

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053151.D
 Acq On : 27 Feb 2023 12:42
 Operator : JC/MD
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Quant Time: Feb 28 01:56:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	26595	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11115	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9377	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	108718	16.105	ug/l	99
3) Chloromethane	1.521	50	101885	14.648	ug/l	99
4) Vinyl Chloride	1.604	62	115262	15.564	ug/l	100
5) Bromomethane	1.855	94	69735	16.542	ug/l	98
6) Chloroethane	1.932	64	70650	15.704	ug/l	99
7) Trichlorofluoromethane	2.138	101	167150	15.679	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	105737	15.864	ug/l	99
9) 1,1-Dichloroethene	2.582	96	91677	15.835	ug/l	98
10) Iodomethane	2.723	142	104881	17.612	ug/l	99
11) Allyl Chloride	2.923	41	141491	15.654	ug/l	99
12) Acrylonitrile	3.309	53	49400	33.250	ug/l	# 93
13) Acetone	2.624	43	150264	70.910	ug/l	98
14) Carbon Disulfide	2.794	76	210449	15.844	ug/l	100
15) Methylene Chloride	3.042	84	115315	13.936	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	99417	15.622	ug/l	98
17) 1,1-Dichloroethane	3.865	63	223634	16.061	ug/l	100
18) 2-Butanone	4.707	43	189432	74.458	ug/l	100
19) Cyclohexane	5.382	56	147347	13.268	ug/l	90
20) Methylcyclohexane	6.759	83	170411	15.967	ug/l	99
21) 2,2-Dichloropropane	4.662	77	197910	16.223	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	128083	16.309	ug/l	98
23) Diethyl Ether	2.376	59	74681	15.765	ug/l	98
24) tert-Butyl Alcohol	3.190	59	90316	162.306	ug/l	100
25) Methyl tert-Butyl Ether	3.363	73	276553	16.430	ug/l	100
26) Bromochloromethane	4.971	128	49315	16.238	ug/l	93
27) Chloroform	5.087	83	228832	15.952	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	182842	15.173	ug/l	98
29) 1,1-Dichloropropene	5.521	75	138192	15.301	ug/l	99
30) Carbon Tetrachloride	5.518	117	133730	16.117	ug/l	99
31) Isopropyl Ether	3.993	45	353542	15.917	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	344519	16.366	ug/l	97
33) Tert-Amyl methyl ether	5.942	73	268480	16.071	ug/l	99
34) Propionitrile	4.775	54	46722	78.945	ug/l	95
35) Benzene	5.768	78	416009	15.610	ug/l	99
36) 1,2-Dichloroethane	5.791	62	123597	15.516	ug/l	99
37) Trichloroethene	6.537	130	98927	16.178	ug/l	96
38) 1,2-Dichloropropane	6.788	63	122325	15.873	ug/l	98
39) Methacrylonitrile	4.974	41	38157	15.081	ug/l	96
40) Methyl acrylate	4.846	55	66729	17.100	ug/l	100
41) Tetrahydrofuran	5.058	42	36951	29.851	ug/l	97
42) 1-Chlorobutane	5.453	56	193113	15.361	ug/l	99
43) Dibromomethane	6.916	93	54075	15.831	ug/l	100
44) Bromodichloromethane	7.103	83	153305	16.406	ug/l	100

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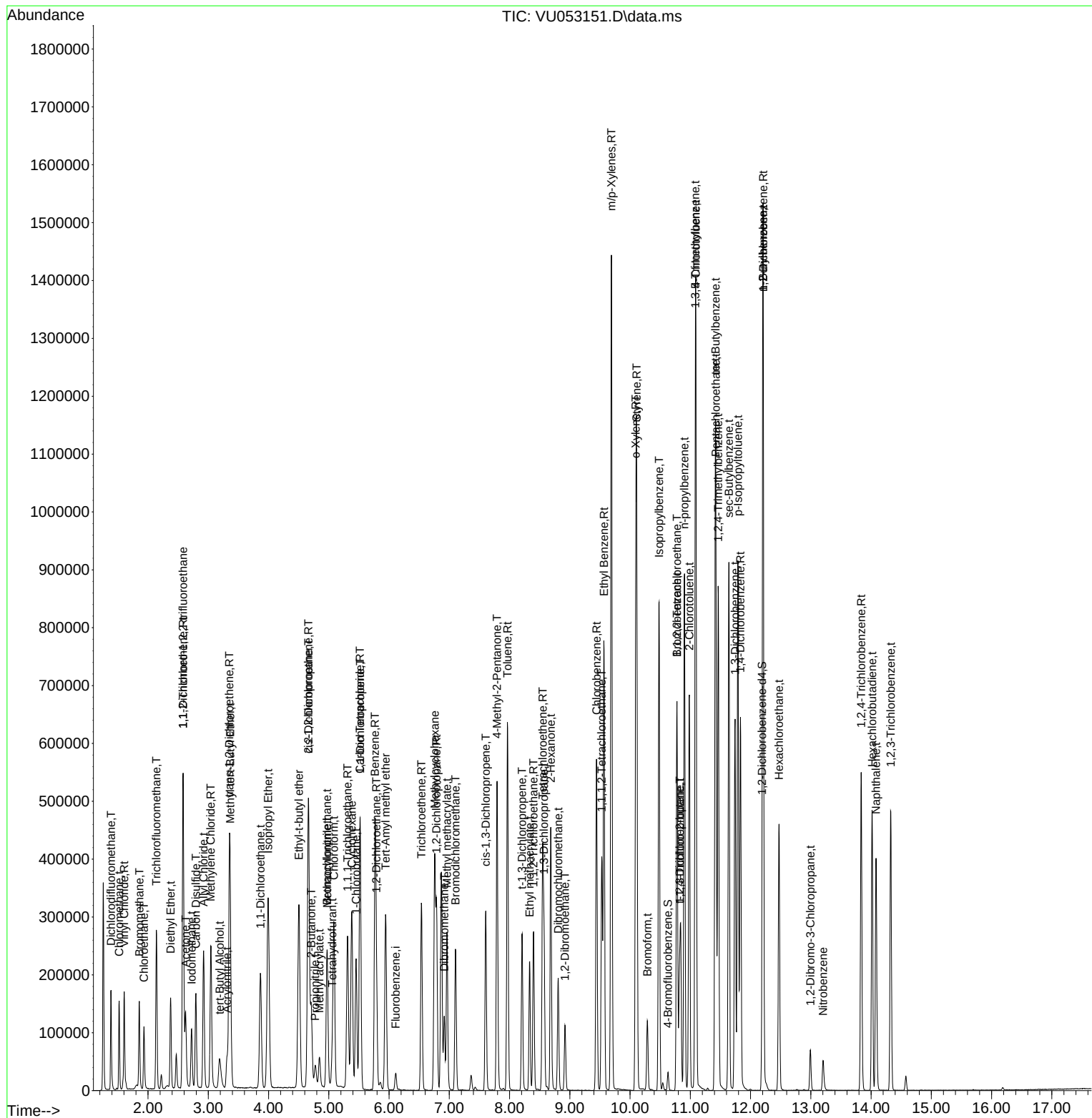
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	335695	80.491	ug/l	100
46) t-1,4-Dichloro-2-butene	10.826	75	150066	71.405	ug/l #	59
47) Methyl methacrylate	6.961	69	115661	32.896	ug/l	98
48) Ethyl methacrylate	8.334	69	119059	16.502	ug/l	99
49) Toluene	7.964	92	262079	15.969	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	151277	16.665	ug/l	98
51) cis-1,3-Dichloropropene	7.604	75	180586	16.416	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	81368	16.217	ug/l	99
53) 1,3-Dichloropropane	8.572	76	144627	16.078	ug/l	99
54) 2-Hexanone	8.685	43	273553	76.983	ug/l	99
55) Dibromochloromethane	8.807	129	94818	16.563	ug/l	99
56) 1,2-Dibromoethane	8.919	107	74391	16.689	ug/l	98
58) Tetrachloroethene	8.550	164	76471	15.683	ug/l	96
59) Chlorobenzene	9.443	112	291740	15.897	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.530	131	99083	16.345	ug/l	100
61) Pentachloroethane	11.424	117	88717	16.843	ug/l	97
62) Hexachloroethane	12.472	117	101472	17.473	ug/l	98
63) Ethyl Benzene	9.566	91	541970	16.001	ug/l	99
64) m/p-Xylenes	9.691	106	399101	32.488	ug/l	99
65) o-Xylene	10.096	106	201170	16.036	ug/l	99
66) Styrene	10.109	104	335243	16.857	ug/l	98
67) Bromoform	10.289	173	48410	17.389	ug/l	99
69) Isopropylbenzene	10.482	105	542821	16.155	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	112747	16.674	ug/l	96
71) 1,2,3-Trichloropropane	10.826	75	150066	26.574	ug/l	75
72) Bromobenzene	10.778	156	106857	16.390	ug/l	99
73) n-propylbenzene	10.903	120	145987	16.376	ug/l	97
74) 2-Chlorotoluene	10.984	126	119168	16.145	ug/l	98
75) 1,3,5-Trimethylbenzene	11.083	105	461234	16.497	ug/l	99
76) 4-Chlorotoluene	11.093	126	125888	16.225	ug/l	97
77) tert-Butylbenzene	11.418	119	451858	16.493	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	471774	16.557	ug/l	99
79) sec-Butylbenzene	11.639	105	631902	16.621	ug/l	100
80) Nitrobenzene	13.202	77	29741	84.158	ug/l	98
81) p-Isopropyltoluene	11.791	119	506241	16.809	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	236573	16.527	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	244625	16.740	ug/l	99
84) n-Butylbenzene	12.205	91	533235	17.089	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	224794	16.471	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	19845	15.220	ug/l	93
87) 1,2,4-Trichlorobenzene	13.836	180	148214	17.695	ug/l	97
88) Hexachlorobutadiene	14.019	225	69952	17.099	ug/l	98
89) Naphthalene	14.083	128	318150	17.762	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	128984	17.501	ug/l	100

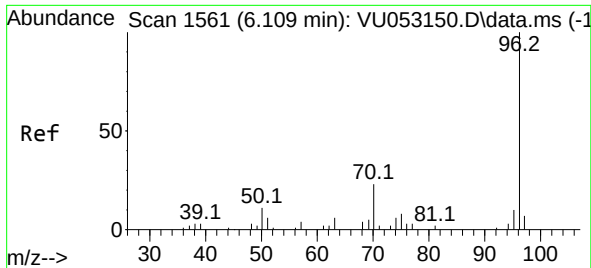
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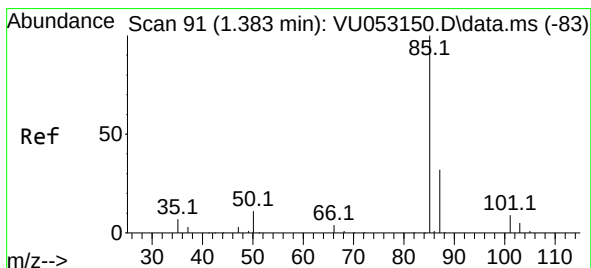
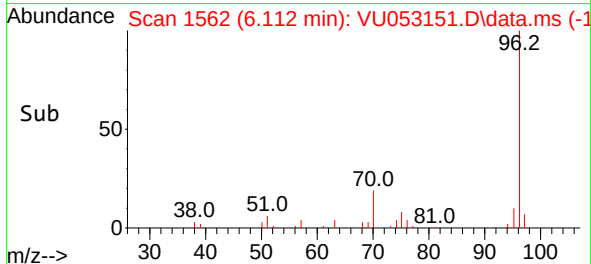
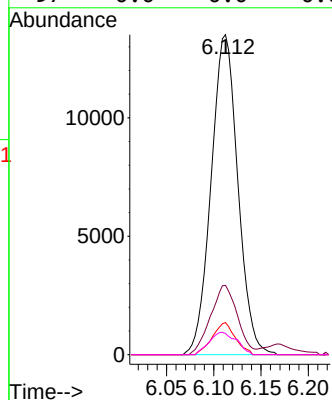
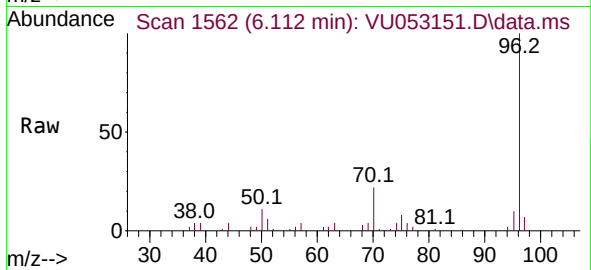




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

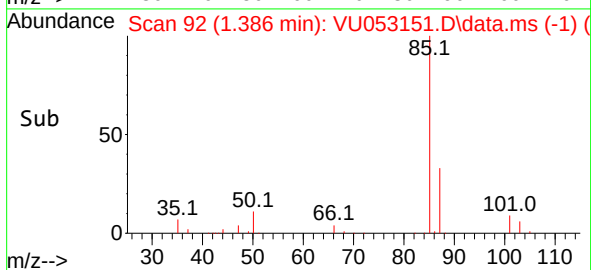
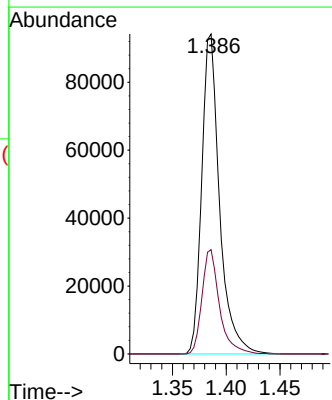
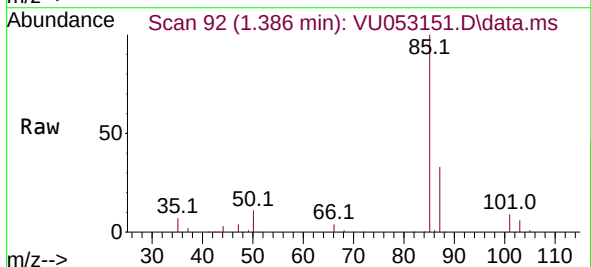
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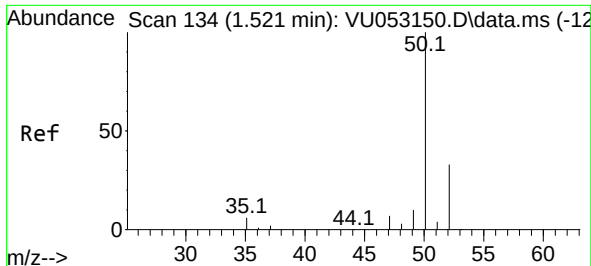
Tgt Ion: 96	Resp: 26595
Ion Ratio	Lower Upper
96 100	
70 20.0	15.5 23.3
95 8.6	7.0 10.6
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 16.105 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 85	Resp: 108718
Ion Ratio	Lower Upper
85 100	
87 32.6	16.1 48.2

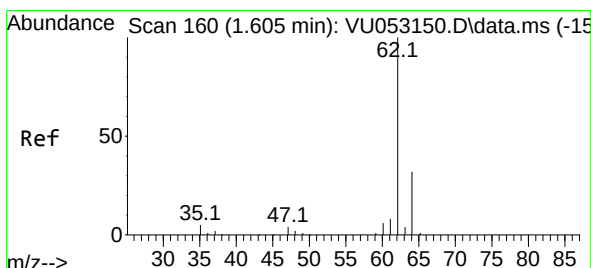
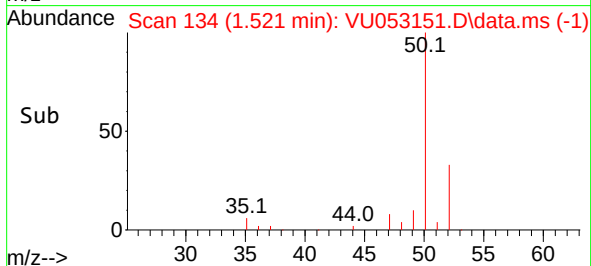
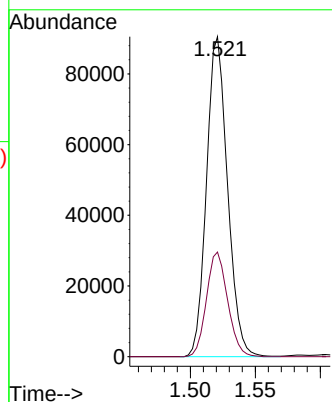
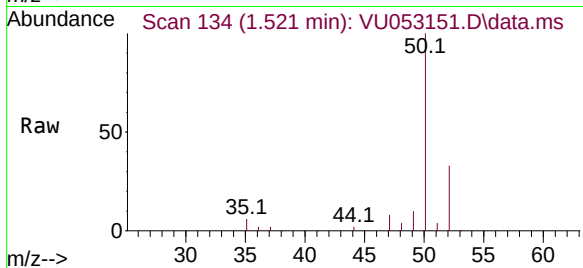




#3
Chloromethane
Concen: 14.648 ug/l
RT: 1.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

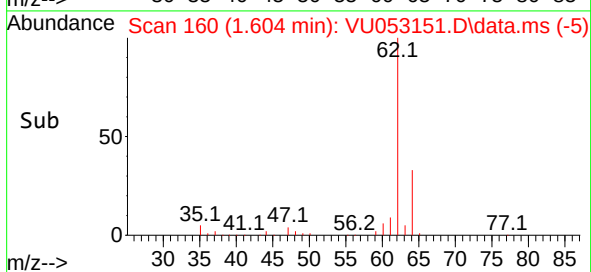
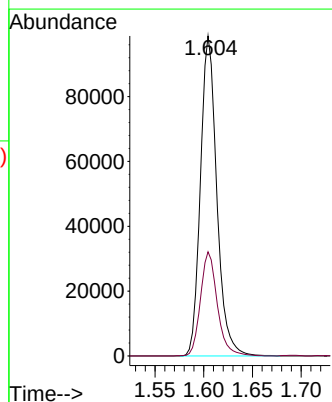
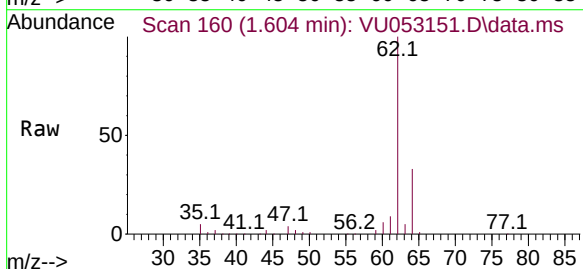
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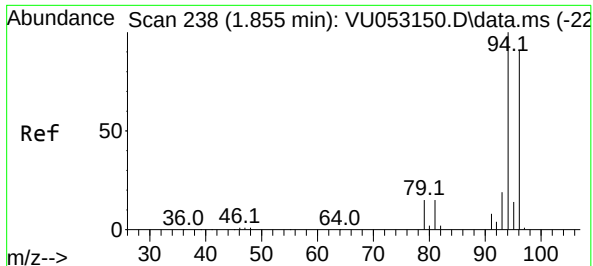
Tgt Ion: 50 Resp: 101885
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 15.564 ug/l
RT: 1.604 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 62 Resp: 115262
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

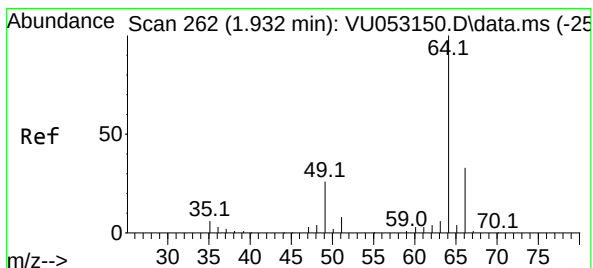
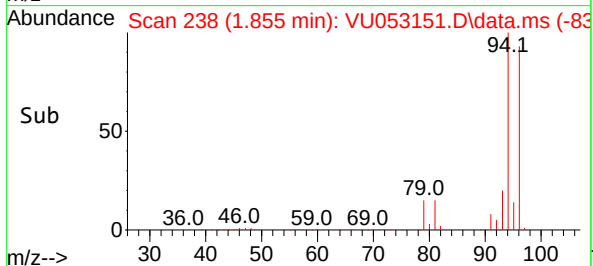
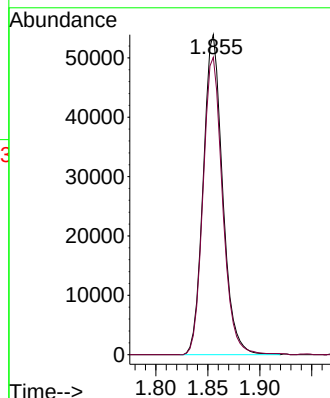
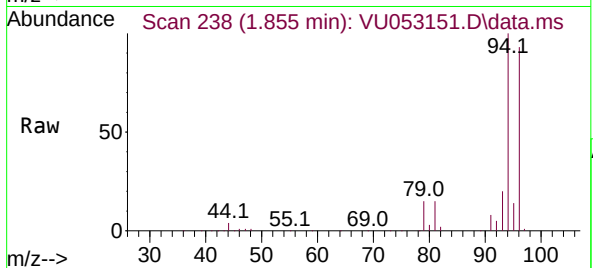




#5
Bromomethane
Concen: 16.542 ug/l
RT: 1.855 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053151.D
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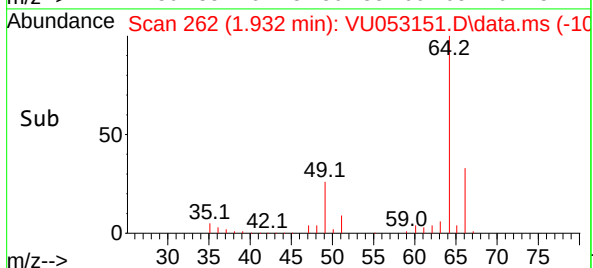
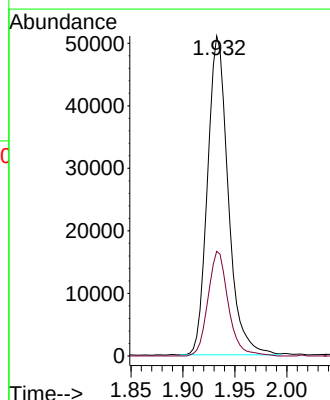
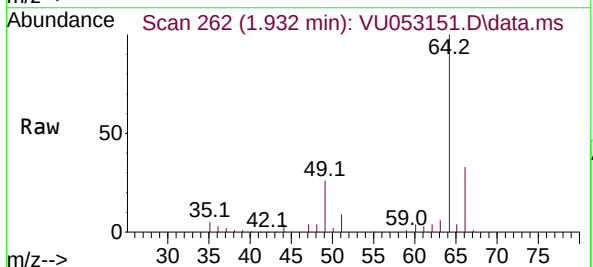
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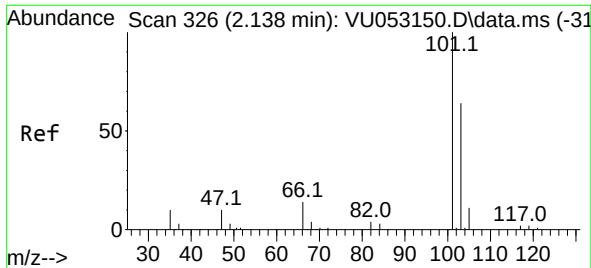
Tgt Ion: 94 Resp: 69735
Ion Ratio Lower Upper
94 100
96 92.9 72.6 108.8



#6
Chloroethane
Concen: 15.704 ug/l
RT: 1.932 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 64 Resp: 70650
Ion Ratio Lower Upper
64 100
66 32.8 26.8 40.2

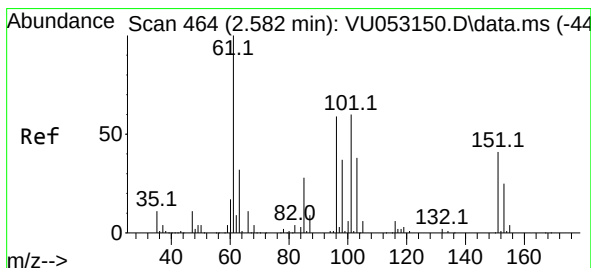
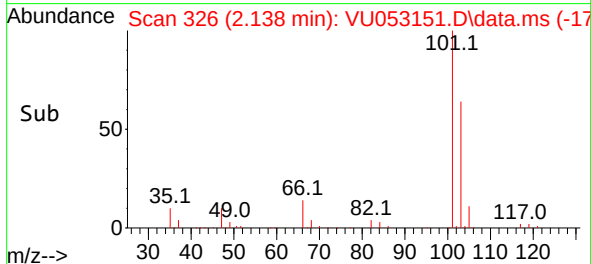
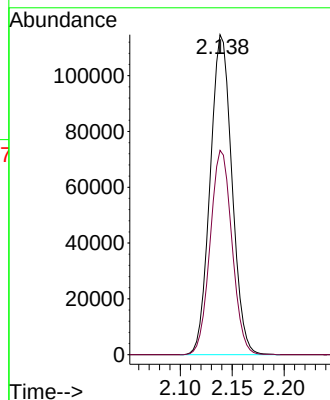
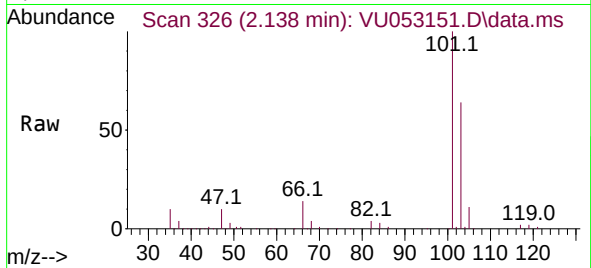




