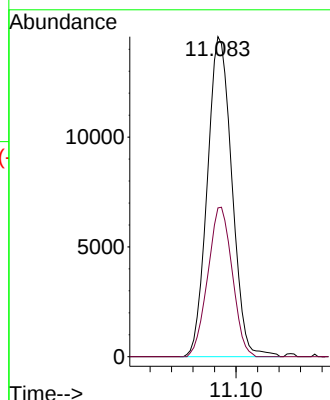
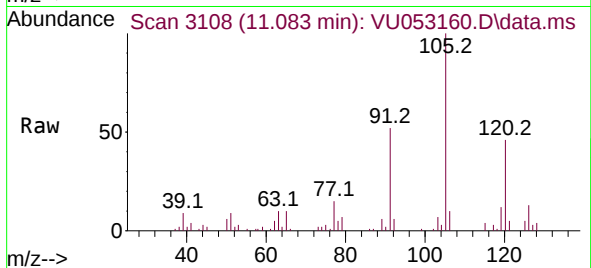
RL CHECK

Tgt Ion:105 Resp: 23125

Ion Ratio Lower Upper

105 100

120 46.3 36.5 54.7



#76

4-Chlorotoluene

Concen: 0.918 ug/l

RT: 11.096 min Scan# 3112

Delta R.T. 0.003 min

Lab File: VU053160.D

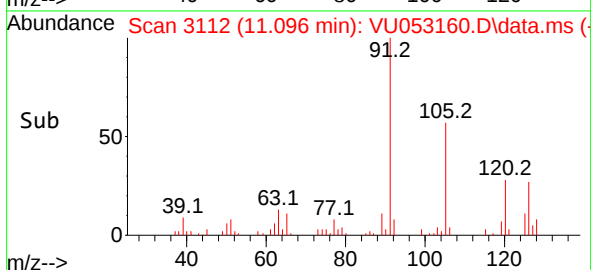
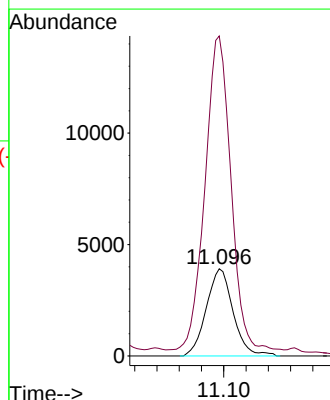
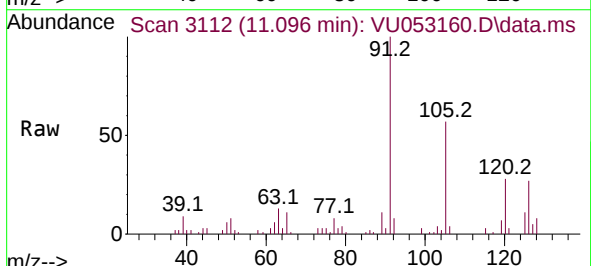
Acq: 27 Feb 2023 19:24

