

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053155.D
 Acq On : 27 Feb 2023 16:16
 Operator : JC/MD
 Sample : VU0227WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

Quant Time: Feb 28 03:52:49 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	26885	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11048	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9589	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	12955	1.898	ug/l	97
3) Chloromethane	1.521	50	12125	1.724	ug/l	96
4) Vinyl Chloride	1.604	62	13617	1.819	ug/l	96
5) Bromomethane	1.858	94	8219	1.929	ug/l	94
6) Chloroethane	1.936	64	8993	1.977	ug/l	95
7) Trichlorofluoromethane	2.141	101	19581	1.817	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	12770	1.895	ug/l	96
9) 1,1-Dichloroethene	2.582	96	10961	1.873	ug/l	99
10) Iodomethane	2.723	142	10368	1.722	ug/l	99
11) Allyl Chloride	2.923	41	15260	1.670	ug/l	97
12) Acrylonitrile	3.318	53	5962	3.979	ug/l	95
13) Acetone	2.640	43	17691	8.258	ug/l	97
14) Carbon Disulfide	2.794	76	24832	1.849	ug/l	97
15) Methylene Chloride	3.045	84	17722	2.119	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	11652	1.811	ug/l	95
17) 1,1-Dichloroethane	3.868	63	25823	1.835	ug/l	99
18) 2-Butanone	4.717	43	22428	8.720	ug/l	95
19) Cyclohexane	5.382	56	18348	1.632	ug/l	89
20) Methylcyclohexane	6.755	83	20484	1.899	ug/l	98
21) 2,2-Dichloropropane	4.662	77	23457	1.902	ug/l	97
22) cis-1,2-Dichloroethene	4.662	96	14952	1.883	ug/l	95
23) Diethyl Ether	2.376	59	8513	1.778	ug/l	93
24) tert-Butyl Alcohol	3.206	59	2277	4.048	ug/l	# 48
25) Methyl tert-Butyl Ether	3.363	73	31906	1.875	ug/l	98
26) Bromochloromethane	4.971	128	5621	1.831	ug/l	92
27) Chloroform	5.083	83	26465	1.825	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	21771	1.787	ug/l	97
29) 1,1-Dichloropropene	5.521	75	16592	1.817	ug/l	99
30) Carbon Tetrachloride	5.521	117	14570	1.737	ug/l	97
31) Isopropyl Ether	3.993	45	40065	1.784	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	38067	1.789	ug/l	100
33) Tert-Amyl methyl ether	5.942	73	29933	1.772	ug/l	99
34) Propionitrile	4.788	54	5841	9.763	ug/l	# 90
35) Benzene	5.771	78	50122	1.860	ug/l	99
36) 1,2-Dichloroethane	5.791	62	14386	1.786	ug/l	99
37) Trichloroethene	6.540	130	12099	1.957	ug/l	98
38) 1,2-Dichloropropane	6.787	63	14677	1.884	ug/l	96
39) Methacrylonitrile	4.974	41	4455	1.746	ug/l	# 88
40) Methyl acrylate	4.849	55	7224	1.831	ug/l	# 93
41) Tetrahydrofuran	5.064	42	5313	4.246	ug/l	# 90
42) 1-Chlorobutane	5.453	56	23209	1.826	ug/l	100
43) Dibromomethane	6.916	93	6205	1.797	ug/l	97
44) Bromodichloromethane	7.106	83	17441	1.846	ug/l	99

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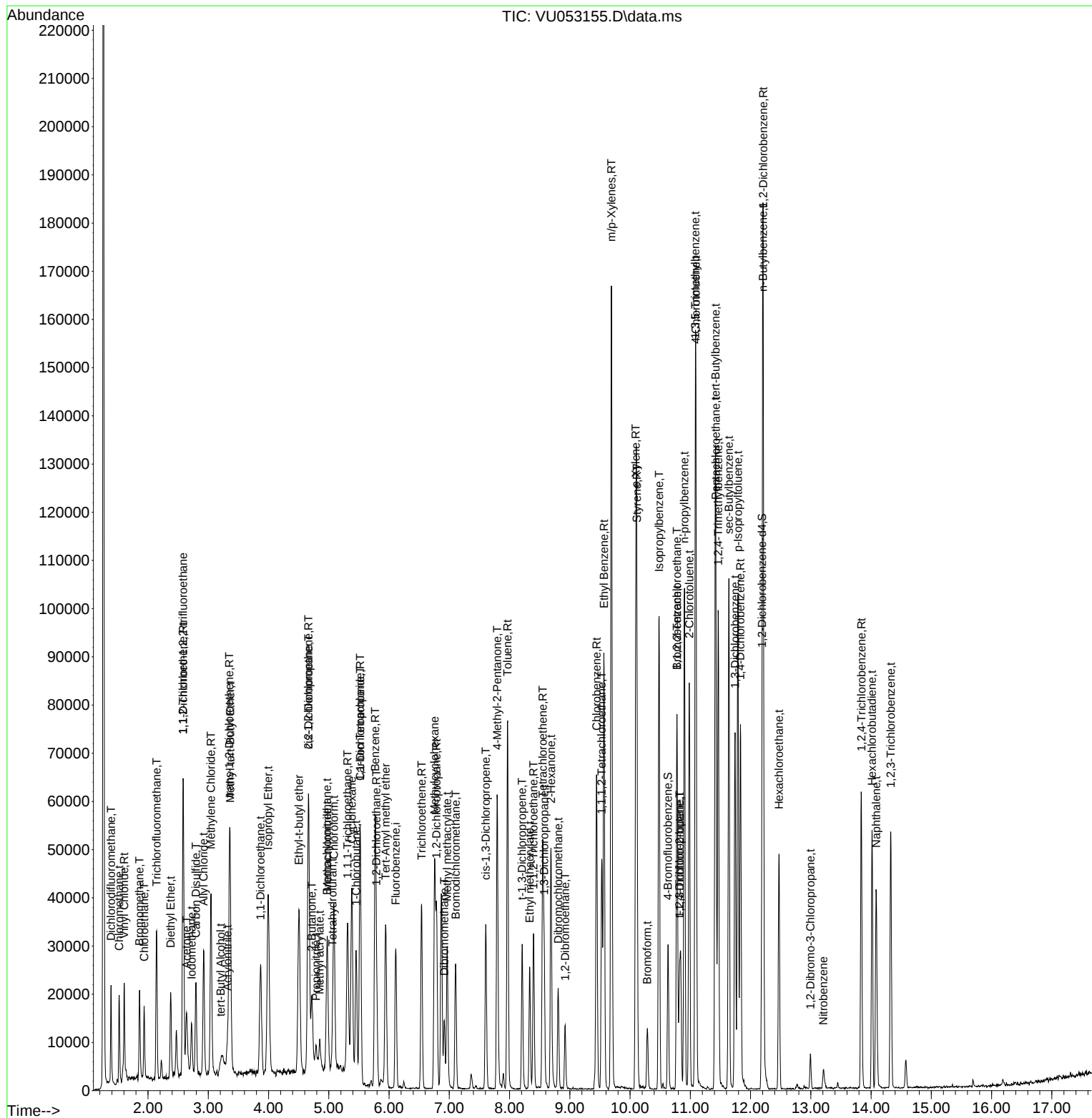
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	40306	9.560	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	15632	7.358	ug/l #	56
47) Methyl methacrylate	6.964	69	13683	3.850	ug/l	96
48) Ethyl methacrylate	8.334	69	14249	1.954	ug/l	100
49) Toluene	7.967	92	31029	1.870	ug/l	93
50) t-1,3-Dichloropropene	8.209	75	17523	1.910	ug/l	98
51) cis-1,3-Dichloropropene	7.604	75	20159	1.813	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	10491	2.068	ug/l	90
53) 1,3-Dichloropropane	8.575	76	17144	1.885	ug/l	96
54) 2-Hexanone	8.688	43	32007	8.910	ug/l	99
55) Dibromochloromethane	8.807	129	10602	1.832	ug/l	100
56) 1,2-Dibromoethane	8.922	107	8902	1.976	ug/l	100
58) Tetrachloroethene	8.549	164	9475	1.922	ug/l	98
59) Chlorobenzene	9.443	112	35353	1.906	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	11679	1.906	ug/l	99
61) Pentachloroethane	11.424	117	10310	1.936	ug/l	98
62) Hexachloroethane	12.472	117	10566	1.800	ug/l	95
63) Ethyl Benzene	9.565	91	65837	1.923	ug/l	99
64) m/p-Xylenes	9.691	106	47986	3.864	ug/l	100
65) o-Xylene	10.096	106	24347	1.920	ug/l	97
66) Styrene	10.112	104	38683	1.924	ug/l	99
67) Bromoform	10.286	173	5016	1.782	ug/l	99
69) Isopropylbenzene	10.482	105	65256	1.921	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	13291	1.944	ug/l	100
71) 1,2,3-Trichloropropane	10.823	75	15632	2.657	ug/l	82
72) Bromobenzene	10.778	156	12594	1.911	ug/l	97
73) n-propylbenzene	10.903	120	17734	1.968	ug/l	98
74) 2-Chlorotoluene	10.983	126	15222	2.040	ug/l	91
75) 1,3,5-Trimethylbenzene	11.083	105	53918	1.908	ug/l	100
76) 4-Chlorotoluene	11.093	126	15418	1.966	ug/l	88
77) tert-Butylbenzene	11.418	119	52146	1.883	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	54914	1.906	ug/l	99
79) sec-Butylbenzene	11.639	105	73330	1.908	ug/l	100
80) Nitrobenzene	13.208	77	2961	8.288	ug/l #	80
81) p-Isopropyltoluene	11.790	119	57688	1.895	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	28208	1.949	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	28488	1.928	ug/l	97
84) n-Butylbenzene	12.205	91	62779	1.990	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	27430	1.988	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.993	75	2160	1.995	ug/l	91
87) 1,2,4-Trichlorobenzene	13.839	180	17063	2.015	ug/l	98
88) Hexachlorobutadiene	14.015	225	8127	1.965	ug/l	99
89) Naphthalene	14.086	128	36867	2.047	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	14624	1.963	ug/l	94

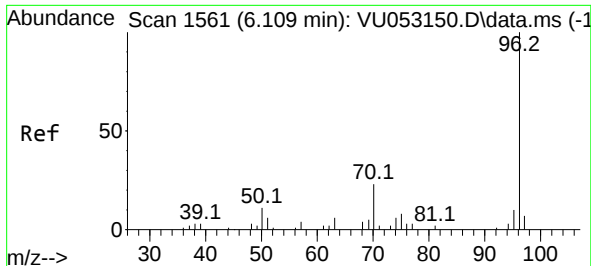
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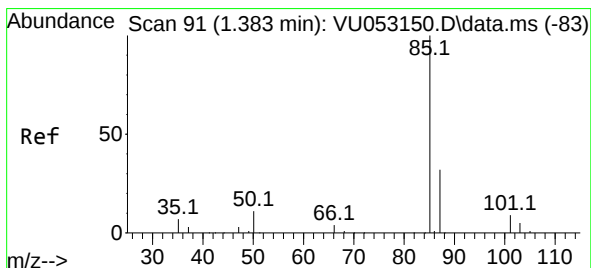
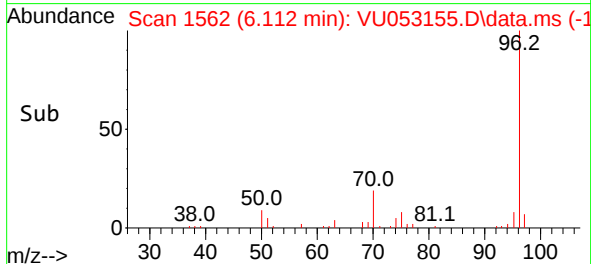
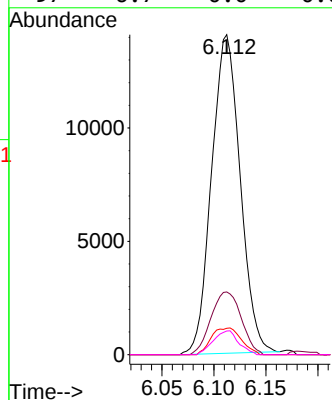
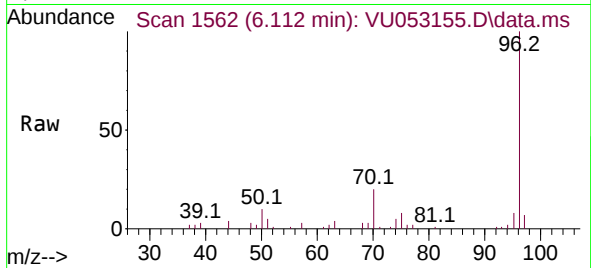




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

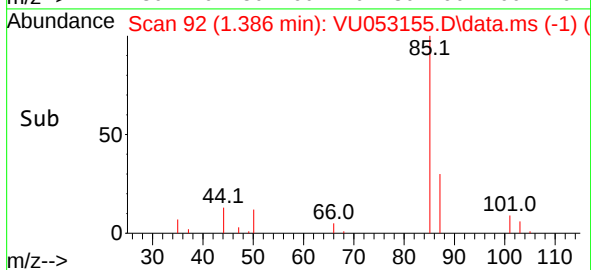
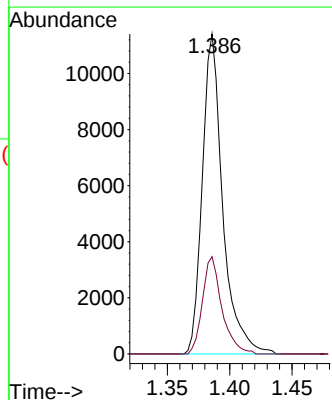
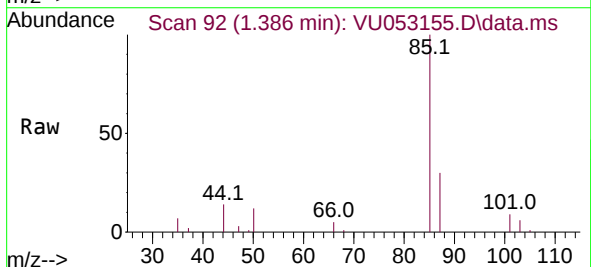
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

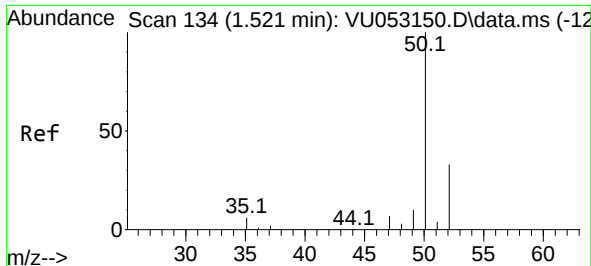
Tgt Ion: 96	Resp: 26885
Ion Ratio	Lower Upper
96 100	
70 20.9	15.5 23.3
95 8.8	7.0 10.6
97 6.7	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 1.898 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 85	Resp: 12955
Ion Ratio	Lower Upper
85 100	
87 30.4	16.1 48.2





#3

Chloromethane

Concen: 1.724 ug/l

RT: 1.521 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

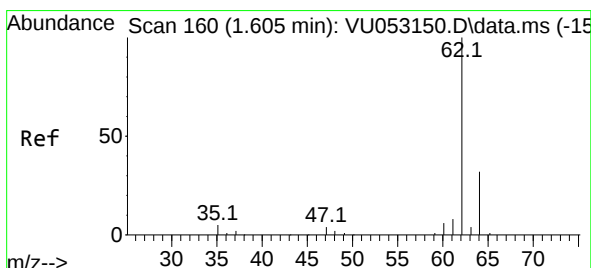
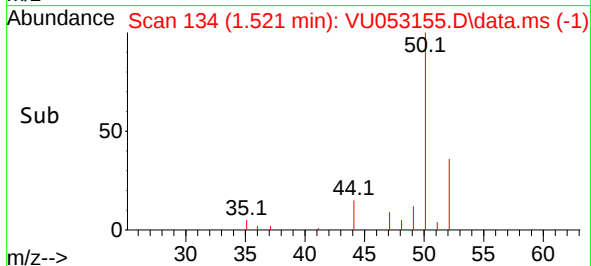
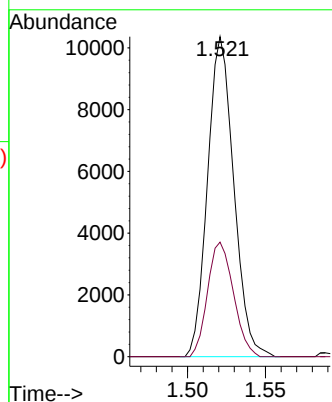
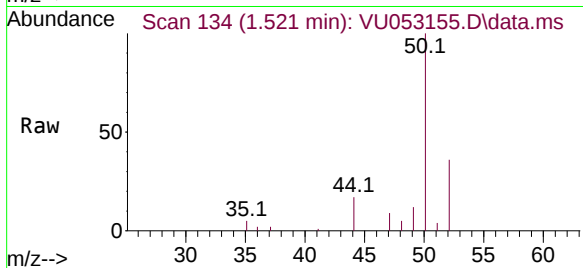
VU0227WBSD01

Tgt Ion: 50 Resp: 12125

Ion Ratio Lower Upper

50 100

52 35.8 26.7 40.1



#4

Vinyl Chloride

Concen: 1.819 ug/l

RT: 1.604 min Scan# 160

Delta R.T. -0.000 min

Lab File: VU053155.D

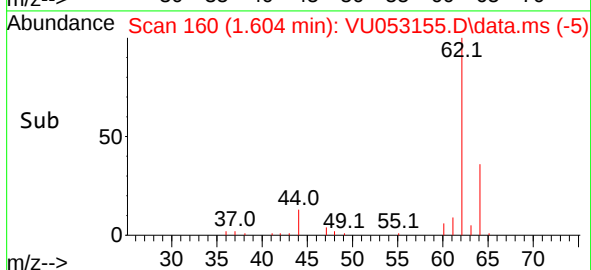
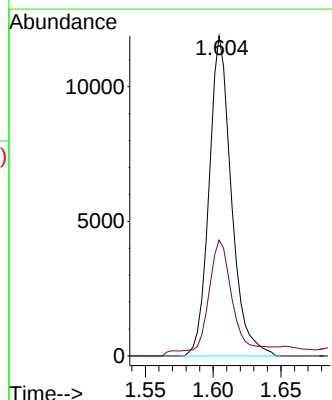
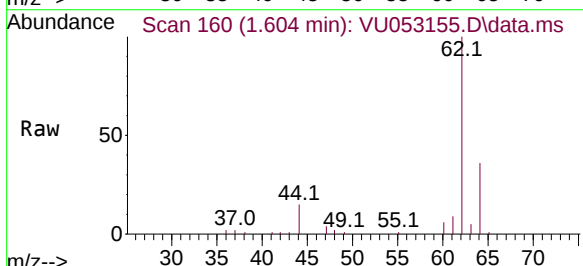
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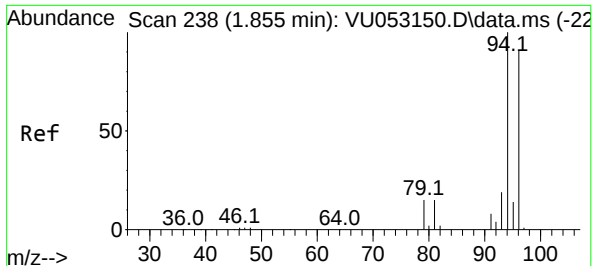
Tgt Ion: 62 Resp: 13617

Ion Ratio Lower Upper

62 100

64 34.7 25.8 38.6

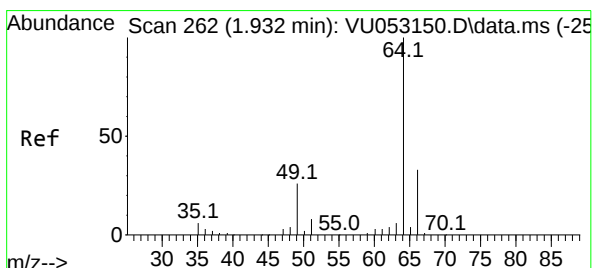
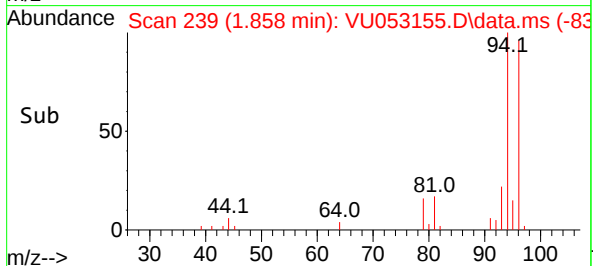
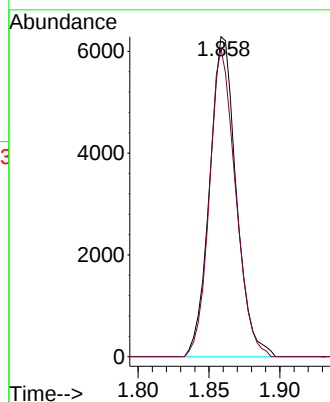
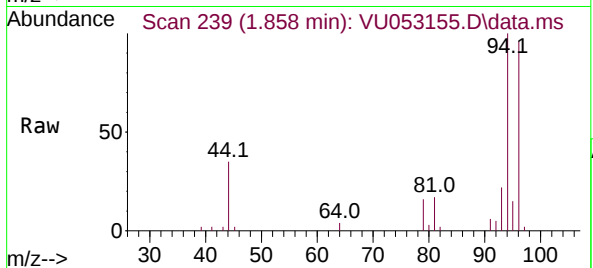




#5
Bromomethane
Concen: 1.929 ug/l
RT: 1.858 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

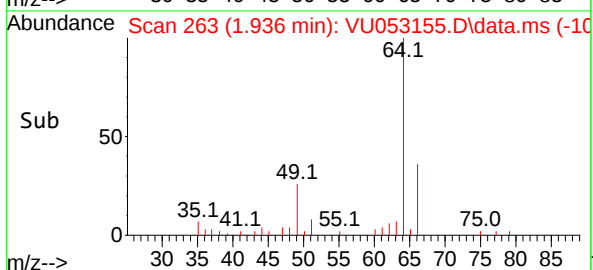
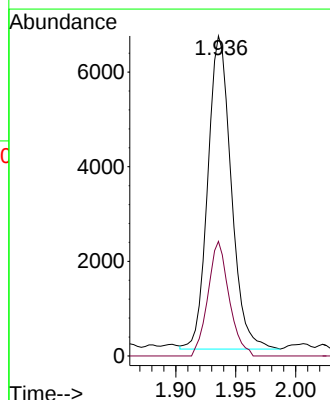
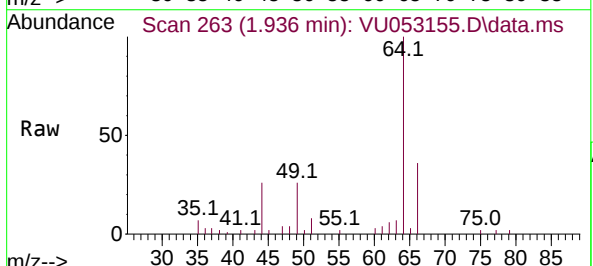
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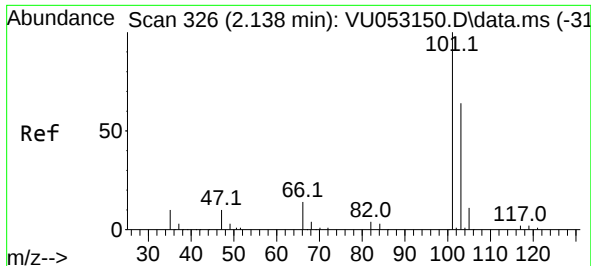
Tgt Ion: 94 Resp: 8219
Ion Ratio Lower Upper
94 100
96 96.2 72.6 108.8



#6
Chloroethane
Concen: 1.977 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 64 Resp: 8993
Ion Ratio Lower Upper
64 100
66 36.6 26.8 40.2

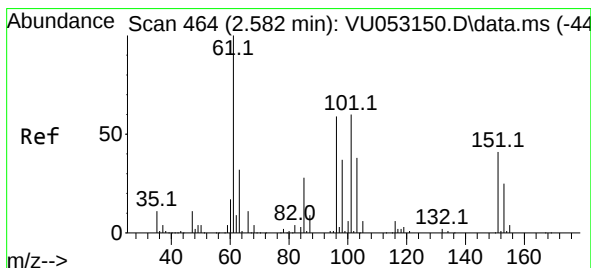
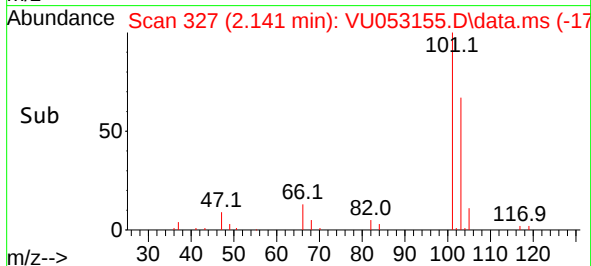
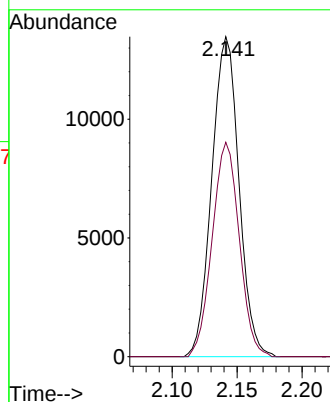
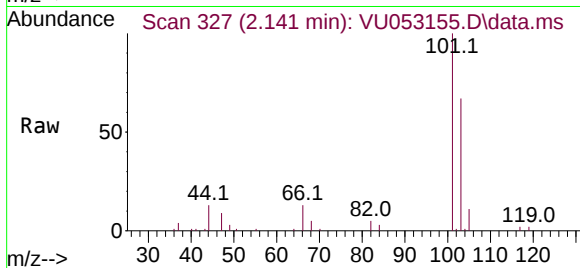