#7
 Trichlorofluoromethane
 Concen: 15.679 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053151.D
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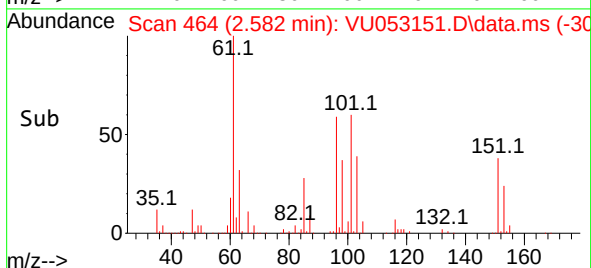
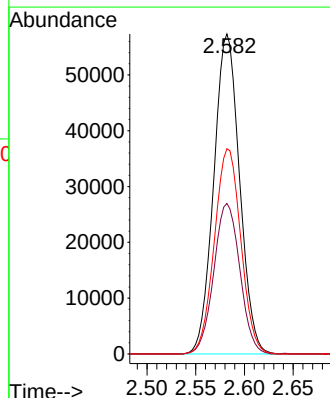
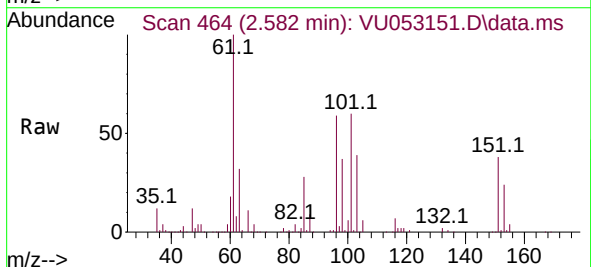
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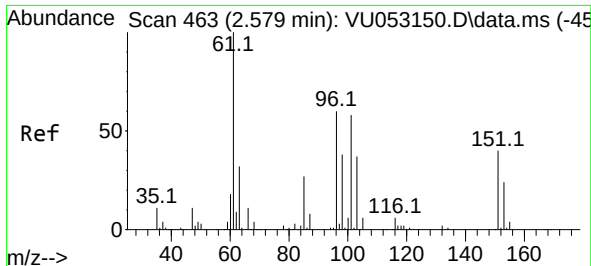
Tgt Ion:101 Resp: 167150
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.864 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. -0.000 min
 Lab File: VU053151.D
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Tgt Ion:101 Resp: 105737
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.3 55.9
 151 65.7 52.4 78.6

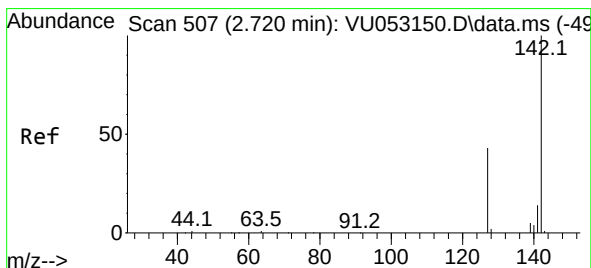
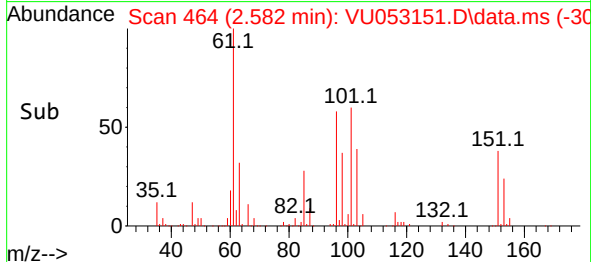
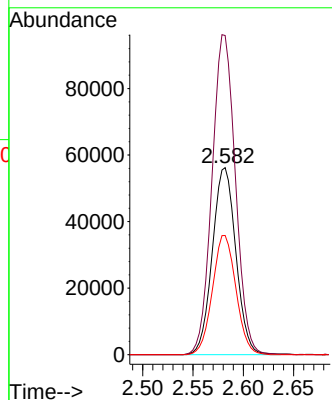
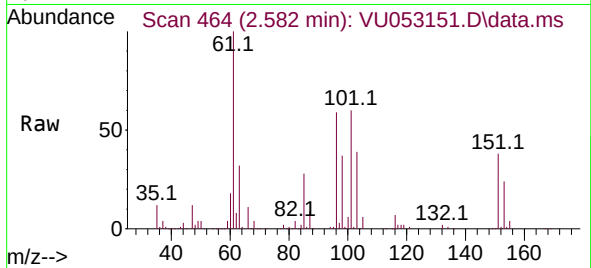




#9
1,1-Dichloroethene
Concen: 15.835 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053151.D
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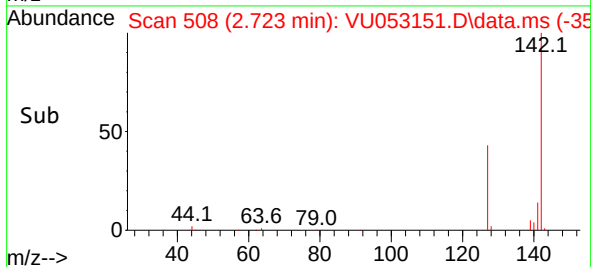
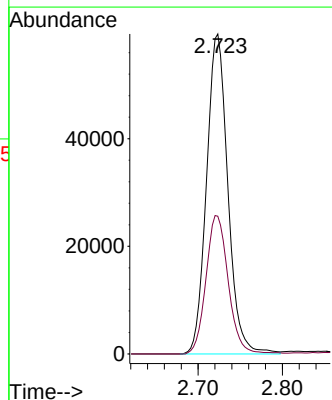
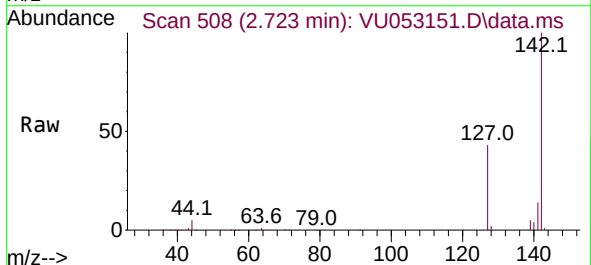
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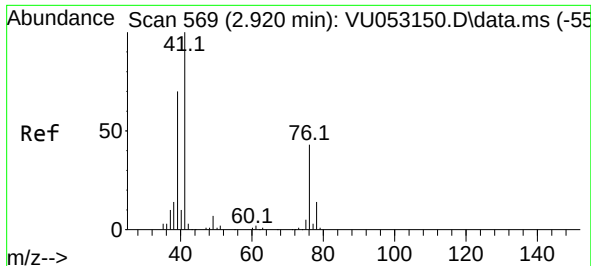
Tgt Ion: 96 Resp: 91677
Ion Ratio Lower Upper
96 100
61 170.7 0.0 502.5
98 63.7 0.0 126.2



#10
Iodomethane
Concen: 17.612 ug/l
RT: 2.723 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 142 Resp: 104881
Ion Ratio Lower Upper
142 100
127 45.2 35.8 53.8





#11

Allyl Chloride

Concen: 15.654 ug/l

RT: 2.923 min Scan# 5

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

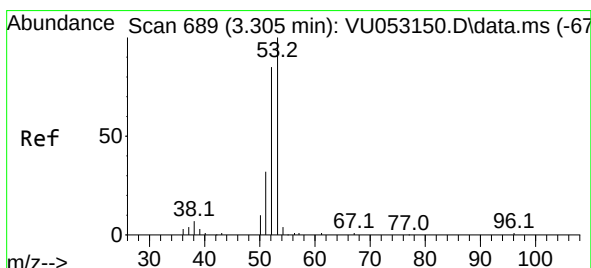
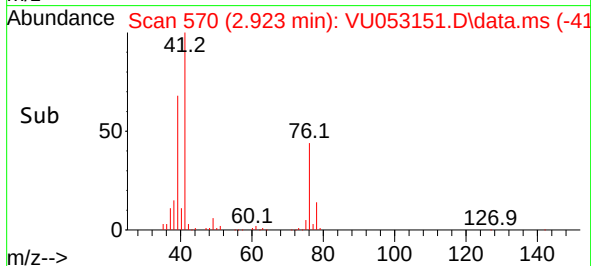
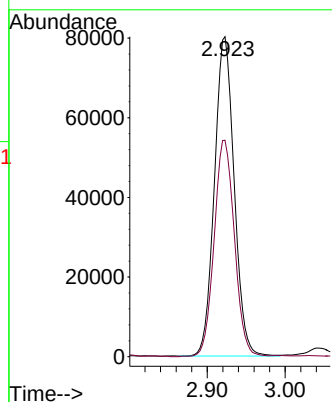
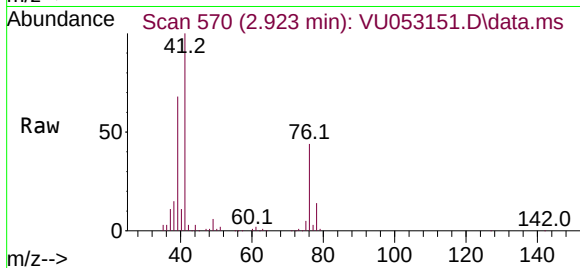
VSTDIC015

Tgt Ion: 41 Resp: 141491

Ion Ratio Lower Upper

41 100

39 69.6 55.3 82.9



#12

Acrylonitrile

Concen: 33.250 ug/l

RT: 3.309 min Scan# 690

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

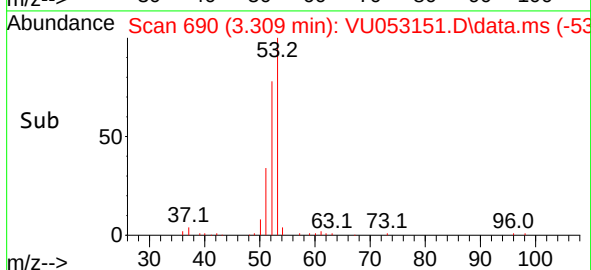
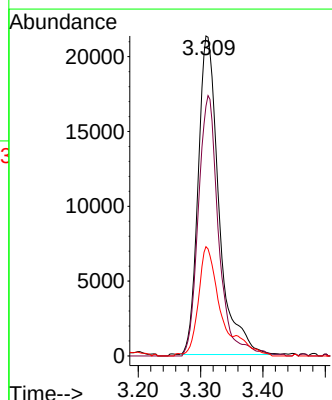
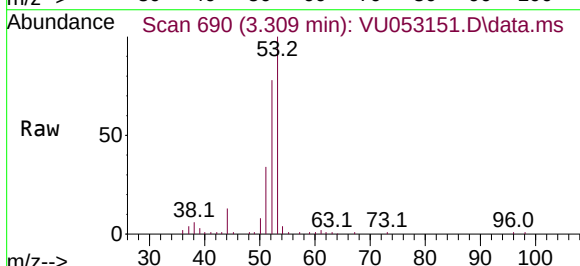
Tgt Ion: 53 Resp: 49400

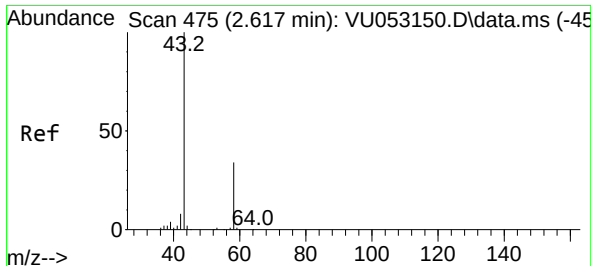
Ion Ratio Lower Upper

53 100

52 78.9 65.9 98.9

51 31.1 31.8 47.8#





#13

Acetone

Concen: 70.910 ug/l

RT: 2.624 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

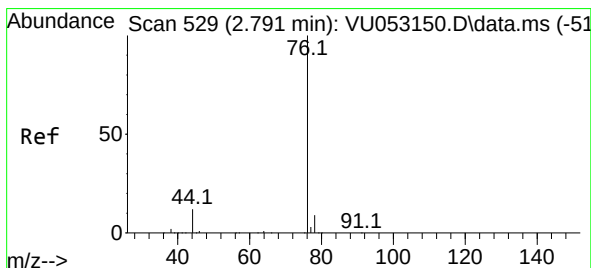
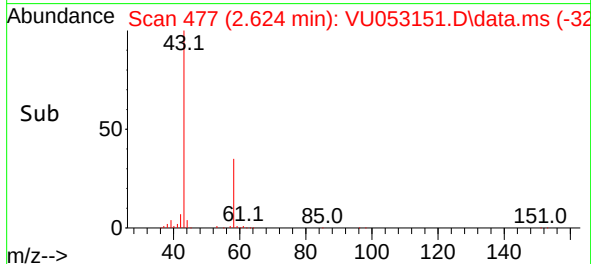
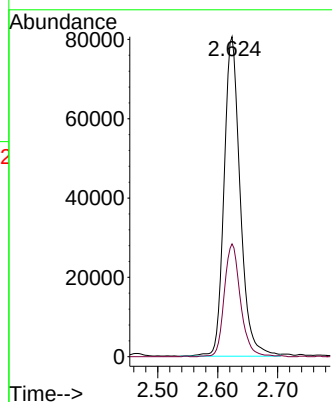
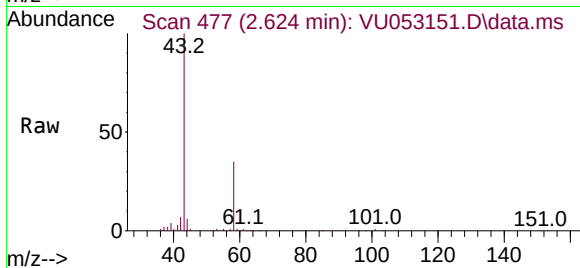
VSTDIC015

Tgt Ion: 43 Resp: 150264

Ion Ratio Lower Upper

43 100

58 35.3 27.2 40.8



#14

Carbon Disulfide

Concen: 15.844 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053151.D

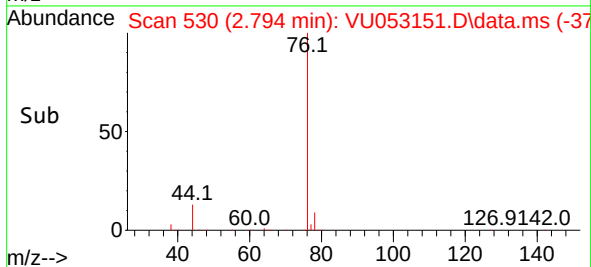
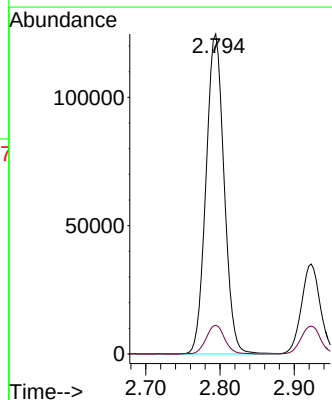
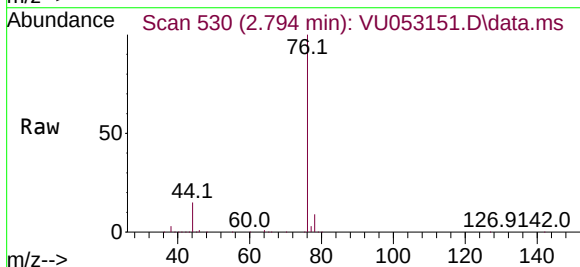
Acq: 27 Feb 2023 12:42

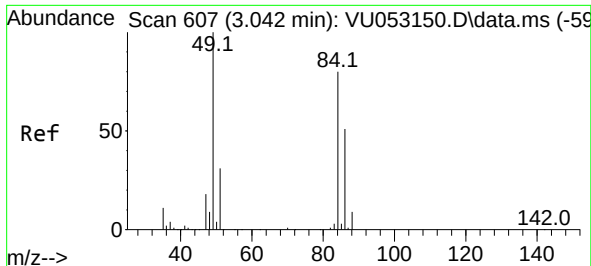
Tgt Ion: 76 Resp: 210449

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



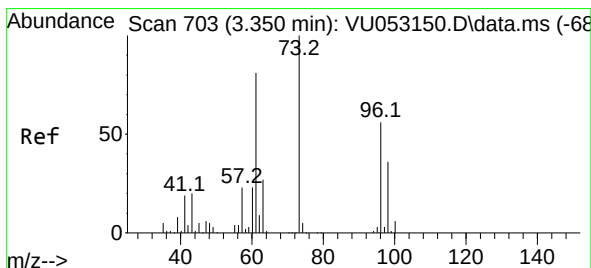
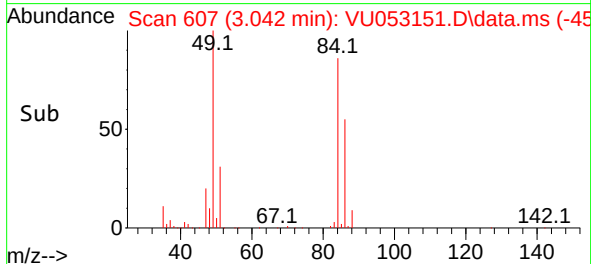
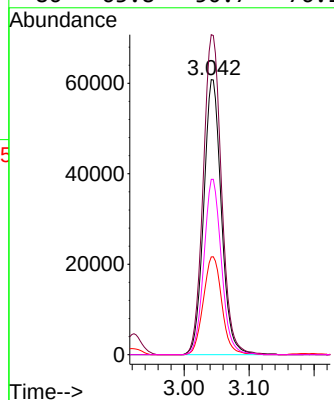
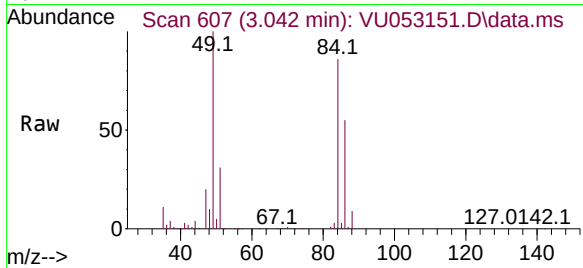


#15
Methylene Chloride
Concen: 13.936 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 84 Resp: 115315

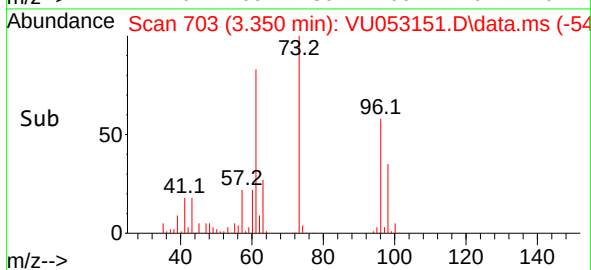
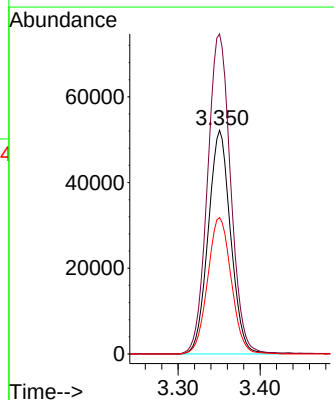
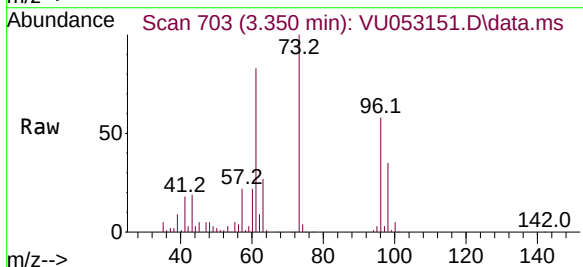
Ion	Ratio	Lower	Upper
84	100		
49	116.4	99.5	149.3
51	35.6	0.0	76.8
86	63.8	50.7	76.1

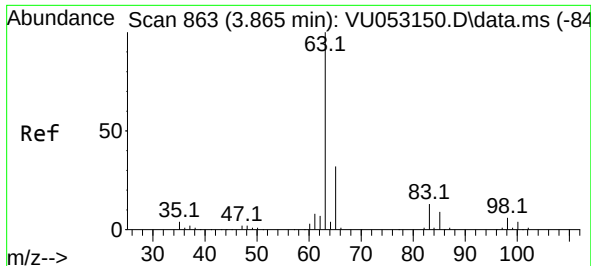


#16
trans-1,2-Dichloroethene
Concen: 15.622 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 96 Resp: 99417

Ion	Ratio	Lower	Upper
96	100		
61	143.1	116.1	174.1
98	61.0	51.4	77.2





#17

1,1-Dichloroethane

Concen: 16.061 ug/l

RT: 3.865 min Scan# 863

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

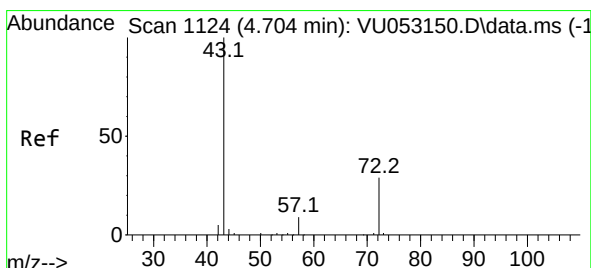
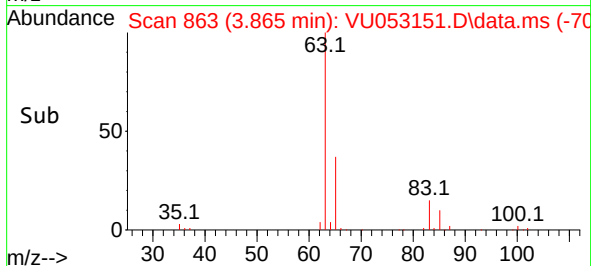
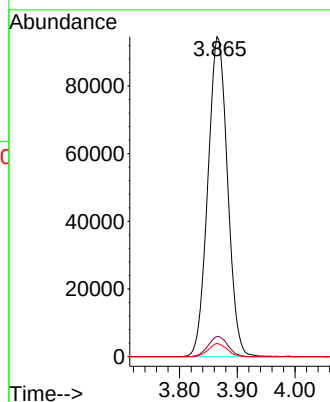
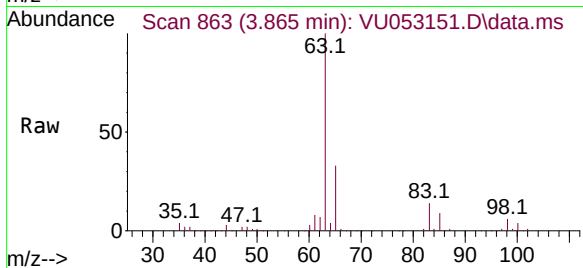
Tgt Ion: 63 Resp: 223634

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.1 6.2



#18

2-Butanone

Concen: 74.458 ug/l

RT: 4.707 min Scan# 1125

Delta R.T. 0.003 min

Lab File: VU053151.D

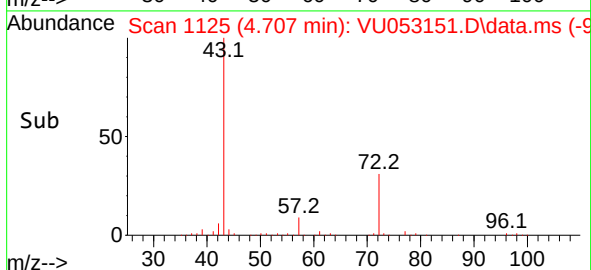
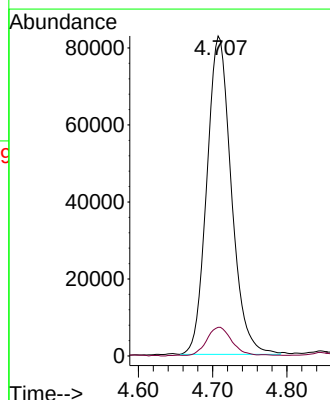
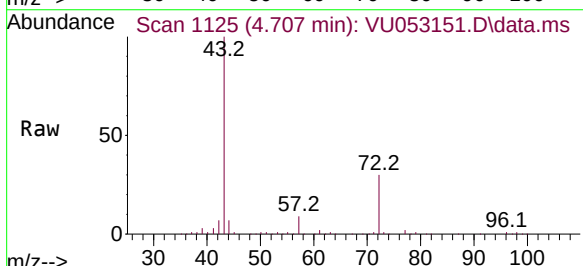
Acq: 27 Feb 2023 12:42