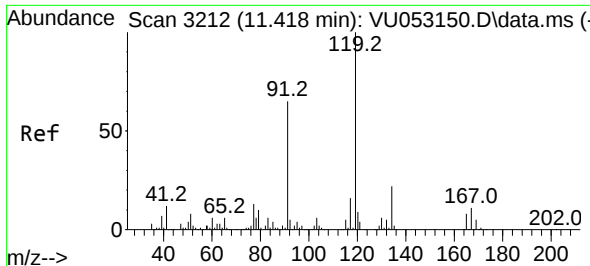
Tgt Ion:126 Resp: 6522

Ion Ratio Lower Upper

126 100

91 345.7 0.0 760.6

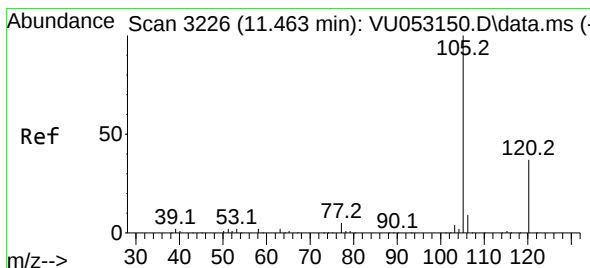
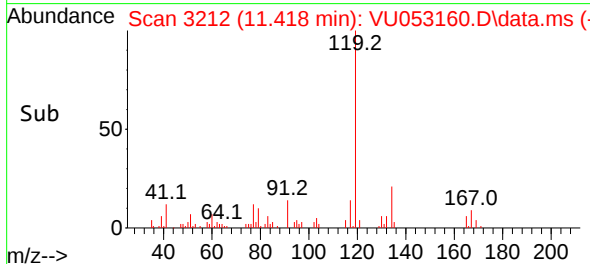
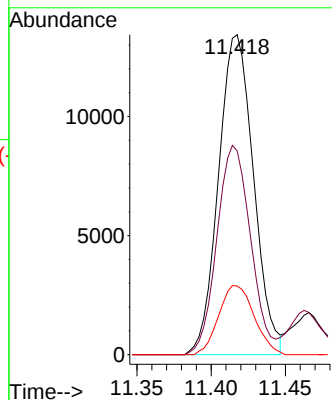
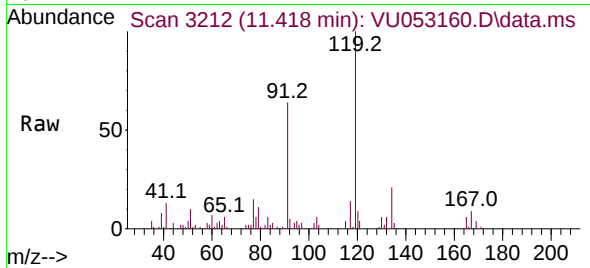




#77
tert-Butylbenzene
Concen: 0.880 ug/l
RT: 11.418 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

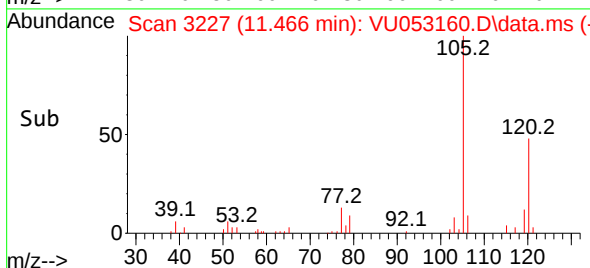
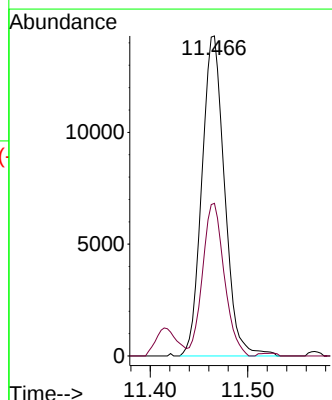
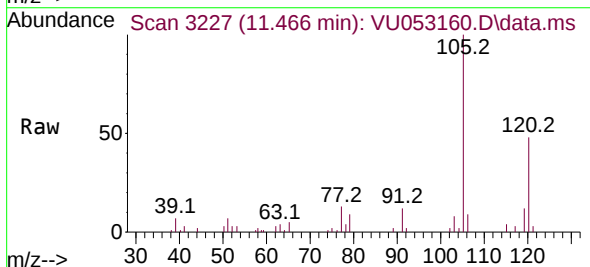
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

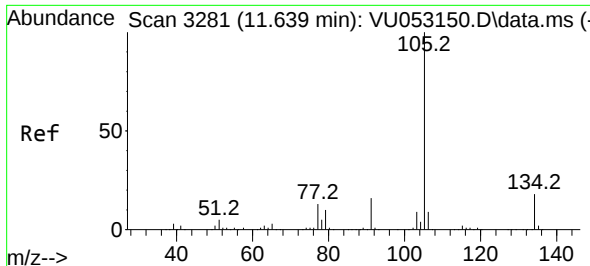
Tgt Ion:119 Resp: 22082
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.7
134 21.8 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 0.889 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion:105 Resp: 23191
Ion Ratio Lower Upper
105 100
120 45.7 21.1 63.1