#7
Trichlorofluoromethane
Concen: 1.817 ug/l
RT: 2.141 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053155.D
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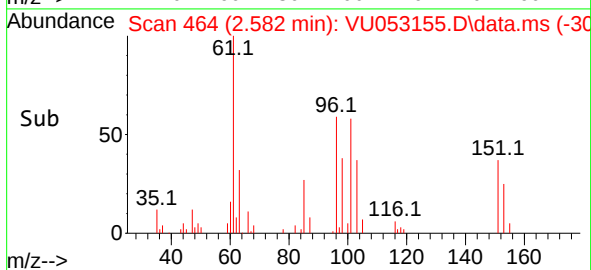
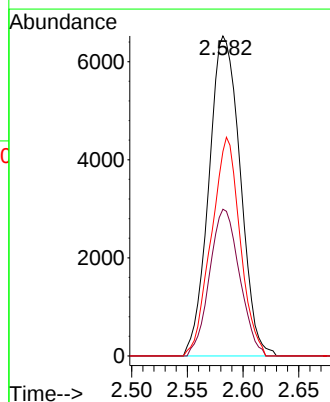
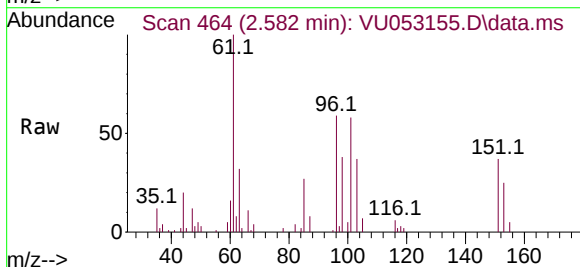
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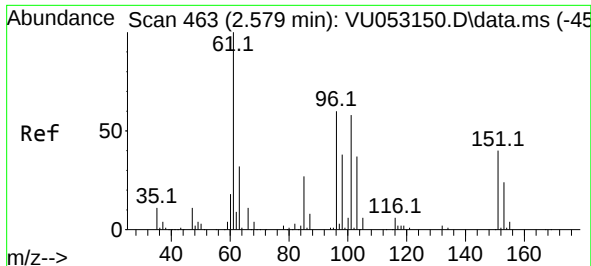
Tgt Ion:101 Resp: 19581
Ion Ratio Lower Upper
101 100
103 67.0 51.2 76.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.895 ug/l
RT: 2.582 min Scan# 464
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:101 Resp: 12770
Ion Ratio Lower Upper
101 100
85 43.8 37.3 55.9
151 62.8 52.4 78.6

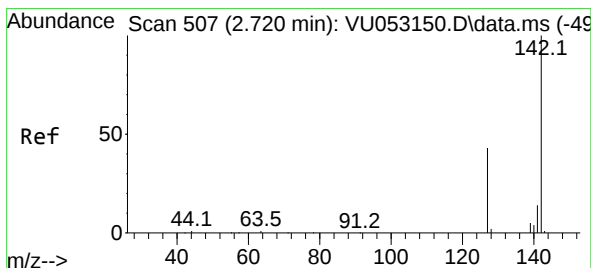
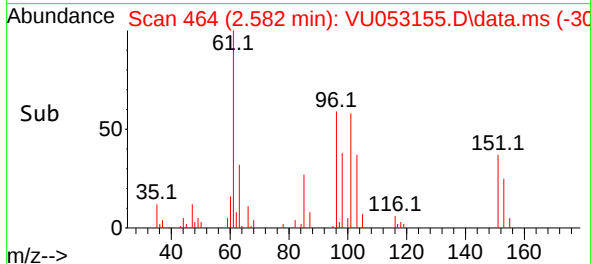
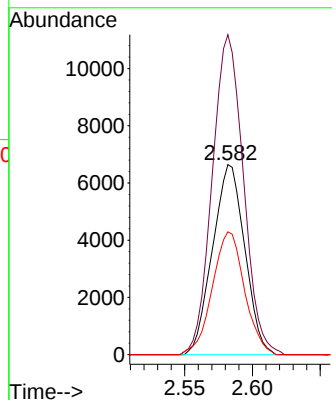
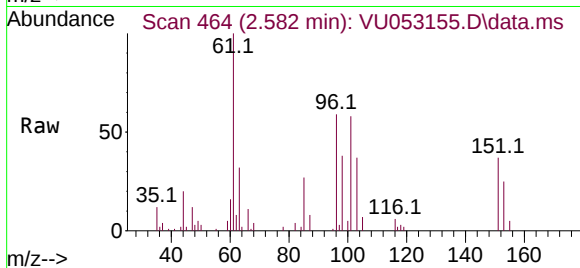




#9
1,1-Dichloroethene
Concen: 1.873 ug/l
RT: 2.582 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

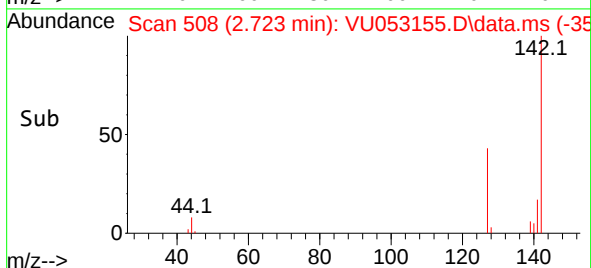
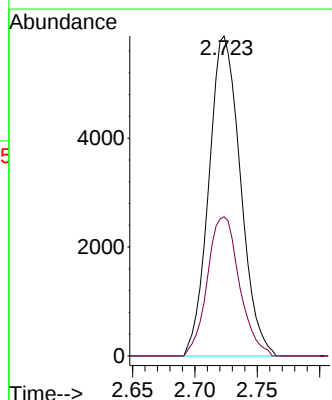
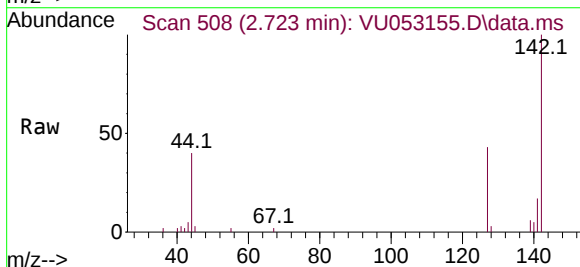
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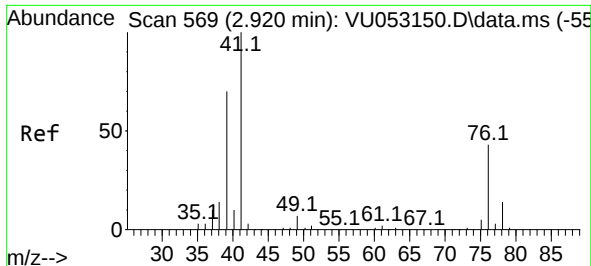
Tgt Ion: 96 Resp: 10961
Ion Ratio Lower Upper
96 100
61 168.3 0.0 502.5
98 64.6 0.0 126.2



#10
Iodomethane
Concen: 1.722 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 142 Resp: 10368
Ion Ratio Lower Upper
142 100
127 44.1 35.8 53.8





#11

Allyl Chloride

Concen: 1.670 ug/l

RT: 2.923 min Scan# 5

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

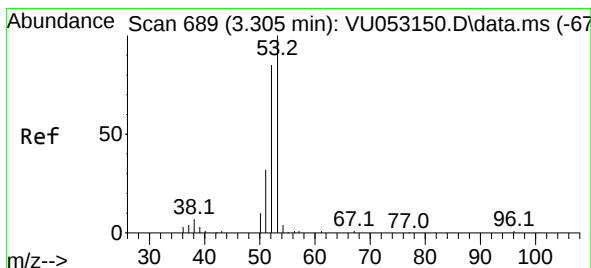
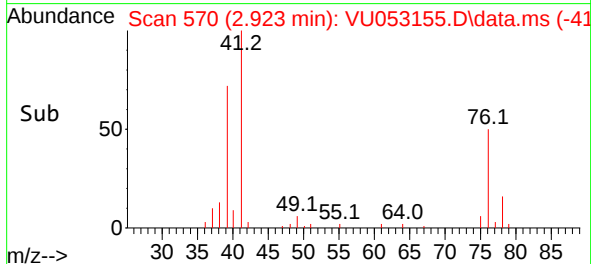
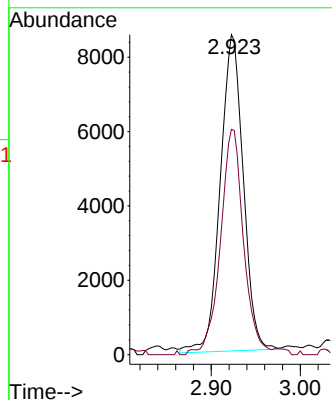
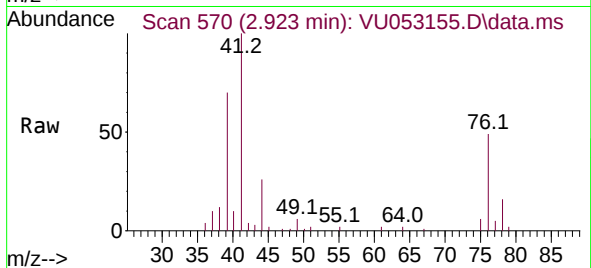
VU0227WBSD01

Tgt Ion: 41 Resp: 15260

Ion Ratio Lower Upper

41 100

39 71.6 55.3 82.9



#12

Acrylonitrile

Concen: 3.979 ug/l

RT: 3.318 min Scan# 693

Delta R.T. 0.013 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

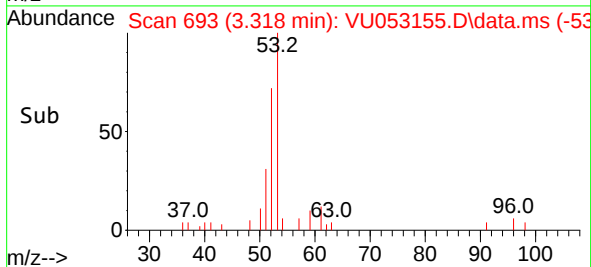
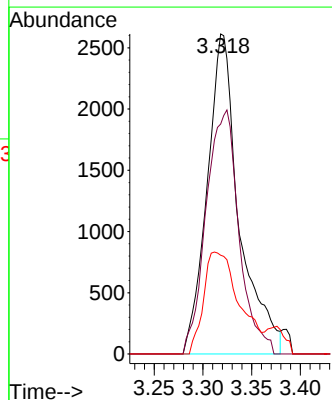
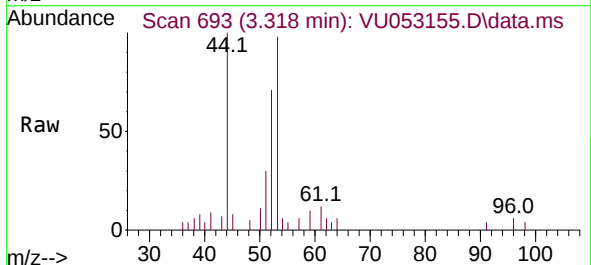
Tgt Ion: 53 Resp: 5962

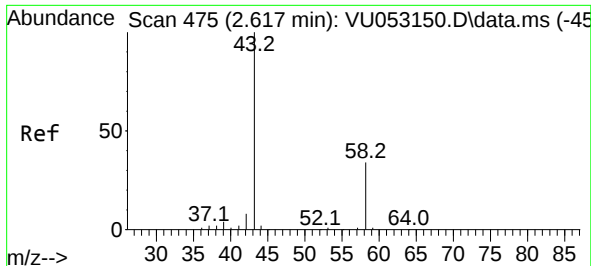
Ion Ratio Lower Upper

53 100

52 78.4 65.9 98.9

51 35.5 31.8 47.8





#13

Acetone

Concen: 8.258 ug/l

RT: 2.640 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

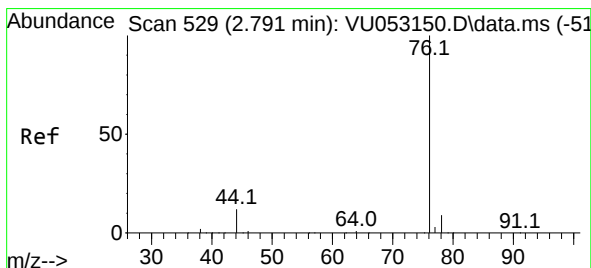
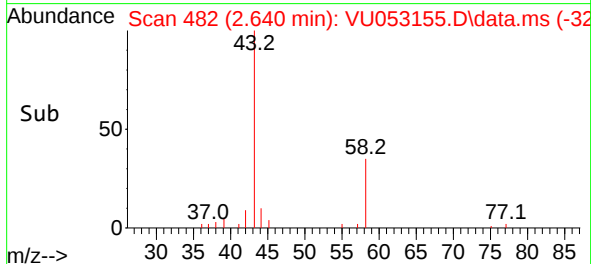
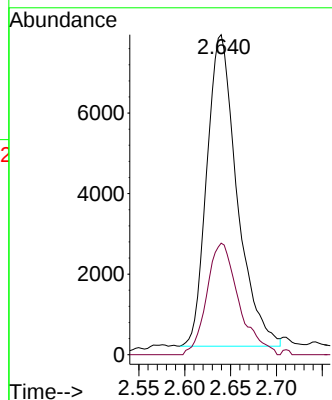
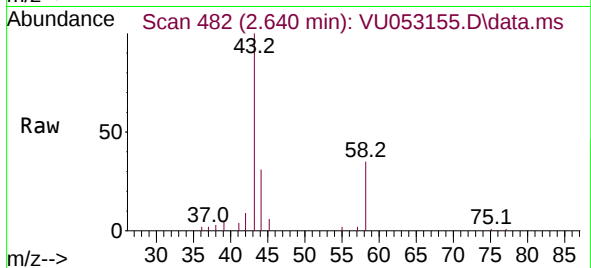
VU0227WBSD01

Tgt Ion: 43 Resp: 17691

Ion Ratio Lower Upper

43 100

58 35.8 27.2 40.8



#14

Carbon Disulfide

Concen: 1.849 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053155.D

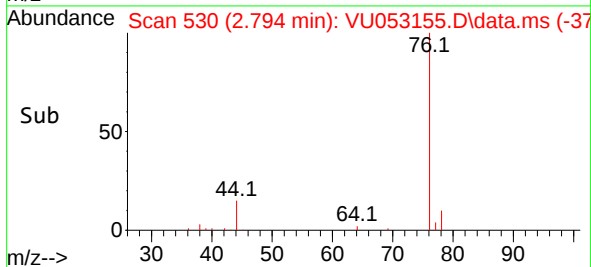
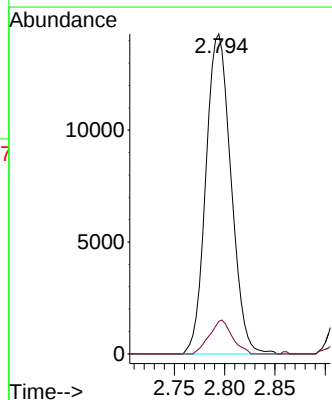
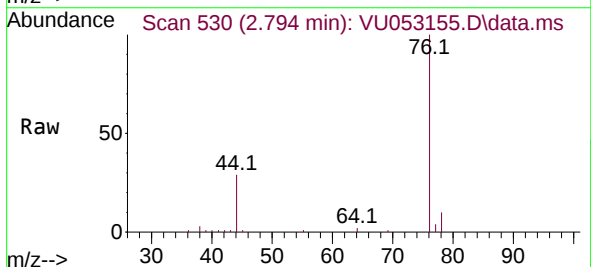
Acq: 27 Feb 2023 16:16

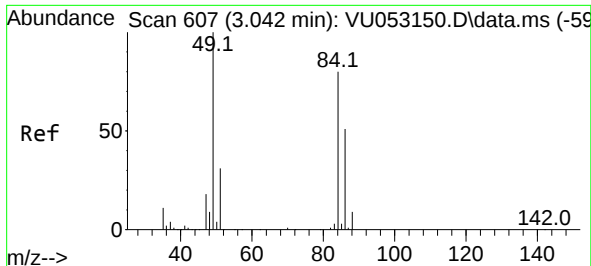
Tgt Ion: 76 Resp: 24832

Ion Ratio Lower Upper

76 100

78 10.1 7.2 10.8

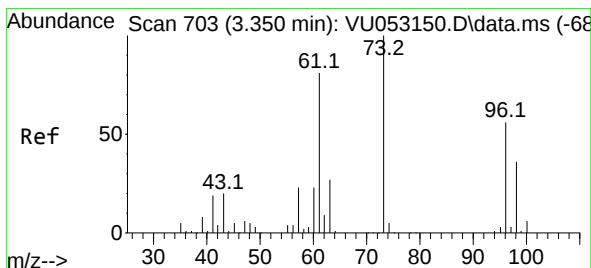
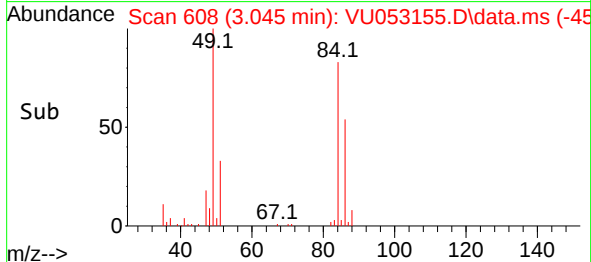
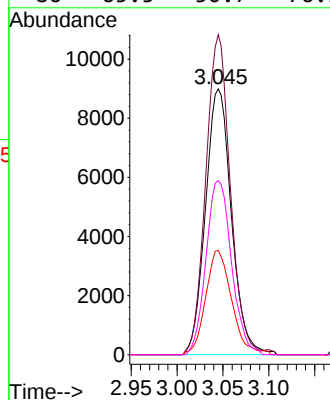
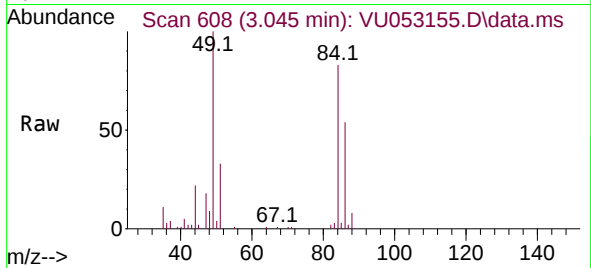




#15
Methylene Chloride
Concen: 2.119 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

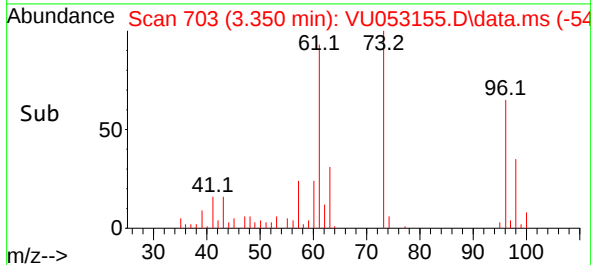
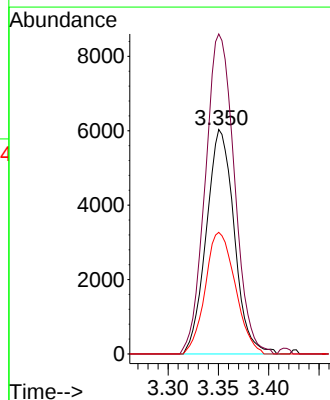
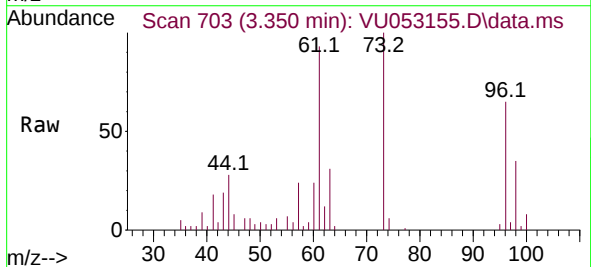
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

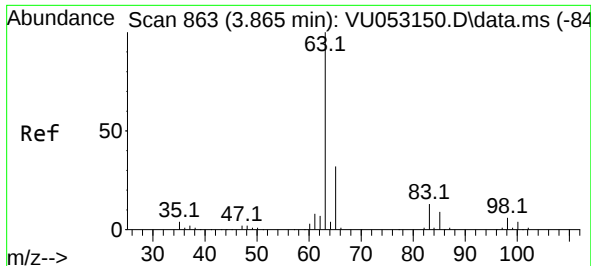
Tgt Ion: 84	Resp: 17722		
Ion	Ratio	Lower	Upper
84	100		
49	120.3	99.5	149.3
51	39.2	0.0	76.8
86	65.5	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 1.811 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 96	Resp: 11652
Ion Ratio	Lower Upper
96 100	
61 142.6	116.1 174.1
98 54.2	51.4 77.2

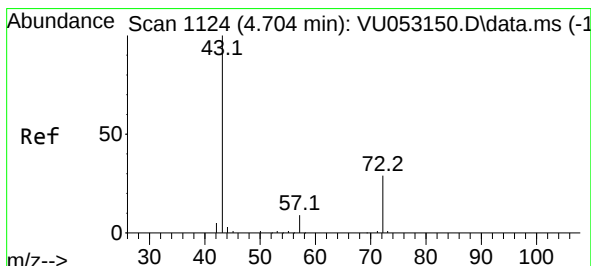
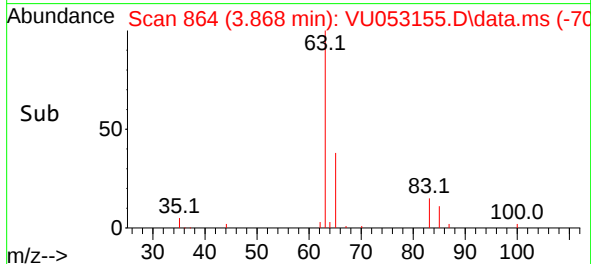
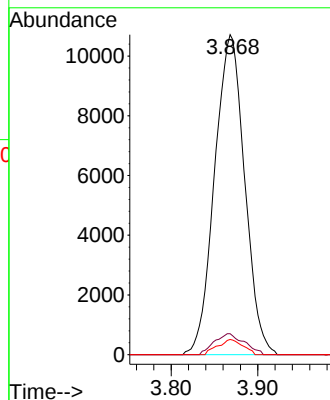
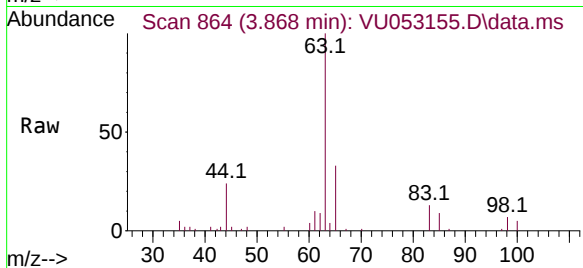




#17
1,1-Dichloroethane
Concen: 1.835 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

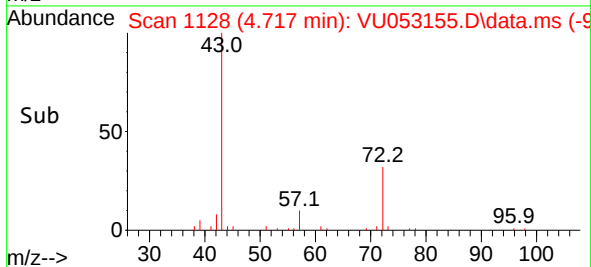
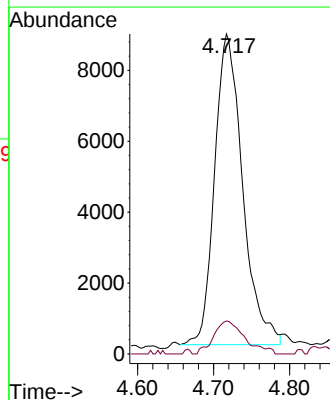
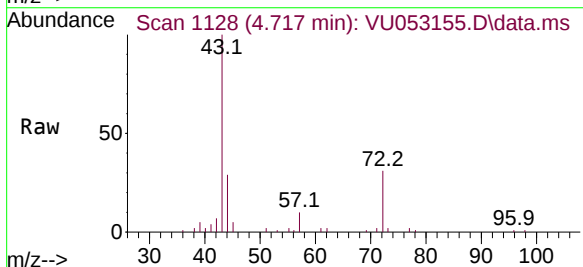
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

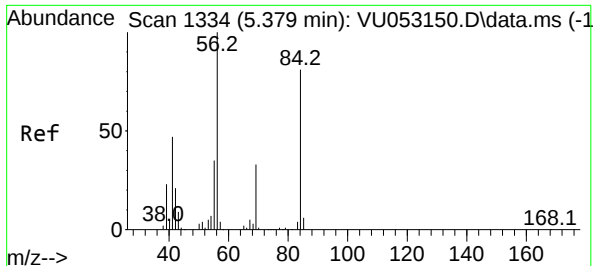
Tgt Ion: 63 Resp: 25823
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.4
100 4.8 2.1 6.2



#18
2-Butanone
Concen: 8.720 ug/l
RT: 4.717 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 43 Resp: 22428
Ion Ratio Lower Upper
43 100
57 10.6 0.0 17.6





#19

Cyclohexane

Concen: 1.632 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

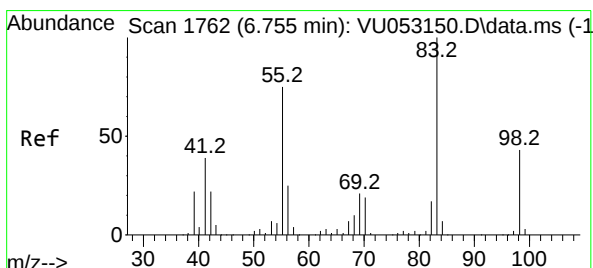
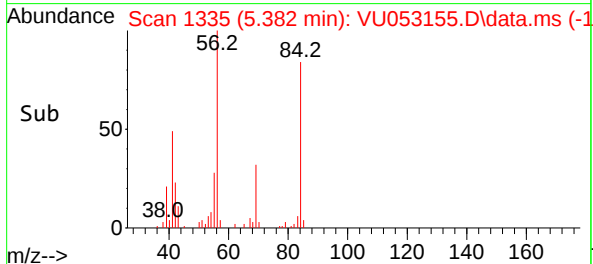
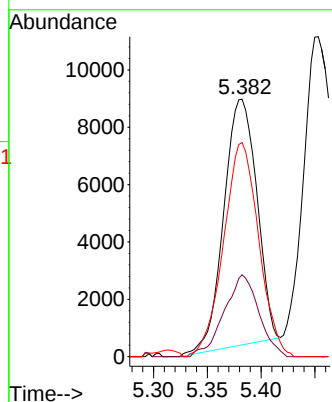
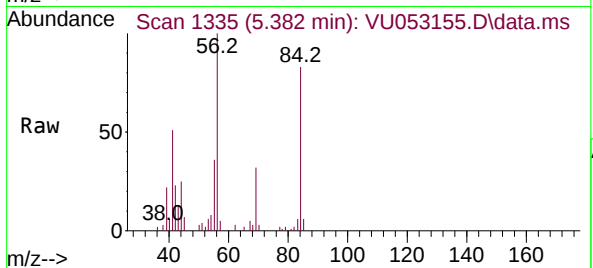
Tgt Ion: 56 Resp: 18348