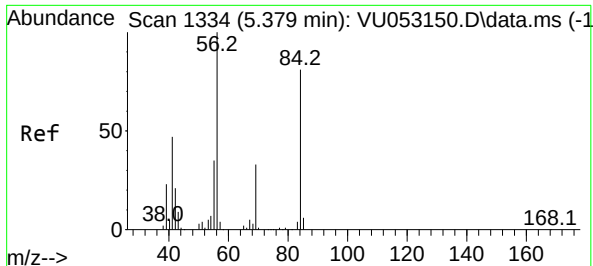
Tgt Ion: 43 Resp: 189432

Ion Ratio Lower Upper

43 100

57 8.8 0.0 17.6





#19

Cyclohexane

Concen: 13.268 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

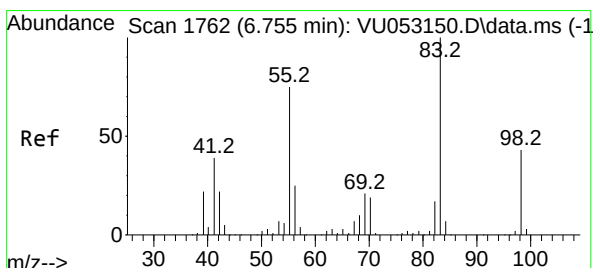
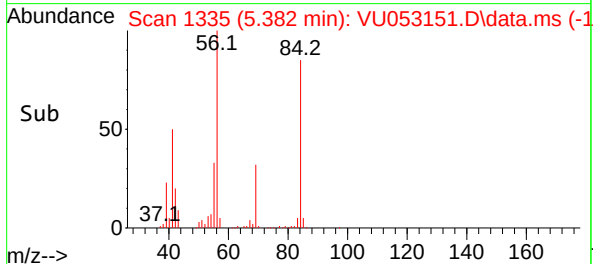
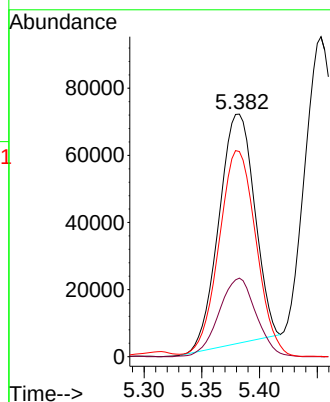
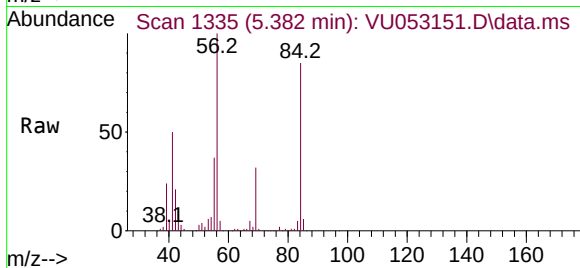
Tgt Ion: 56 Resp: 147347

Ion Ratio Lower Upper

56 100

69 35.6 26.1 39.1

84 92.0 64.7 97.1



#20

Methylcyclohexane

Concen: 15.967 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

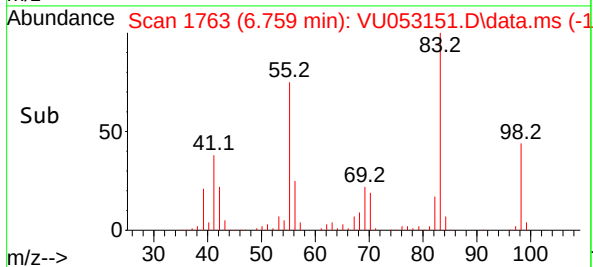
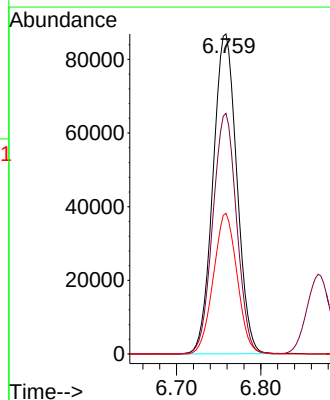
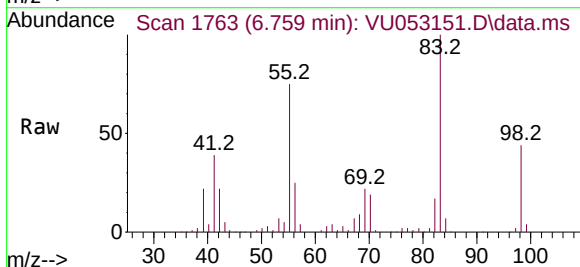
Tgt Ion: 83 Resp: 170411

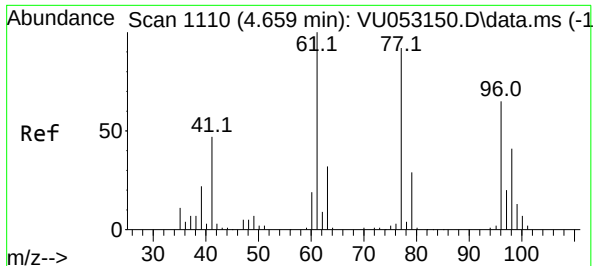
Ion Ratio Lower Upper

83 100

55 75.2 60.2 90.2

98 44.0 33.9 50.9





#21

2,2-Dichloropropane

Concen: 16.223 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

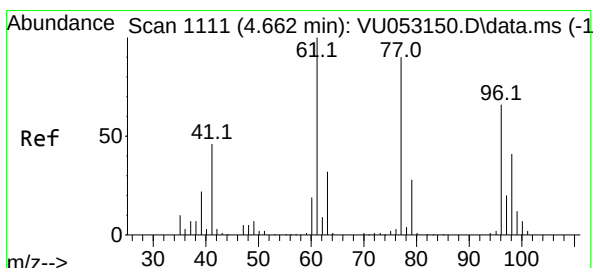
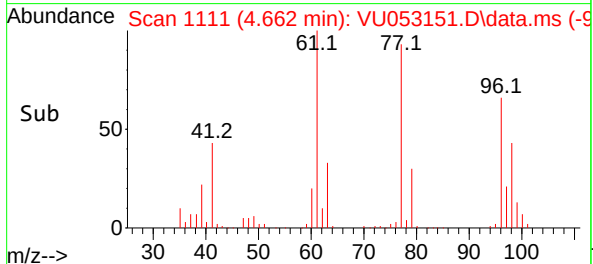
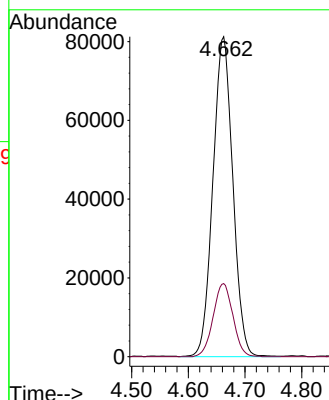
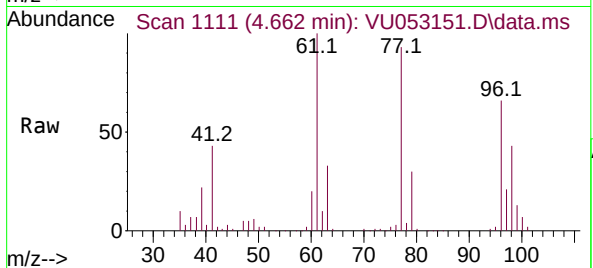
VSTDIC015

Tgt Ion: 77 Resp: 197910

Ion Ratio Lower Upper

77 100

97 22.7 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 16.309 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

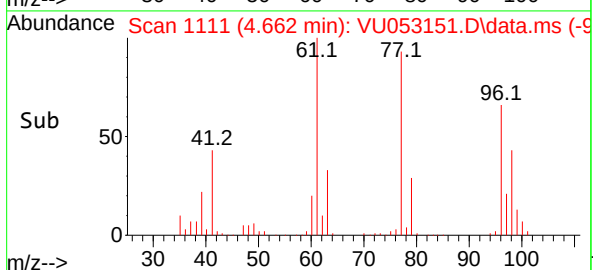
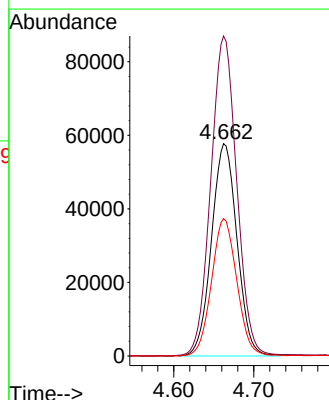
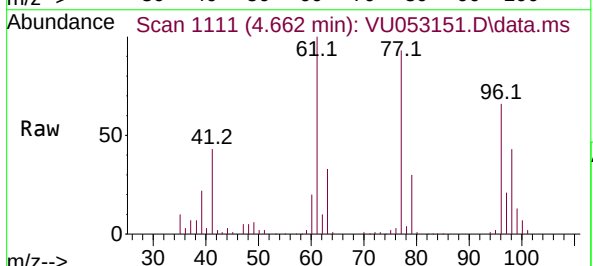
Tgt Ion: 96 Resp: 128083

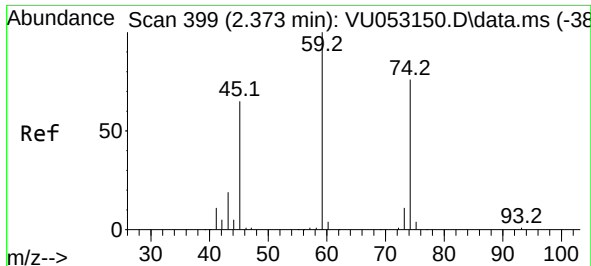
Ion Ratio Lower Upper

96 100

61 153.1 0.0 390.5

98 64.1 31.9 95.9

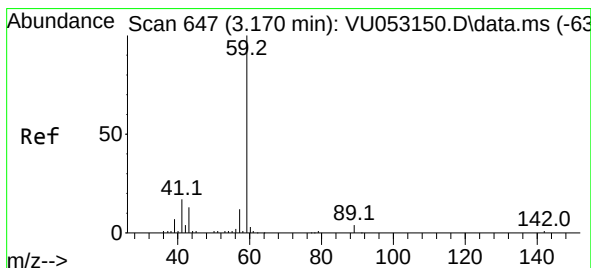
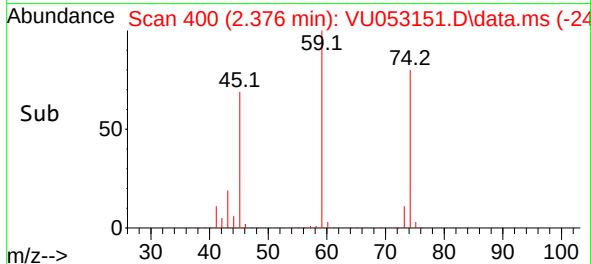
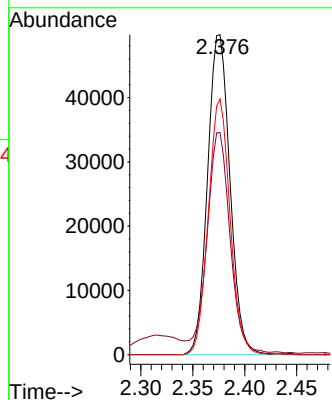
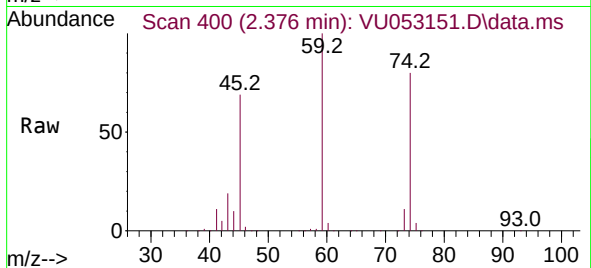




#23
Diethyl Ether
Concen: 15.765 ug/l
RT: 2.376 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

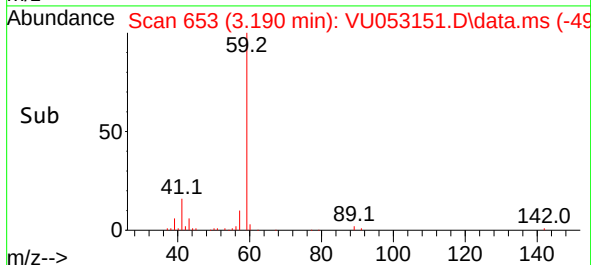
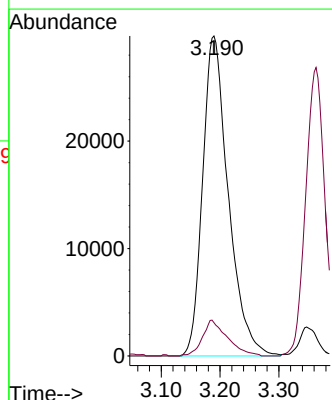
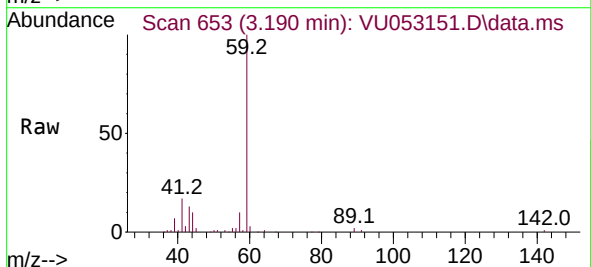
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

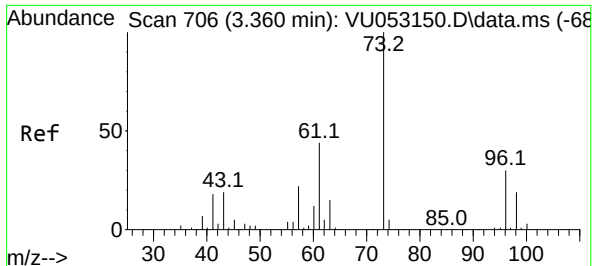
Tgt Ion: 59 Resp: 74681
Ion Ratio Lower Upper
59 100
45 69.7 54.2 81.2
74 77.5 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 162.306 ug/l
RT: 3.190 min Scan# 653
Delta R.T. 0.019 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 59 Resp: 90316
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

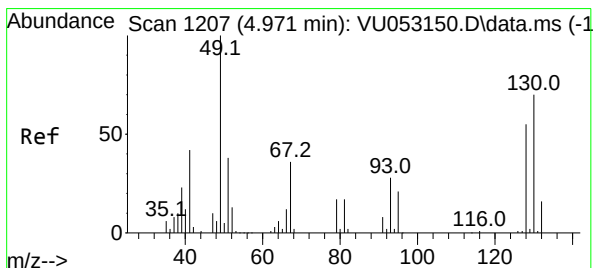
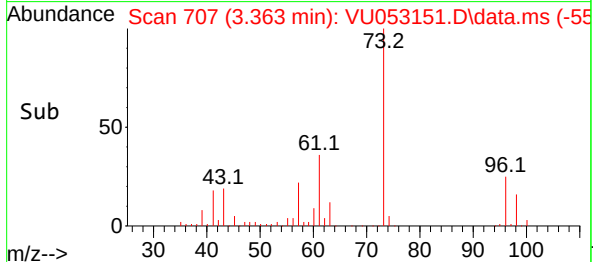
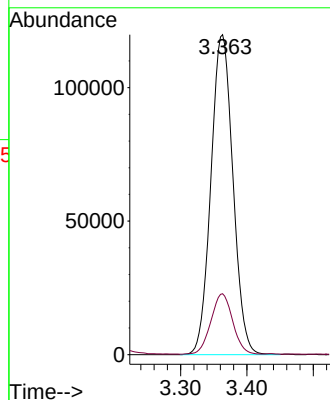
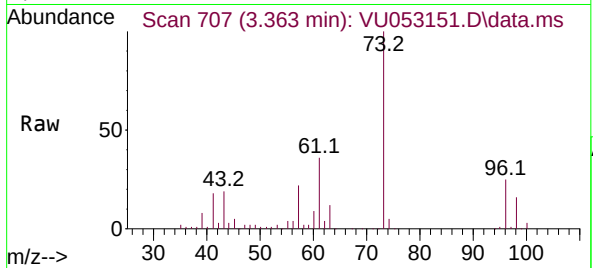




#25
Methyl tert-Butyl Ether
Concen: 16.430 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

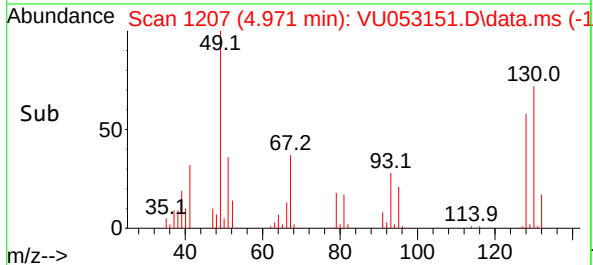
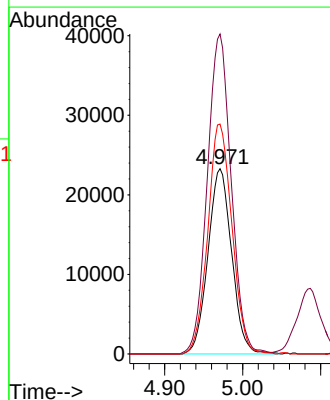
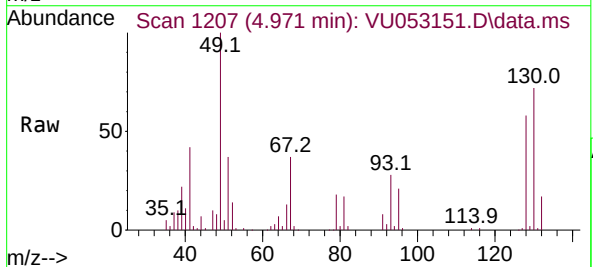
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

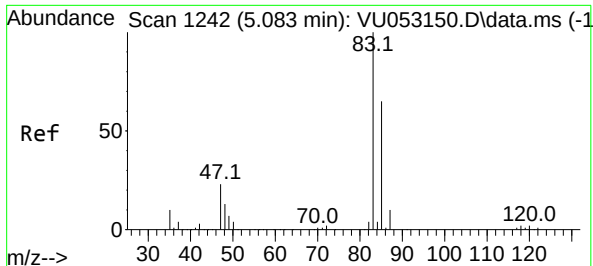
Tgt Ion: 73 Resp: 276553
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.6



#26
Bromochloromethane
Concen: 16.238 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 128 Resp: 49315
Ion Ratio Lower Upper
128 100
49 173.9 0.0 376.8
130 126.7 104.8 157.2





#27

Chloroform

Concen: 15.952 ug/l

RT: 5.087 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

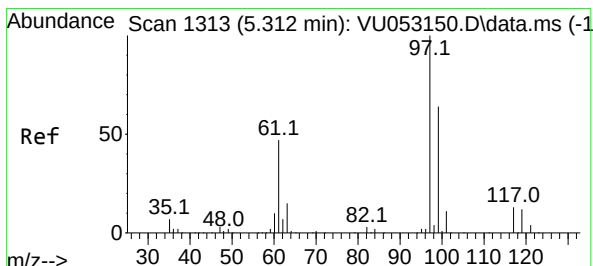
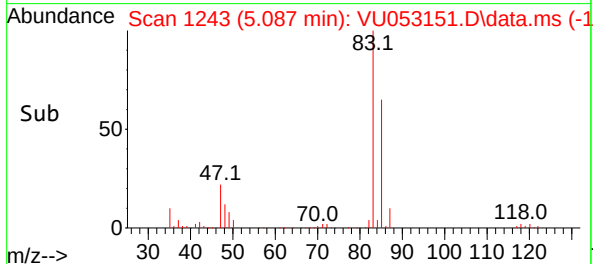
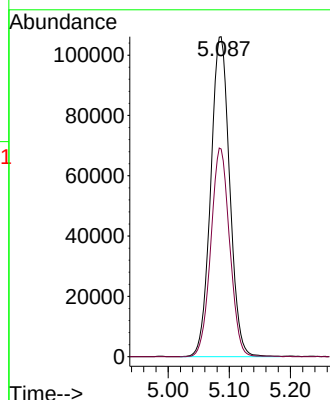
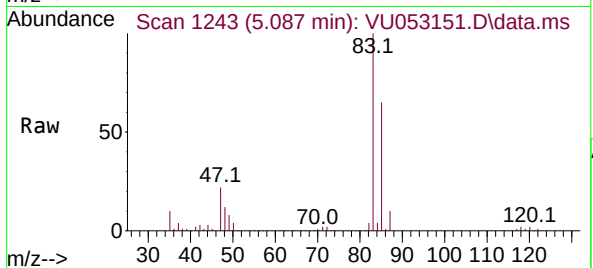
VSTDIC015

Tgt Ion: 83 Resp: 228832

Ion Ratio Lower Upper

83 100

85 64.9 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 15.173 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

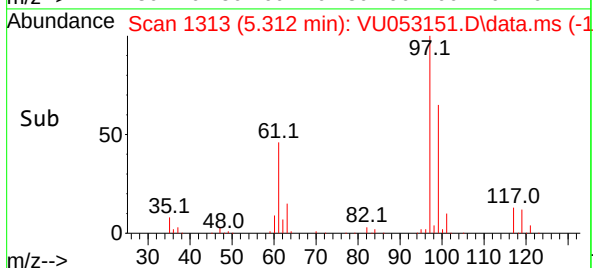
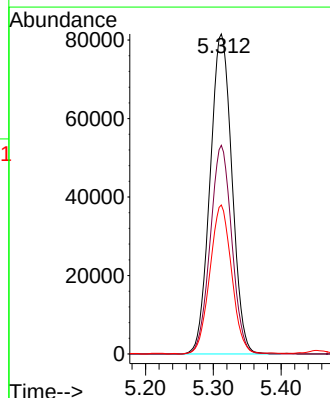
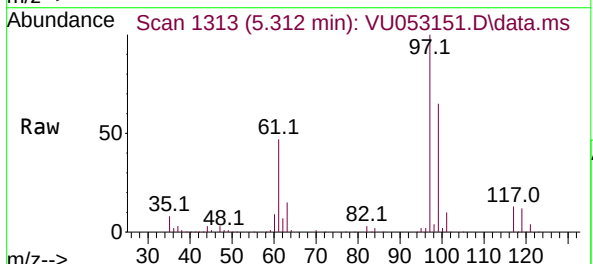
Tgt Ion: 97 Resp: 182842

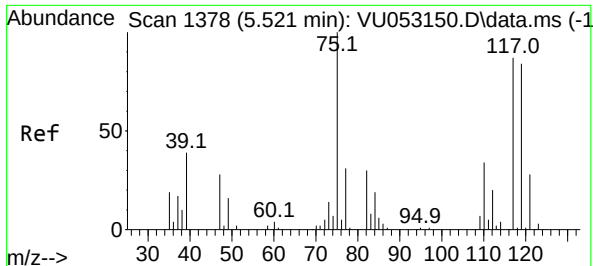
Ion Ratio Lower Upper

97 100

99 64.2 31.6 94.8

61 46.4 23.9 71.7





#29

1,1-Dichloropropene

Concen: 15.301 ug/l

RT: 5.521 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

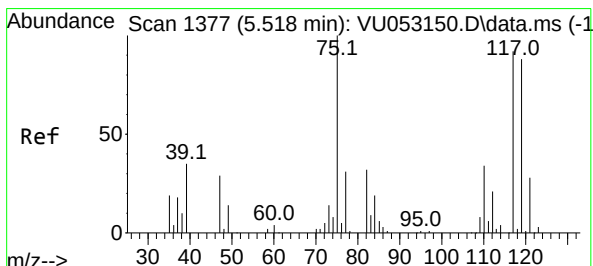
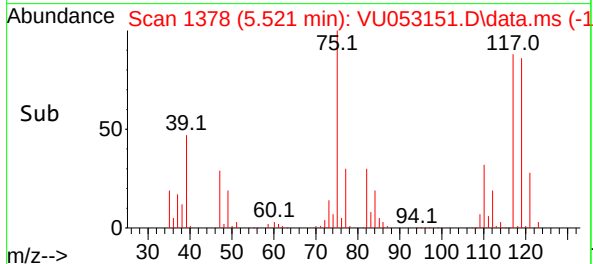
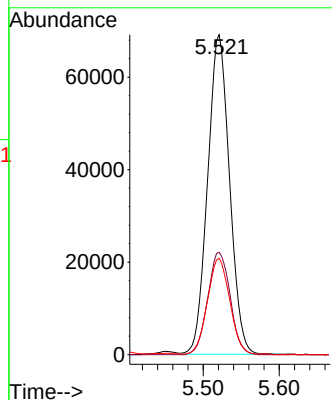
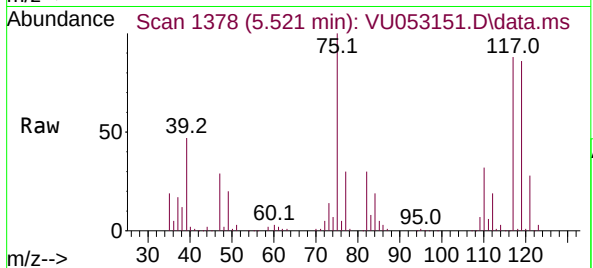
Tgt Ion: 75 Resp: 138192

Ion Ratio Lower Upper

75 100

110 32.8 16.3 48.8

77 30.3 24.9 37.3



#30

Carbon Tetrachloride

Concen: 16.117 ug/l

RT: 5.518 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

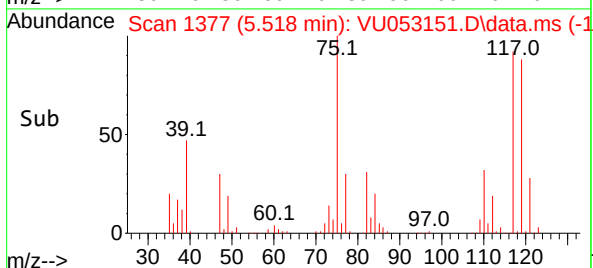
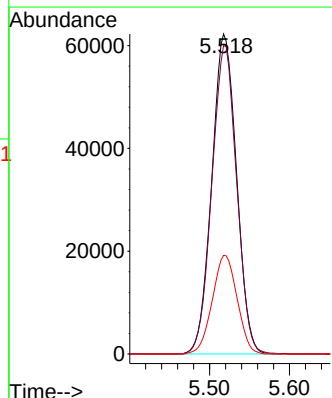
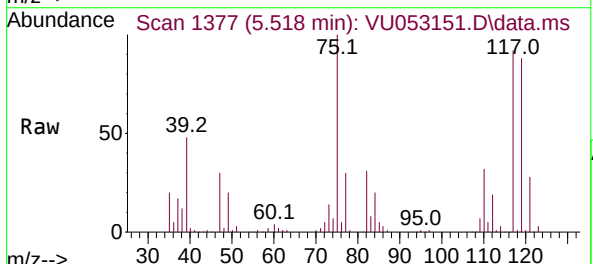
Tgt Ion: 117 Resp: 133730