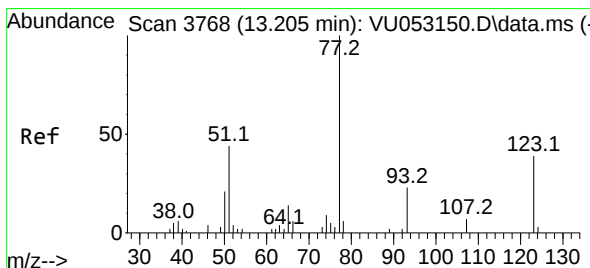
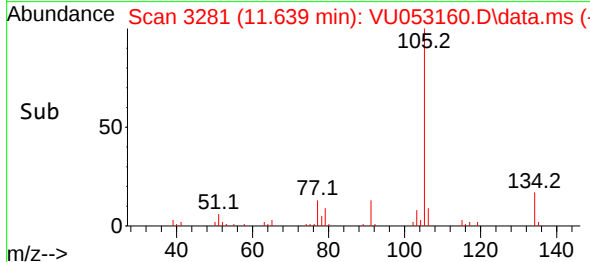
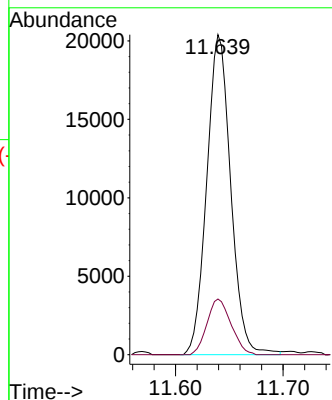
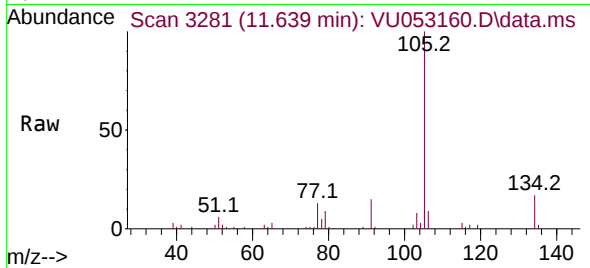




#79
 sec-Butylbenzene
 Concen: 0.906 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

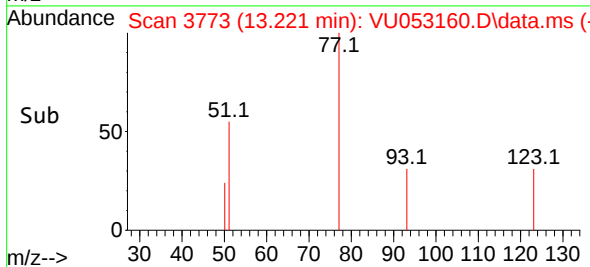
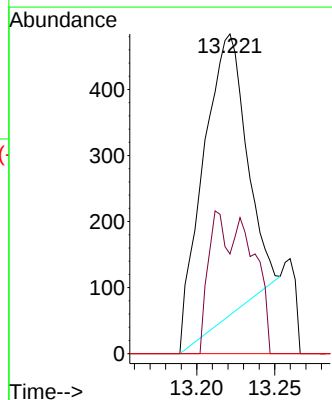
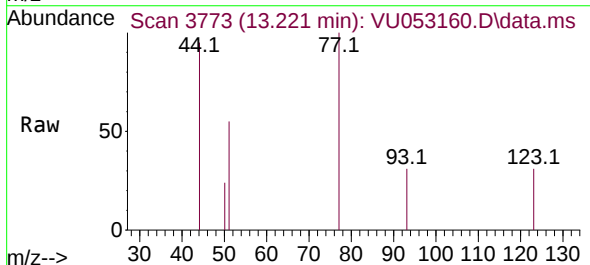
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

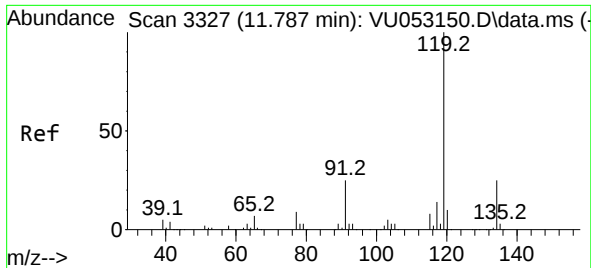
Tgt Ion:105 Resp: 31534
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.4 21.6



#80
 Nitrobenzene
 Concen: 2.611 ug/l
 RT: 13.221 min Scan# 3773
 Delta R.T. 0.016 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

Tgt Ion: 77 Resp: 845
 Ion Ratio Lower Upper
 77 100
 123 25.2 17.0 60.2
 65 0.0 12.9 16.5#

