

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053165.D
 Acq On : 28 Feb 2023 11:09
 Operator : JC/MD
 Sample : VU0228WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0228WBS01

Quant Time: Mar 01 03:37:20 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	25628	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11012	1.018	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8789	1.025	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	13665	2.101	ug/l	97
3) Chloromethane	1.521	50	12445	1.857	ug/l	98
4) Vinyl Chloride	1.604	62	13606	1.907	ug/l	97
5) Bromomethane	1.862	94	8092	1.992	ug/l	95
6) Chloroethane	1.936	64	8605	1.985	ug/l	99
7) Trichlorofluoromethane	2.141	101	20013	1.948	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	12925	2.012	ug/l	98
9) 1,1-Dichloroethene	2.582	96	10400	1.864	ug/l	93
10) Iodomethane	2.723	142	9937	1.732	ug/l	97
11) Allyl Chloride	2.926	41	14732	1.691	ug/l	96
12) Acrylonitrile	3.318	53	6337	4.436	ug/l	# 90
13) Acetone	2.643	43	26626	13.039	ug/l	98
14) Carbon Disulfide	2.794	76	24147	1.887	ug/l	# 95
15) Methylene Chloride	3.045	84	16996	2.132	ug/l	91
16) trans-1,2-Dichloroethene	3.354	96	12004	1.957	ug/l	97
17) 1,1-Dichloroethane	3.868	63	25756	1.920	ug/l	99
18) 2-Butanone	4.720	43	28694	11.704	ug/l	99
19) Cyclohexane	5.379	56	17968	1.677	ug/l	89
20) Methylcyclohexane	6.759	83	20995	2.041	ug/l	98
21) 2,2-Dichloropropane	4.662	77	23207	1.974	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	14754	1.950	ug/l	97
23) Diethyl Ether	2.379	59	8608	1.886	ug/l	90
24) tert-Butyl Alcohol	3.231	59	6165	11.497	ug/l	# 71
25) Methyl tert-Butyl Ether	3.363	73	31976	1.971	ug/l	99
26) Bromochloromethane	4.974	128	5611	1.917	ug/l	93
27) Chloroform	5.090	83	26487	1.916	ug/l	93
28) 1,1,1-Trichloroethane	5.312	97	21605	1.861	ug/l	98
29) 1,1-Dichloropropene	5.524	75	17180	1.974	ug/l	99
30) Carbon Tetrachloride	5.521	117	15613	1.953	ug/l	93
31) Isopropyl Ether	3.993	45	39825	1.861	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	38550	1.900	ug/l	100
33) Tert-Amyl methyl ether	5.945	73	31873	1.980	ug/l	98
34) Propionitrile	4.791	54	5387	9.446	ug/l	# 75
35) Benzene	5.771	78	51674	2.012	ug/l	99
36) 1,2-Dichloroethane	5.794	62	14855	1.935	ug/l	99
37) Trichloroethene	6.540	130	12715	2.158	ug/l	99
38) 1,2-Dichloropropane	6.791	63	15297	2.060	ug/l	96
39) Methacrylonitrile	4.980	41	5220	2.146	ug/l	96
40) Methyl acrylate	4.849	55	7054	1.876	ug/l	# 93
41) Tetrahydrofuran	5.067	42	5043	4.228	ug/l	92
42) 1-Chlorobutane	5.456	56	22582	1.864	ug/l	96
43) Dibromomethane	6.919	93	6662	2.024	ug/l	98
44) Bromodichloromethane	7.106	83	18250	2.027	ug/l	97

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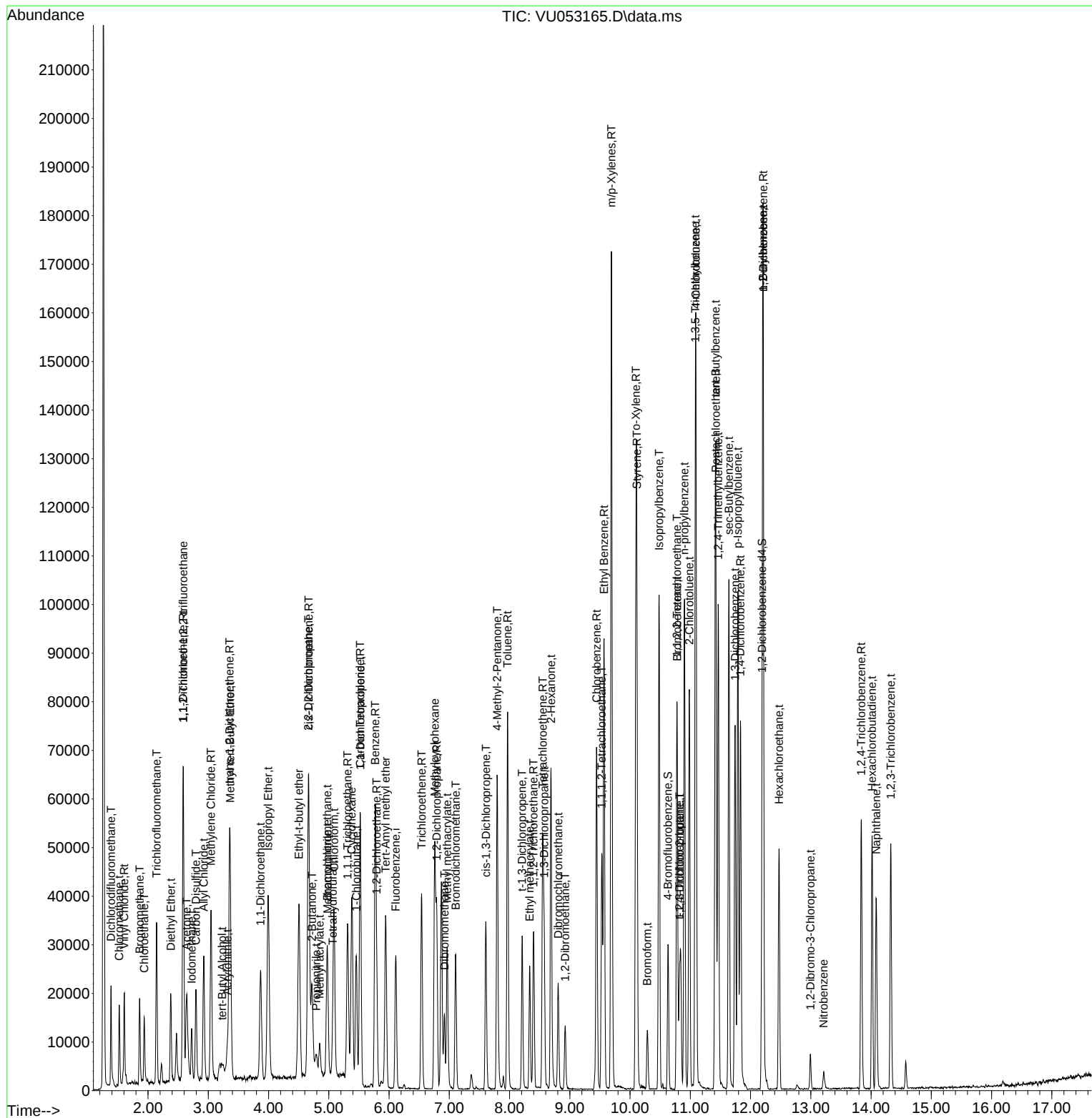
Instrument :
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 ClientSampleId :
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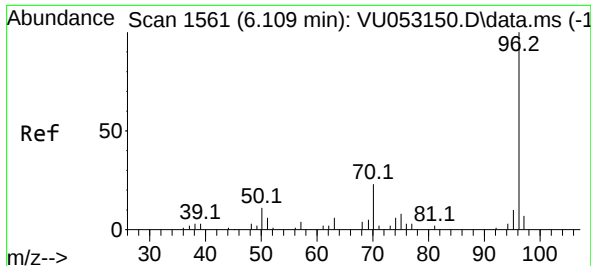
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	42998	10.699	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	16842	8.316	ug/l #	53
47) Methyl methacrylate	6.964	69	13869	4.093	ug/l	98
48) Ethyl methacrylate	8.334	69	14447	2.078	ug/l	97
49) Toluene	7.968	92	32359	2.046	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	17365	1.985	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	20562	1.940	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	10211	2.112	ug/l	99
53) 1,3-Dichloropropane	8.575	76	18190	2.098	ug/l	98
54) 2-Hexanone	8.688	43	42969	12.548	ug/l	96
55) Dibromochloromethane	8.807	129	10803	1.958	ug/l	99
56) 1,2-Dibromoethane	8.922	107	9058	2.109	ug/l	96
58) Tetrachloroethene	8.549	164	9852	2.097	ug/l	94
59) Chlorobenzene	9.443	112	36950	2.089	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.530	131	12221	2.092	ug/l	98
61) Pentachloroethane	11.424	117	10461	2.061	ug/l	94
62) Hexachloroethane	12.472	117	10099	1.805	ug/l	98
63) Ethyl Benzene	9.569	91	66576	2.040	ug/l	99
64) m/p-Xylenes	9.691	106	48914	4.132	ug/l	99
65) o-Xylene	10.099	106	24695	2.043	ug/l	100
66) Styrene	10.112	104	39344	2.053	ug/l	99
67) Bromoform	10.286	173	5064	1.888	ug/l #	96
69) Isopropylbenzene	10.482	105	66908	2.066	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	13870	2.129	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	16842	3.003	ug/l #	55
72) Bromobenzene	10.781	156	13168	2.096	ug/l	98
73) n-propylbenzene	10.903	120	17241	2.007	ug/l	95
74) 2-Chlorotoluene	10.983	126	14755	2.074	ug/l	99
75) 1,3,5-Trimethylbenzene	11.083	105	55628	2.065	ug/l	99
76) 4-Chlorotoluene	11.093	126	15950	2.133	ug/l	82
77) tert-Butylbenzene	11.418	119	53120	2.012	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	56888	2.072	ug/l	99
79) sec-Butylbenzene	11.639	105	73555	2.008	ug/l	99
80) Nitrobenzene	13.212	77	2199	6.457	ug/l #	94
81) p-Isopropyltoluene	11.787	119	56641	1.952	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	28522	2.068	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	28192	2.002	ug/l	99
84) n-Butylbenzene	12.205	91	61152	2.034	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	27415	2.084	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	2196	2.101	ug/l	96
87) 1,2,4-Trichlorobenzene	13.835	180	15986	1.981	ug/l	98
88) Hexachlorobutadiene	14.015	225	7703	1.954	ug/l	98
89) Naphthalene	14.086	128	34311	1.998	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	14339	2.019	ug/l	98

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

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QLast Update : Tue Feb 28 03:35:42 2023
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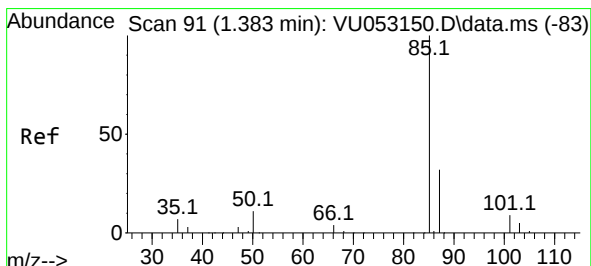
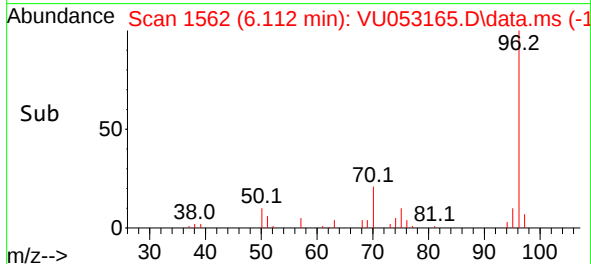
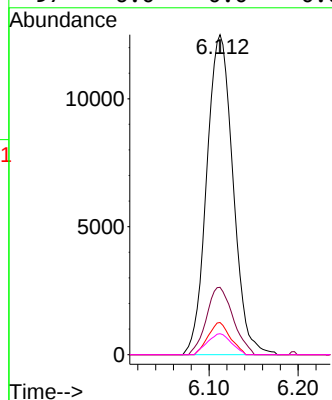
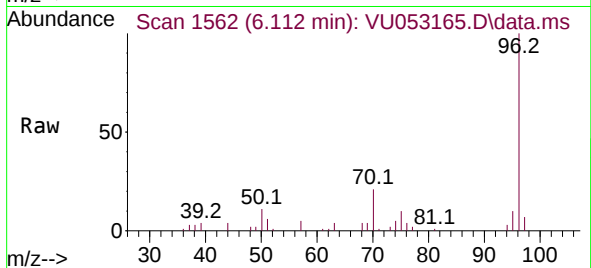




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

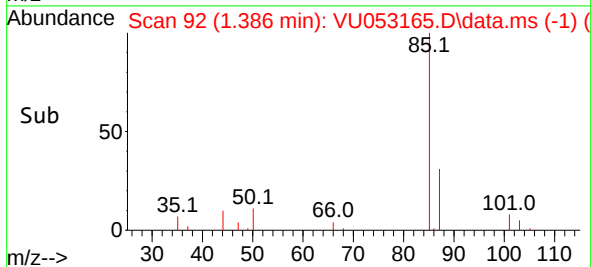
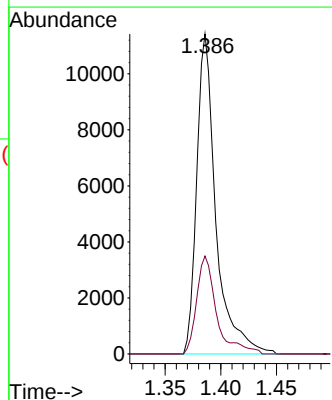
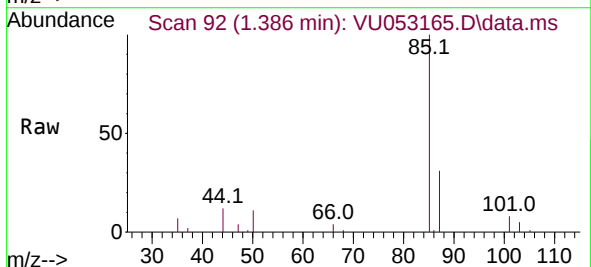
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

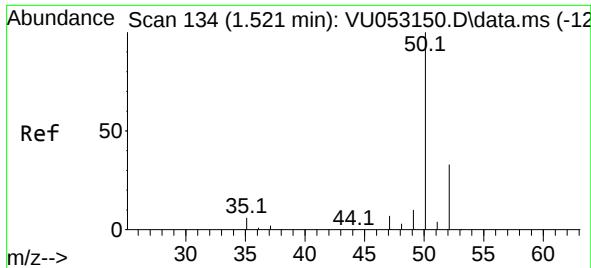
Tgt Ion: 96	Resp: 25628
Ion Ratio	Lower Upper
96 100	
70 21.3	15.5 23.3
95 8.5	7.0 10.6
97 6.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 2.101 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 85	Resp: 13665
Ion Ratio	Lower Upper
85 100	
87 30.6	16.1 48.2

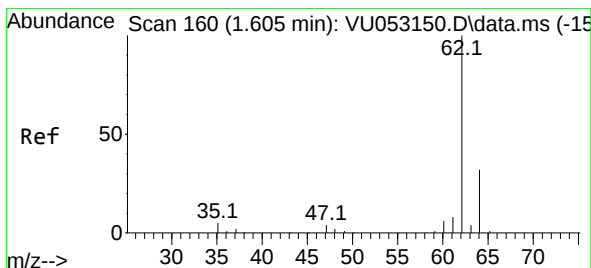
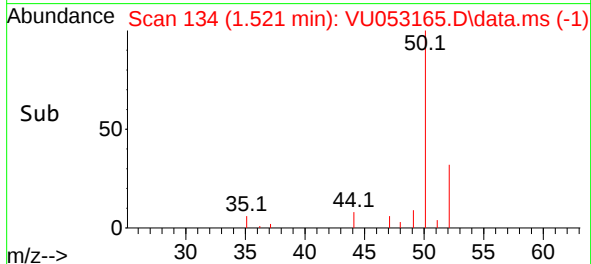
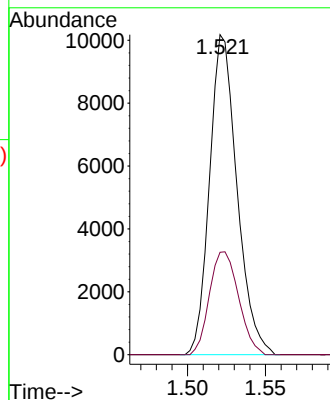
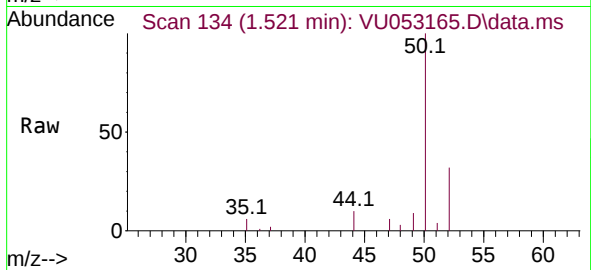




#3
Chloromethane
Concen: 1.857 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

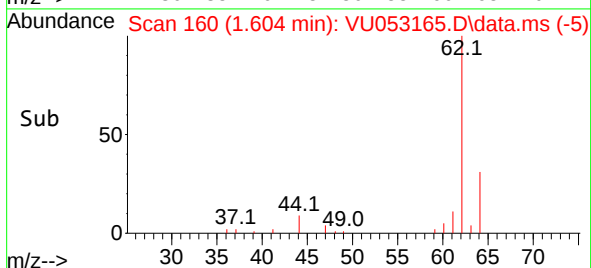
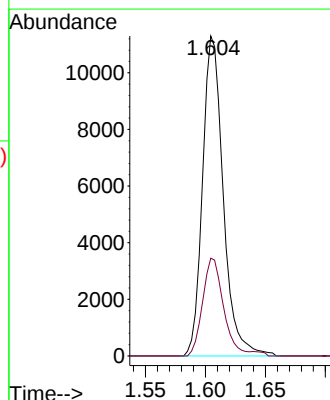
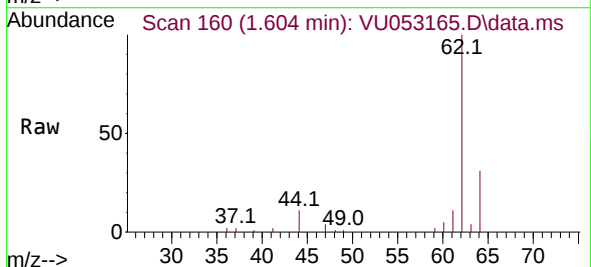
Instrument :
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ClientSampleId :
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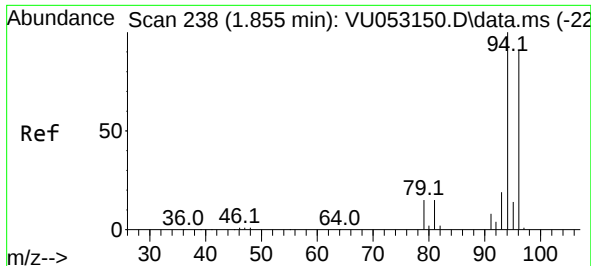
Tgt Ion: 50 Resp: 12445
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 1.907 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 62 Resp: 13606
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6

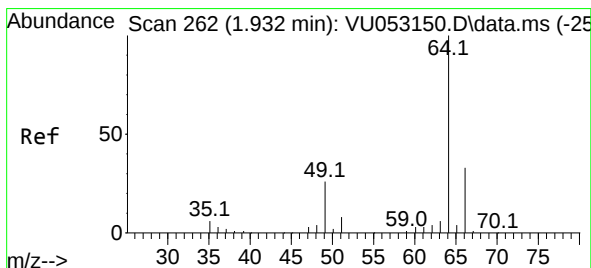
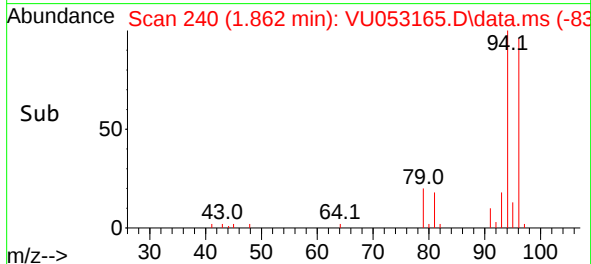
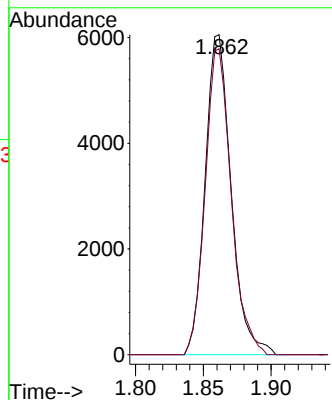
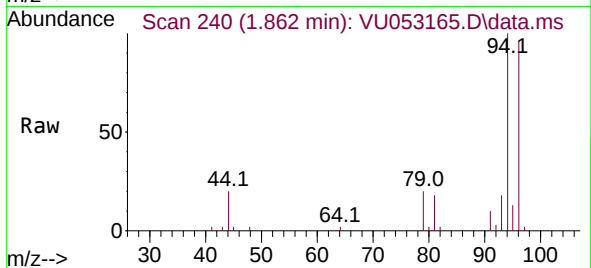




#5
Bromomethane
Concen: 1.992 ug/l
RT: 1.862 min Scan# 241
Delta R.T. 0.006 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

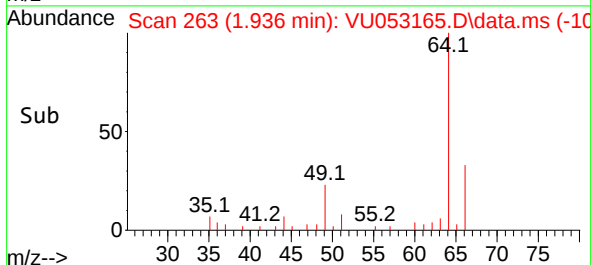
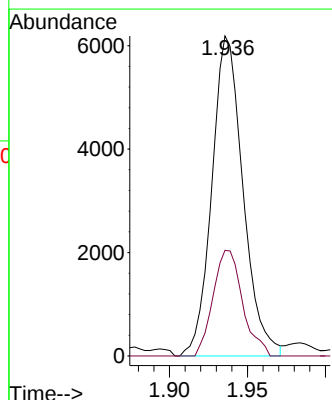
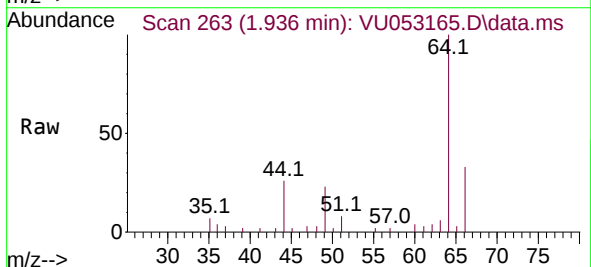
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ClientSampleId :
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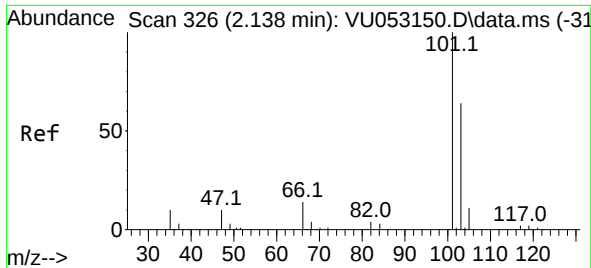
Tgt Ion: 94 Resp: 8092
Ion Ratio Lower Upper
94 100
96 95.6 72.6 108.8



#6
Chloroethane
Concen: 1.985 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 64 Resp: 8605
Ion Ratio Lower Upper
64 100
66 33.0 26.8 40.2

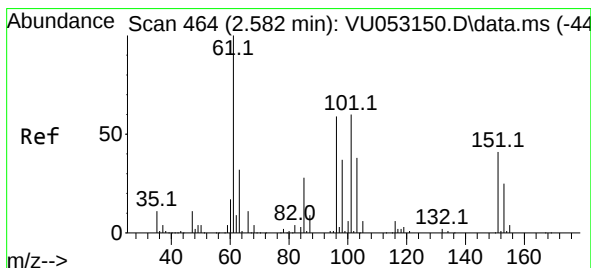
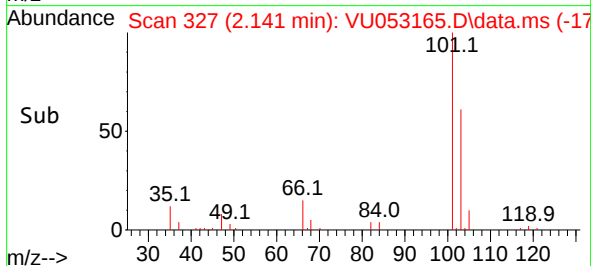
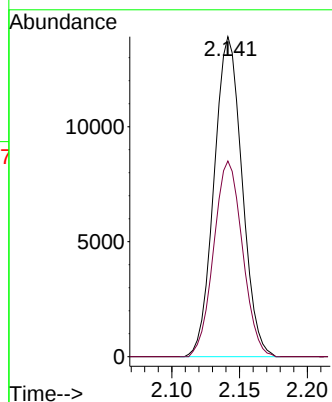
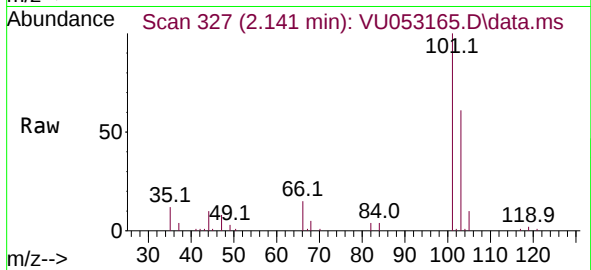




#7
 Trichlorofluoromethane
 Concen: 1.948 ug/l
 RT: 2.141 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

