

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053154.D
 Acq On : 27 Feb 2023 15:46
 Operator : JC/MD
 Sample : VU0227WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBS01

Quant Time: Feb 28 03:52:06 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	6.112	96	26822	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11549	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9737	1.085	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	13573	1.994	ug/l	99
3) Chloromethane	1.521	50	12491	1.781	ug/l	99
4) Vinyl Chloride	1.605	62	14106	1.889	ug/l	93
5) Bromomethane	1.859	94	8523	2.005	ug/l	99
6) Chloroethane	1.936	64	9191	2.026	ug/l	100
7) Trichlorofluoromethane	2.141	101	19949	1.855	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	13049	1.941	ug/l	98
9) 1,1-Dichloroethene	2.582	96	11410	1.954	ug/l	96
10) Iodomethane	2.723	142	10218	1.701	ug/l	99
11) Allyl Chloride	2.923	41	16514	1.812	ug/l	98
12) Acrylonitrile	3.315	53	5633	3.768	ug/l	97
13) Acetone	2.637	43	18503	8.658	ug/l	# 84
14) Carbon Disulfide	2.794	76	25930	1.936	ug/l	99
15) Methylene Chloride	3.045	84	18749	2.247	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	12847	2.002	ug/l	95
17) 1,1-Dichloroethane	3.868	63	26587	1.893	ug/l	98
18) 2-Butanone	4.720	43	24183	9.425	ug/l	94
19) Cyclohexane	5.382	56	18758	1.673	ug/l	91
20) Methylcyclohexane	6.759	83	21384	1.987	ug/l	100
21) 2,2-Dichloropropane	4.659	77	23879	1.941	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	15298	1.931	ug/l	96
23) Diethyl Ether	2.376	59	9186	1.923	ug/l	97
24) tert-Butyl Alcohol	3.228	59	7076	12.609	ug/l	# 86
25) Methyl tert-Butyl Ether	3.360	73	33041	1.946	ug/l	100
26) Bromochloromethane	4.968	128	5681	1.855	ug/l	92
27) Chloroform	5.087	83	27521	1.902	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	22565	1.857	ug/l	98
29) 1,1-Dichloropropene	5.521	75	17988	1.975	ug/l	97
30) Carbon Tetrachloride	5.521	117	16609	1.985	ug/l	95
31) Isopropyl Ether	3.993	45	42397	1.893	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	39052	1.839	ug/l	98
33) Tert-Amyl methyl ether	5.942	73	31457	1.867	ug/l	99
34) Propionitrile	4.794	54	5917	9.913	ug/l	# 77
35) Benzene	5.772	78	52386	1.949	ug/l	97
36) 1,2-Dichloroethane	5.794	62	15175	1.889	ug/l	99
37) Trichloroethene	6.540	130	12421	2.014	ug/l	96
38) 1,2-Dichloropropane	6.791	63	15688	2.018	ug/l	92
39) Methacrylonitrile	4.977	41	4640	1.822	ug/l	94
40) Methyl acrylate	4.852	55	6389	1.623	ug/l	# 89
41) Tetrahydrofuran	5.064	42	5434	4.353	ug/l	95
42) 1-Chlorobutane	5.453	56	24858	1.961	ug/l	98
43) Dibromomethane	6.916	93	6256	1.816	ug/l	93
44) Bromodichloromethane	7.103	83	18246	1.936	ug/l	99

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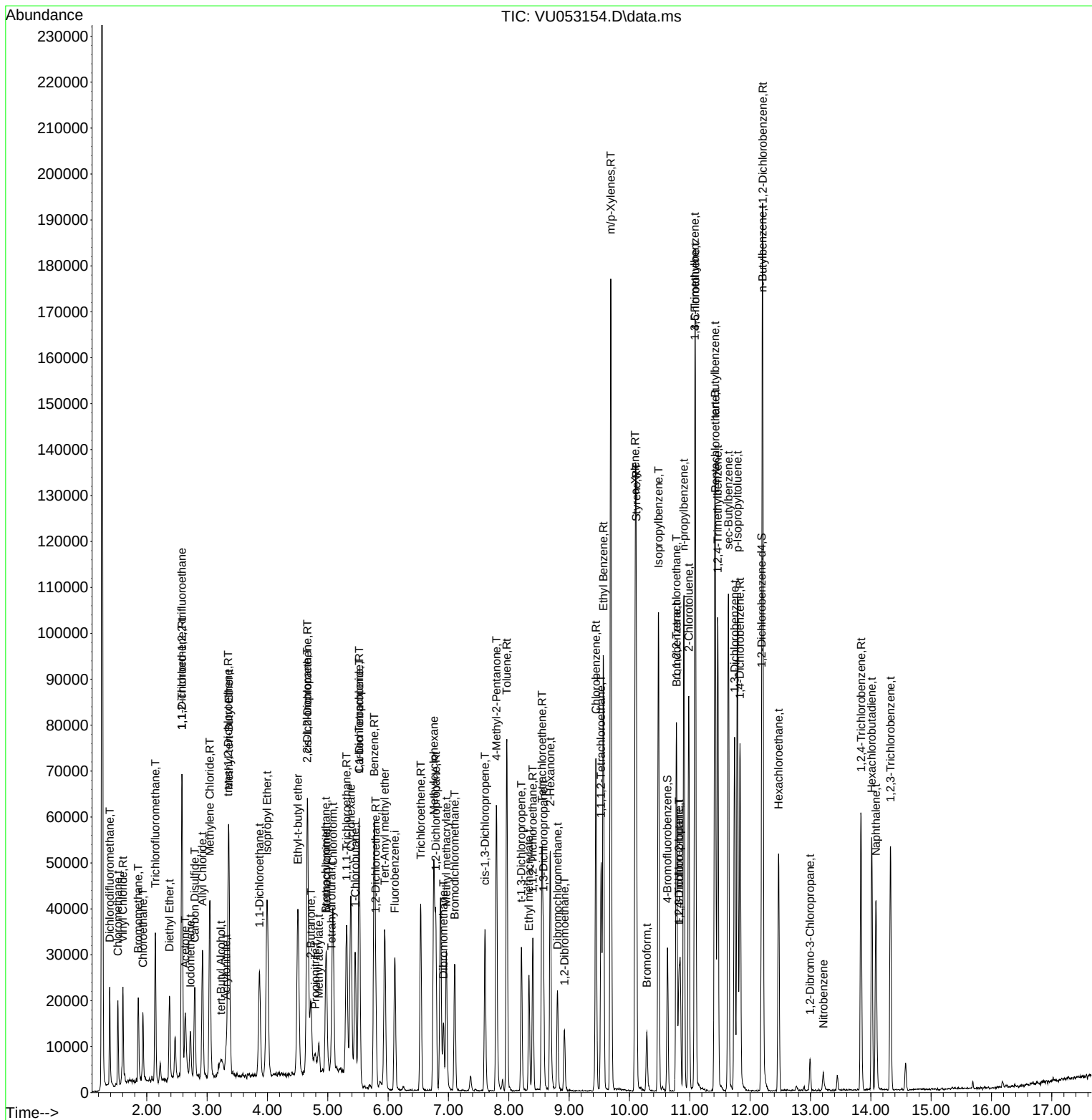
Instrument :
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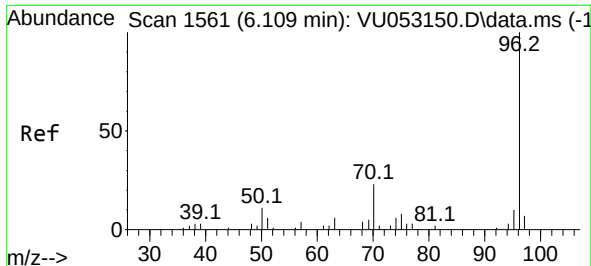
Quant Time: Feb 28 03:52:06 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	41271	9.812	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	16966	8.005	ug/l #	54
47) Methyl methacrylate	6.964	69	13525	3.814	ug/l	98
48) Ethyl methacrylate	8.334	69	14806	2.035	ug/l	96
49) Toluene	7.968	92	32484	1.963	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	18676	2.040	ug/l	96
51) cis-1,3-Dichloropropene	7.604	75	21303	1.920	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	9986	1.973	ug/l	94
53) 1,3-Dichloropropane	8.575	76	18721	2.064	ug/l	98
54) 2-Hexanone	8.688	43	33549	9.361	ug/l	99
55) Dibromochloromethane	8.810	129	10953	1.897	ug/l	99
56) 1,2-Dibromoethane	8.923	107	9120	2.029	ug/l	99
58) Tetrachloroethene	8.550	164	10039	2.041	ug/l	94
59) Chlorobenzene	9.443	112	37990	2.053	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.530	131	12175	1.991	ug/l	98
61) Pentachloroethane	11.424	117	10814	2.036	ug/l	97
62) Hexachloroethane	12.472	117	10955	1.870	ug/l	99
63) Ethyl Benzene	9.566	91	69069	2.022	ug/l	98
64) m/p-Xylenes	9.691	106	50176	4.050	ug/l	99
65) o-Xylene	10.096	106	25581	2.022	ug/l	99
66) Styrene	10.112	104	40774	2.033	ug/l	98
67) Bromoform	10.289	173	5469	1.948	ug/l #	98
69) Isopropylbenzene	10.482	105	68668	2.026	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	13651	2.002	ug/l	97
71) 1,2,3-Trichloropropane	10.823	75	16966	2.891	ug/l #	55
72) Bromobenzene	10.781	156	13389	2.036	ug/l	98
73) n-propylbenzene	10.903	120	18366	2.043	ug/l	97
74) 2-Chlorotoluene	10.984	126	15166	2.037	ug/l	97
75) 1,3,5-Trimethylbenzene	11.083	105	55773	1.978	ug/l	99
76) 4-Chlorotoluene	11.093	126	15661	2.001	ug/l	86
77) tert-Butylbenzene	11.418	119	54820	1.984	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	57739	2.009	ug/l	99
79) sec-Butylbenzene	11.639	105	77346	2.017	ug/l	99
80) Nitrobenzene	13.215	77	2657	7.455	ug/l #	80
81) p-Isopropyltoluene	11.791	119	60089	1.978	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	29545	2.047	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	28766	1.952	ug/l	97
84) n-Butylbenzene	12.205	91	64710	2.056	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	27738	2.015	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.993	75	1991	1.874	ug/l	93
87) 1,2,4-Trichlorobenzene	13.839	180	17370	2.056	ug/l	97
88) Hexachlorobutadiene	14.016	225	8345	2.023	ug/l	98
89) Naphthalene	14.086	128	36235	2.016	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	14793	1.990	ug/l	98

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

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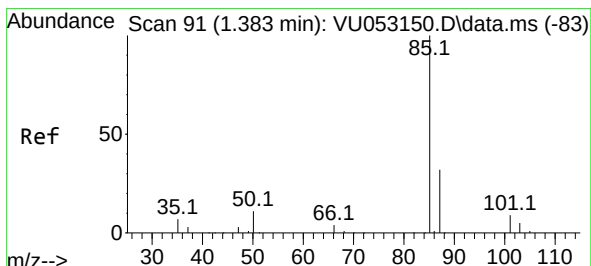
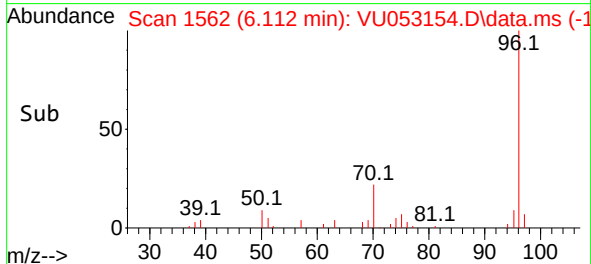
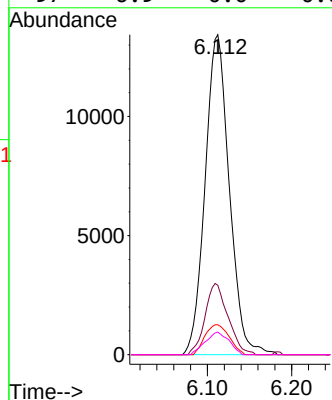
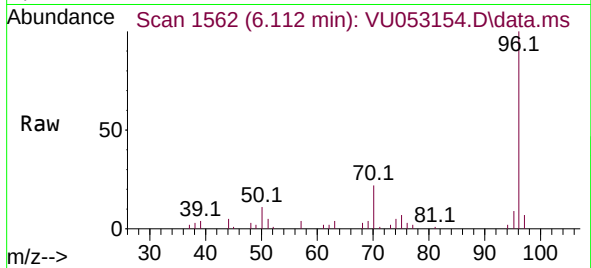




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

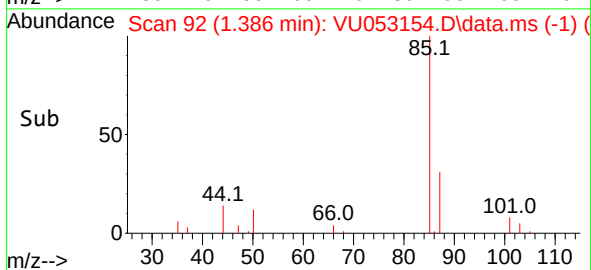
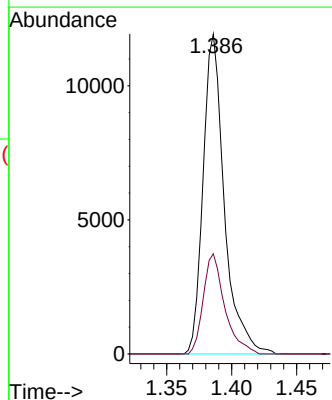
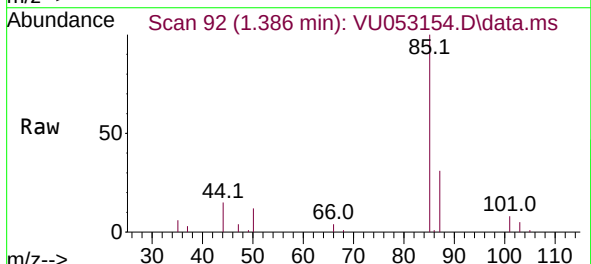
Instrument :
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VU0227WBS01

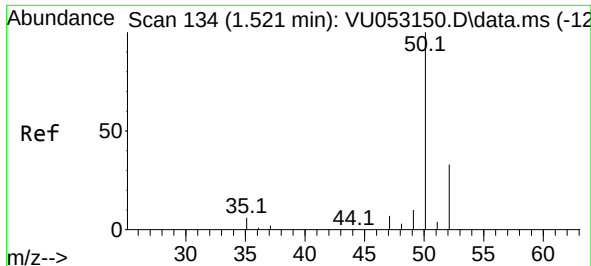
Tgt Ion: 96	Resp: 26822
Ion Ratio	Lower Upper
96 100	
70 21.1	15.5 23.3
95 9.4	7.0 10.6
97 6.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 1.994 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 85	Resp: 13573
Ion Ratio	Lower Upper
85 100	
87 31.3	16.1 48.2

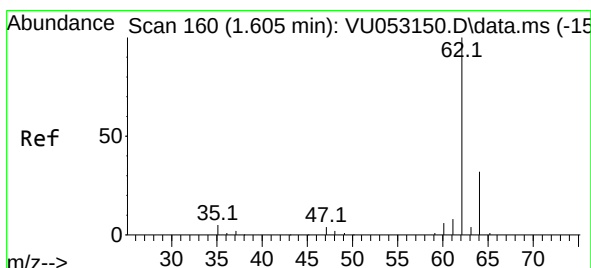
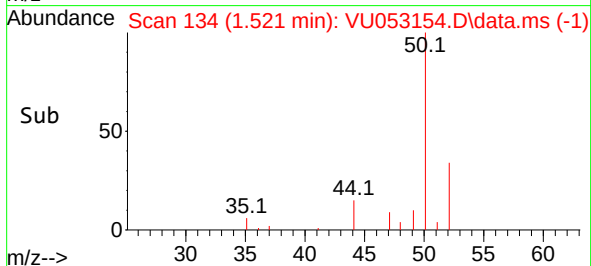
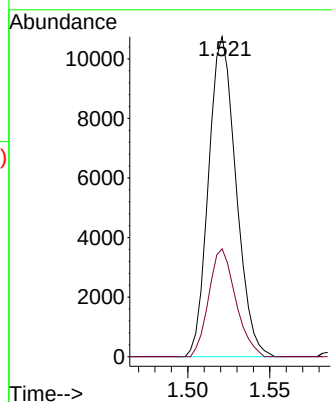
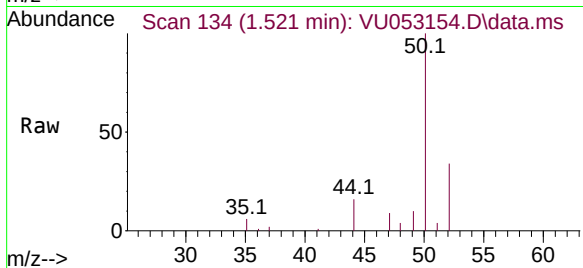




#3
Chloromethane
Concen: 1.781 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

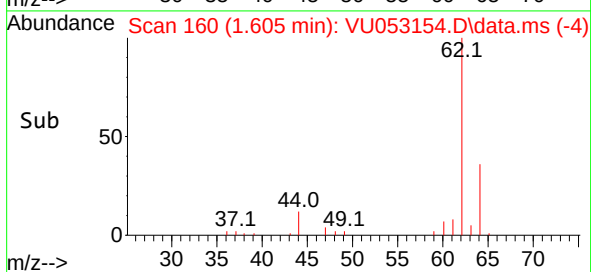
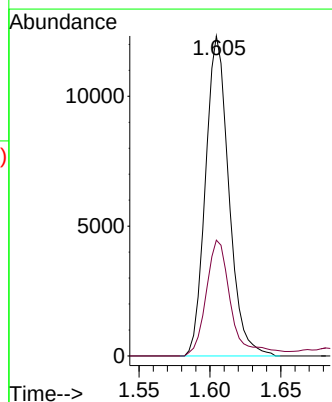
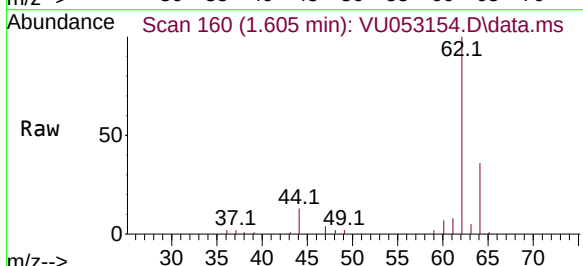
Instrument :
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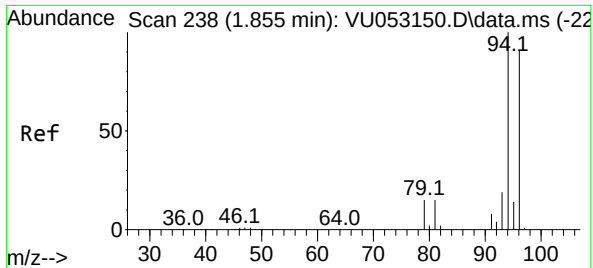
Tgt Ion: 50 Resp: 12491
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 1.889 ug/l
RT: 1.605 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 62 Resp: 14106
Ion Ratio Lower Upper
62 100
64 36.2 25.8 38.6

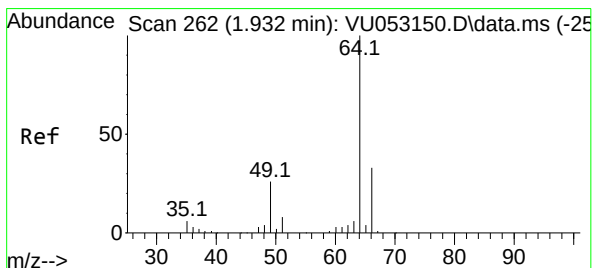
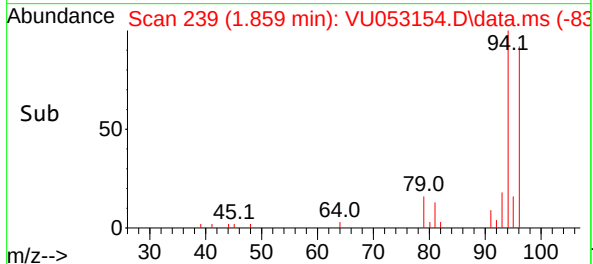
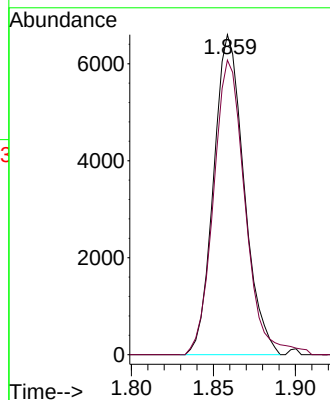
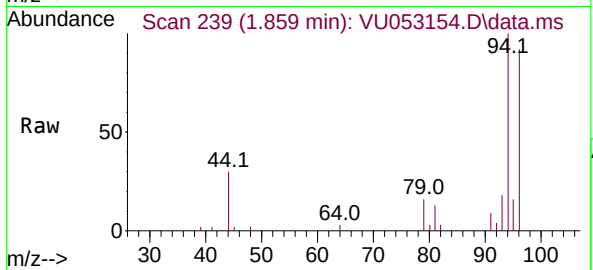




#5
Bromomethane
Concen: 2.005 ug/l
RT: 1.859 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

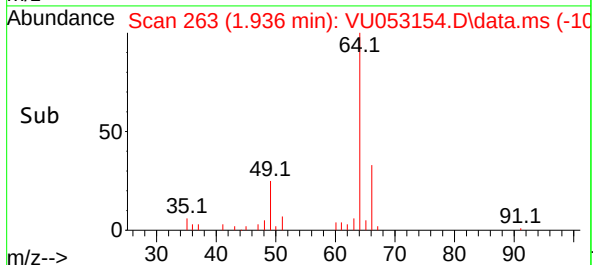
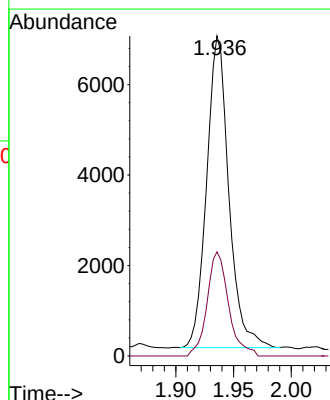
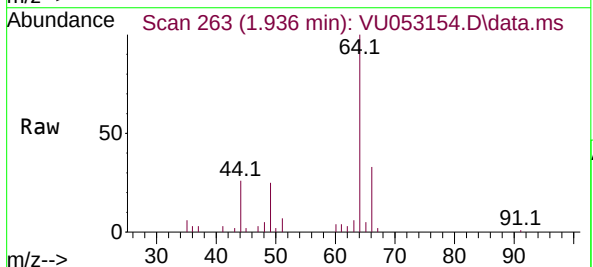
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ClientSampleId :
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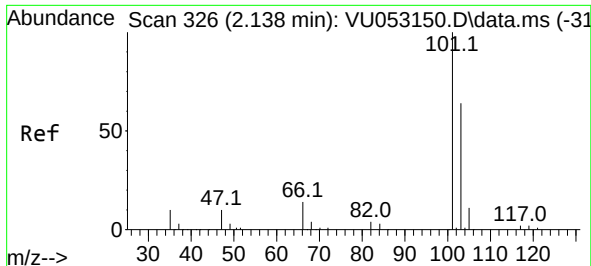
Tgt Ion: 94 Resp: 8523
Ion Ratio Lower Upper
94 100
96 92.0 72.6 108.8



#6
Chloroethane
Concen: 2.026 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 64 Resp: 9191
Ion Ratio Lower Upper
64 100
66 33.4 26.8 40.2

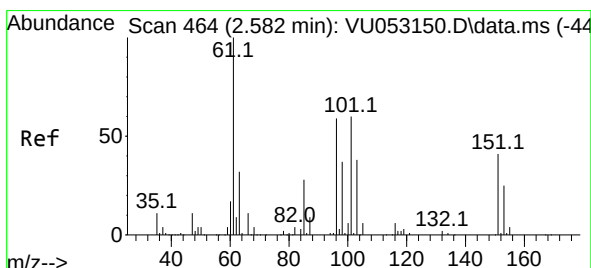
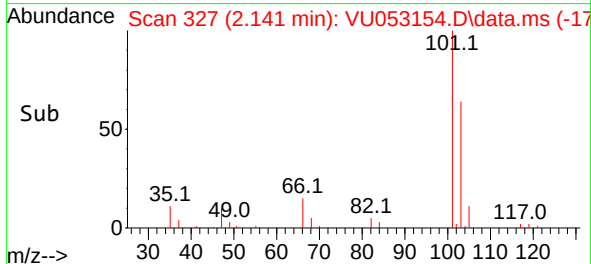
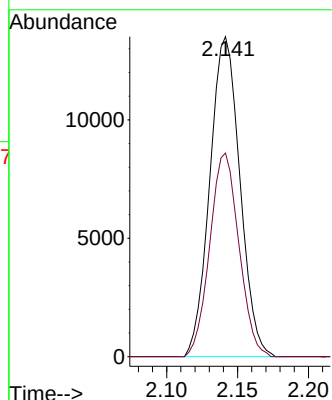
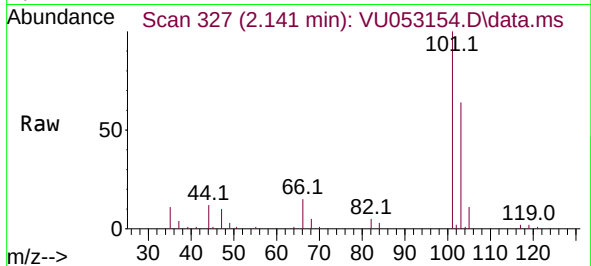




#7
 Trichlorofluoromethane
 Concen: 1.855 ug/l
 RT: 2.141 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