Ion Ratio Lower Upper

56 100

69 34.9 26.1 39.1

84 92.5 64.7 97.1



#20

Methylcyclohexane

Concen: 1.899 ug/l

RT: 6.755 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

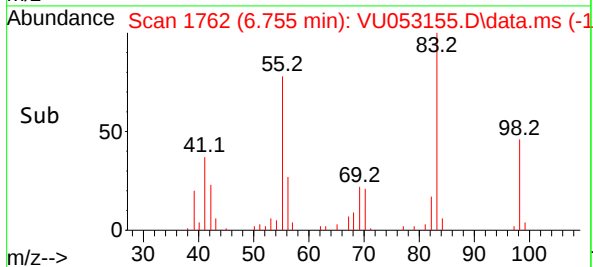
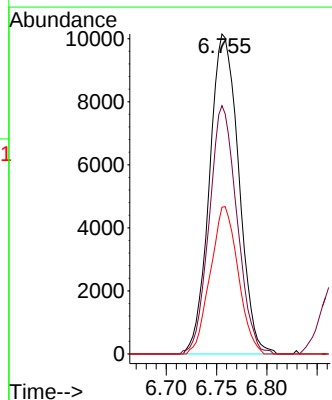
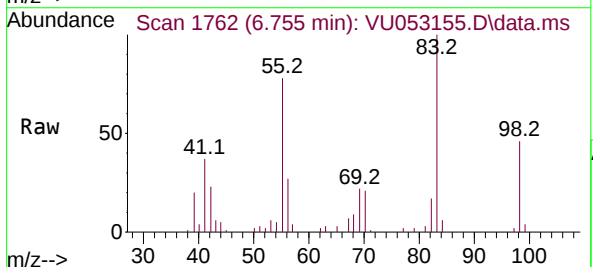
Tgt Ion: 83 Resp: 20484

Ion Ratio Lower Upper

83 100

55 74.0 60.2 90.2

98 43.8 33.9 50.9





#21

2,2-Dichloropropane

Concen: 1.902 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

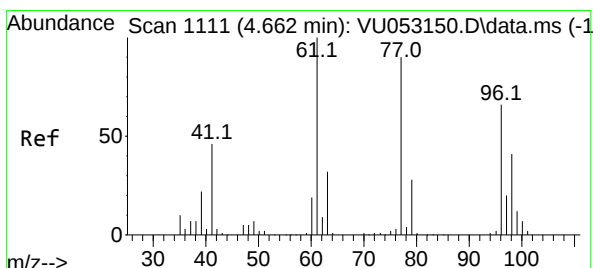
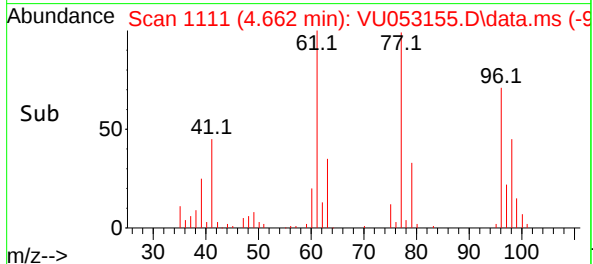
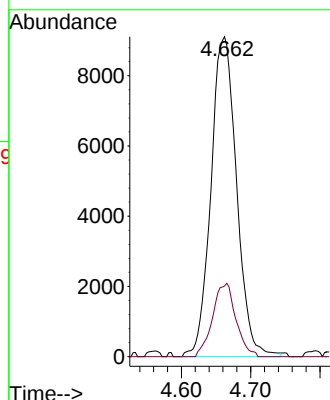
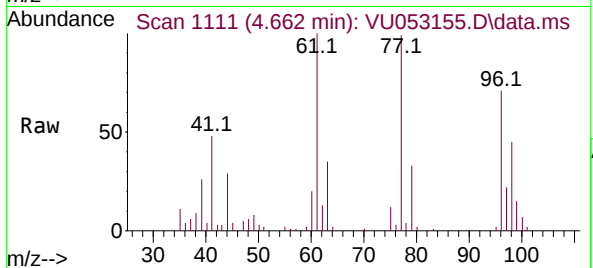
VU0227WBSD01

Tgt Ion: 77 Resp: 23457

Ion Ratio Lower Upper

77 100

97 20.8 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 1.883 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

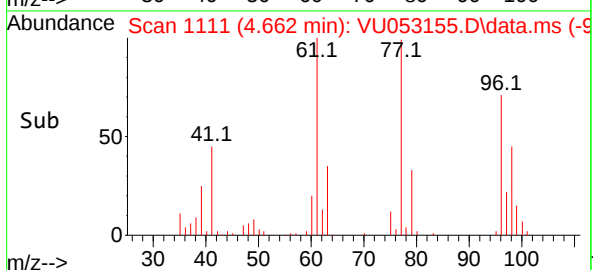
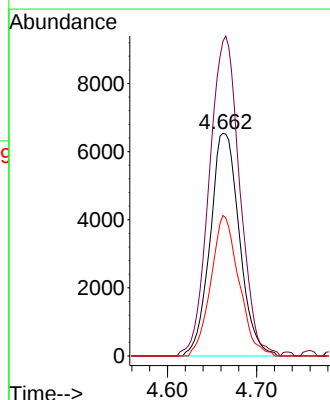
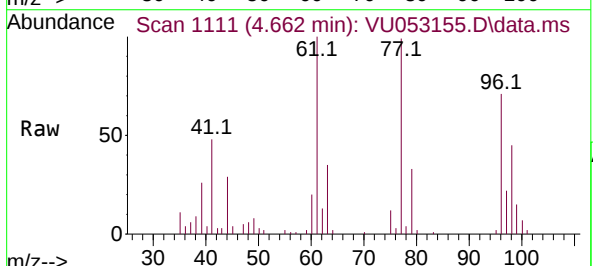
Tgt Ion: 96 Resp: 14952

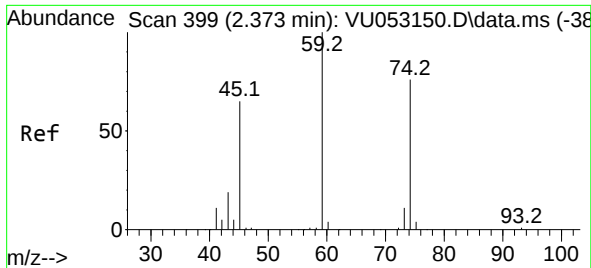
Ion Ratio Lower Upper

96 100

61 149.1 0.0 390.5

98 60.2 31.9 95.9





#23

Diethyl Ether

Concen: 1.778 ug/l

RT: 2.376 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

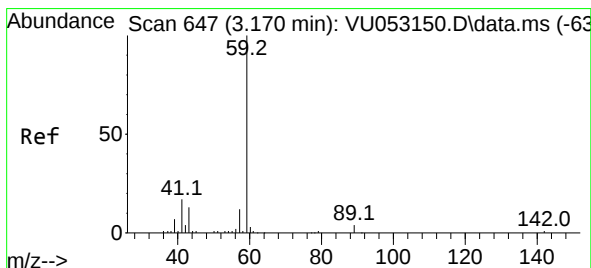
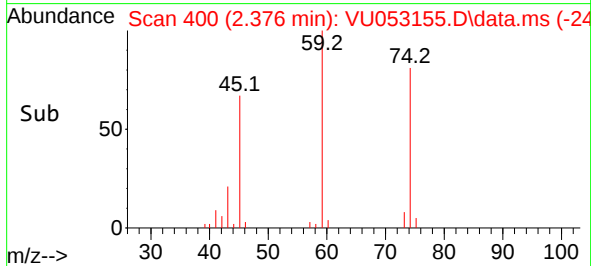
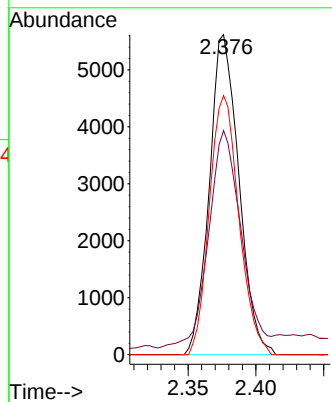
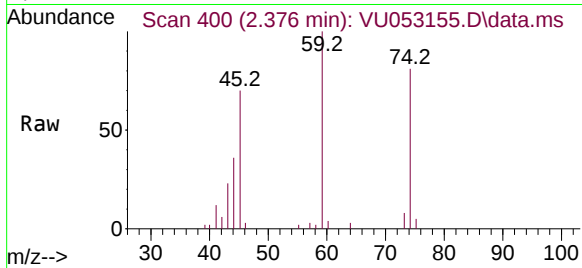
Tgt Ion: 59 Resp: 8513

Ion Ratio Lower Upper

59 100

45 74.1 54.2 81.2

74 80.9 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 4.048 ug/l

RT: 3.206 min Scan# 658

Delta R.T. 0.035 min

Lab File: VU053155.D

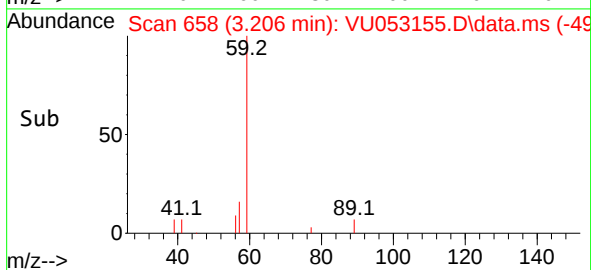
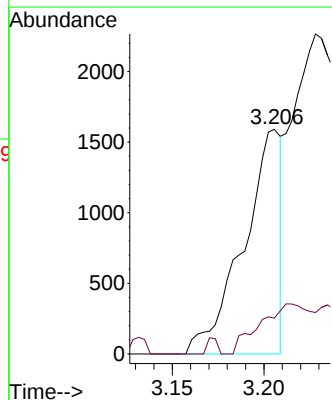
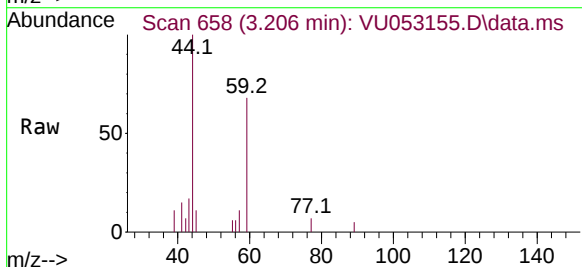
Acq: 27 Feb 2023 16:16

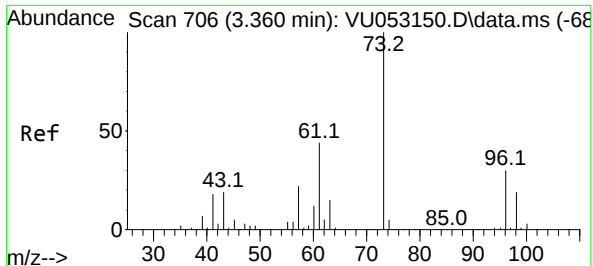
Tgt Ion: 59 Resp: 2277

Ion Ratio Lower Upper

59 100

57 30.6 8.7 13.1#

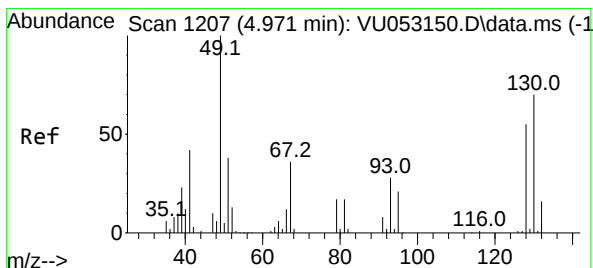
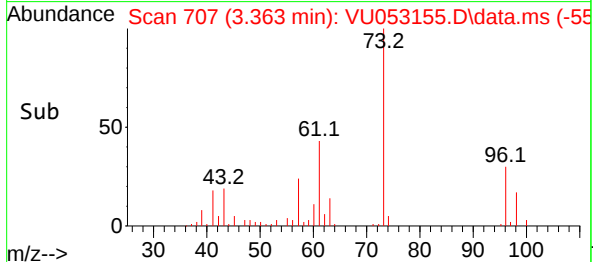
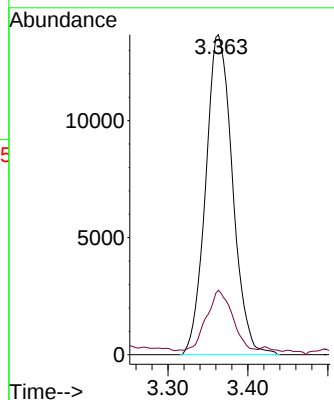
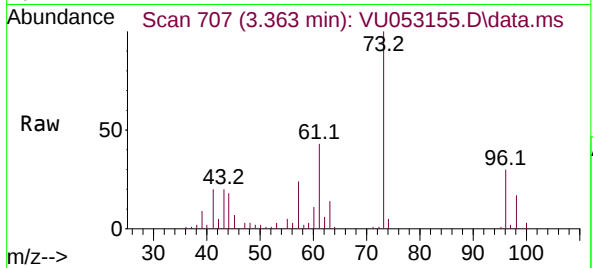




#25
Methyl tert-Butyl Ether
Concen: 1.875 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

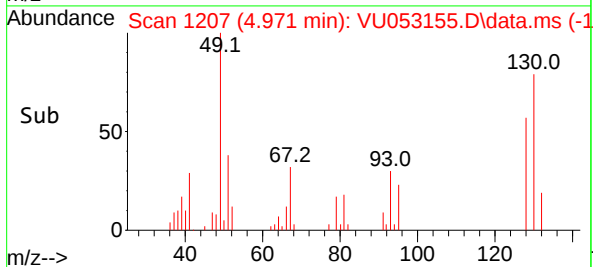
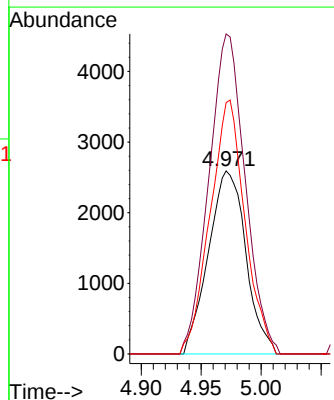
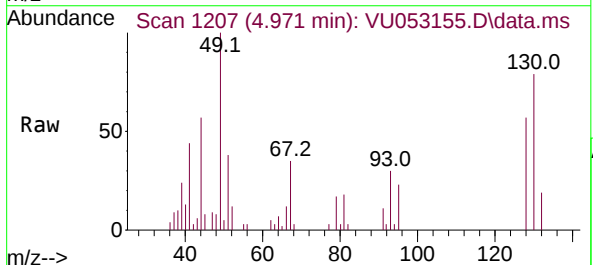
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion: 73 Resp: 31906
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.6



#26
Bromochloromethane
Concen: 1.831 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 128 Resp: 5621
Ion Ratio Lower Upper
128 100
49 169.6 0.0 376.8
130 129.5 104.8 157.2





#27

Chloroform

Concen: 1.825 ug/l

RT: 5.083 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

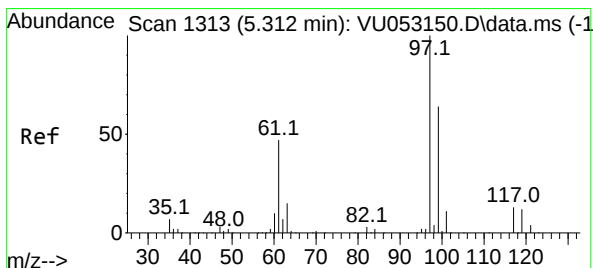
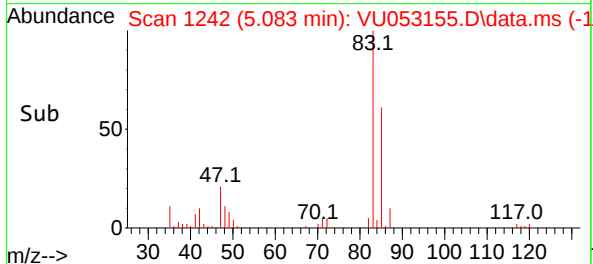
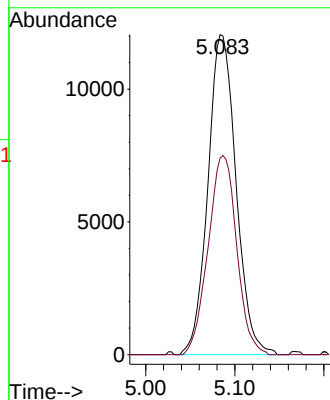
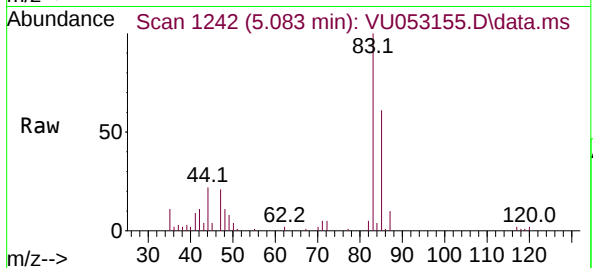
VU0227WBSD01

Tgt Ion: 83 Resp: 26465

Ion Ratio Lower Upper

83 100

85 61.4 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 1.787 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

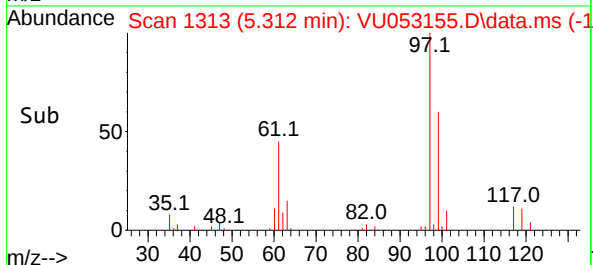
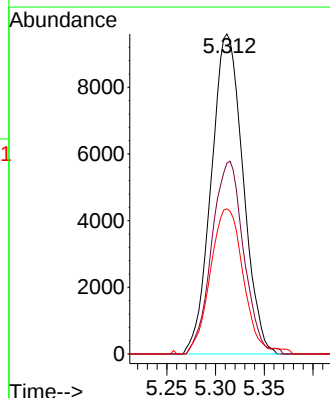
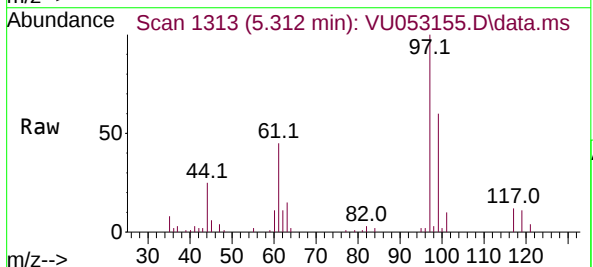
Tgt Ion: 97 Resp: 21771

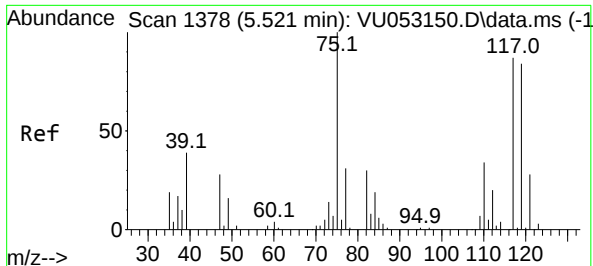
Ion Ratio Lower Upper

97 100

99 60.0 31.6 94.8

61 47.3 23.9 71.7





#29

1,1-Dichloropropene

Concen: 1.817 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

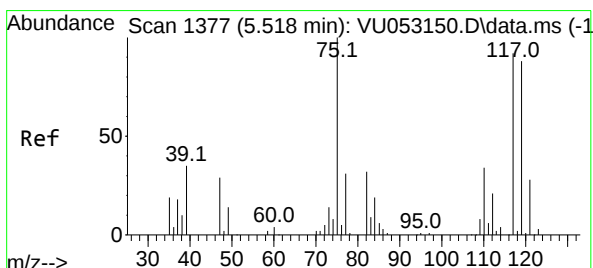
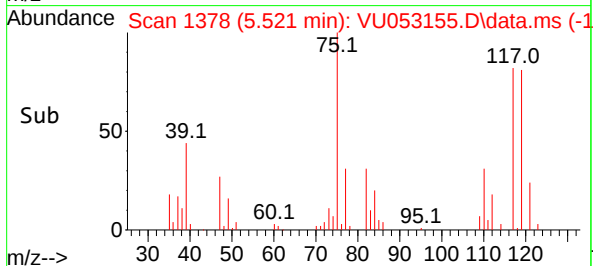
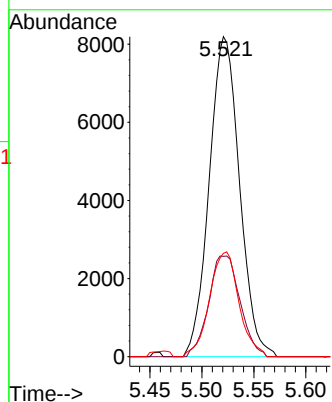
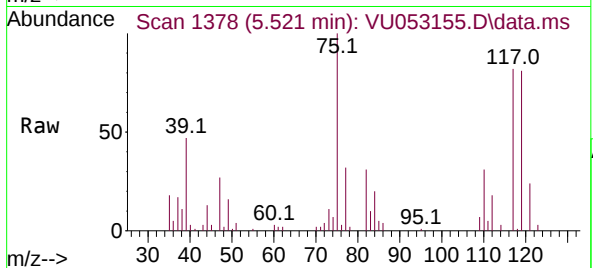
Tgt Ion: 75 Resp: 16592

Ion Ratio Lower Upper

75 100

110 32.5 16.3 48.8

77 31.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 1.737 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

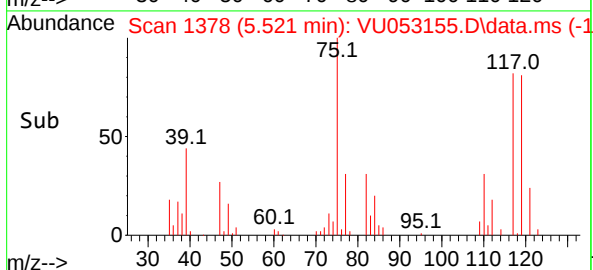
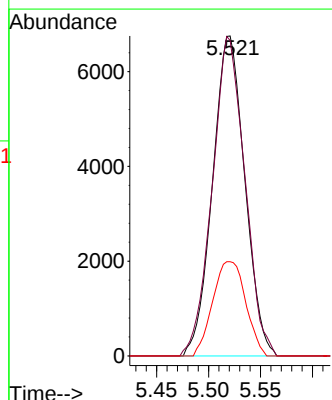
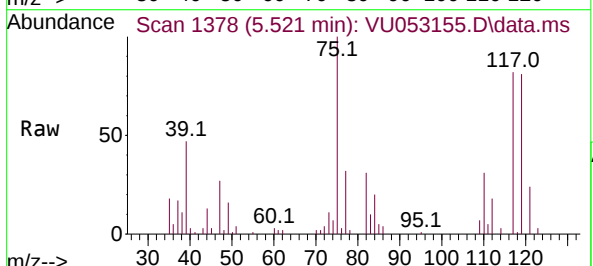
Tgt Ion: 117 Resp: 14570

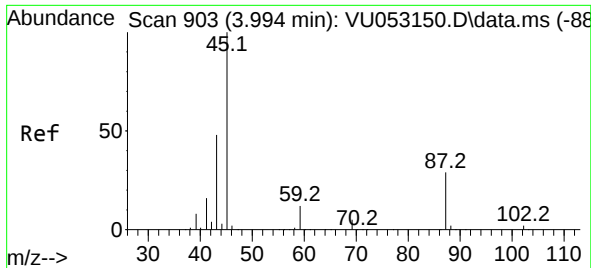
Ion Ratio Lower Upper

117 100

119 98.6 76.2 114.2

121 29.4 24.6 36.8

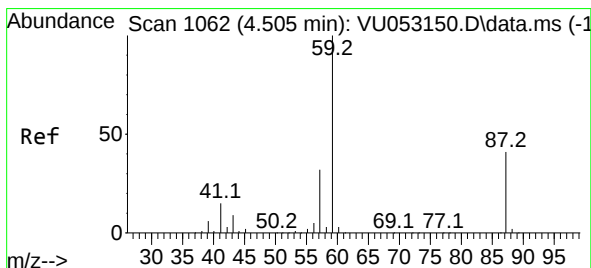
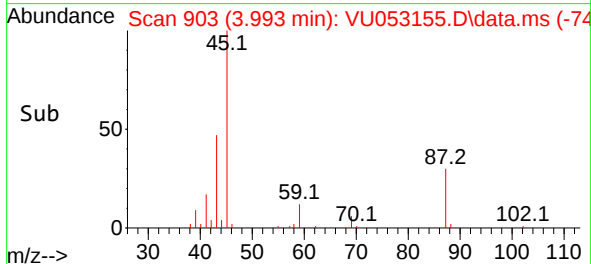
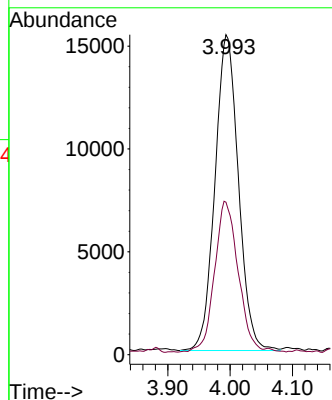
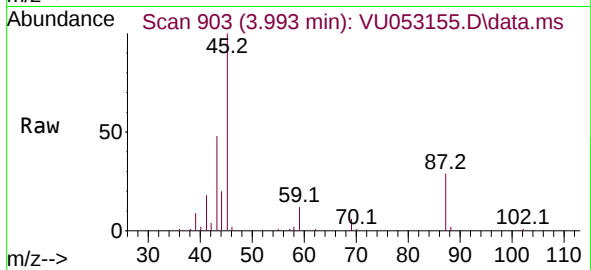