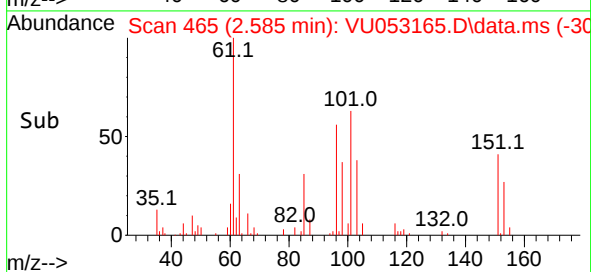
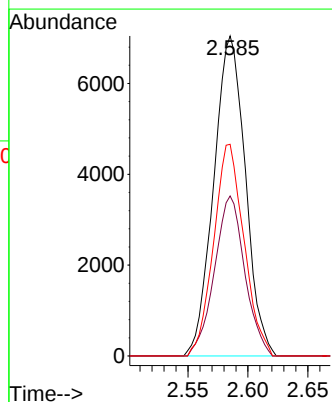
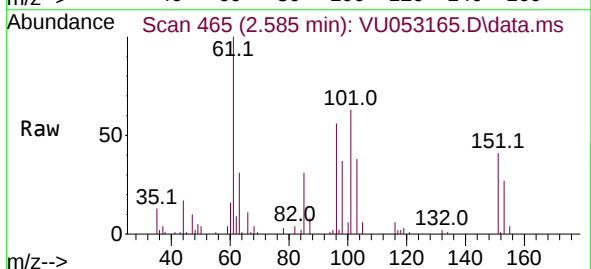
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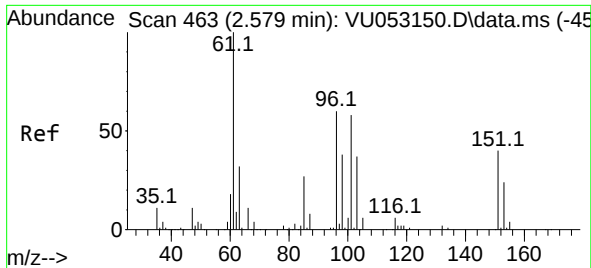
Tgt Ion:101 Resp: 20013
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.012 ug/l
 RT: 2.585 min Scan# 465
 Delta R.T. 0.003 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

Tgt Ion:101 Resp: 12925
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.3 55.9
 151 63.3 52.4 78.6

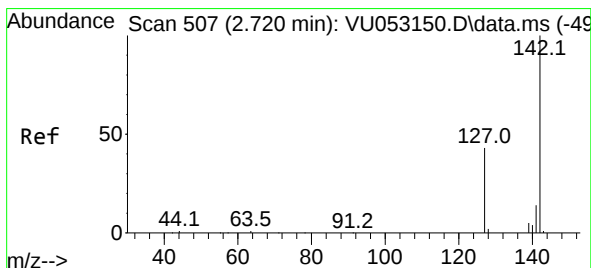
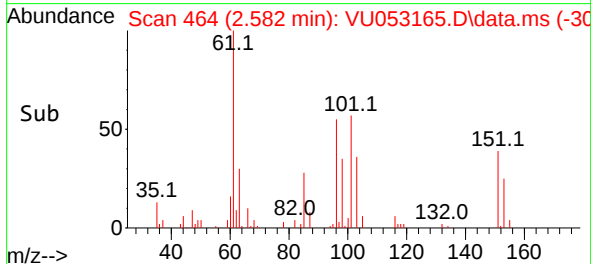
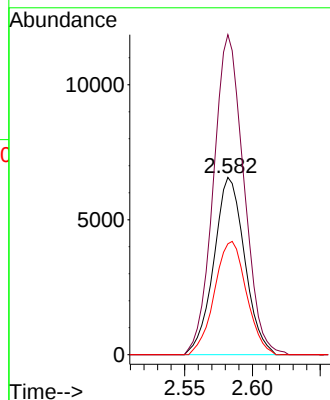
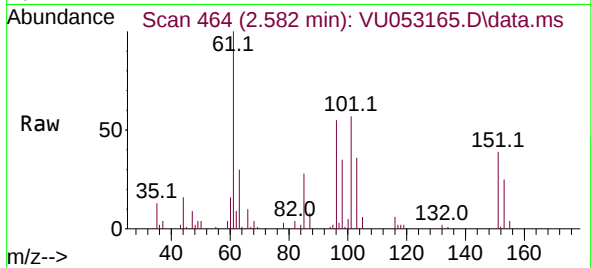




#9
1,1-Dichloroethene
Concen: 1.864 ug/l
RT: 2.582 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

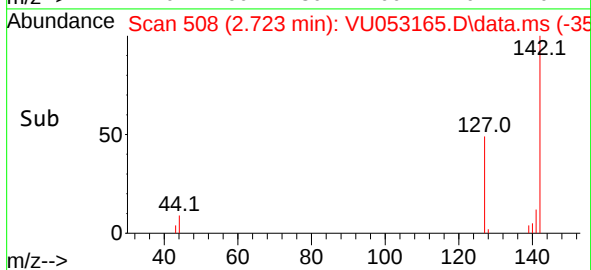
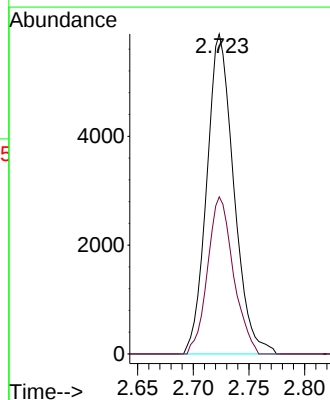
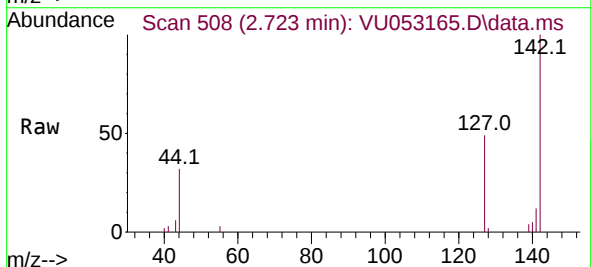
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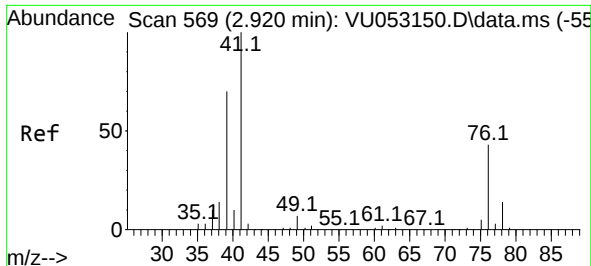
Tgt Ion: 96 Resp: 10400
Ion Ratio Lower Upper
96 100
61 180.5 0.0 502.5
98 62.6 0.0 126.2



#10
Iodomethane
Concen: 1.732 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 142 Resp: 9937
Ion Ratio Lower Upper
142 100
127 46.8 35.8 53.8

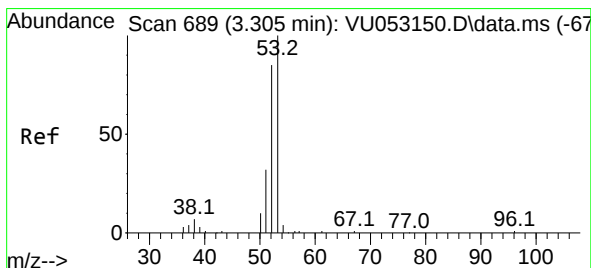
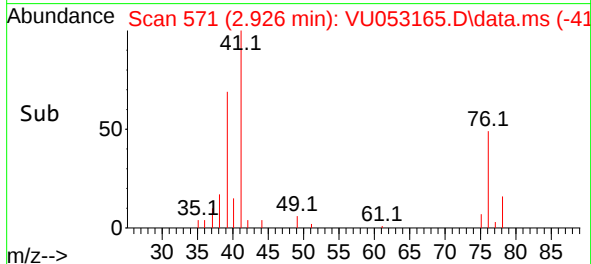
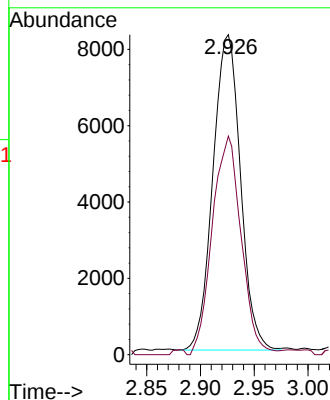
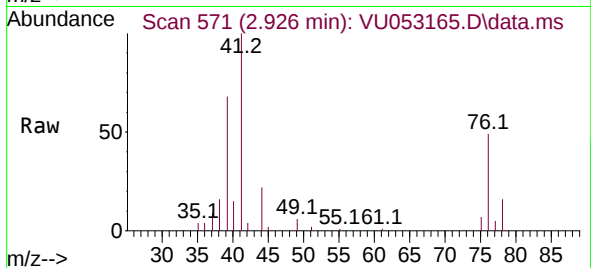




#11
 Allyl Chloride
 Concen: 1.691 ug/l
 RT: 2.926 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

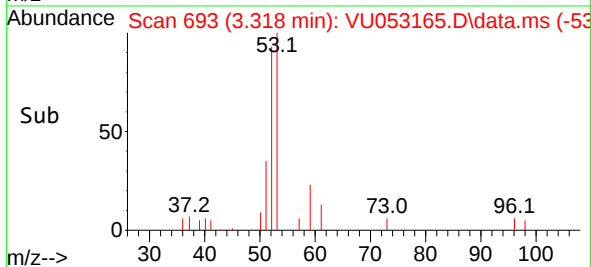
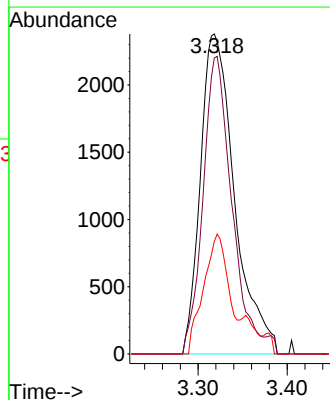
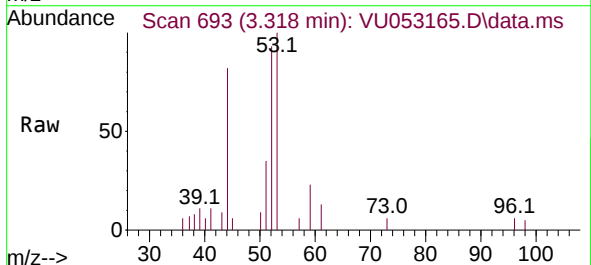
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0228WBS01

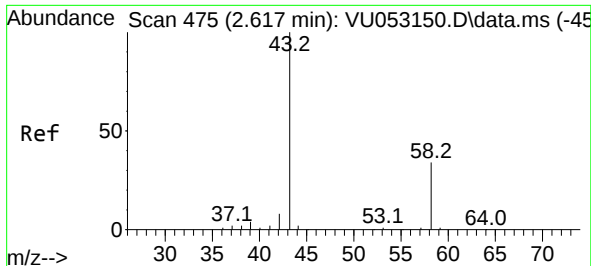
Tgt Ion: 41 Resp: 14732
 Ion Ratio Lower Upper
 41 100
 39 72.6 55.3 82.9



#12
 Acrylonitrile
 Concen: 4.436 ug/l
 RT: 3.318 min Scan# 693
 Delta R.T. 0.013 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

Tgt Ion: 53 Resp: 6337
 Ion Ratio Lower Upper
 53 100
 52 78.0 65.9 98.9
 51 27.2 31.8 47.8#





#13

Acetone

Concen: 13.039 ug/l

RT: 2.643 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

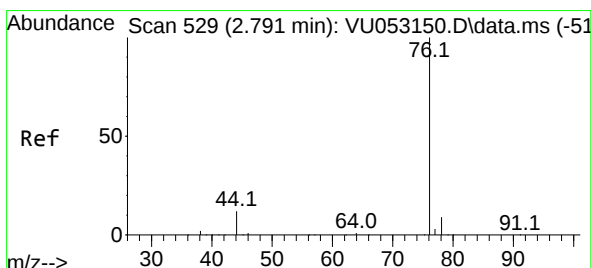
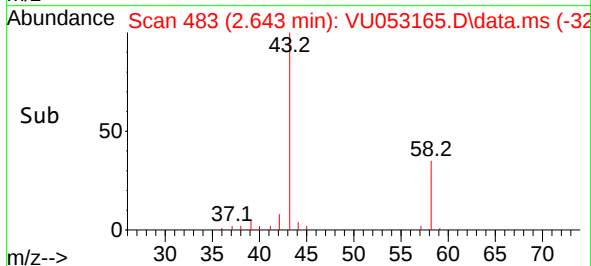
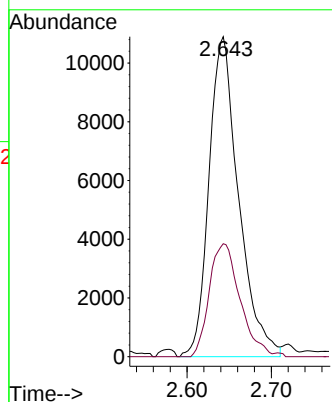
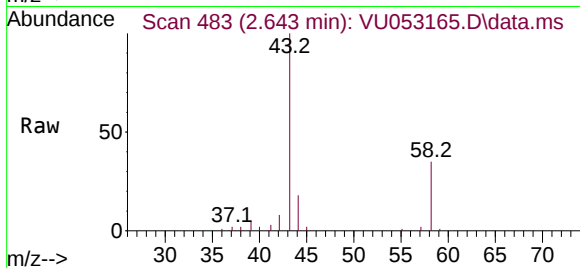
VU0228WBS01

Tgt Ion: 43 Resp: 26626

Ion Ratio Lower Upper

43 100

58 35.3 27.2 40.8



#14

Carbon Disulfide

Concen: 1.887 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053165.D

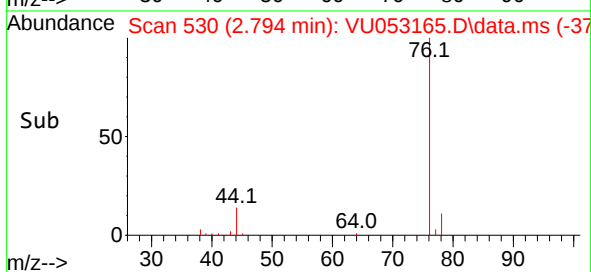
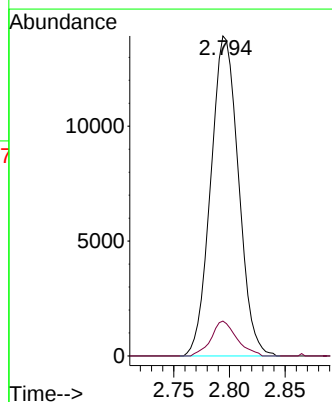
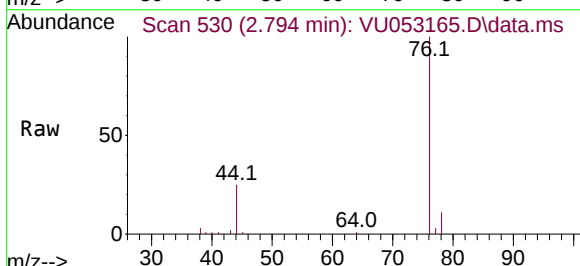
Acq: 28 Feb 2023 11:09

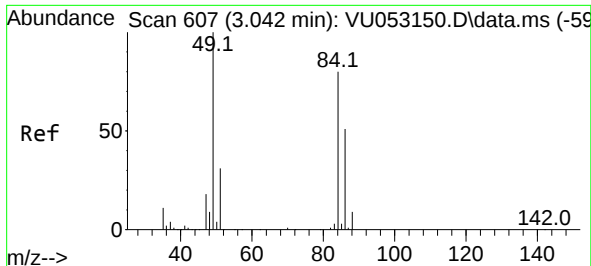
Tgt Ion: 76 Resp: 24147

Ion Ratio Lower Upper

76 100

78 10.9 7.2 10.8#

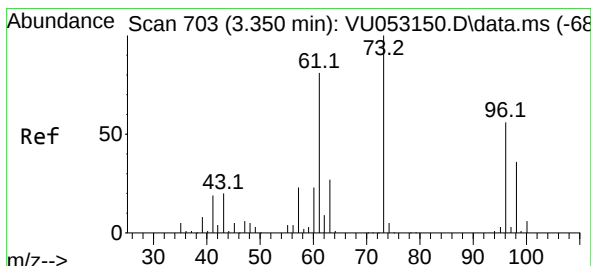
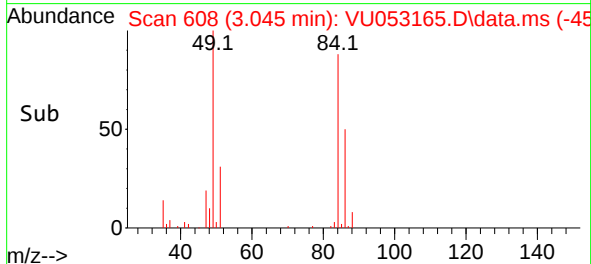
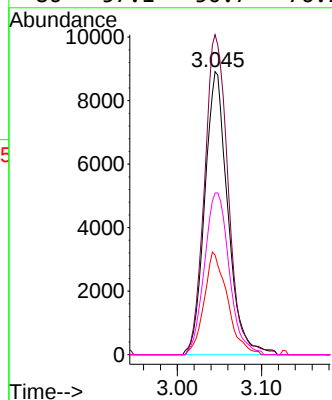
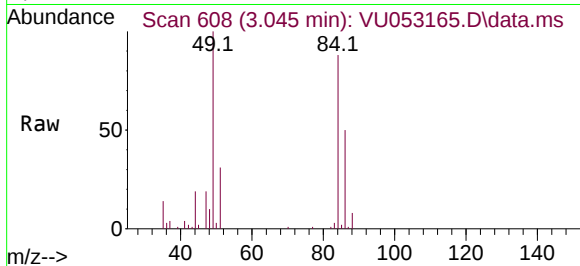




#15
Methylene Chloride
Concen: 2.132 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

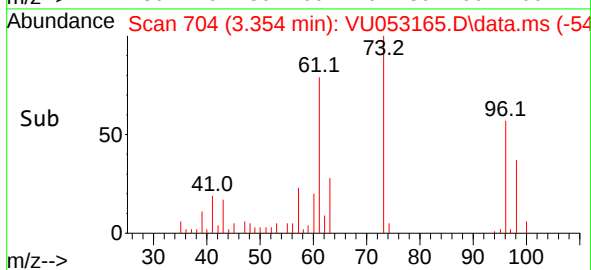
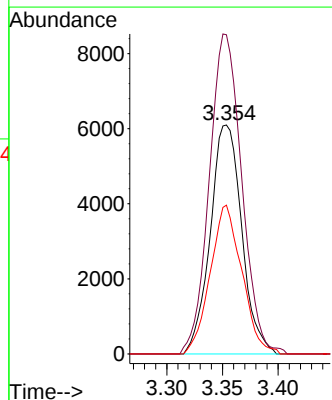
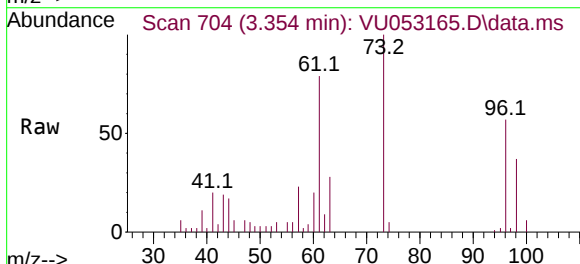
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

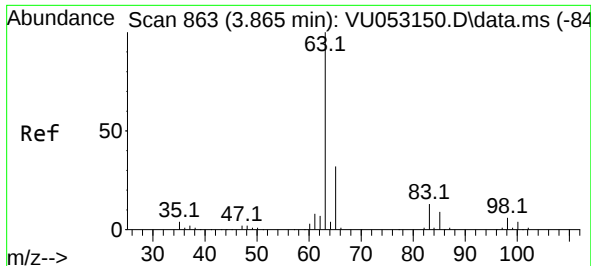
Tgt Ion:	84	Resp:	16996
Ion	Ratio	Lower	Upper
84	100		
49	113.0	99.5	149.3
51	35.2	0.0	76.8
86	57.1	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 1.957 ug/l
RT: 3.354 min Scan# 704
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:	96	Resp:	12004
Ion	Ratio	Lower	Upper
96	100		
61	139.4	116.1	174.1
98	65.0	51.4	77.2

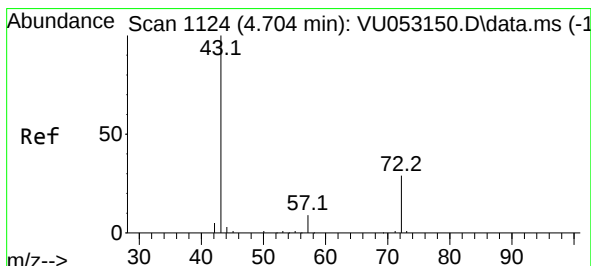
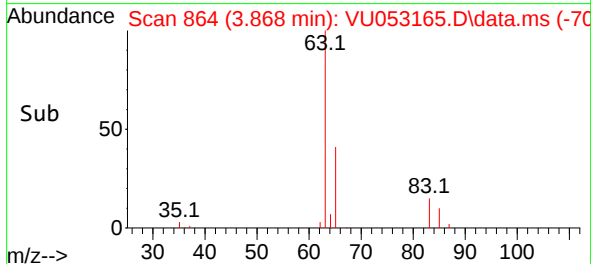
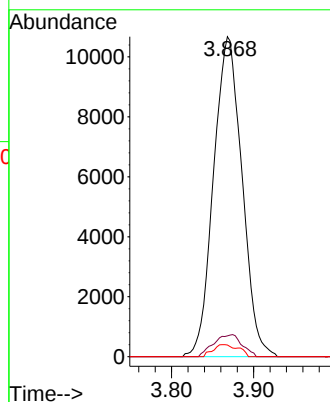
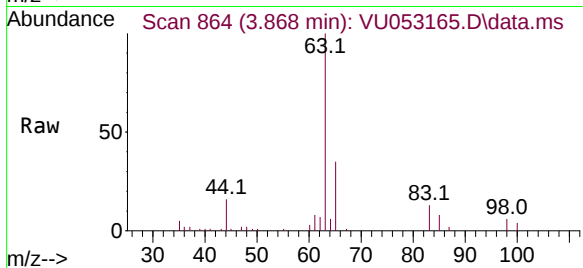




#17
1,1-Dichloroethane
Concen: 1.920 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

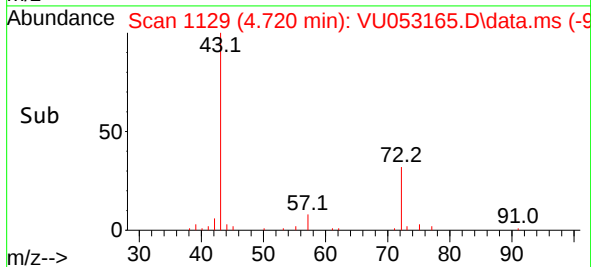
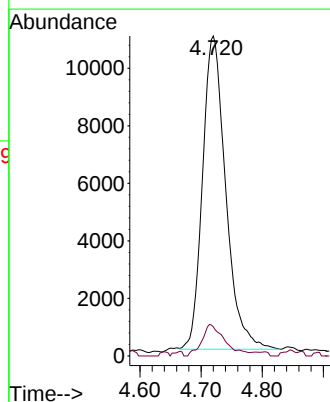
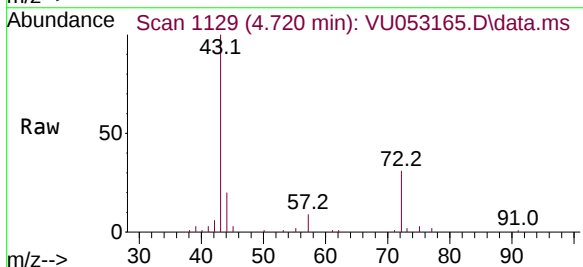
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

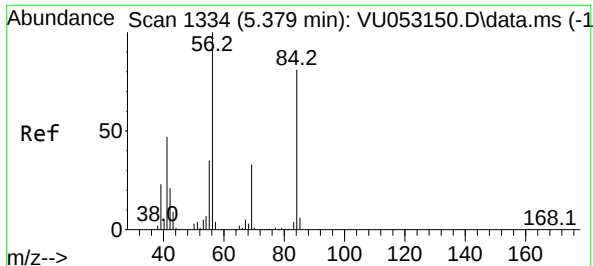
Tgt Ion: 63 Resp: 25756
Ion Ratio Lower Upper
63 100
98 6.5 3.1 9.4
100 3.6 2.1 6.2



#18
2-Butanone
Concen: 11.704 ug/l
RT: 4.720 min Scan# 1129
Delta R.T. 0.016 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 43 Resp: 28694
Ion Ratio Lower Upper
43 100
57 8.3 0.0 17.6

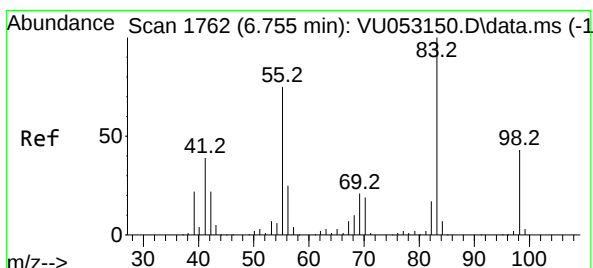
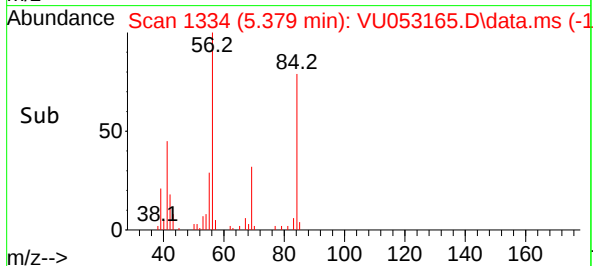
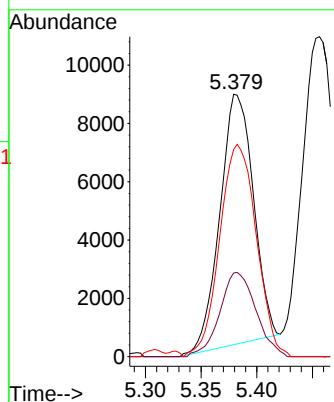
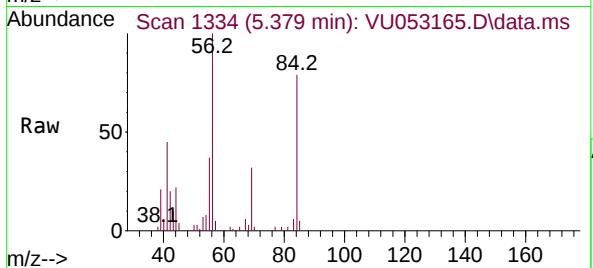