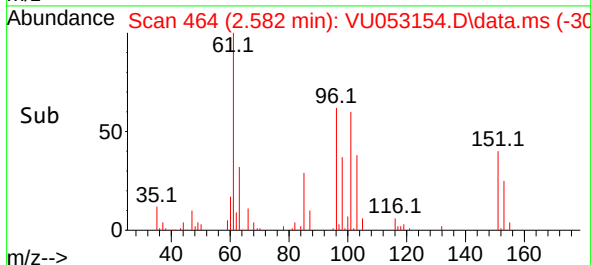
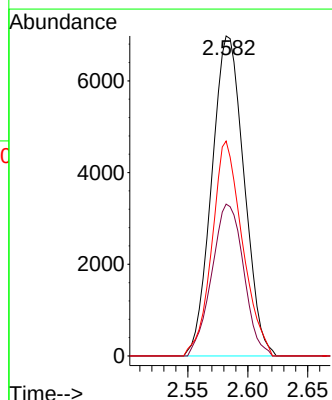
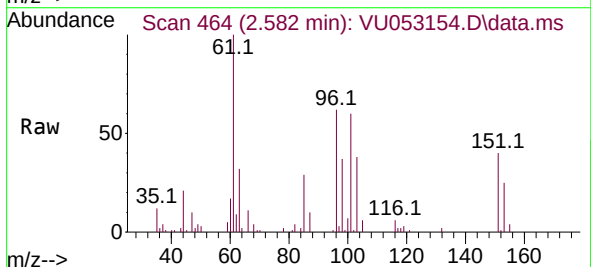
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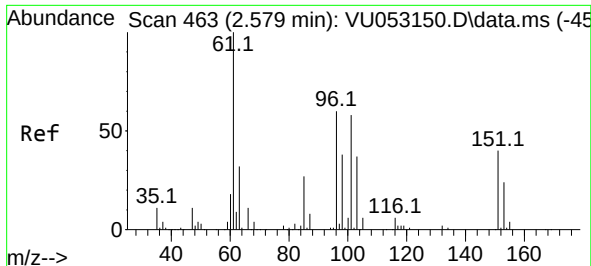
Tgt Ion:101 Resp: 19949
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.941 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VU053154.D
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Tgt Ion:101 Resp: 13049
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.3 55.9
 151 63.3 52.4 78.6

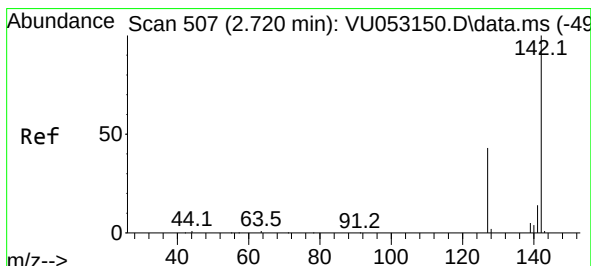
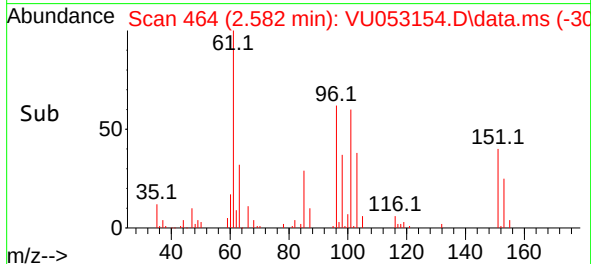
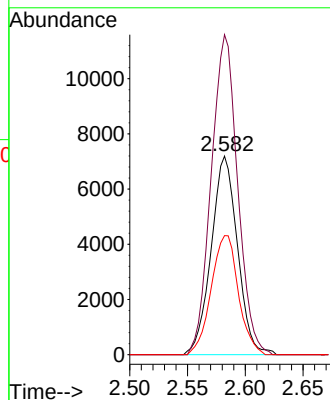
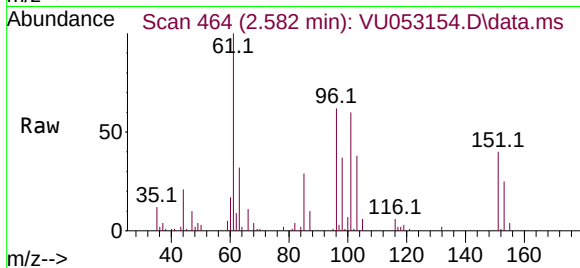




#9
1,1-Dichloroethene
Concen: 1.954 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

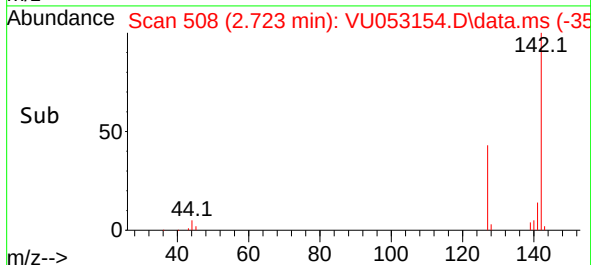
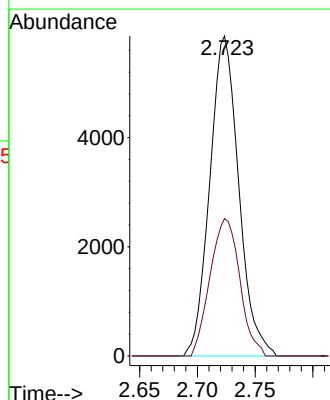
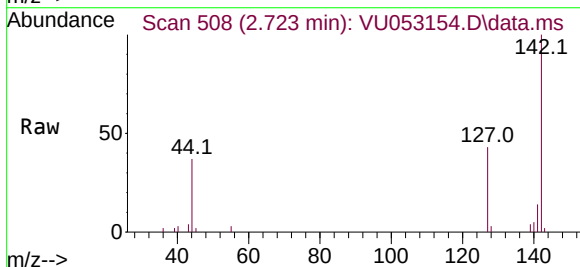
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ClientSampleId :
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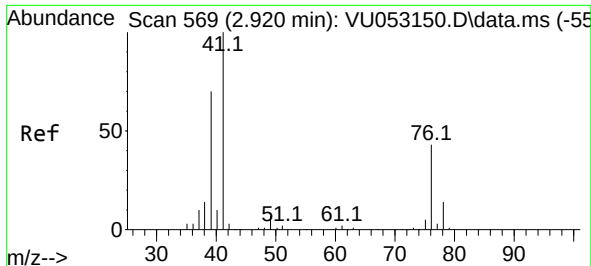
Tgt Ion: 96 Resp: 11410
Ion Ratio Lower Upper
96 100
61 161.2 0.0 502.5
98 59.9 0.0 126.2



#10
Iodomethane
Concen: 1.701 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 142 Resp: 10218
Ion Ratio Lower Upper
142 100
127 44.0 35.8 53.8





#11

Allyl Chloride

Concen: 1.812 ug/l

RT: 2.923 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

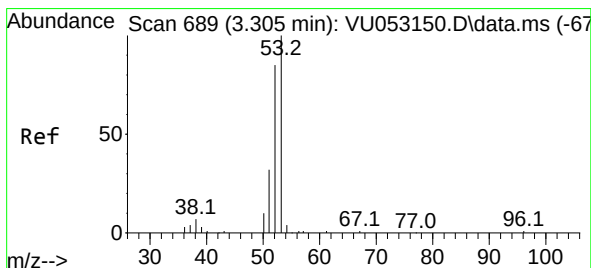
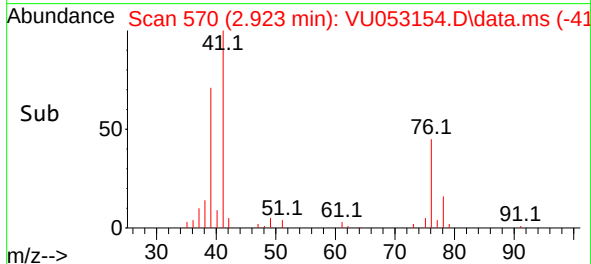
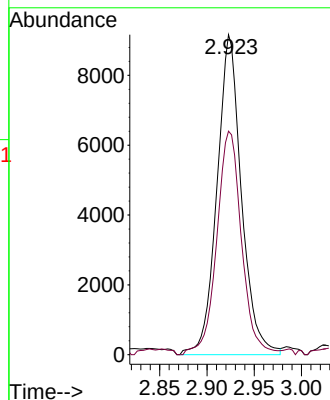
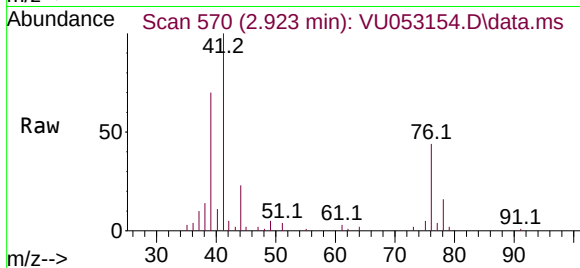
VU0227WBS01

Tgt Ion: 41 Resp: 16514

Ion Ratio Lower Upper

41 100

39 70.4 55.3 82.9



#12

Acrylonitrile

Concen: 3.768 ug/l

RT: 3.315 min Scan# 692

Delta R.T. 0.010 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

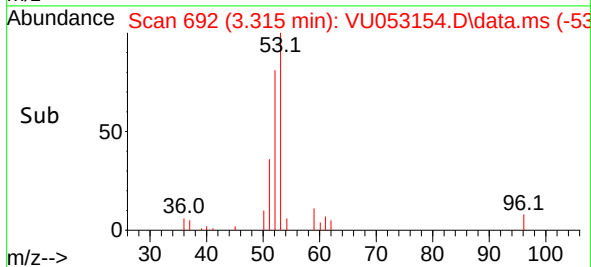
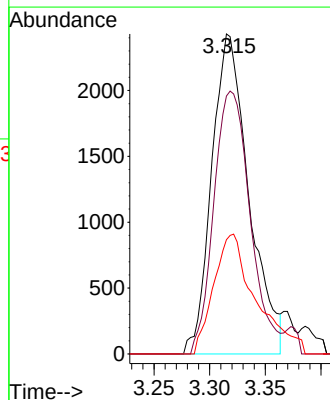
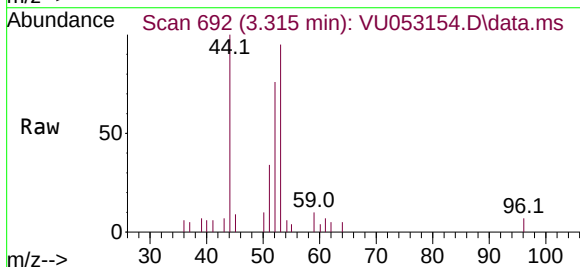
Tgt Ion: 53 Resp: 5633

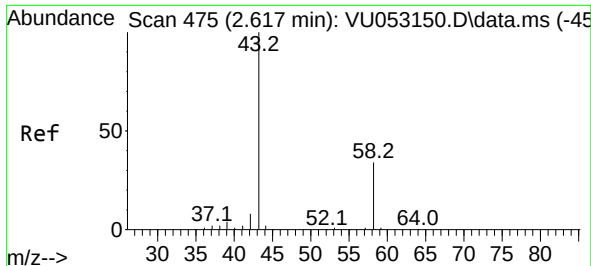
Ion Ratio Lower Upper

53 100

52 80.3 65.9 98.9

51 42.5 31.8 47.8





#13

Acetone

Concen: 8.658 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

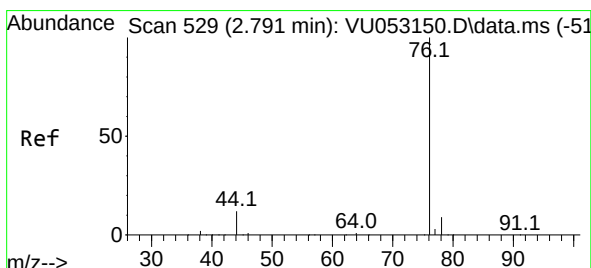
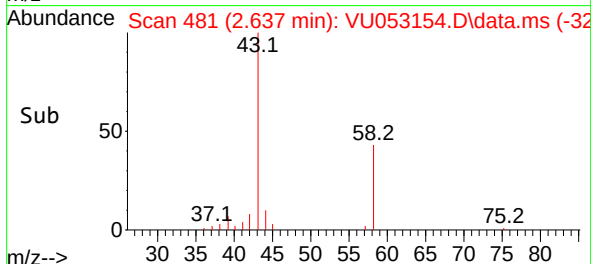
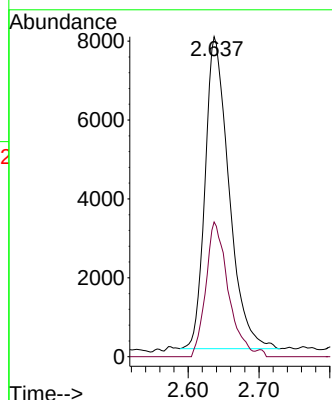
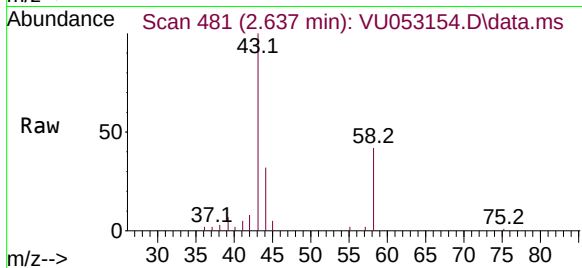
VU0227WBS01

Tgt Ion: 43 Resp: 18503

Ion Ratio Lower Upper

43 100

58 43.2 27.2 40.8#



#14

Carbon Disulfide

Concen: 1.936 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053154.D

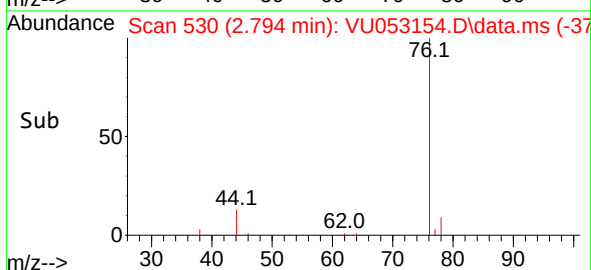
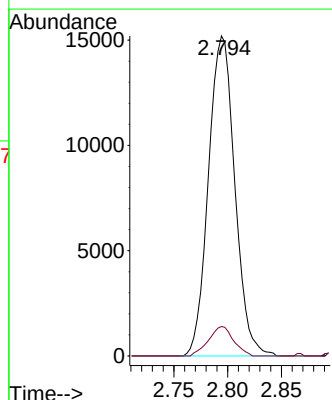
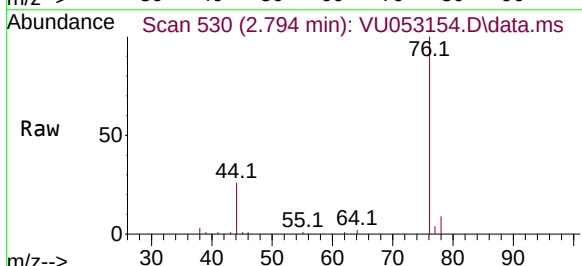
Acq: 27 Feb 2023 15:46

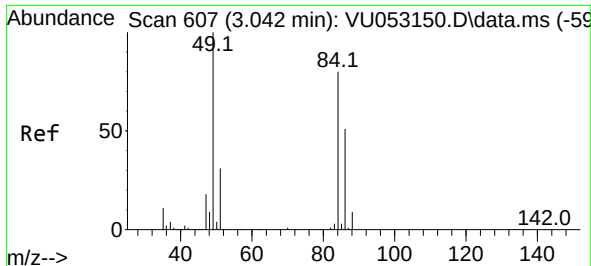
Tgt Ion: 76 Resp: 25930

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

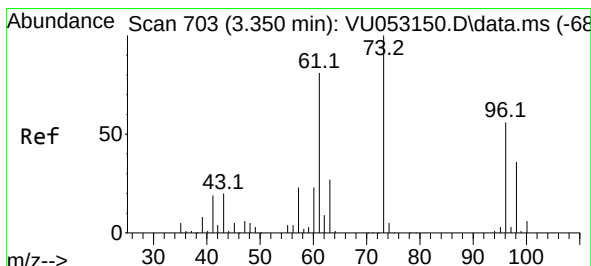
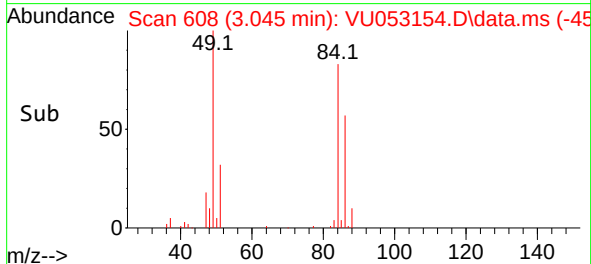
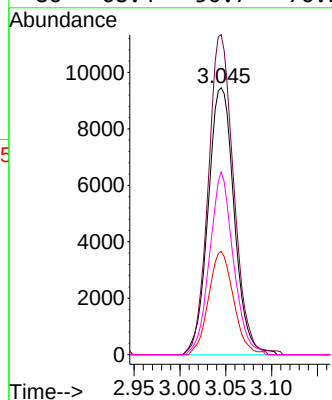
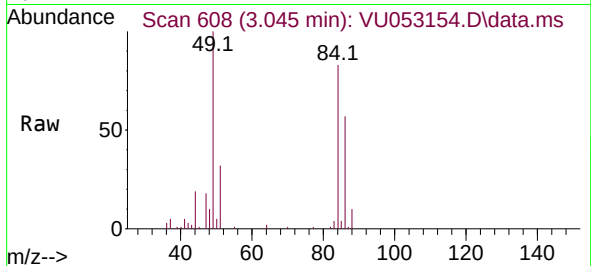




#15
Methylene Chloride
Concen: 2.247 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

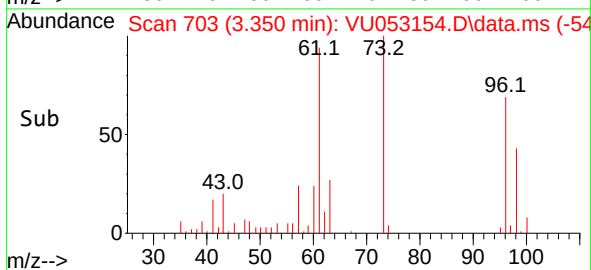
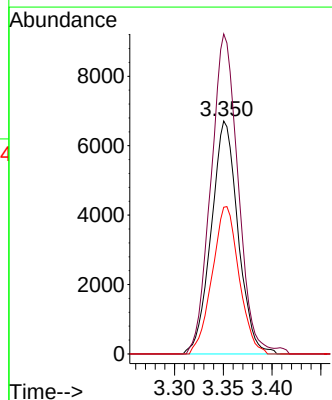
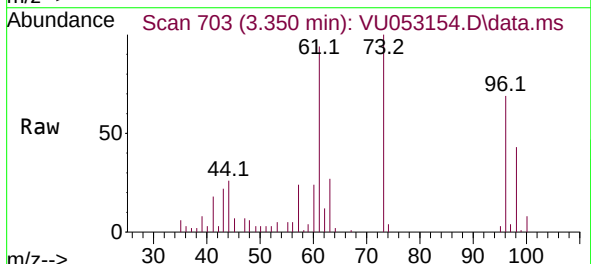
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

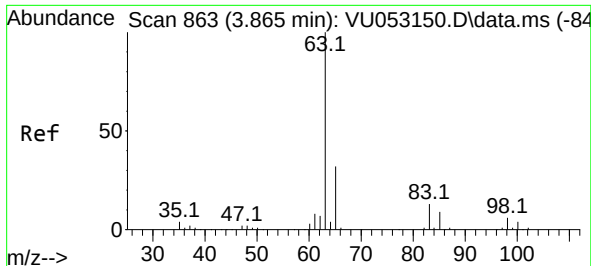
Tgt Ion: 84	Resp: 18749
Ion Ratio	Lower Upper
84 100	
49 119.9	99.5 149.3
51 38.6	0.0 76.8
86 68.4	50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 2.002 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 96	Resp: 12847		
Ion Ratio	Lower	Upper	
96	100		
61	137.4	116.1	174.1
98	63.0	51.4	77.2

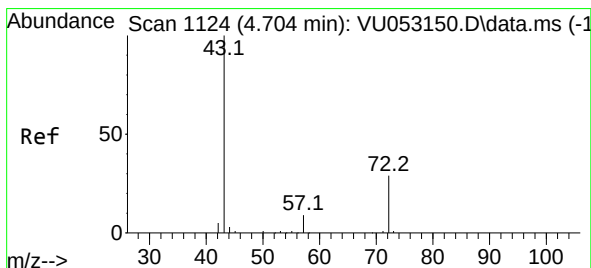
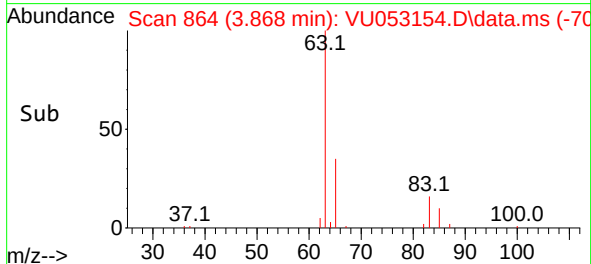
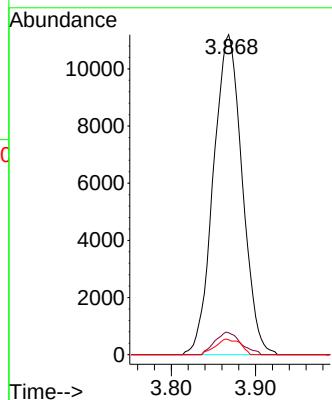
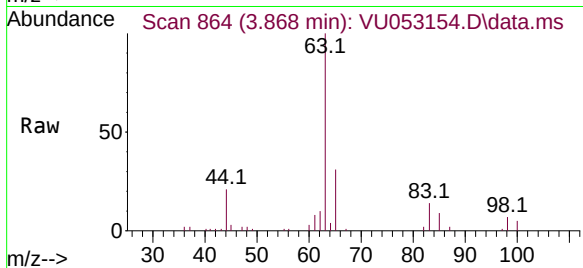




#17
1,1-Dichloroethane
Concen: 1.893 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

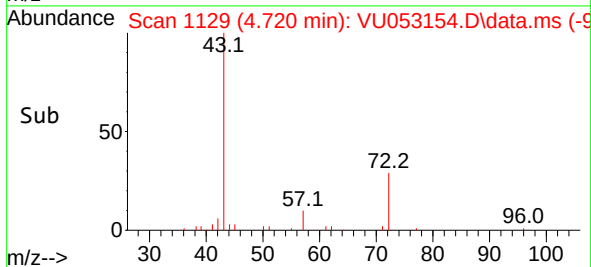
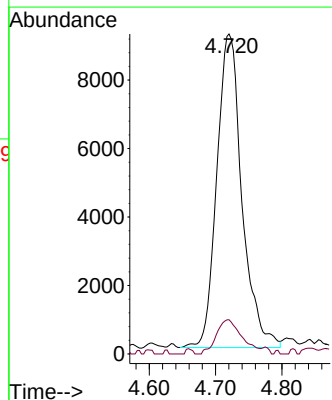
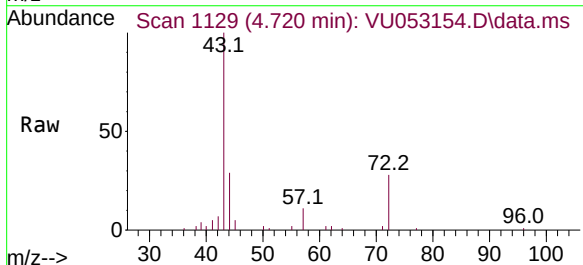
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

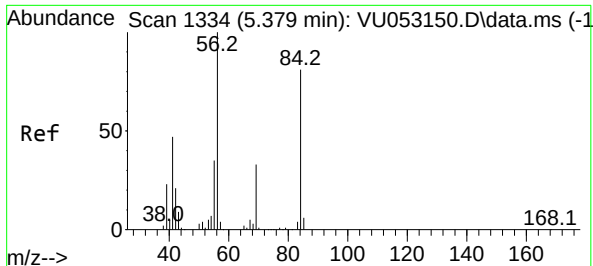
Tgt Ion: 63 Resp: 26587
Ion Ratio Lower Upper
63 100
98 6.9 3.1 9.4
100 4.6 2.1 6.2



#18
2-Butanone
Concen: 9.425 ug/l
RT: 4.720 min Scan# 1129
Delta R.T. 0.016 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 43 Resp: 24183
Ion Ratio Lower Upper
43 100
57 10.9 0.0 17.6





#19

Cyclohexane

Concen: 1.673 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

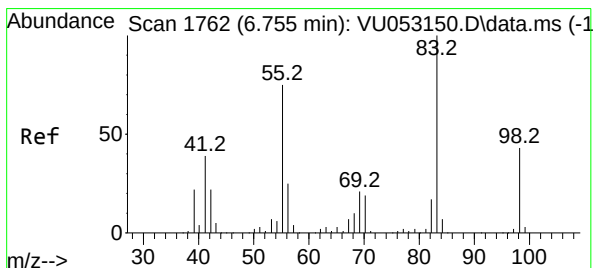
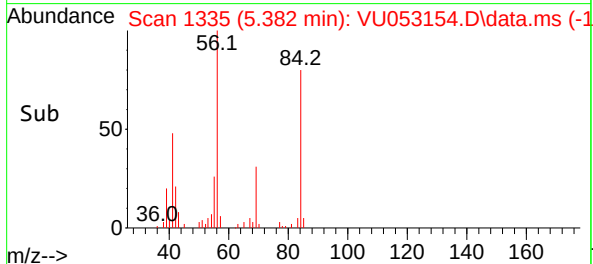
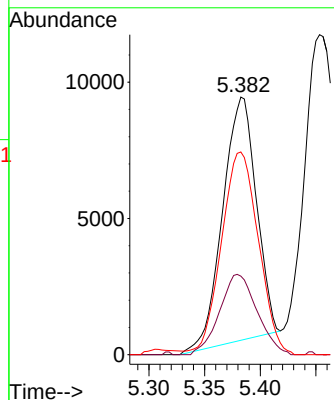
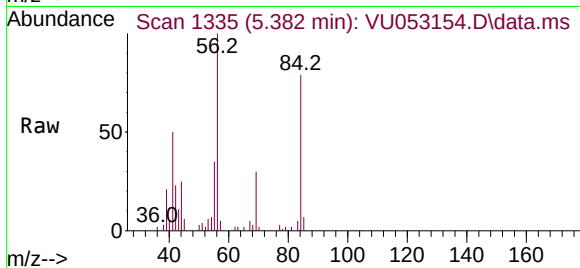
Tgt Ion: 56 Resp: 18758