#31
Isopropyl Ether
Concen: 1.784 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

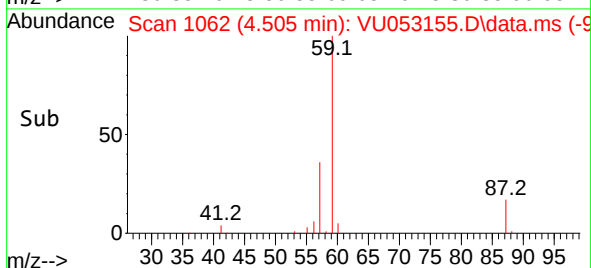
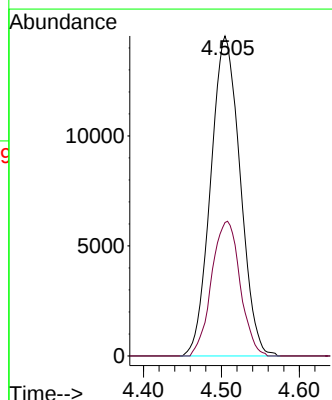
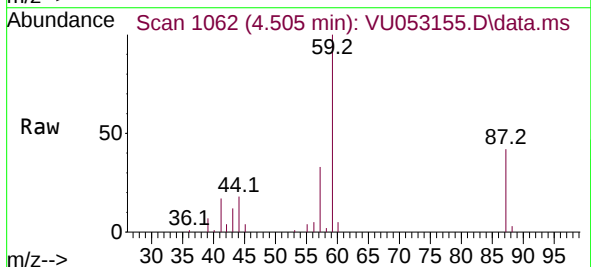
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

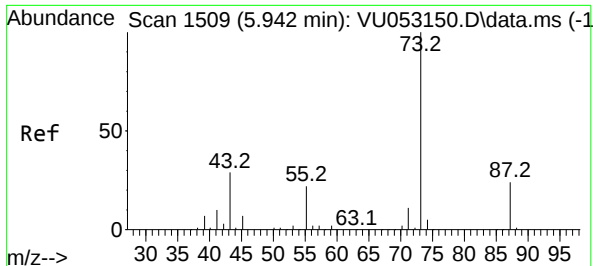
Tgt Ion: 45 Resp: 40065
Ion Ratio Lower Upper
45 100
43 47.9 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 1.789 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 59 Resp: 38067
Ion Ratio Lower Upper
59 100
87 40.8 32.5 48.7

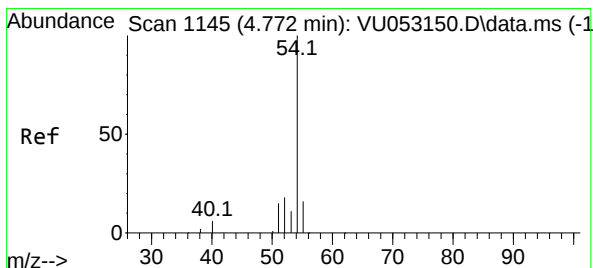
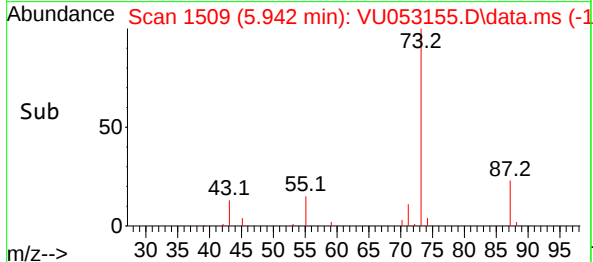
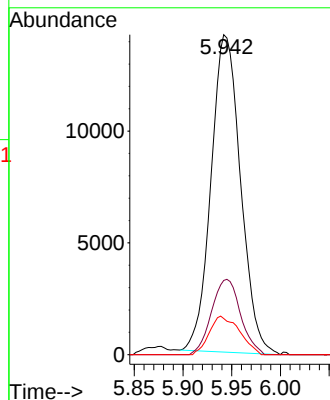
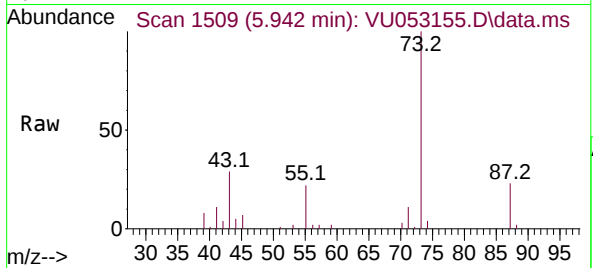




#33
Tert-Amyl methyl ether
Concen: 1.772 ug/l
RT: 5.942 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

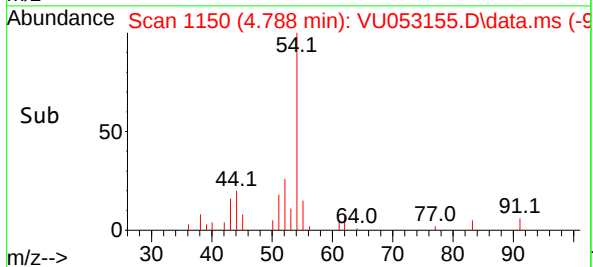
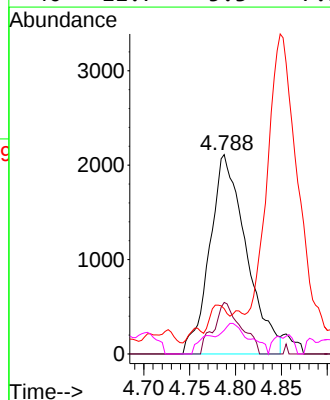
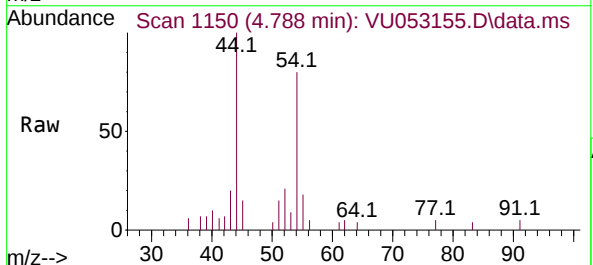
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

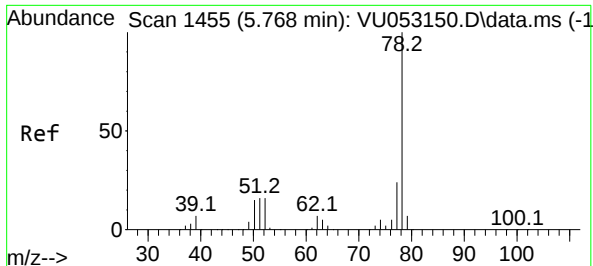
Tgt Ion: 73	Resp: 29933
Ion Ratio	Lower Upper
73	100
87	23.3 19.0 28.4
71	12.5 9.2 13.8



#34
Propionitrile
Concen: 9.763 ug/l
RT: 4.788 min Scan# 1150
Delta R.T. 0.016 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 54	Resp: 5841
Ion Ratio	Lower Upper
54	100
52	19.2 16.5 24.7
55	6.6 11.4 17.2#
40	11.7 5.3 7.9#





#35

Benzene

Concen: 1.860 ug/l

RT: 5.771 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

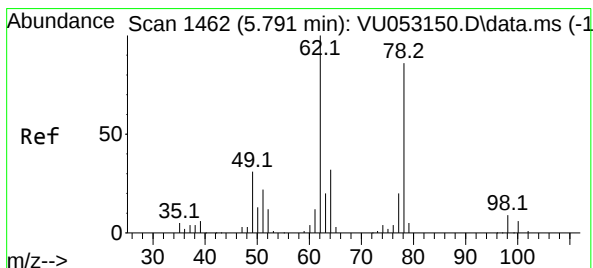
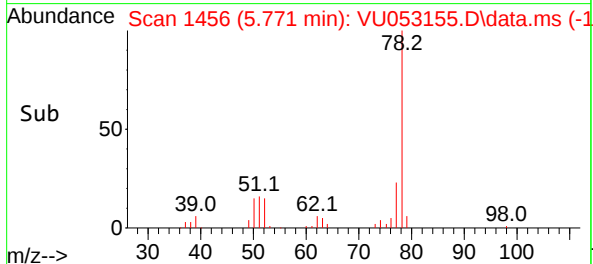
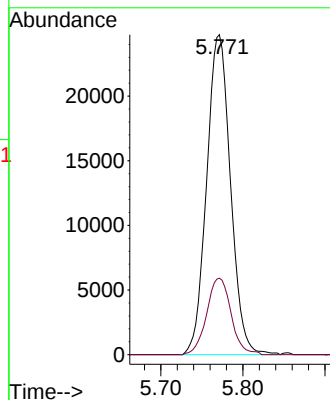
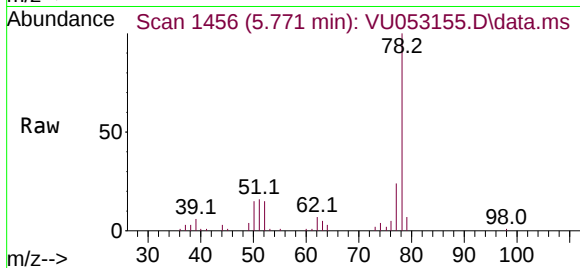
VU0227WBSD01

Tgt Ion: 78 Resp: 50122

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3



#36

1,2-Dichloroethane

Concen: 1.786 ug/l

RT: 5.791 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VU053155.D

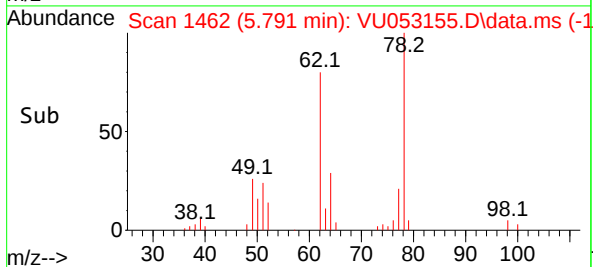
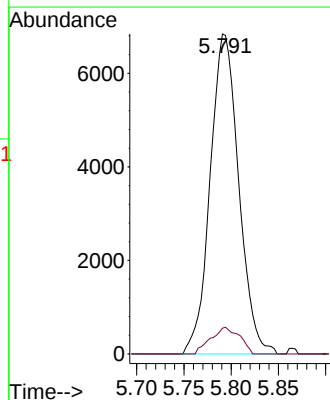
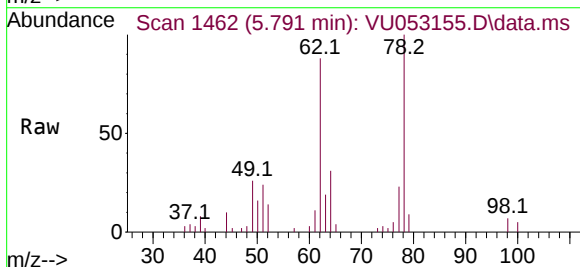
Acq: 27 Feb 2023 16:16

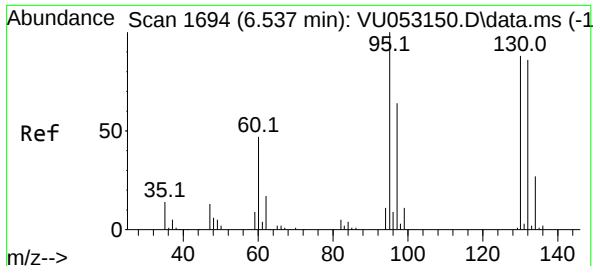
Tgt Ion: 62 Resp: 14386

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4





#37

Trichloroethene

Concen: 1.957 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

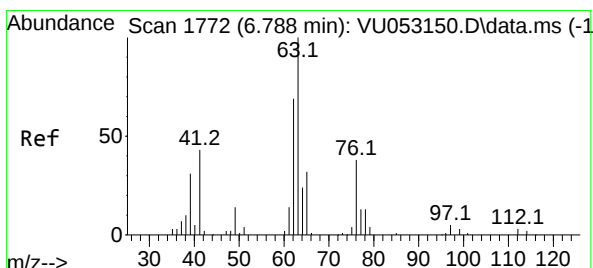
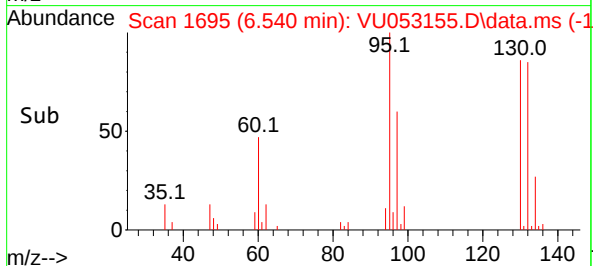
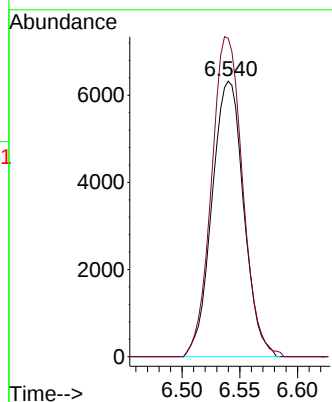
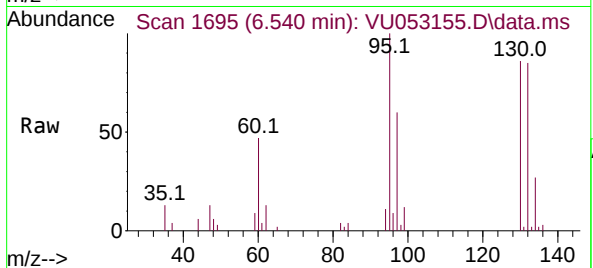
VU0227WBSD01

Tgt Ion:130 Resp: 12099

Ion Ratio Lower Upper

130 100

95 115.6 91.1 136.7



#38

1,2-Dichloropropane

Concen: 1.884 ug/l

RT: 6.787 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VU053155.D

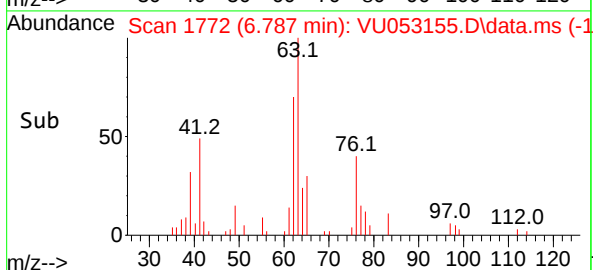
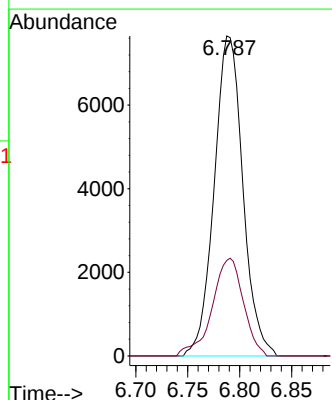
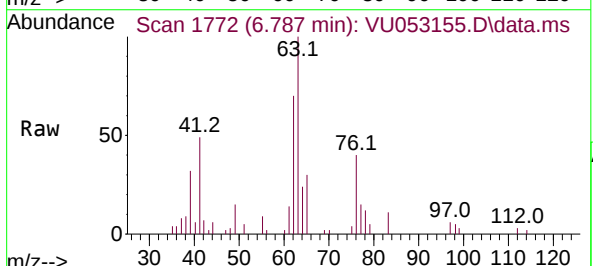
Acq: 27 Feb 2023 16:16

Tgt Ion: 63 Resp: 14677

Ion Ratio Lower Upper

63 100

65 29.8 25.5 38.3





#39

Methacrylonitrile

Concen: 1.746 ug/l

RT: 4.974 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053155.D

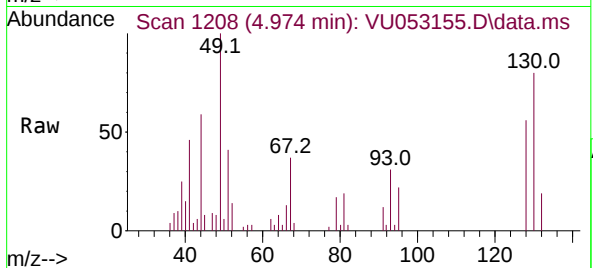
Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01



Tgt Ion: 41 Resp: 4455

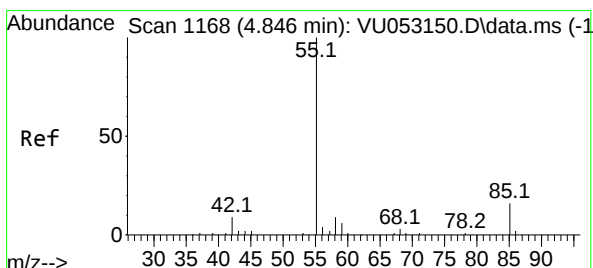
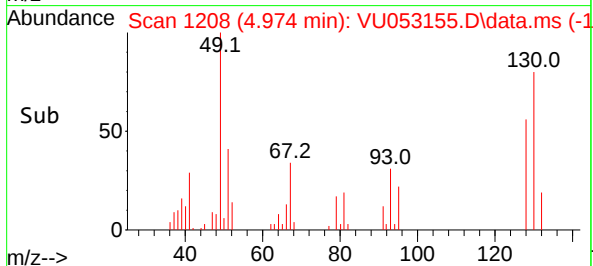
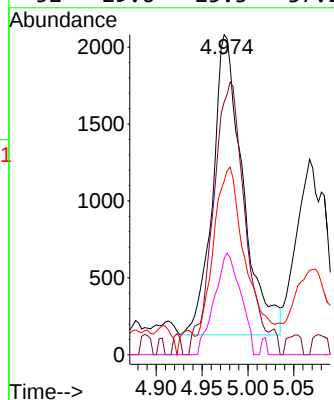
Ion Ratio Lower Upper

41 100

67 94.7 67.1 100.7

39 65.3 42.6 64.0#

52 29.6 25.3 37.9



#40

Methyl acrylate

Concen: 1.831 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion: 55 Resp: 7224

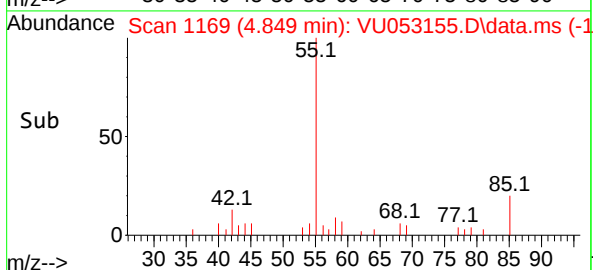
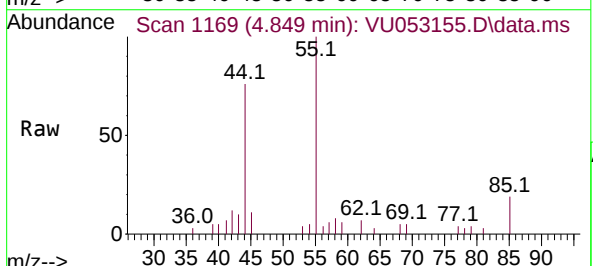
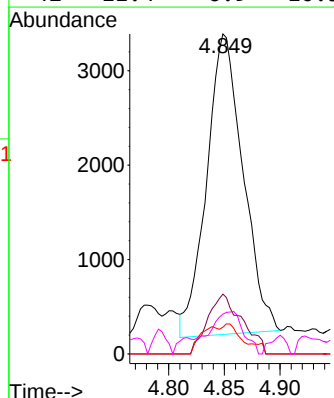
Ion Ratio Lower Upper

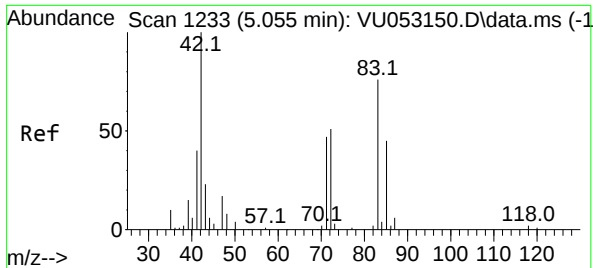
55 100

85 18.8 13.5 20.3

58 4.9 7.3 10.9#

42 11.4 6.9 10.3#

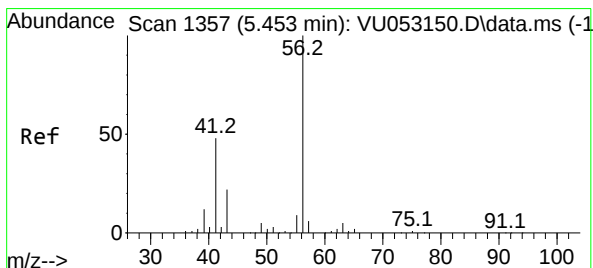
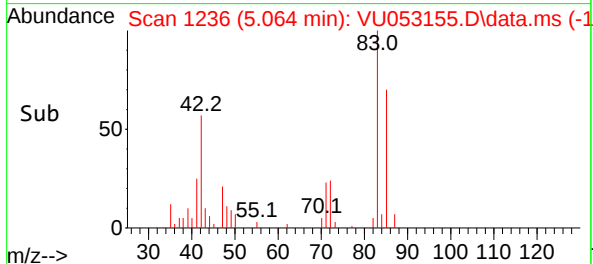
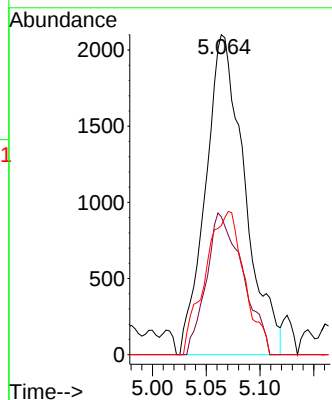
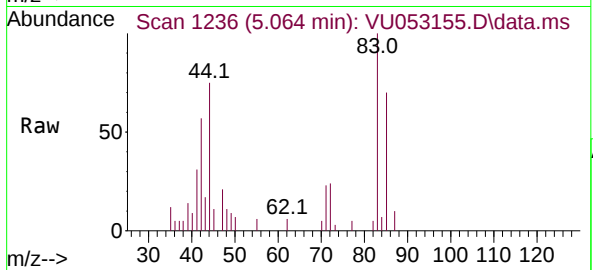




#41
Tetrahydrofuran
Concen: 4.246 ug/l
RT: 5.064 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

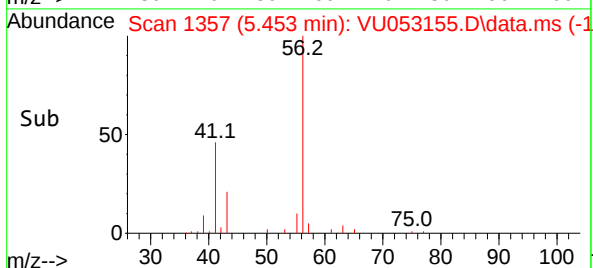
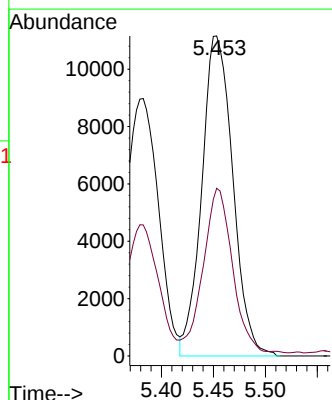
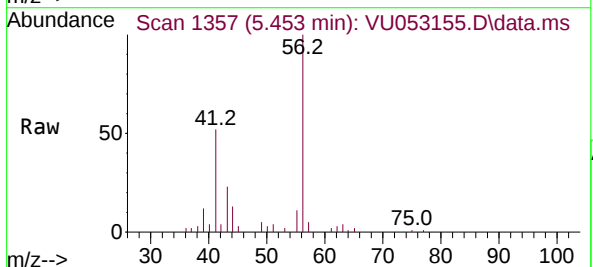
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

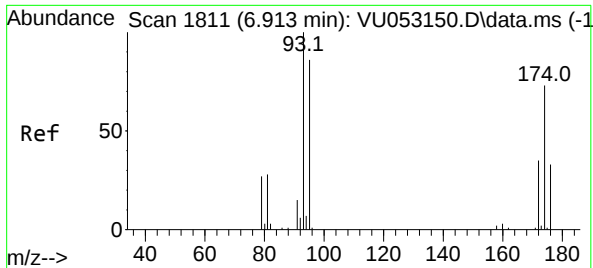
Tgt Ion: 42 Resp: 5313
Ion Ratio Lower Upper
42 100
72 41.4 41.6 62.4#
71 44.9 37.9 56.9



#42
1-Chlorobutane
Concen: 1.826 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 56 Resp: 23209
Ion Ratio Lower Upper
56 100
41 47.2 23.7 71.1