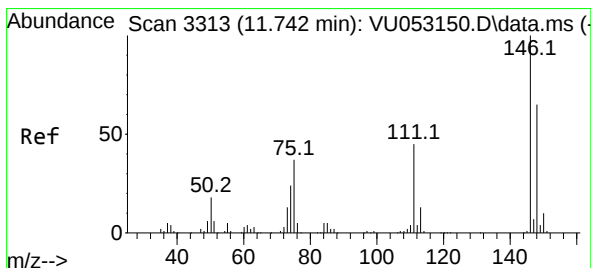
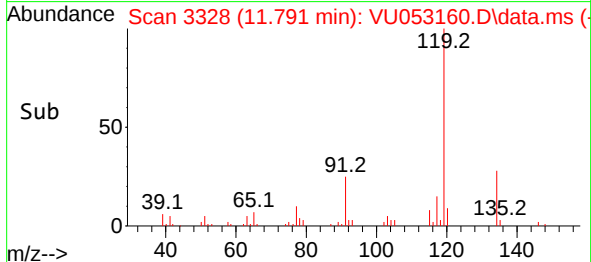
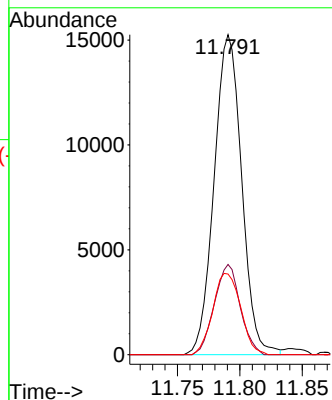
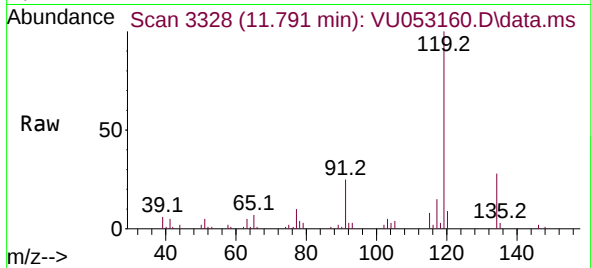




#81
 p-Isopropyltoluene
 Concen: 0.851 ug/l
 RT: 11.791 min Scan# 3328
 Delta R.T. 0.003 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

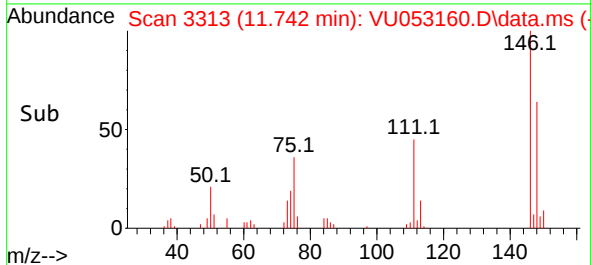
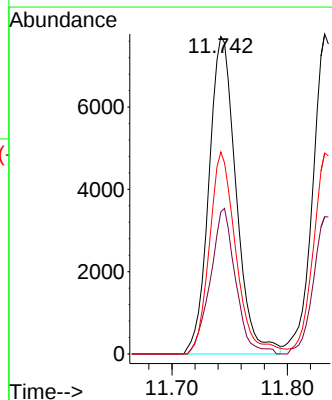
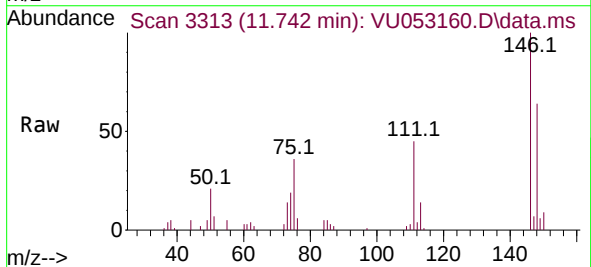
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

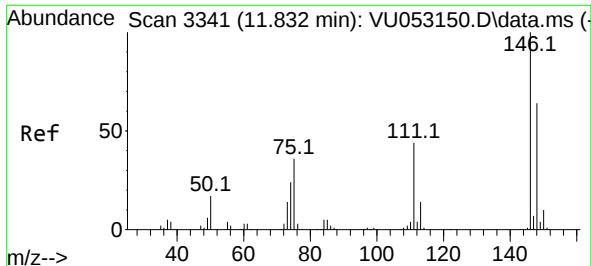
Tgt Ion:119 Resp: 23460
 Ion Ratio Lower Upper
 119 100
 134 26.5 19.8 29.6
 91 25.7 20.5 30.7