Ion Ratio Lower Upper

56 100

69 36.8 26.1 39.1

84 89.8 64.7 97.1



#20

Methylcyclohexane

Concen: 1.987 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

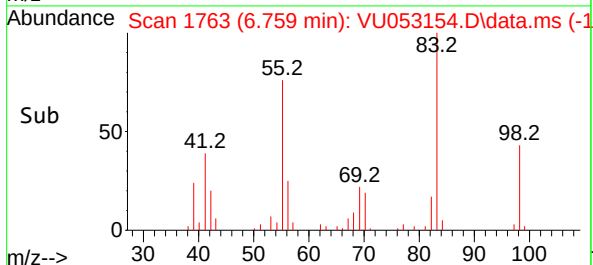
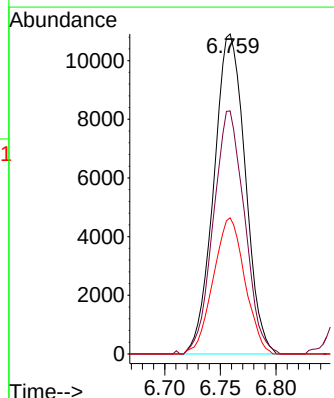
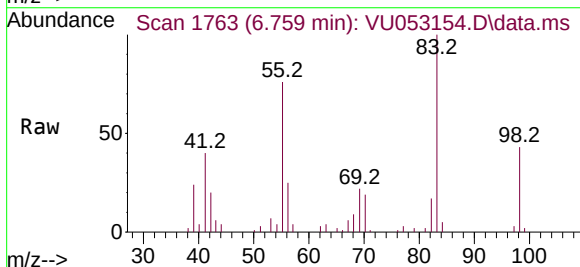
Tgt Ion: 83 Resp: 21384

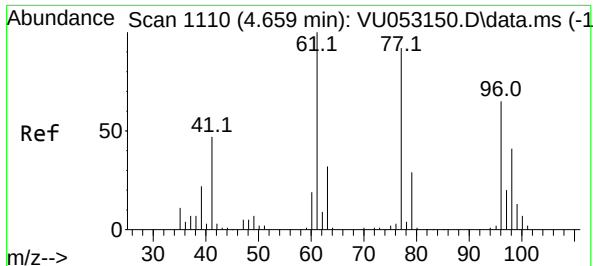
Ion Ratio Lower Upper

83 100

55 75.4 60.2 90.2

98 42.8 33.9 50.9





#21

2,2-Dichloropropane

Concen: 1.941 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

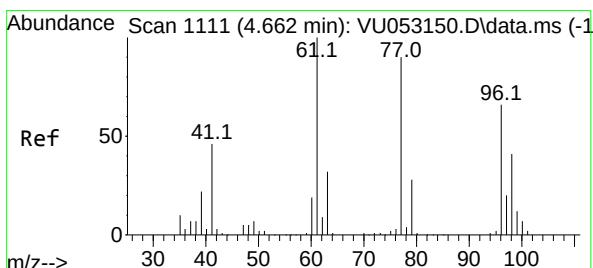
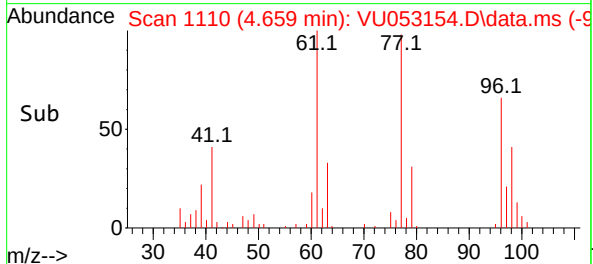
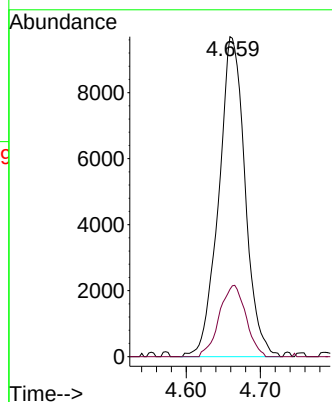
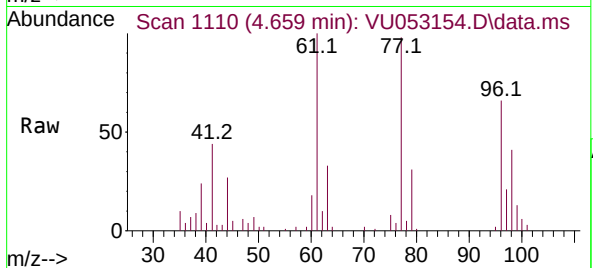
VU0227WBS01

Tgt Ion: 77 Resp: 23879

Ion Ratio Lower Upper

77 100

97 22.5 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 1.931 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

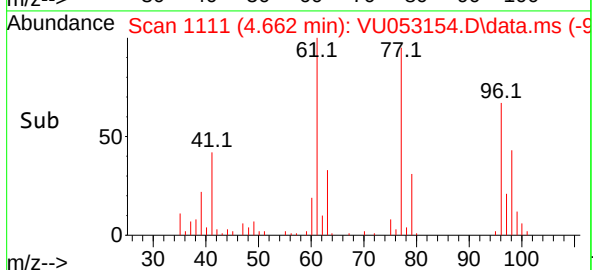
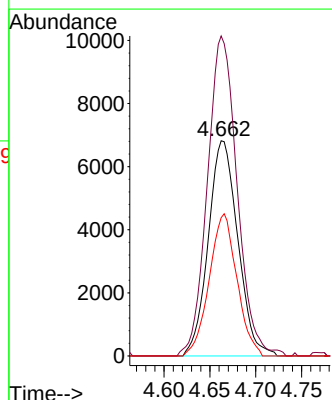
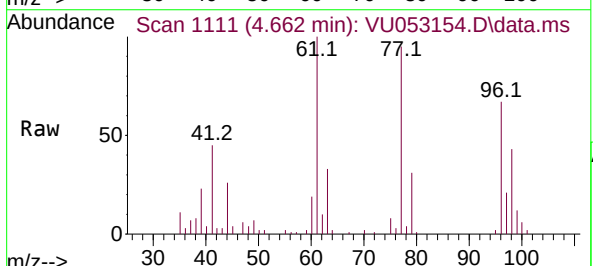
Tgt Ion: 96 Resp: 15298

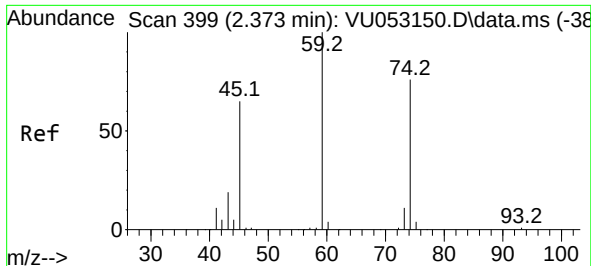
Ion Ratio Lower Upper

96 100

61 149.7 0.0 390.5

98 61.8 31.9 95.9

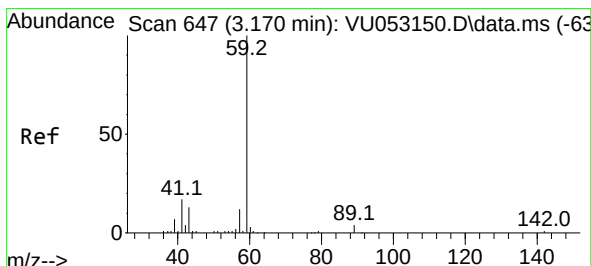
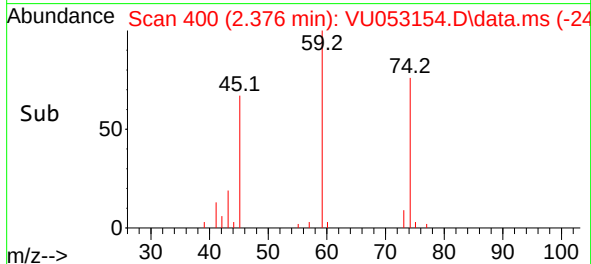
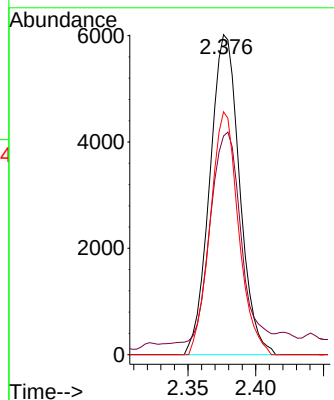
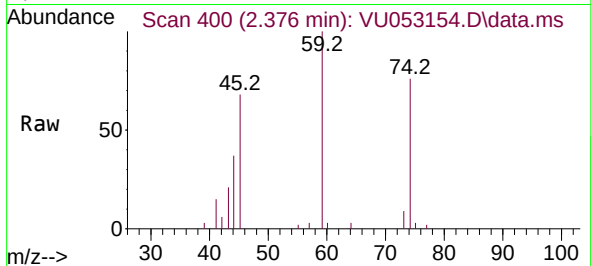




#23
Diethyl Ether
Concen: 1.923 ug/l
RT: 2.376 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

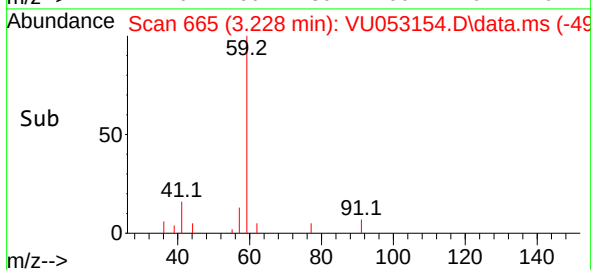
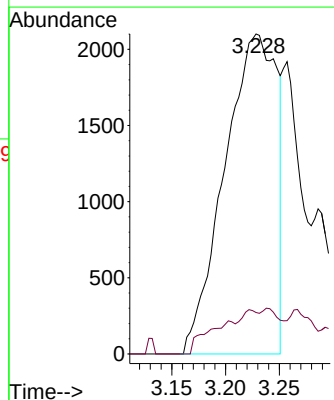
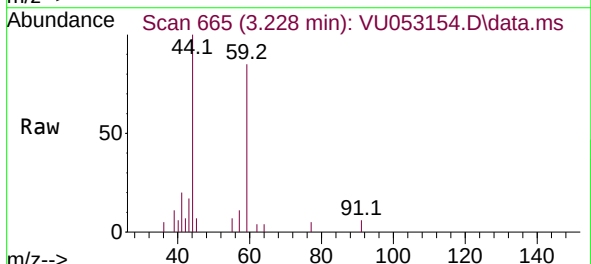
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

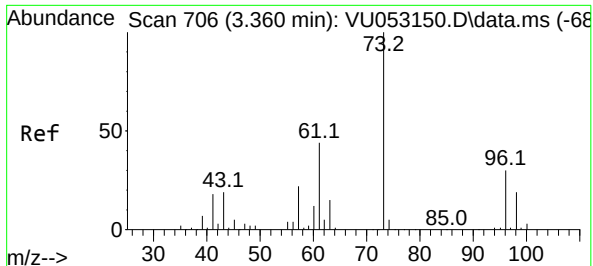
Tgt Ion: 59	Resp: 9186
Ion Ratio	Lower Upper
59	100
45	66.7 54.2 81.2
74	72.3 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 12.609 ug/l
RT: 3.228 min Scan# 665
Delta R.T. 0.058 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 59	Resp: 7076
Ion Ratio	Lower Upper
59	100
57	5.8 8.7 13.1#

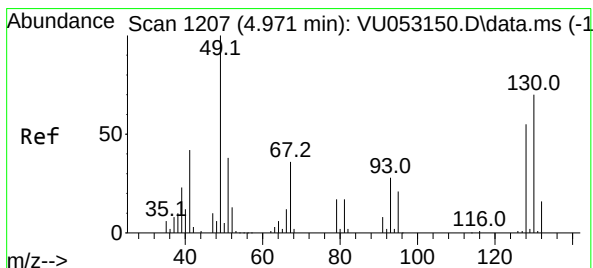
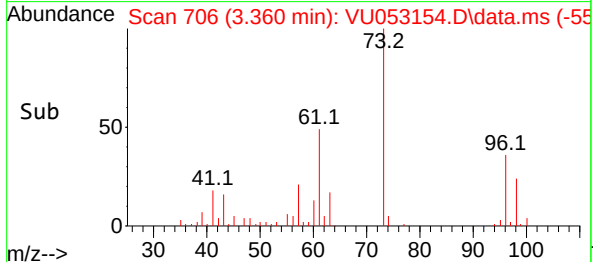
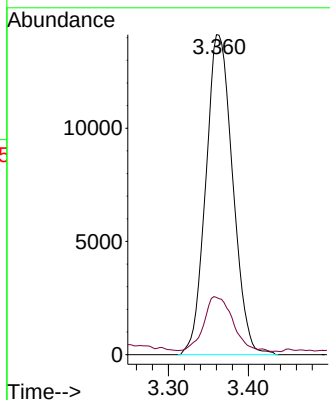
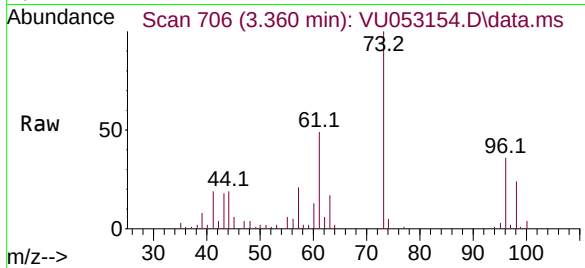




#25
Methyl tert-Butyl Ether
Concen: 1.946 ug/l
RT: 3.360 min Scan# 706
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

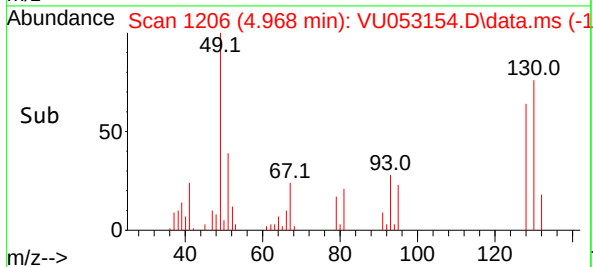
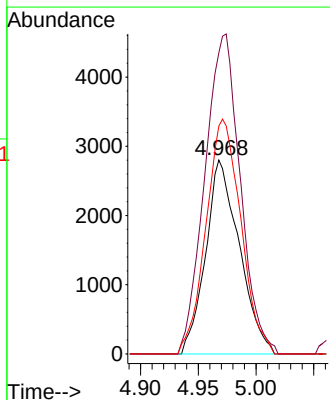
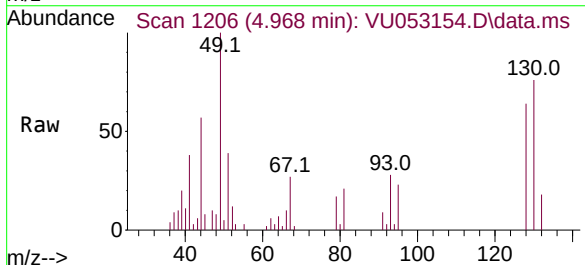
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

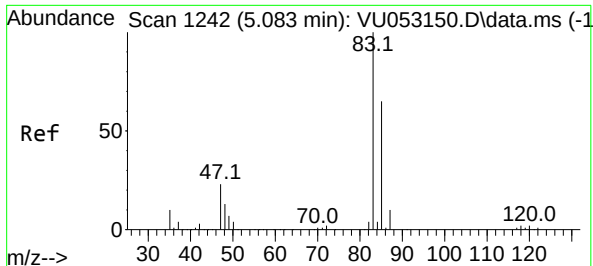
Tgt Ion: 73 Resp: 33041
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.6



#26
Bromochloromethane
Concen: 1.855 ug/l
RT: 4.968 min Scan# 1206
Delta R.T. -0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 128 Resp: 5681
Ion Ratio Lower Upper
128 100
49 173.4 0.0 376.8
130 125.6 104.8 157.2





#27

Chloroform

Concen: 1.902 ug/l

RT: 5.087 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

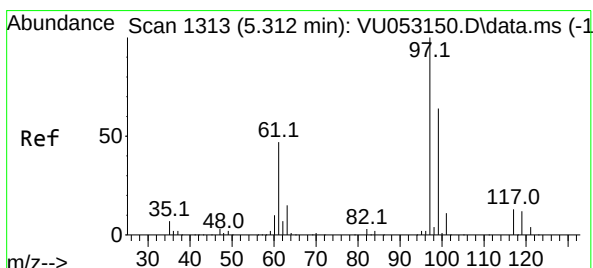
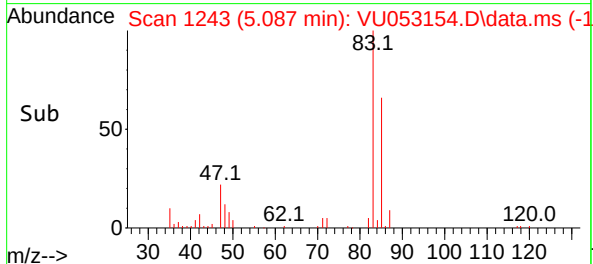
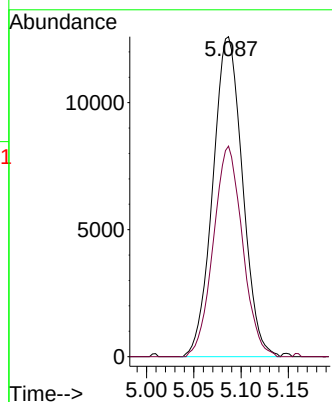
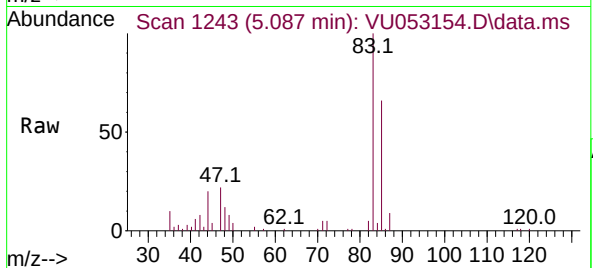
VU0227WBS01

Tgt Ion: 83 Resp: 27521

Ion Ratio Lower Upper

83 100

85 65.8 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 1.857 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

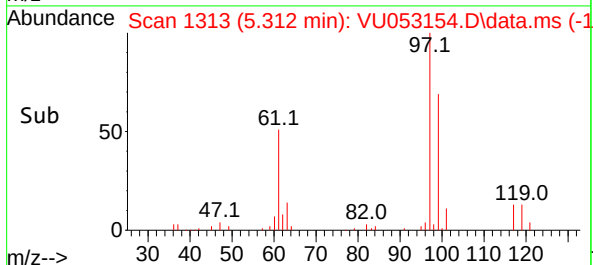
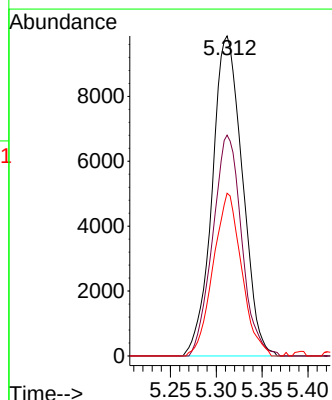
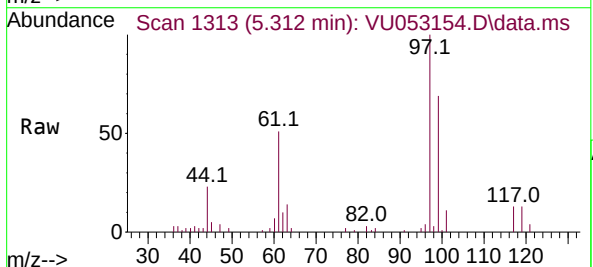
Tgt Ion: 97 Resp: 22565

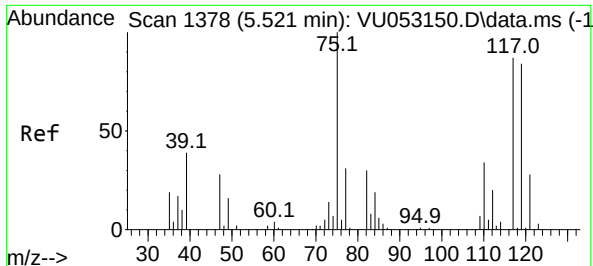
Ion Ratio Lower Upper

97 100

99 66.3 31.6 94.8

61 48.0 23.9 71.7





#29

1,1-Dichloropropene

Concen: 1.975 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

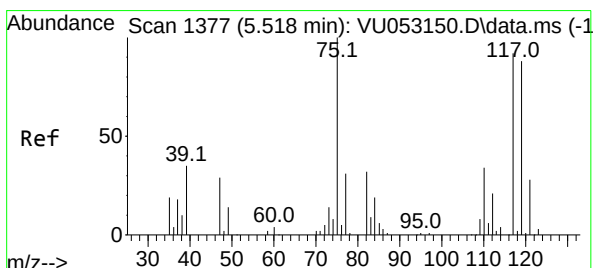
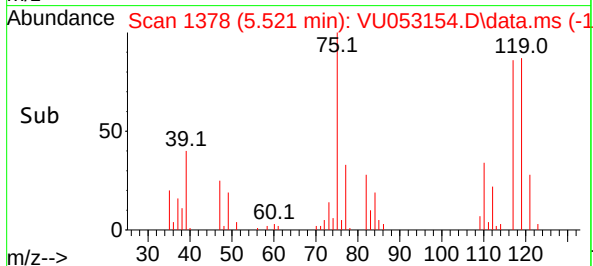
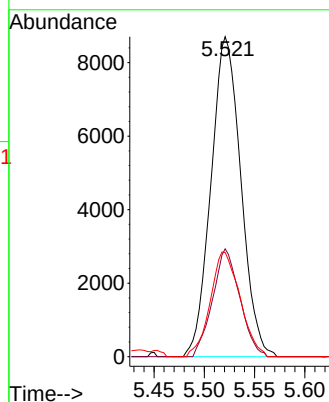
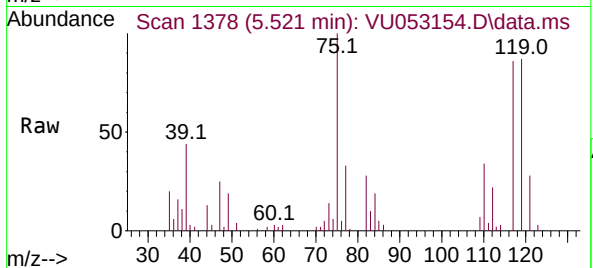
Tgt Ion: 75 Resp: 17988

Ion Ratio Lower Upper

75 100

110 30.6 16.3 48.8

77 32.6 24.9 37.3



#30

Carbon Tetrachloride

Concen: 1.985 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

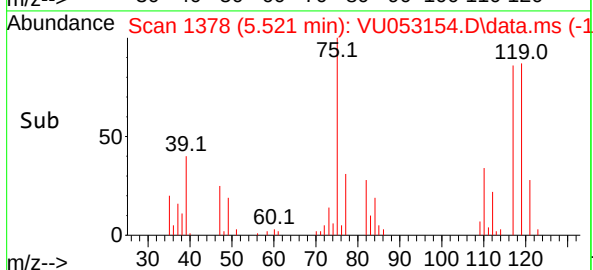
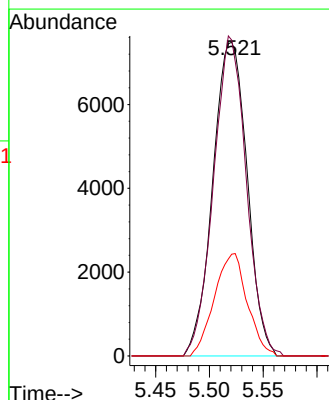
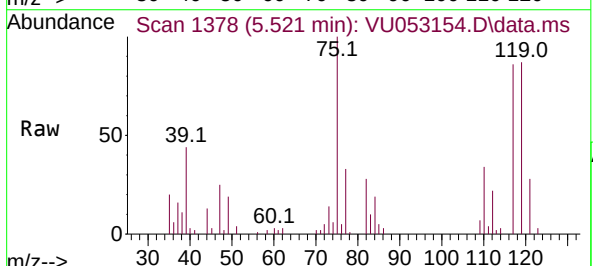
Tgt Ion: 117 Resp: 16609

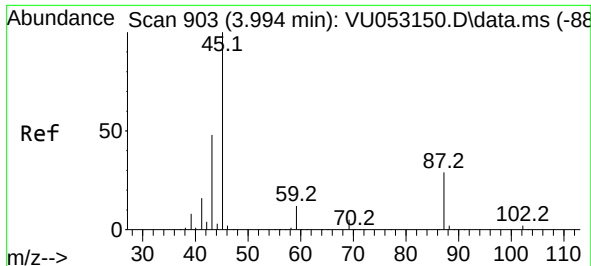
Ion Ratio Lower Upper

117 100

119 100.7 76.2 114.2

121 32.5 24.6 36.8

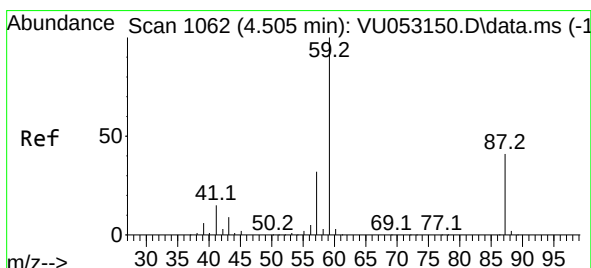
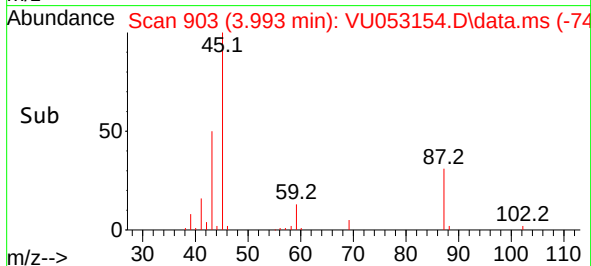
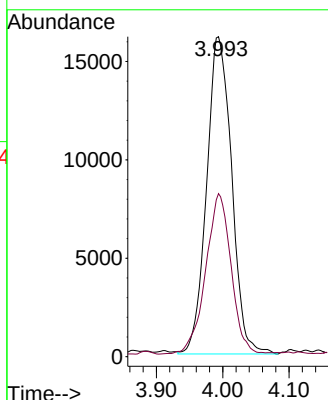
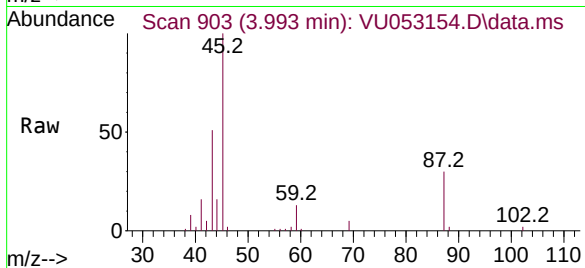