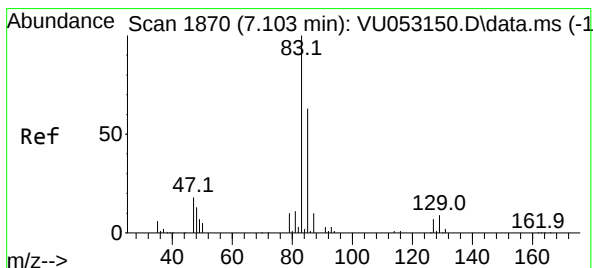
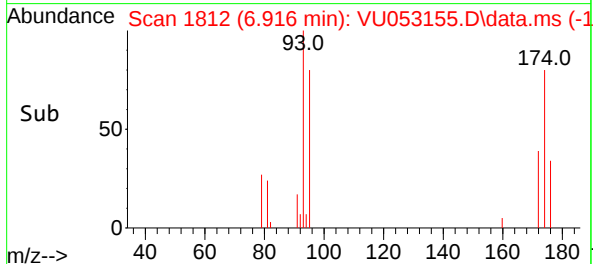
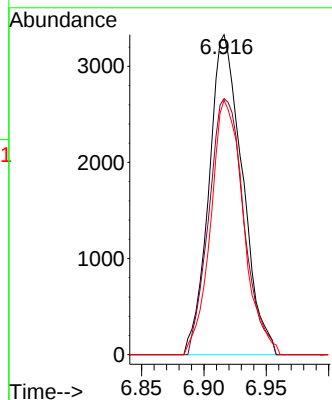
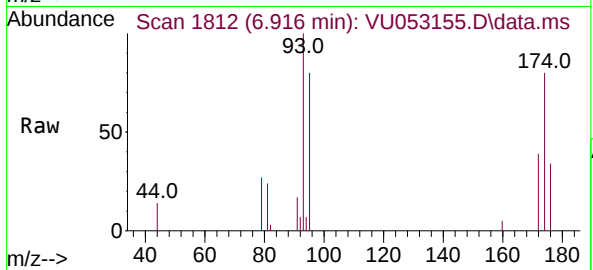




#43
Dibromomethane
Concen: 1.797 ug/l
RT: 6.916 min Scan# 1811
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

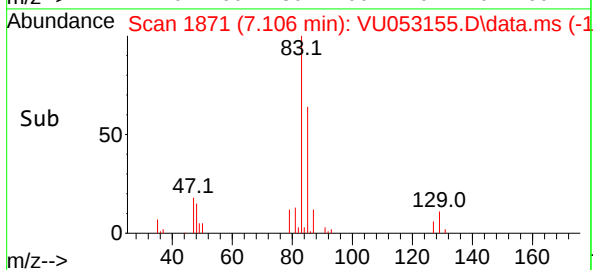
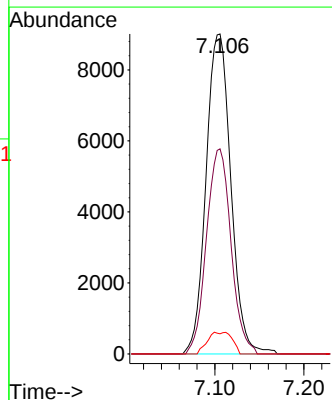
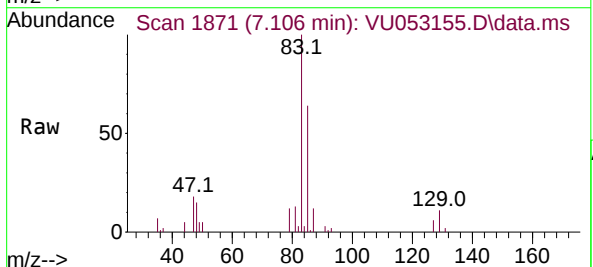
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

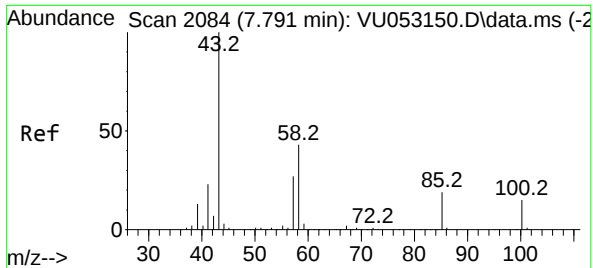
Tgt Ion: 93 Resp: 6205
Ion Ratio Lower Upper
93 100
95 83.5 66.5 99.7
174 78.1 58.2 87.4



#44
Bromodichloromethane
Concen: 1.846 ug/l
RT: 7.106 min Scan# 1871
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 83 Resp: 17441
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 6.3 5.8 8.8

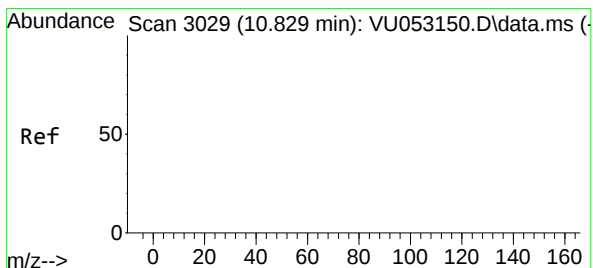
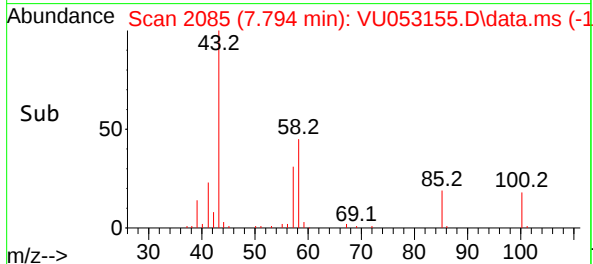
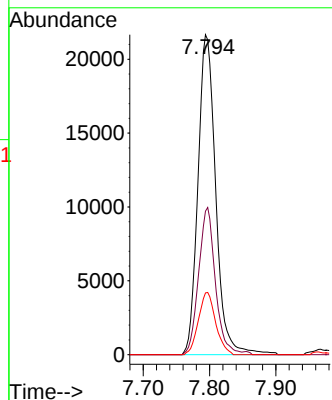
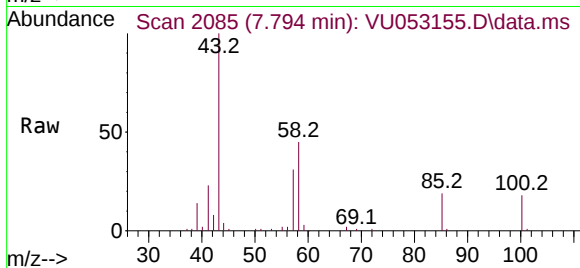




#45
4-Methyl-2-Pentanone
Concen: 9.560 ug/l
RT: 7.794 min Scan# 2084
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

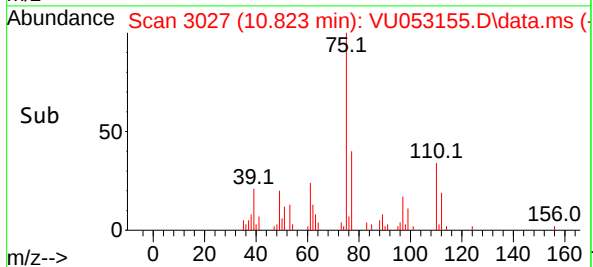
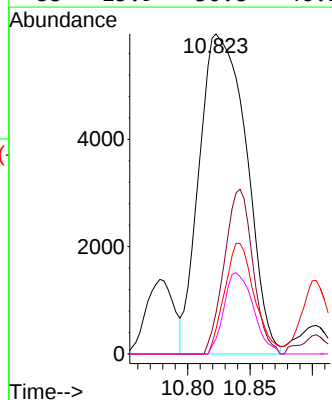
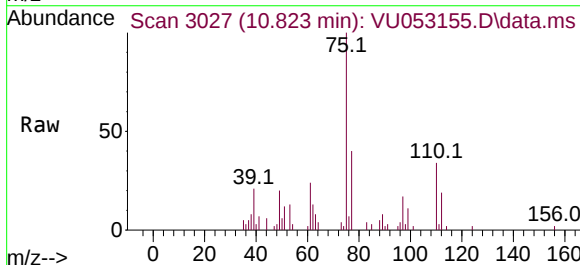
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

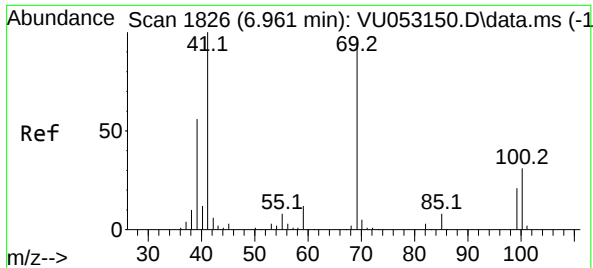
Tgt Ion:	43	Resp:	40306
Ion	Ratio	Lower	Upper
43	100		
58	43.3	22.0	66.0
85	18.9	15.7	23.5



#46
t-1,4-Dichloro-2-butene
Concen: 7.358 ug/l
RT: 10.823 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:	75	Resp:	15632
Ion	Ratio	Lower	Upper
75	100		
53	31.4	57.0	85.4#
89	22.1	43.1	64.7#
88	15.9	30.8	46.2#

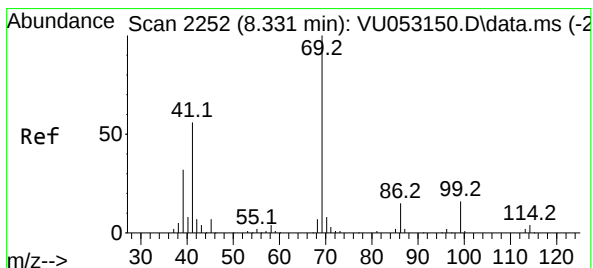
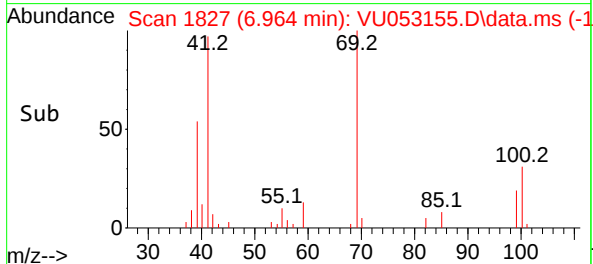
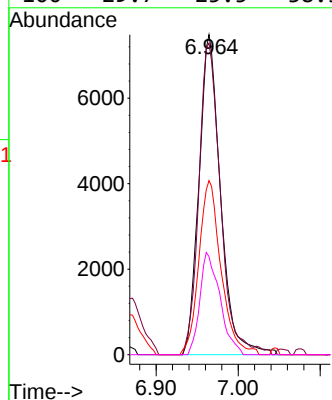
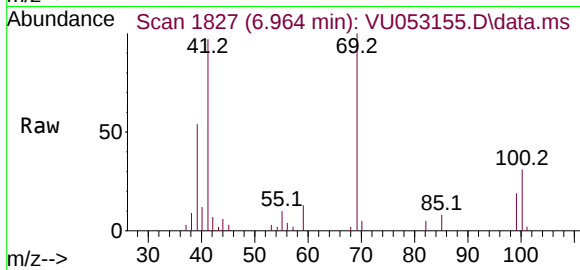




#47
Methyl methacrylate
Concen: 3.850 ug/l
RT: 6.964 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

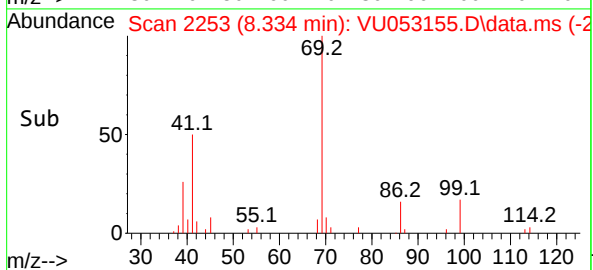
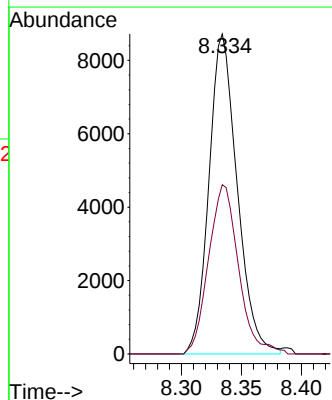
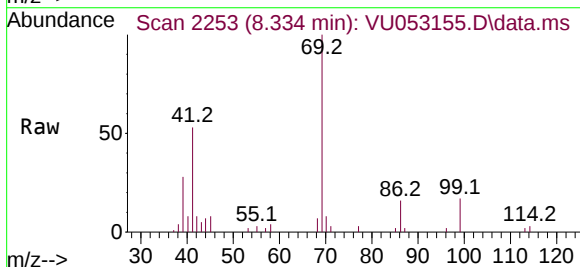
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

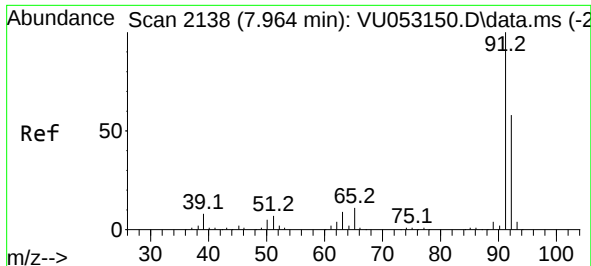
Tgt Ion:	69	Resp:	13683
Ion	Ratio	Lower	Upper
69	100		
41	96.4	0.0	201.0
39	55.9	47.1	70.7
100	29.7	25.5	38.3



#48
Ethyl methacrylate
Concen: 1.954 ug/l
RT: 8.334 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:	69	Resp:	14249
Ion	Ratio	Lower	Upper
69	100		
41	56.2	28.2	84.6





#49

Toluene

Concen: 1.870 ug/l

RT: 7.967 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

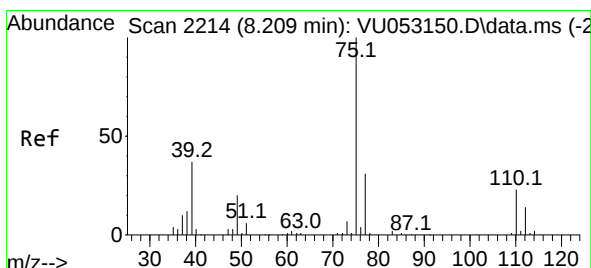
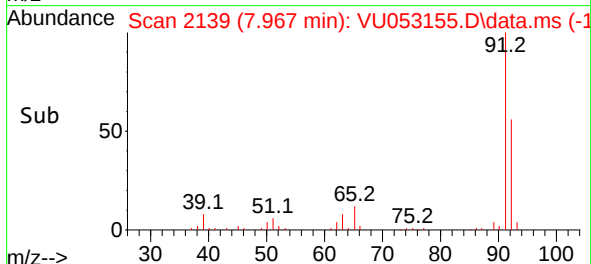
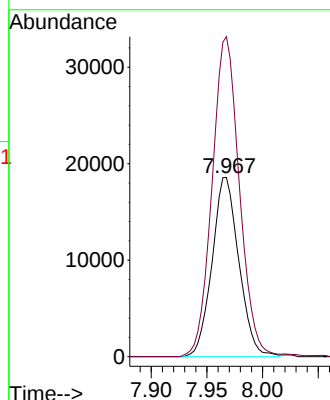
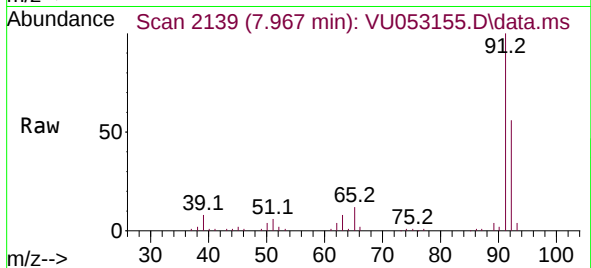
VU0227WBSD01

Tgt Ion: 92 Resp: 31029

Ion Ratio Lower Upper

92 100

91 182.0 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 1.910 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053155.D

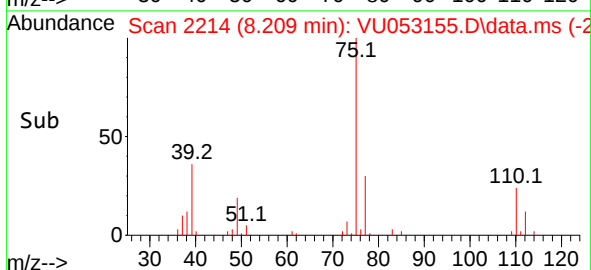
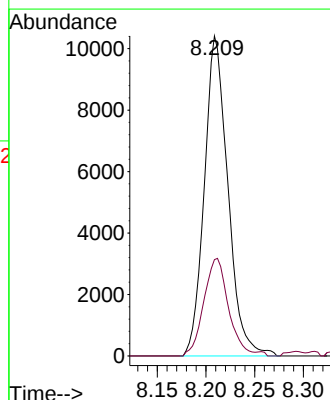
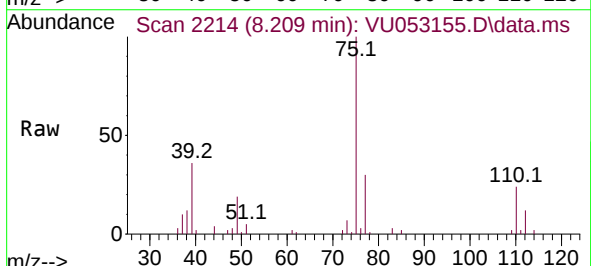
Acq: 27 Feb 2023 16:16

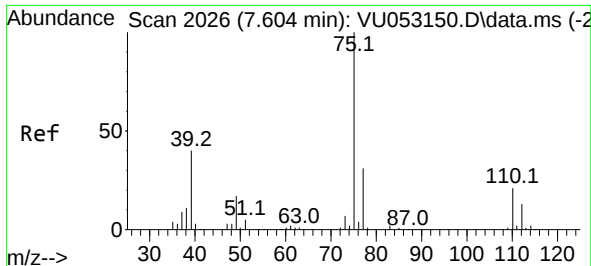
Tgt Ion: 75 Resp: 17523

Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

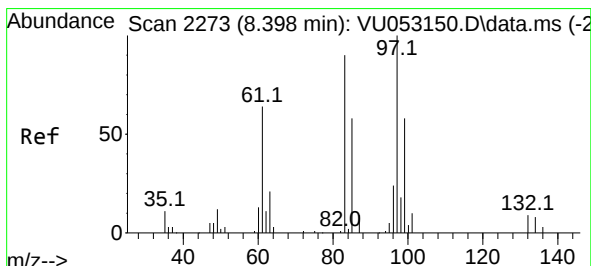
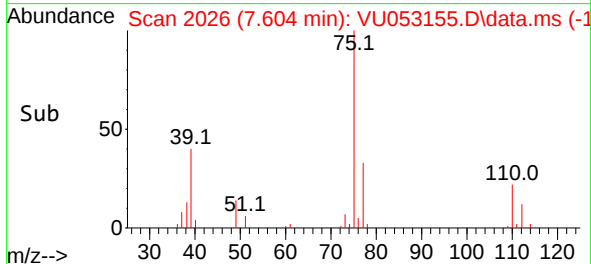
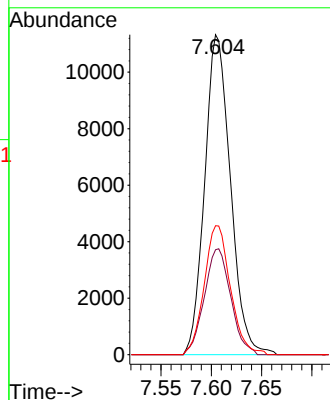
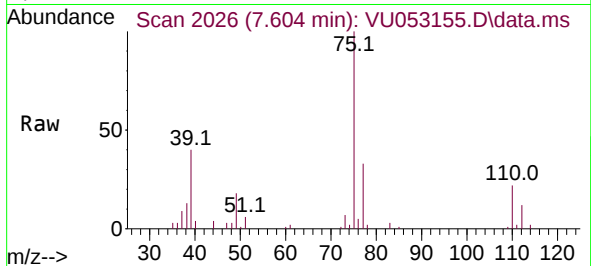




#51
 cis-1,3-Dichloropropene
 Concen: 1.813 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

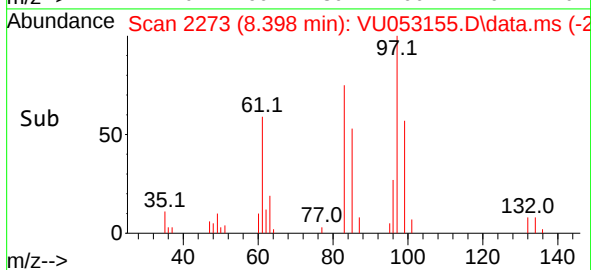
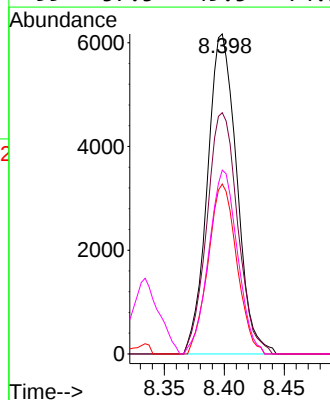
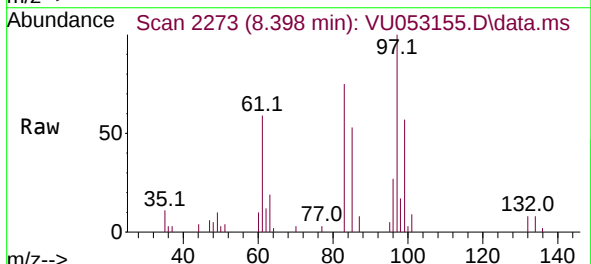
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

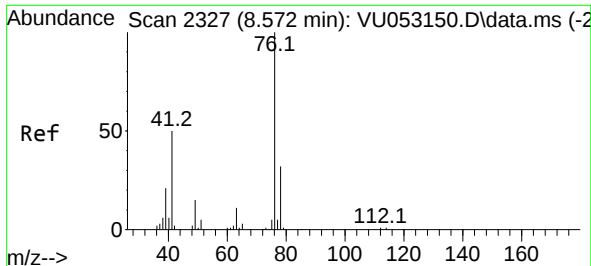
Tgt Ion:	75	Resp:	20159
Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.9	37.3
39	40.3	32.2	48.2



#52
 1,1,2-Trichloroethane
 Concen: 2.068 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

Tgt Ion:	97	Resp:	10491
Ion	Ratio	Lower	Upper
97	100		
83	75.4	71.9	107.9
85	53.1	46.5	69.7
99	57.5	49.5	74.3





#53

1,3-Dichloropropane

Concen: 1.885 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

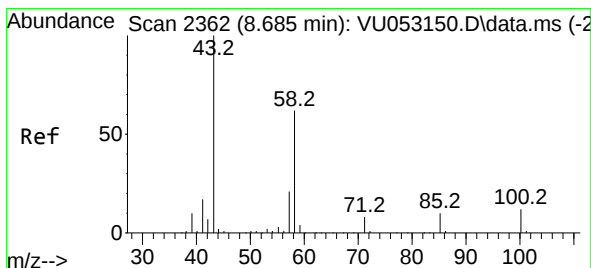
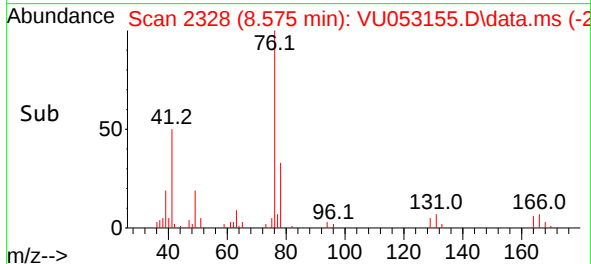
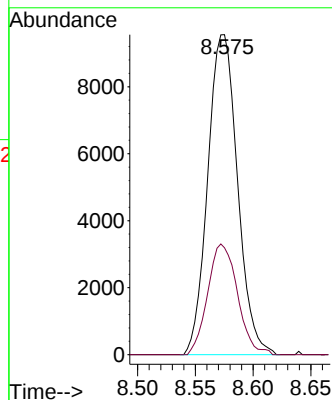
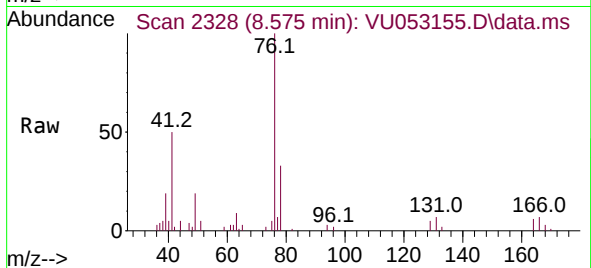
VU0227WBSD01

Tgt Ion: 76 Resp: 17144

Ion Ratio Lower Upper

76 100

78 34.5 25.9 38.9



#54

2-Hexanone

Concen: 8.910 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

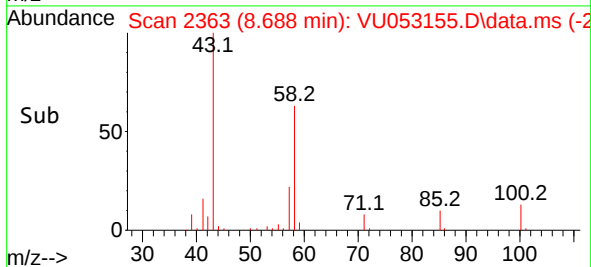
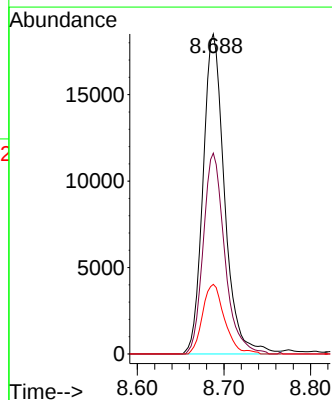
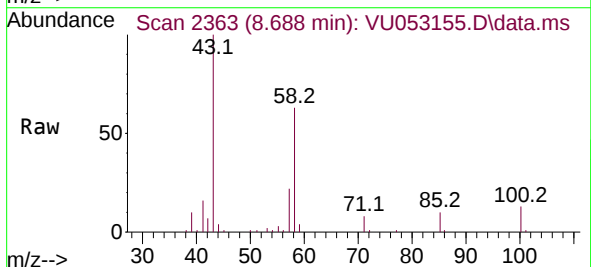
Tgt Ion: 43 Resp: 32007