#82
 1,3-Dichlorobenzene
 Concen: 0.962 ug/l
 RT: 11.742 min Scan# 3313
 Delta R.T. -0.000 min
 Lab File: VU053160.D
 Acq: 27 Feb 2023 19:24

Tgt Ion:146 Resp: 12615
 Ion Ratio Lower Upper
 146 100
 111 42.4 36.0 54.0
 148 62.2 50.8 76.2

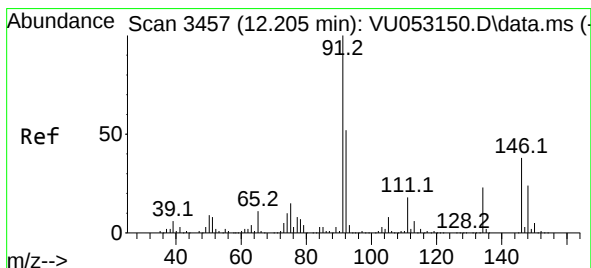
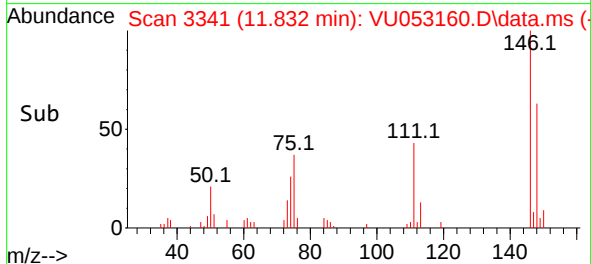
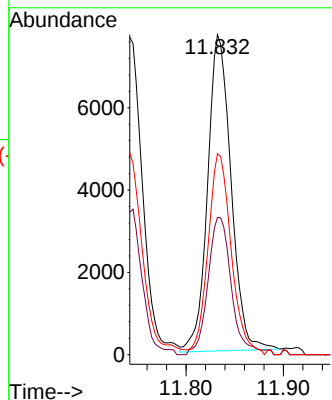
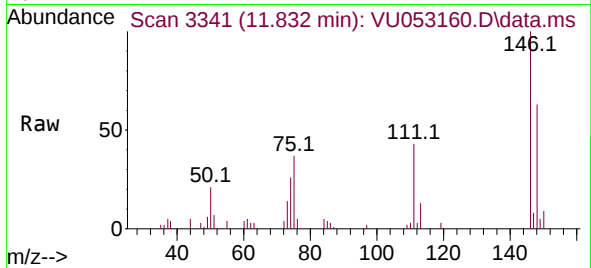




#83
1,4-Dichlorobenzene
Concen: 0.961 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

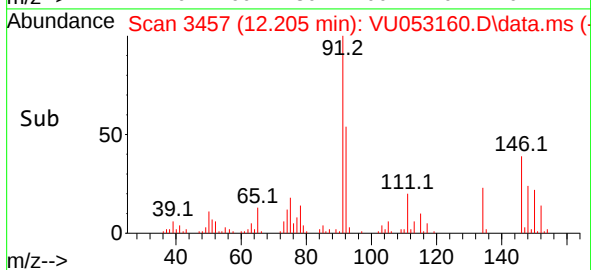
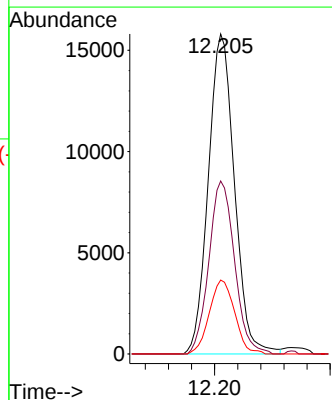
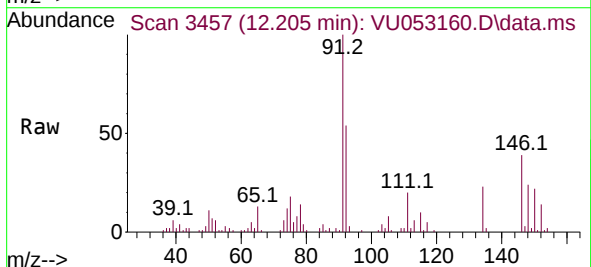
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