#19
Cyclohexane
Concen: 1.677 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

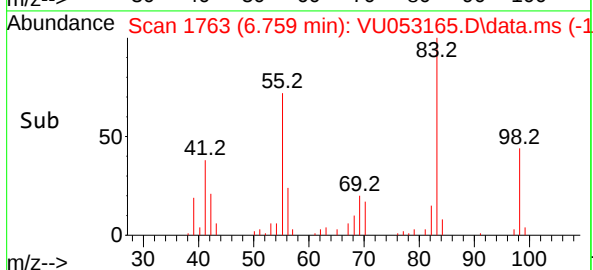
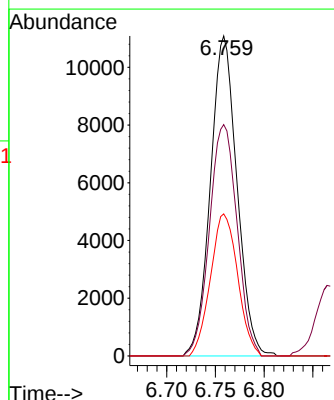
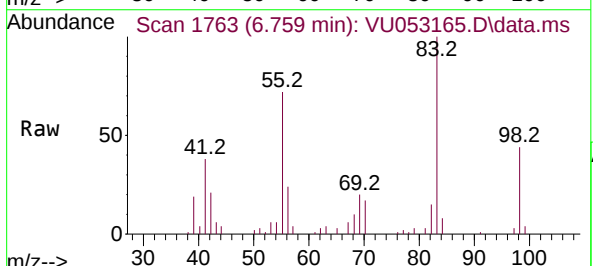
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

Tgt Ion:	56	Resp:	17968
Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.1	39.1
84	92.8	64.7	97.1



#20
Methylcyclohexane
Concen: 2.041 ug/l
RT: 6.759 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:	83	Resp:	20995
Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.2	90.2
98	45.5	33.9	50.9





#21

2,2-Dichloropropane

Concen: 1.974 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

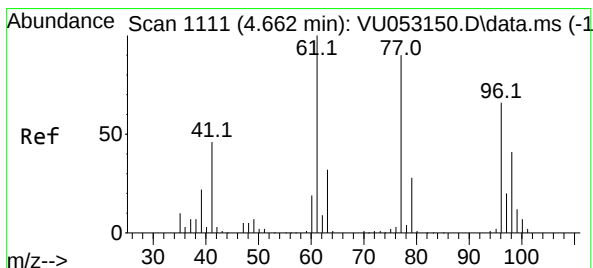
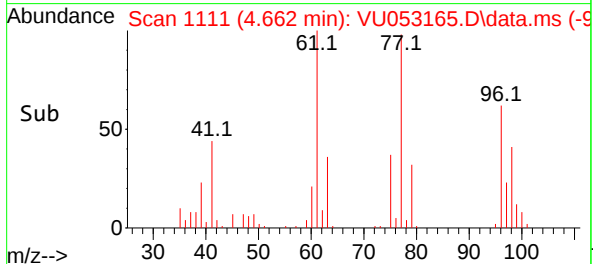
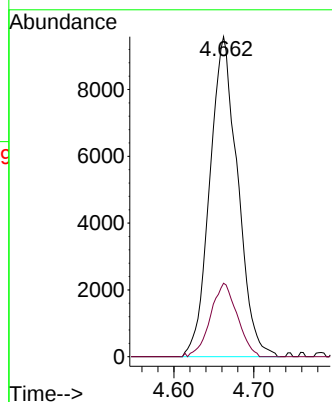
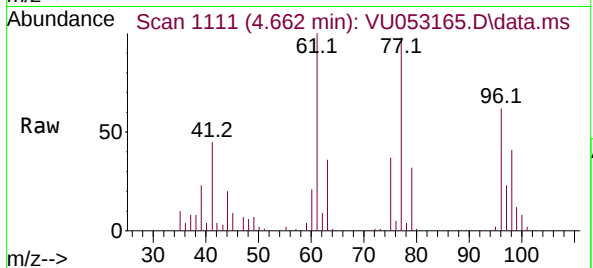
VU0228WBS01

Tgt Ion: 77 Resp: 23207

Ion Ratio Lower Upper

77 100

97 22.1 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 1.950 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

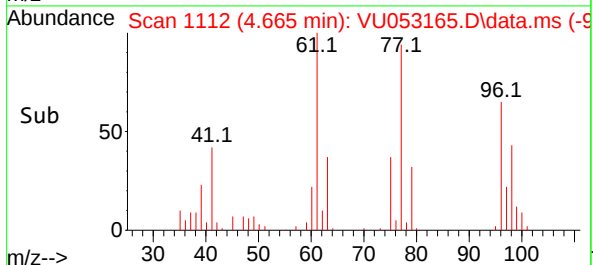
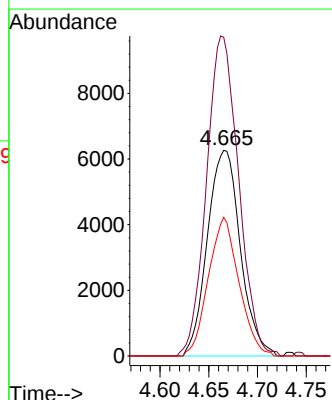
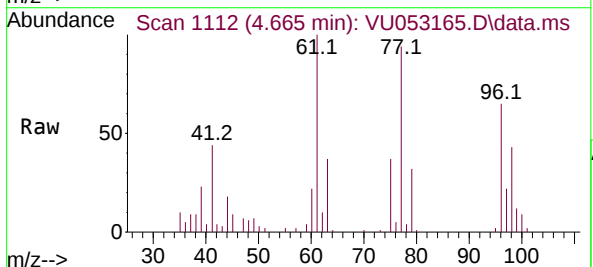
Tgt Ion: 96 Resp: 14754

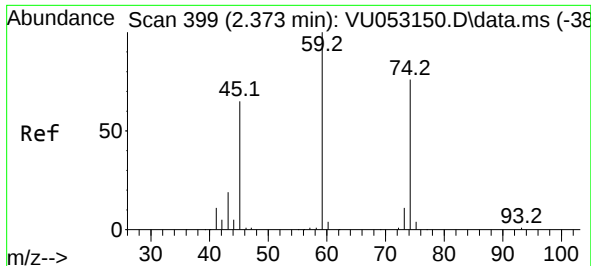
Ion Ratio Lower Upper

96 100

61 151.6 0.0 390.5

98 62.4 31.9 95.9

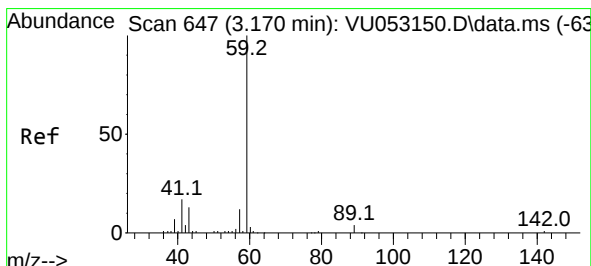
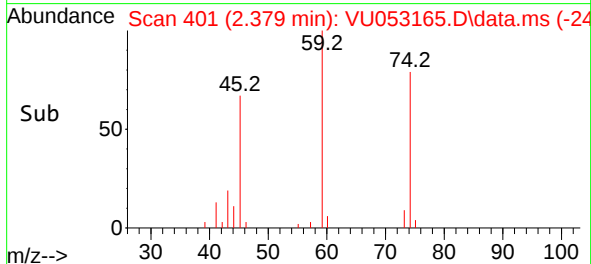
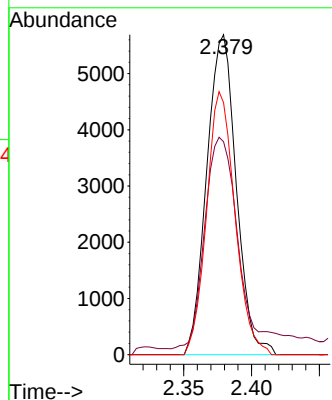
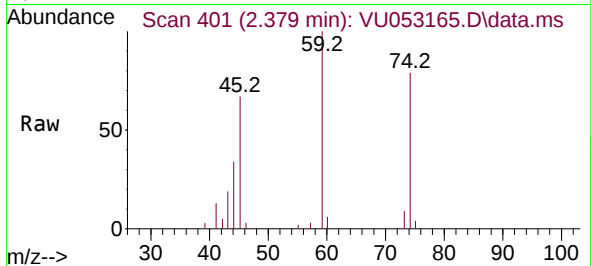




#23
Diethyl Ether
Concen: 1.886 ug/l
RT: 2.379 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

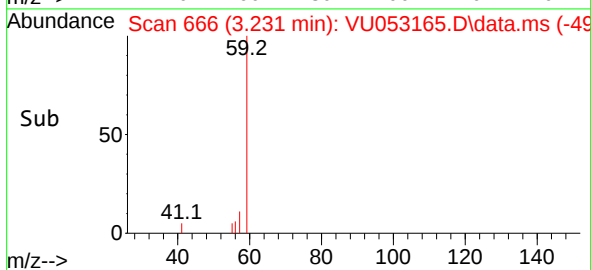
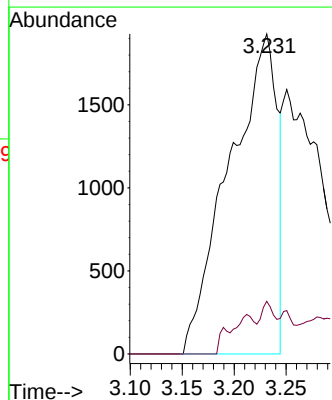
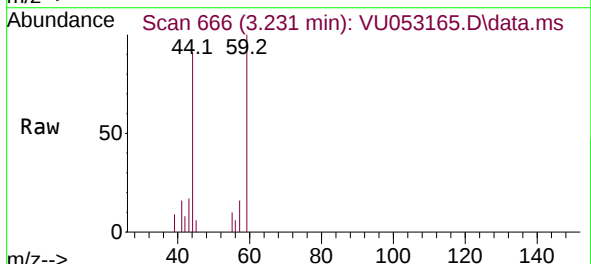
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

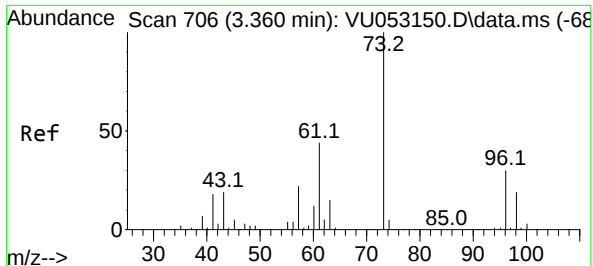
Tgt Ion:	59	Resp:	8608
Ion	Ratio	Lower	Upper
59	100		
45	81.1	54.2	81.2
74	79.2	60.4	90.6



#24
tert-Butyl Alcohol
Concen: 11.497 ug/l
RT: 3.231 min Scan# 666
Delta R.T. 0.061 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:	59	Resp:	6165
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

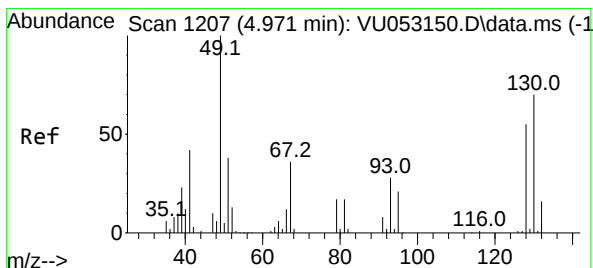
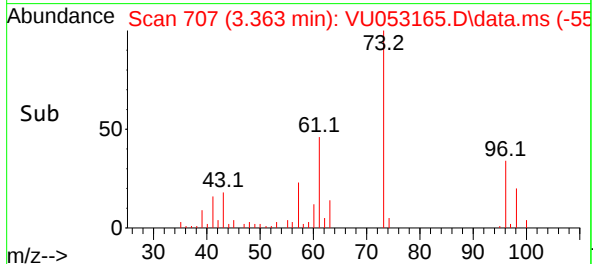
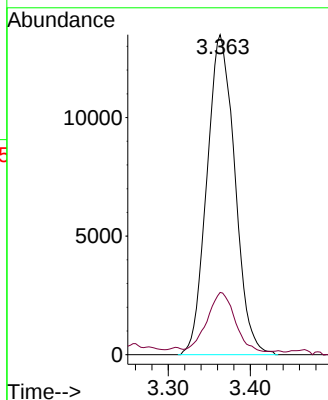
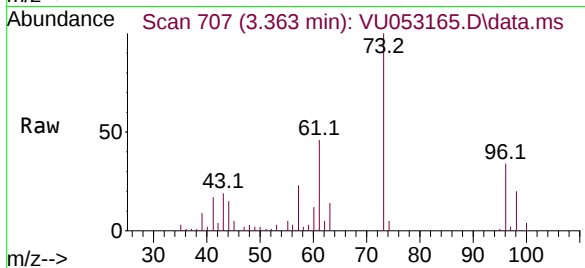




#25
Methyl tert-Butyl Ether
Concen: 1.971 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

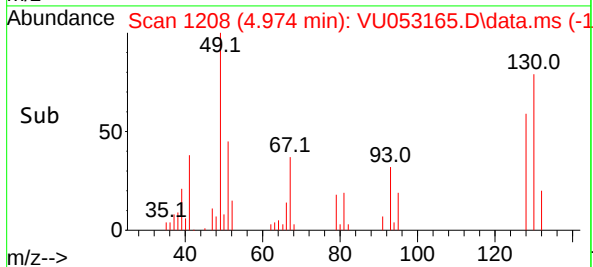
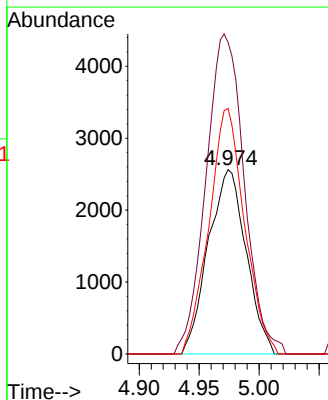
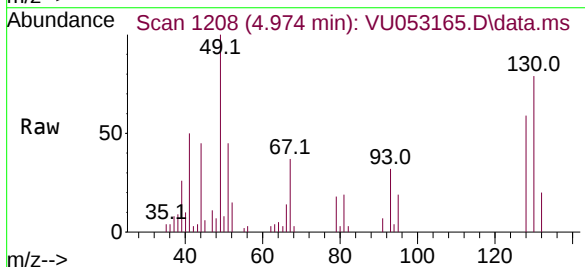
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

Tgt Ion: 73 Resp: 31976
Ion Ratio Lower Upper
73 100
43 18.1 15.0 22.6



#26
Bromochloromethane
Concen: 1.917 ug/l
RT: 4.974 min Scan# 1208
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 128 Resp: 5611
Ion Ratio Lower Upper
128 100
49 175.8 0.0 376.8
130 125.7 104.8 157.2





#27

Chloroform

Concen: 1.916 ug/l

RT: 5.090 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

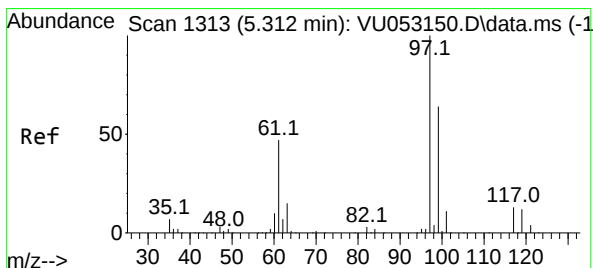
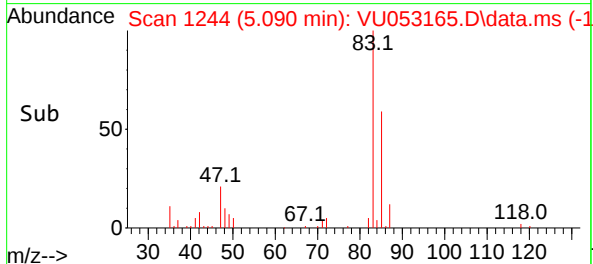
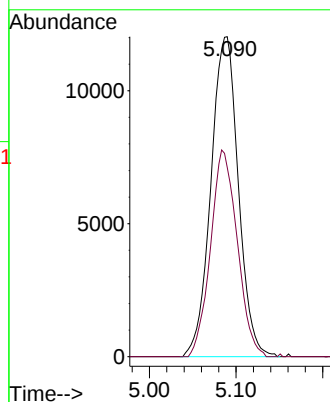
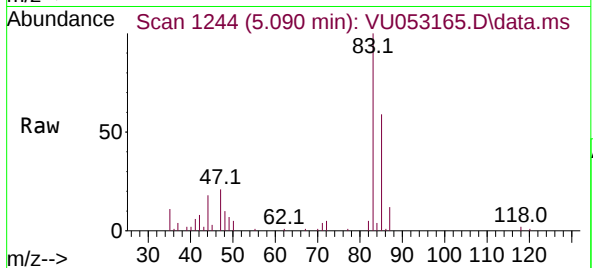
VU0228WBS01

Tgt Ion: 83 Resp: 26487

Ion Ratio Lower Upper

83 100

85 59.1 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 1.861 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

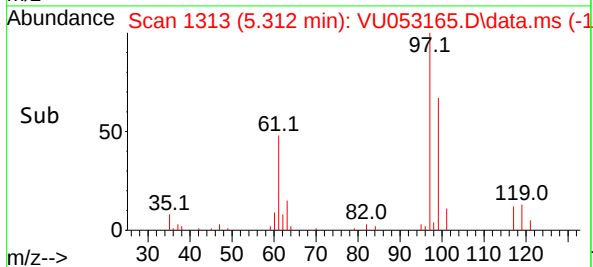
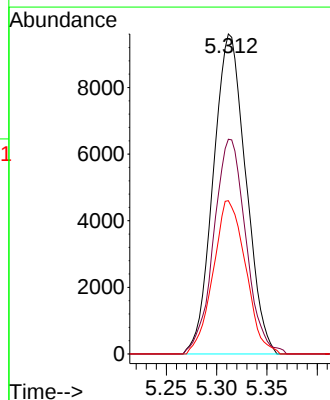
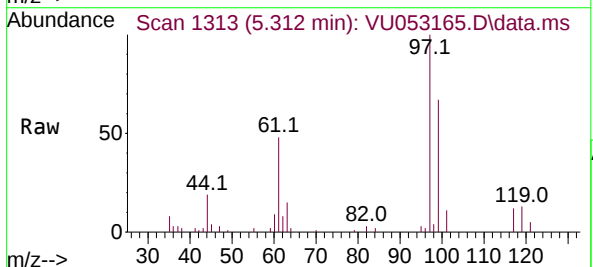
Tgt Ion: 97 Resp: 21605

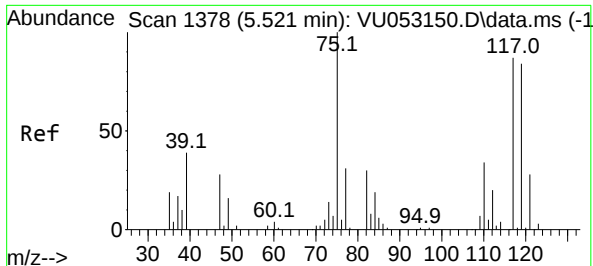
Ion Ratio Lower Upper

97 100

99 66.4 31.6 94.8

61 47.8 23.9 71.7





#29

1,1-Dichloropropene

Concen: 1.974 ug/l

RT: 5.524 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

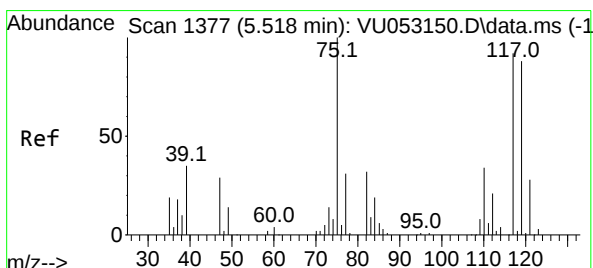
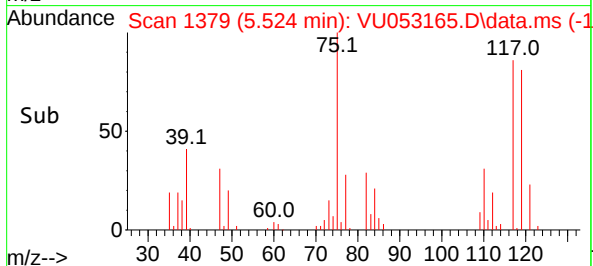
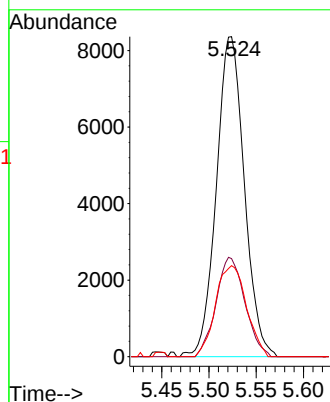
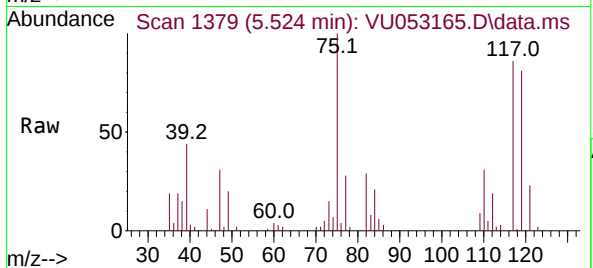
Tgt Ion: 75 Resp: 17180

Ion Ratio Lower Upper

75 100

110 32.0 16.3 48.8

77 31.4 24.9 37.3



#30

Carbon Tetrachloride

Concen: 1.953 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

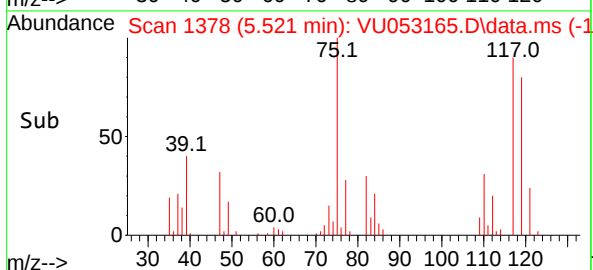
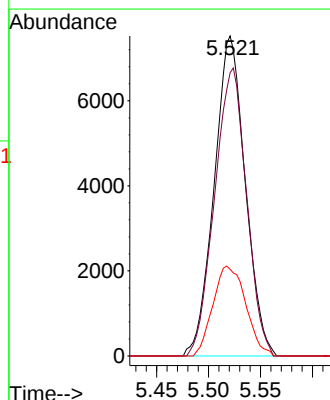
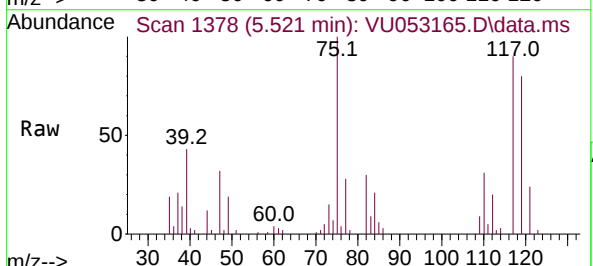
Tgt Ion: 117 Resp: 15613

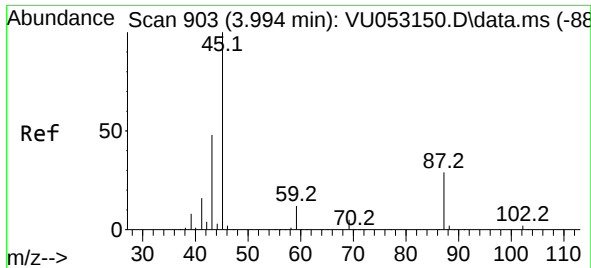
Ion Ratio Lower Upper

117 100

119 88.5 76.2 114.2

121 27.0 24.6 36.8

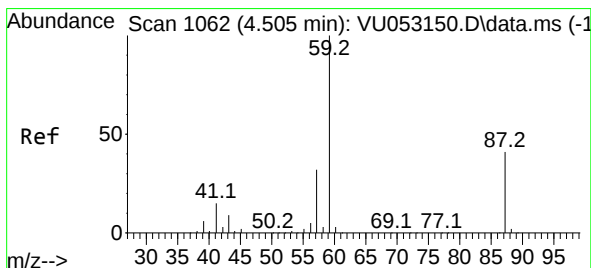
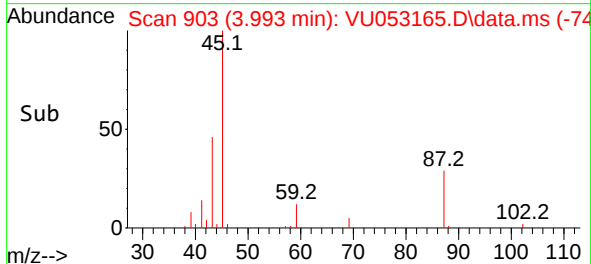
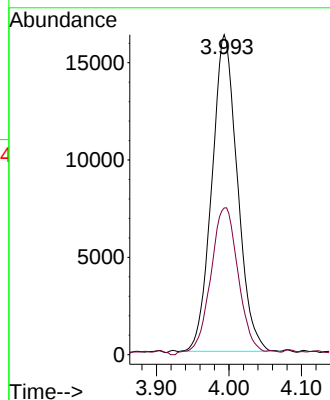
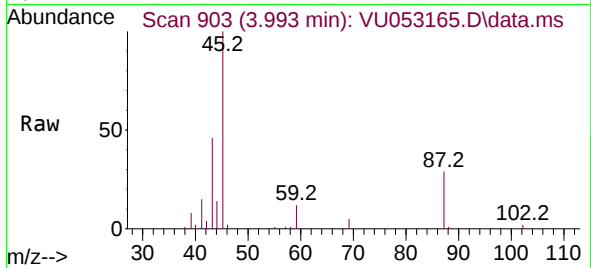