#31
Isopropyl Ether
Concen: 1.893 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

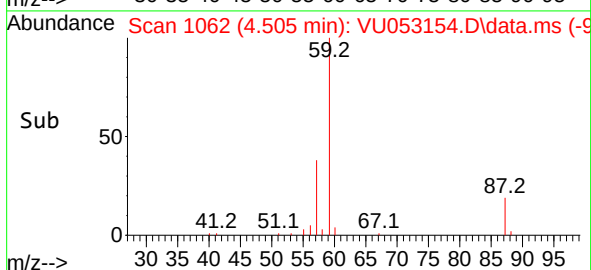
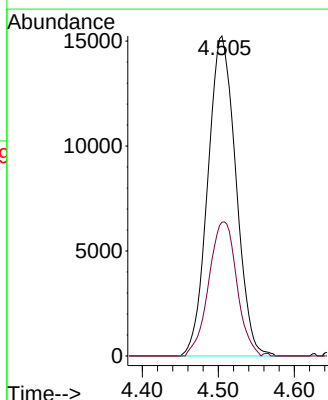
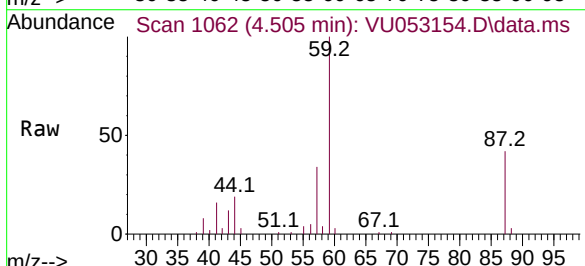
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

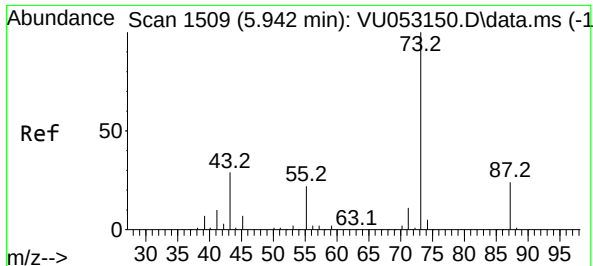
Tgt Ion: 45 Resp: 42397
Ion Ratio Lower Upper
45 100
43 50.5 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 1.839 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 59 Resp: 39052
Ion Ratio Lower Upper
59 100
87 42.0 32.5 48.7

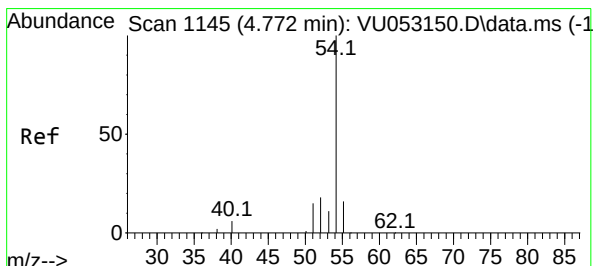
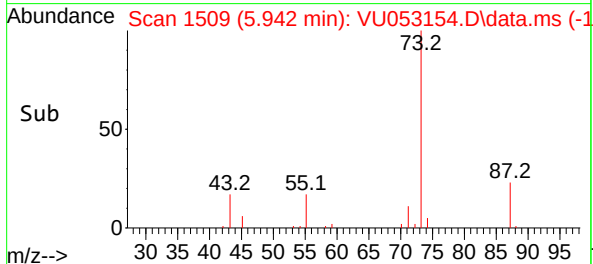
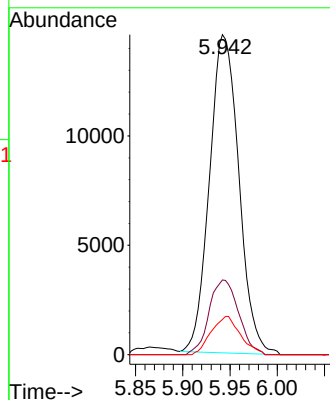
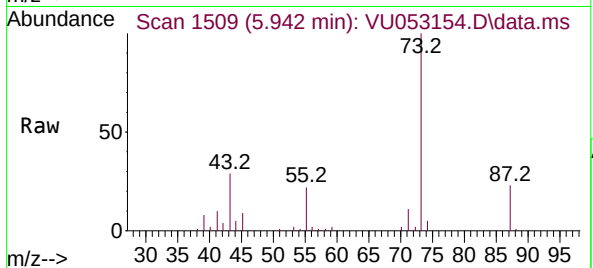




#33
Tert-Amyl methyl ether
Concen: 1.867 ug/l
RT: 5.942 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

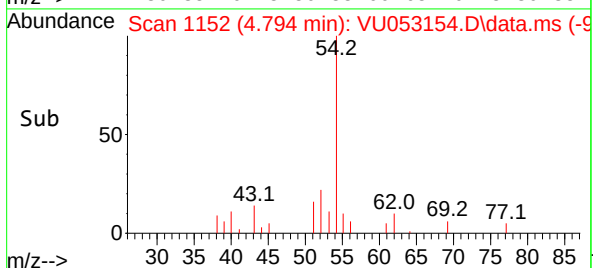
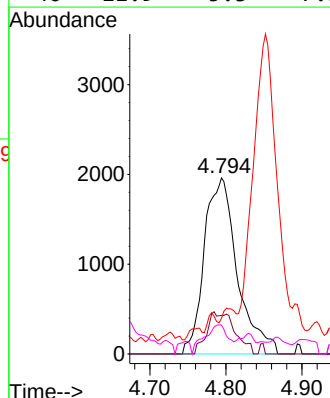
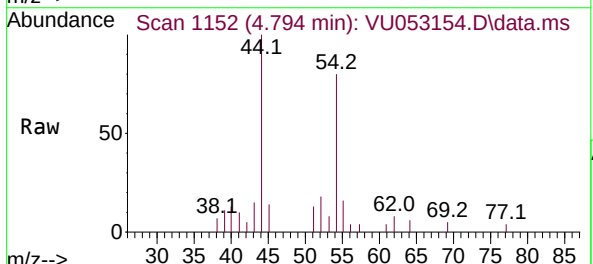
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

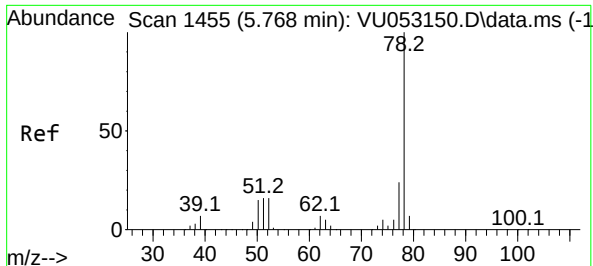
Tgt Ion:	73	Resp:	31457
Ion	Ratio	Lower	Upper
73	100		
87	23.6	19.0	28.4
71	11.9	9.2	13.8



#34
Propionitrile
Concen: 9.913 ug/l
RT: 4.794 min Scan# 1152
Delta R.T. 0.022 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:	54	Resp:	5917
Ion	Ratio	Lower	Upper
54	100		
52	9.3	16.5	24.7#
55	4.1	11.4	17.2#
40	11.9	5.3	7.9#





#35

Benzene

Concen: 1.949 ug/l

RT: 5.772 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

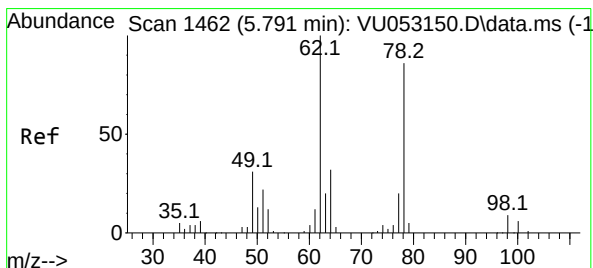
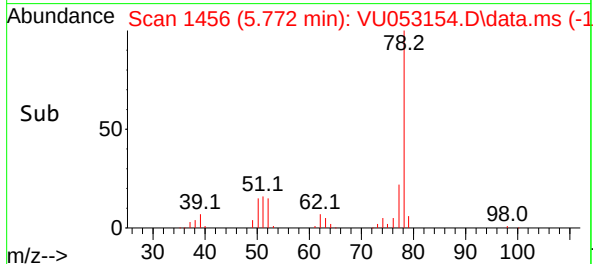
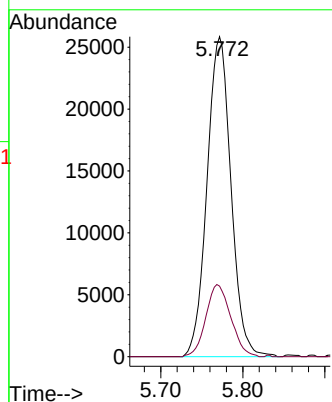
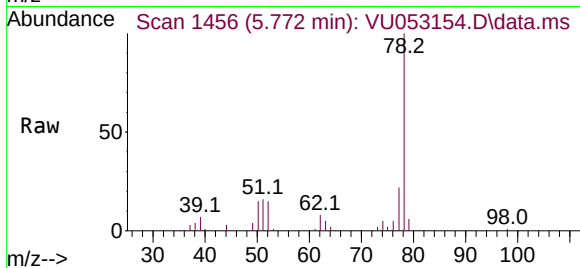
VU0227WBS01

Tgt Ion: 78 Resp: 52386

Ion Ratio Lower Upper

78 100

77 22.0 18.9 28.3



#36

1,2-Dichloroethane

Concen: 1.889 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053154.D

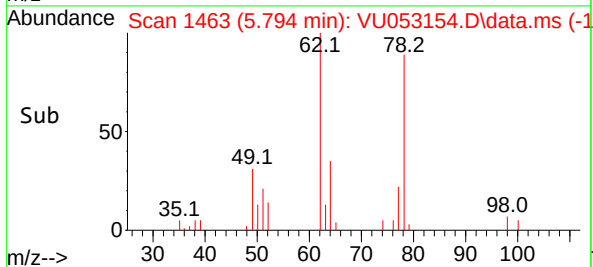
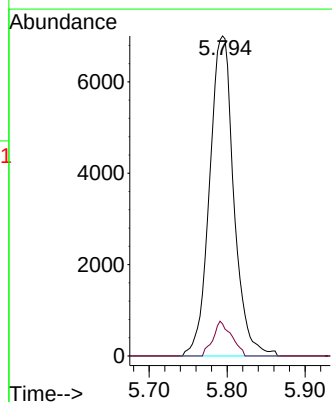
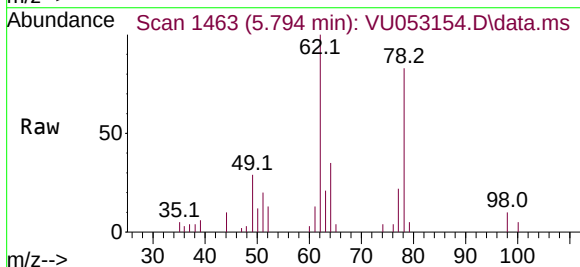
Acq: 27 Feb 2023 15:46

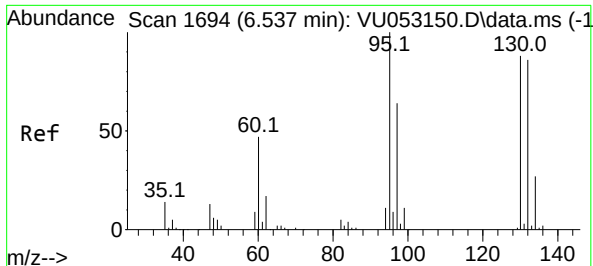
Tgt Ion: 62 Resp: 15175

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.4

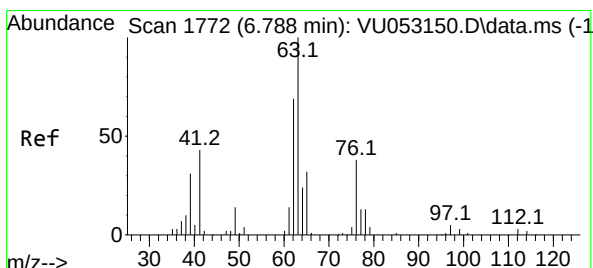
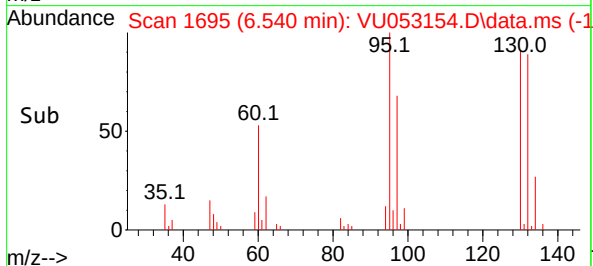
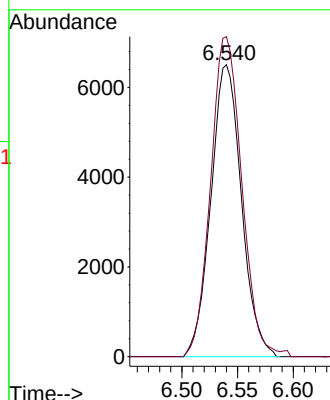
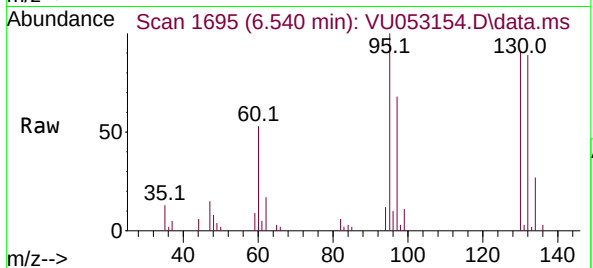




#37
Trichloroethene
Concen: 2.014 ug/l
RT: 6.540 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

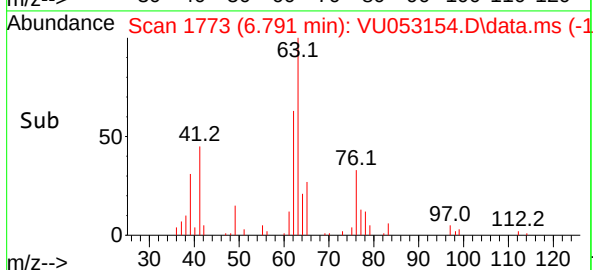
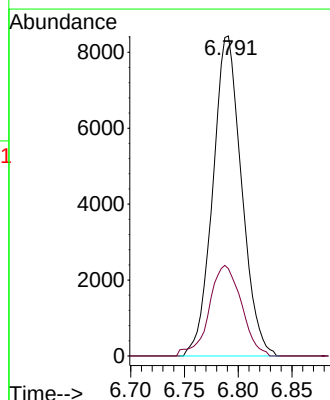
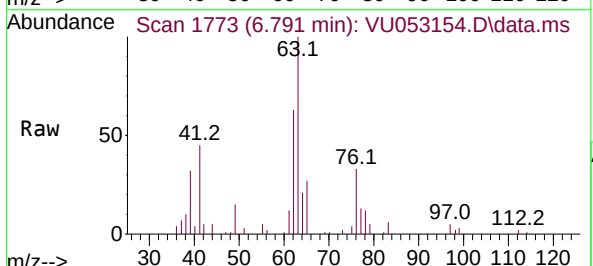
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

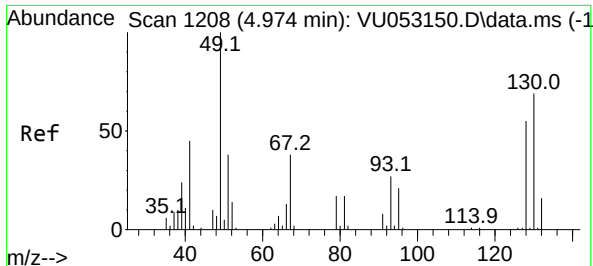
Tgt Ion:130 Resp: 12421
Ion Ratio Lower Upper
130 100
95 109.6 91.1 136.7



#38
1,2-Dichloropropane
Concen: 2.018 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 63 Resp: 15688
Ion Ratio Lower Upper
63 100
65 27.3 25.5 38.3





#39

Methacrylonitrile

Concen: 1.822 ug/l

RT: 4.977 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU053154.D

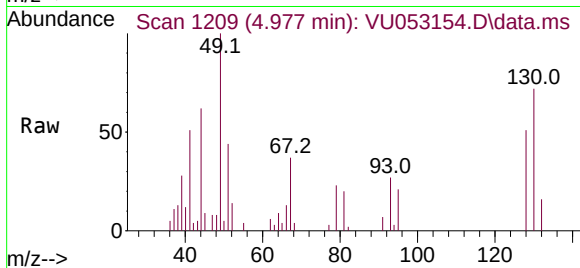
Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01



Tgt Ion: 41 Resp: 4640

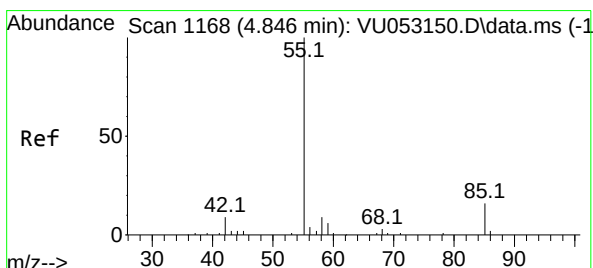
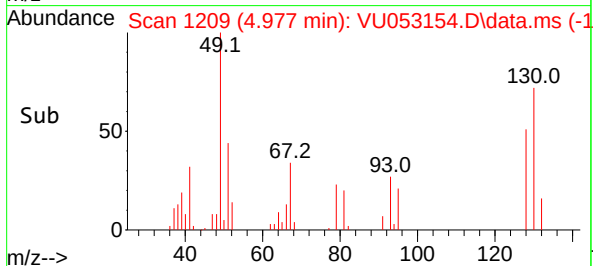
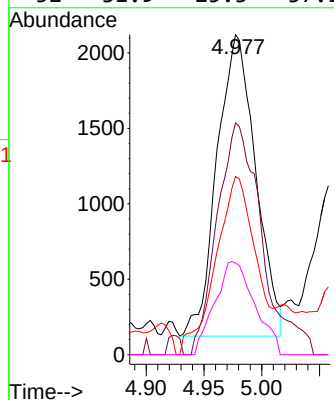
Ion Ratio Lower Upper

41 100

67 89.0 67.1 100.7

39 61.2 42.6 64.0

52 31.9 25.3 37.9



#40

Methyl acrylate

Concen: 1.623 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Tgt Ion: 55 Resp: 6389

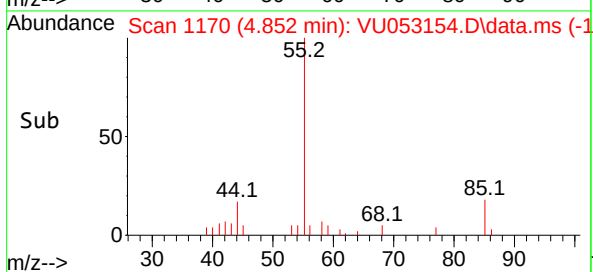
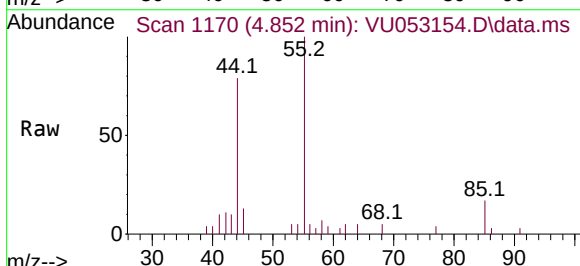
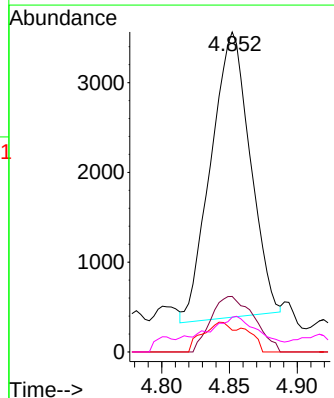
Ion Ratio Lower Upper

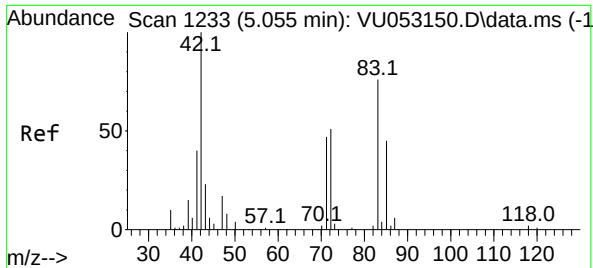
55 100

85 21.5 13.5 20.3#

58 8.2 7.3 10.9

42 16.6 6.9 10.3#





#41

Tetrahydrofuran

Concen: 4.353 ug/l

RT: 5.064 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

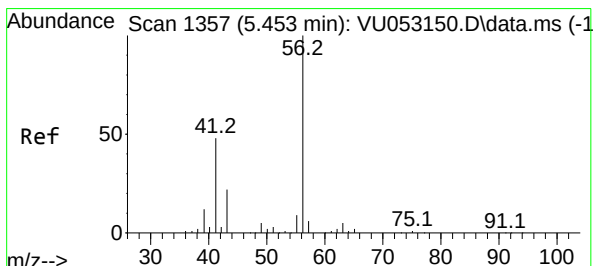
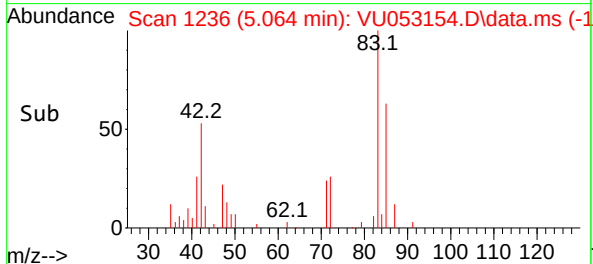
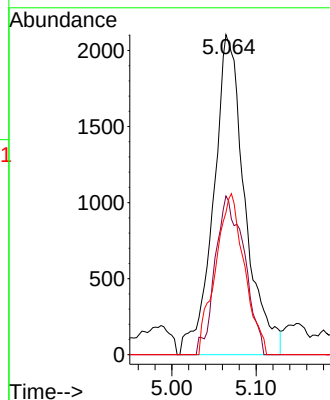
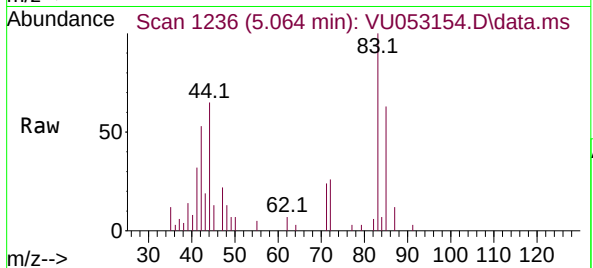
Tgt Ion: 42 Resp: 5434

Ion Ratio Lower Upper

42 100

72 46.1 41.6 62.4

71 46.3 37.9 56.9



#42

1-Chlorobutane

Concen: 1.961 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU053154.D

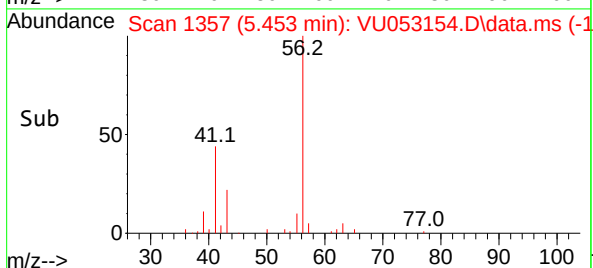
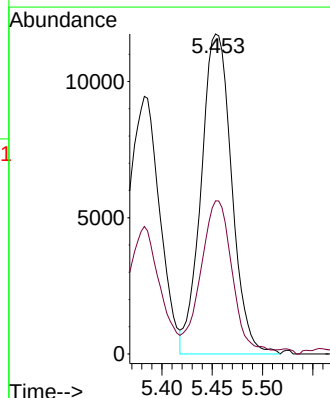
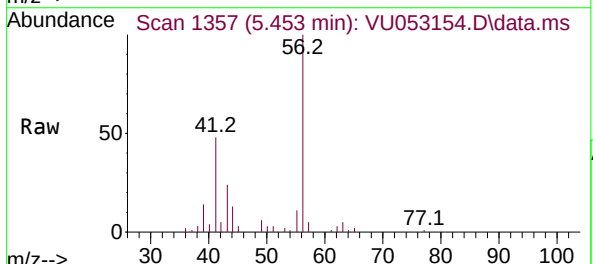
Acq: 27 Feb 2023 15:46