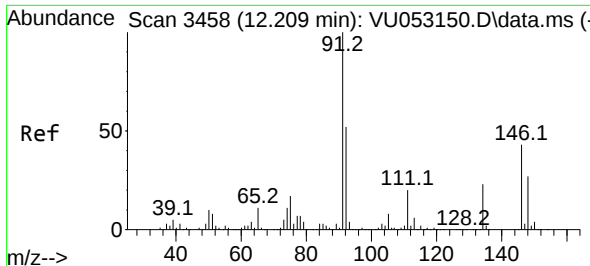
Tgt Ion:146 Resp: 12859
Ion Ratio Lower Upper
146 100
111 43.5 34.0 51.0
148 63.1 49.8 74.6



#84
n-Butylbenzene
Concen: 0.870 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 91 Resp: 24846
Ion Ratio Lower Upper
91 100
92 53.1 41.8 62.6
134 22.4 17.9 26.9

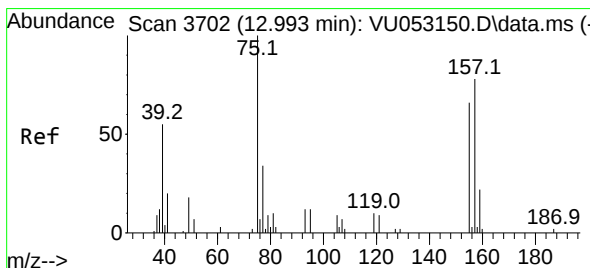
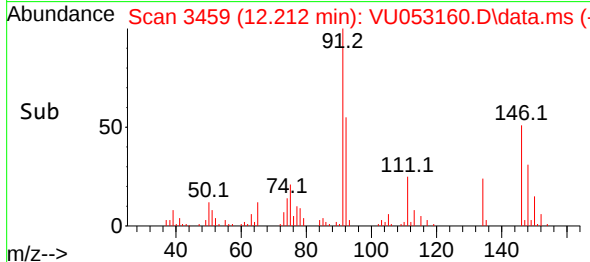
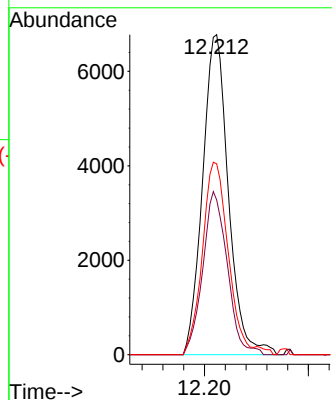
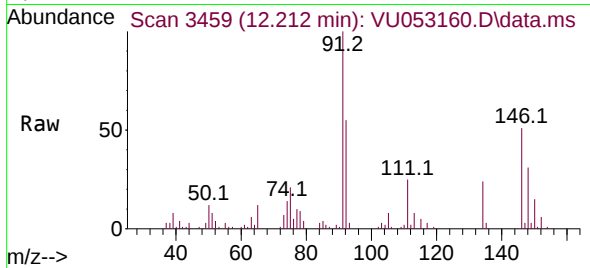




#85
1,2-Dichlorobenzene
Concen: 0.936 ug/l
RT: 12.212 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

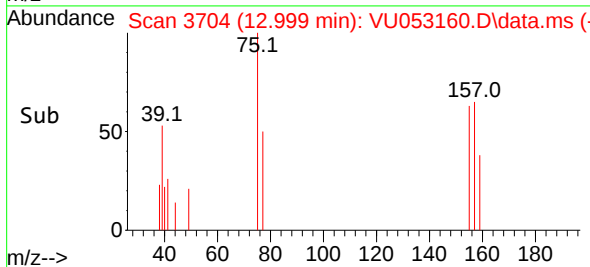
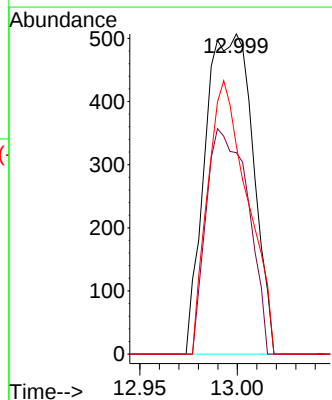
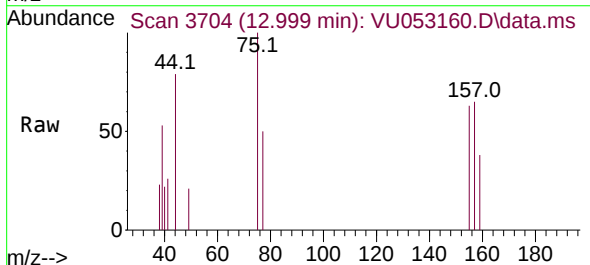
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