Ion Ratio Lower Upper

43 100

58 62.6 42.0 82.0

57 22.2 1.2 41.2

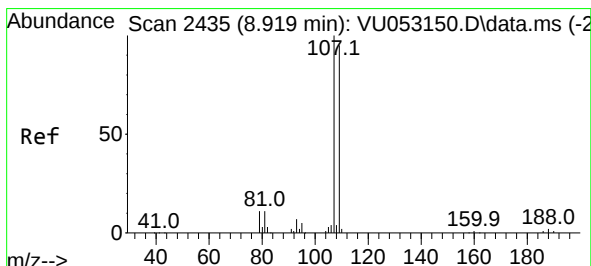
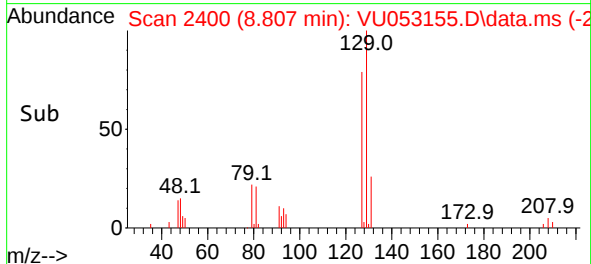
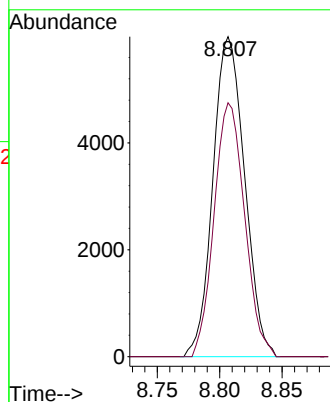
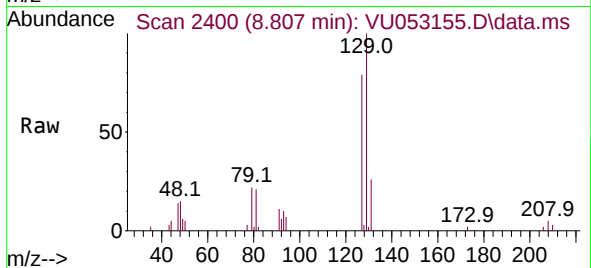




#55
Dibromochloromethane
Concen: 1.832 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

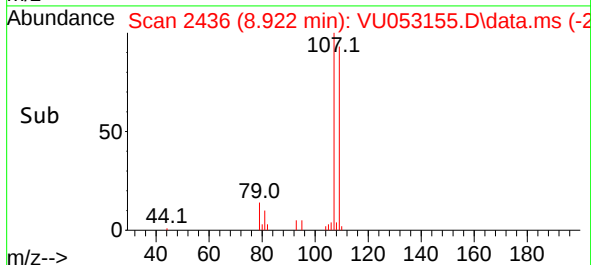
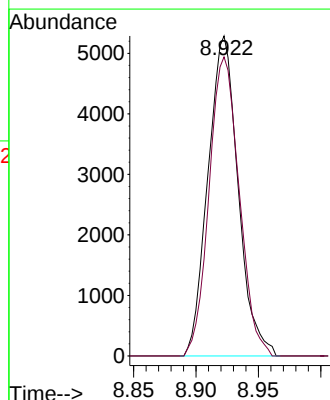
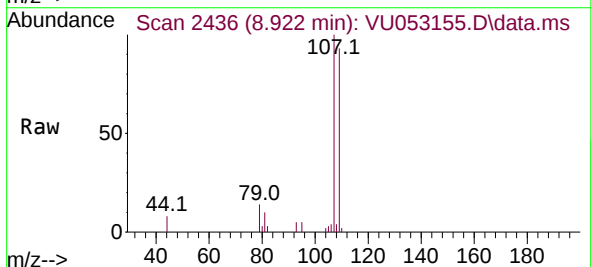
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

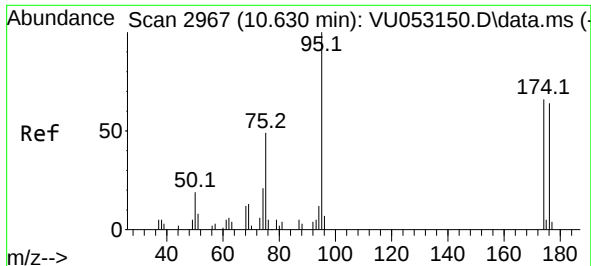
Tgt Ion:129 Resp: 10602
Ion Ratio Lower Upper
129 100
127 76.4 61.1 91.7



#56
1,2-Dibromoethane
Concen: 1.976 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:107 Resp: 8902
Ion Ratio Lower Upper
107 100
109 93.2 0.0 186.2

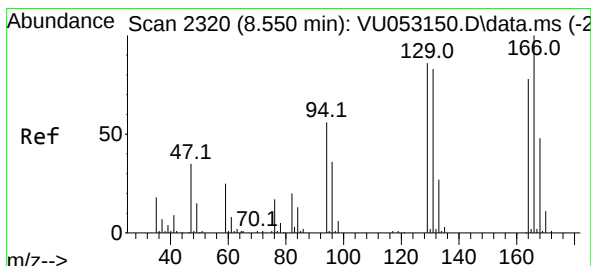
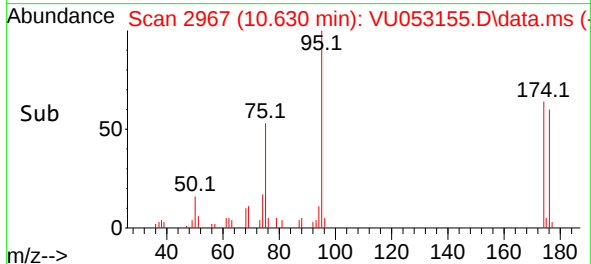
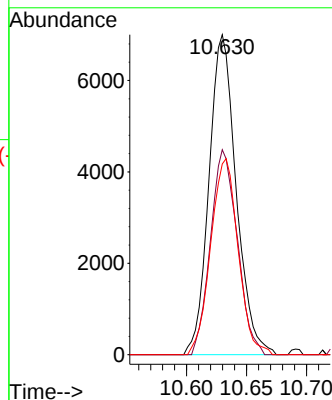
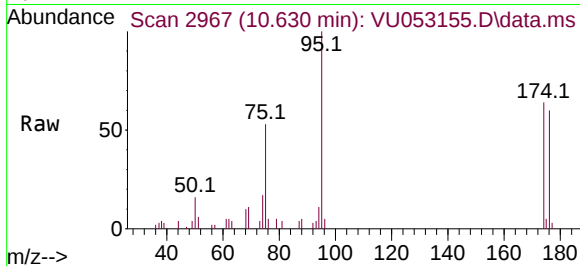




#57
4-Bromofluorobenzene
Concen: 0.974 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

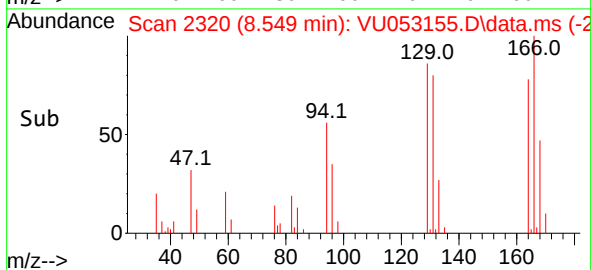
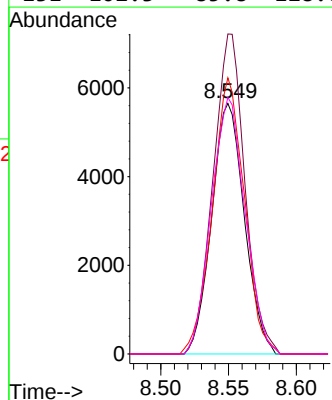
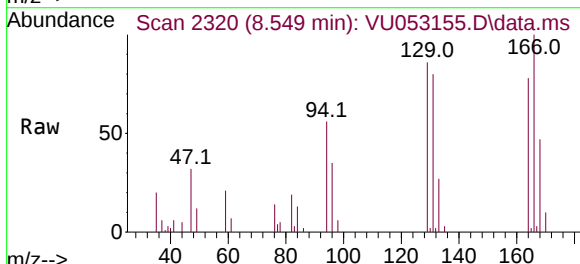
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

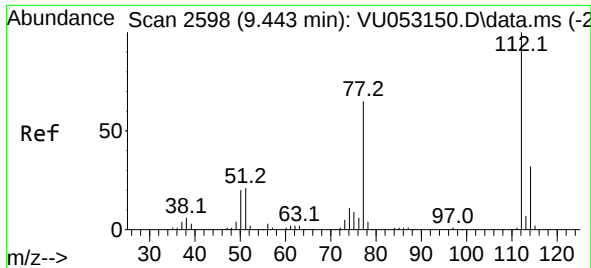
Tgt Ion: 95 Resp: 11048
Ion Ratio Lower Upper
95 100
174 63.0 50.7 76.1
176 61.6 47.8 71.6



#58
Tetrachloroethene
Concen: 1.922 ug/l
RT: 8.549 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 164 Resp: 9475
Ion Ratio Lower Upper
164 100
166 127.7 103.2 154.8
129 110.2 88.8 133.2
131 102.3 85.8 128.6

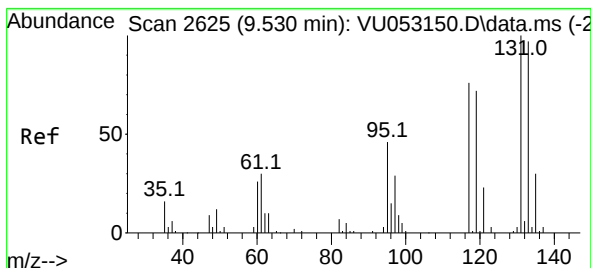
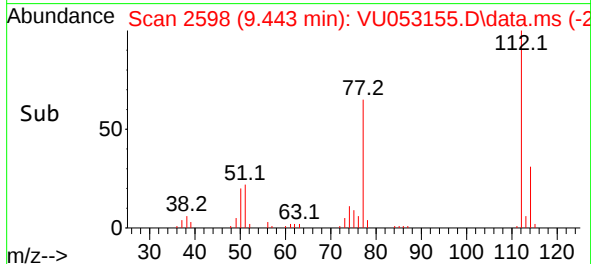
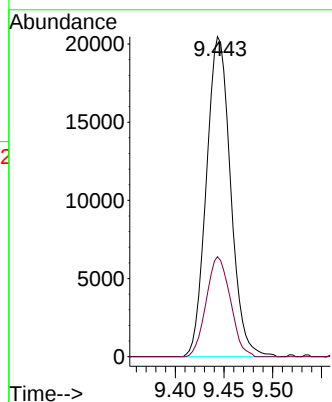
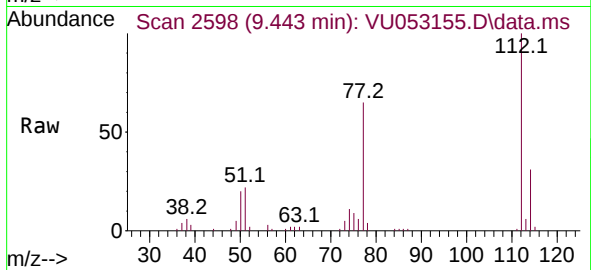




#59
Chlorobenzene
Concen: 1.906 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

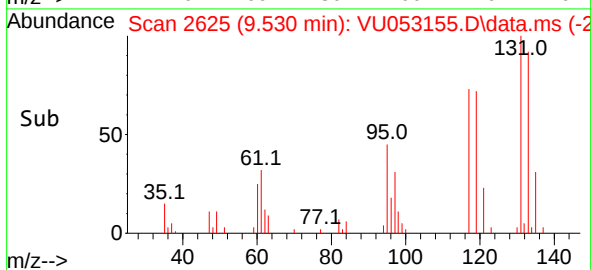
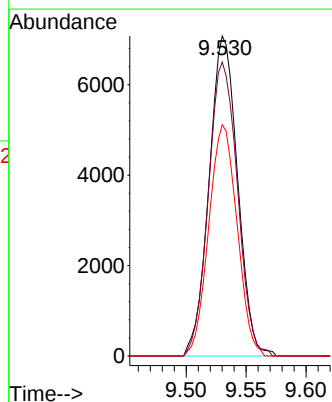
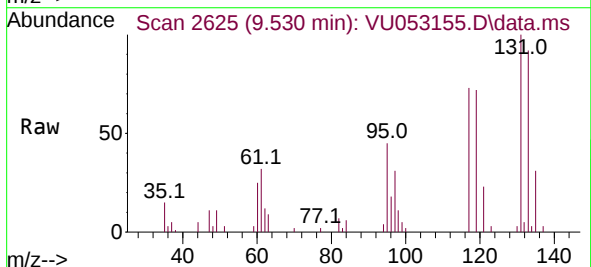
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

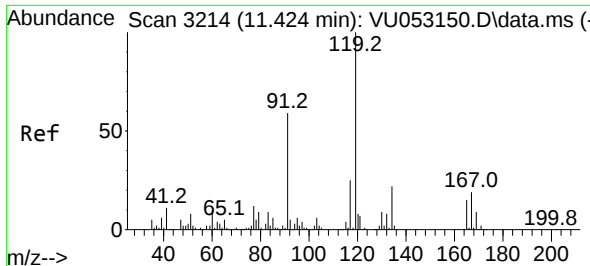
Tgt Ion:112 Resp: 35353
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 1.906 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:131 Resp: 11679
Ion Ratio Lower Upper
131 100
133 93.7 76.7 115.1
119 71.7 57.6 86.4

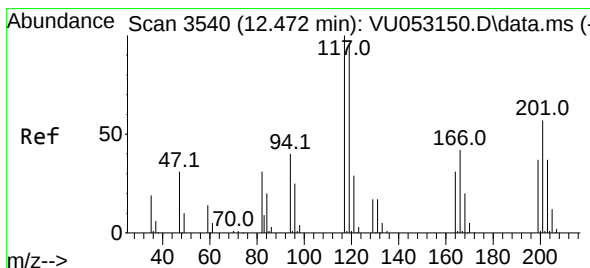
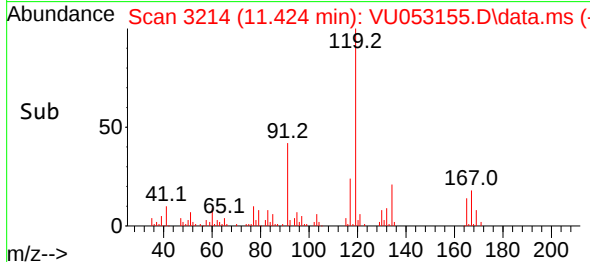
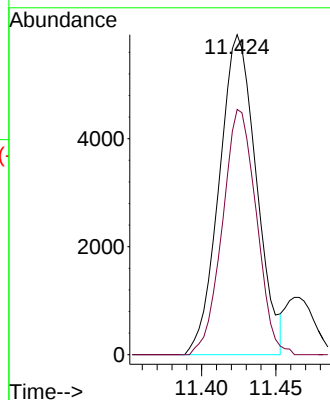
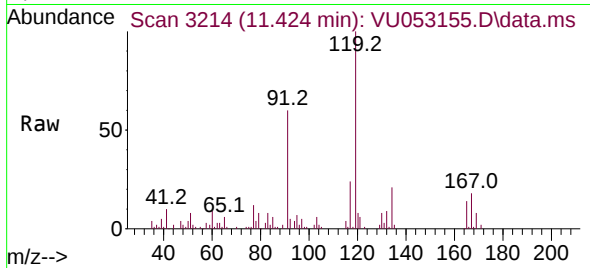




#61
 Pentachloroethane
 Concen: 1.936 ug/l
 RT: 11.424 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

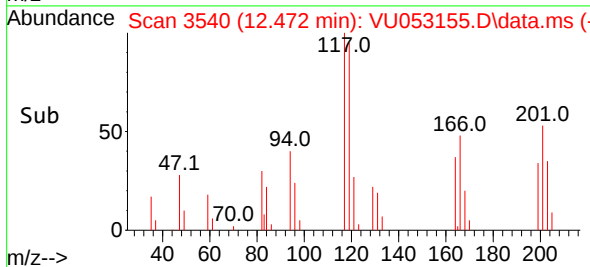
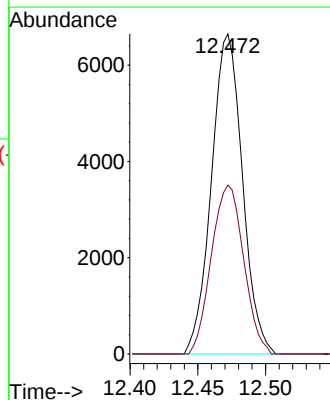
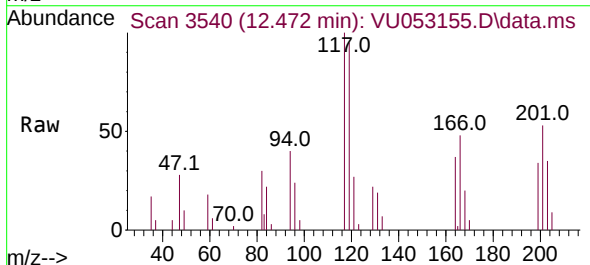
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

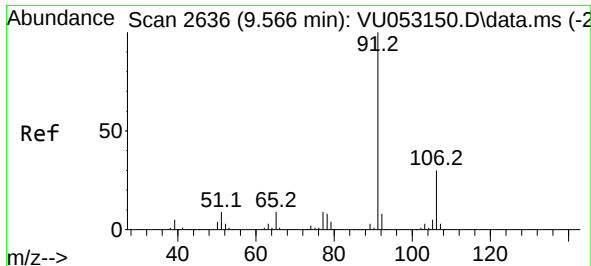
Tgt Ion:117 Resp: 10310
 Ion Ratio Lower Upper
 117 100
 167 70.0 57.5 86.3



#62
 Hexachloroethane
 Concen: 1.800 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

Tgt Ion:117 Resp: 10566
 Ion Ratio Lower Upper
 117 100
 201 54.9 46.7 70.1

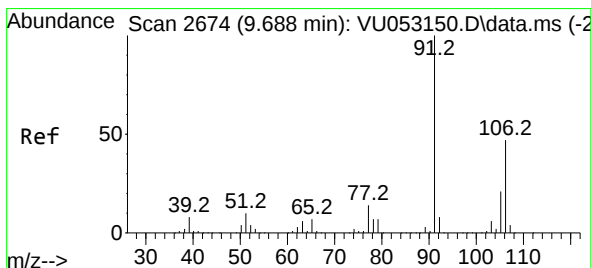
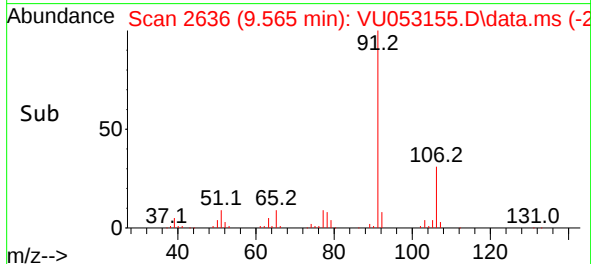
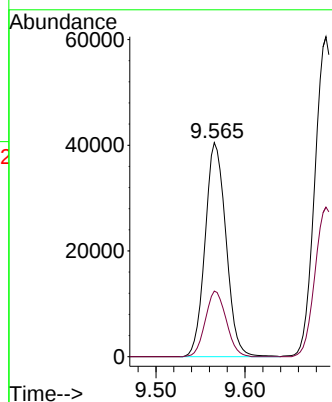
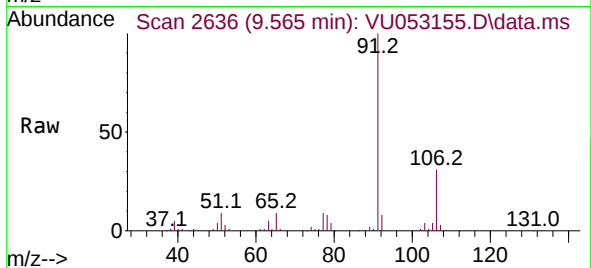




#63
Ethyl Benzene
Concen: 1.923 ug/l
RT: 9.565 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

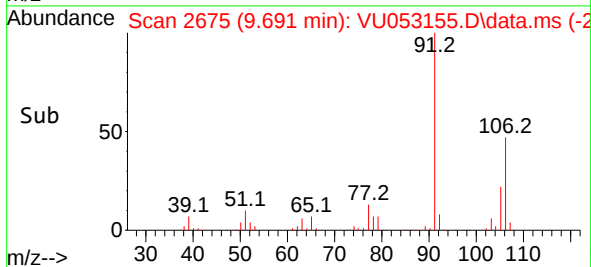
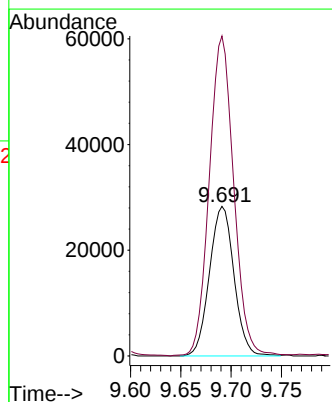
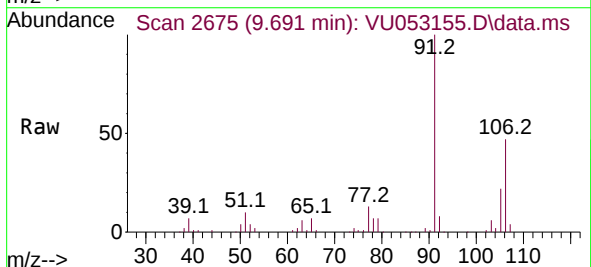
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

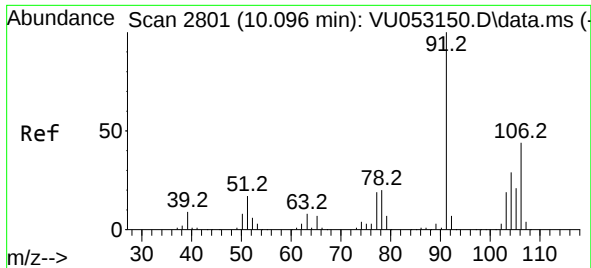
Tgt Ion: 91 Resp: 65837
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#64
m/p-Xylenes
Concen: 3.864 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:106 Resp: 47986
Ion Ratio Lower Upper
106 100
91 213.6 170.7 256.1

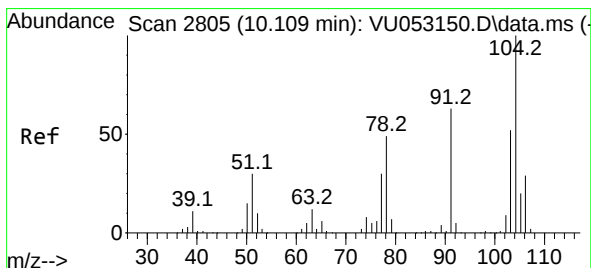
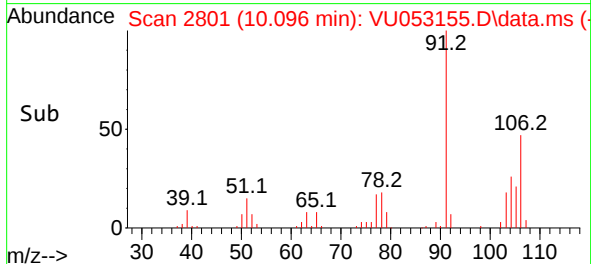
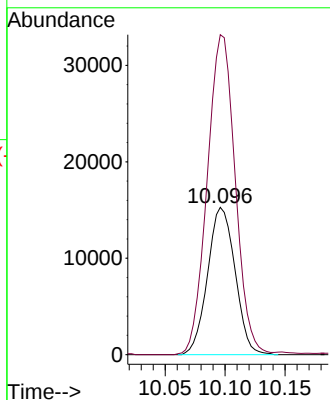
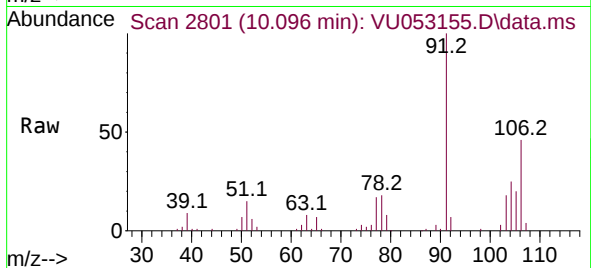




#65
o-Xylene
Concen: 1.920 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

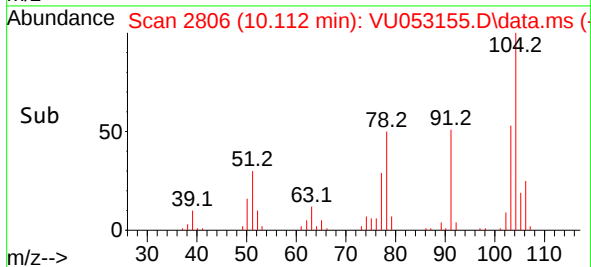
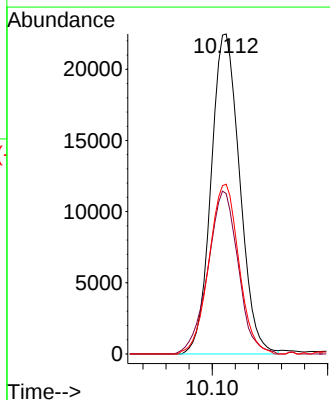
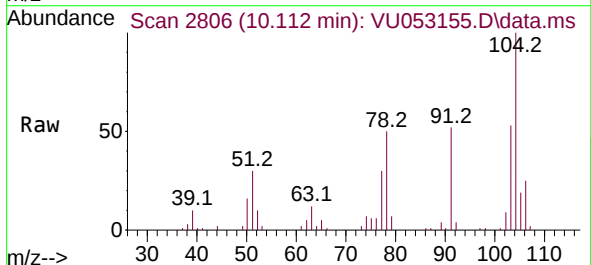
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

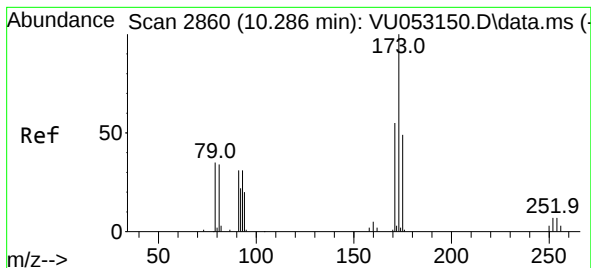
Tgt Ion:106 Resp: 24347
Ion Ratio Lower Upper
106 100
91 221.3 112.8 338.4