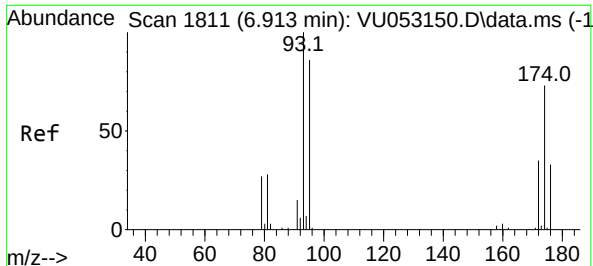
Tgt Ion: 56 Resp: 24858

Ion Ratio Lower Upper

56 100

41 46.1 23.7 71.1





#43

Dibromomethane

Concen: 1.816 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

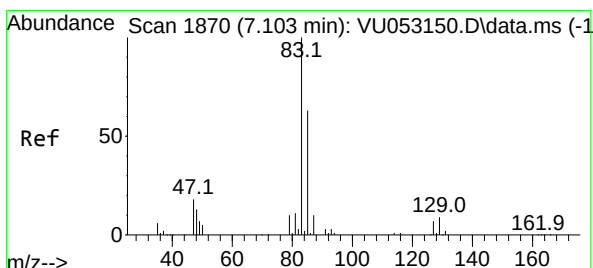
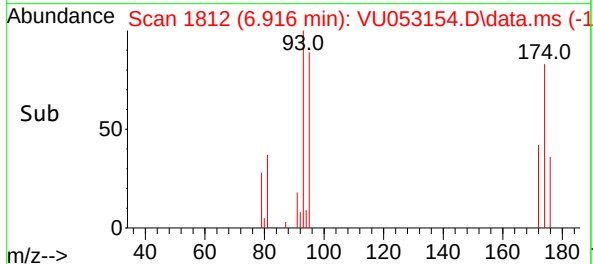
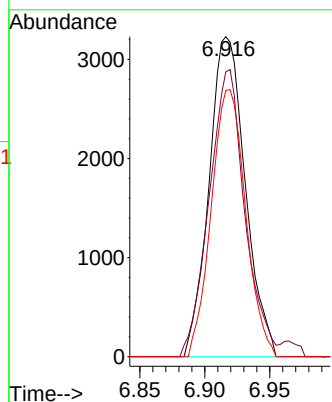
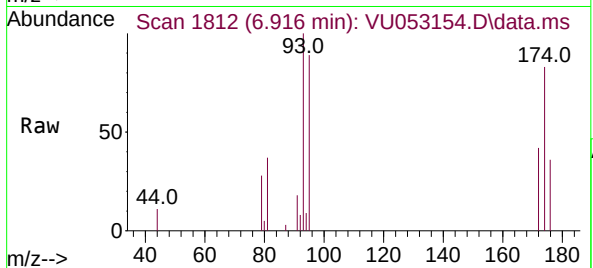
Tgt Ion: 93 Resp: 6256

Ion Ratio Lower Upper

93 100

95 88.9 66.5 99.7

174 78.9 58.2 87.4



#44

Bromodichloromethane

Concen: 1.936 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

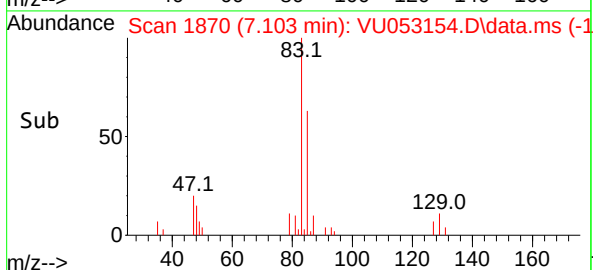
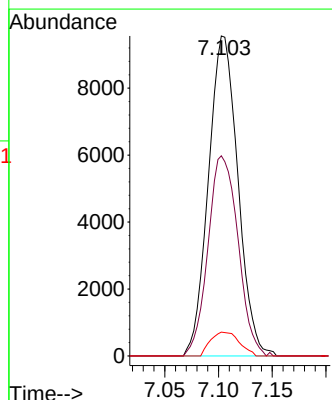
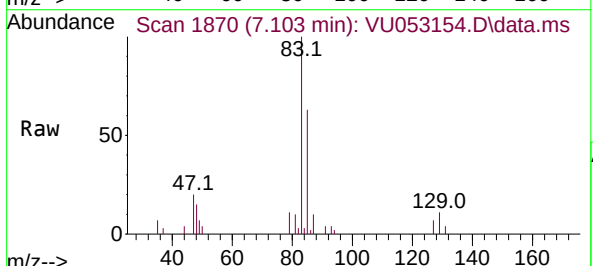
Tgt Ion: 83 Resp: 18246

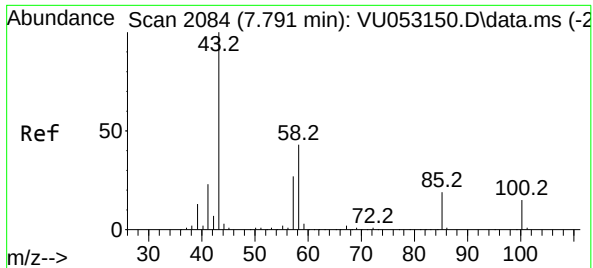
Ion Ratio Lower Upper

83 100

85 62.5 50.6 75.8

127 7.4 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 9.812 ug/l

RT: 7.794 min Scan# 2084

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

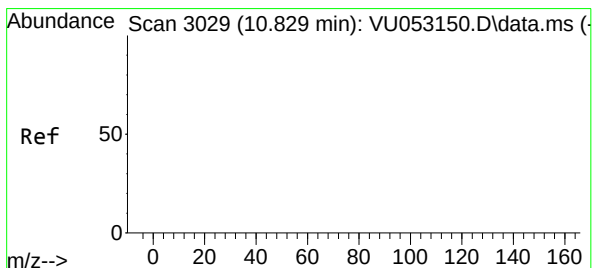
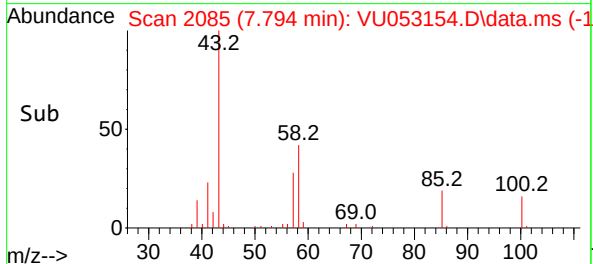
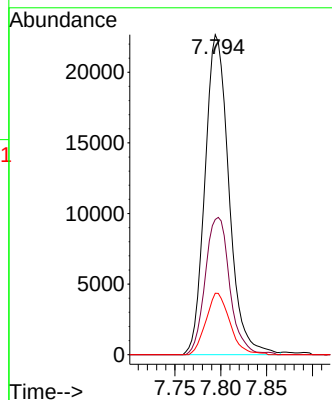
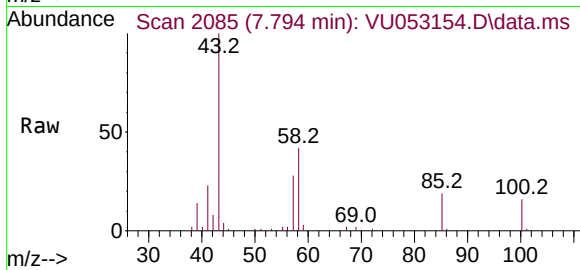
Tgt Ion: 43 Resp: 41271

Ion Ratio Lower Upper

43 100

58 43.6 22.0 66.0

85 19.2 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 8.005 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.006 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Tgt Ion: 75 Resp: 16966

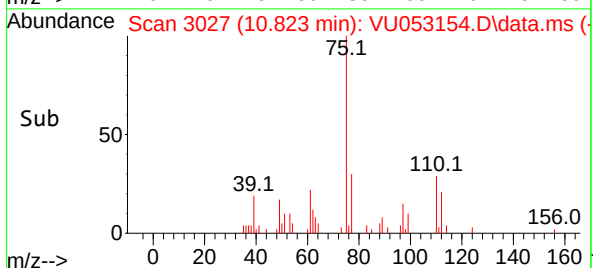
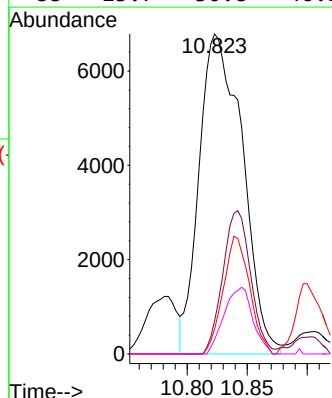
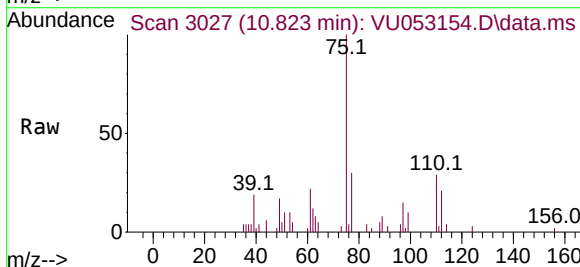
Ion Ratio Lower Upper

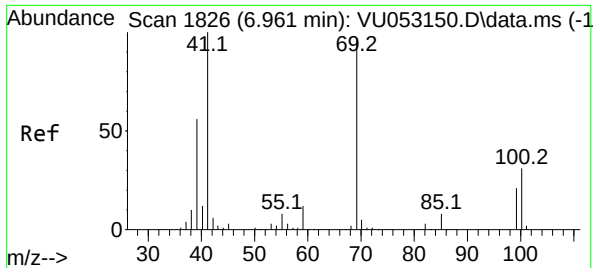
75 100

53 29.0 57.0 85.4#

89 22.5 43.1 64.7#

88 13.7 30.8 46.2#

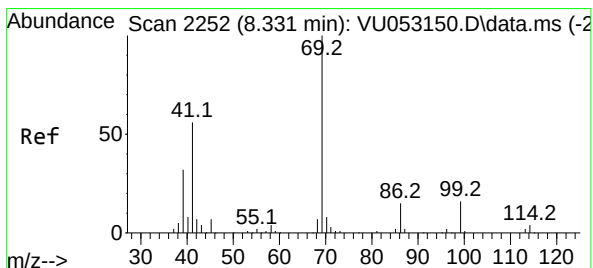
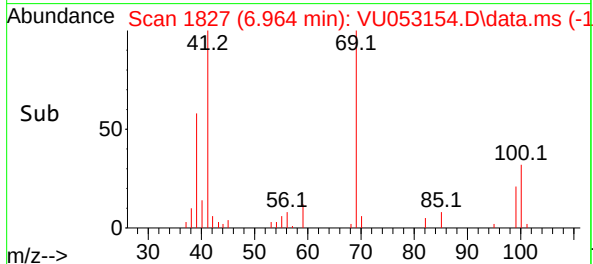
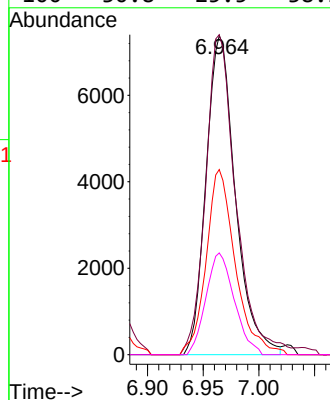
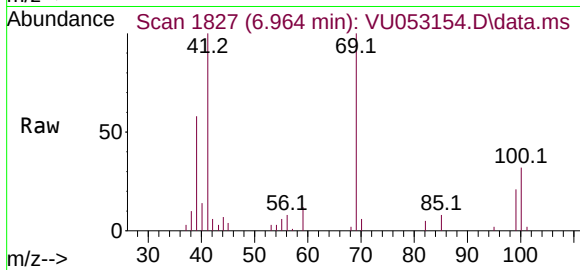




#47
Methyl methacrylate
Concen: 3.814 ug/l
RT: 6.964 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

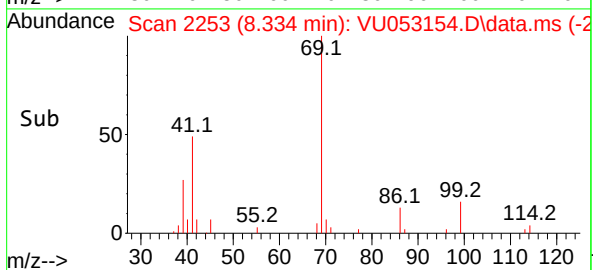
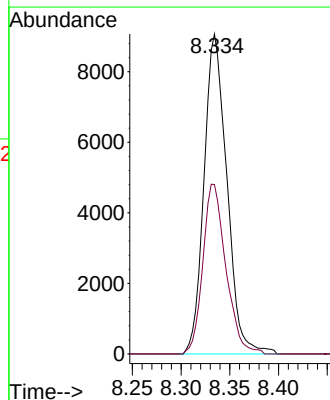
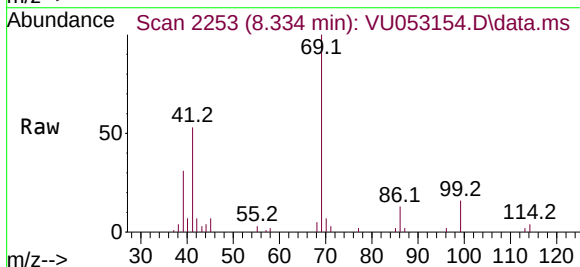
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

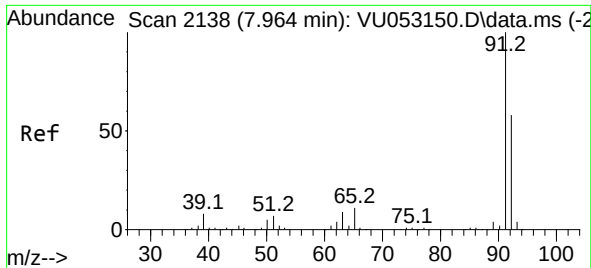
Tgt Ion:	69	Resp:	13525
Ion	Ratio	Lower	Upper
69	100		
41	103.4	0.0	201.0
39	57.7	47.1	70.7
100	30.8	25.5	38.3



#48
Ethyl methacrylate
Concen: 2.035 ug/l
RT: 8.334 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:	69	Resp:	14806
Ion	Ratio	Lower	Upper
69	100		
41	53.4	28.2	84.6





#49

Toluene

Concen: 1.963 ug/l

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

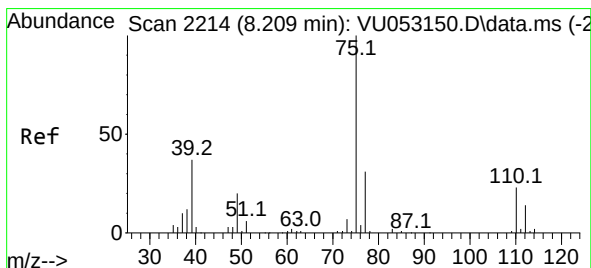
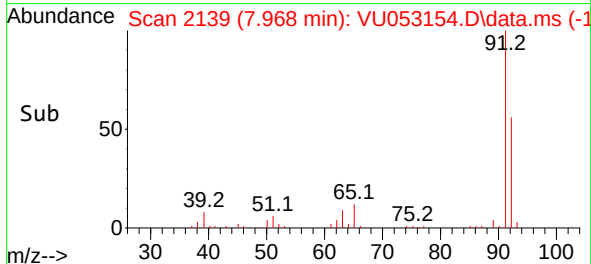
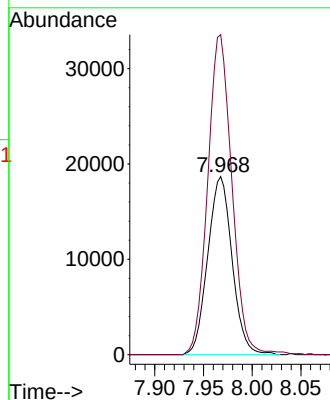
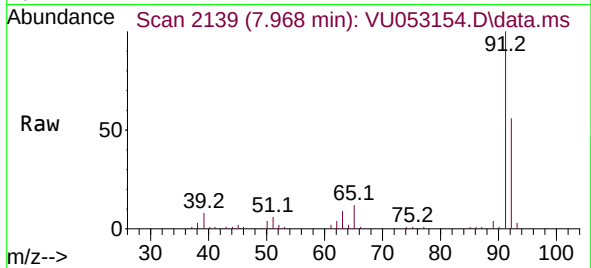
VU0227WBS01

Tgt Ion: 92 Resp: 32484

Ion Ratio Lower Upper

92 100

91 178.6 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 2.040 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053154.D

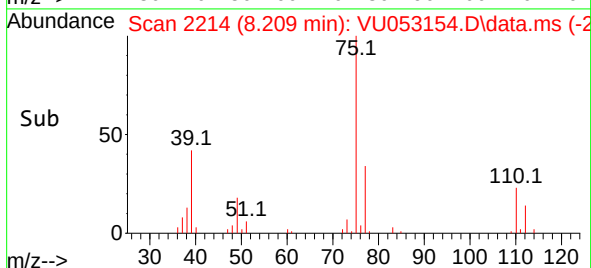
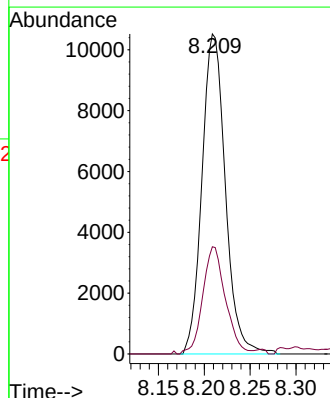
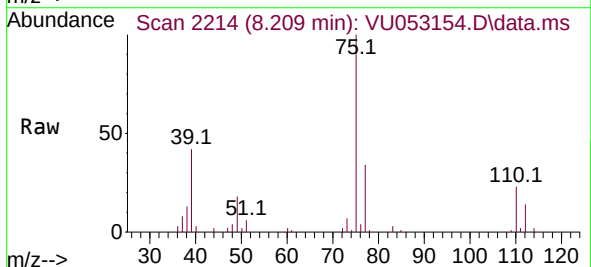
Acq: 27 Feb 2023 15:46

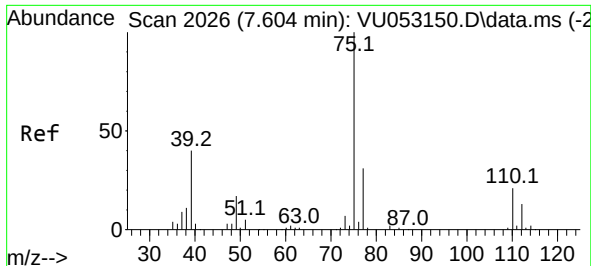
Tgt Ion: 75 Resp: 18676

Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

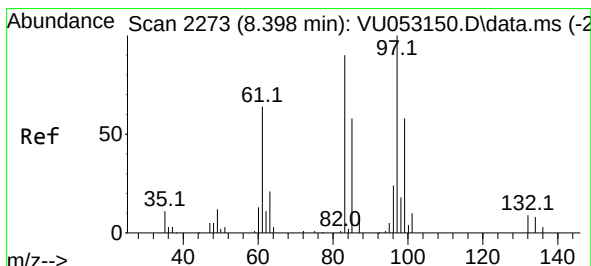
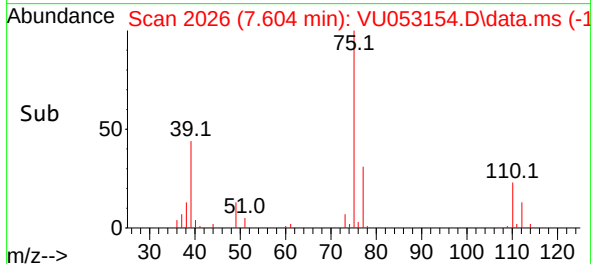
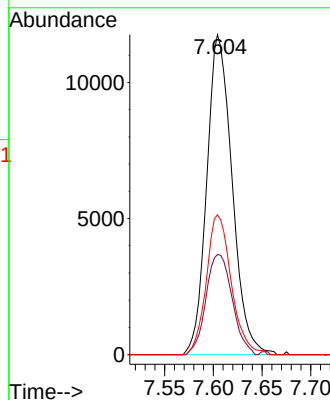
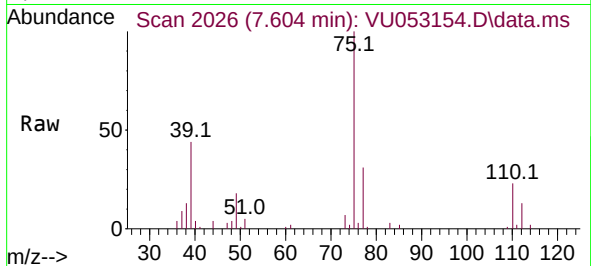




#51
 cis-1,3-Dichloropropene
 Concen: 1.920 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

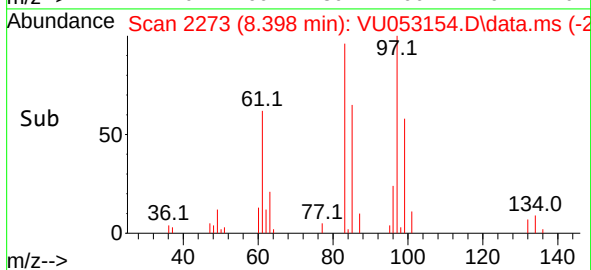
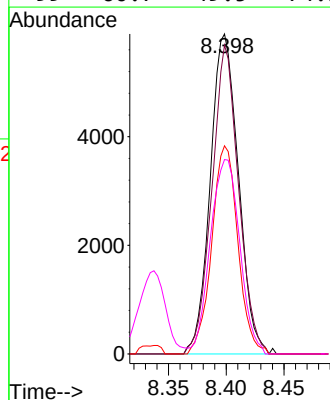
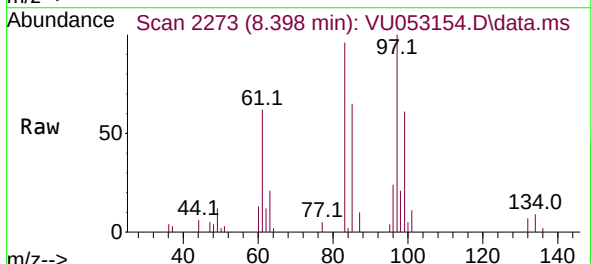
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBS01

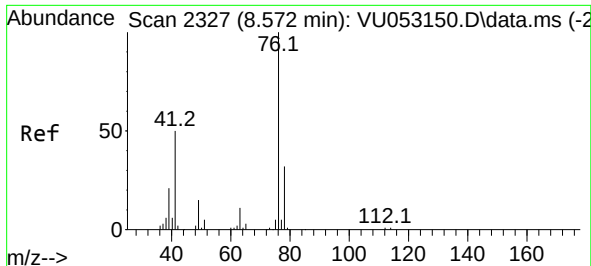
Tgt Ion: 75 Resp: 21303
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3
 39 43.7 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 1.973 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

Tgt Ion: 97 Resp: 9986
 Ion Ratio Lower Upper
 97 100
 83 96.5 71.9 107.9
 85 65.0 46.5 69.7
 99 60.7 49.5 74.3





#53

1,3-Dichloropropane

Concen: 2.064 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

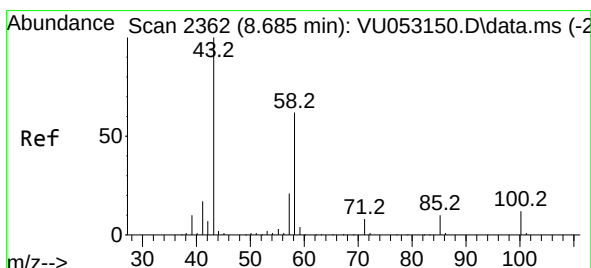
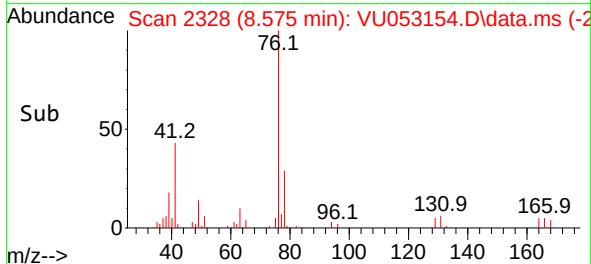
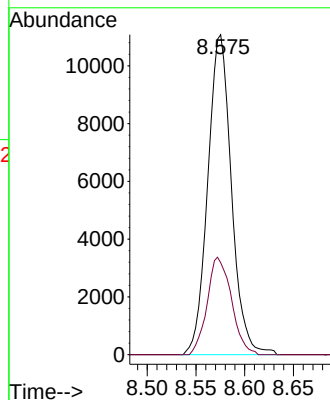
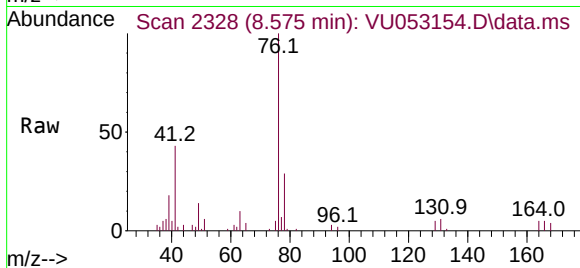
VU0227WBS01

Tgt Ion: 76 Resp: 18721

Ion Ratio Lower Upper

76 100

78 31.2 25.9 38.9



#54

2-Hexanone

Concen: 9.361 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

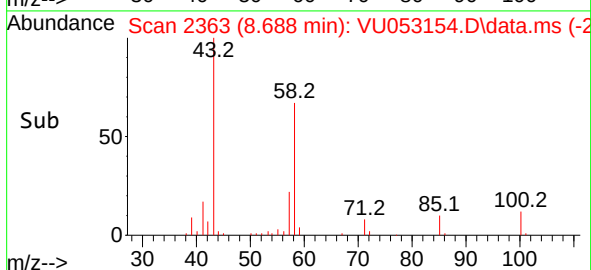
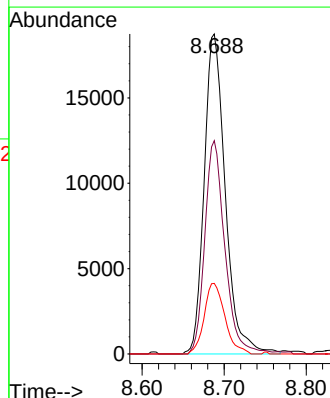
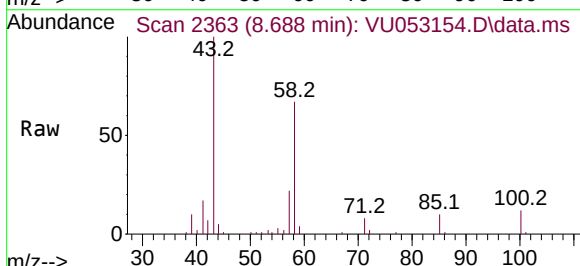
Tgt Ion: 43 Resp: 33549