#31
Isopropyl Ether
Concen: 1.861 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

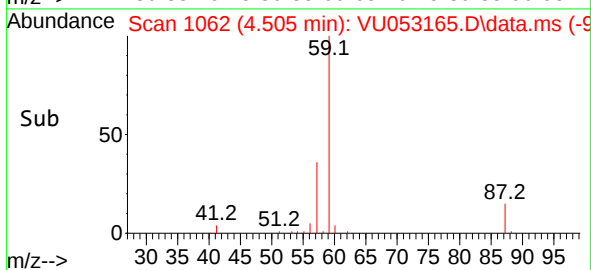
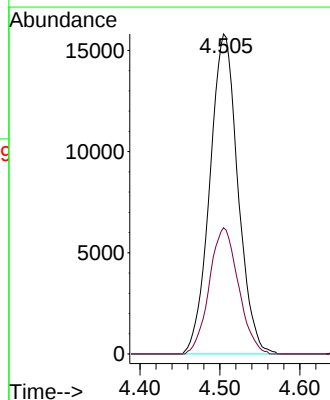
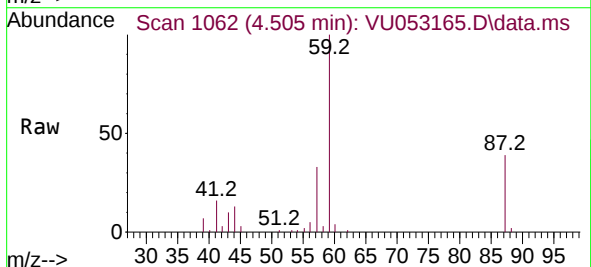
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

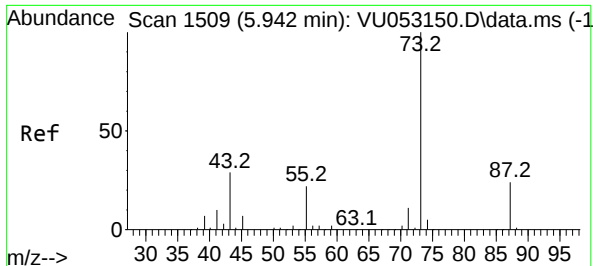
Tgt Ion: 45 Resp: 39825
Ion Ratio Lower Upper
45 100
43 50.6 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 1.900 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 59 Resp: 38550
Ion Ratio Lower Upper
59 100
87 40.9 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 1.980 ug/l

RT: 5.945 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

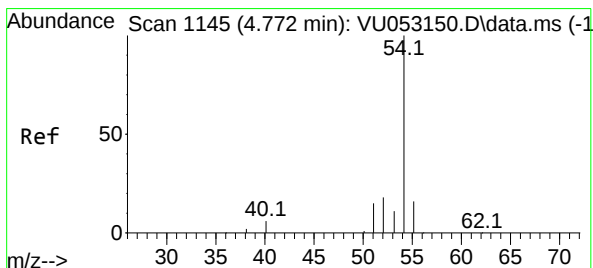
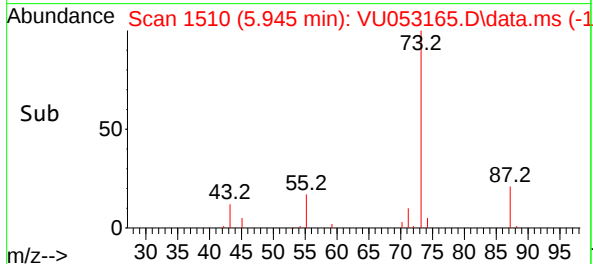
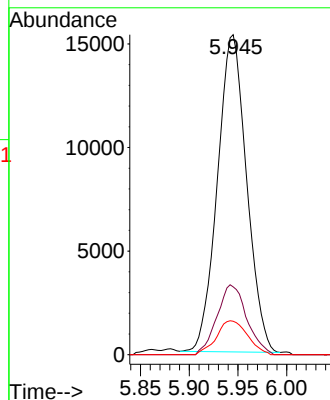
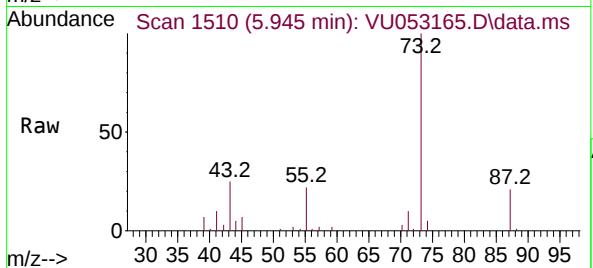
Tgt Ion: 73 Resp: 31873

Ion Ratio Lower Upper

73 100

87 22.4 19.0 28.4

71 11.4 9.2 13.8



#34

Propionitrile

Concen: 9.446 ug/l

RT: 4.791 min Scan# 1151

Delta R.T. 0.019 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Tgt Ion: 54 Resp: 5387

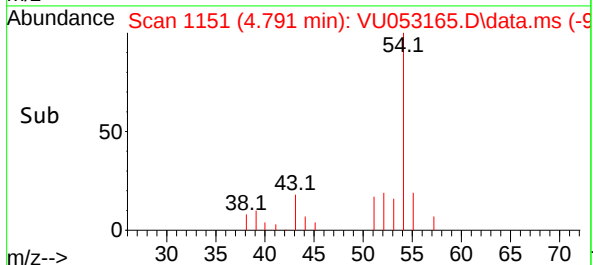
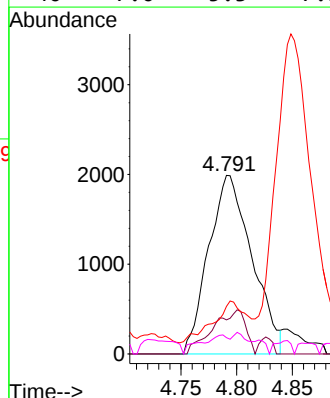
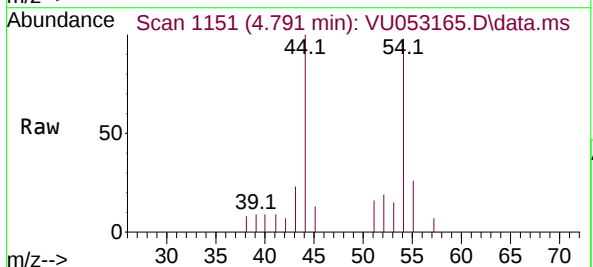
Ion Ratio Lower Upper

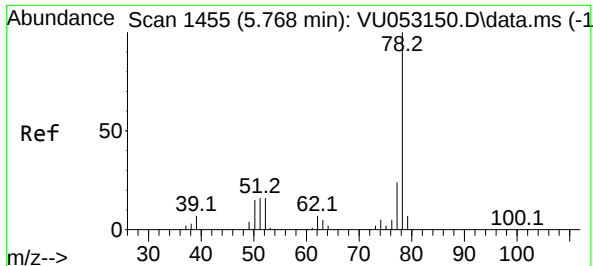
54 100

52 0.0 16.5 24.7#

55 17.4 11.4 17.2#

40 7.0 5.3 7.9





#35

Benzene

Concen: 2.012 ug/l

RT: 5.771 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

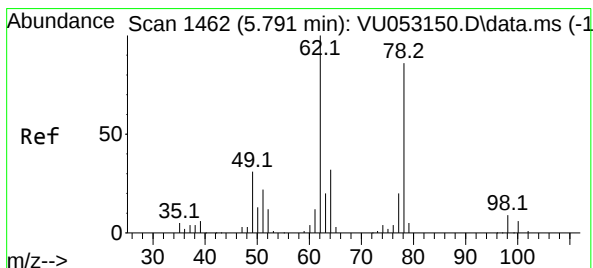
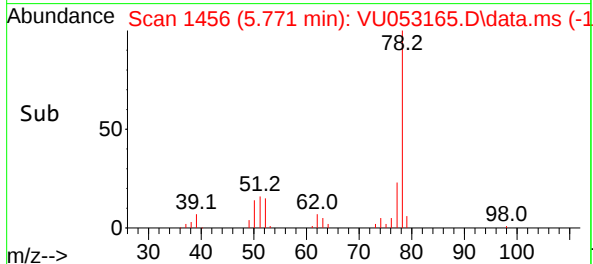
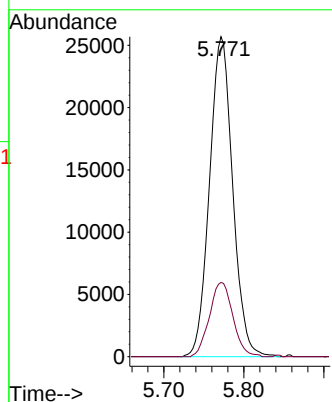
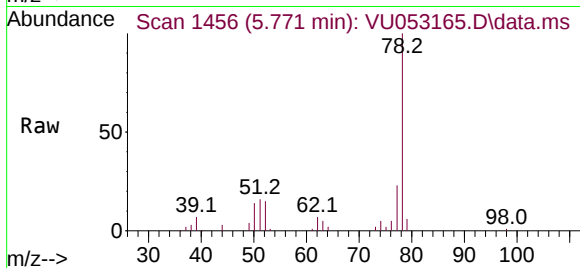
VU0228WBS01

Tgt Ion: 78 Resp: 51674

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3



#36

1,2-Dichloroethane

Concen: 1.935 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053165.D

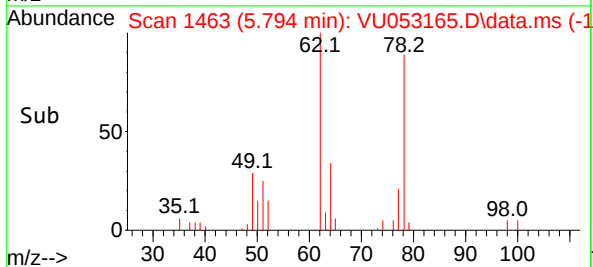
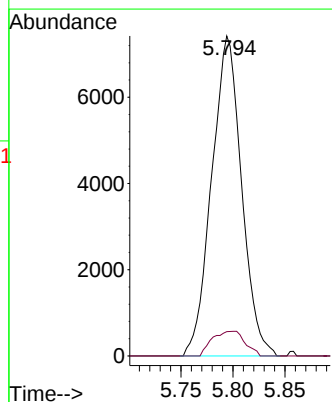
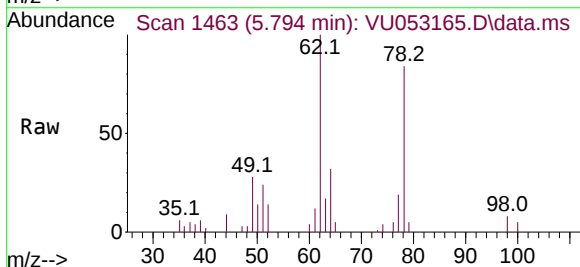
Acq: 28 Feb 2023 11:09

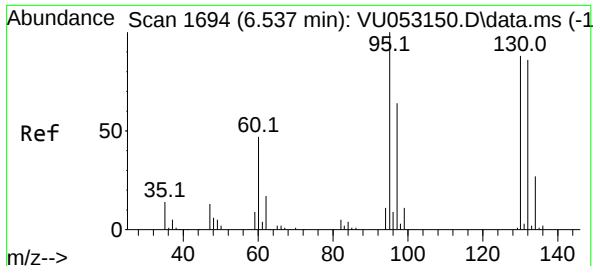
Tgt Ion: 62 Resp: 14855

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4

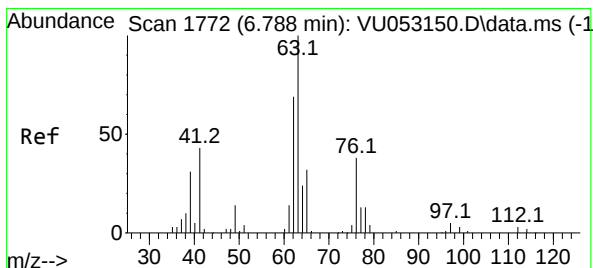
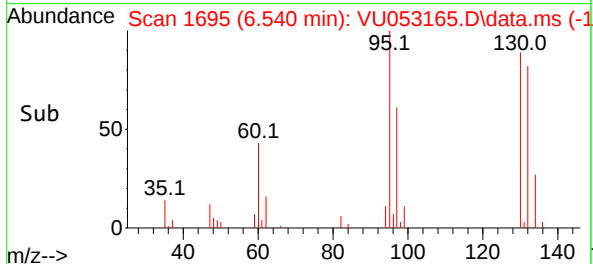
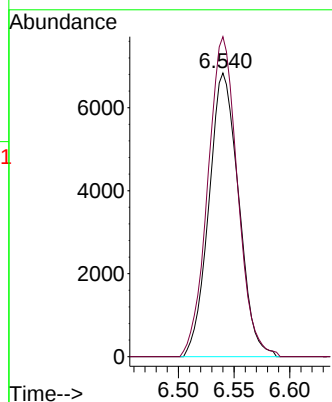
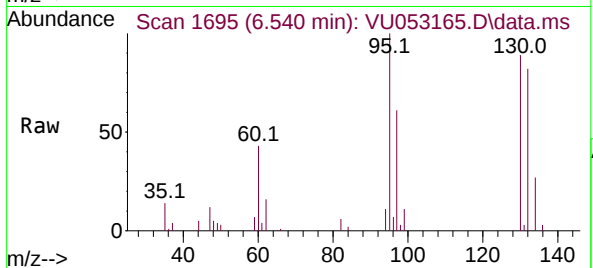




#37
Trichloroethene
Concen: 2.158 ug/l
RT: 6.540 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

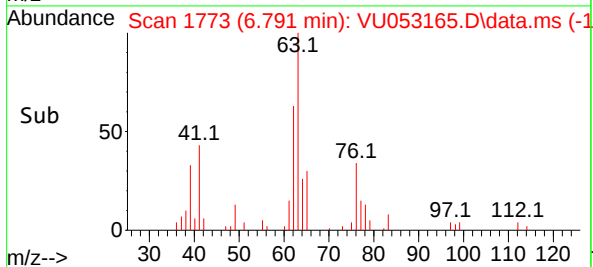
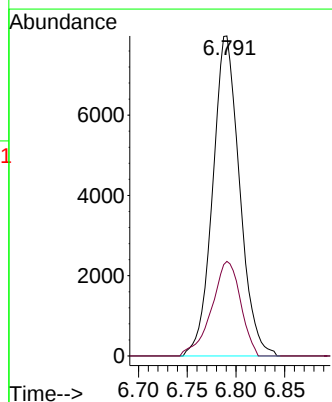
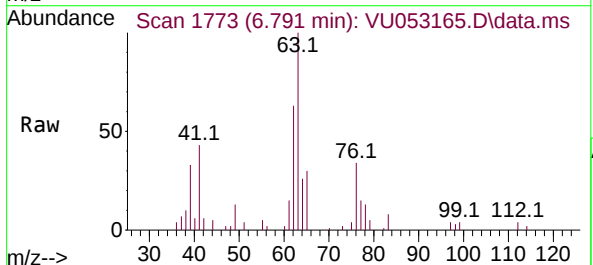
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

Tgt Ion:130 Resp: 12715
Ion Ratio Lower Upper
130 100
95 112.8 91.1 136.7



#38
1,2-Dichloropropane
Concen: 2.060 ug/l
RT: 6.791 min Scan# 1773
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 63 Resp: 15297
Ion Ratio Lower Upper
63 100
65 29.5 25.5 38.3





#39

Methacrylonitrile

Concen: 2.146 ug/l

RT: 4.980 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VU053165.D

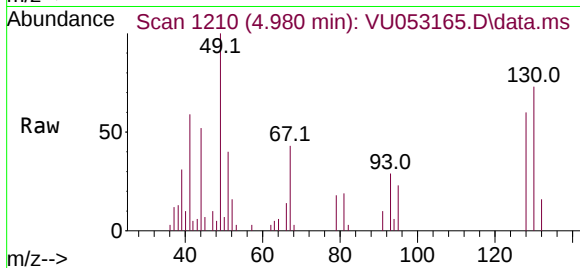
Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01



Tgt Ion: 41 Resp: 5220

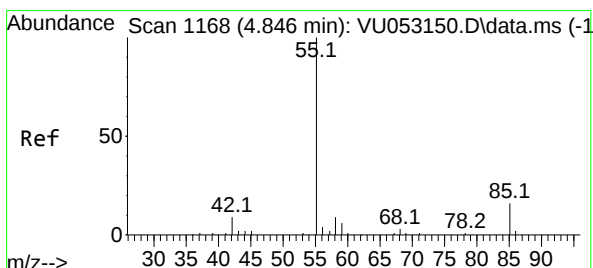
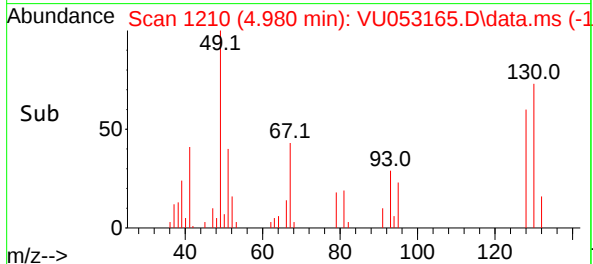
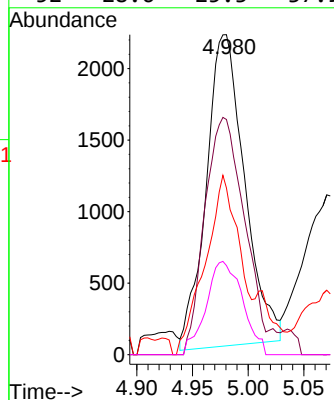
Ion Ratio Lower Upper

41 100

67 80.9 67.1 100.7

39 51.2 42.6 64.0

52 28.6 25.3 37.9



#40

Methyl acrylate

Concen: 1.876 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Tgt Ion: 55 Resp: 7054

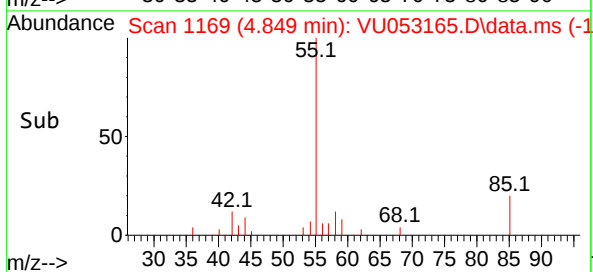
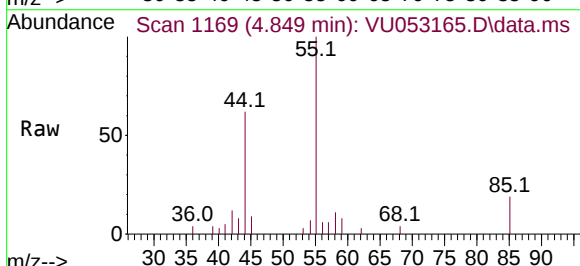
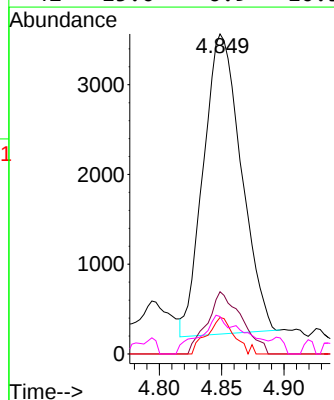
Ion Ratio Lower Upper

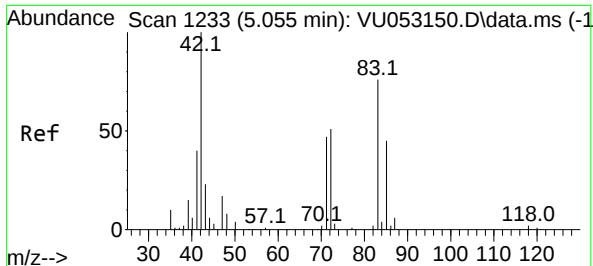
55 100

85 18.8 13.5 20.3

58 8.8 7.3 10.9

42 15.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 4.228 ug/l

RT: 5.067 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

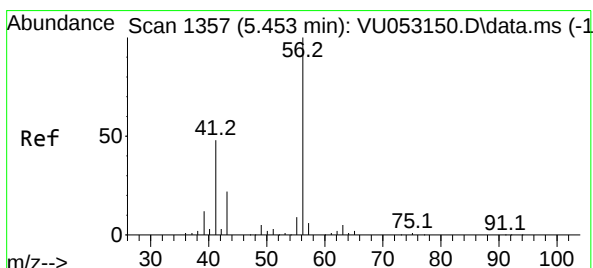
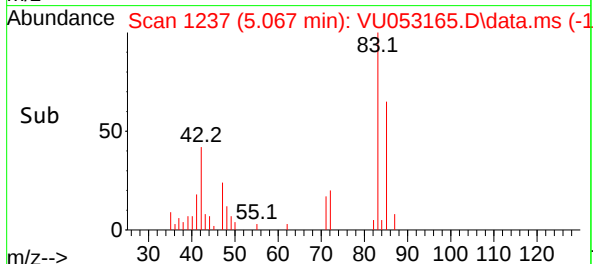
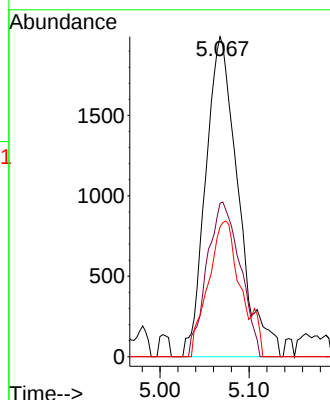
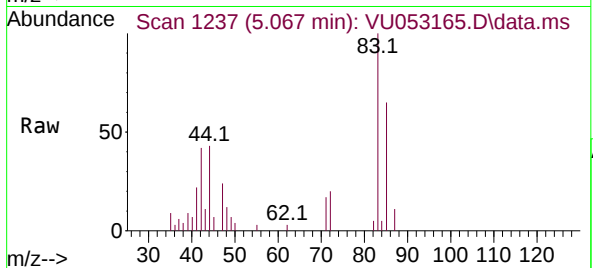
Tgt Ion: 42 Resp: 5043

Ion Ratio Lower Upper

42 100

72 49.3 41.6 62.4

71 39.1 37.9 56.9



#42

1-Chlorobutane

Concen: 1.864 ug/l

RT: 5.456 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU053165.D

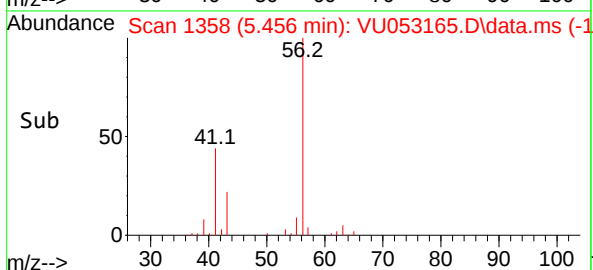
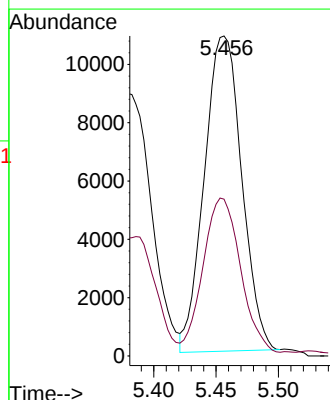
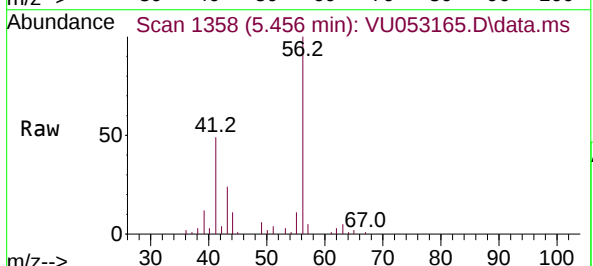
Acq: 28 Feb 2023 11:09

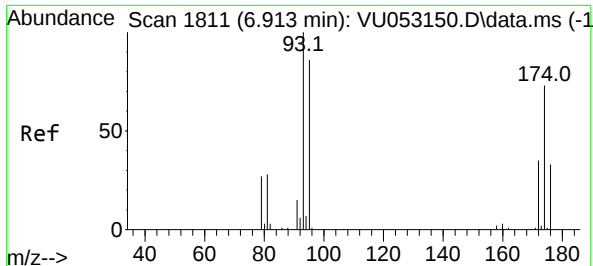
Tgt Ion: 56 Resp: 22582

Ion Ratio Lower Upper

56 100

41 50.2 23.7 71.1





#43

Dibromomethane

Concen: 2.024 ug/l

RT: 6.919 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

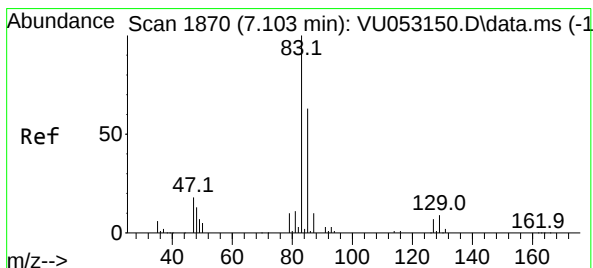
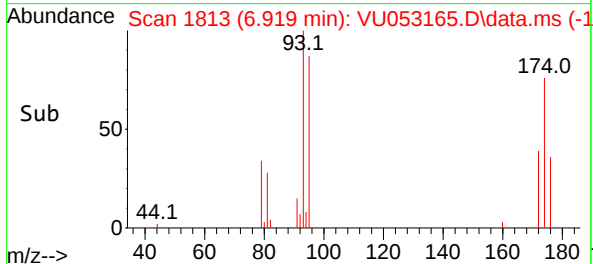
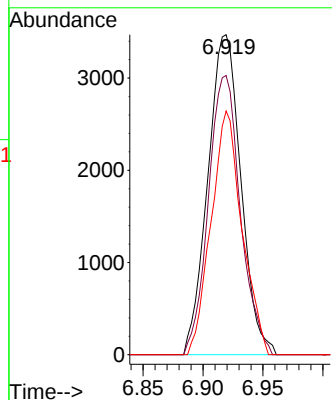
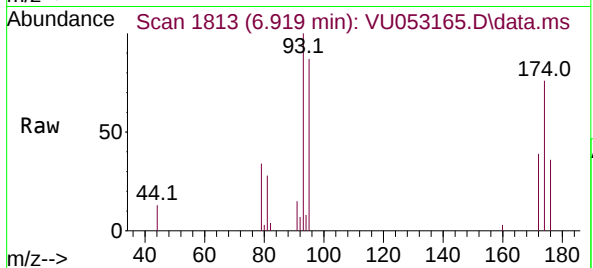
Tgt Ion: 93 Resp: 6662