#66
Styrene
Concen: 1.924 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:104 Resp: 38683
Ion Ratio Lower Upper
104 100
78 53.7 43.3 64.9
103 55.5 45.2 67.8





#67

Bromoform

Concen: 1.782 ug/l

RT: 10.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

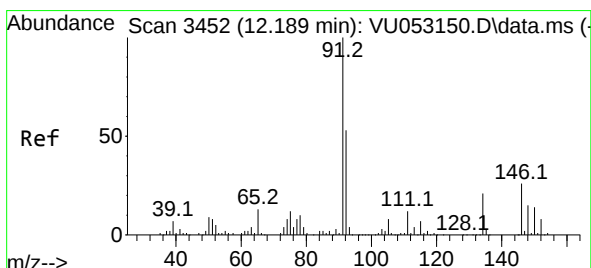
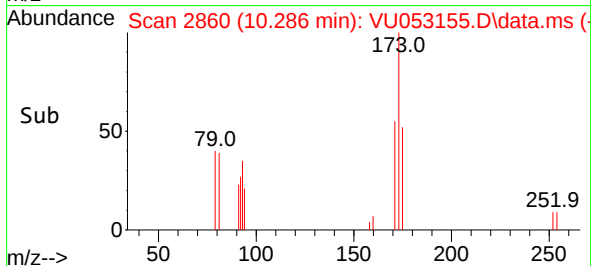
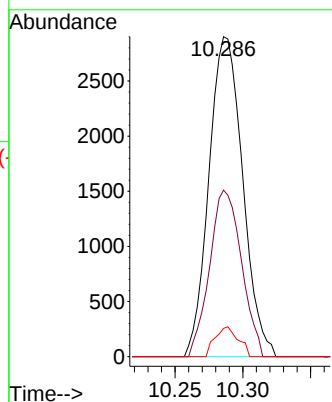
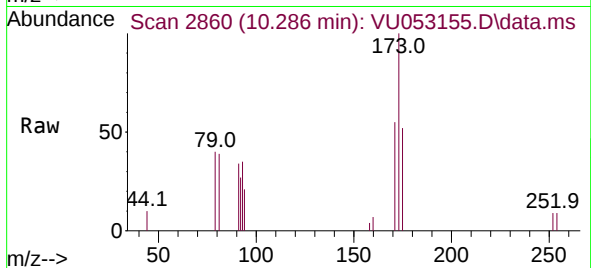
Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

Tgt Ion:	173	Resp:	5016
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.7	58.1
254	6.4	5.8	8.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.066 ug/l

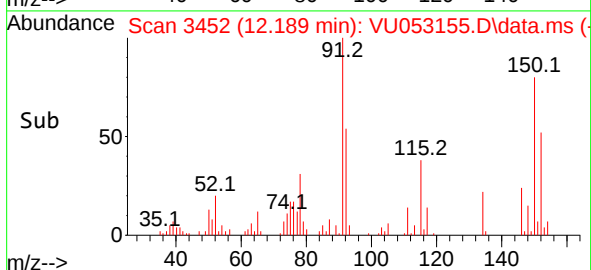
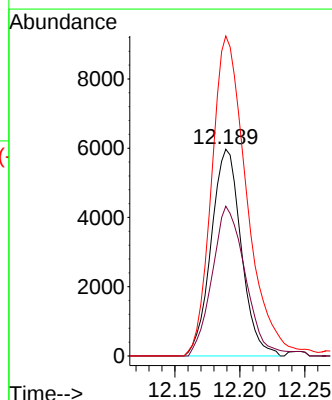
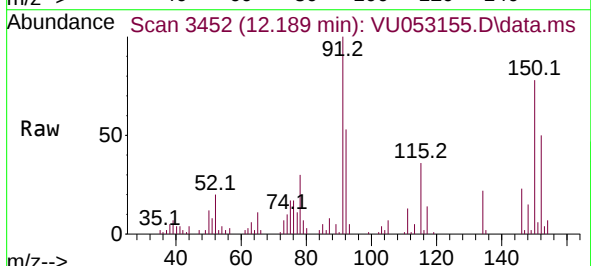
RT: 12.189 min Scan# 3452

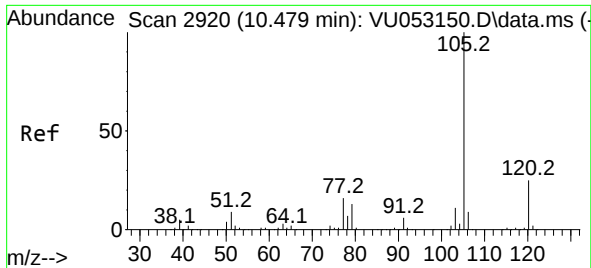
Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Tgt Ion:	152	Resp:	9589
Ion	Ratio	Lower	Upper
152	100		
115	80.9	0.0	267.8
150	181.7	0.0	623.0





#69

Isopropylbenzene

Concen: 1.921 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

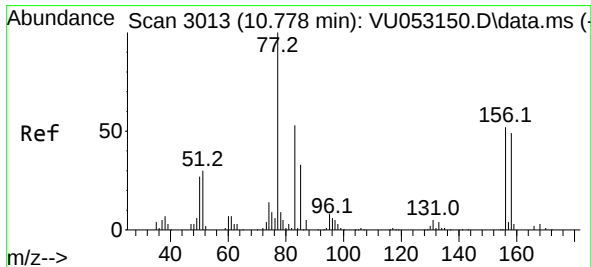
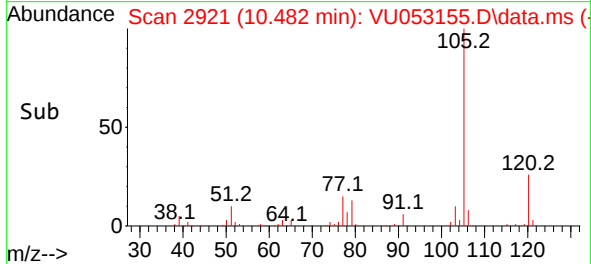
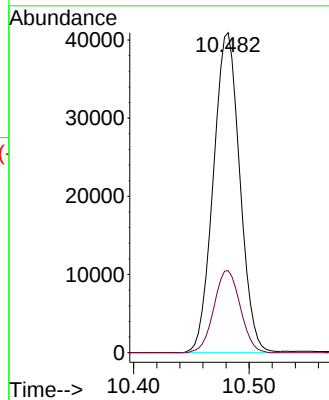
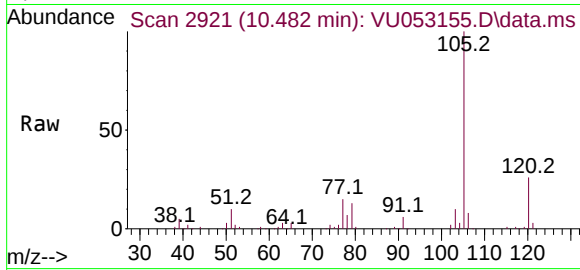
VU0227WBSD01

Tgt Ion:105 Resp: 65256

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.944 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

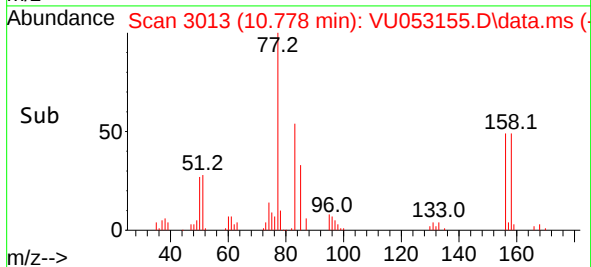
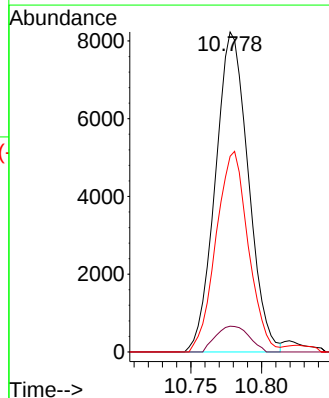
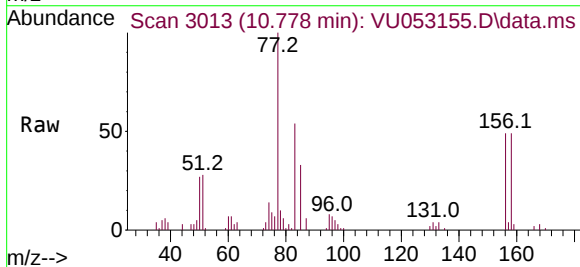
Tgt Ion: 83 Resp: 13291

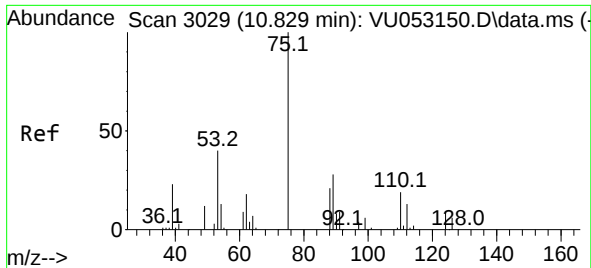
Ion Ratio Lower Upper

83 100

131 8.1 6.6 9.8

85 61.5 49.3 73.9

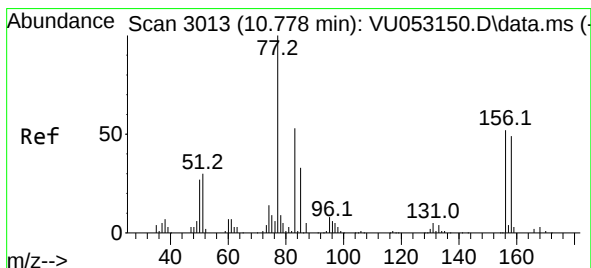
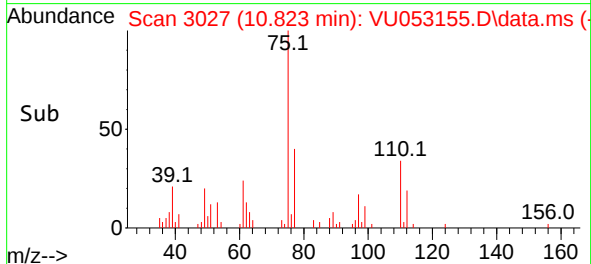
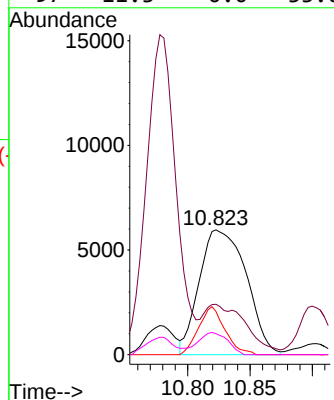
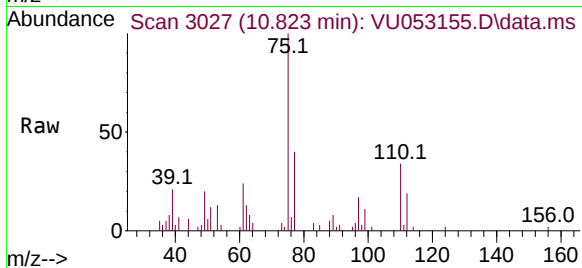




#71
1,2,3-Trichloropropane
Concen: 2.657 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.007 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

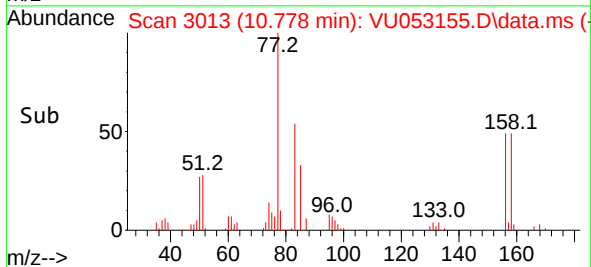
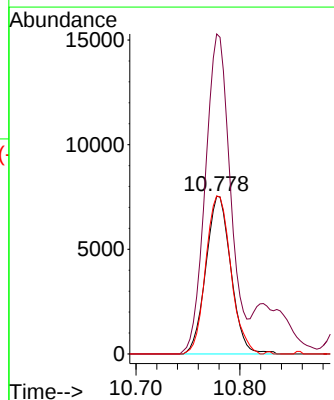
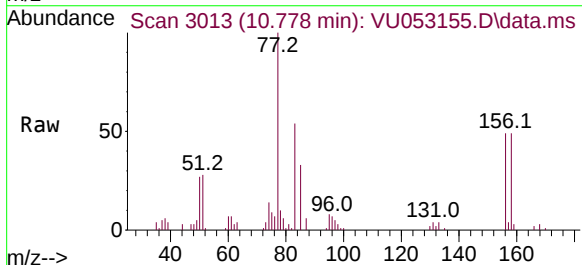
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

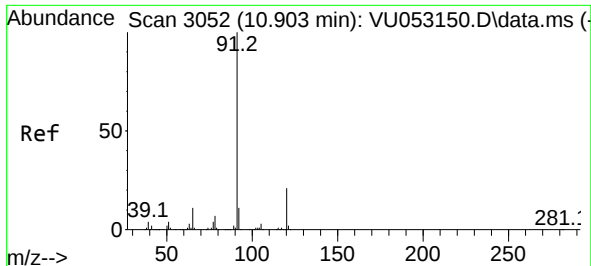
Tgt Ion: 75	Resp: 15632
Ion Ratio	Lower Upper
75 100	
77 34.0	0.0 98.2
110 21.6	0.0 57.0
97 11.3	0.0 33.6



#72
Bromobenzene
Concen: 1.911 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:156	Resp:	12594	
Ion	Ratio	Lower	Upper
156	100		
77	201.9	0.0	397.0
158	100.6	0.0	189.2

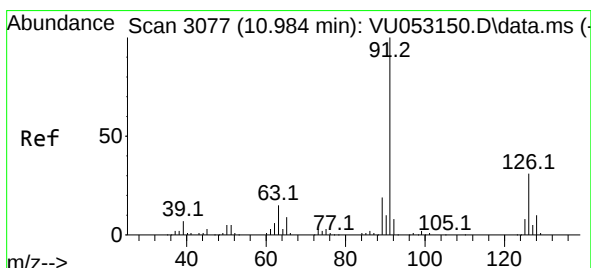
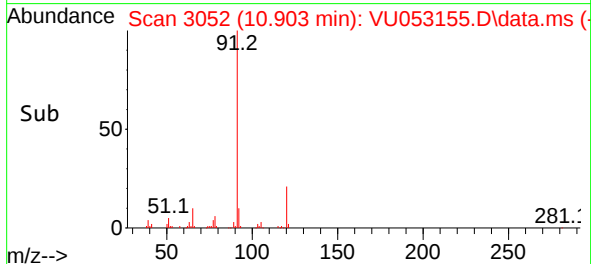
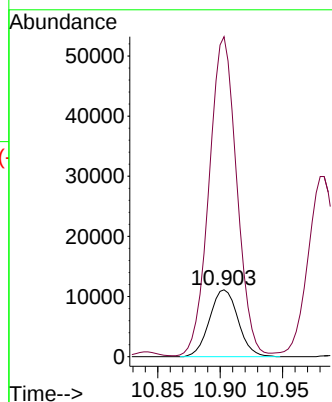
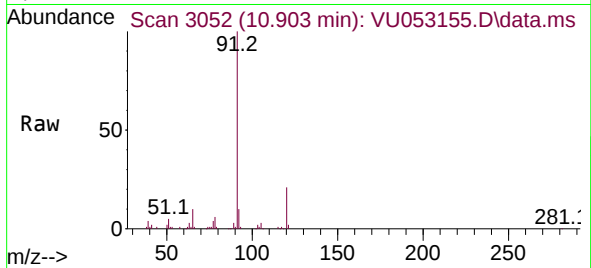




#73
n-propylbenzene
Concen: 1.968 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

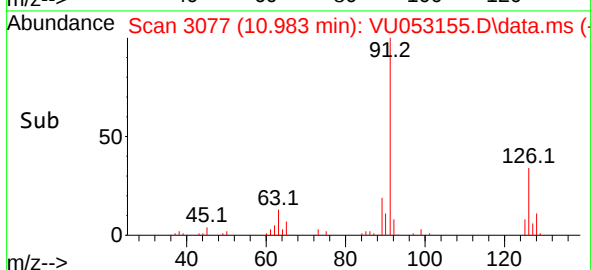
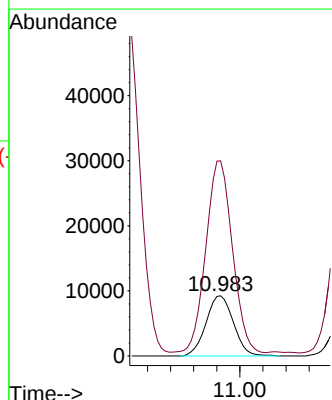
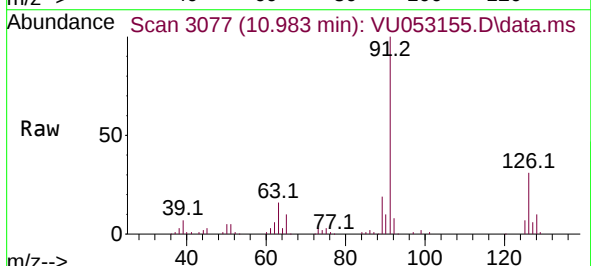
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

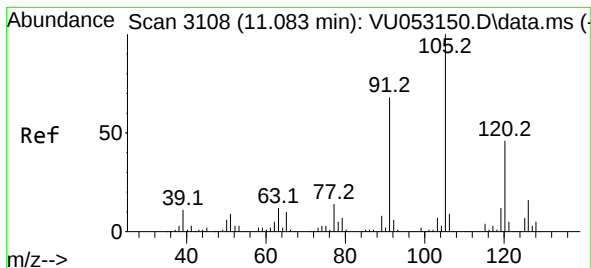
Tgt Ion:120 Resp: 17734
Ion Ratio Lower Upper
120 100
91 461.5 372.5 558.7



#74
2-Chlorotoluene
Concen: 2.040 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:126 Resp: 15222
Ion Ratio Lower Upper
126 100
91 311.3 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 1.908 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

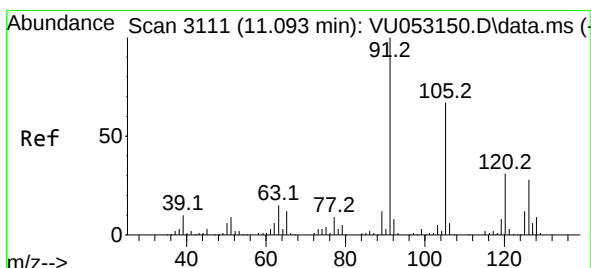
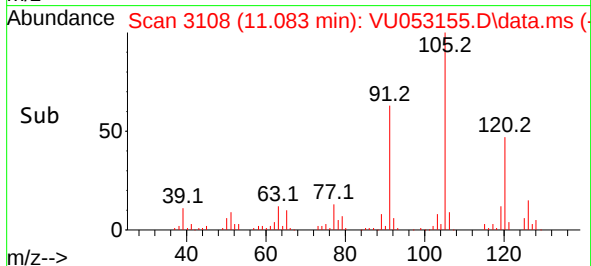
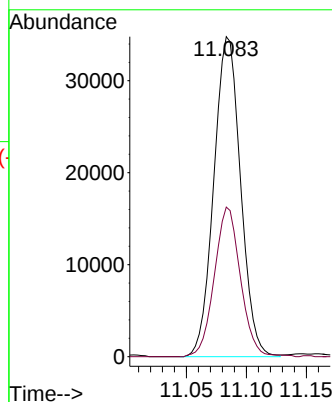
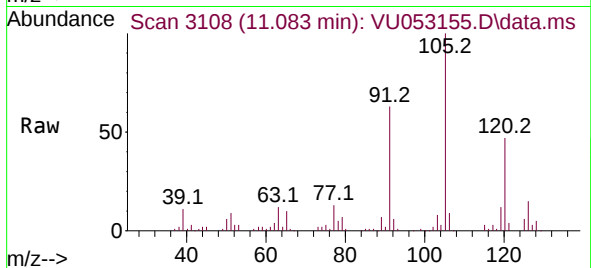
VU0227WBSD01

Tgt Ion:105 Resp: 53918

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7



#76

4-Chlorotoluene

Concen: 1.966 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053155.D

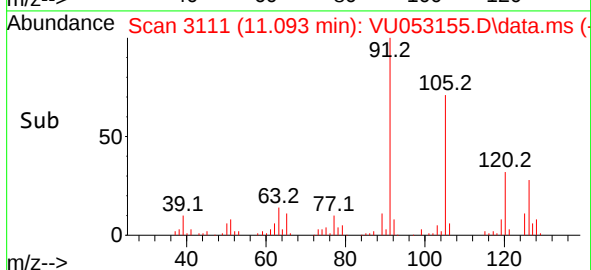
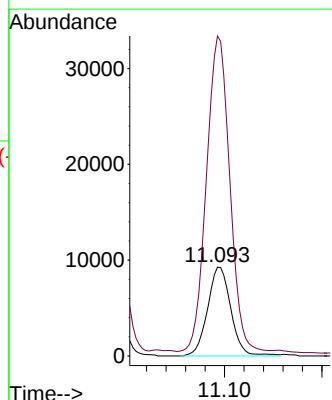
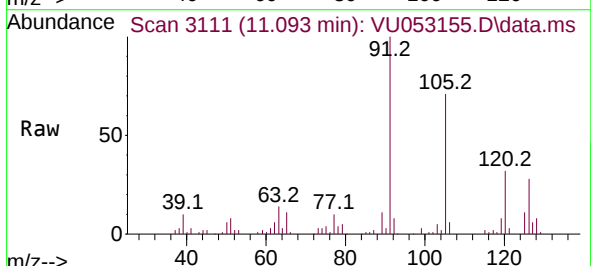
Acq: 27 Feb 2023 16:16

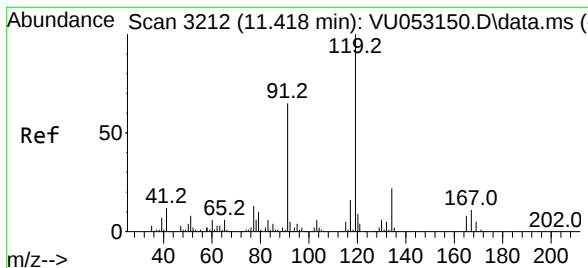
Tgt Ion:126 Resp: 15418

Ion Ratio Lower Upper

126 100

91 353.5 0.0 760.6





#77

tert-Butylbenzene

Concen: 1.883 ug/l

RT: 11.418 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

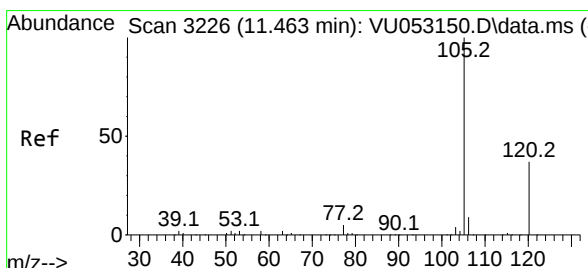
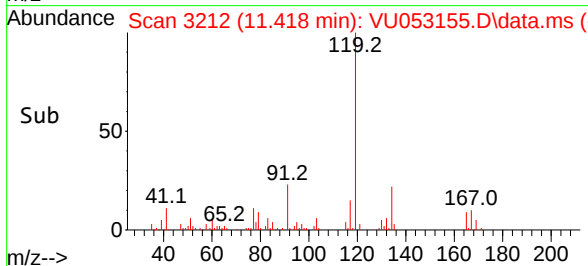
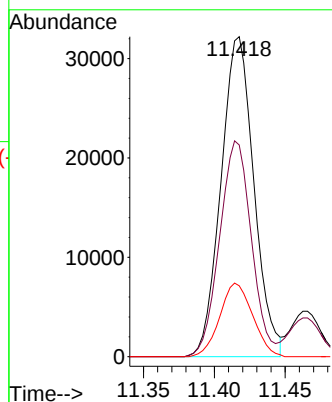
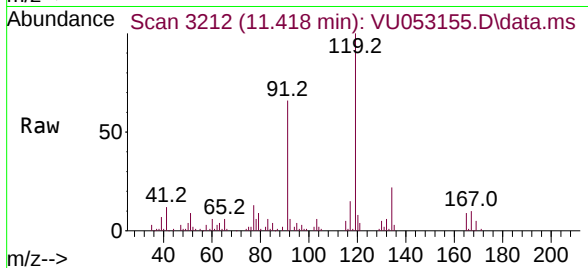
Tgt Ion:119 Resp: 52146

Ion Ratio Lower Upper

119 100

91 65.1 31.9 95.7

134 22.9 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 1.906 ug/l

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053155.D

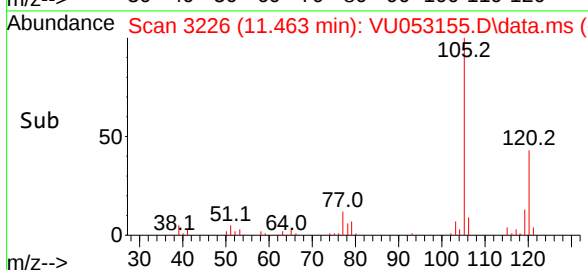
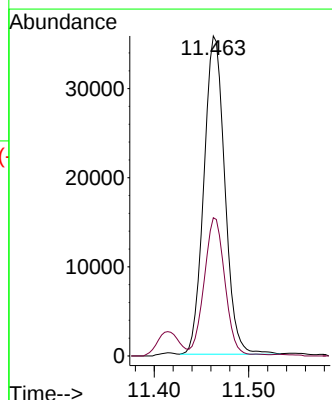
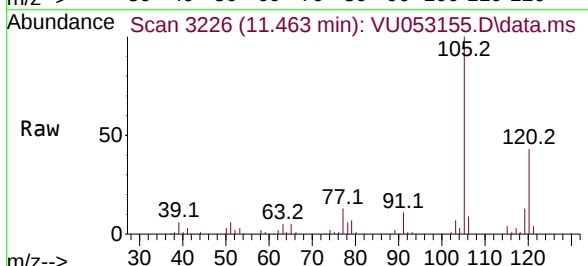
Acq: 27 Feb 2023 16:16