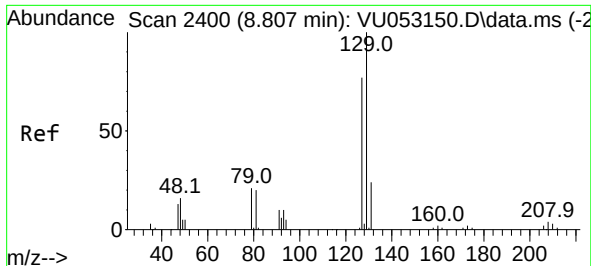
Ion Ratio Lower Upper

43 100

58 63.2 42.0 82.0

57 21.6 1.2 41.2

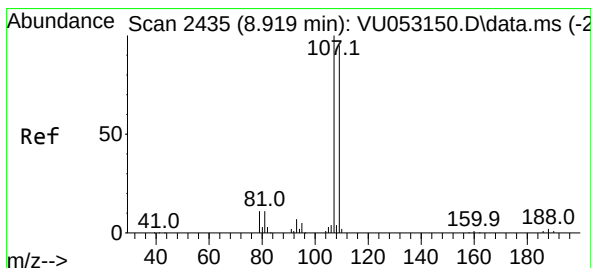
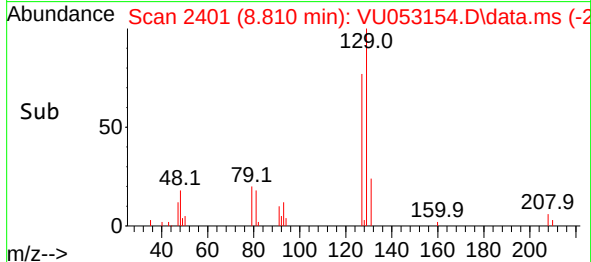
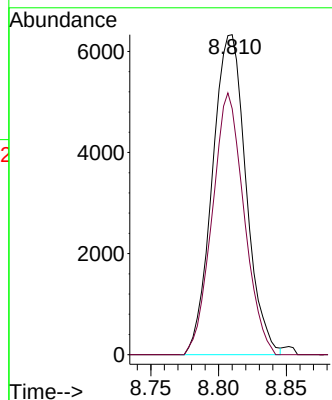
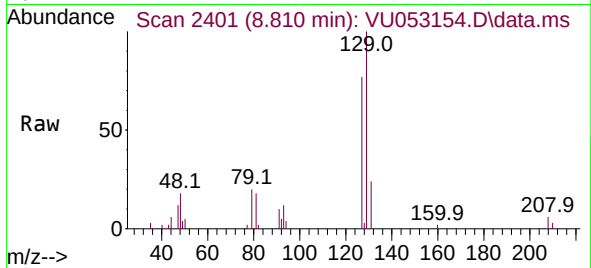




#55
Dibromochloromethane
Concen: 1.897 ug/l
RT: 8.810 min Scan# 2400
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

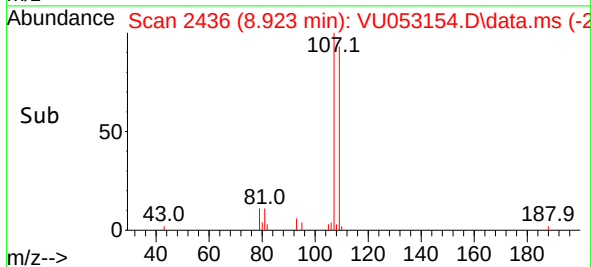
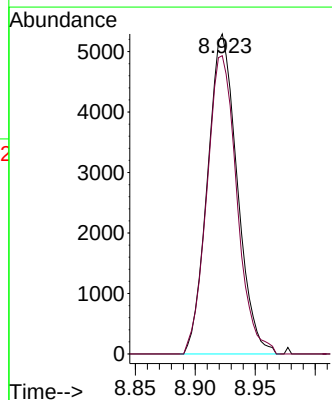
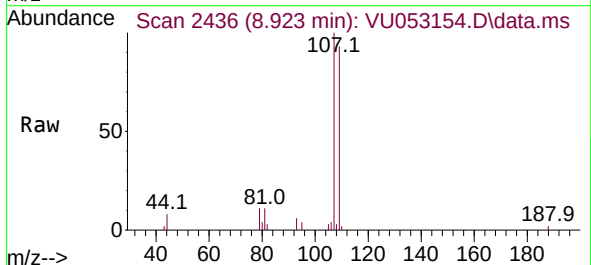
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

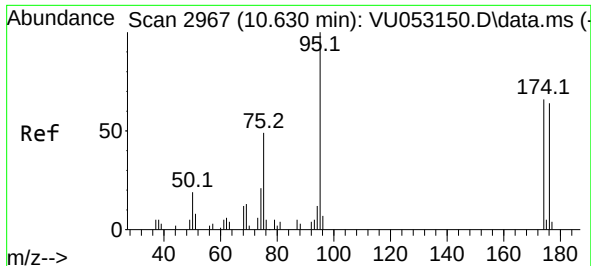
Tgt Ion:129 Resp: 10953
Ion Ratio Lower Upper
129 100
127 77.0 61.1 91.7



#56
1,2-Dibromoethane
Concen: 2.029 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:107 Resp: 9120
Ion Ratio Lower Upper
107 100
109 94.1 0.0 186.2





#57

4-Bromofluorobenzene

Concen: 1.020 ug/l

RT: 10.630 min Scan# 2967

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

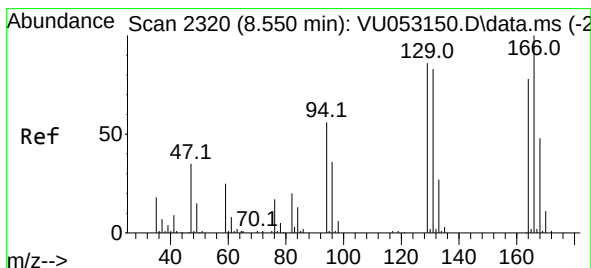
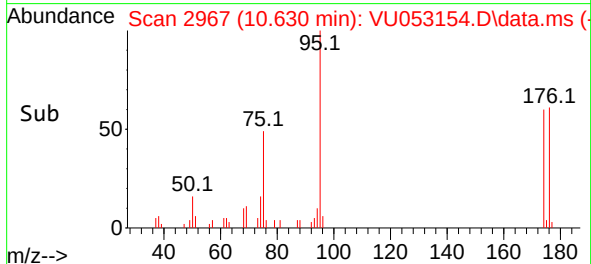
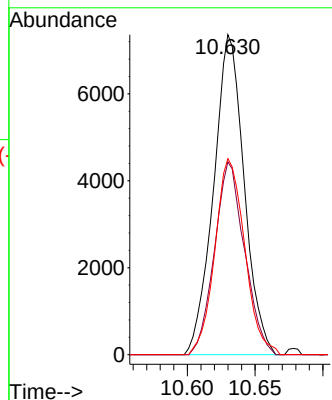
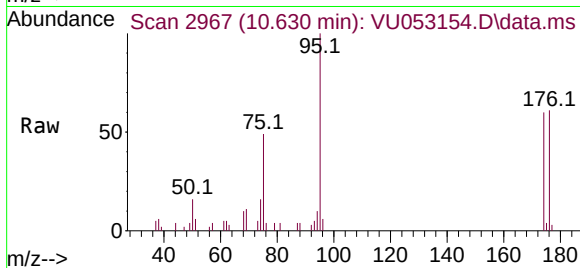
Tgt Ion: 95 Resp: 11549

Ion Ratio Lower Upper

95 100

174 59.2 50.7 76.1

176 59.7 47.8 71.6



#58

Tetrachloroethene

Concen: 2.041 ug/l

RT: 8.550 min Scan# 2320

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Tgt Ion: 164 Resp: 10039

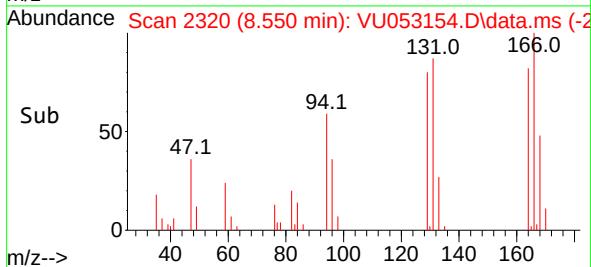
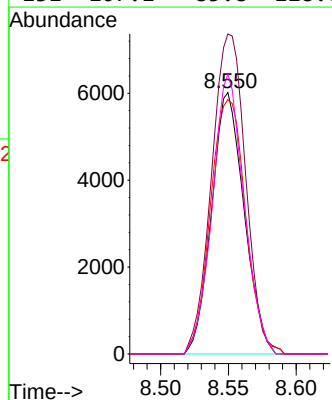
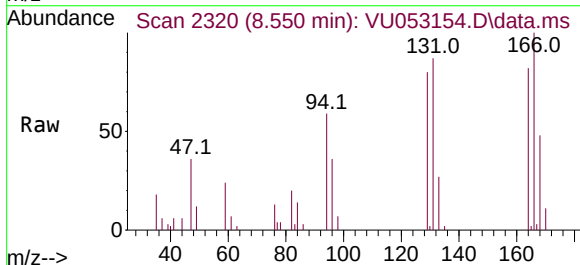
Ion Ratio Lower Upper

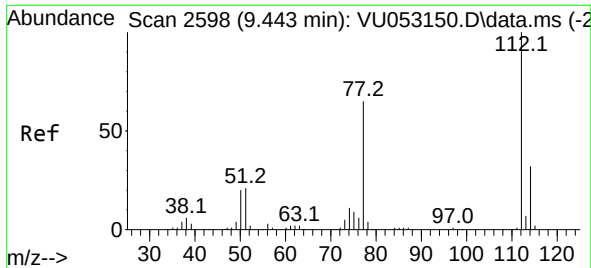
164 100

166 122.4 103.2 154.8

129 97.3 88.8 133.2

131 107.1 85.8 128.6

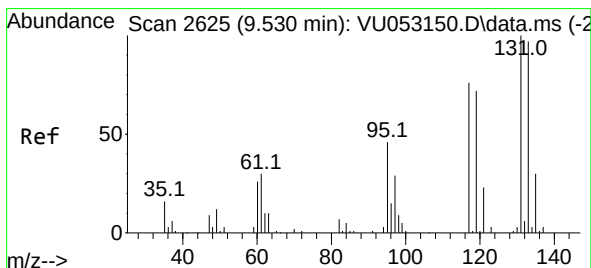
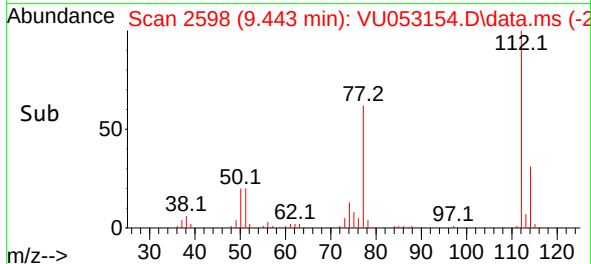
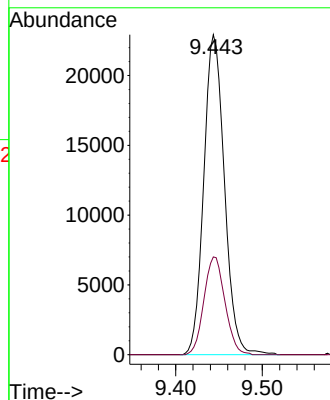
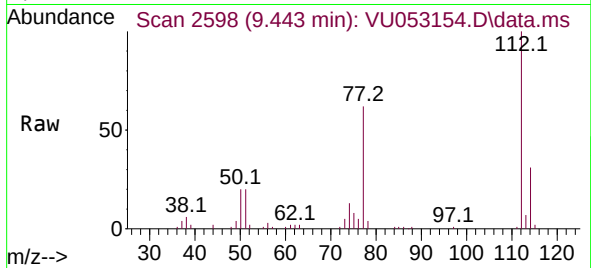




#59
Chlorobenzene
Concen: 2.053 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

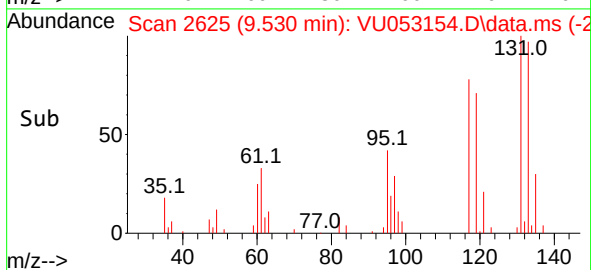
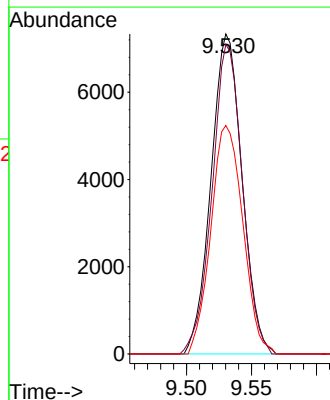
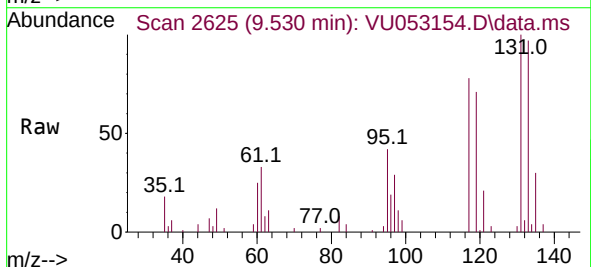
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

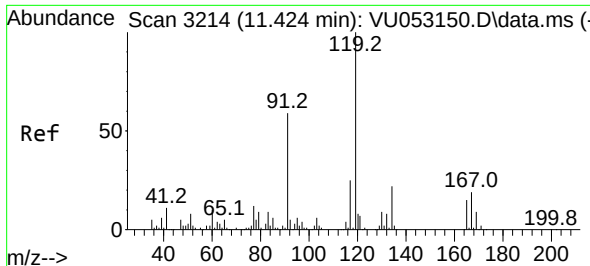
Tgt Ion:112 Resp: 37990
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 1.991 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:131 Resp: 12175
Ion Ratio Lower Upper
131 100
133 94.7 76.7 115.1
119 73.6 57.6 86.4

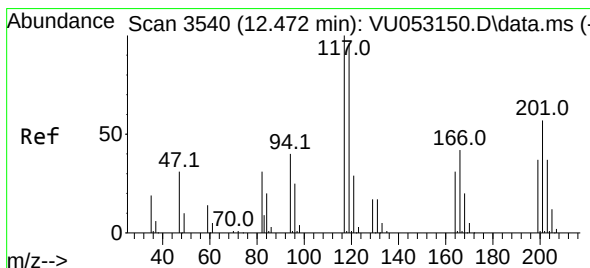
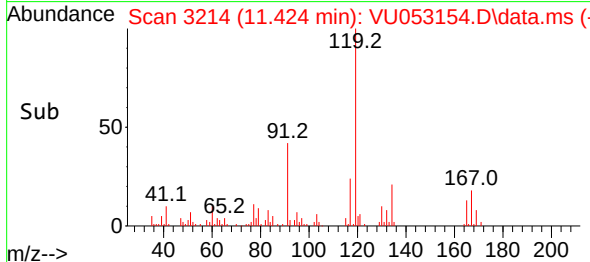
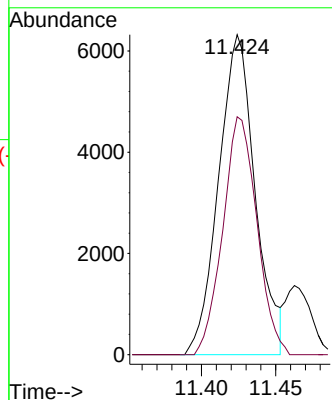
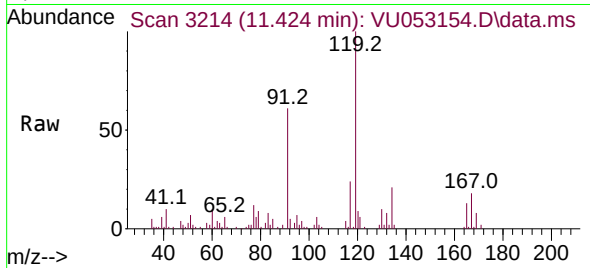




#61
 Pentachloroethane
 Concen: 2.036 ug/l
 RT: 11.424 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

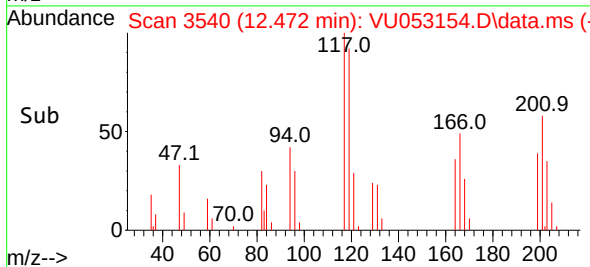
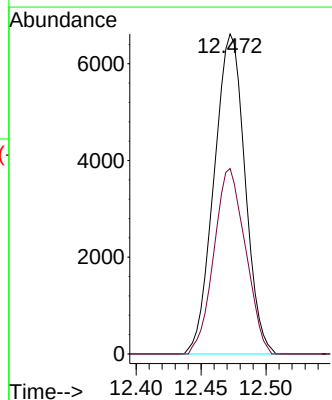
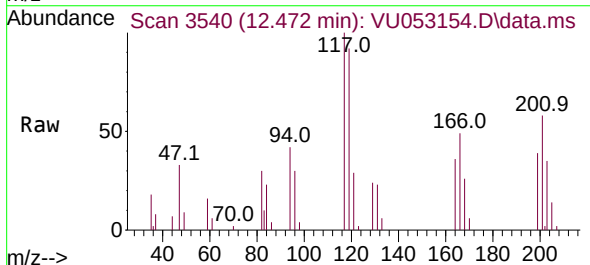
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBS01

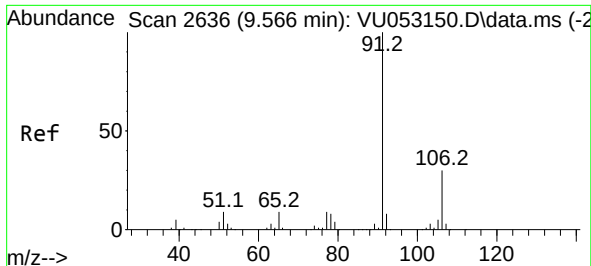
Tgt Ion:117 Resp: 10814
 Ion Ratio Lower Upper
 117 100
 167 69.4 57.5 86.3



#62
 Hexachloroethane
 Concen: 1.870 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

Tgt Ion:117 Resp: 10955
 Ion Ratio Lower Upper
 117 100
 201 59.0 46.7 70.1

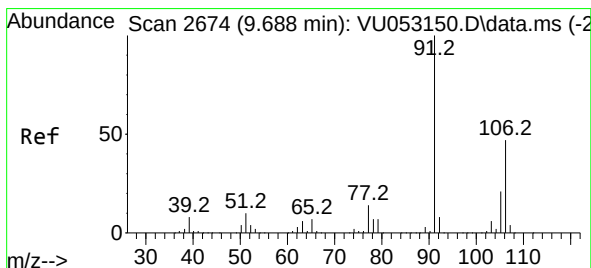
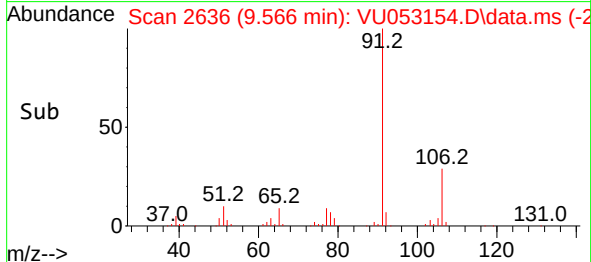
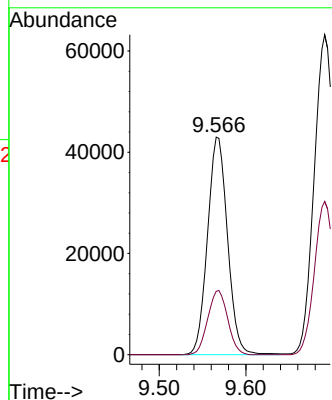
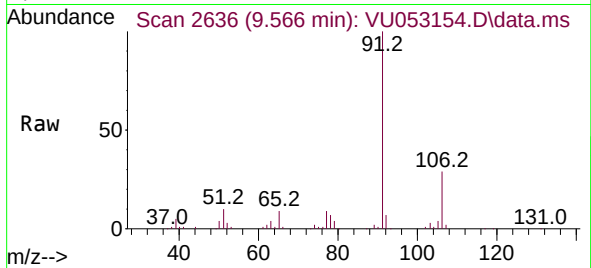




#63
Ethyl Benzene
Concen: 2.022 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

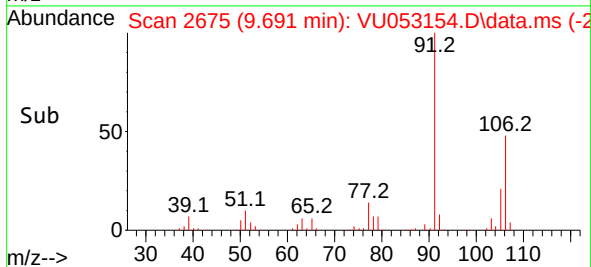
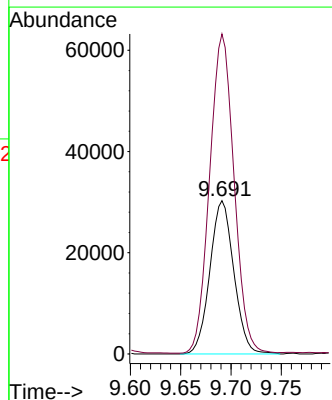
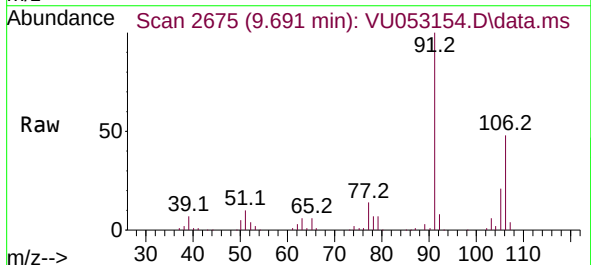
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

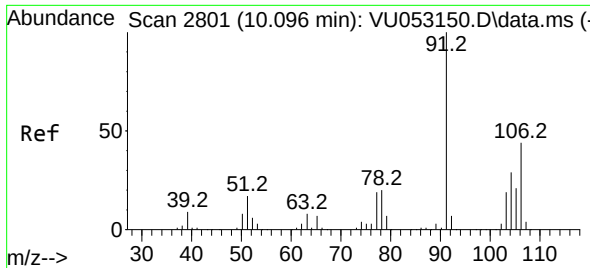
Tgt Ion: 91 Resp: 69069
Ion Ratio Lower Upper
91 100
106 29.1 24.0 36.0



#64
m/p-Xylenes
Concen: 4.050 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 106 Resp: 50176
Ion Ratio Lower Upper
106 100
91 211.7 170.7 256.1

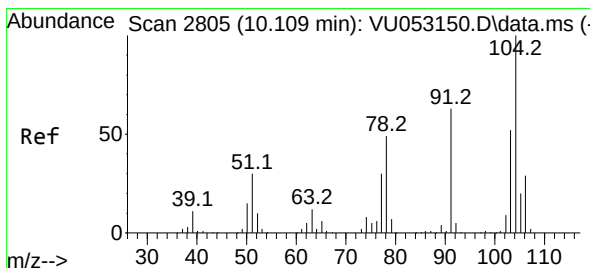
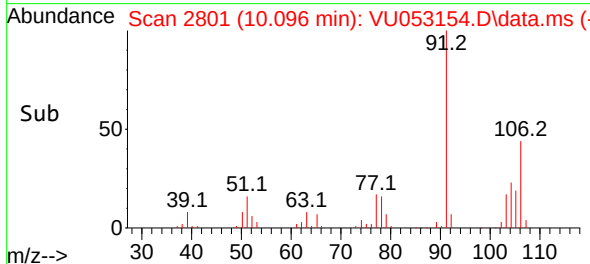
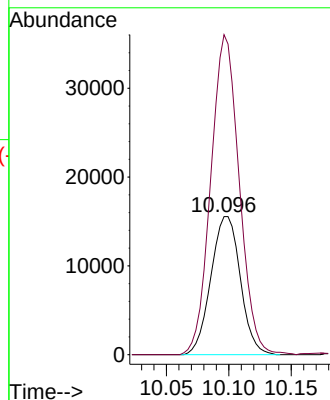
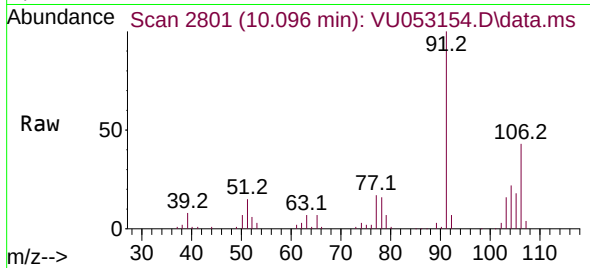




#65
o-Xylene
Concen: 2.022 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

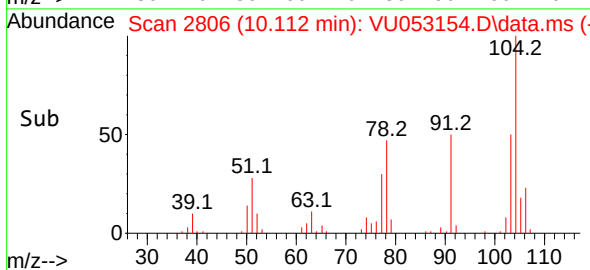
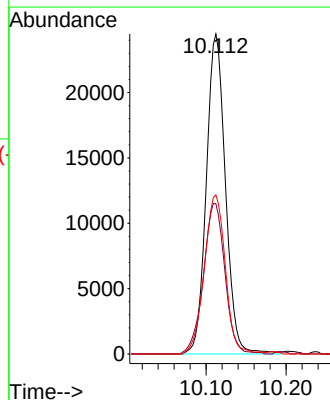
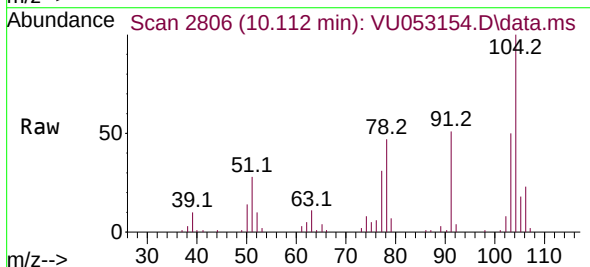
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