Ion Ratio Lower Upper

93 100

95 84.3 66.5 99.7

174 71.0 58.2 87.4



#44

Bromodichloromethane

Concen: 2.027 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

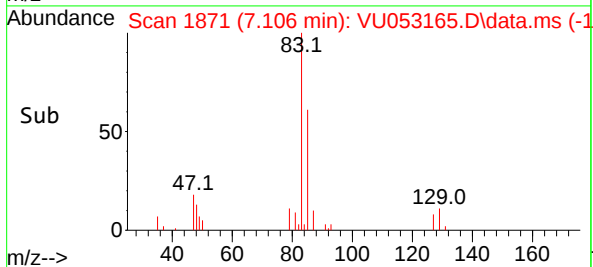
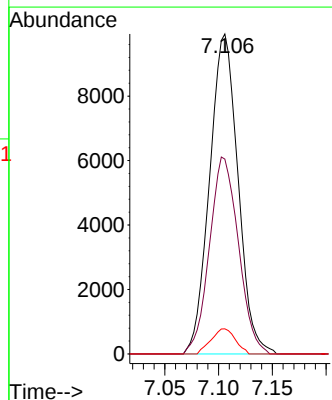
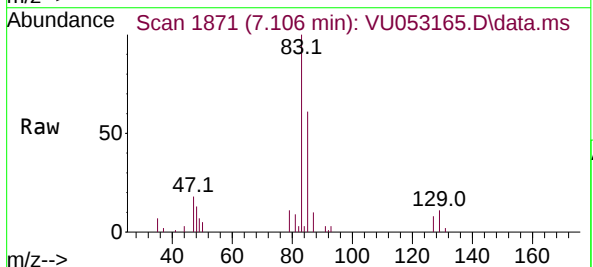
Tgt Ion: 83 Resp: 18250

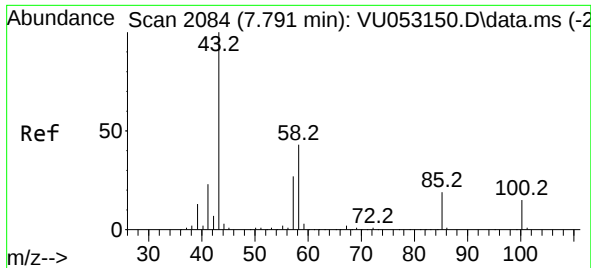
Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

127 7.8 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 10.699 ug/l

RT: 7.794 min Scan# 2085

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

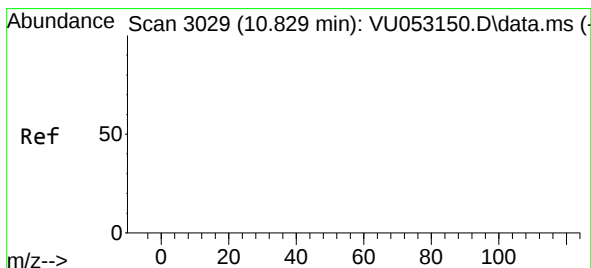
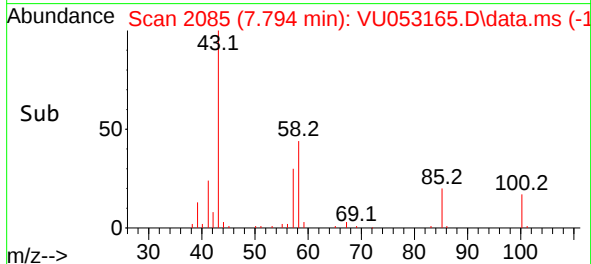
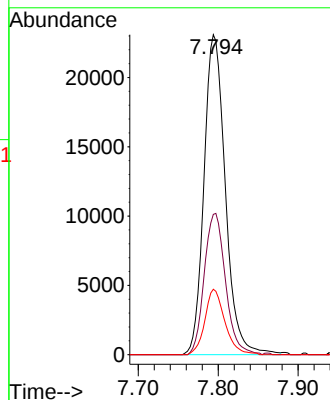
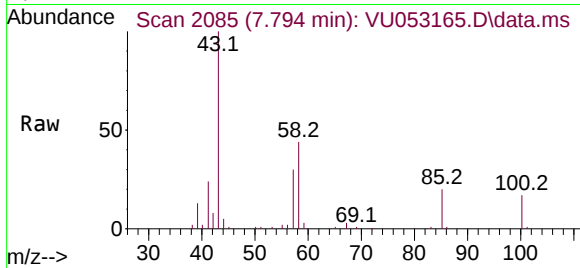
Tgt Ion: 43 Resp: 42998

Ion Ratio Lower Upper

43 100

58 43.8 22.0 66.0

85 19.2 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 8.316 ug/l

RT: 10.823 min Scan# 3027

Delta R.T. -0.007 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Tgt Ion: 75 Resp: 16842

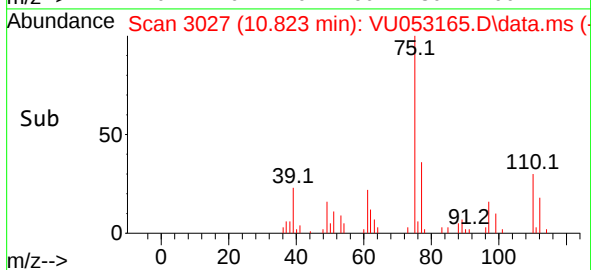
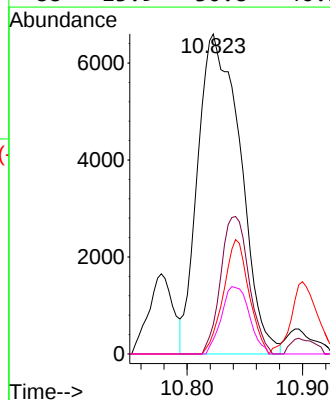
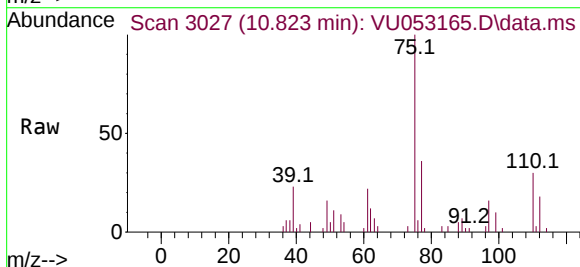
Ion Ratio Lower Upper

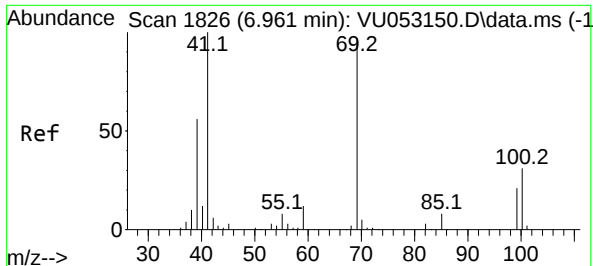
75 100

53 28.7 57.0 85.4#

89 21.4 43.1 64.7#

88 13.9 30.8 46.2#





#47

Methyl methacrylate

Concen: 4.093 ug/l

RT: 6.964 min Scan# 1826

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

Tgt Ion: 69 Resp: 13869

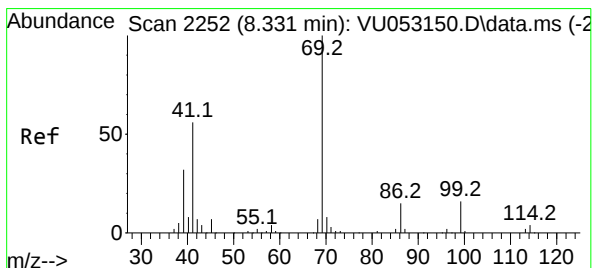
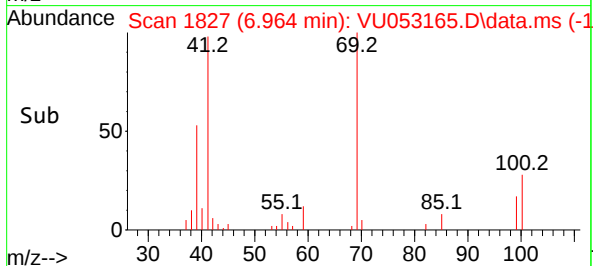
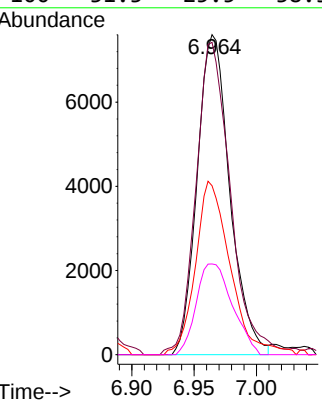
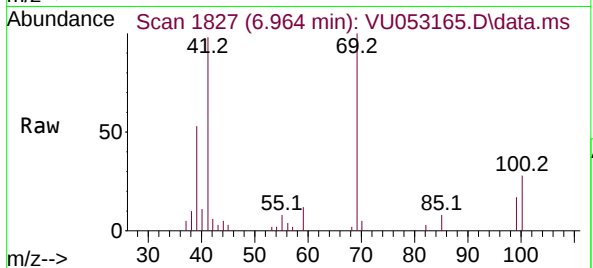
Ion Ratio Lower Upper

69 100

41 102.6 0.0 201.0

39 57.6 47.1 70.7

100 31.3 25.5 38.3



#48

Ethyl methacrylate

Concen: 2.078 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053165.D

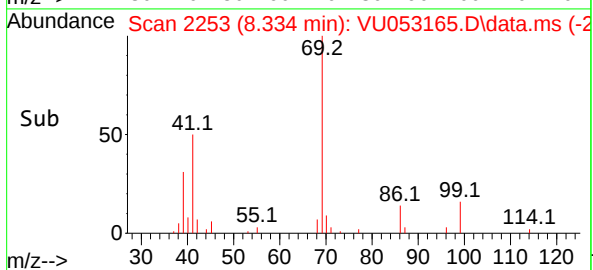
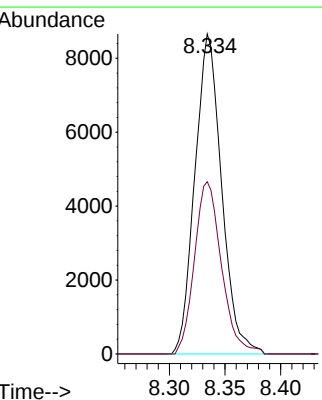
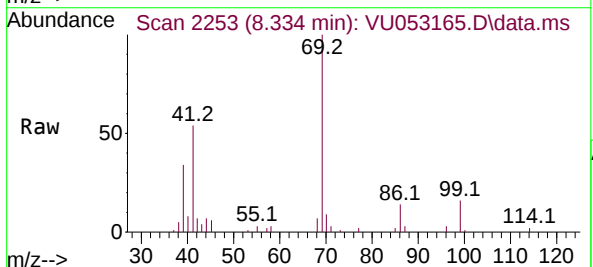
Acq: 28 Feb 2023 11:09

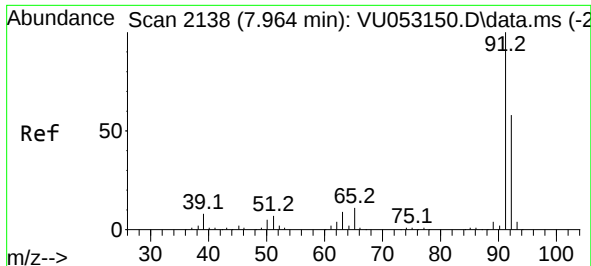
Tgt Ion: 69 Resp: 14447

Ion Ratio Lower Upper

69 100

41 54.4 28.2 84.6





#49

Toluene

Concen: 2.046 ug/l

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

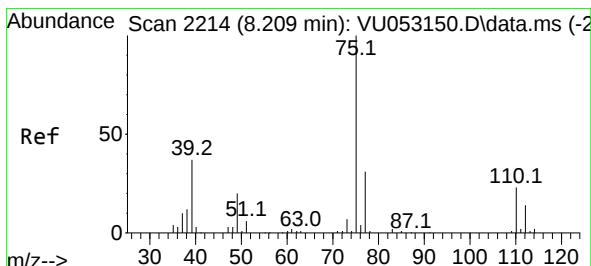
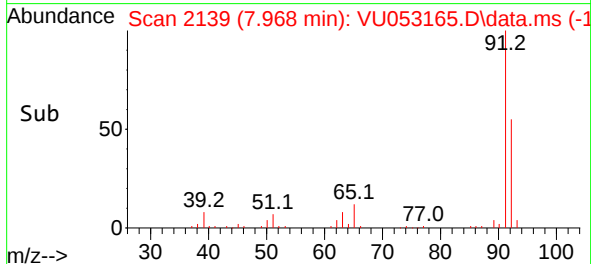
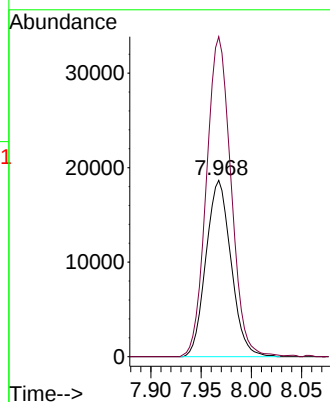
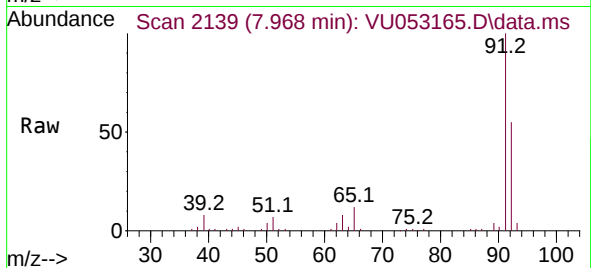
VU0228WBS01

Tgt Ion: 92 Resp: 32359

Ion Ratio Lower Upper

92 100

91 178.4 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 1.985 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053165.D

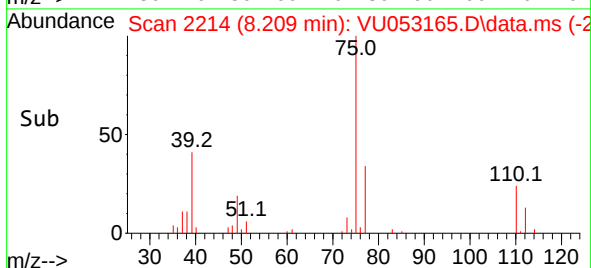
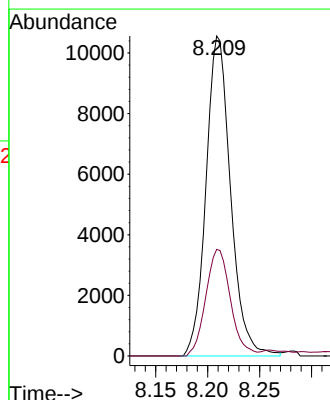
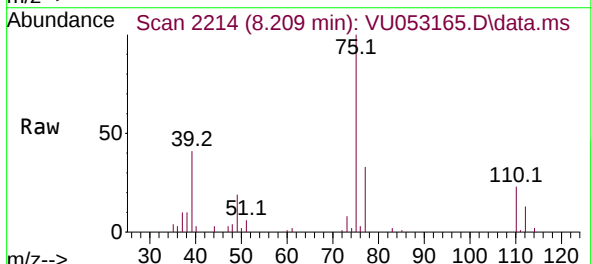
Acq: 28 Feb 2023 11:09

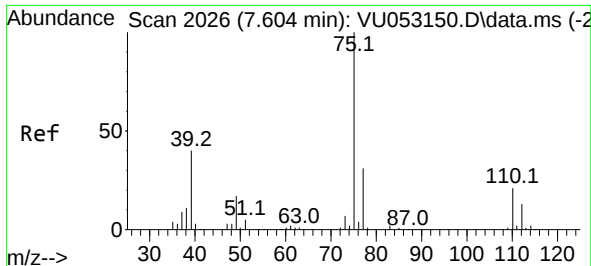
Tgt Ion: 75 Resp: 17365

Ion Ratio Lower Upper

75 100

77 33.3 25.1 37.7

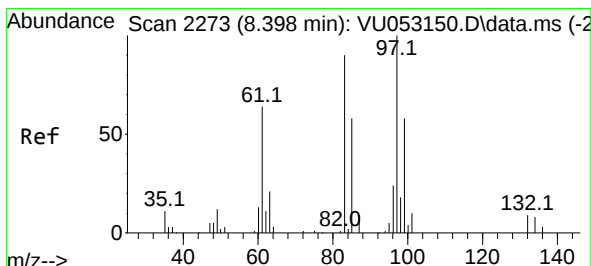
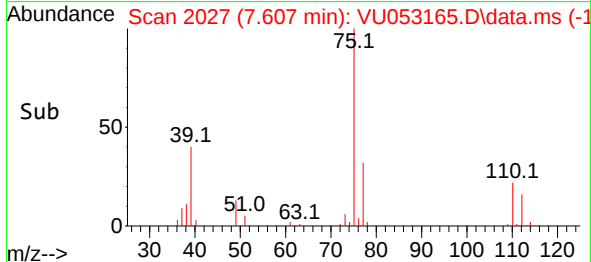
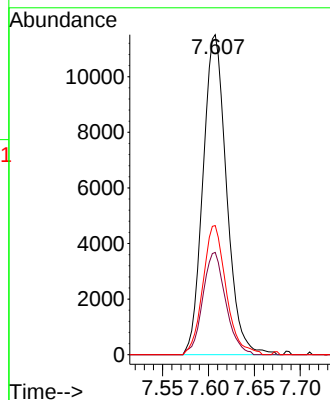
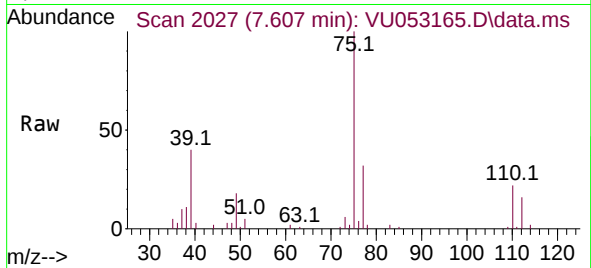




#51
 cis-1,3-Dichloropropene
 Concen: 1.940 ug/l
 RT: 7.607 min Scan# 2026
 Delta R.T. 0.003 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

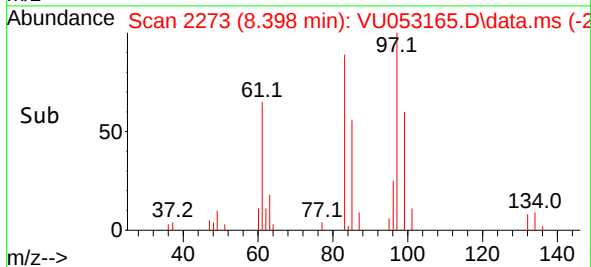
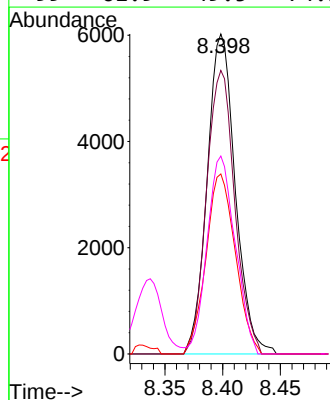
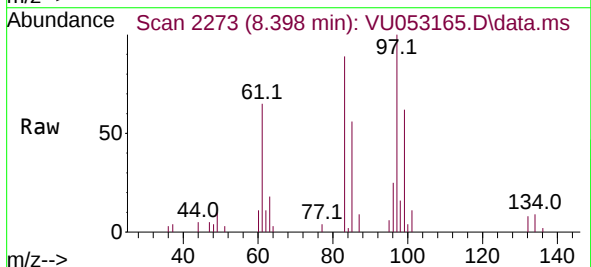
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0228WBS01

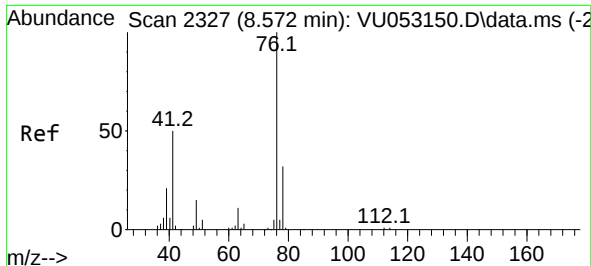
Tgt Ion:	75	Resp:	20562
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	40.4	32.2	48.2



#52
 1,1,2-Trichloroethane
 Concen: 2.112 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

Tgt Ion:	97	Resp:	10211
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.9	107.9
85	56.2	46.5	69.7
99	61.9	49.5	74.3





#53

1,3-Dichloropropane

Concen: 2.098 ug/l

RT: 8.575 min Scan# 2327

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

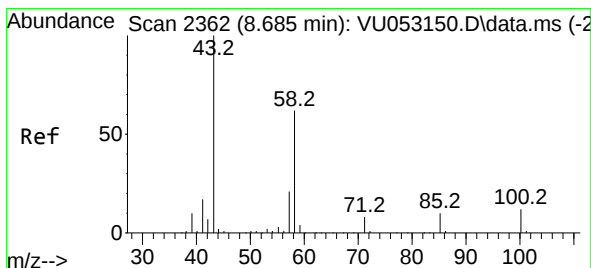
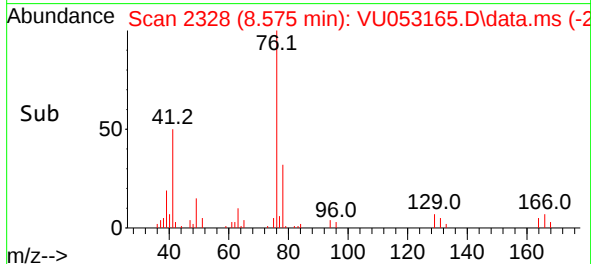
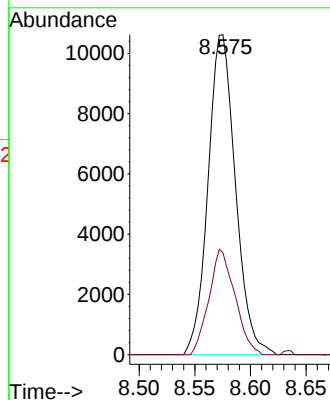
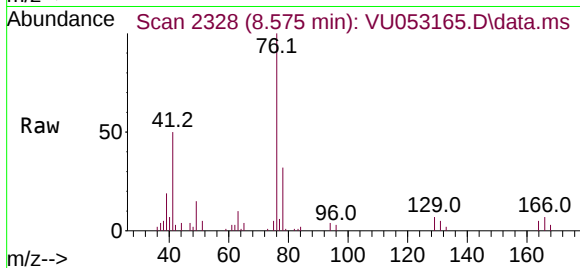
VU0228WBS01

Tgt Ion: 76 Resp: 18190

Ion Ratio Lower Upper

76 100

78 31.2 25.9 38.9



#54

2-Hexanone

Concen: 12.548 ug/l

RT: 8.688 min Scan# 2363

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

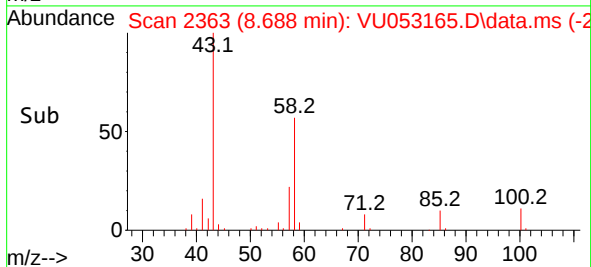
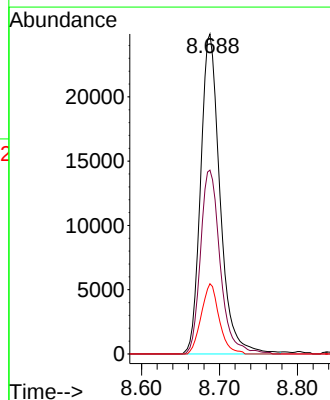
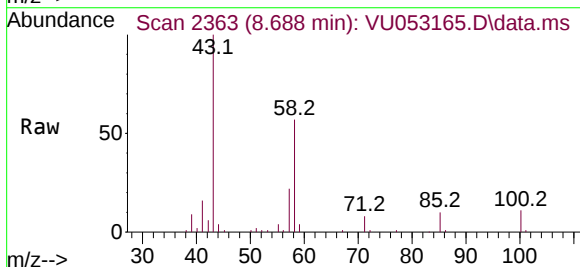
Tgt Ion: 43 Resp: 42969