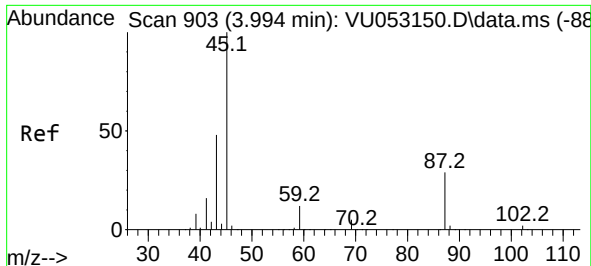
Ion Ratio Lower Upper

117 100

119 96.3 76.2 114.2

121 30.8 24.6 36.8

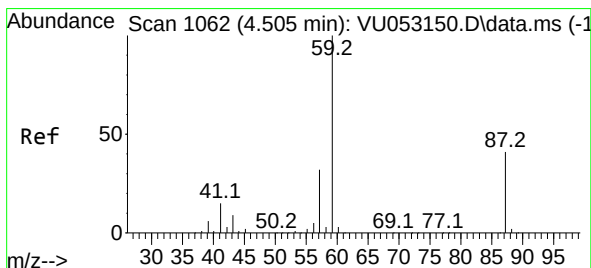
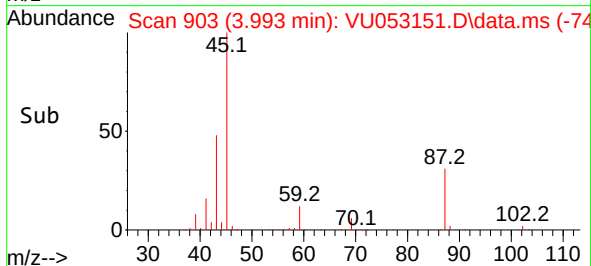
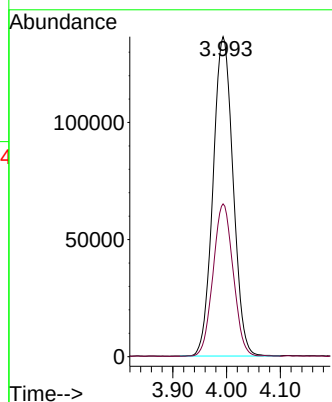
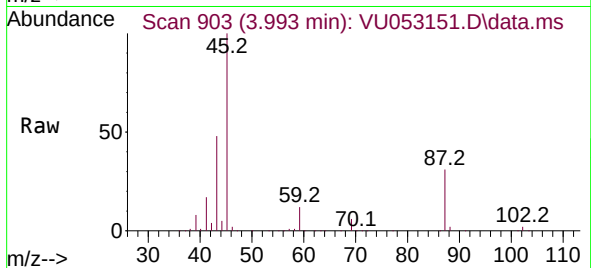




#31
Isopropyl Ether
Concen: 15.917 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

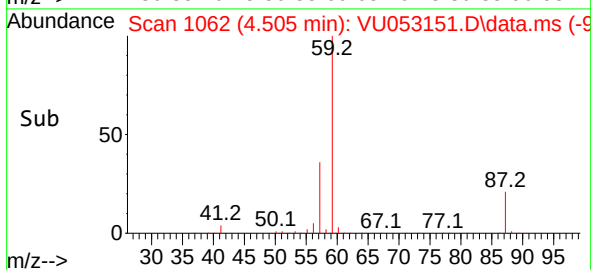
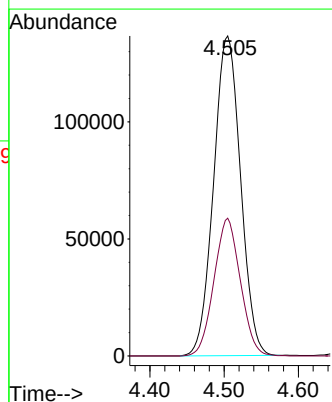
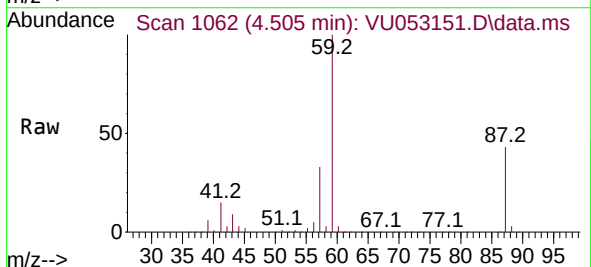
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

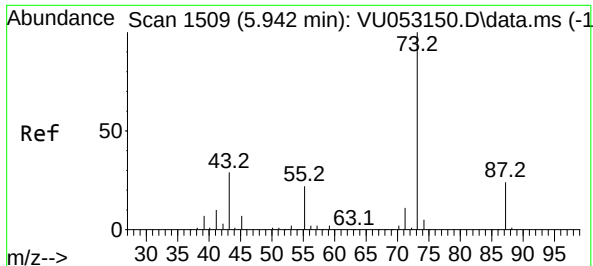
Tgt Ion: 45 Resp: 353542
Ion Ratio Lower Upper
45 100
43 47.8 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 16.366 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 59 Resp: 344519
Ion Ratio Lower Upper
59 100
87 42.2 32.5 48.7

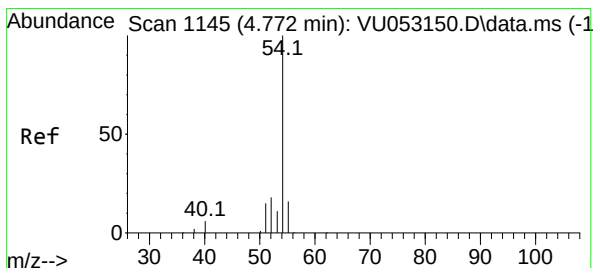
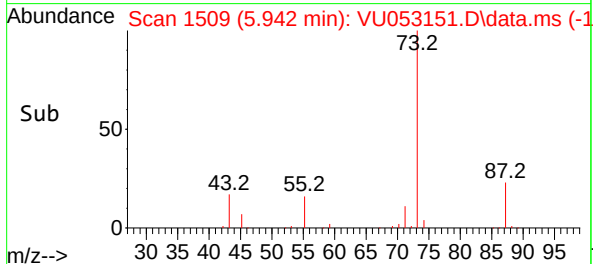
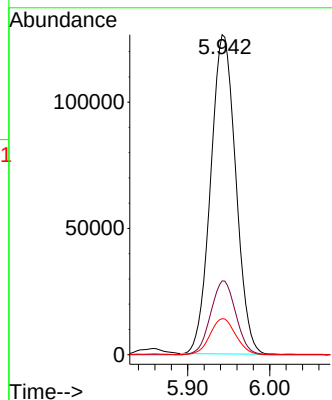
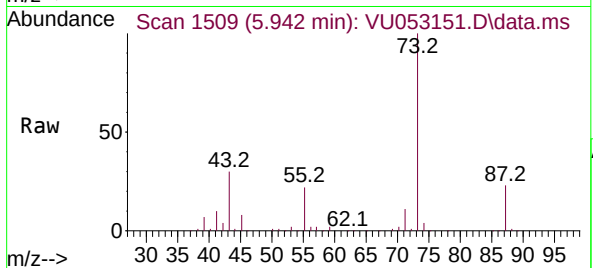




#33
Tert-Amyl methyl ether
Concen: 16.071 ug/l
RT: 5.942 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

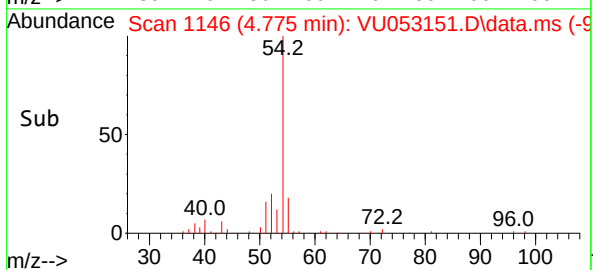
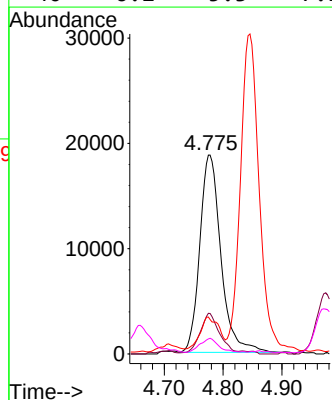
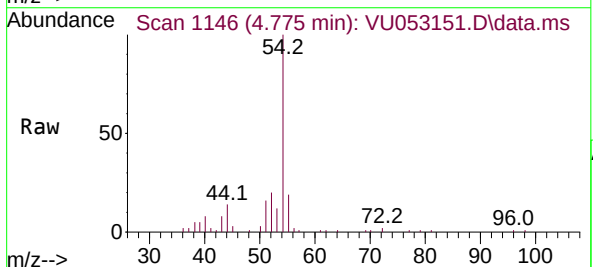
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

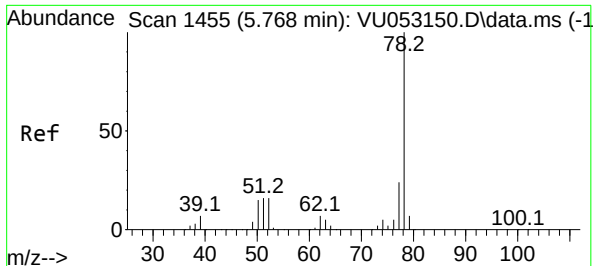
Tgt Ion: 73 Resp: 268480
Ion Ratio Lower Upper
73 100
87 23.1 19.0 28.4
71 11.6 9.2 13.8



#34
Propionitrile
Concen: 78.945 ug/l
RT: 4.775 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 54 Resp: 46722
Ion Ratio Lower Upper
54 100
52 17.8 16.5 24.7
55 16.2 11.4 17.2
40 6.2 5.3 7.9





#35

Benzene

Concen: 15.610 ug/l

RT: 5.768 min Scan# 1455

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

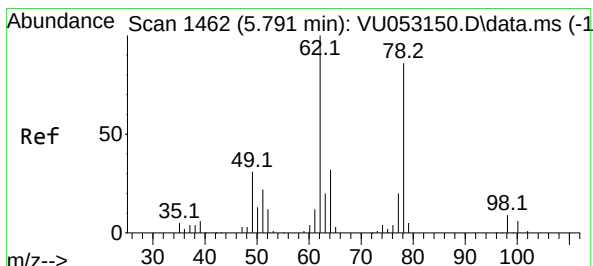
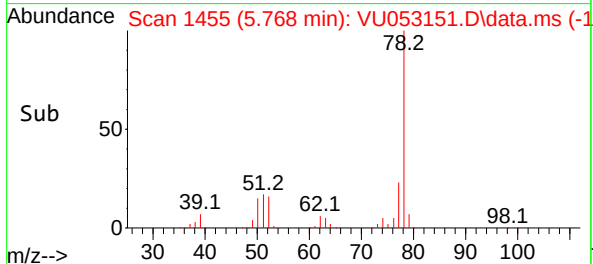
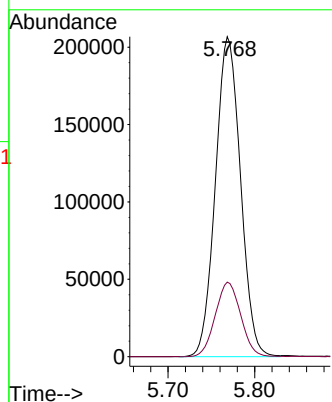
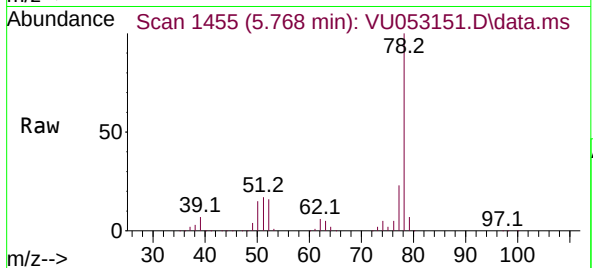
VSTDIC015

Tgt Ion: 78 Resp: 416009

Ion Ratio Lower Upper

78 100

77 23.3 18.9 28.3



#36

1,2-Dichloroethane

Concen: 15.516 ug/l

RT: 5.791 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VU053151.D

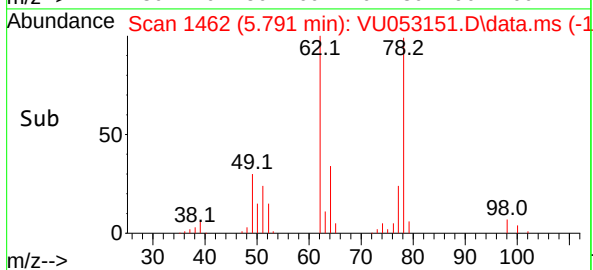
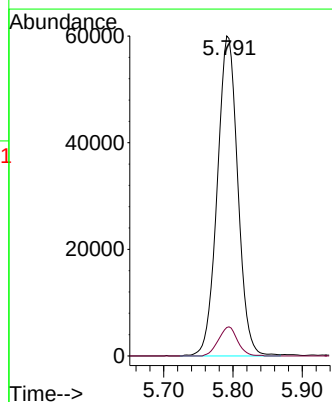
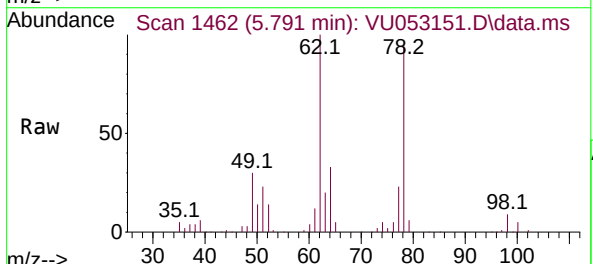
Acq: 27 Feb 2023 12:42

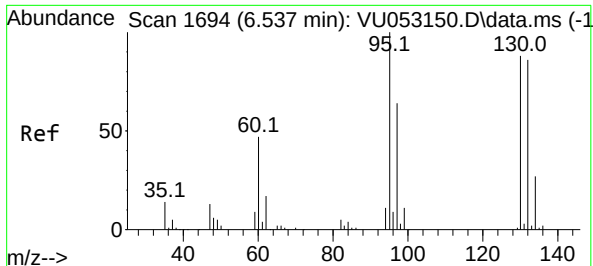
Tgt Ion: 62 Resp: 123597

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4





#37

Trichloroethene

Concen: 16.178 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

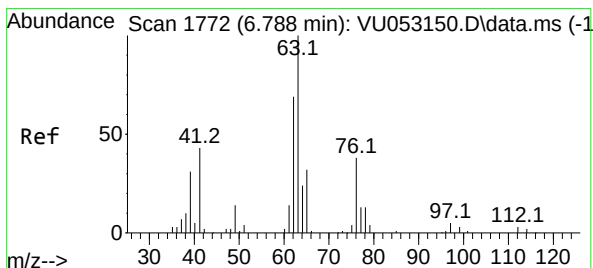
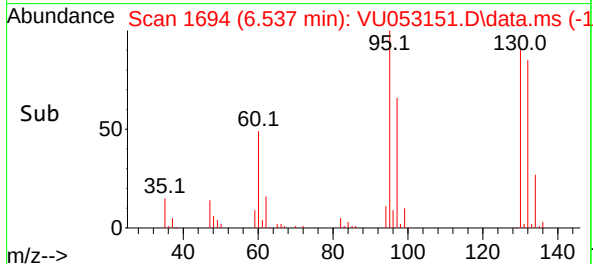
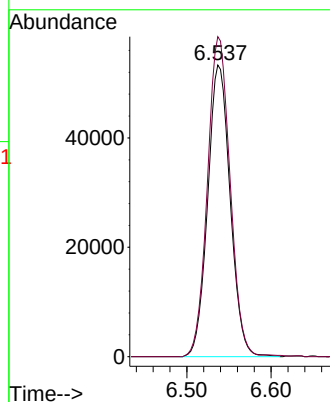
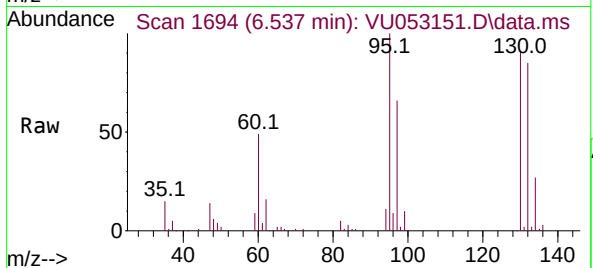
VSTDIC015

Tgt Ion:130 Resp: 98927

Ion Ratio Lower Upper

130 100

95 109.7 91.1 136.7



#38

1,2-Dichloropropane

Concen: 15.873 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VU053151.D

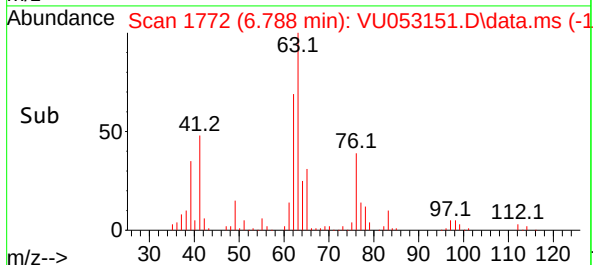
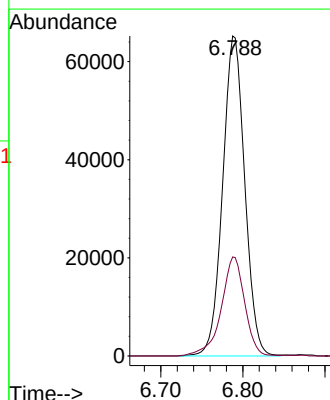
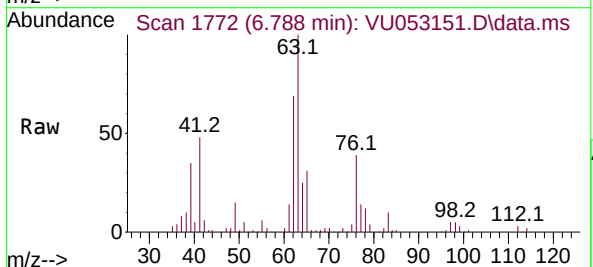
Acq: 27 Feb 2023 12:42

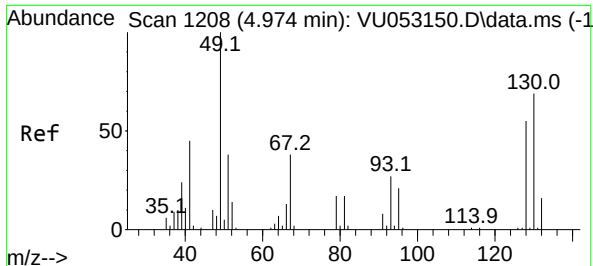
Tgt Ion: 63 Resp: 122325

Ion Ratio Lower Upper

63 100

65 30.8 25.5 38.3





#39

Methacrylonitrile

Concen: 15.081 ug/l

RT: 4.974 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 38157

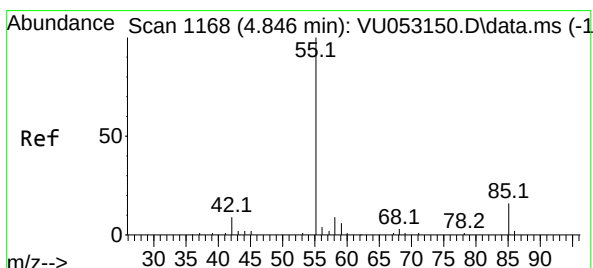
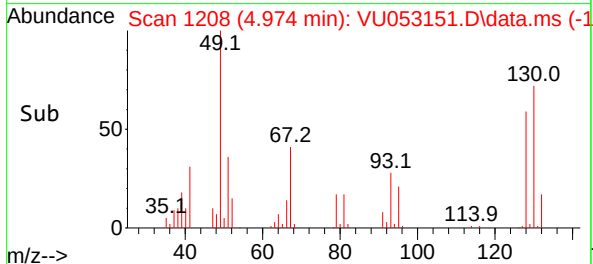
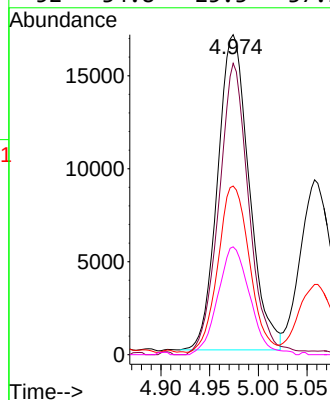
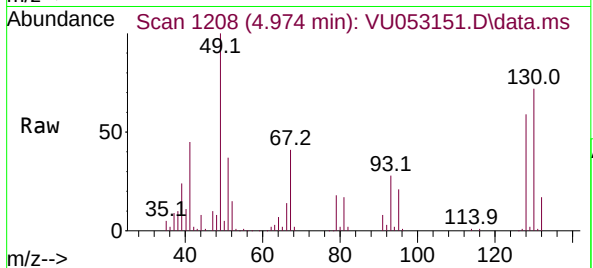
Ion Ratio Lower Upper

41 100

67 88.5 67.1 100.7

39 52.5 42.6 64.0

52 34.8 25.3 37.9



#40

Methyl acrylate

Concen: 17.100 ug/l

RT: 4.846 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Tgt Ion: 55 Resp: 66729

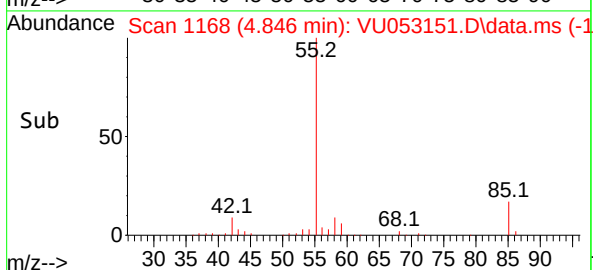
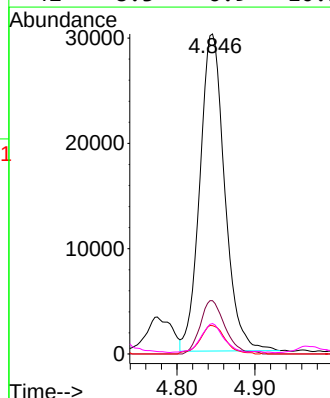
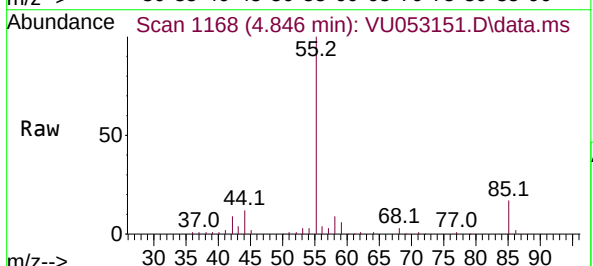
Ion Ratio Lower Upper

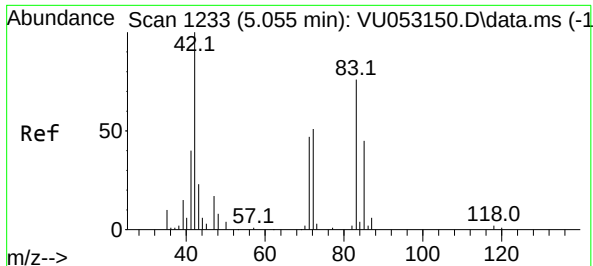
55 100

85 16.8 13.5 20.3

58 9.1 7.3 10.9

42 8.3 6.9 10.3





#41

Tetrahydrofuran

Concen: 29.851 ug/l

RT: 5.058 min Scan# 1233

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

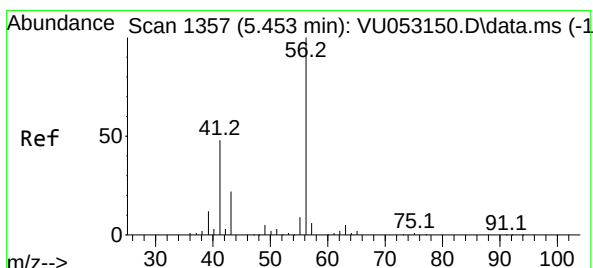
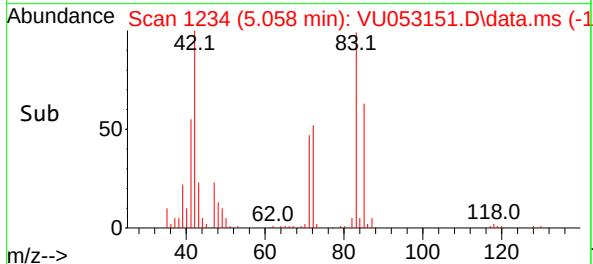
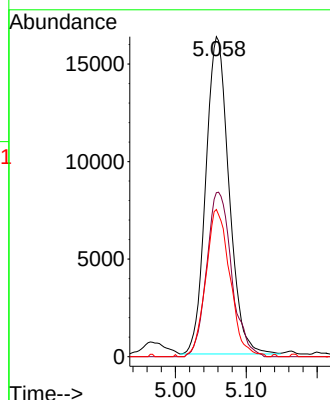
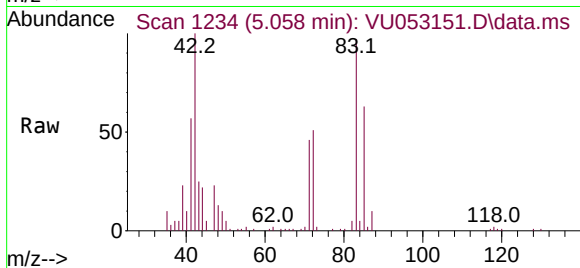
Tgt Ion: 42 Resp: 36951