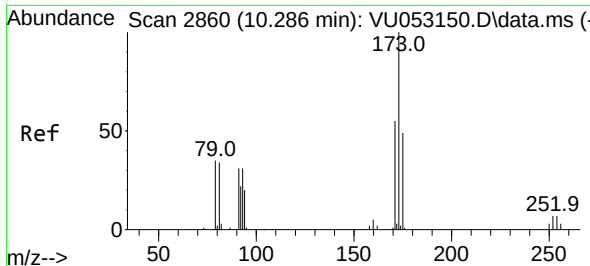
Tgt Ion:106 Resp: 25581
Ion Ratio Lower Upper
106 100
91 223.6 112.8 338.4



#66
Styrene
Concen: 2.033 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:104 Resp: 40774
Ion Ratio Lower Upper
104 100
78 52.6 43.3 64.9
103 54.8 45.2 67.8

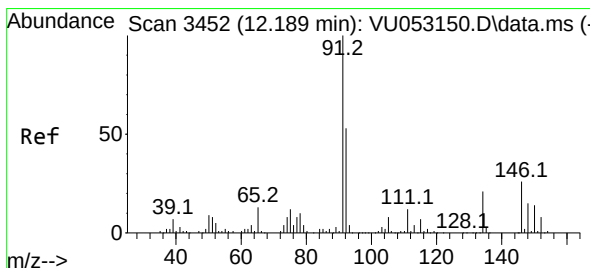
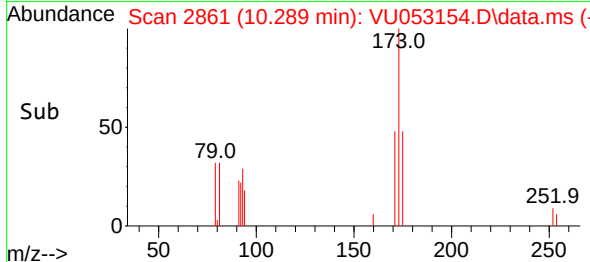
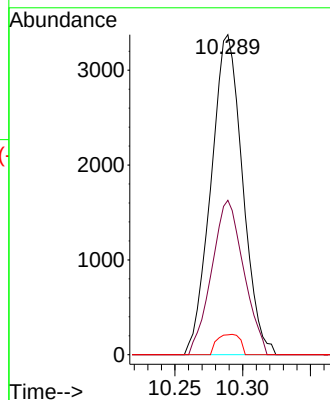
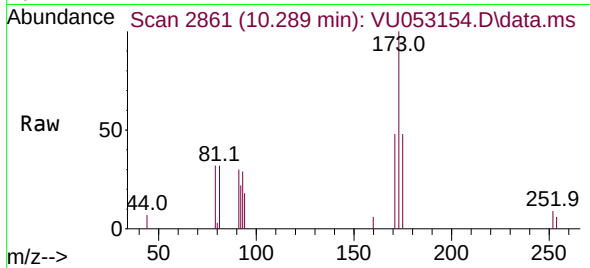




#67
Bromoform
Concen: 1.948 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

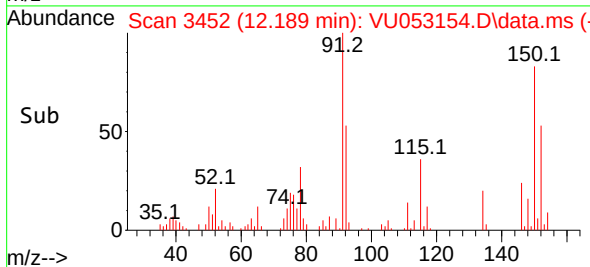
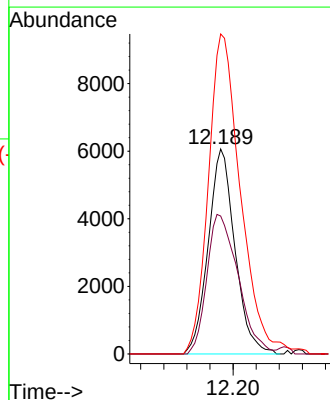
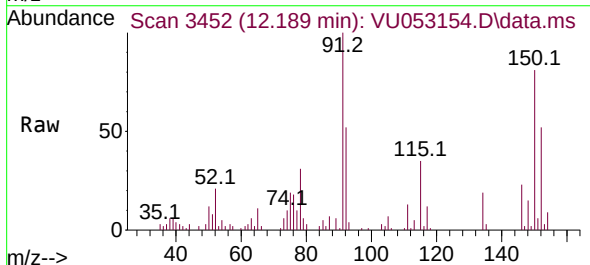
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

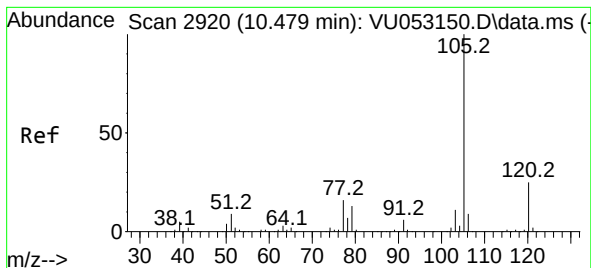
Tgt Ion:173 Resp: 5469
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 4.6 5.8 8.8#



#68
1,2-Dichlorobenzene-d4
Concen: 1.085 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:152 Resp: 9737
Ion Ratio Lower Upper
152 100
115 79.6 0.0 267.8
150 188.0 0.0 623.0





#69

Isopropylbenzene

Concen: 2.026 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

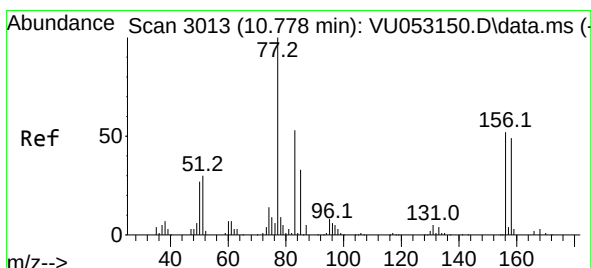
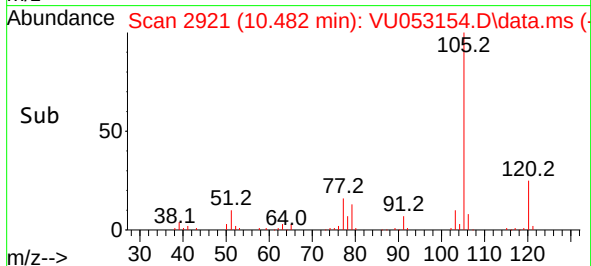
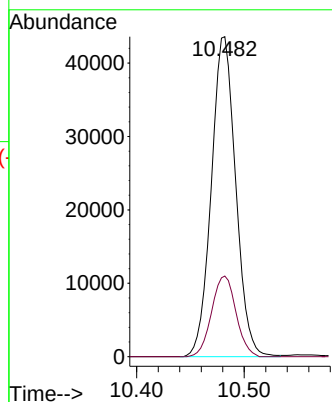
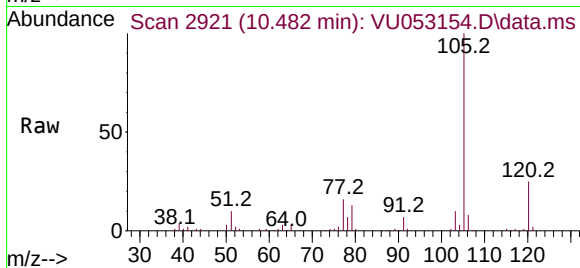
VU0227WBS01

Tgt Ion:105 Resp: 68668

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.002 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

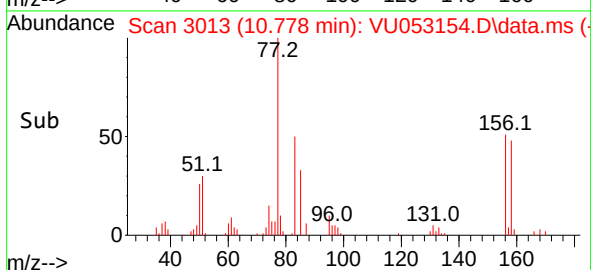
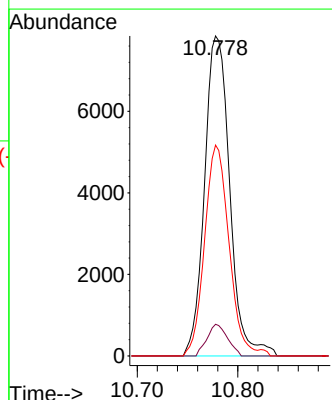
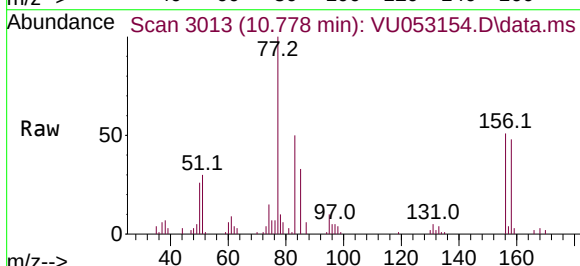
Tgt Ion: 83 Resp: 13651

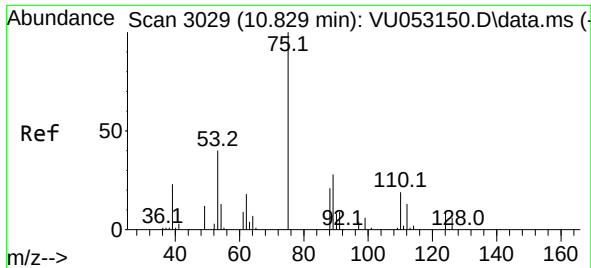
Ion Ratio Lower Upper

83 100

131 8.0 6.6 9.8

85 64.1 49.3 73.9

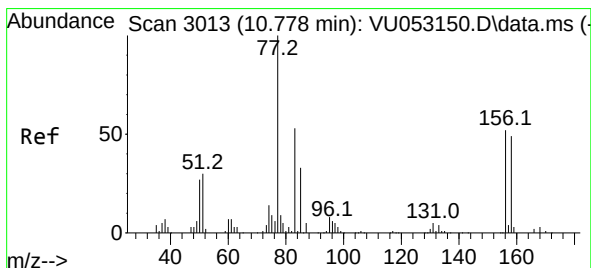
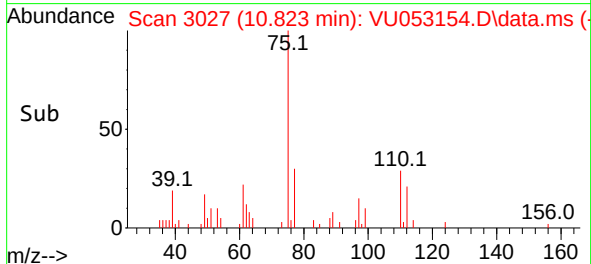
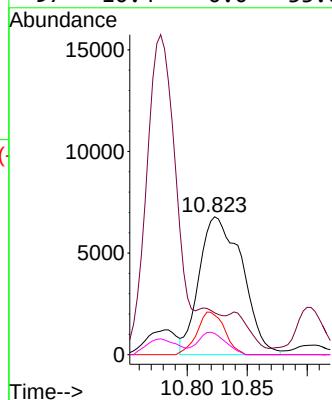
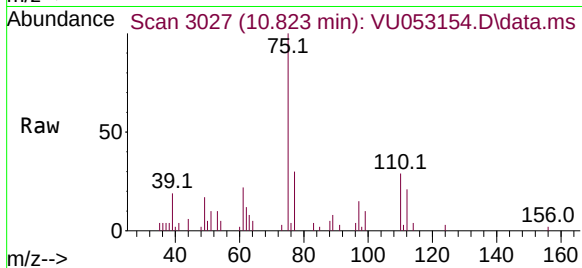




#71
1,2,3-Trichloropropane
Concen: 2.891 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.006 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

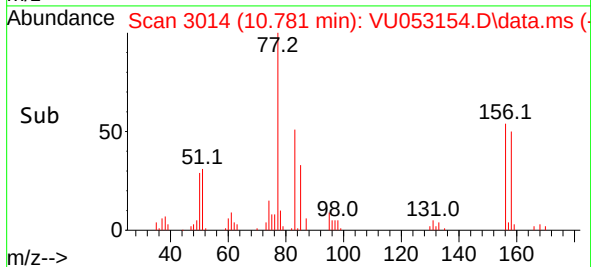
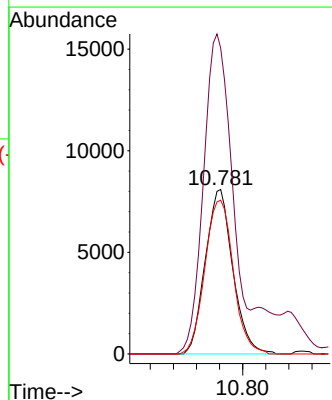
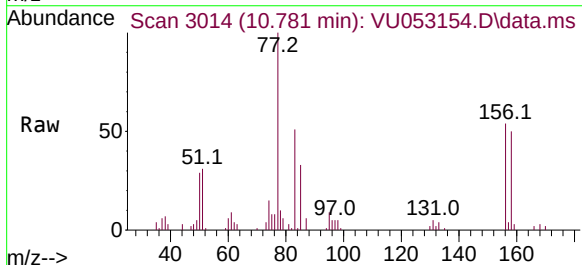
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

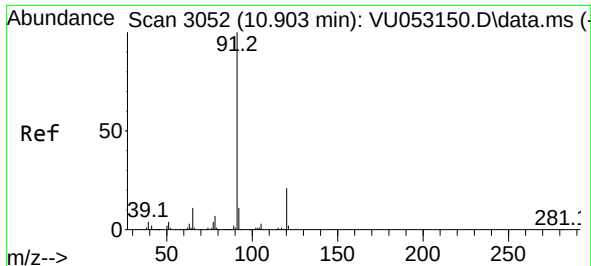
Tgt Ion: 75	Resp: 16966
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 98.2
110 19.7	0.0 57.0
97 10.4	0.0 33.6



#72
Bromobenzene
Concen: 2.036 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:156	Resp:	13389	
Ion	Ratio	Lower	Upper
156	100		
77	201.1	0.0	397.0
158	96.4	0.0	189.2

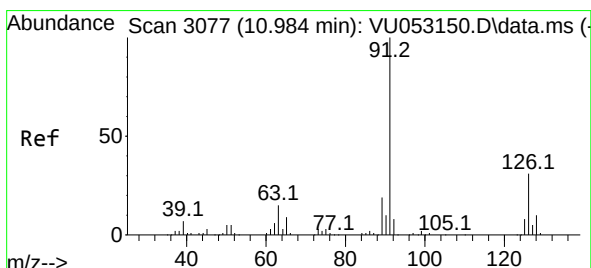
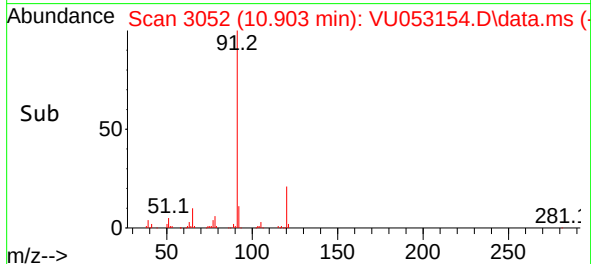
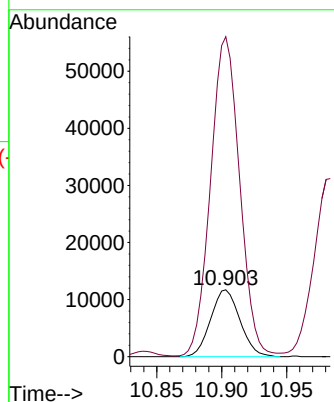
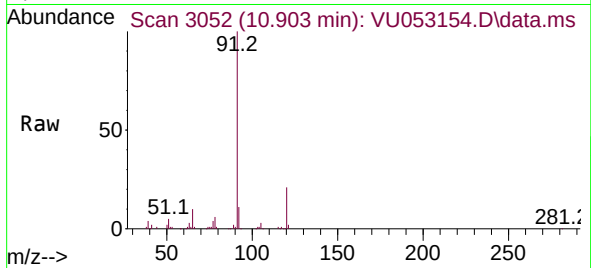




#73
n-propylbenzene
Concen: 2.043 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

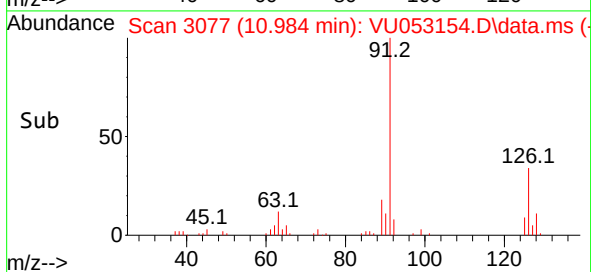
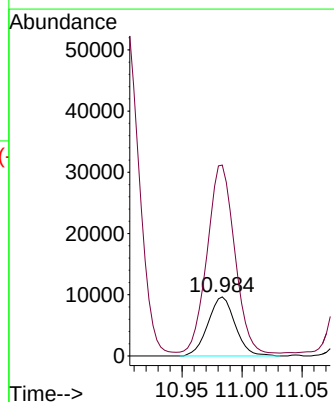
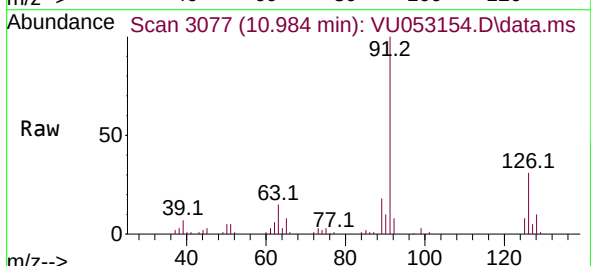
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

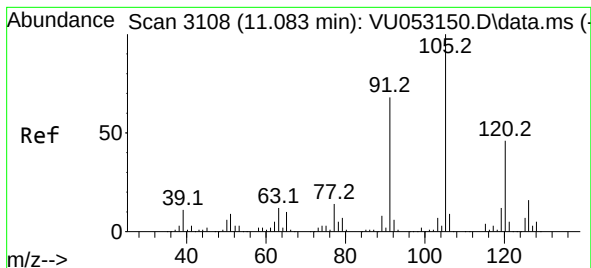
Tgt Ion:120 Resp: 18366
Ion Ratio Lower Upper
120 100
91 472.7 372.5 558.7



#74
2-Chlorotoluene
Concen: 2.037 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:126 Resp: 15166
Ion Ratio Lower Upper
126 100
91 323.8 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 1.978 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

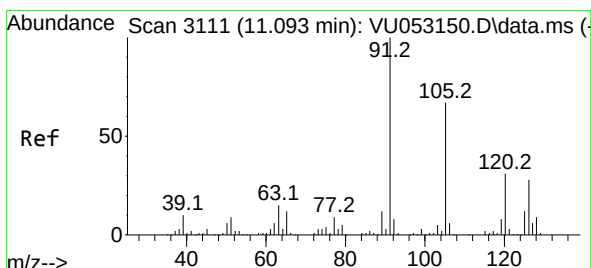
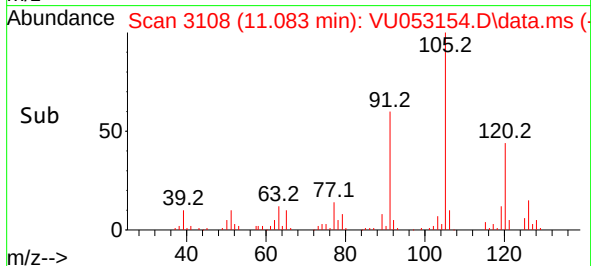
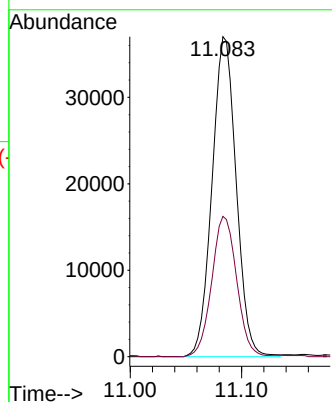
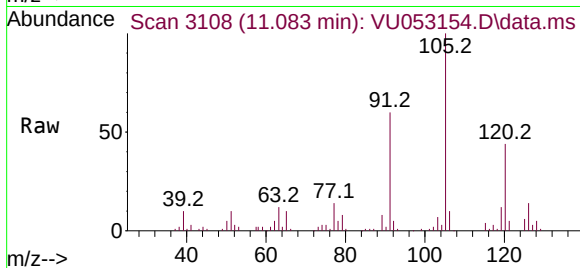
VU0227WBS01

Tgt Ion:105 Resp: 55773

Ion Ratio Lower Upper

105 100

120 45.2 36.5 54.7



#76

4-Chlorotoluene

Concen: 2.001 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053154.D

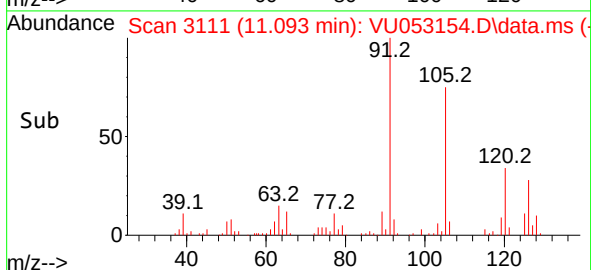
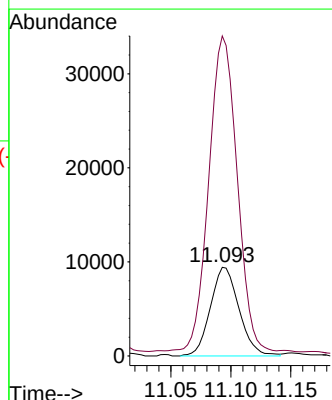
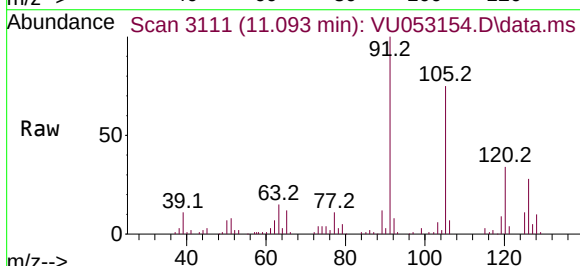
Acq: 27 Feb 2023 15:46

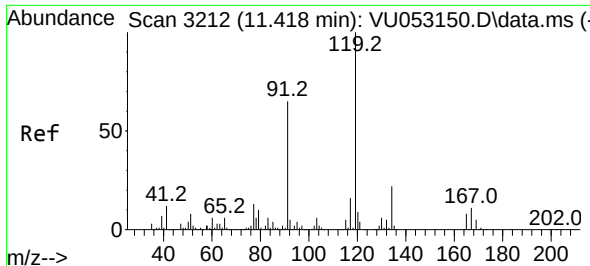
Tgt Ion:126 Resp: 15661

Ion Ratio Lower Upper

126 100

91 348.0 0.0 760.6

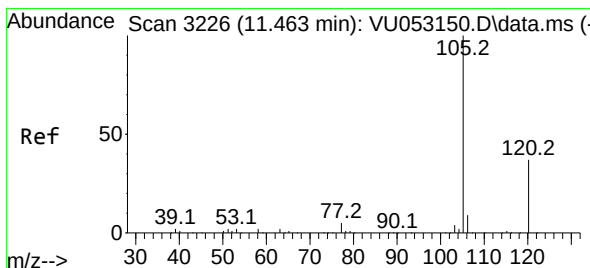
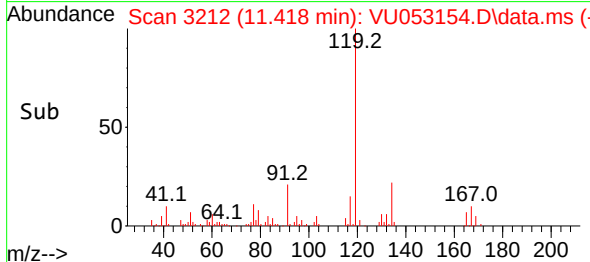
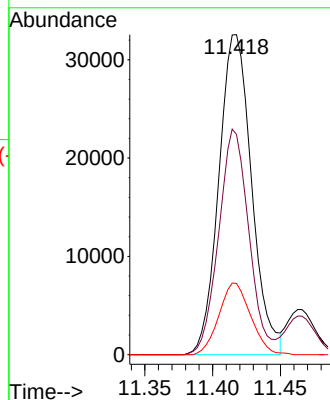
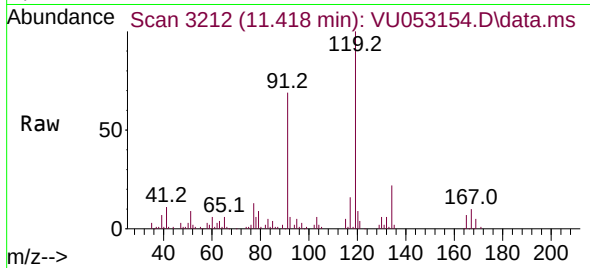




#77
tert-Butylbenzene
Concen: 1.984 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

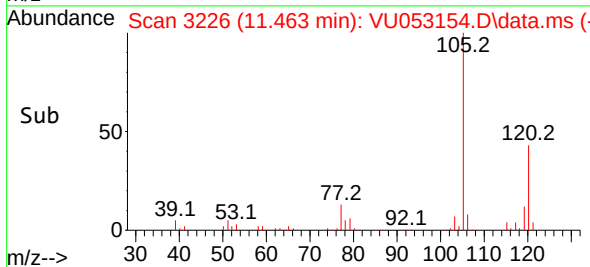
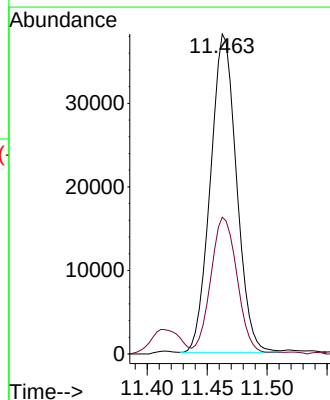
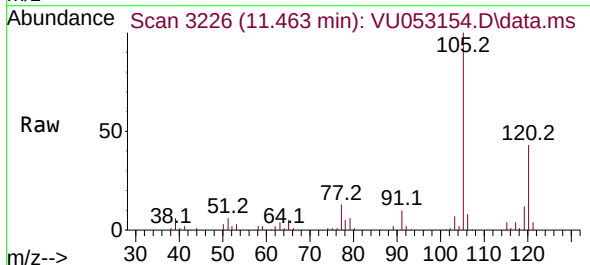
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