Ion Ratio Lower Upper

43 100

58 58.4 42.0 82.0

57 20.3 1.2 41.2

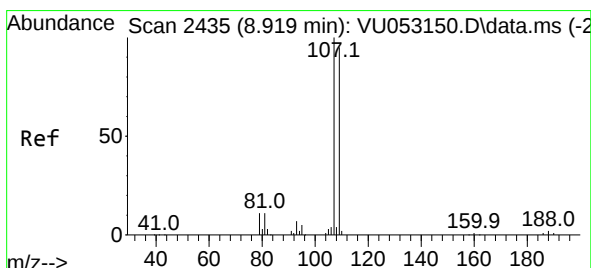
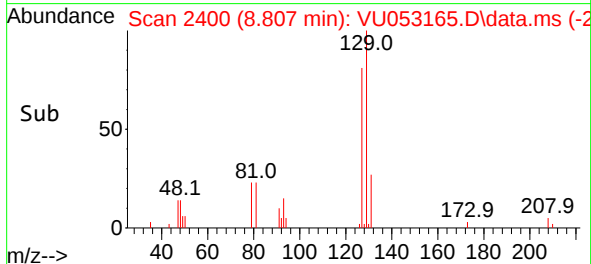
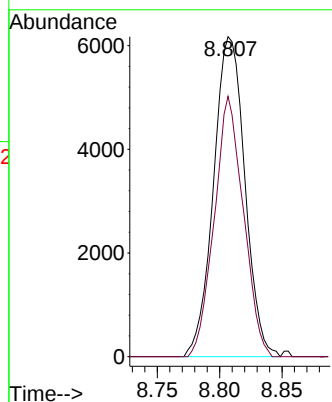
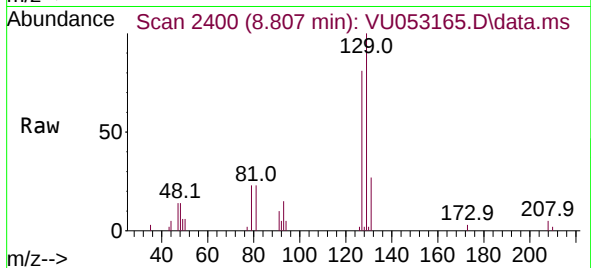




#55
Dibromochloromethane
Concen: 1.958 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

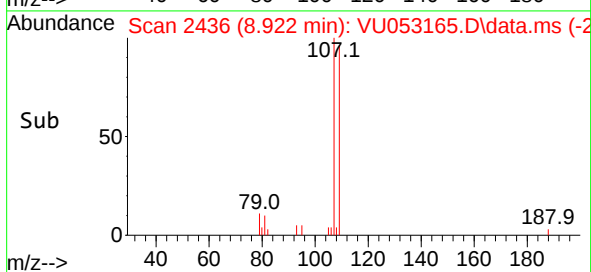
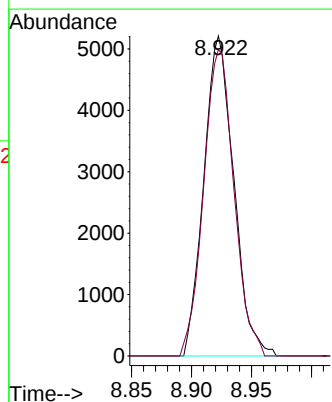
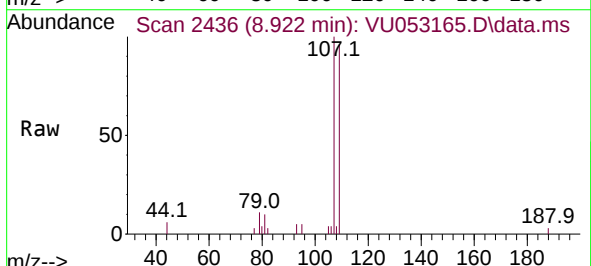
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

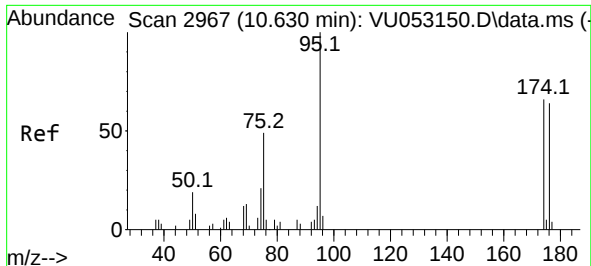
Tgt Ion:129 Resp: 10803
Ion Ratio Lower Upper
129 100
127 75.5 61.1 91.7



#56
1,2-Dibromoethane
Concen: 2.109 ug/l
RT: 8.922 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:107 Resp: 9058
Ion Ratio Lower Upper
107 100
109 97.0 0.0 186.2

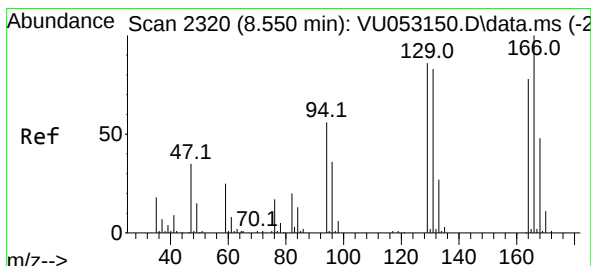
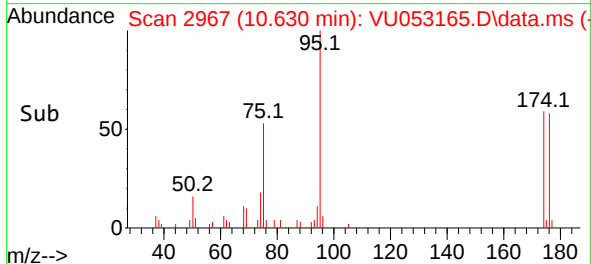
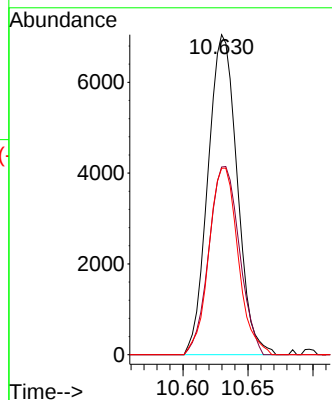
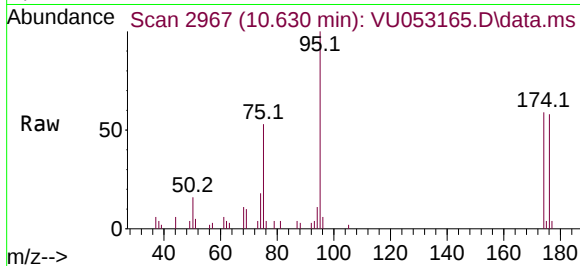




#57
4-Bromofluorobenzene
Concen: 1.018 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

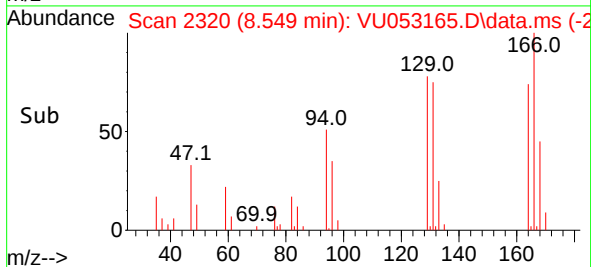
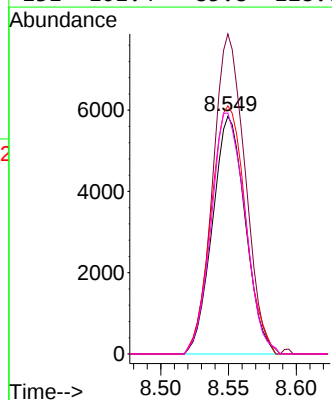
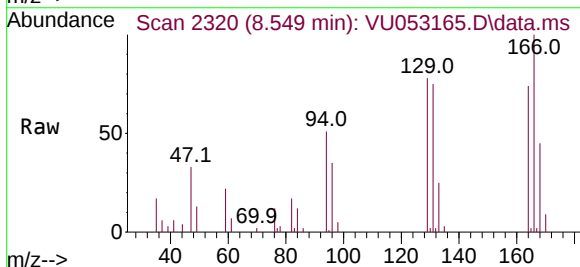
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

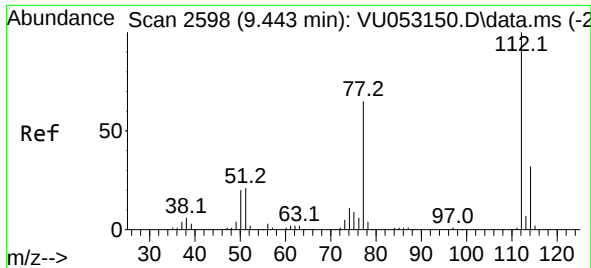
Tgt Ion: 95 Resp: 11012
Ion Ratio Lower Upper
95 100
174 61.3 50.7 76.1
176 58.5 47.8 71.6



#58
Tetrachloroethene
Concen: 2.097 ug/l
RT: 8.549 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 164 Resp: 9852
Ion Ratio Lower Upper
164 100
166 134.6 103.2 154.8
129 104.4 88.8 133.2
131 101.4 85.8 128.6





#59

Chlorobenzene

Concen: 2.089 ug/l

RT: 9.443 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

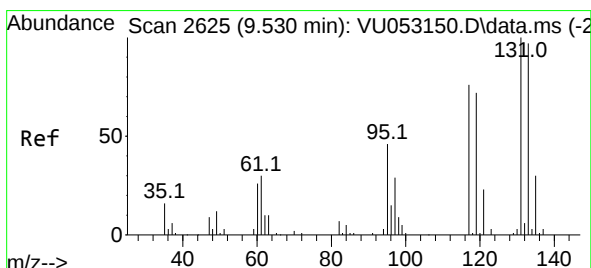
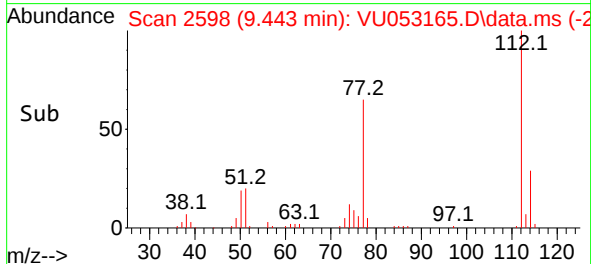
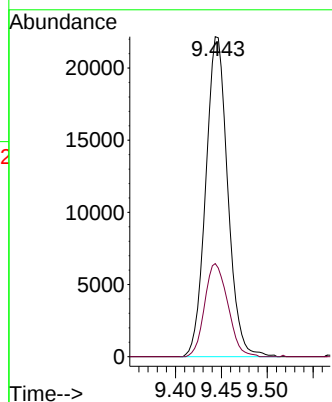
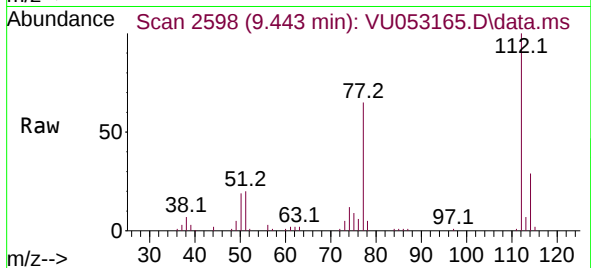
VU0228WBS01

Tgt Ion:112 Resp: 36950

Ion Ratio Lower Upper

112 100

114 29.1 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.092 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

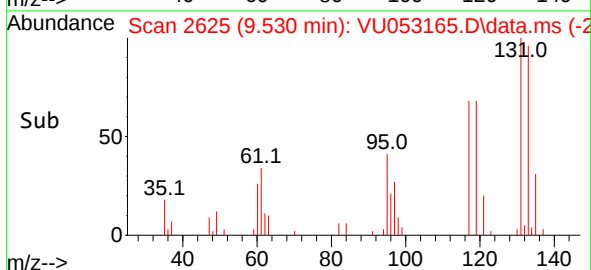
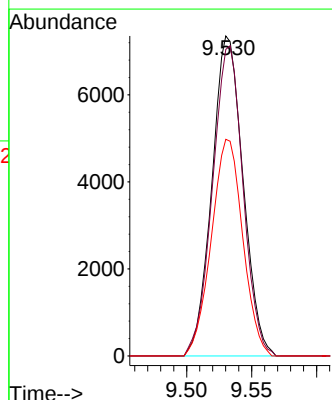
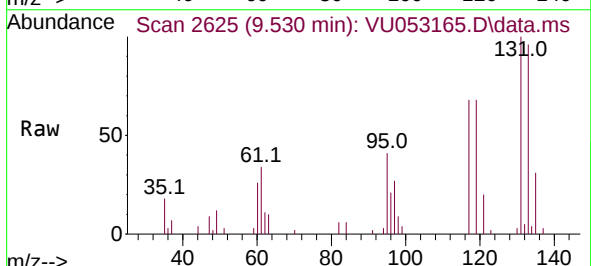
Tgt Ion:131 Resp: 12221

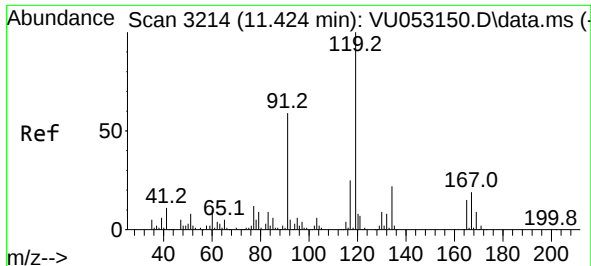
Ion Ratio Lower Upper

131 100

133 95.2 76.7 115.1

119 68.4 57.6 86.4

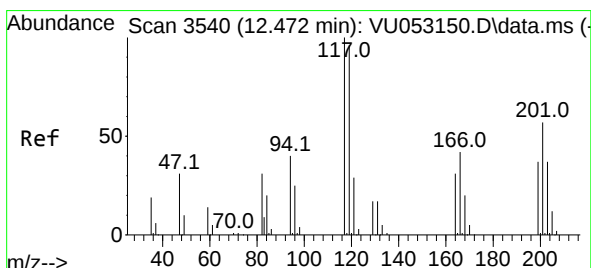
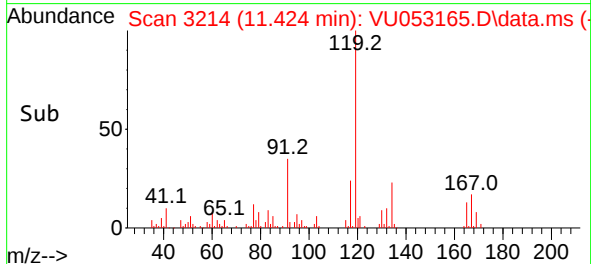
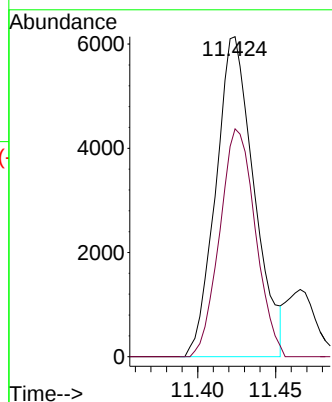
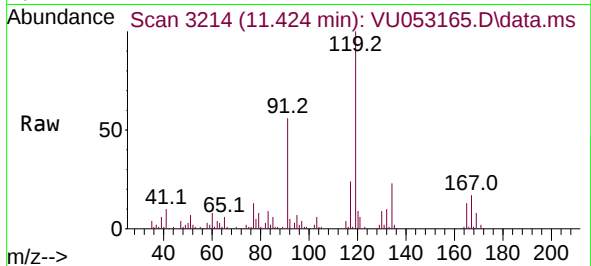




#61
Pentachloroethane
Concen: 2.061 ug/l
RT: 11.424 min Scan# 3117
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

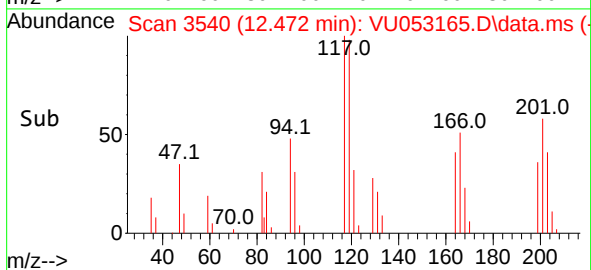
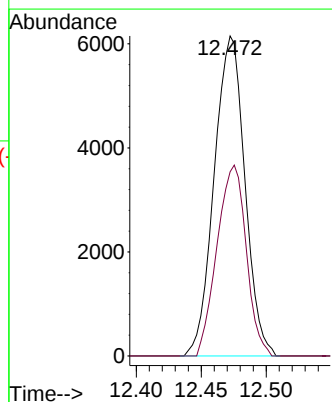
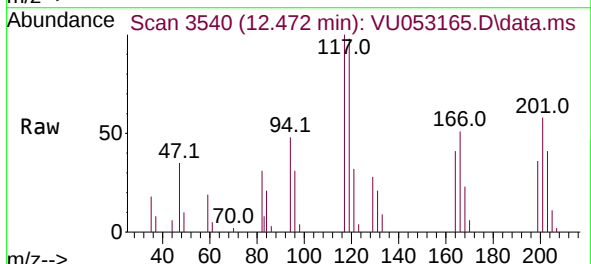
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

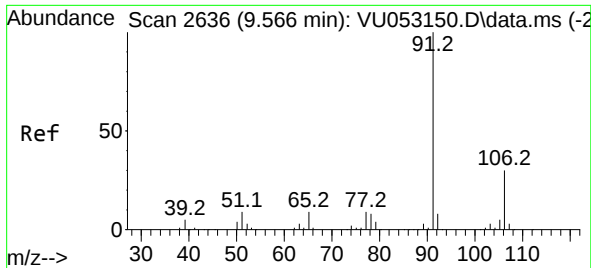
Tgt Ion:117 Resp: 10461
Ion Ratio Lower Upper
117 100
167 66.6 57.5 86.3



#62
Hexachloroethane
Concen: 1.805 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:117 Resp: 10099
Ion Ratio Lower Upper
117 100
201 56.7 46.7 70.1

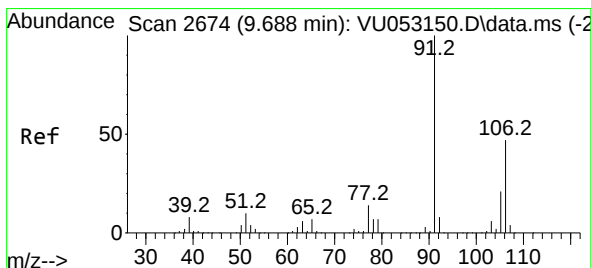
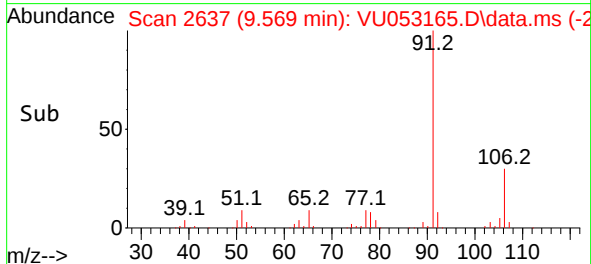
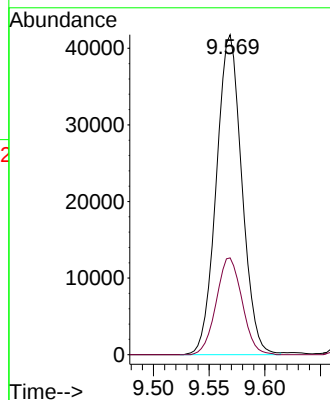
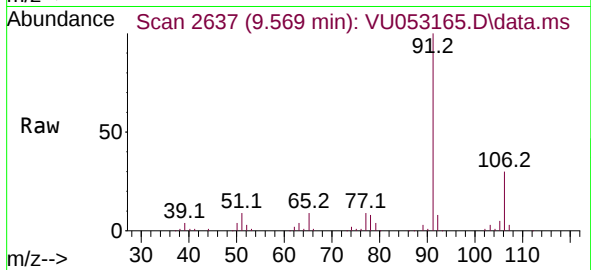




#63
Ethyl Benzene
Concen: 2.040 ug/l
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

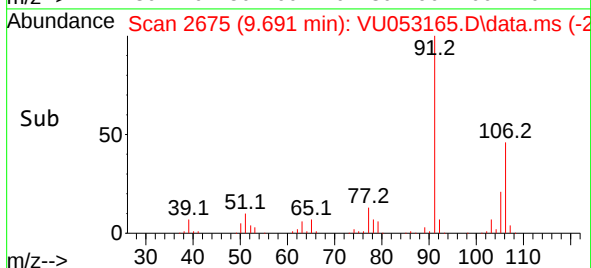
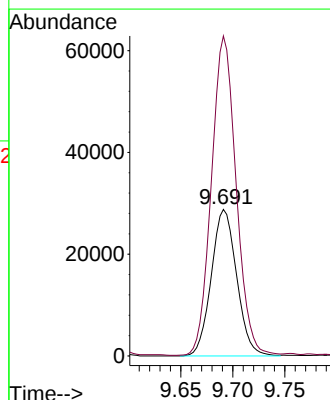
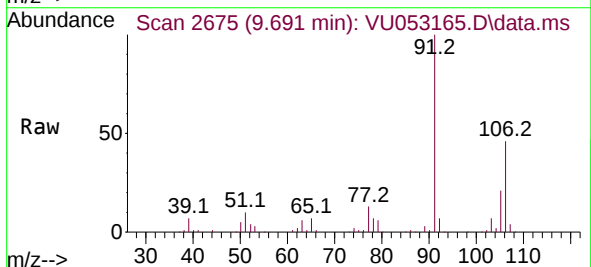
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

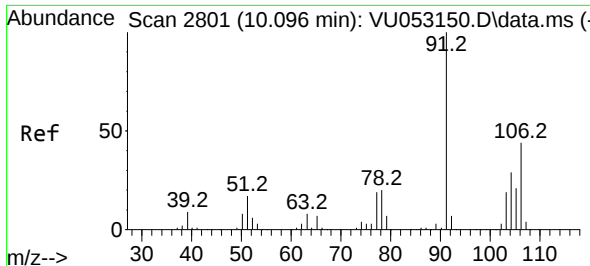
Tgt Ion: 91 Resp: 66576
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#64
m/p-Xylenes
Concen: 4.132 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:106 Resp: 48914
Ion Ratio Lower Upper
106 100
91 211.9 170.7 256.1

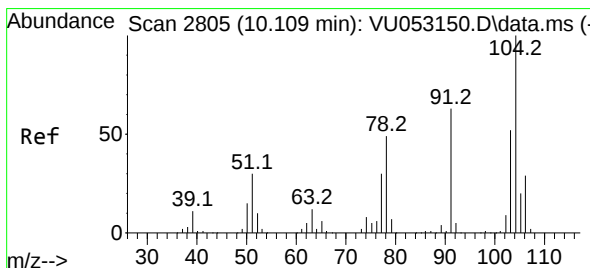
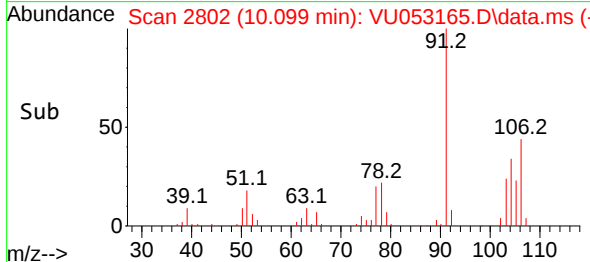
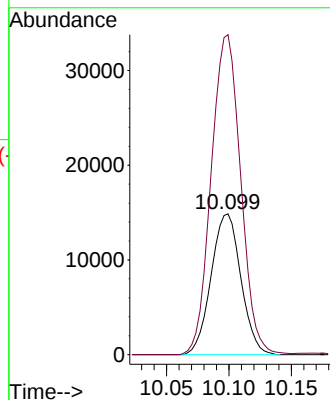
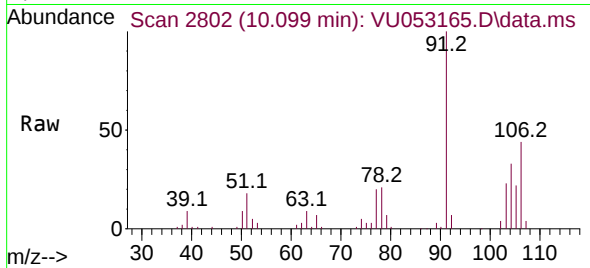




#65
o-Xylene
Concen: 2.043 ug/l
RT: 10.099 min Scan# 2801
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

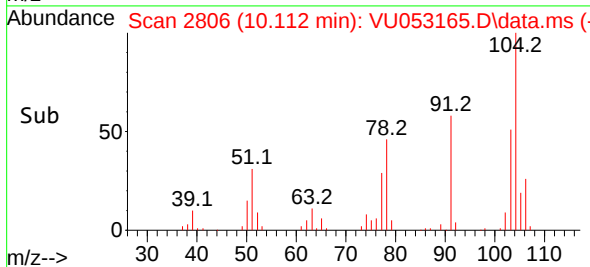
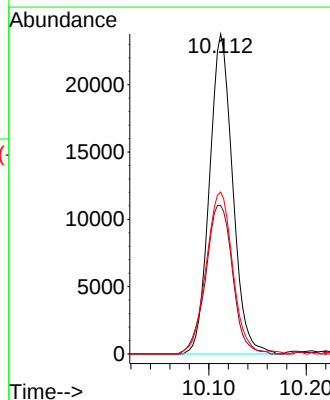
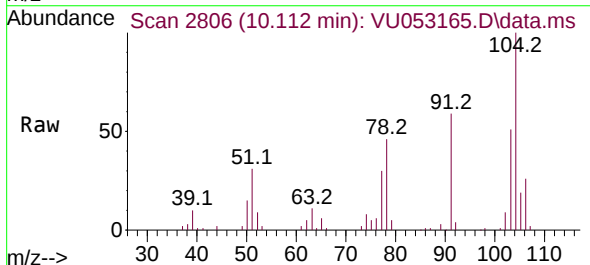
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

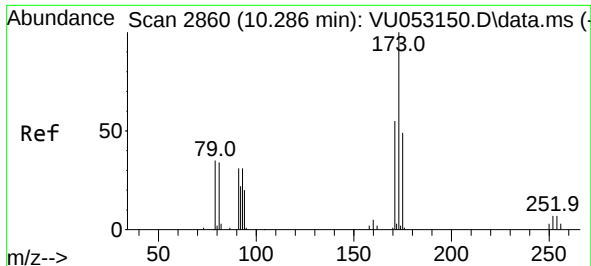
Tgt Ion:106 Resp: 24695
Ion Ratio Lower Upper
106 100
91 225.6 112.8 338.4



#66
Styrene
Concen: 2.053 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:104 Resp: 39344
Ion Ratio Lower Upper
104 100
78 53.8 43.3 64.9
103 57.8 45.2 67.8