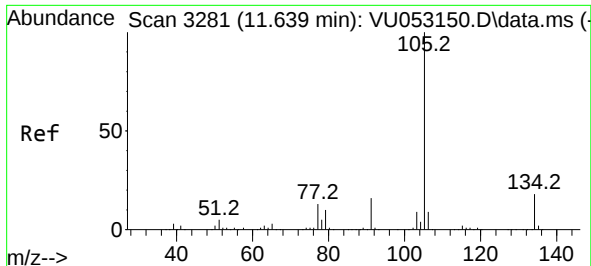
Tgt Ion:105 Resp: 54914

Ion Ratio Lower Upper

105 100

120 42.4 21.1 63.1

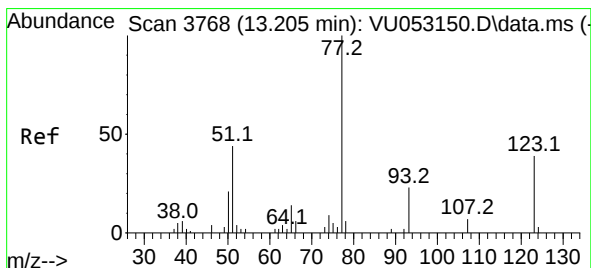
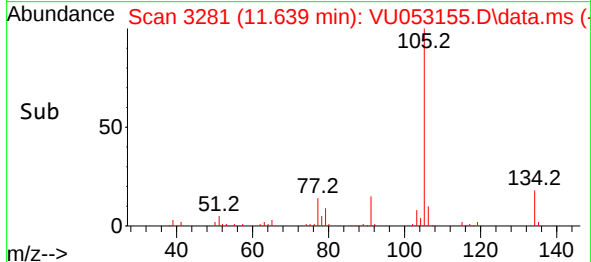
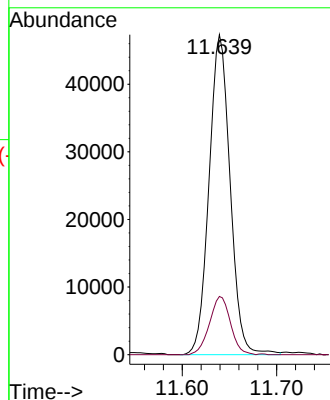
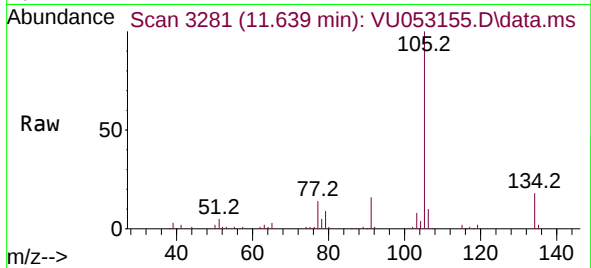




#79
 sec-Butylbenzene
 Concen: 1.908 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

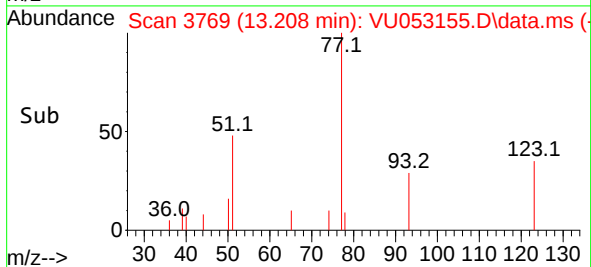
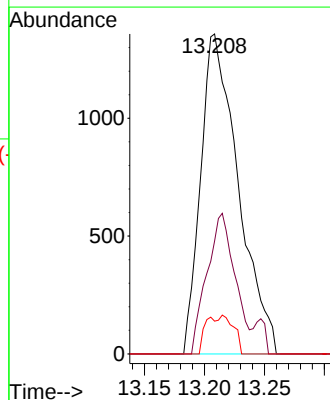
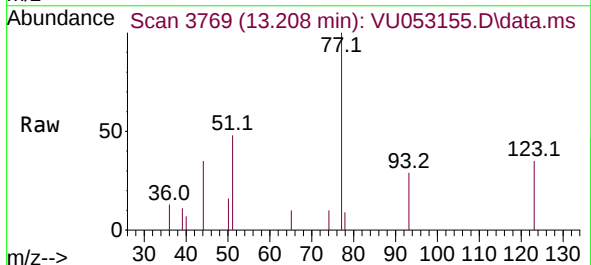
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBSD01

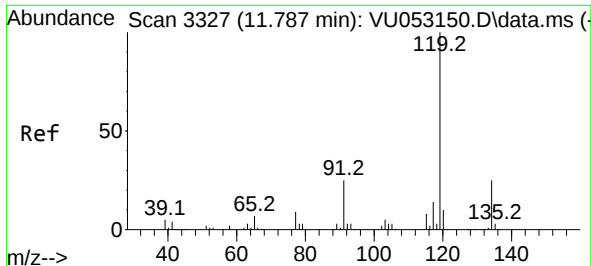
Tgt Ion:105 Resp: 73330
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.4 21.6



#80
 Nitrobenzene
 Concen: 8.288 ug/l
 RT: 13.208 min Scan# 3769
 Delta R.T. 0.003 min
 Lab File: VU053155.D
 Acq: 27 Feb 2023 16:16

Tgt Ion: 77 Resp: 2961
 Ion Ratio Lower Upper
 77 100
 123 27.8 17.0 60.2
 65 3.5 12.9 16.5#

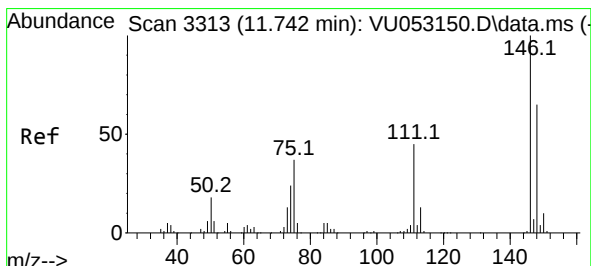
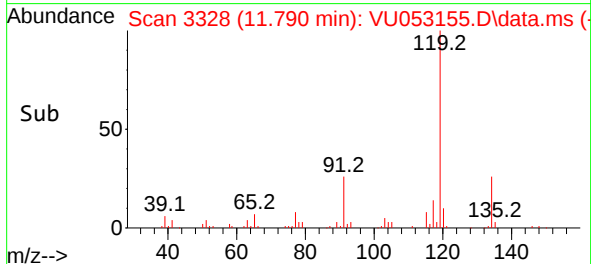
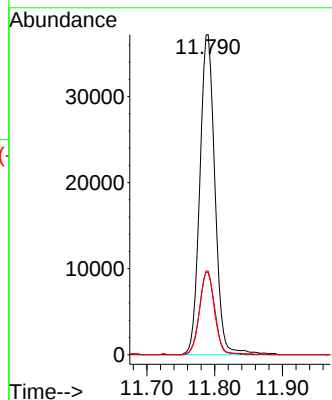
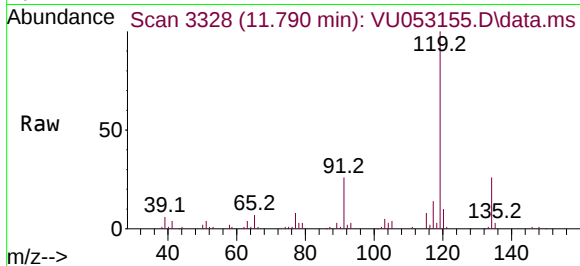




#81
p-Isopropyltoluene
Concen: 1.895 ug/l
RT: 11.790 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

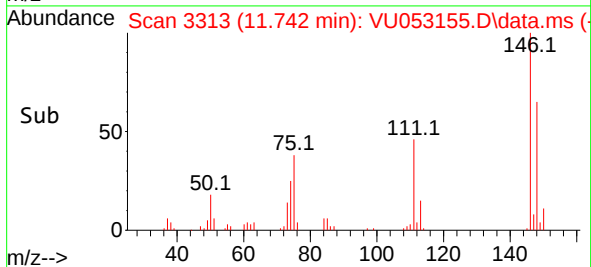
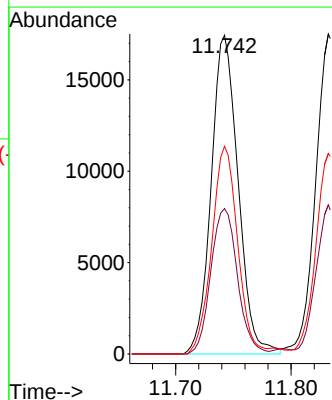
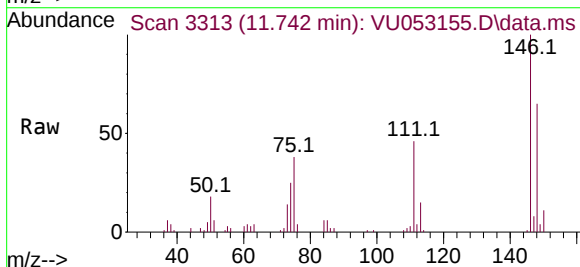
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

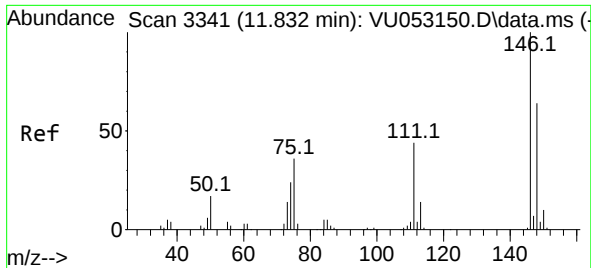
Tgt Ion:119 Resp: 57688
Ion Ratio Lower Upper
119 100
134 26.0 19.8 29.6
91 25.9 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 1.949 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:146 Resp: 28208
Ion Ratio Lower Upper
146 100
111 45.3 36.0 54.0
148 62.6 50.8 76.2

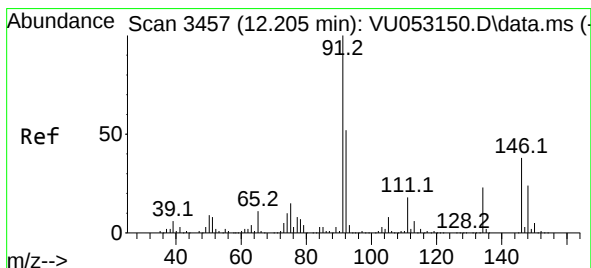
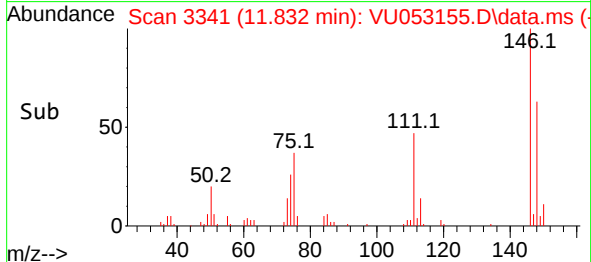
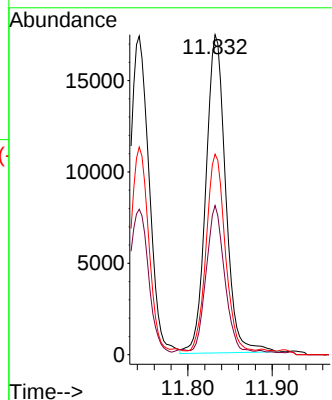
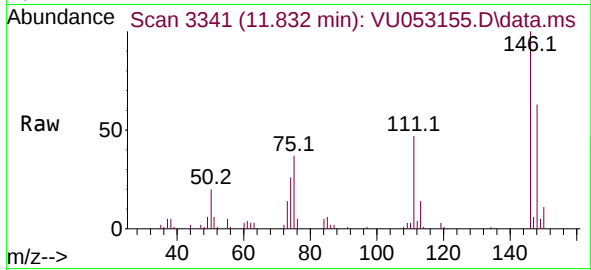




#83
1,4-Dichlorobenzene
Concen: 1.928 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

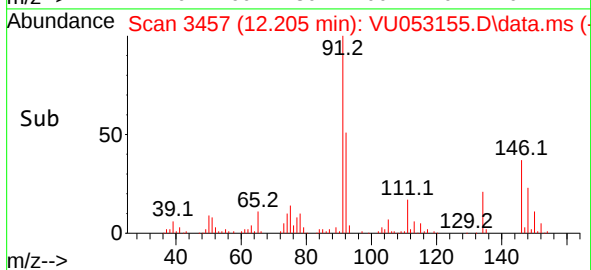
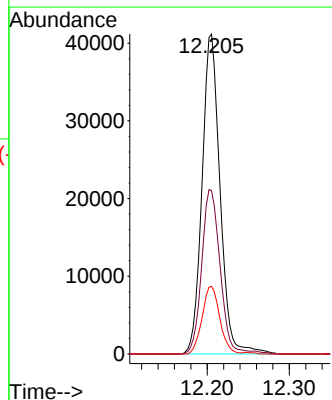
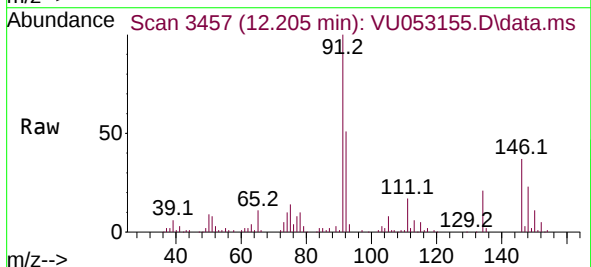
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

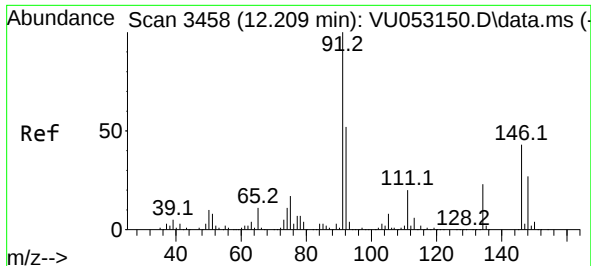
Tgt Ion:146	Resp:	28488
Ion	Ratio	Lower Upper
146	100	
111	41.5	34.0 51.0
148	59.5	49.8 74.6



#84
n-Butylbenzene
Concen: 1.990 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 91	Resp:	62779
Ion	Ratio	Lower Upper
91	100	
92	52.8	41.8 62.6
134	20.7	17.9 26.9

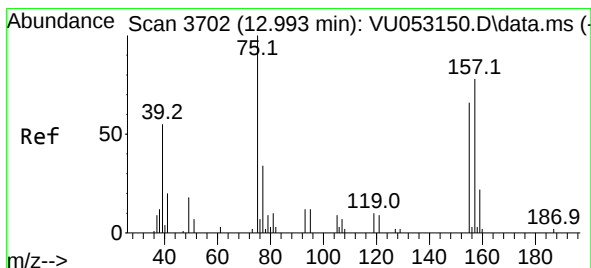
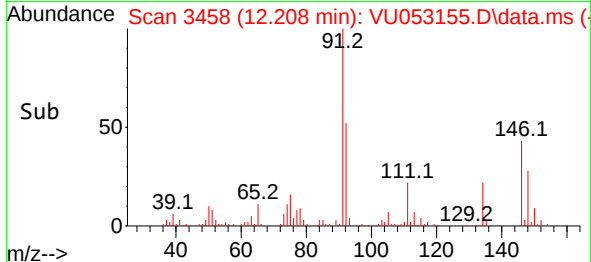
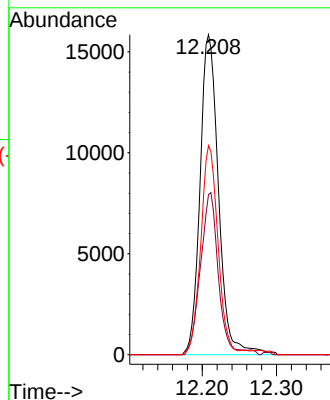
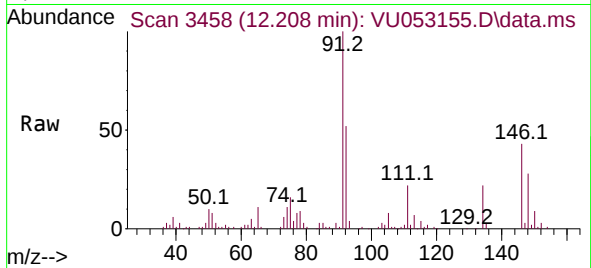




#85
1,2-Dichlorobenzene
Concen: 1.988 ug/l
RT: 12.208 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

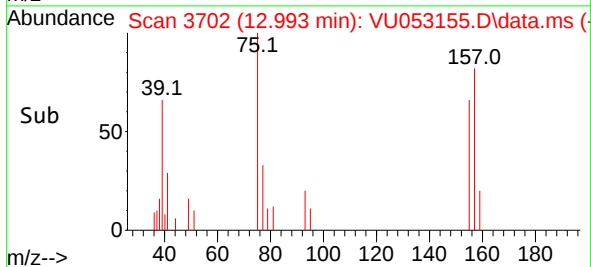
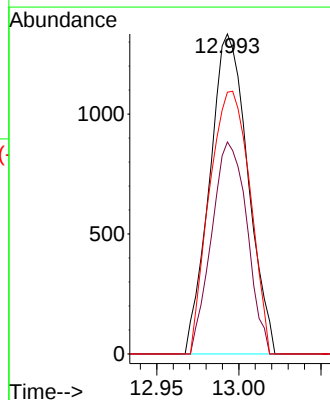
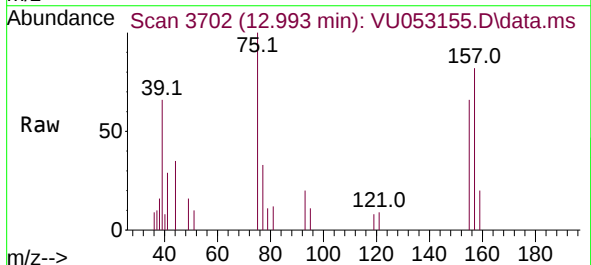
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

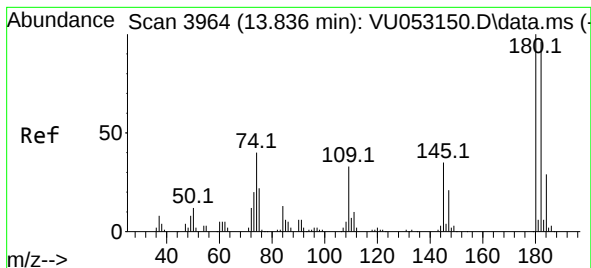
Tgt Ion:146 Resp: 27430
Ion Ratio Lower Upper
146 100
111 48.4 23.2 69.6
148 60.9 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.995 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion: 75 Resp: 2160
Ion Ratio Lower Upper
75 100
155 61.3 53.4 80.0
157 86.9 61.7 92.5





#87

1,2,4-Trichlorobenzene

Concen: 2.015 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBSD01

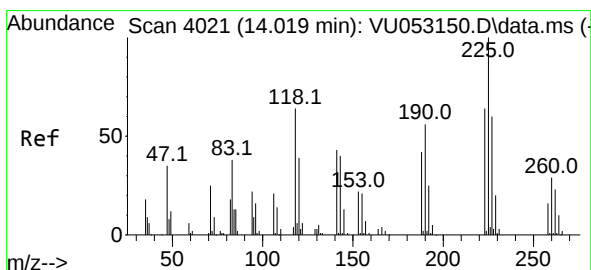
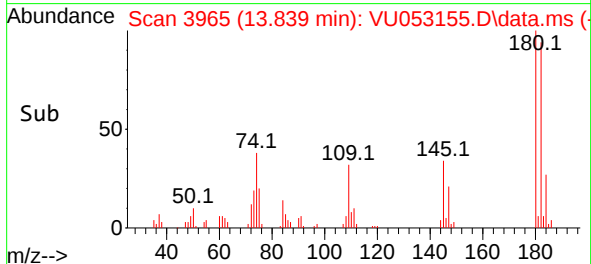
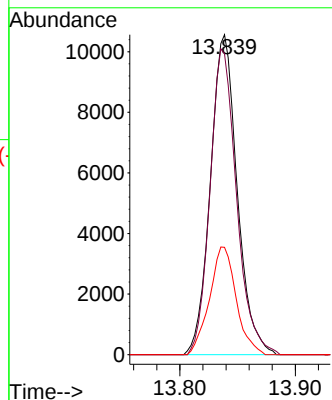
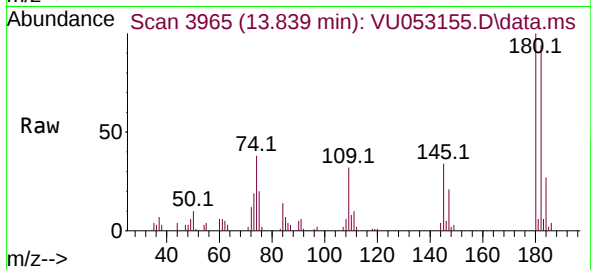
Tgt Ion:180 Resp: 17063

Ion Ratio Lower Upper

180 100

182 94.6 77.4 116.0

145 33.5 28.3 42.5



#88

Hexachlorobutadiene

Concen: 1.965 ug/l

RT: 14.015 min Scan# 4020

Delta R.T. -0.004 min

Lab File: VU053155.D

Acq: 27 Feb 2023 16:16

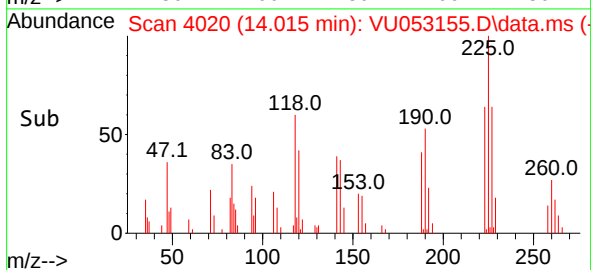
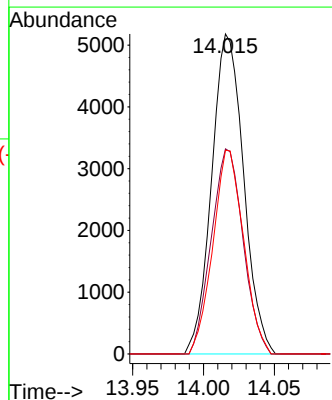
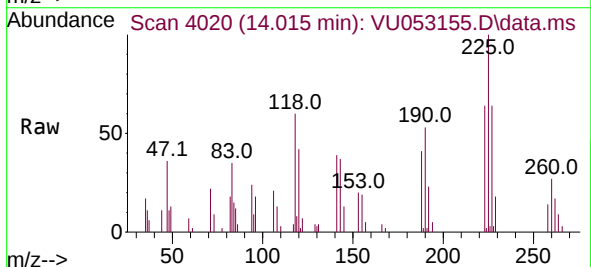
Tgt Ion:225 Resp: 8127

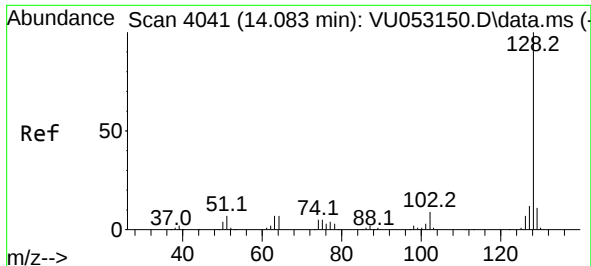
Ion Ratio Lower Upper

225 100

223 63.7 51.1 76.7

227 61.1 49.9 74.9

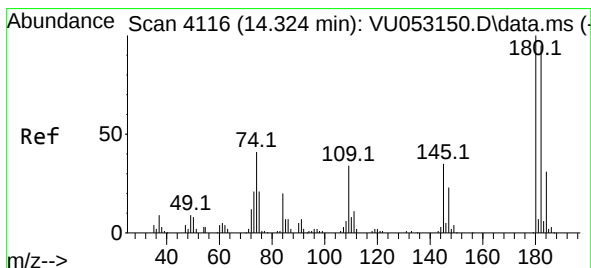
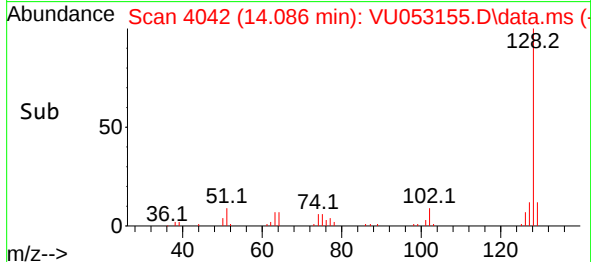
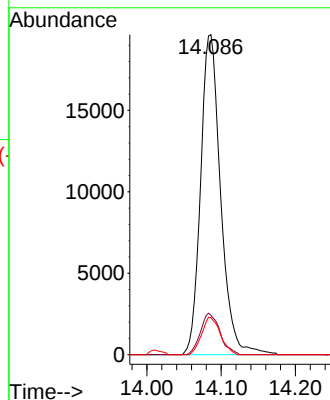
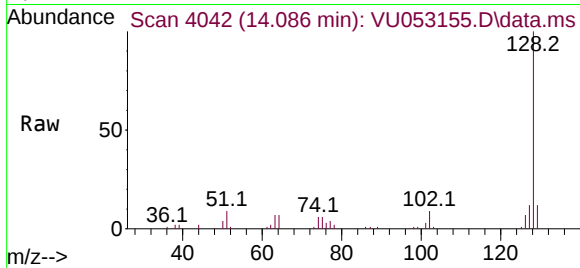




#89
Naphthalene
Concen: 2.047 ug/l
RT: 14.086 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Instrument :
MSVOA_U
ClientSampleId :
VU0227WBSD01

Tgt Ion:	128	Resp:	36867
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.9	14.9
129	10.9	8.3	12.5



#90
1,2,3-Trichlorobenzene
Concen: 1.963 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053155.D
Acq: 27 Feb 2023 16:16

Tgt Ion:	180	Resp:	14624
Ion Ratio	Lower	Upper	
180	100		
182	101.2	76.6	115.0
145	39.7	29.0	43.6