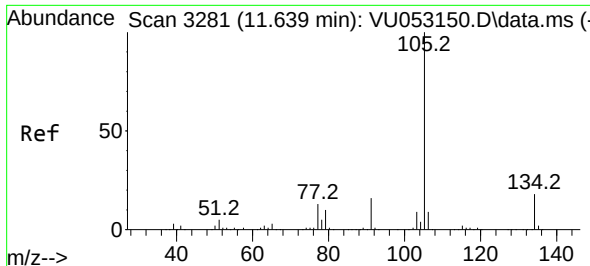
Tgt Ion:119 Resp: 54820
Ion Ratio Lower Upper
119 100
91 65.1 31.9 95.7
134 21.6 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 2.009 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:105 Resp: 57739
Ion Ratio Lower Upper
105 100
120 42.4 21.1 63.1

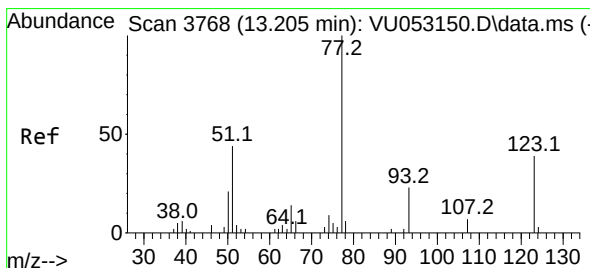
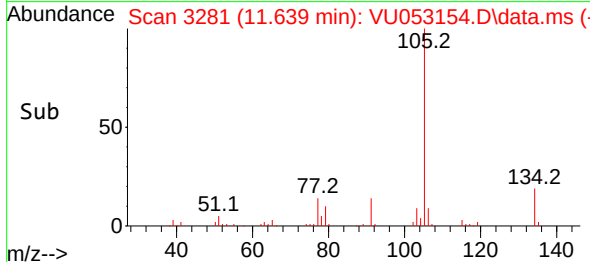
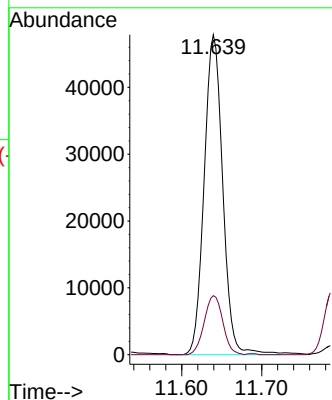
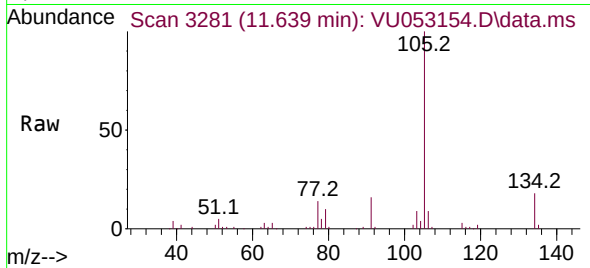




#79
 sec-Butylbenzene
 Concen: 2.017 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

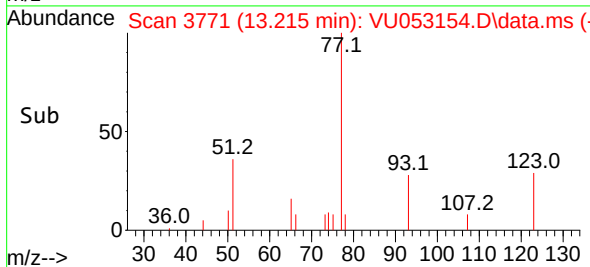
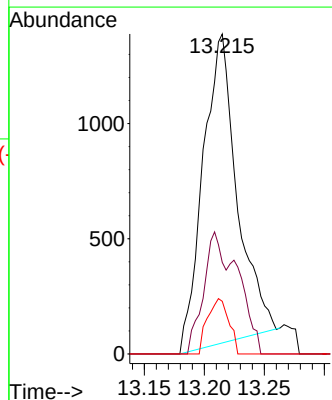
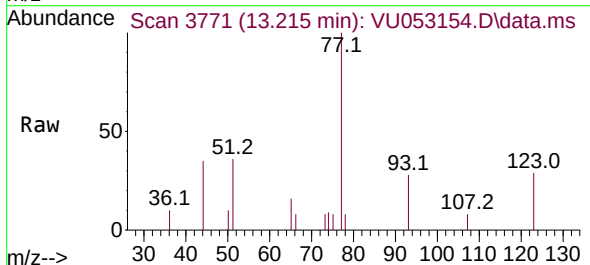
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBS01

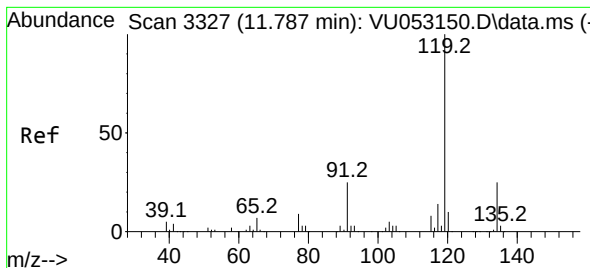
Tgt Ion:105 Resp: 77346
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6



#80
 Nitrobenzene
 Concen: 7.455 ug/l
 RT: 13.215 min Scan# 3771
 Delta R.T. 0.010 min
 Lab File: VU053154.D
 Acq: 27 Feb 2023 15:46

Tgt Ion: 77 Resp: 2657
 Ion Ratio Lower Upper
 77 100
 123 23.8 17.0 60.2
 65 11.1 12.9 16.5#





#81

p-Isopropyltoluene

Concen: 1.978 ug/l

RT: 11.791 min Scan# 3328

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

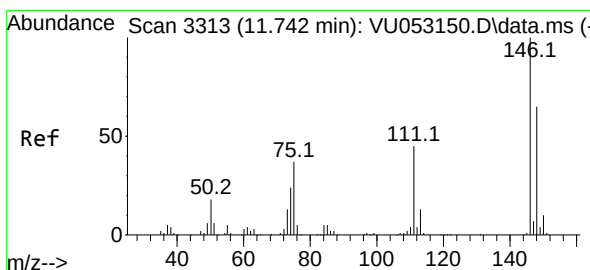
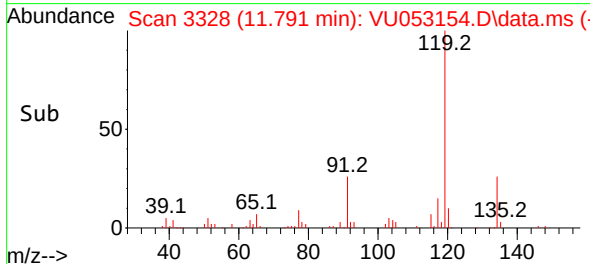
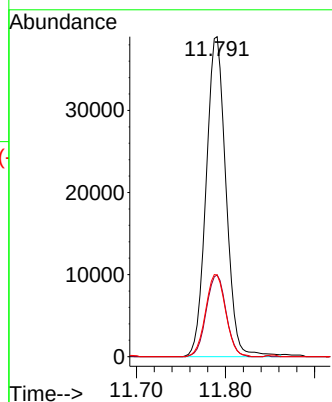
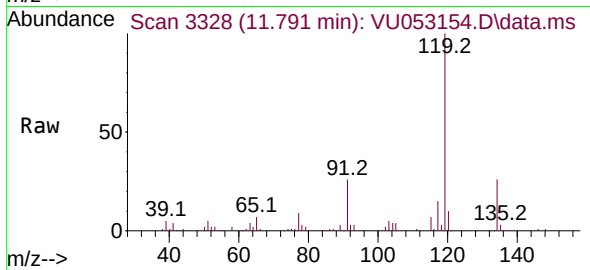
Tgt Ion:119 Resp: 60089

Ion Ratio Lower Upper

119 100

134 25.5 19.8 29.6

91 26.1 20.5 30.7



#82

1,3-Dichlorobenzene

Concen: 2.047 ug/l

RT: 11.742 min Scan# 3313

Delta R.T. -0.000 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

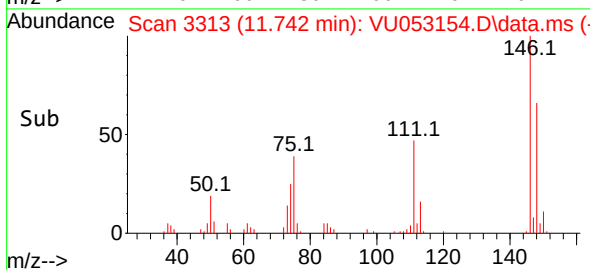
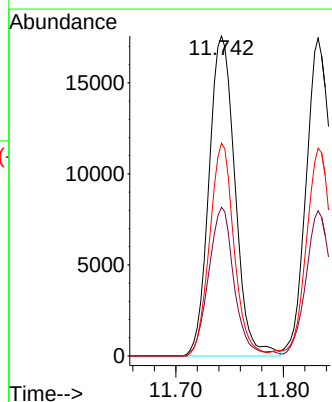
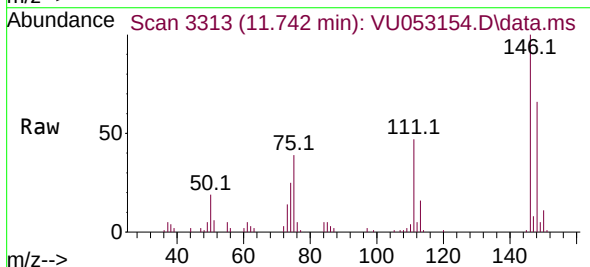
Tgt Ion:146 Resp: 29545

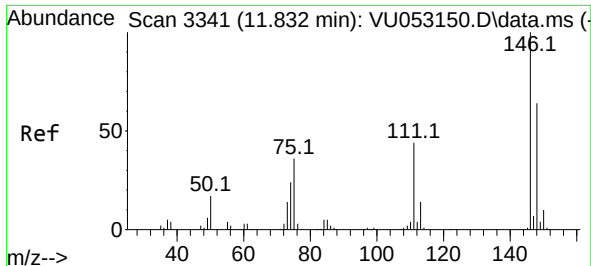
Ion Ratio Lower Upper

146 100

111 45.6 36.0 54.0

148 62.4 50.8 76.2

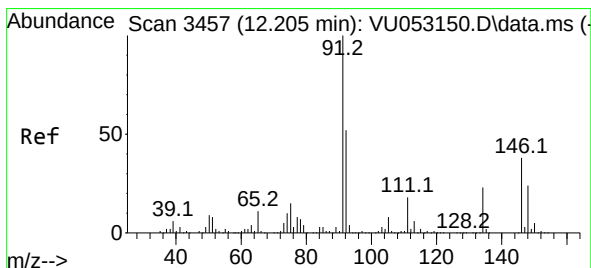
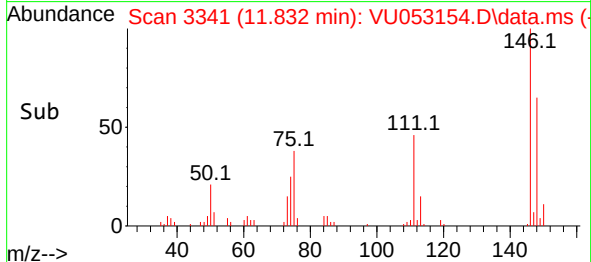
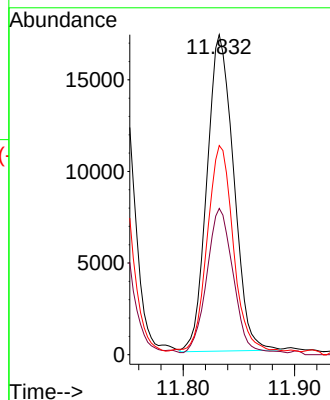
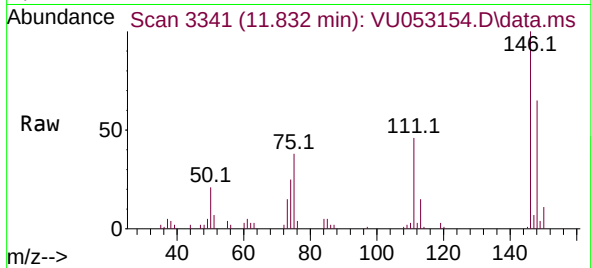




#83
1,4-Dichlorobenzene
Concen: 1.952 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

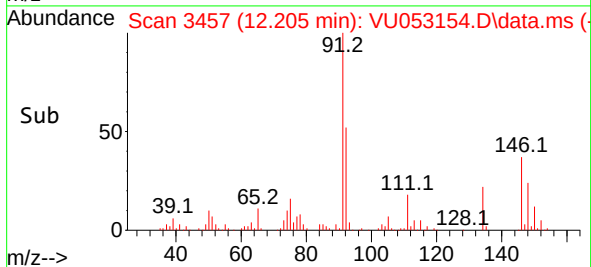
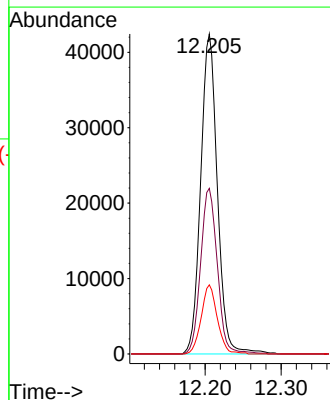
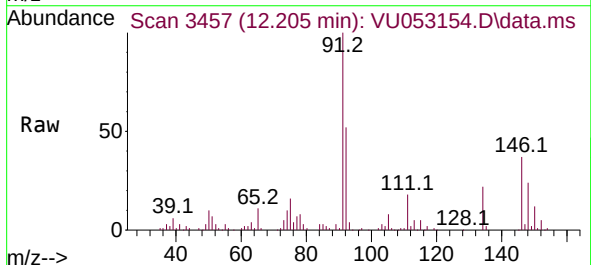
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

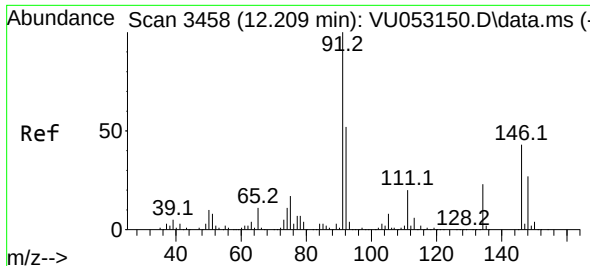
Tgt Ion:146 Resp: 28766
Ion Ratio Lower Upper
146 100
111 45.1 34.0 51.0
148 64.4 49.8 74.6



#84
n-Butylbenzene
Concen: 2.056 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 91 Resp: 64710
Ion Ratio Lower Upper
91 100
92 51.9 41.8 62.6
134 20.8 17.9 26.9

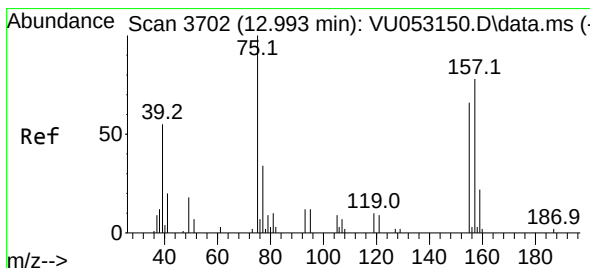
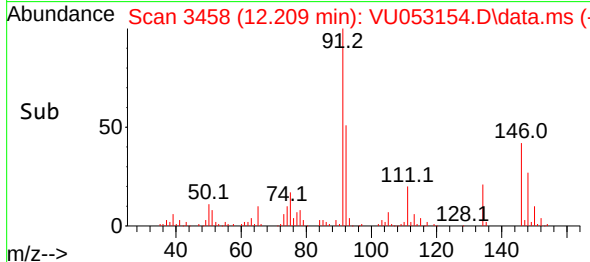
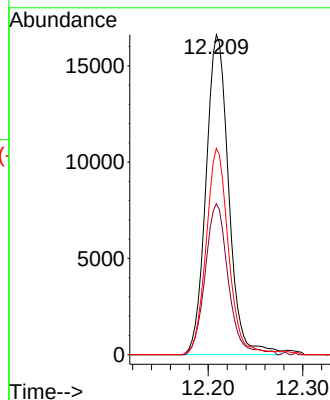
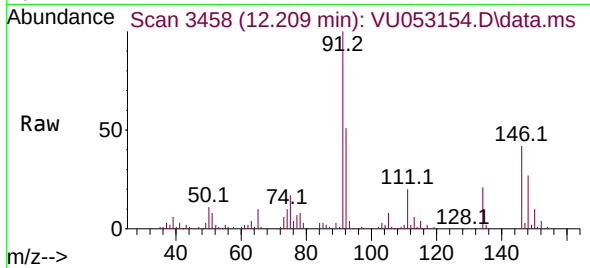




#85
1,2-Dichlorobenzene
Concen: 2.015 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

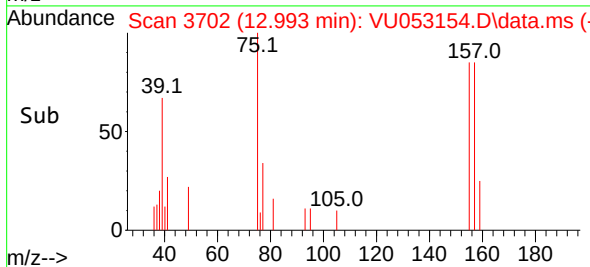
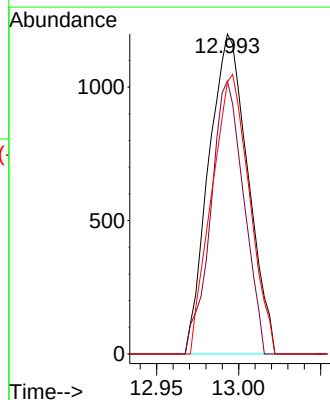
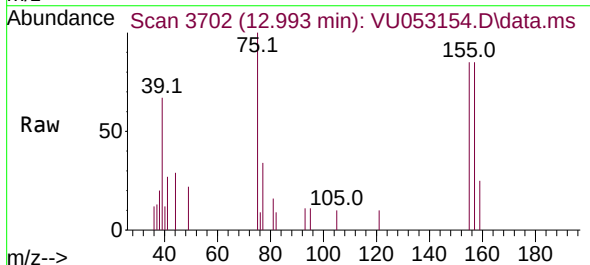
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

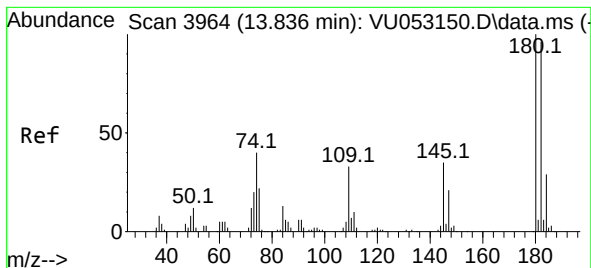
Tgt Ion:146 Resp: 27738
Ion Ratio Lower Upper
146 100
111 47.8 23.2 69.6
148 63.9 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.874 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion: 75 Resp: 1991
Ion Ratio Lower Upper
75 100
155 71.7 53.4 80.0
157 83.9 61.7 92.5





#87

1,2,4-Trichlorobenzene

Concen: 2.056 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBS01

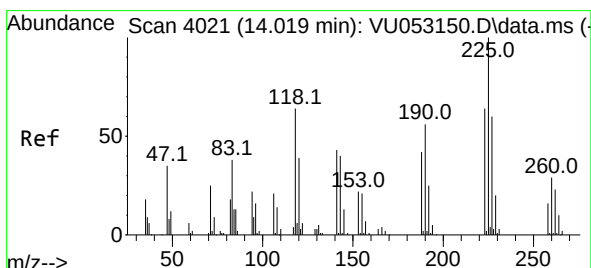
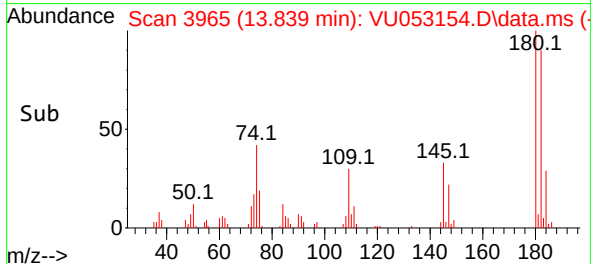
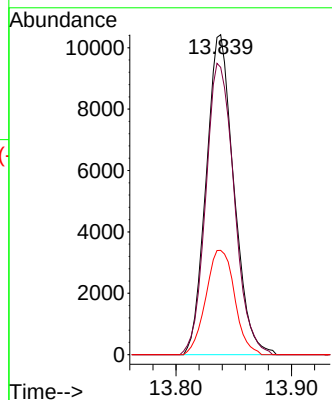
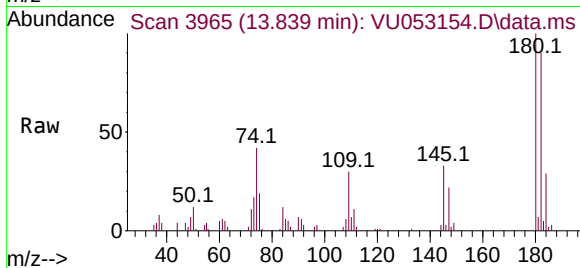
Tgt Ion:180 Resp: 17370

Ion Ratio Lower Upper

180 100

182 93.4 77.4 116.0

145 33.8 28.3 42.5



#88

Hexachlorobutadiene

Concen: 2.023 ug/l

RT: 14.016 min Scan# 4020

Delta R.T. -0.003 min

Lab File: VU053154.D

Acq: 27 Feb 2023 15:46

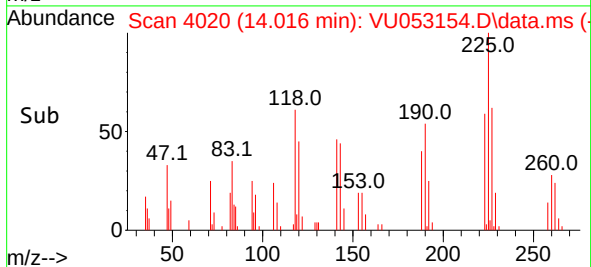
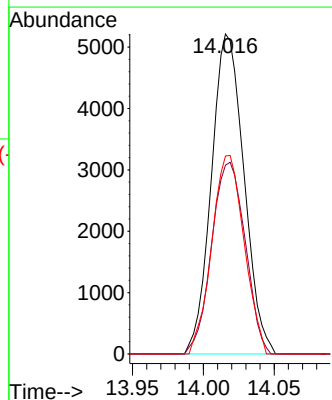
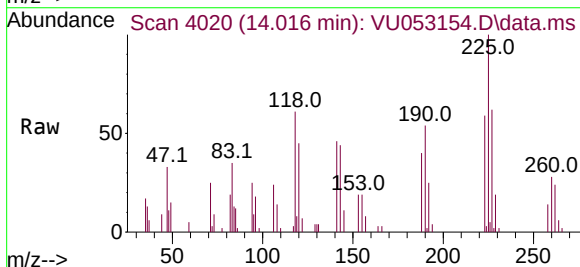
Tgt Ion:225 Resp: 8345

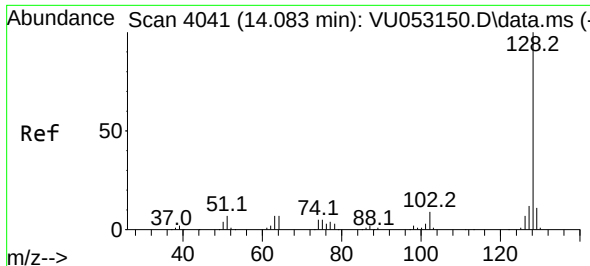
Ion Ratio Lower Upper

225 100

223 61.7 51.1 76.7

227 61.5 49.9 74.9

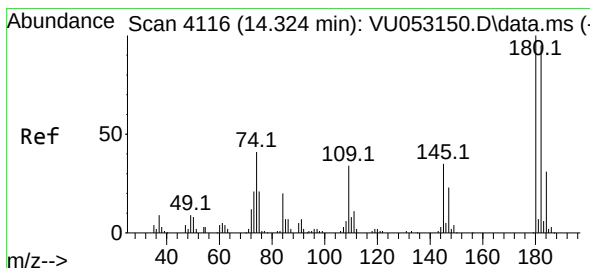
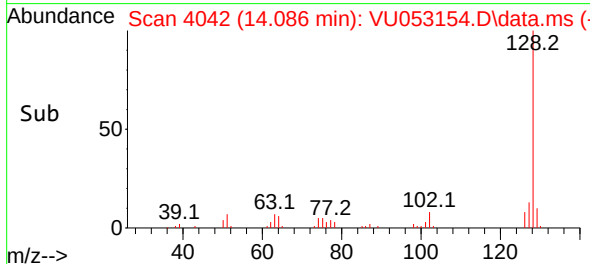
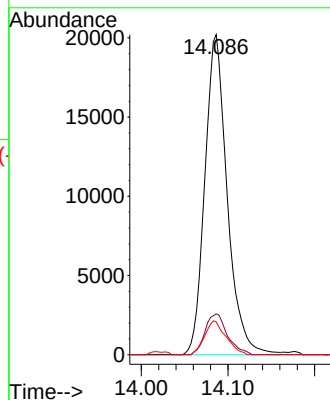
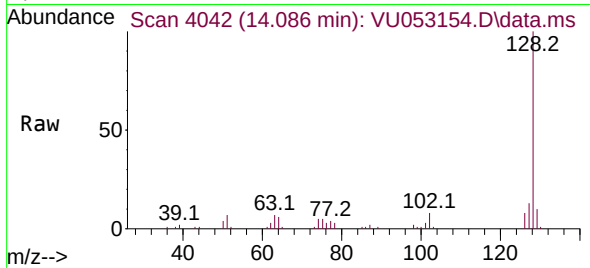




#89
Naphthalene
Concen: 2.016 ug/l
RT: 14.086 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBS01

Tgt Ion:128	Resp:	36235
Ion Ratio	Lower	Upper
128	100	
127	12.7	9.9 14.9
129	10.0	8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 1.990 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053154.D
Acq: 27 Feb 2023 15:46

Tgt Ion:180	Resp:	14793
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.6 115.0
145	38.0	29.0 43.6