Ion Ratio Lower Upper

42 100

72 55.8 41.6 62.4

71 48.3 37.9 56.9



#42

1-Chlorobutane

Concen: 15.361 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU053151.D

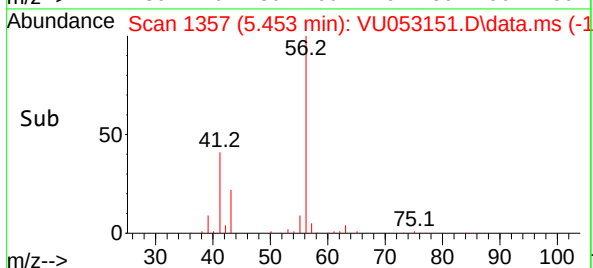
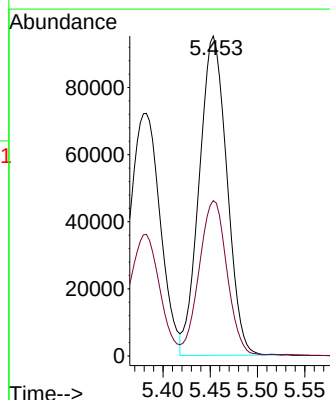
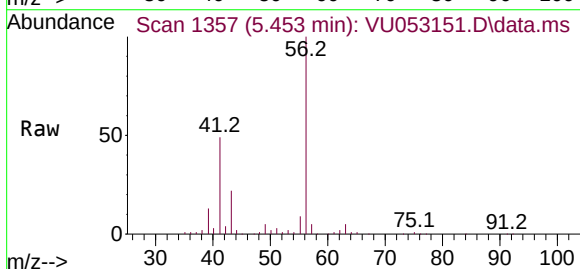
Acq: 27 Feb 2023 12:42

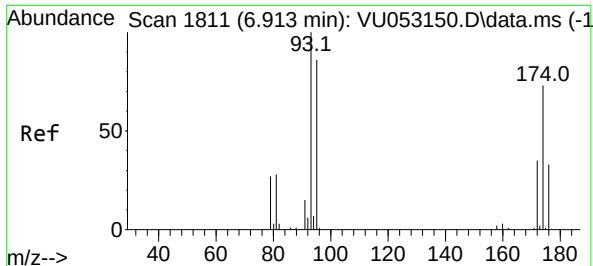
Tgt Ion: 56 Resp: 193113

Ion Ratio Lower Upper

56 100

41 48.3 23.7 71.1





#43

Dibromomethane

Concen: 15.831 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

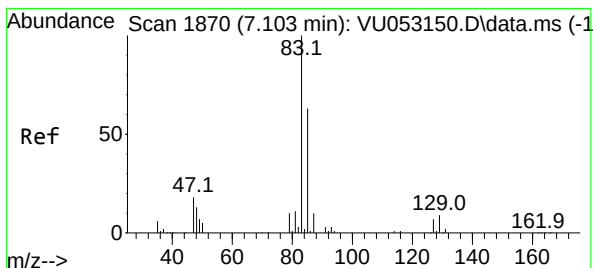
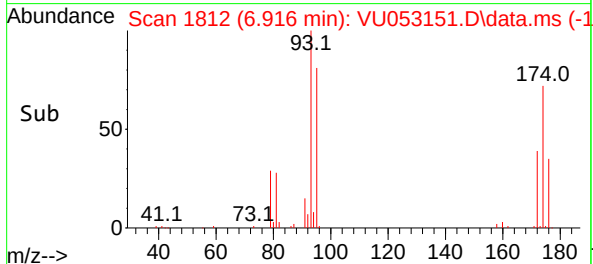
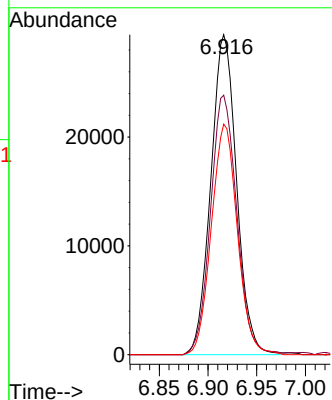
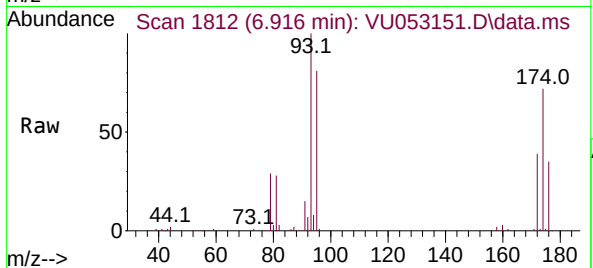
Tgt Ion: 93 Resp: 54075

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

174 72.8 58.2 87.4



#44

Bromodichloromethane

Concen: 16.406 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

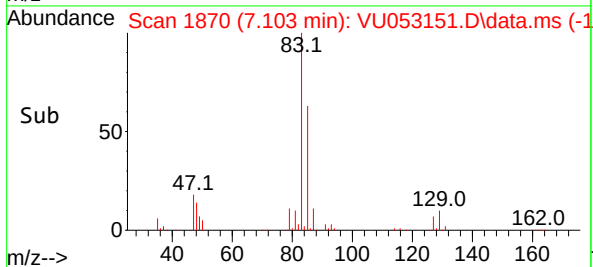
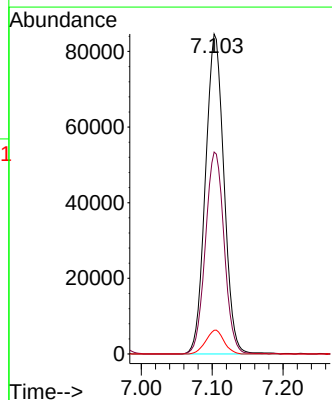
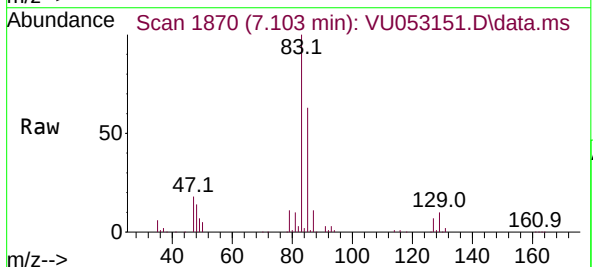
Tgt Ion: 83 Resp: 153305

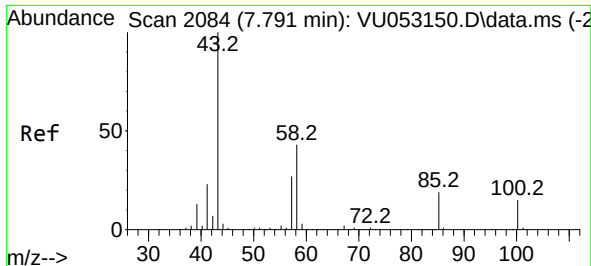
Ion Ratio Lower Upper

83 100

85 63.1 50.6 75.8

127 7.4 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 80.491 ug/l

RT: 7.791 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

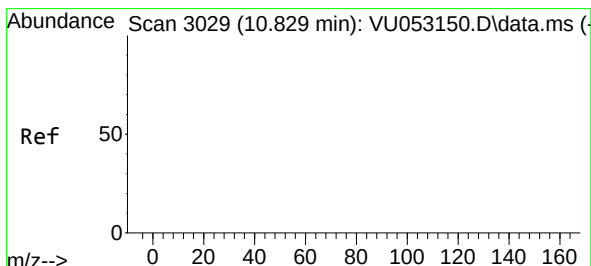
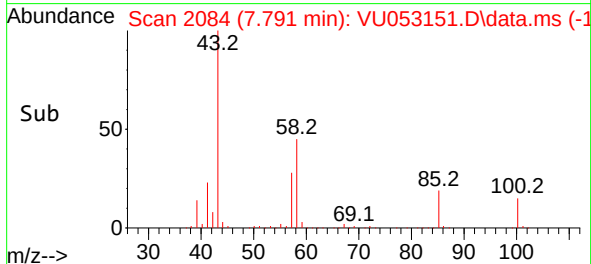
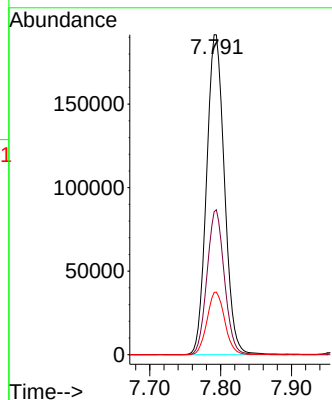
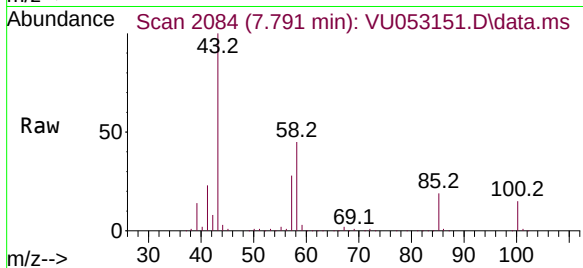
Tgt Ion: 43 Resp: 335695

Ion Ratio Lower Upper

43 100

58 44.1 22.0 66.0

85 19.4 15.7 23.5



#46

t-1,4-Dichloro-2-butene

Concen: 71.405 ug/l

RT: 10.826 min Scan# 3028

Delta R.T. -0.003 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Tgt Ion: 75 Resp: 150066

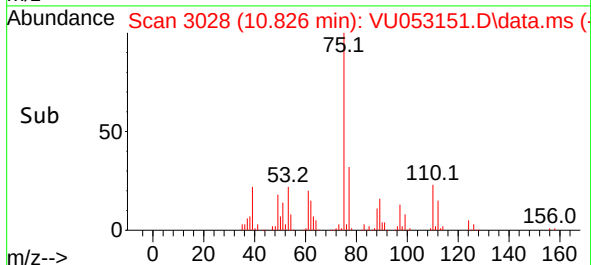
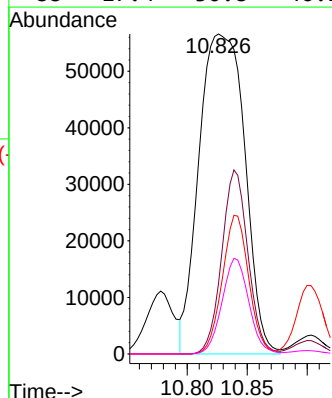
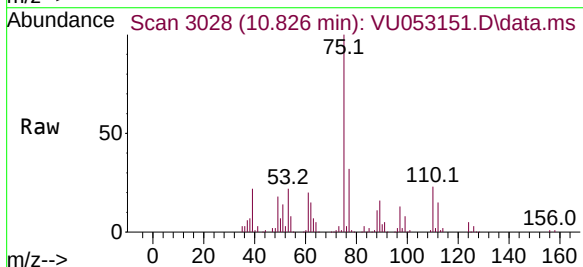
Ion Ratio Lower Upper

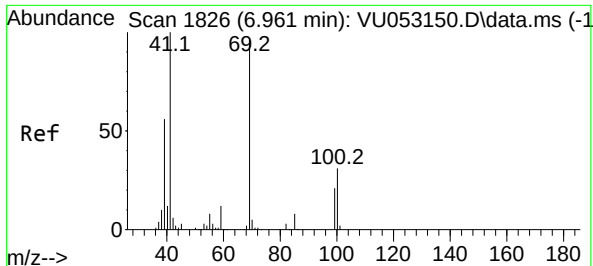
75 100

53 33.0 57.0 85.4#

89 25.1 43.1 64.7#

88 17.4 30.8 46.2#





#47

Methyl methacrylate

Concen: 32.896 ug/l

RT: 6.961 min Scan# 115661

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 115661

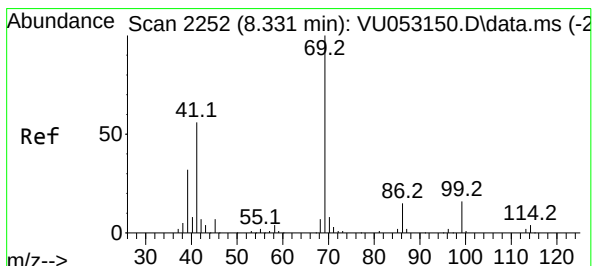
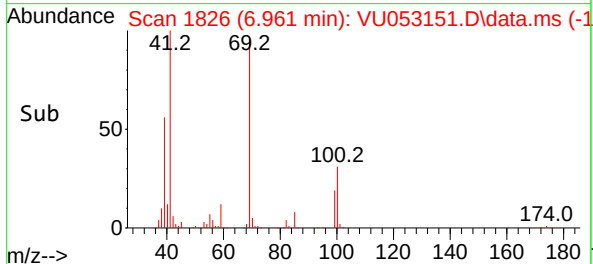
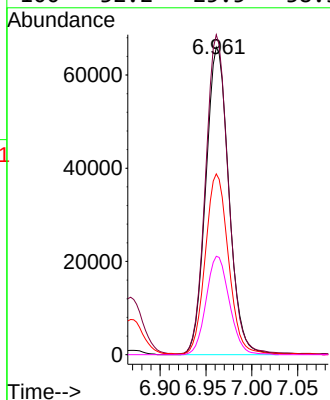
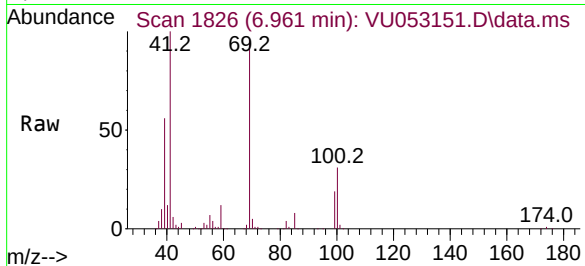
Ion Ratio Lower Upper

69 100

41 102.8 0.0 201.0

39 58.4 47.1 70.7

100 32.2 25.5 38.3



#48

Ethyl methacrylate

Concen: 16.502 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053151.D

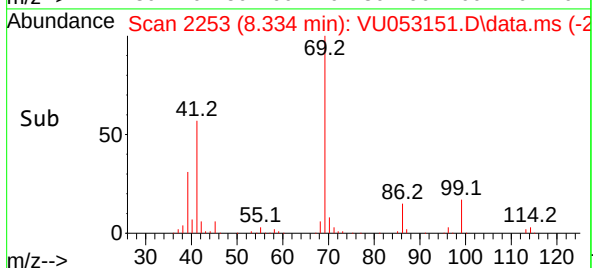
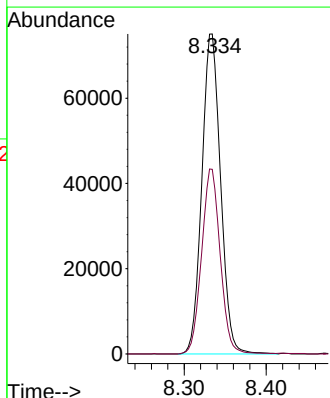
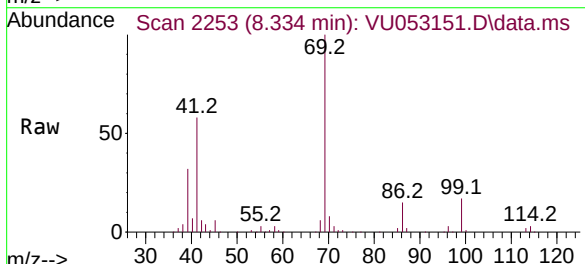
Acq: 27 Feb 2023 12:42

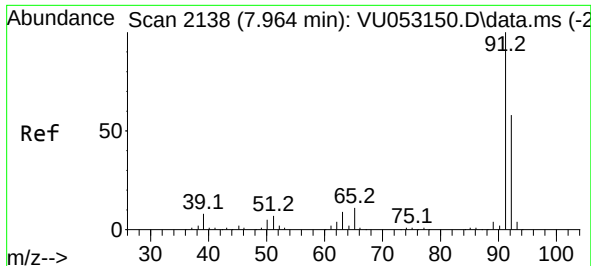
Tgt Ion: 69 Resp: 119059

Ion Ratio Lower Upper

69 100

41 57.4 28.2 84.6

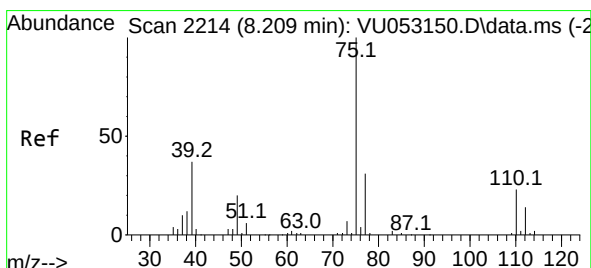
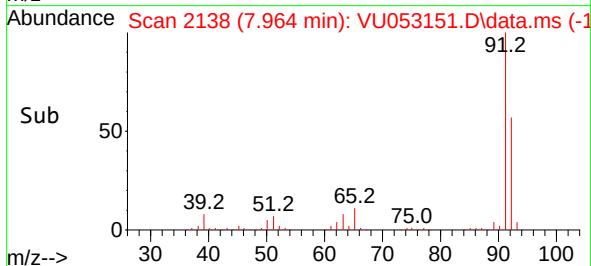
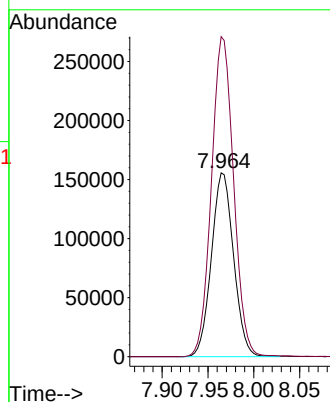
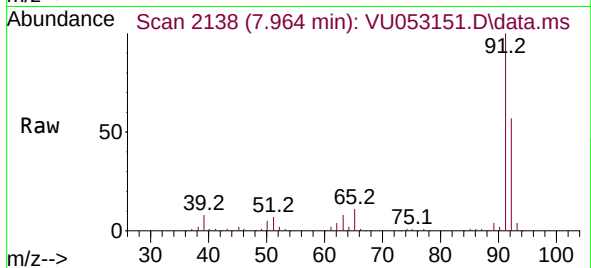




#49
Toluene
Concen: 15.969 ug/l
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

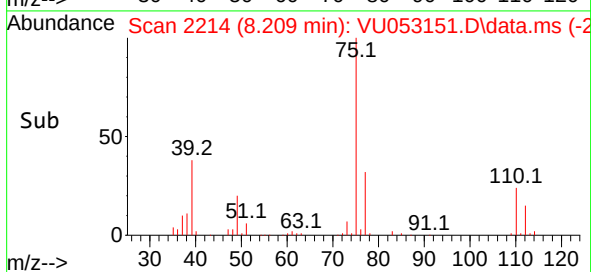
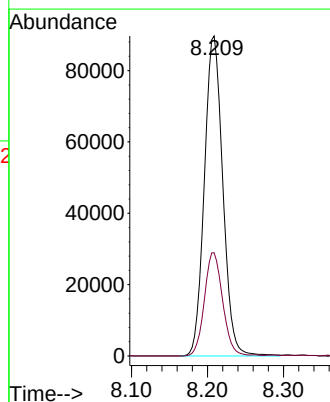
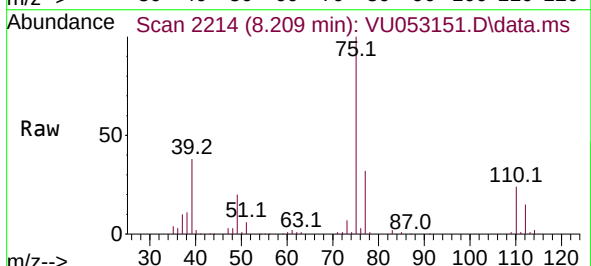
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

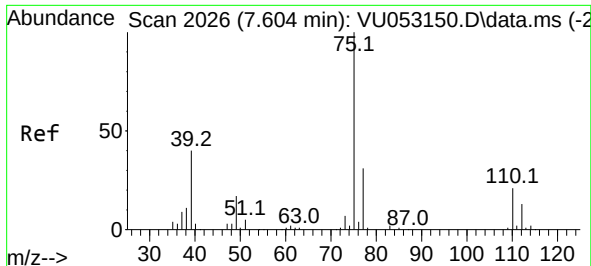
Tgt Ion: 92 Resp: 262079
Ion Ratio Lower Upper
92 100
91 174.3 138.2 207.2



#50
t-1,3-Dichloropropene
Concen: 16.665 ug/l
RT: 8.209 min Scan# 2214
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 75 Resp: 151277
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7

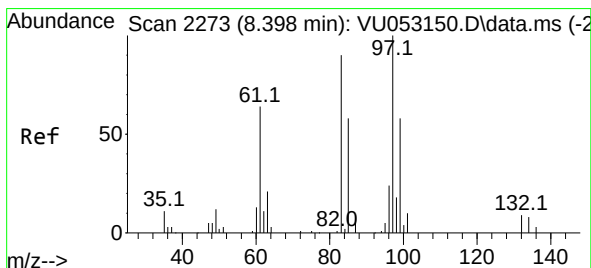
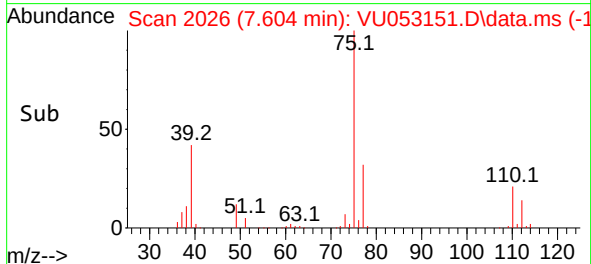
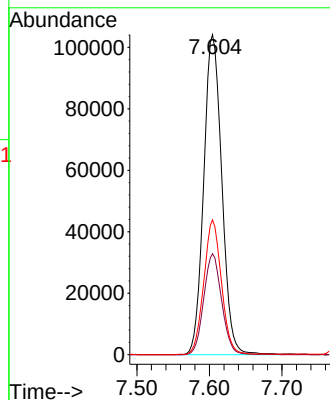
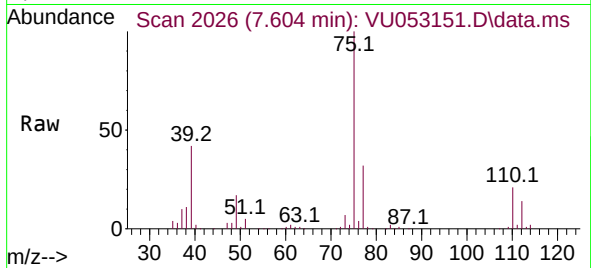




#51
 cis-1,3-Dichloropropene
 Concen: 16.416 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

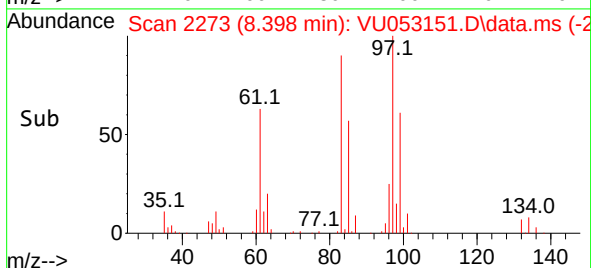
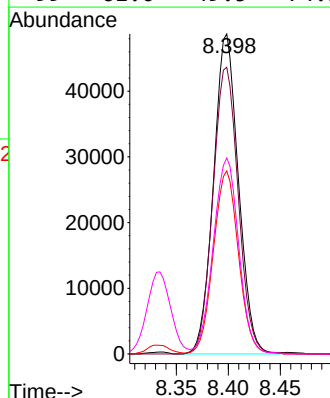
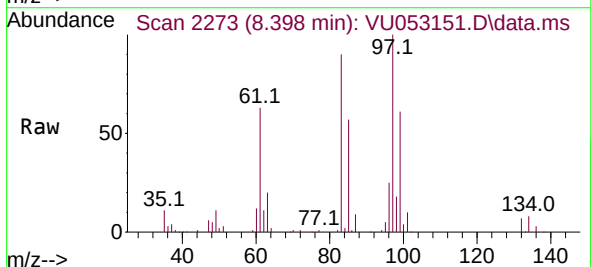
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

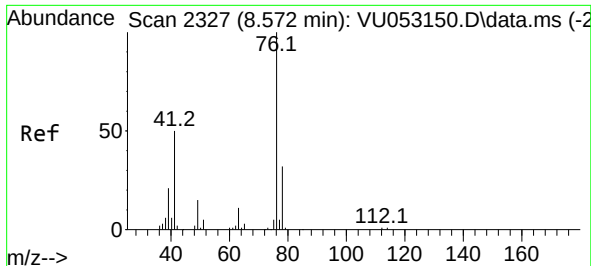
Tgt Ion: 75 Resp: 180586
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3
 39 42.0 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 16.217 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

Tgt Ion: 97 Resp: 81368
 Ion Ratio Lower Upper
 97 100
 83 89.6 71.9 107.9
 85 57.0 46.5 69.7
 99 61.0 49.5 74.3