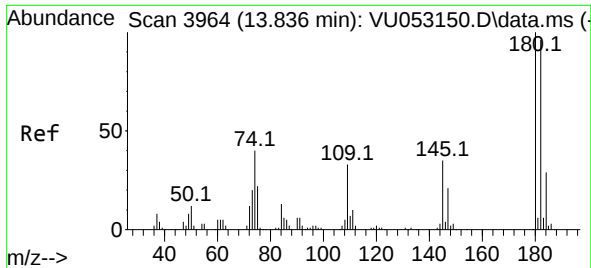
Tgt Ion:146 Resp: 11696
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.6
148 60.8 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.104 ug/l
RT: 12.999 min Scan# 3704
Delta R.T. 0.006 min
Lab File: VU053160.D
Acq: 27 Feb 2023 19:24

Tgt Ion: 75 Resp: 864
Ion Ratio Lower Upper
75 100
155 61.9 53.4 80.0
157 71.4 61.7 92.5





#87

1,2,4-Trichlorobenzene

Concen: 0.914 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

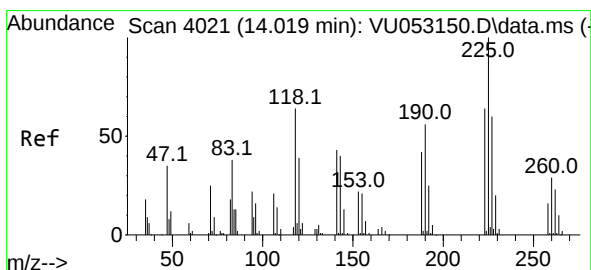
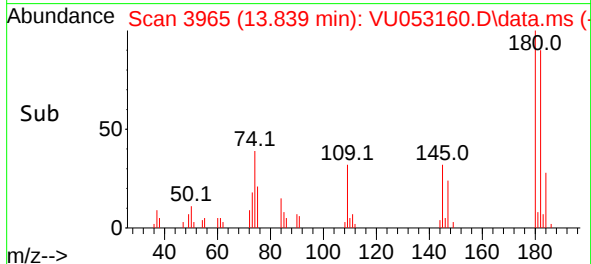
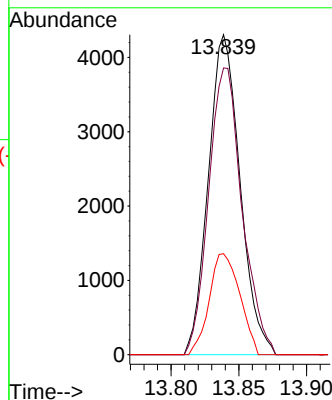
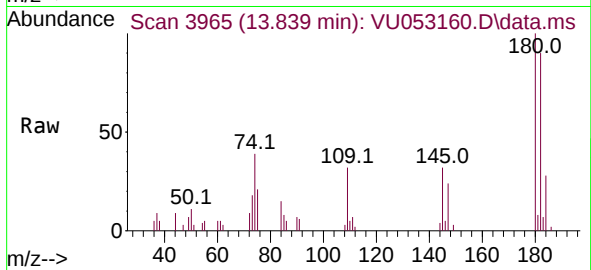
Tgt Ion:180 Resp: 7009