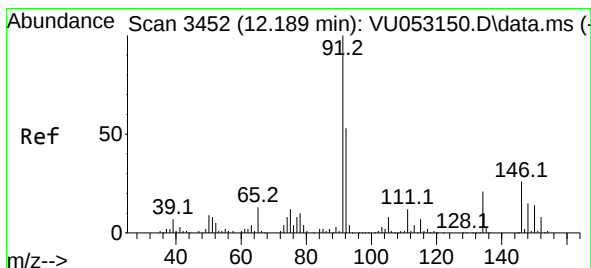
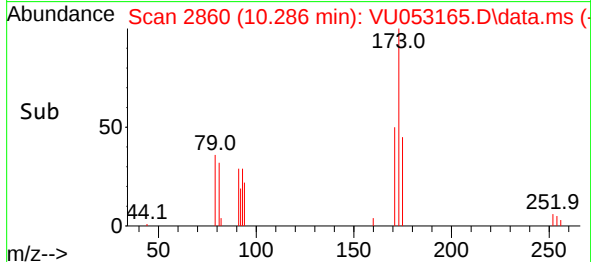
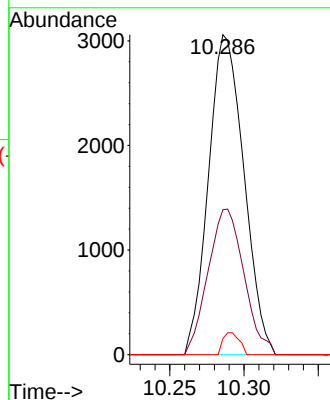
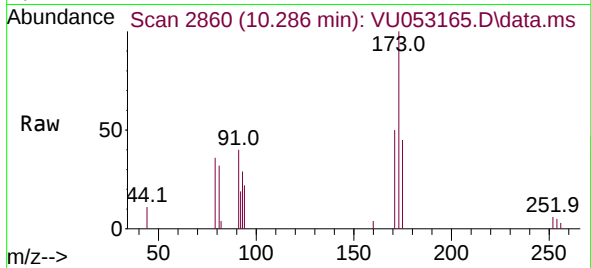




#67
Bromoform
Concen: 1.888 ug/l
RT: 10.286 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

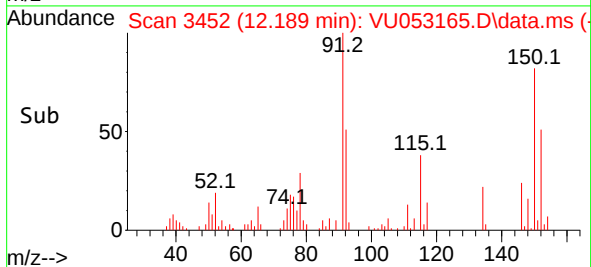
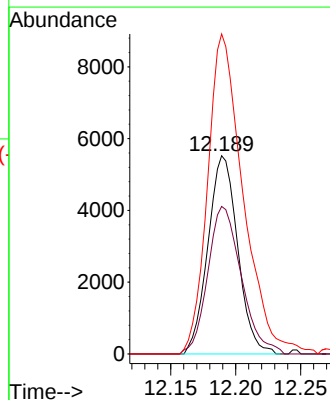
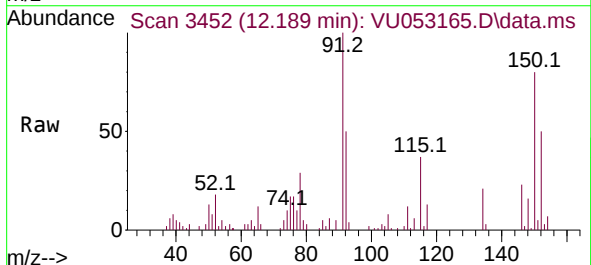
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

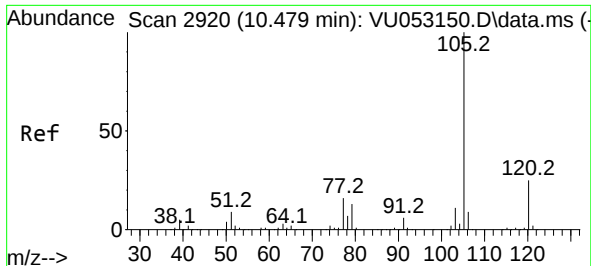
Tgt Ion:173 Resp: 5064
Ion Ratio Lower Upper
173 100
175 46.2 38.7 58.1
254 3.2 5.8 8.8#



#68
1,2-Dichlorobenzene-d4
Concen: 1.025 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:152 Resp: 8789
Ion Ratio Lower Upper
152 100
115 83.8 0.0 267.8
150 193.1 0.0 623.0

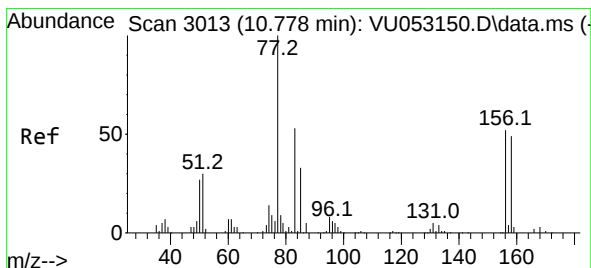
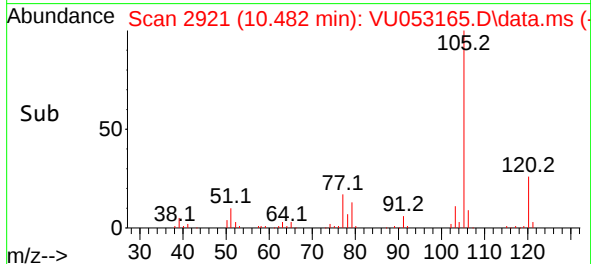
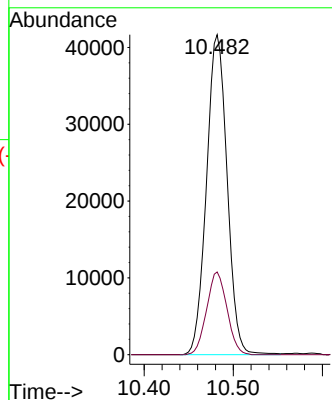
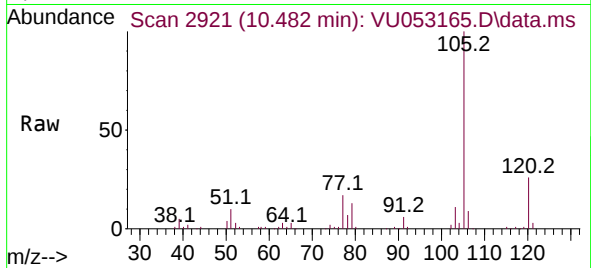




#69
Isopropylbenzene
Concen: 2.066 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

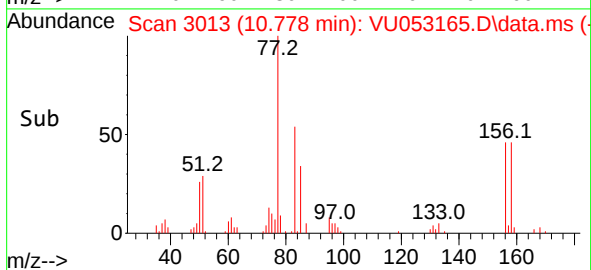
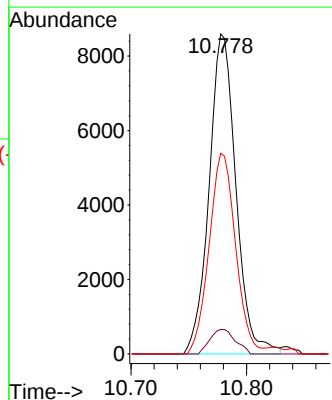
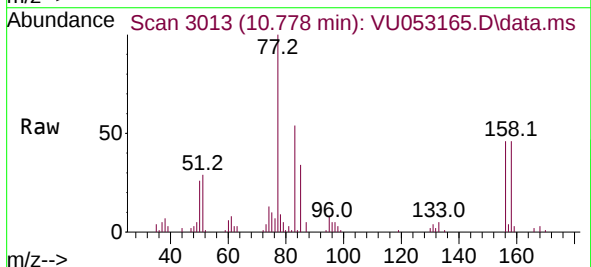
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

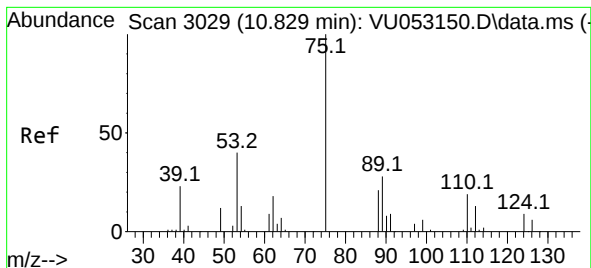
Tgt Ion:105 Resp: 66908
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 2.129 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 83 Resp: 13870
Ion Ratio Lower Upper
83 100
131 7.2 6.6 9.8
85 61.9 49.3 73.9





#71

1,2,3-Trichloropropane

Concen: 3.003 ug/l

RT: 10.823 min Scan# 3029

Delta R.T. -0.007 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

Tgt Ion: 75 Resp: 16842

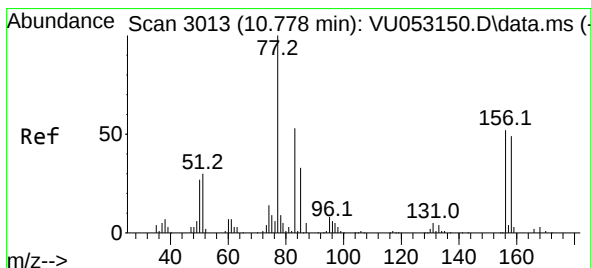
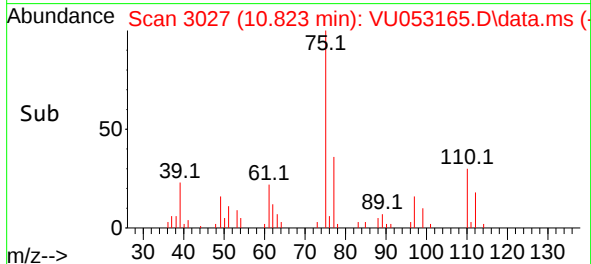
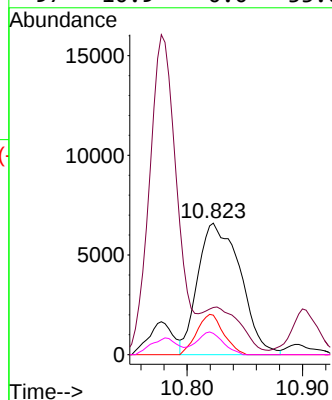
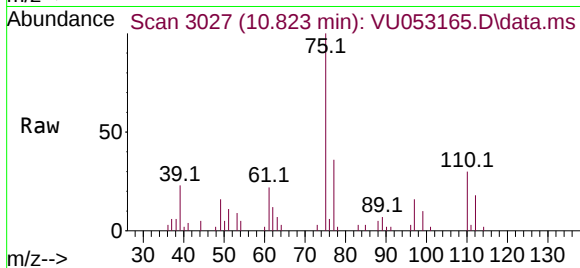
Ion Ratio Lower Upper

75 100

77 0.0 0.0 98.2

110 19.3 0.0 57.0

97 10.9 0.0 33.6



#72

Bromobenzene

Concen: 2.096 ug/l

RT: 10.781 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

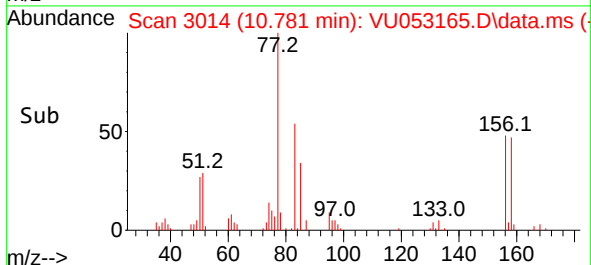
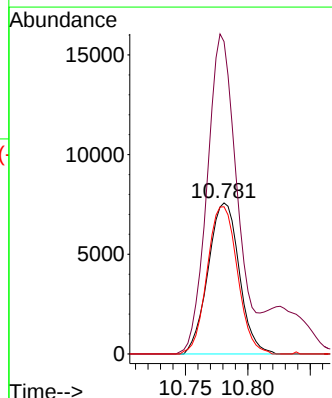
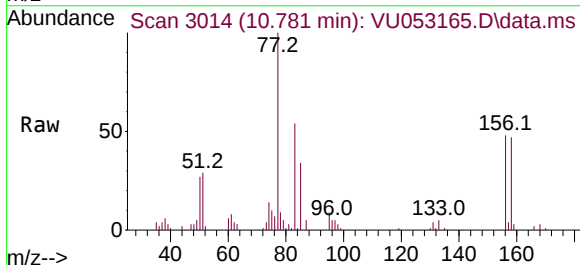
Tgt Ion:156 Resp: 13168

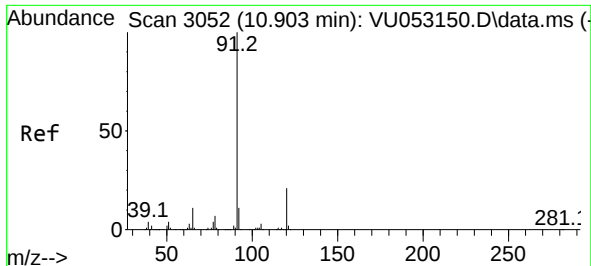
Ion Ratio Lower Upper

156 100

77 202.9 0.0 397.0

158 95.0 0.0 189.2

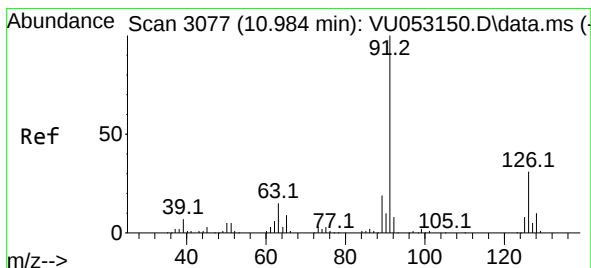
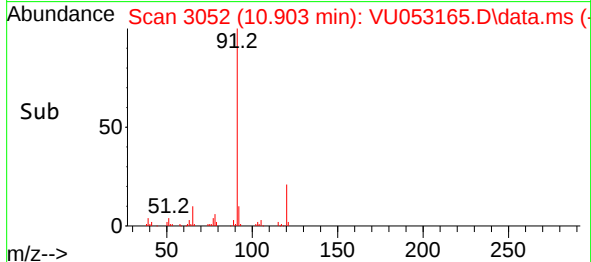
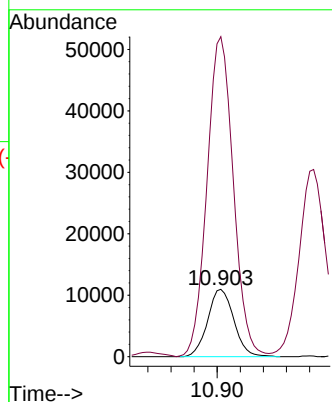
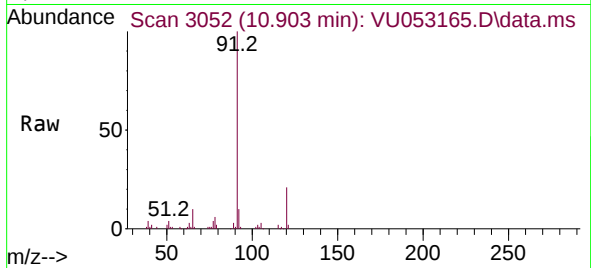




#73
n-propylbenzene
Concen: 2.007 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

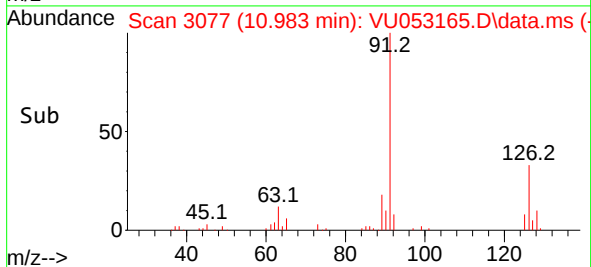
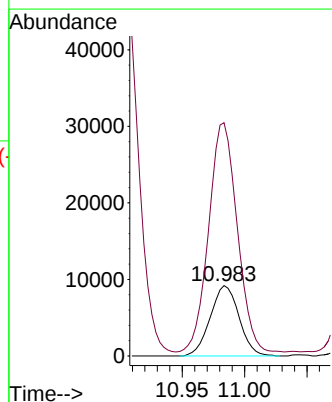
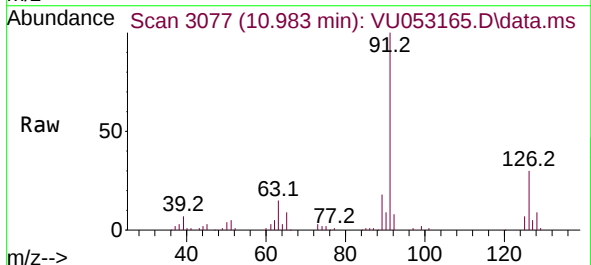
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

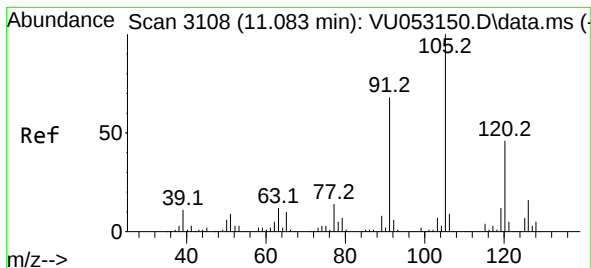
Tgt Ion:120 Resp: 17241
Ion Ratio Lower Upper
120 100
91 478.7 372.5 558.7



#74
2-Chlorotoluene
Concen: 2.074 ug/l
RT: 10.983 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:126 Resp: 14755
Ion Ratio Lower Upper
126 100
91 327.5 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 2.065 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

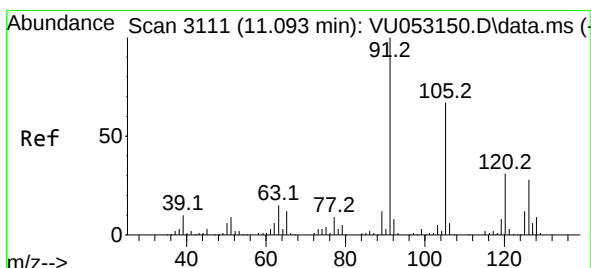
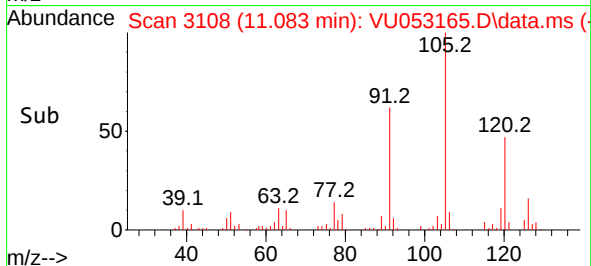
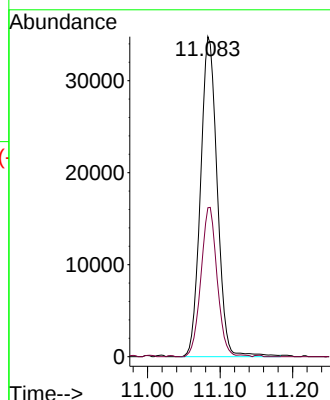
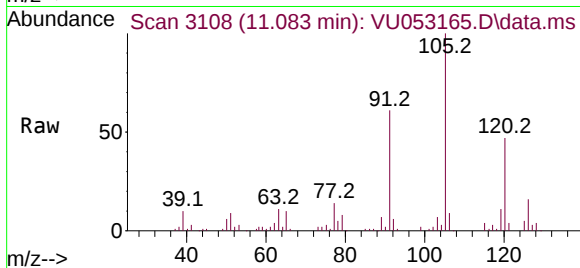
VU0228WBS01

Tgt Ion:105 Resp: 55628

Ion Ratio Lower Upper

105 100

120 45.0 36.5 54.7



#76

4-Chlorotoluene

Concen: 2.133 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053165.D

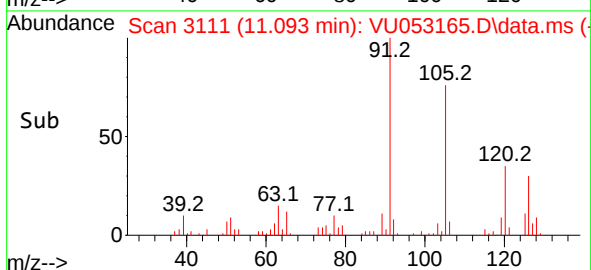
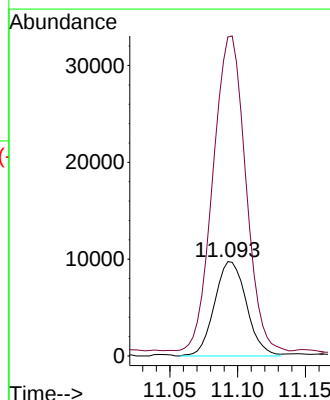
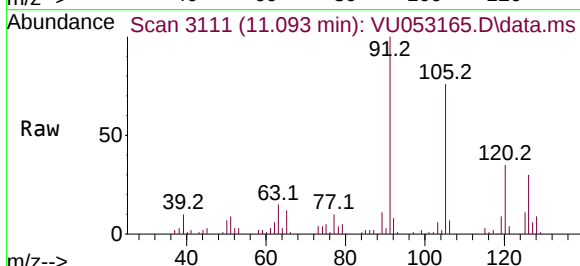
Acq: 28 Feb 2023 11:09

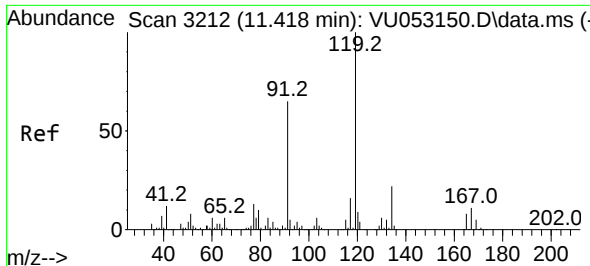
Tgt Ion:126 Resp: 15950

Ion Ratio Lower Upper

126 100

91 340.1 0.0 760.6

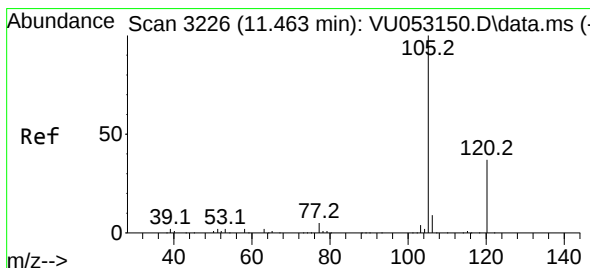
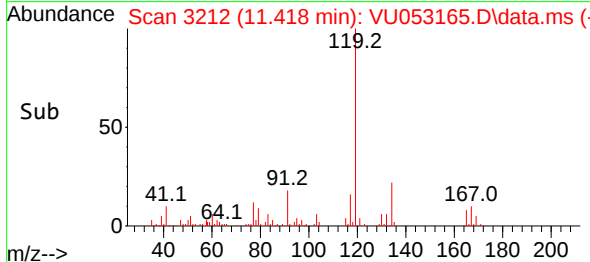
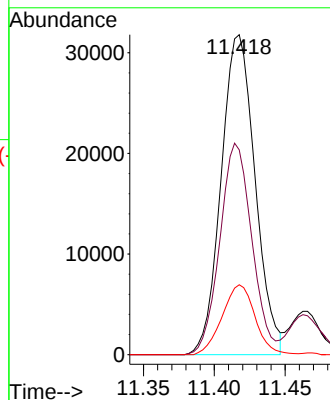
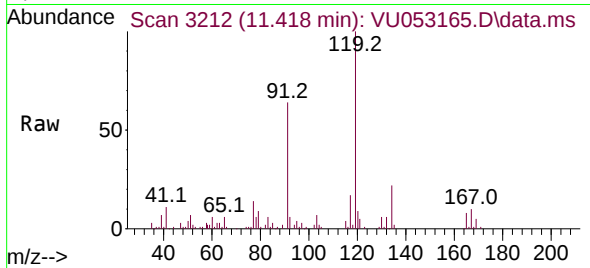




#77
tert-Butylbenzene
Concen: 2.012 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

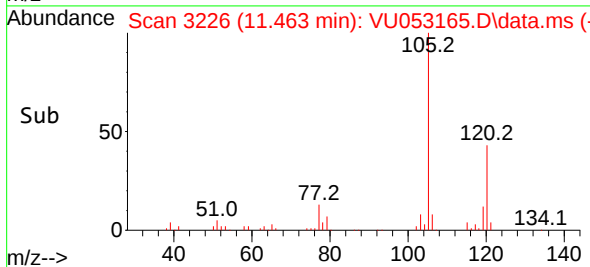
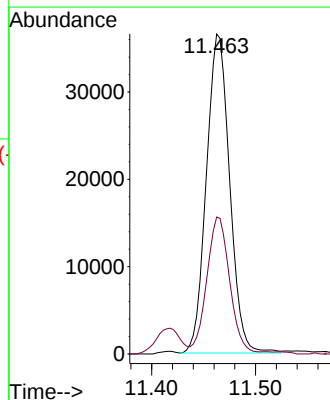
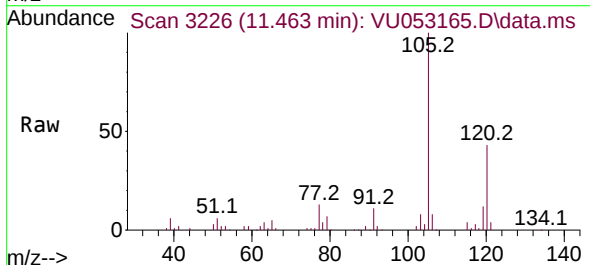
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