#53

1,3-Dichloropropane

Concen: 16.078 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

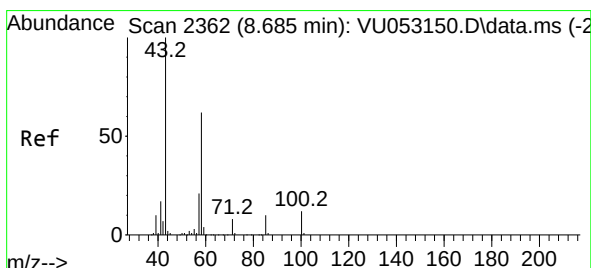
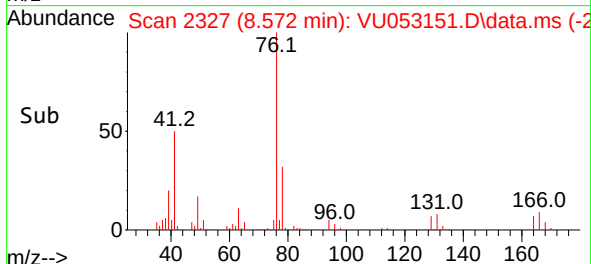
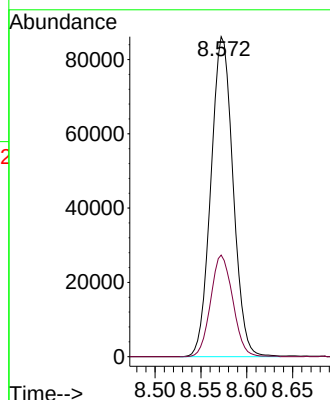
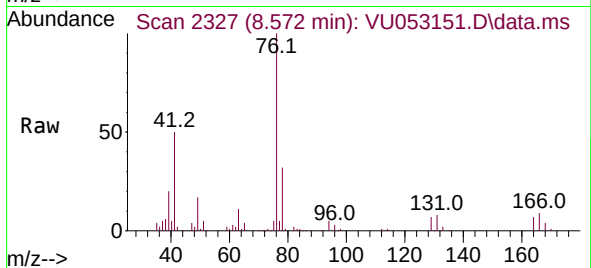
VSTDIC015

Tgt Ion: 76 Resp: 144627

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#54

2-Hexanone

Concen: 76.983 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

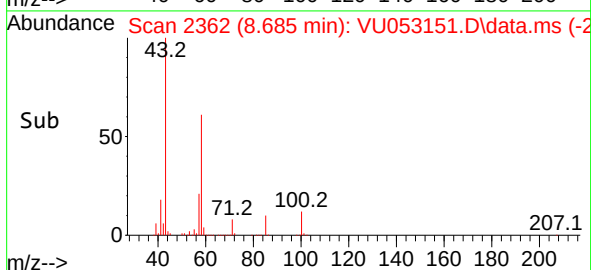
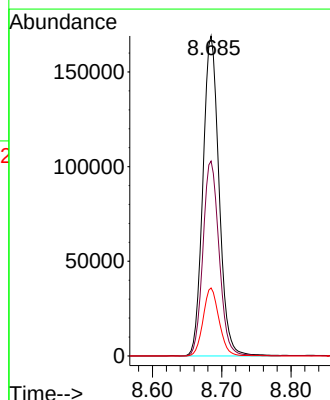
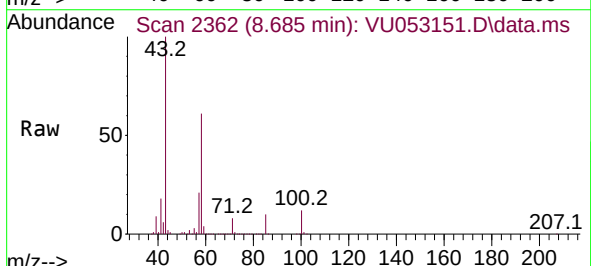
Tgt Ion: 43 Resp: 273553

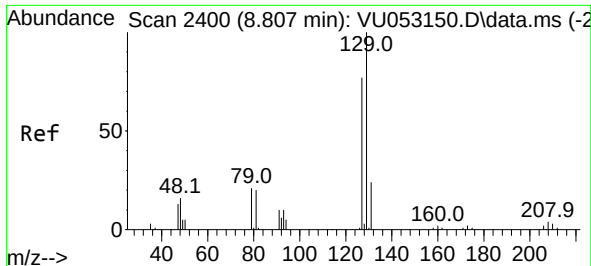
Ion Ratio Lower Upper

43 100

58 61.1 42.0 82.0

57 21.0 1.2 41.2

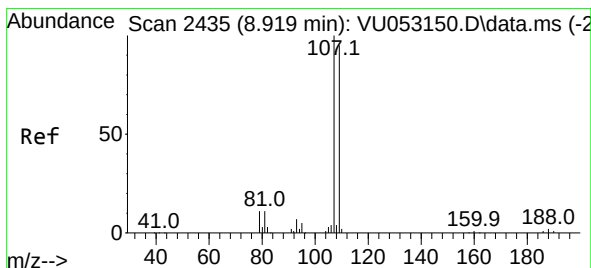
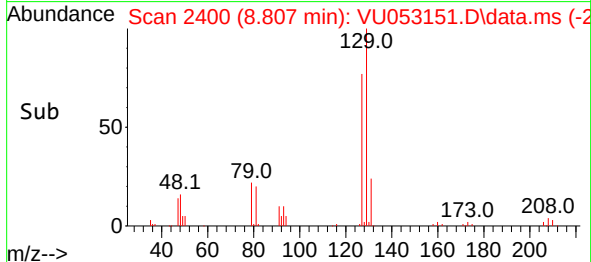
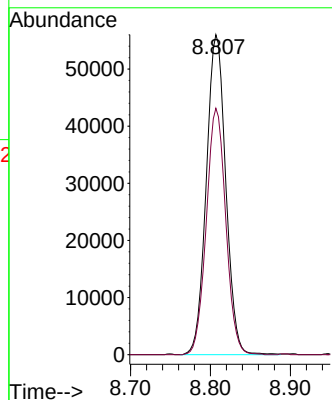
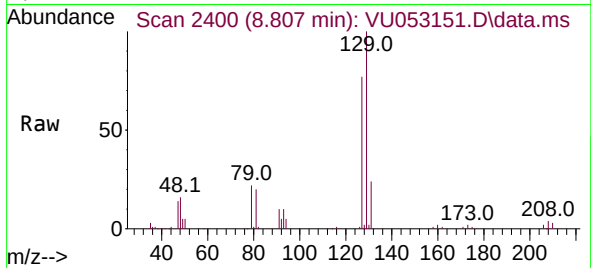




#55
Dibromochloromethane
Concen: 16.563 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

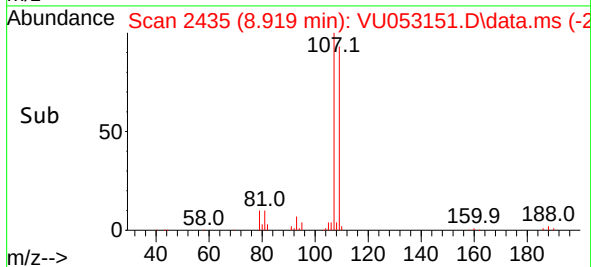
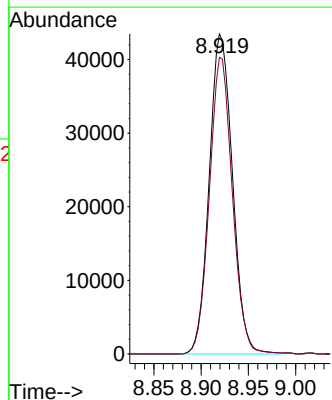
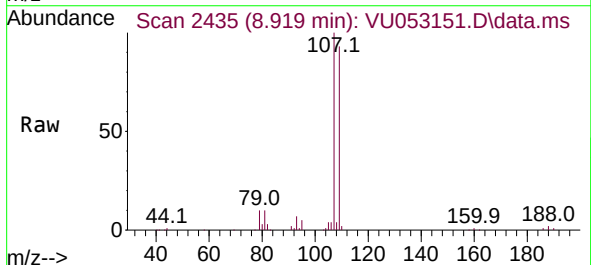
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

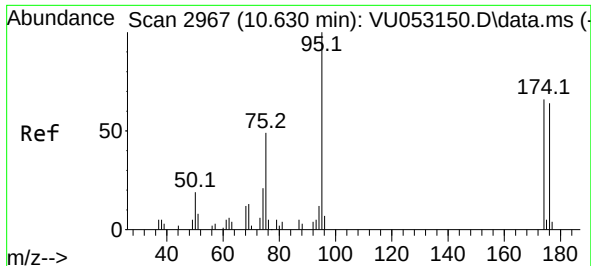
Tgt Ion:129 Resp: 94818
Ion Ratio Lower Upper
129 100
127 77.0 61.1 91.7



#56
1,2-Dibromoethane
Concen: 16.689 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:107 Resp: 74391
Ion Ratio Lower Upper
107 100
109 91.6 0.0 186.2

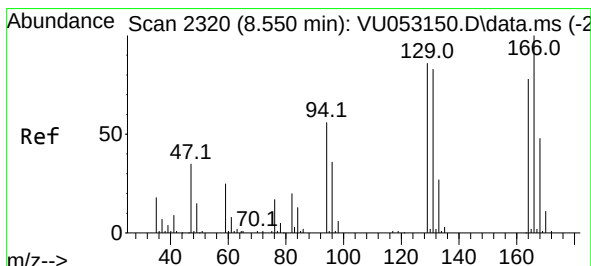
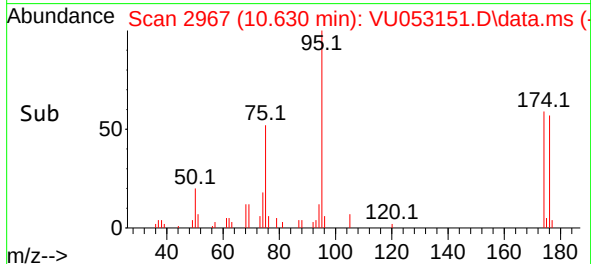
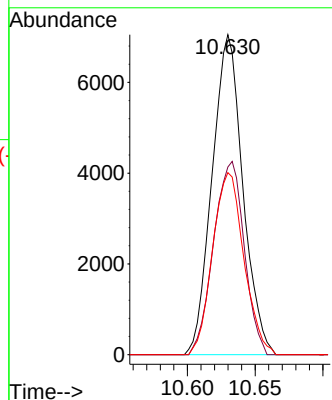
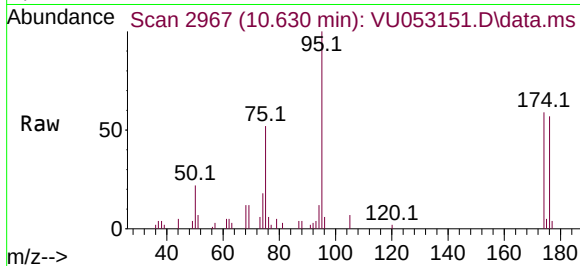




#57
4-Bromofluorobenzene
Concen: 0.990 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

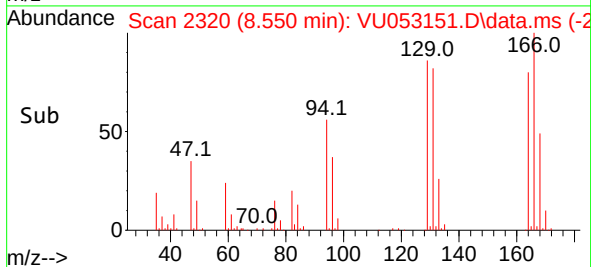
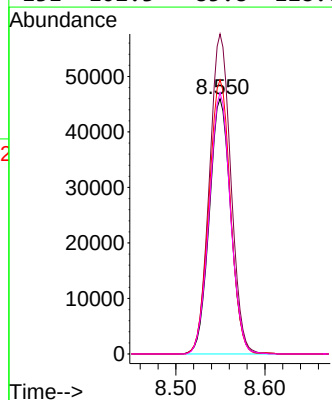
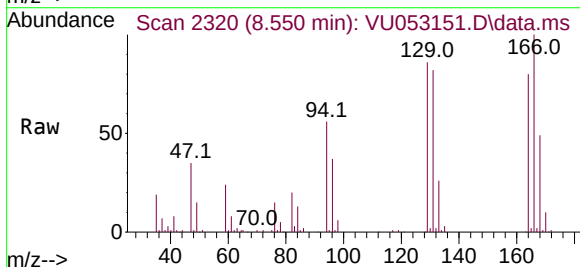
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

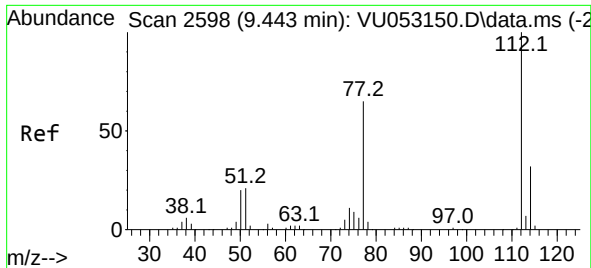
Tgt Ion: 95 Resp: 11115
Ion Ratio Lower Upper
95 100
174 60.2 50.7 76.1
176 58.0 47.8 71.6



#58
Tetrachloroethene
Concen: 15.683 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 164 Resp: 76471
Ion Ratio Lower Upper
164 100
166 125.4 103.2 154.8
129 107.4 88.8 133.2
131 102.3 85.8 128.6

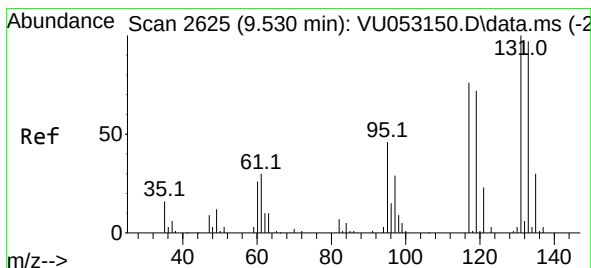
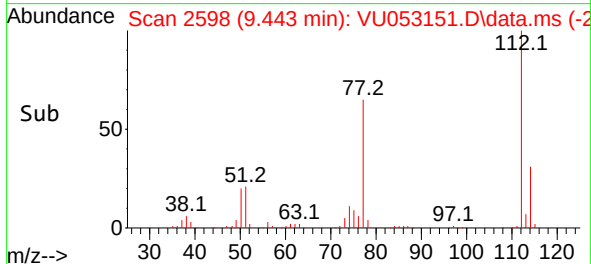
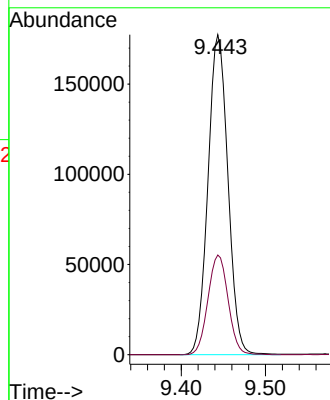
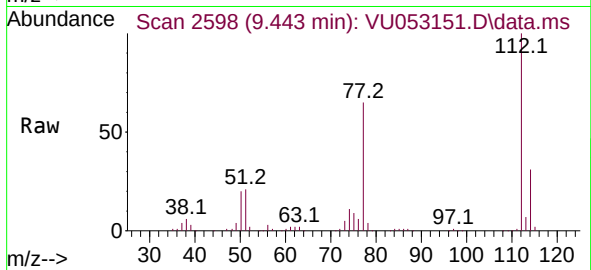




#59
Chlorobenzene
Concen: 15.897 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

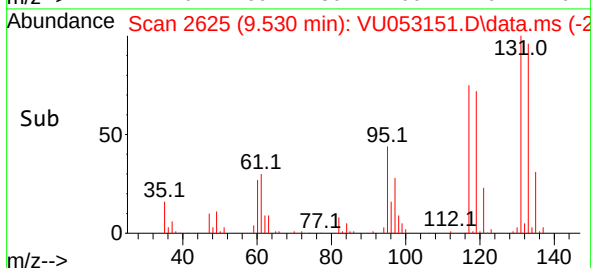
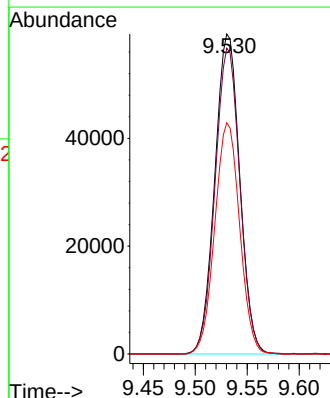
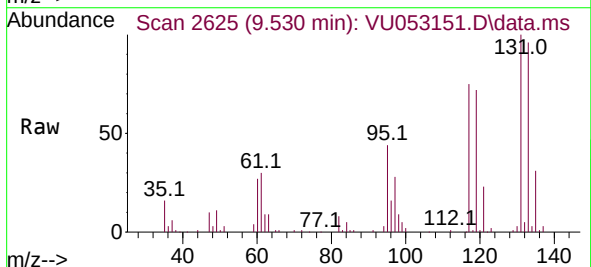
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

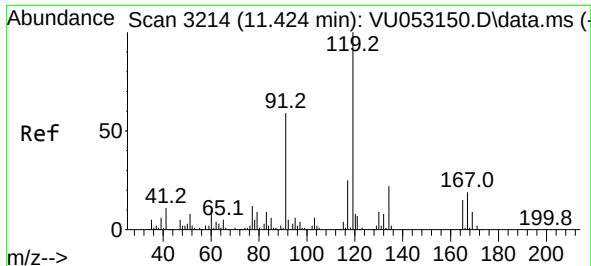
Tgt Ion:112 Resp: 291740
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 16.345 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:131 Resp: 99083
Ion Ratio Lower Upper
131 100
133 95.1 76.7 115.1
119 72.0 57.6 86.4

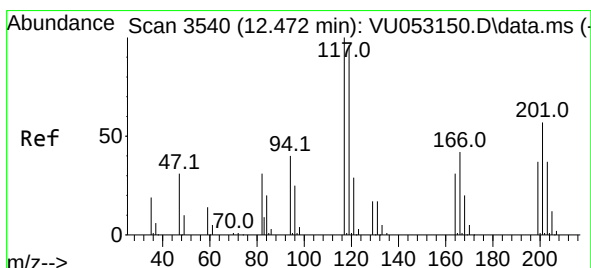
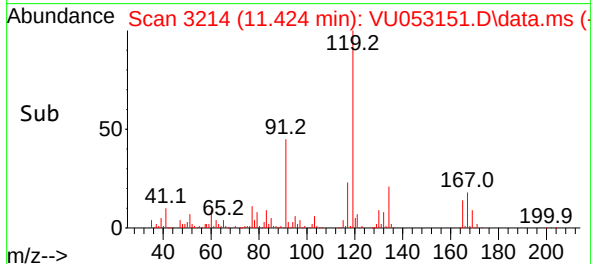
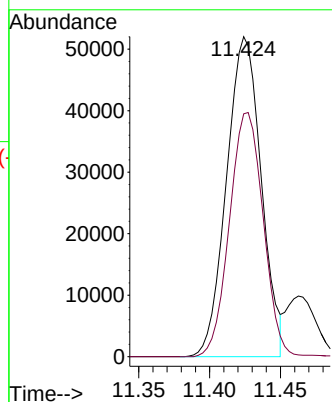
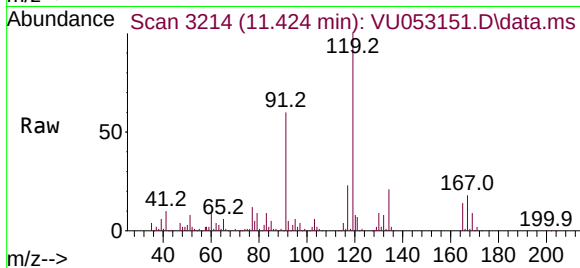




#61
Pentachloroethane
Concen: 16.843 ug/l
RT: 11.424 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

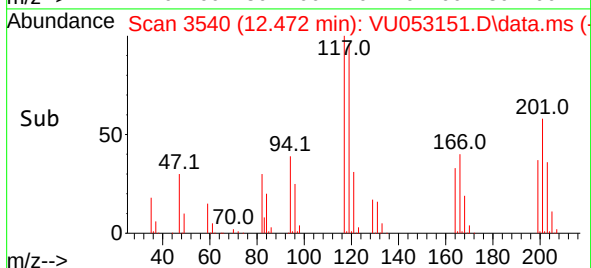
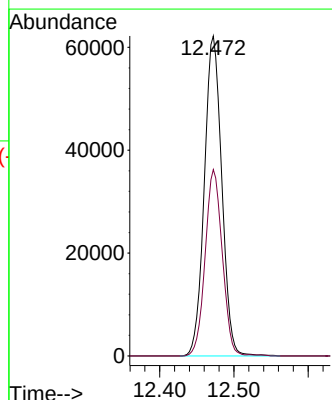
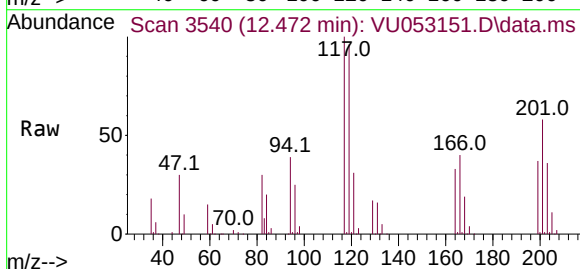
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

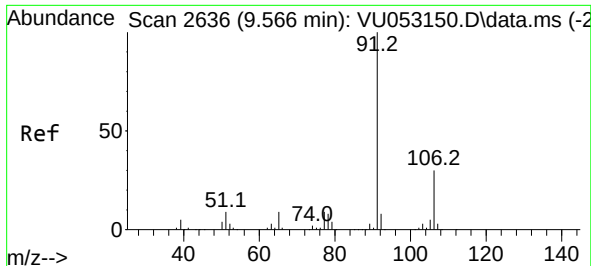
Tgt Ion:117 Resp: 88717
Ion Ratio Lower Upper
117 100
167 74.4 57.5 86.3



#62
Hexachloroethane
Concen: 17.473 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:117 Resp: 101472
Ion Ratio Lower Upper
117 100
201 56.9 46.7 70.1

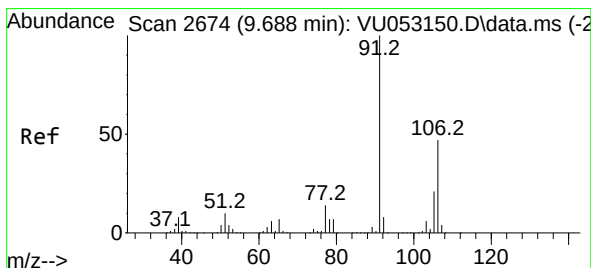
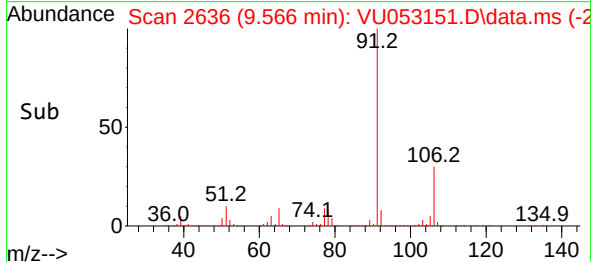
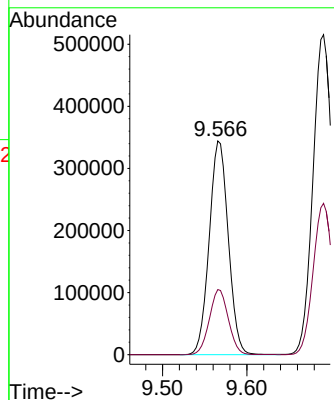
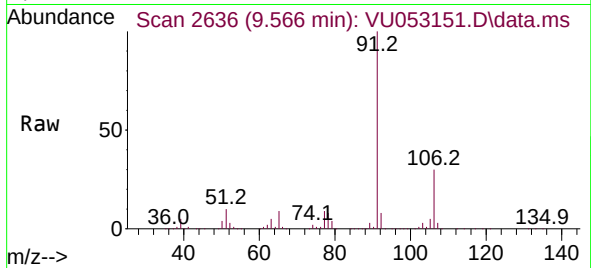




#63
Ethyl Benzene
Concen: 16.001 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

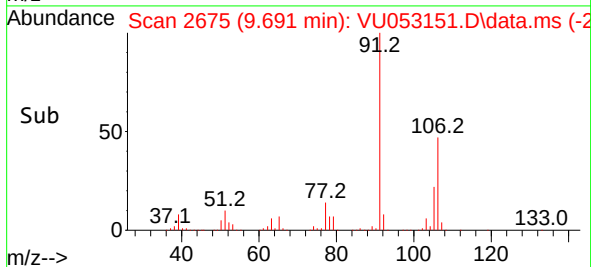
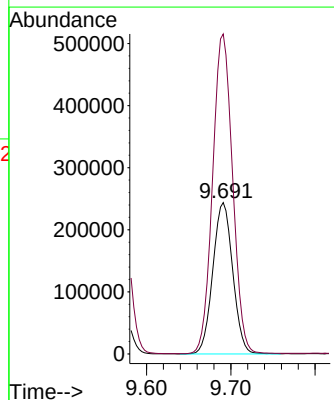
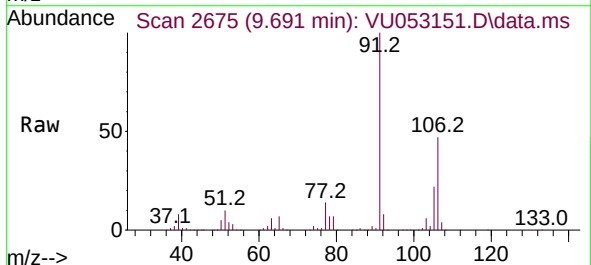
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