Ion Ratio Lower Upper

180 100

182 94.3 77.4 116.0

145 30.4 28.3 42.5



#88

Hexachlorobutadiene

Concen: 0.845 ug/l

RT: 14.015 min Scan# 4020

Delta R.T. -0.004 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

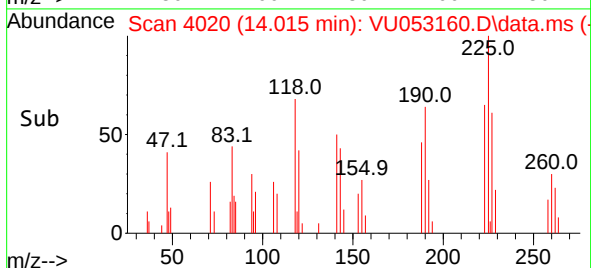
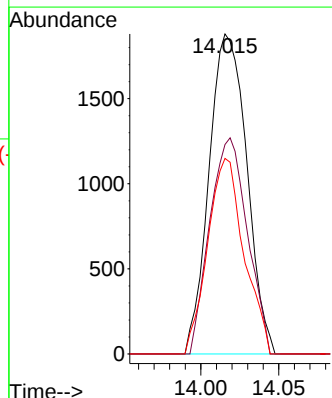
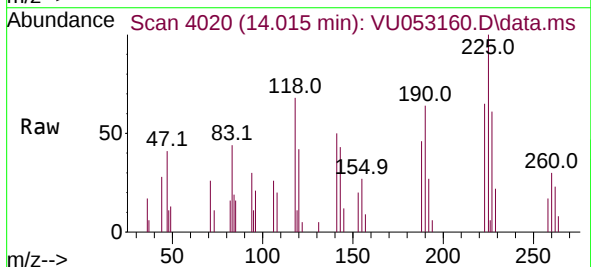
Tgt Ion:225 Resp: 3167

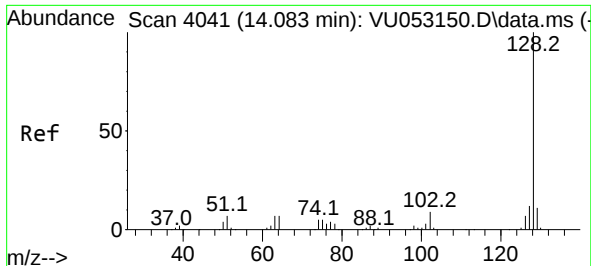
Ion Ratio Lower Upper

225 100

223 67.4 51.1 76.7

227 58.8 49.9 74.9





#89

Naphthalene

Concen: 0.947 ug/l

RT: 14.086 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

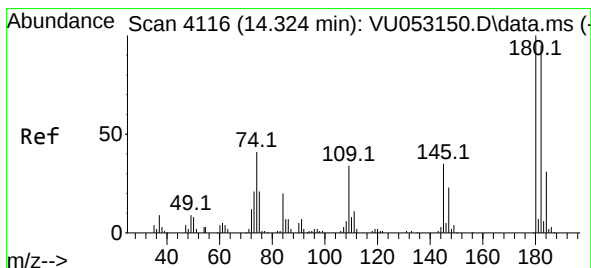
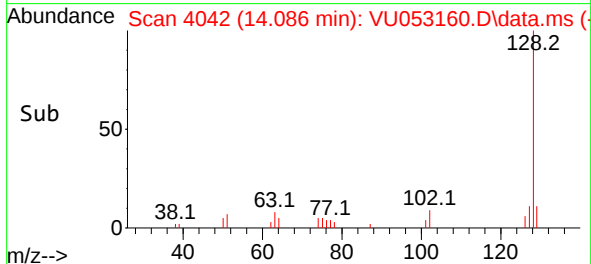
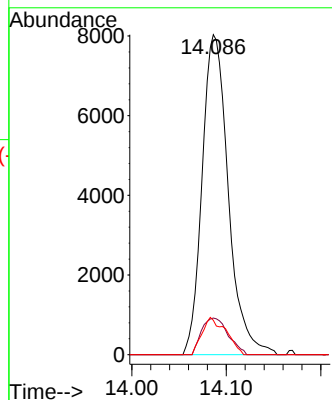
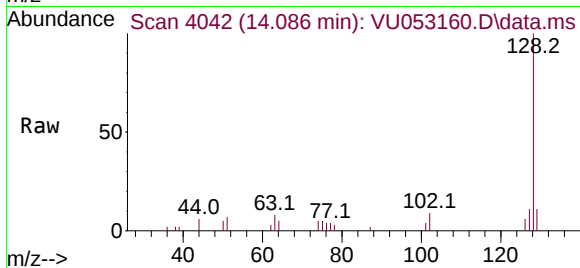
Tgt Ion:128 Resp: 15460

Ion Ratio Lower Upper

128 100

127 11.6 9.9 14.9

129 10.7 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 0.899 ug/l

RT: 14.327 min Scan# 4117

Delta R.T. 0.003 min

Lab File: VU053160.D

Acq: 27 Feb 2023 19:24

Tgt Ion:180 Resp: 6067

Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 36.2 29.0 43.6