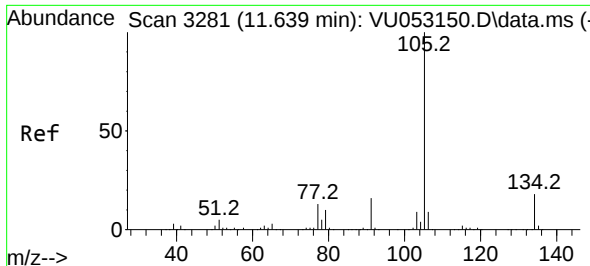
Tgt Ion:119 Resp: 53120
Ion Ratio Lower Upper
119 100
91 62.2 31.9 95.7
134 21.2 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 2.072 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:105 Resp: 56888
Ion Ratio Lower Upper
105 100
120 41.2 21.1 63.1

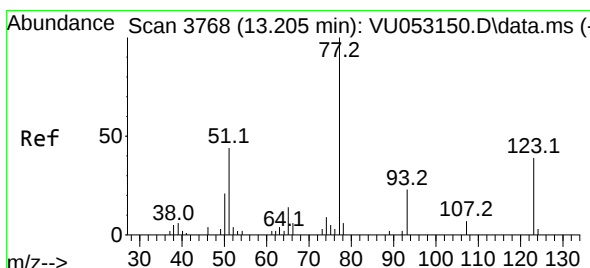
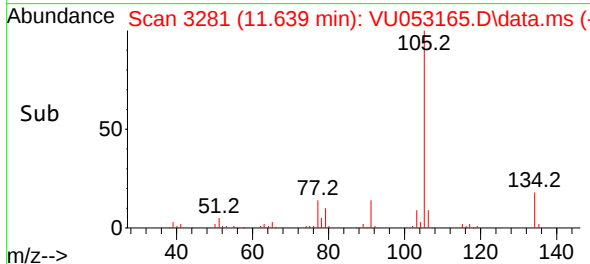
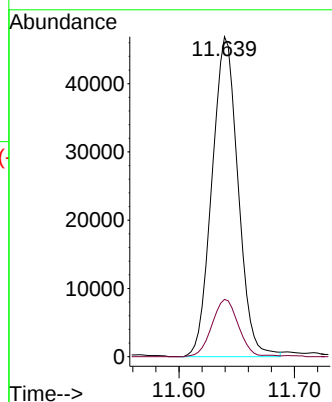
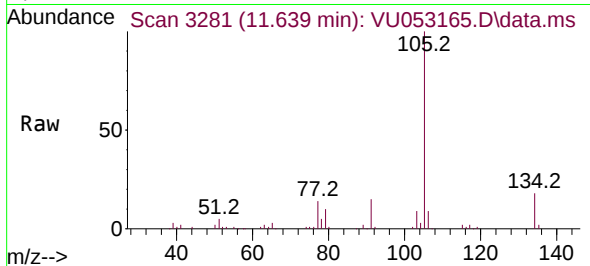




#79
 sec-Butylbenzene
 Concen: 2.008 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

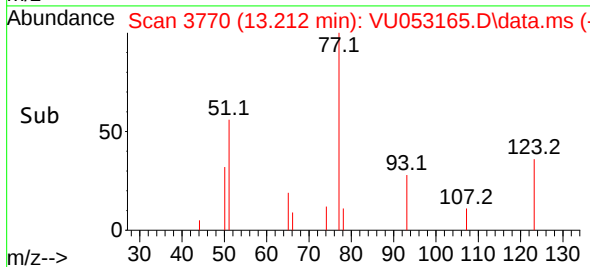
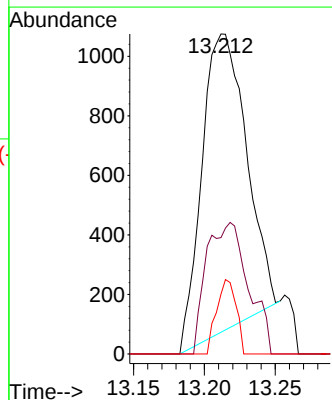
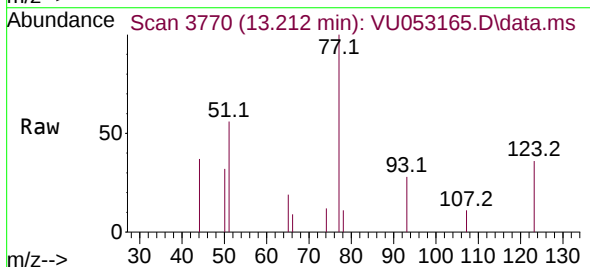
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0228WBS01

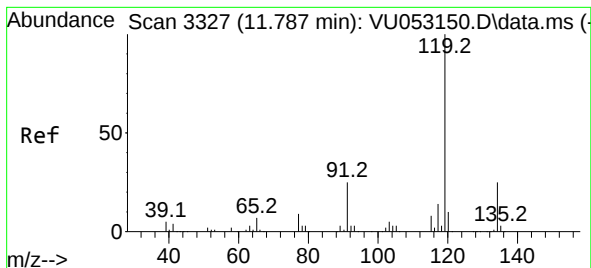
Tgt Ion:105 Resp: 73555
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6



#80
 Nitrobenzene
 Concen: 6.457 ug/l
 RT: 13.212 min Scan# 3770
 Delta R.T. 0.006 min
 Lab File: VU053165.D
 Acq: 28 Feb 2023 11:09

Tgt Ion: 77 Resp: 2199
 Ion Ratio Lower Upper
 77 100
 123 41.3 17.0 60.2
 65 10.9 12.9 16.5#





#81

p-Isopropyltoluene

Concen: 1.952 ug/l

RT: 11.787 min Scan# 3327

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

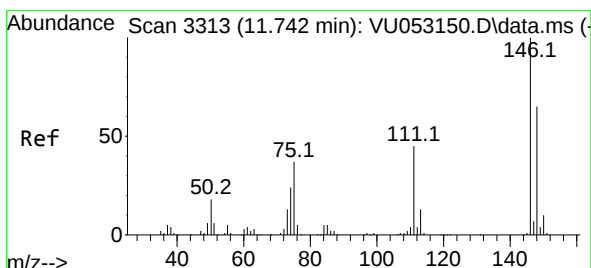
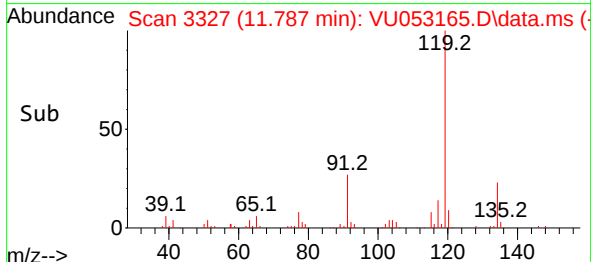
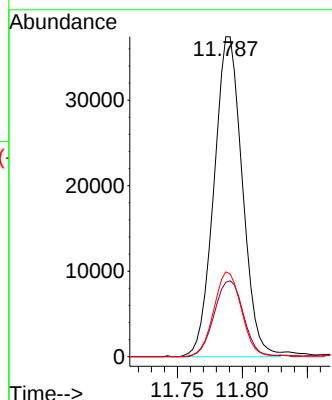
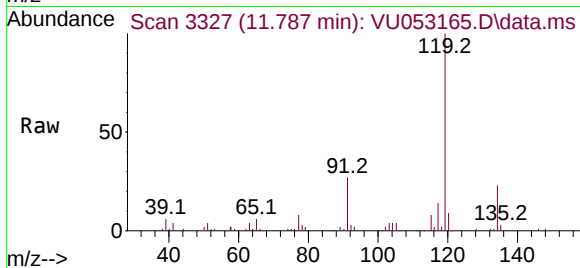
Tgt Ion:119 Resp: 56641

Ion Ratio Lower Upper

119 100

134 24.6 19.8 29.6

91 25.8 20.5 30.7



#82

1,3-Dichlorobenzene

Concen: 2.068 ug/l

RT: 11.742 min Scan# 3313

Delta R.T. -0.000 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

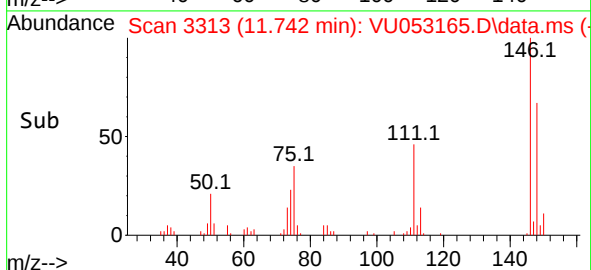
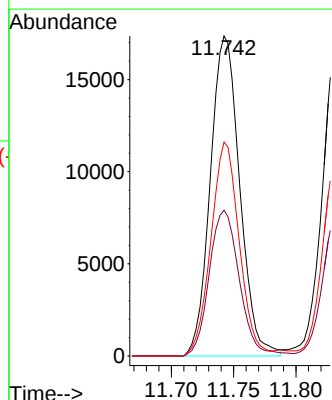
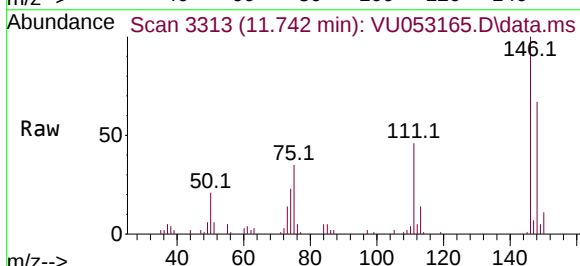
Tgt Ion:146 Resp: 28522

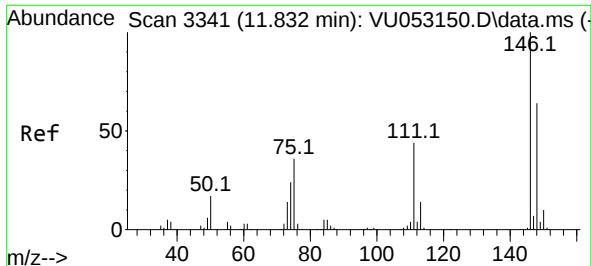
Ion Ratio Lower Upper

146 100

111 46.6 36.0 54.0

148 64.3 50.8 76.2

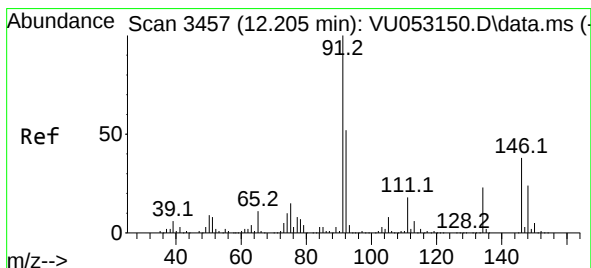
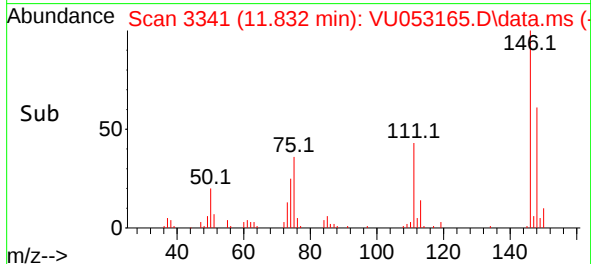
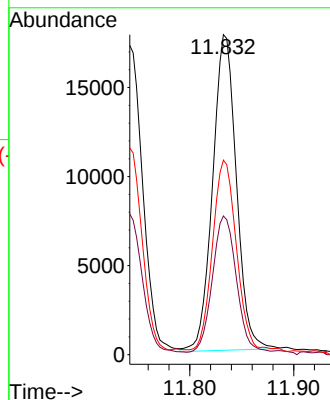
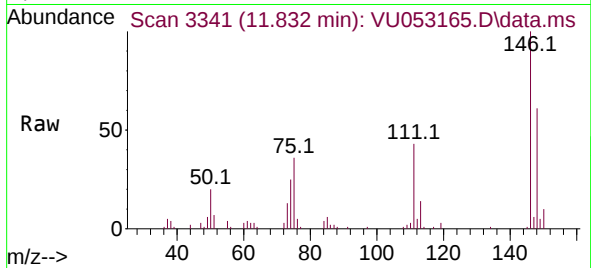




#83
1,4-Dichlorobenzene
Concen: 2.002 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

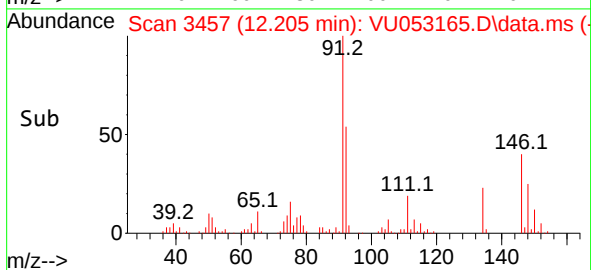
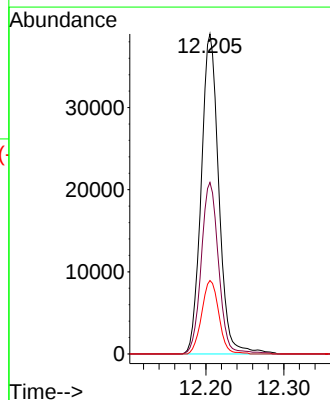
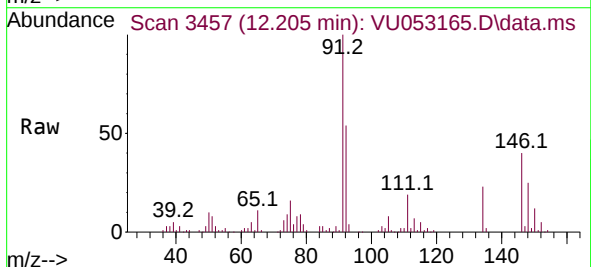
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

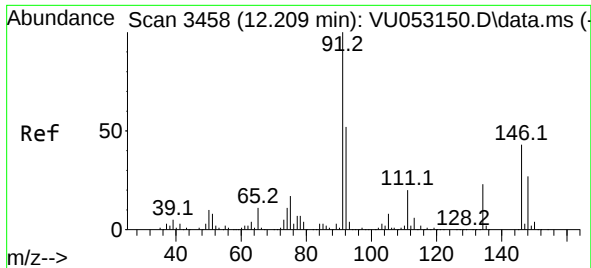
Tgt Ion:146 Resp: 28192
Ion Ratio Lower Upper
146 100
111 43.6 34.0 51.0
148 62.5 49.8 74.6



#84
n-Butylbenzene
Concen: 2.034 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 91 Resp: 61152
Ion Ratio Lower Upper
91 100
92 52.9 41.8 62.6
134 22.3 17.9 26.9

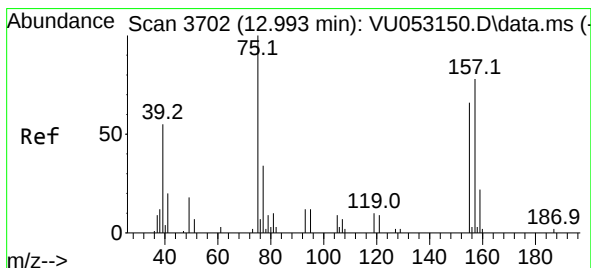
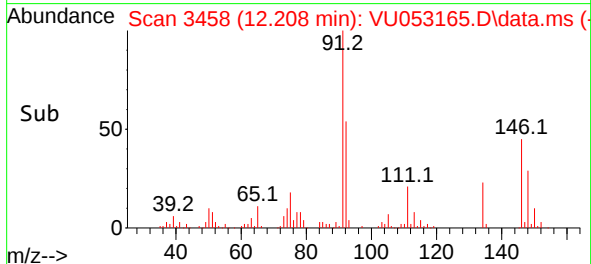
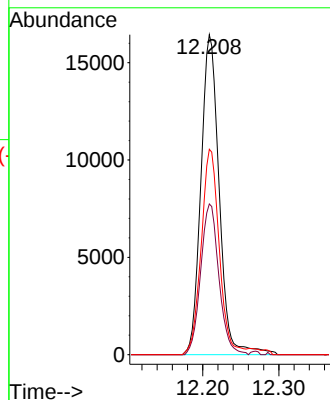
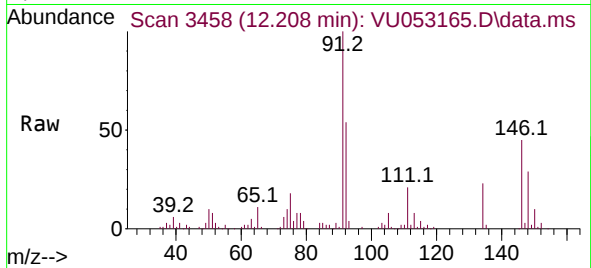




#85
1,2-Dichlorobenzene
Concen: 2.084 ug/l
RT: 12.208 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

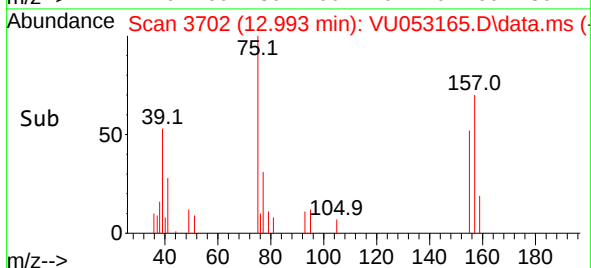
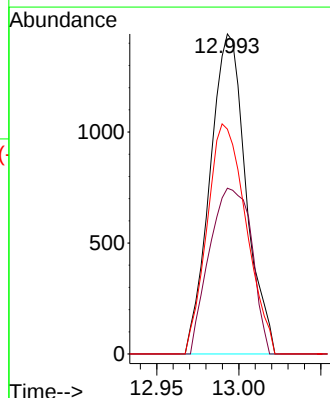
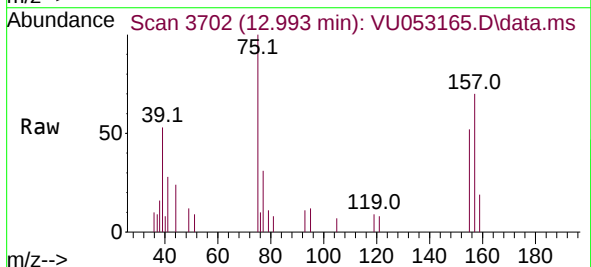
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

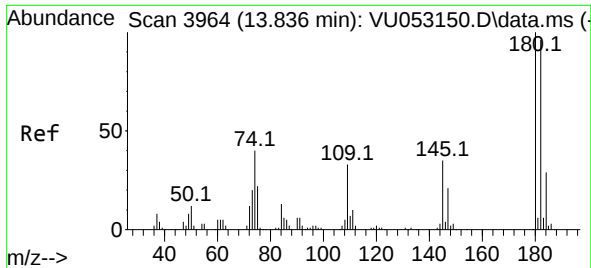
Tgt Ion:146 Resp: 27415
Ion Ratio Lower Upper
146 100
111 47.0 23.2 69.6
148 63.4 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.101 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion: 75 Resp: 2196
Ion Ratio Lower Upper
75 100
155 60.8 53.4 80.0
157 78.1 61.7 92.5

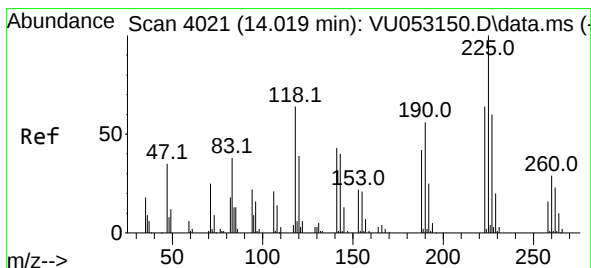
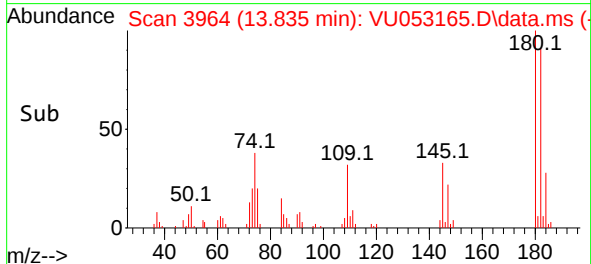
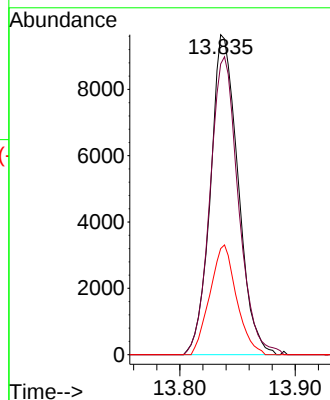
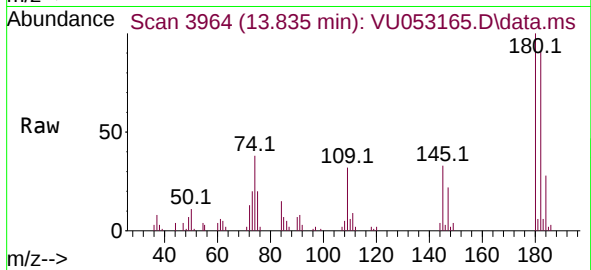




#87
1,2,4-Trichlorobenzene
Concen: 1.981 ug/l
RT: 13.835 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

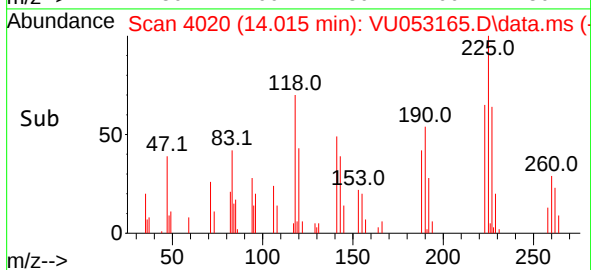
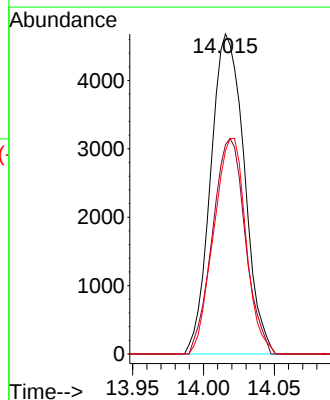
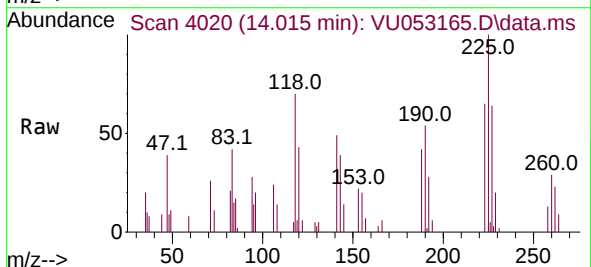
Instrument :
MSVOA_U
ClientSampleId :
VU0228WBS01

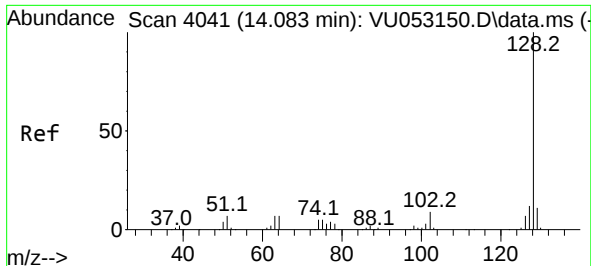
Tgt Ion:	180	Resp:	15986
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.4	116.0
145	33.2	28.3	42.5



#88
Hexachlorobutadiene
Concen: 1.954 ug/l
RT: 14.015 min Scan# 4020
Delta R.T. -0.004 min
Lab File: VU053165.D
Acq: 28 Feb 2023 11:09

Tgt Ion:	225	Resp:	7703
Ion Ratio	Lower	Upper	
225	100		
223	65.7	51.1	76.7
227	64.5	49.9	74.9





#89

Naphthalene

Concen: 1.998 ug/l

RT: 14.086 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VU0228WBS01

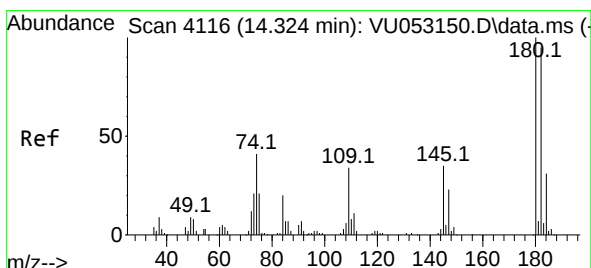
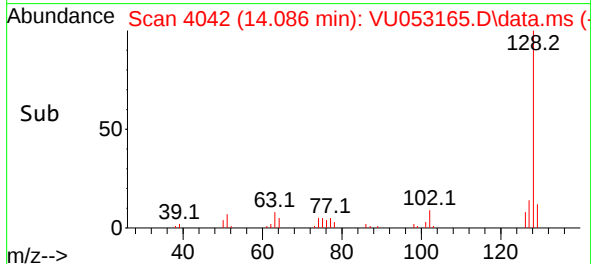
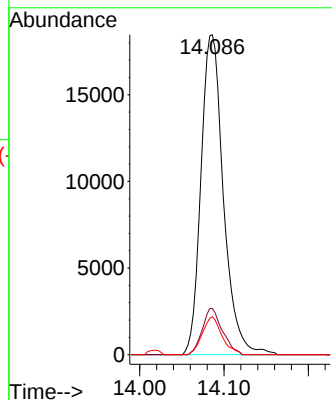
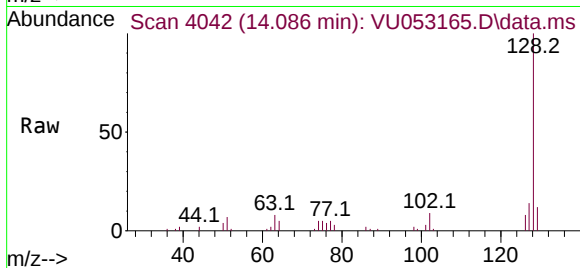
Tgt Ion:128 Resp: 34311

Ion Ratio Lower Upper

128 100

127 12.9 9.9 14.9

129 10.4 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 2.019 ug/l

RT: 14.327 min Scan# 4117

Delta R.T. 0.003 min

Lab File: VU053165.D

Acq: 28 Feb 2023 11:09

Tgt Ion:180 Resp: 14339

Ion Ratio Lower Upper

180 100

182 93.7 76.6 115.0

145 37.4 29.0 43.6