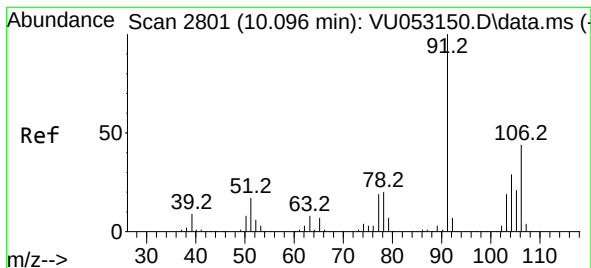
Tgt Ion: 91 Resp: 541970
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#64
m/p-Xylenes
Concen: 32.488 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 106 Resp: 399101
Ion Ratio Lower Upper
106 100
91 212.2 170.7 256.1





#65

o-Xylene

Concen: 16.036 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

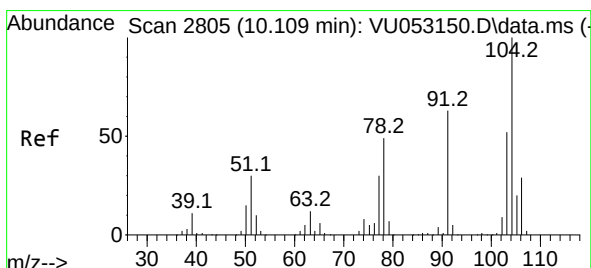
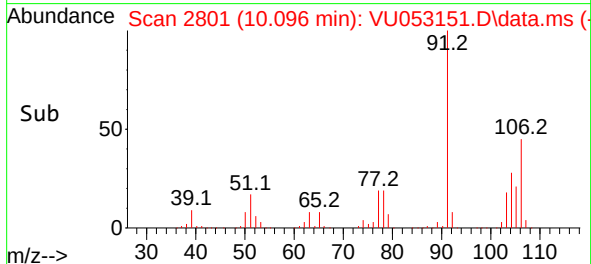
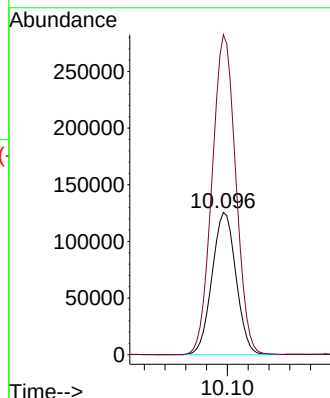
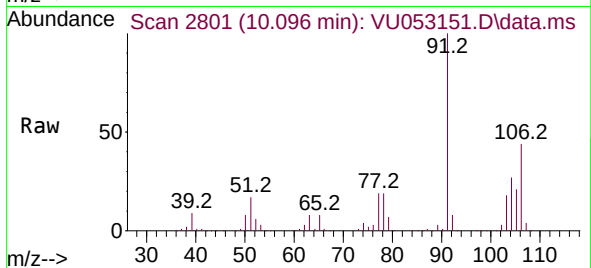
VSTDIC015

Tgt Ion:106 Resp: 201170

Ion Ratio Lower Upper

106 100

91 223.2 112.8 338.4



#66

Styrene

Concen: 16.857 ug/l

RT: 10.109 min Scan# 2805

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

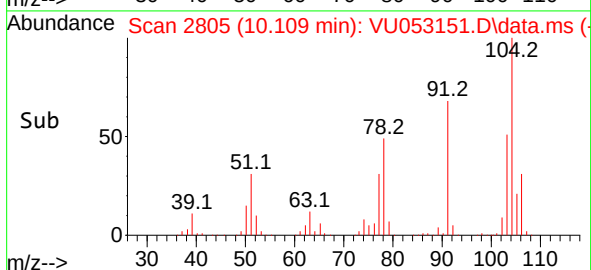
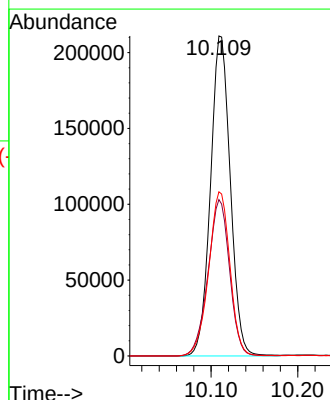
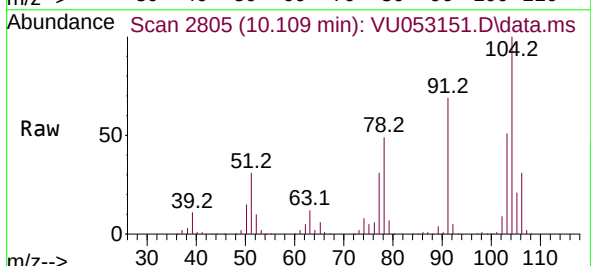
Tgt Ion:104 Resp: 335243

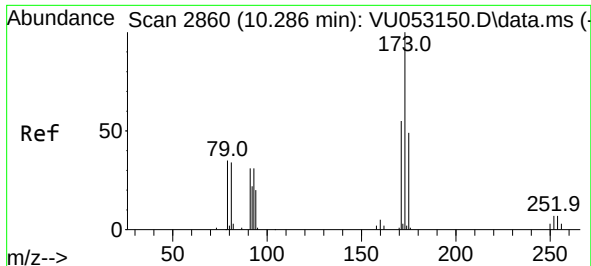
Ion Ratio Lower Upper

104 100

78 53.1 43.3 64.9

103 54.8 45.2 67.8

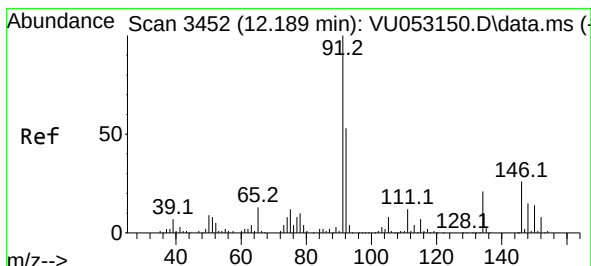
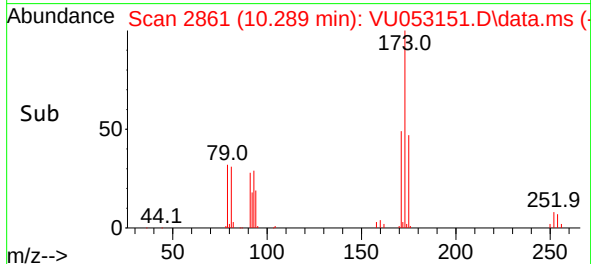
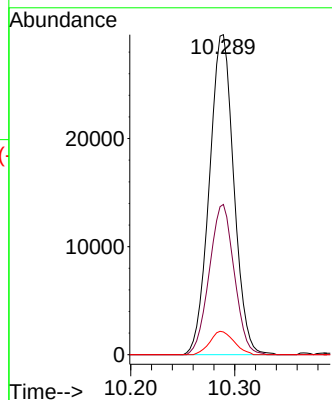
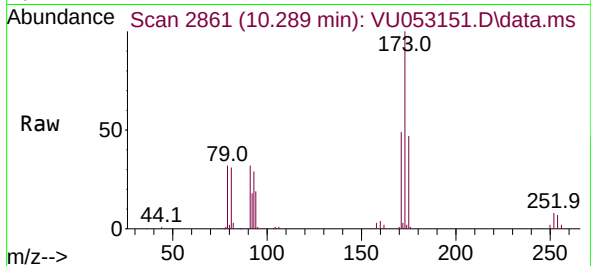




#67
Bromoform
Concen: 17.389 ug/l
RT: 10.289 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

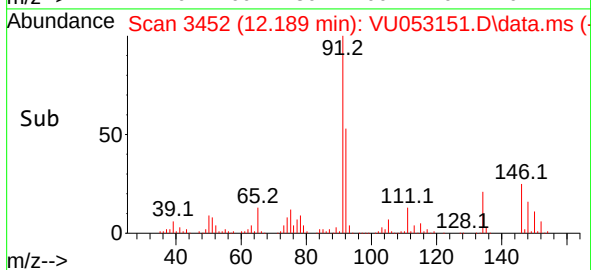
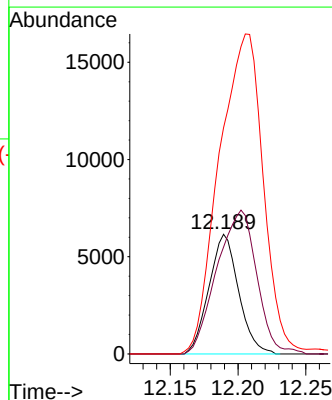
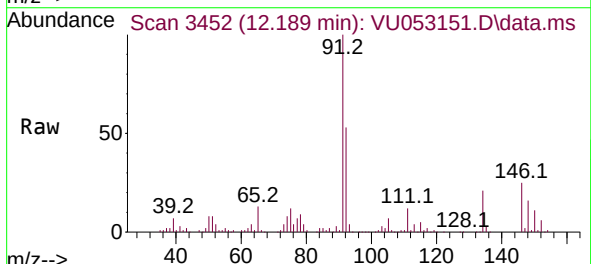
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

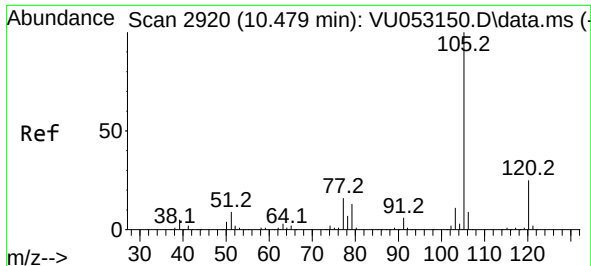
Tgt Ion:173 Resp: 48410
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 7.2 5.8 8.8



#68
1,2-Dichlorobenzene-d4
Concen: 1.054 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:152 Resp: 9377
Ion Ratio Lower Upper
152 100
115 161.2 0.0 267.8
150 394.7 0.0 623.0

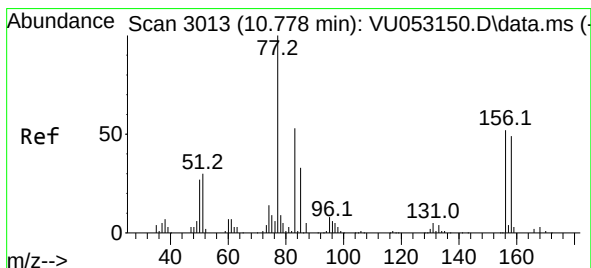
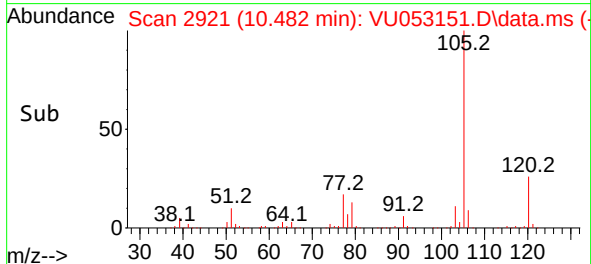
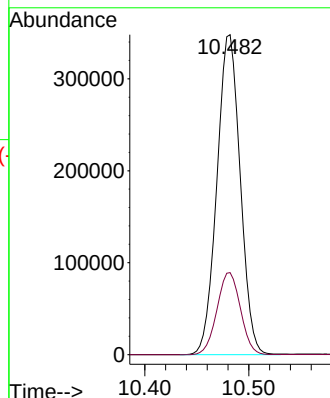
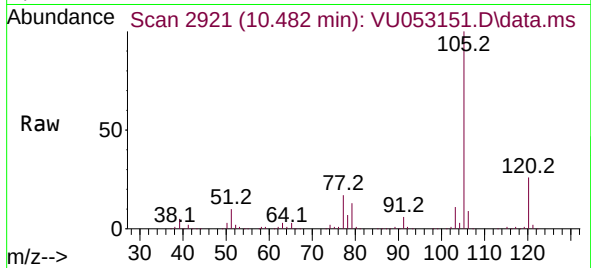




#69
Isopropylbenzene
Concen: 16.155 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

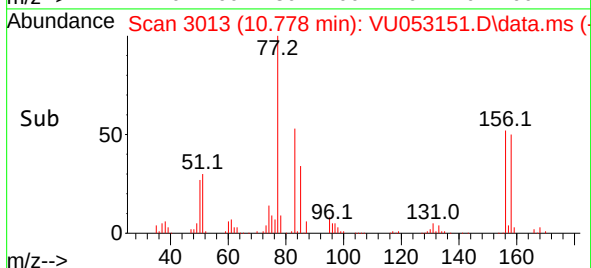
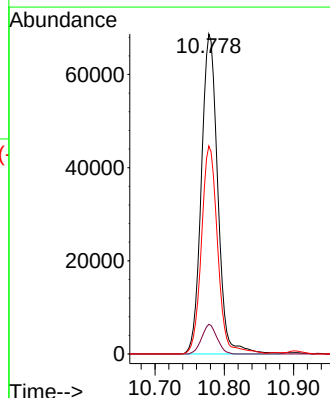
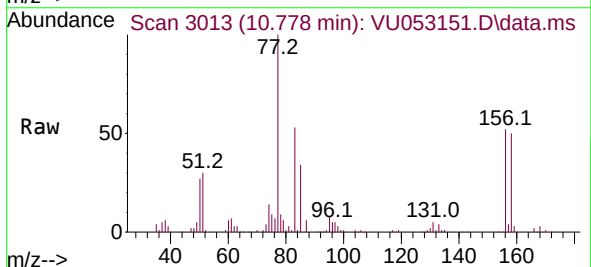
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

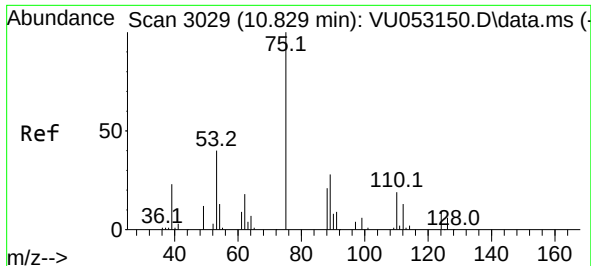
Tgt Ion:105 Resp: 542821
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 16.674 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 83 Resp: 112747
Ion Ratio Lower Upper
83 100
131 8.6 6.6 9.8
85 64.6 49.3 73.9



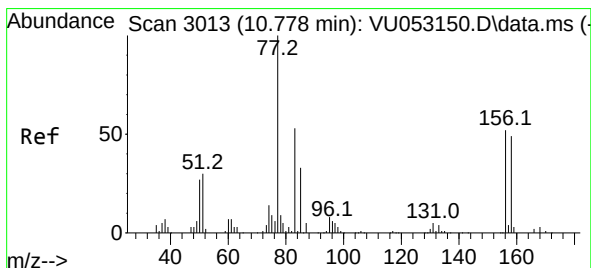
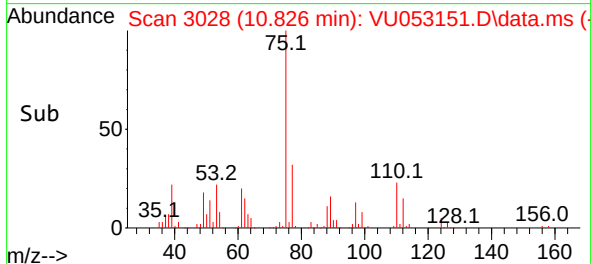
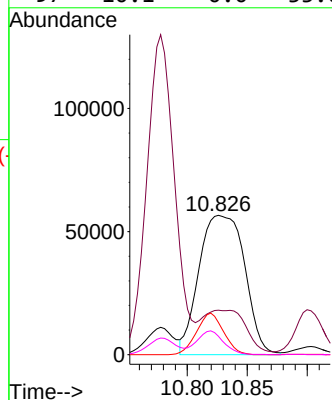
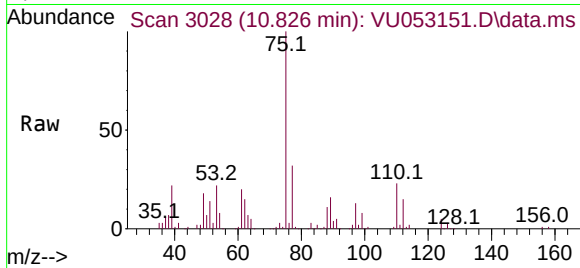


#71
1,2,3-Trichloropropane
Concen: 26.574 ug/l
RT: 10.826 min Scan# 3029
Delta R.T. -0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 150066

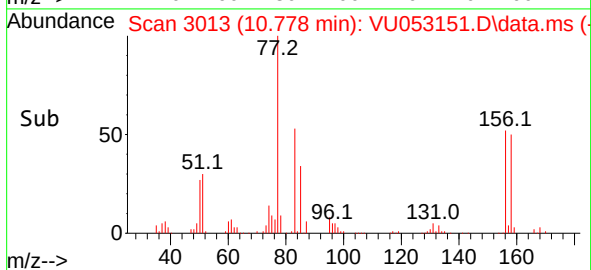
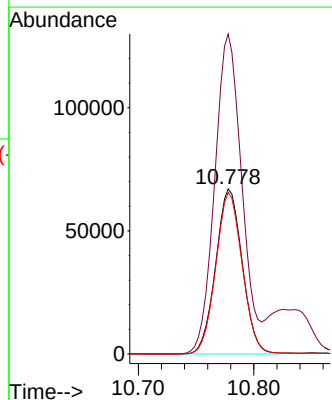
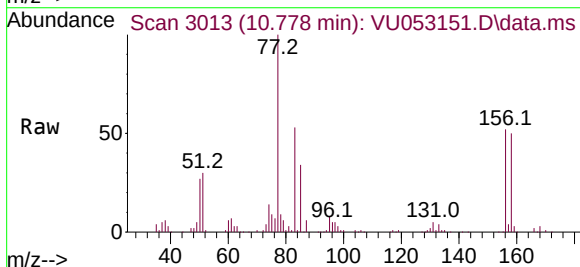
Ion	Ratio	Lower	Upper
75	100		
77	28.7	0.0	98.2
110	17.6	0.0	57.0
97	10.1	0.0	33.6

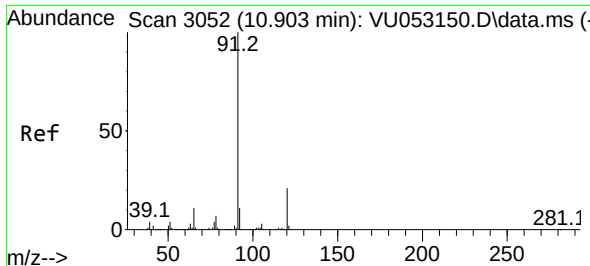


#72
Bromobenzene
Concen: 16.390 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 156 Resp: 106857

Ion	Ratio	Lower	Upper
156	100		
77	197.9	0.0	397.0
158	97.5	0.0	189.2

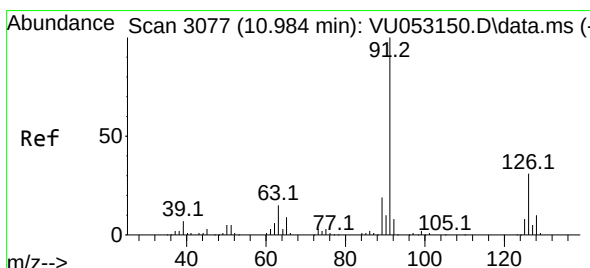
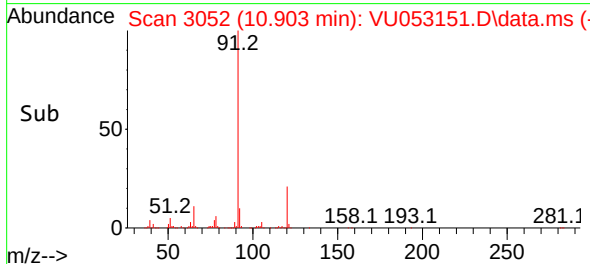
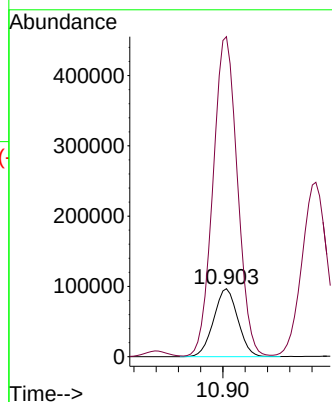
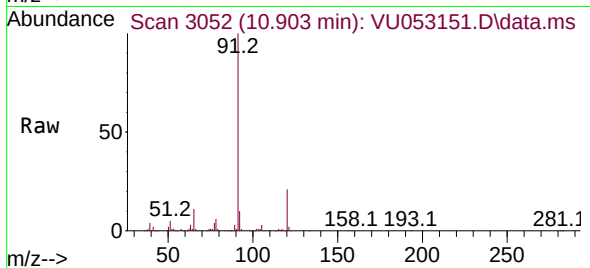




#73
n-propylbenzene
Concen: 16.376 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

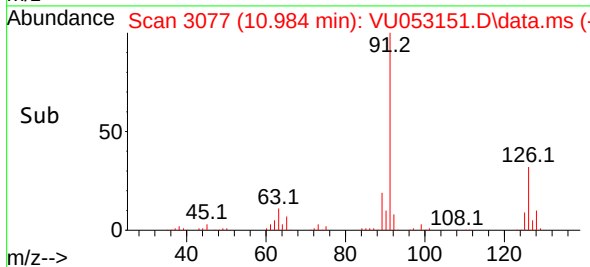
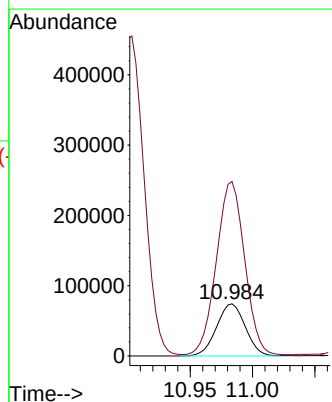
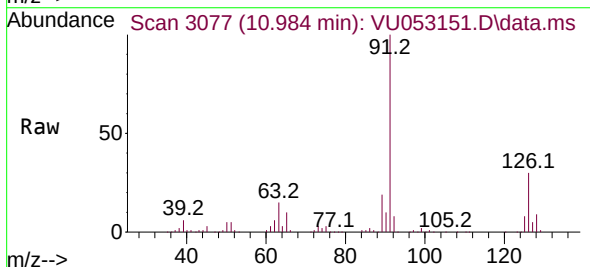
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

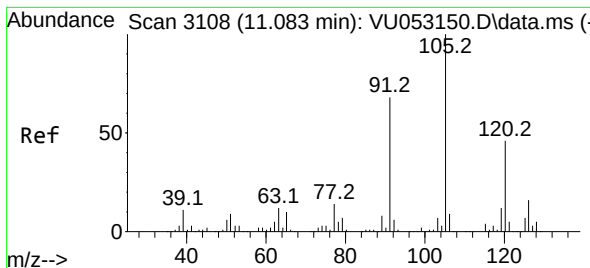
Tgt Ion:120 Resp: 145987
Ion Ratio Lower Upper
120 100
91 473.1 372.5 558.7



#74
2-Chlorotoluene
Concen: 16.145 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:126 Resp: 119168
Ion Ratio Lower Upper
126 100
91 325.8 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 16.497 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

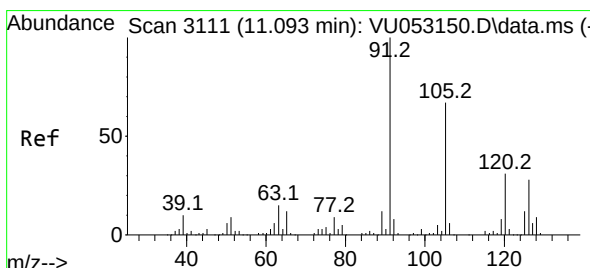
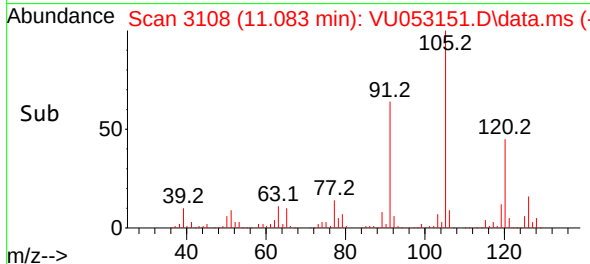
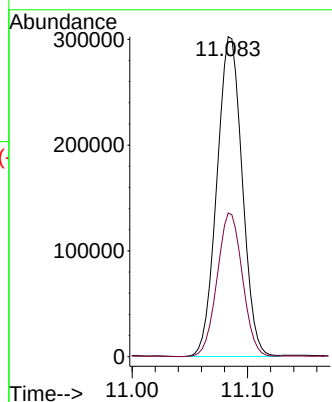
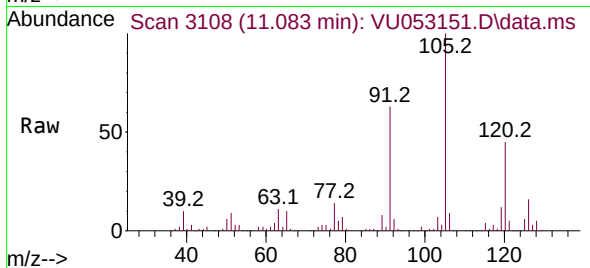
VSTDIC015

Tgt Ion:105 Resp: 461234

Ion Ratio Lower Upper

105 100

120 44.7 36.5 54.7



#76

4-Chlorotoluene

Concen: 16.225 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053151.D

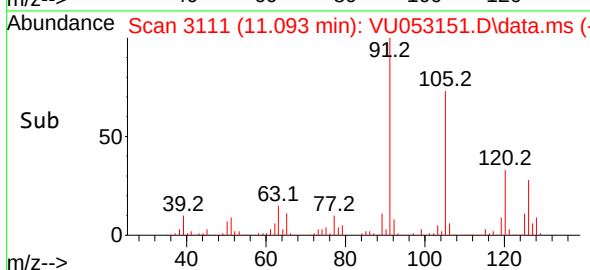
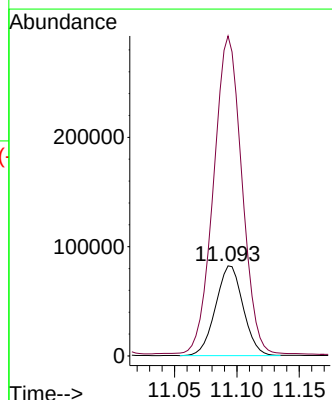
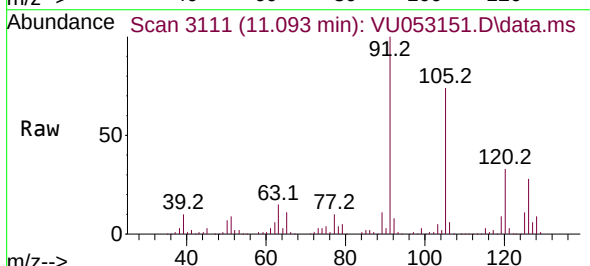
Acq: 27 Feb 2023 12:42

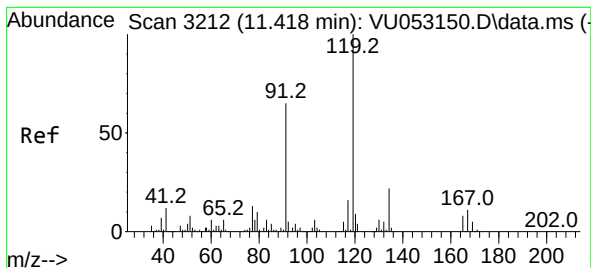
Tgt Ion:126 Resp: 125888

Ion Ratio Lower Upper

126 100

91 373.0 0.0 760.6





#77

tert-Butylbenzene

Concen: 16.493 ug/l

RT: 11.418 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU053151.D

Acq: 27 Feb 2023 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

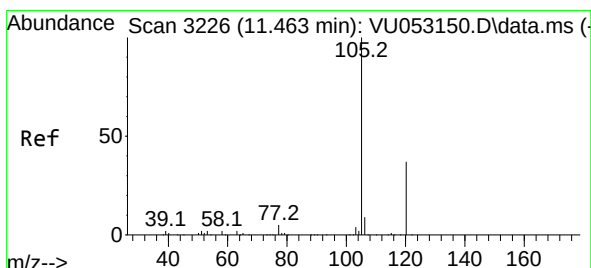
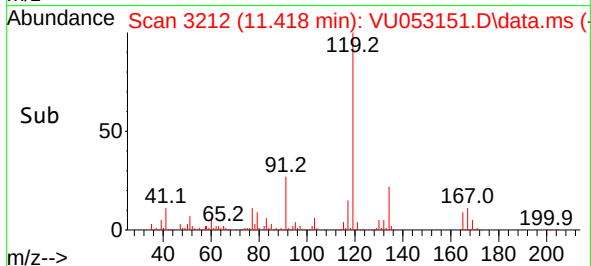
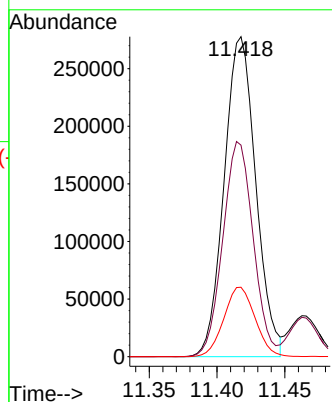
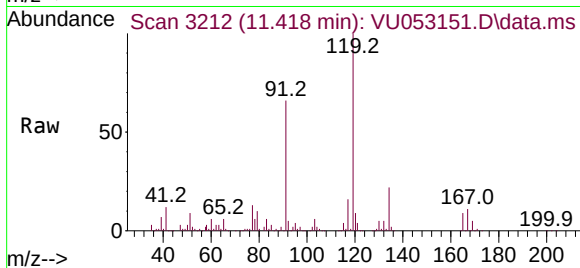
Tgt Ion:119 Resp: 451858

Ion Ratio Lower Upper

119 100

91 64.3 31.9 95.7

134 21.5 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 16.557 ug/l

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053151.D

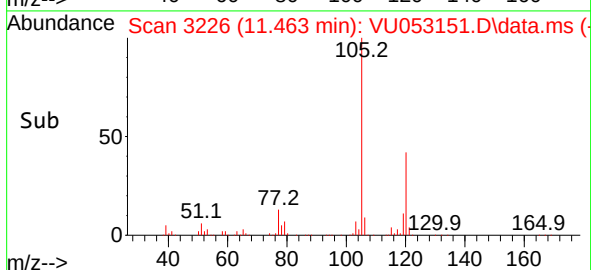
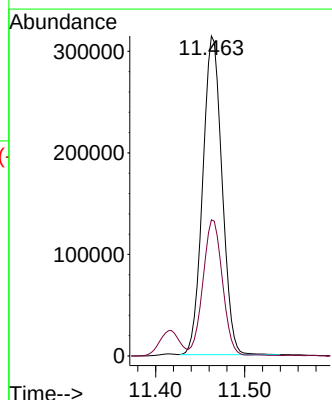
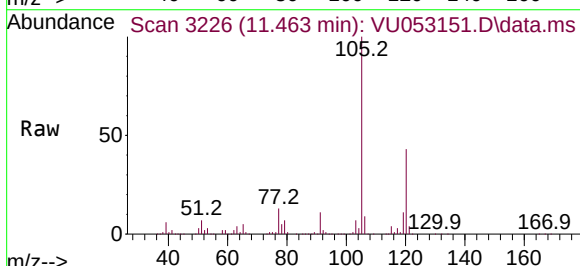
Acq: 27 Feb 2023 12:42

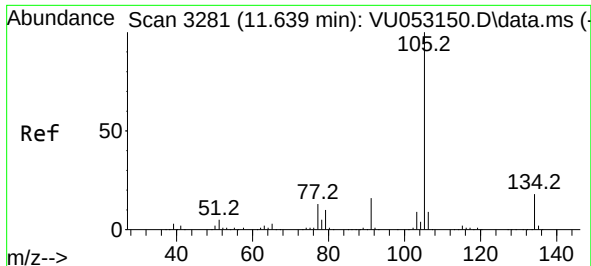
Tgt Ion:105 Resp: 471774

Ion Ratio Lower Upper

105 100

120 42.6 21.1 63.1

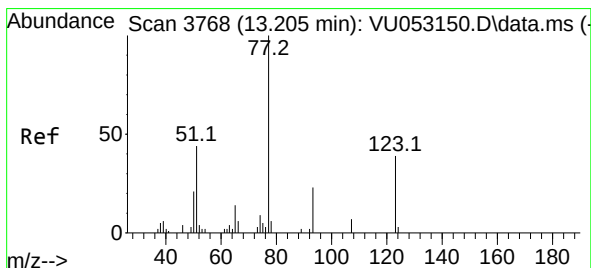
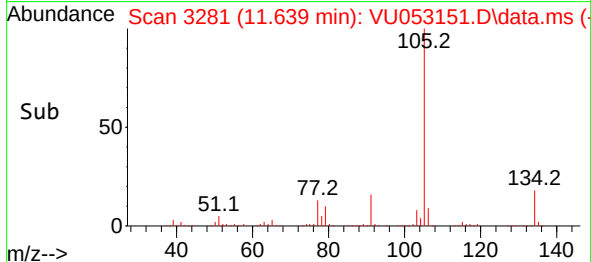
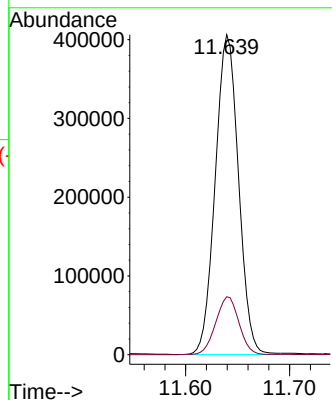
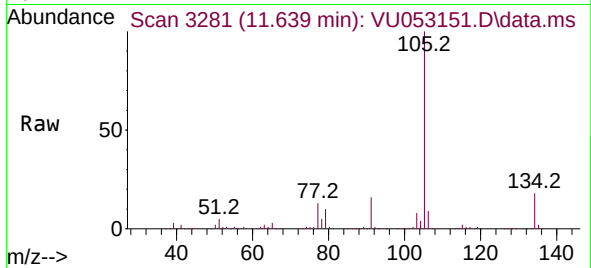




#79
 sec-Butylbenzene
 Concen: 16.621 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

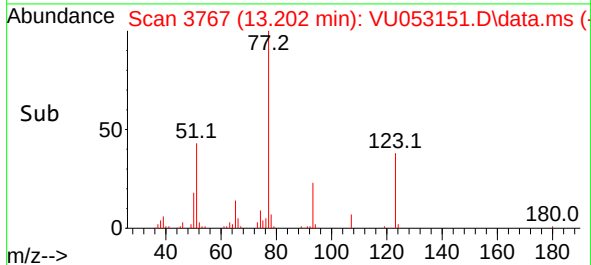
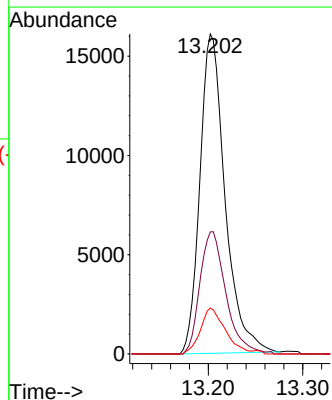
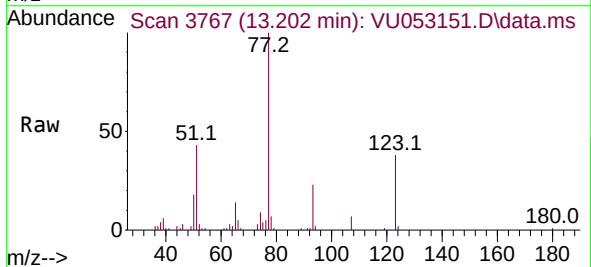
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

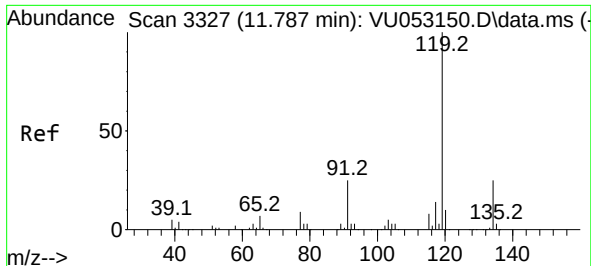
Tgt Ion:105 Resp: 631902
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.4 21.6



#80
 Nitrobenzene
 Concen: 84.158 ug/l
 RT: 13.202 min Scan# 3767
 Delta R.T. -0.003 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

Tgt Ion: 77 Resp: 29741
 Ion Ratio Lower Upper
 77 100
 123 39.5 17.0 60.2
 65 13.1 12.9 16.5

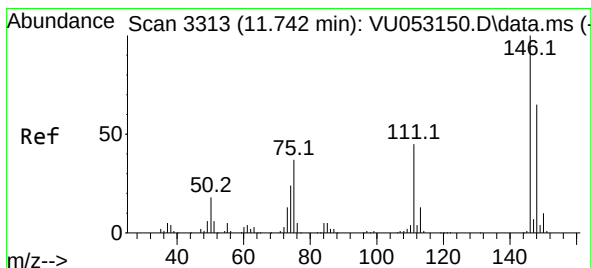
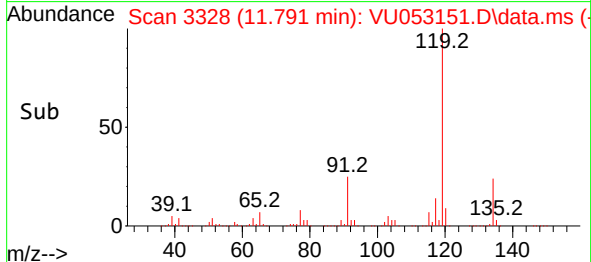
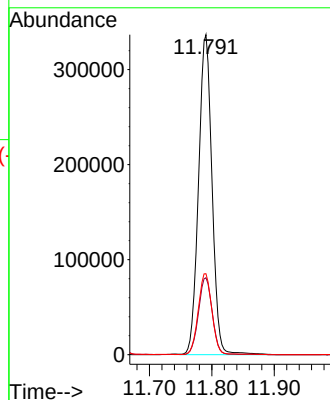
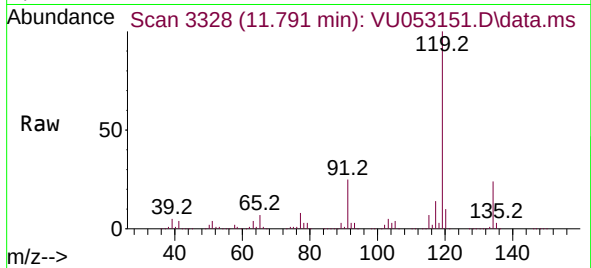




#81
p-Isopropyltoluene
Concen: 16.809 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

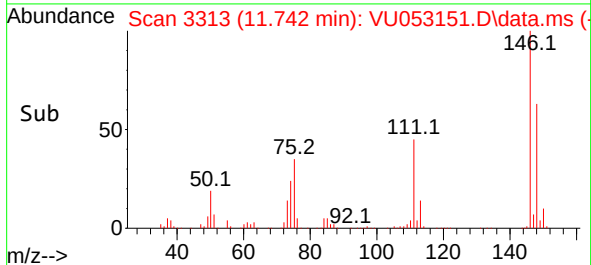
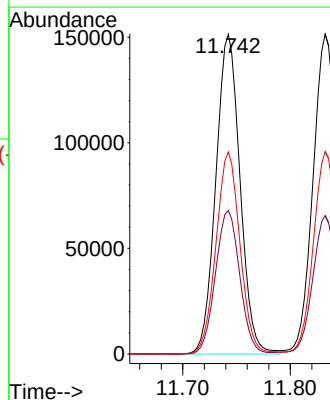
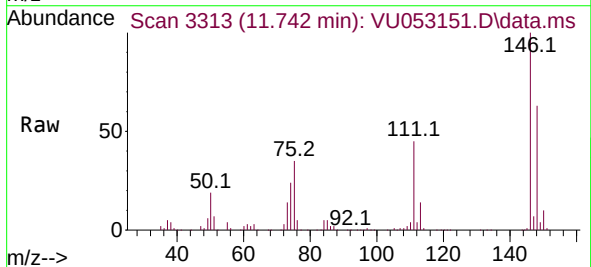
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

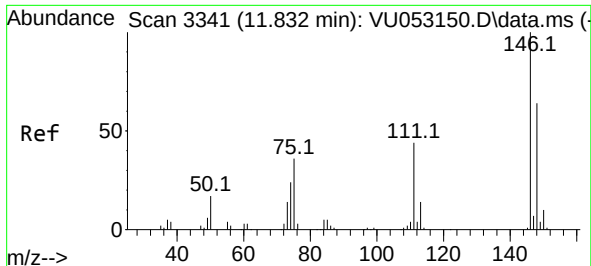
Tgt Ion:119 Resp: 506241
Ion Ratio Lower Upper
119 100
134 24.4 19.8 29.6
91 25.5 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 16.527 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:146 Resp: 236573
Ion Ratio Lower Upper
146 100
111 45.1 36.0 54.0
148 63.0 50.8 76.2

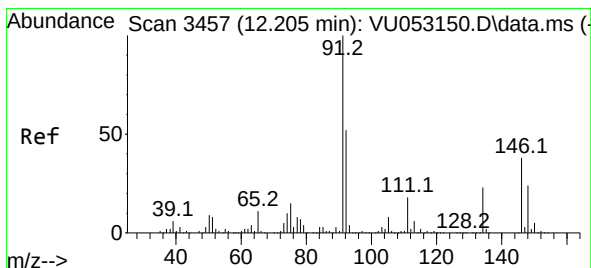
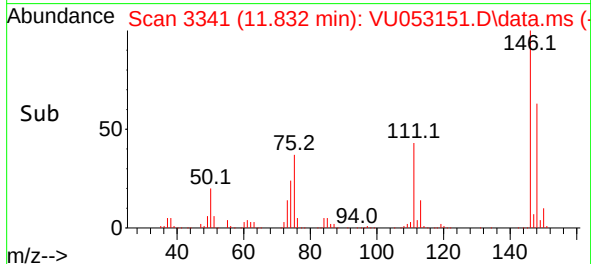
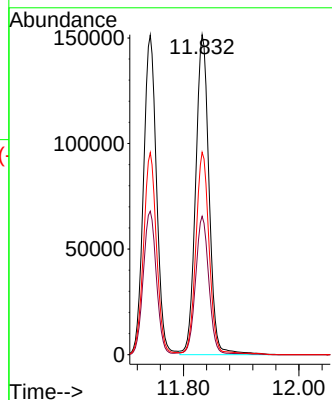
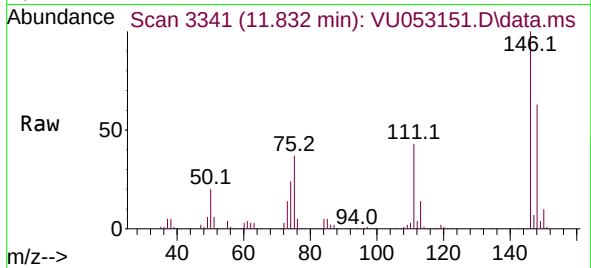




#83
1,4-Dichlorobenzene
Concen: 16.740 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

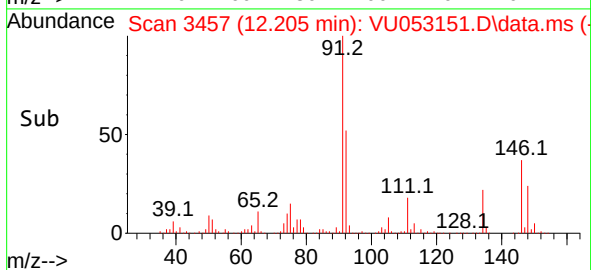
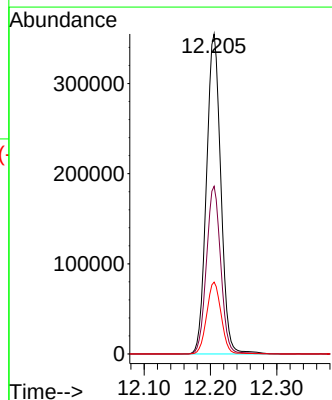
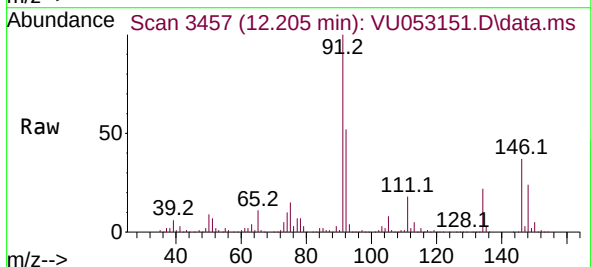
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

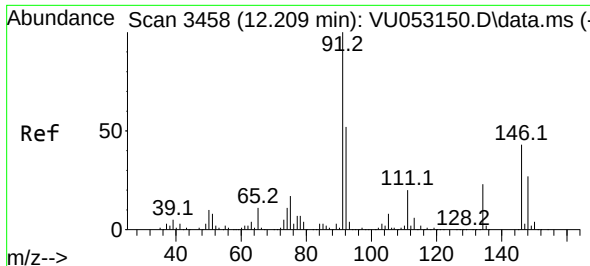
Tgt Ion:146 Resp: 244625
Ion Ratio Lower Upper
146 100
111 42.0 34.0 51.0
148 61.4 49.8 74.6



#84
n-Butylbenzene
Concen: 17.089 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion: 91 Resp: 533235
Ion Ratio Lower Upper
91 100
92 52.3 41.8 62.6
134 22.6 17.9 26.9

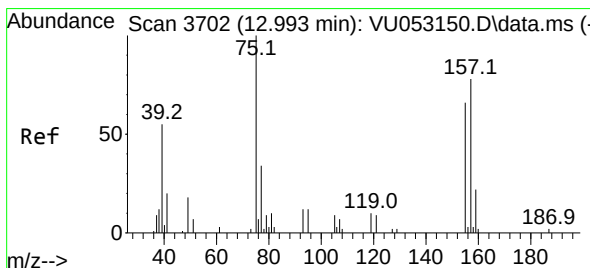
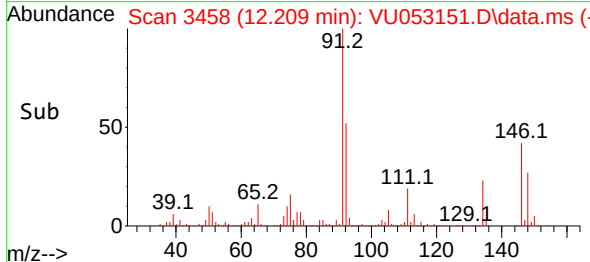
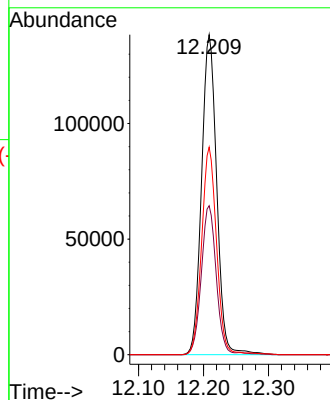
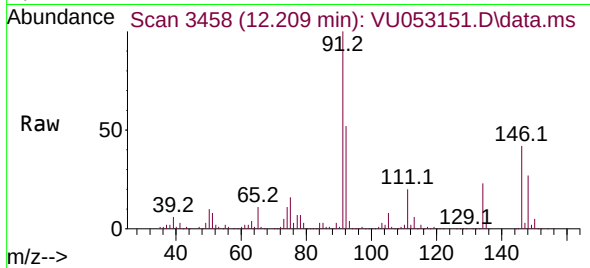




#85
 1,2-Dichlorobenzene
 Concen: 16.471 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

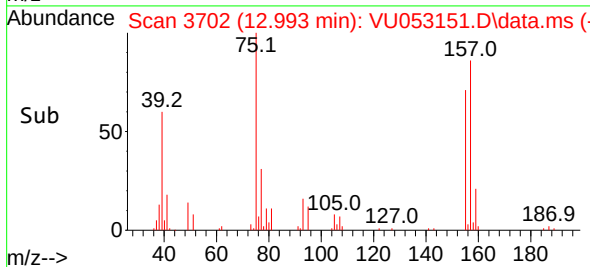
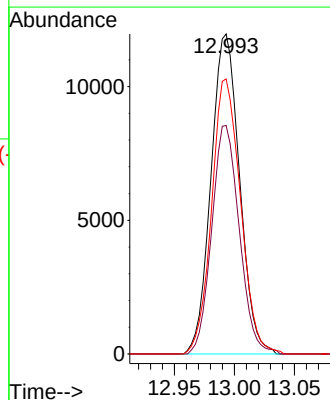
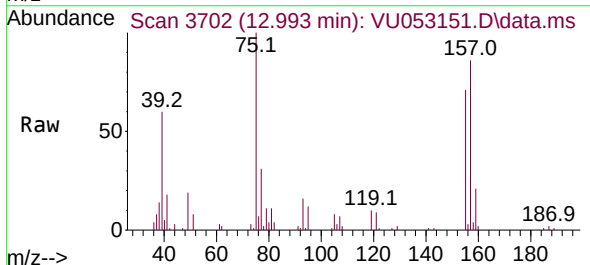
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

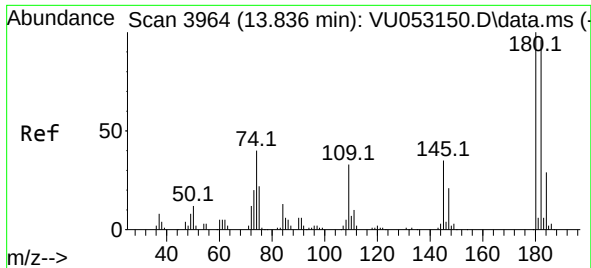
Tgt Ion:146 Resp: 224794
 Ion Ratio Lower Upper
 146 100
 111 45.6 23.2 69.6
 148 63.5 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 15.220 ug/l
 RT: 12.993 min Scan# 3702
 Delta R.T. -0.000 min
 Lab File: VU053151.D
 Acq: 27 Feb 2023 12:42

Tgt Ion: 75 Resp: 19845
 Ion Ratio Lower Upper
 75 100
 155 68.9 53.4 80.0
 157 86.8 61.7 92.5

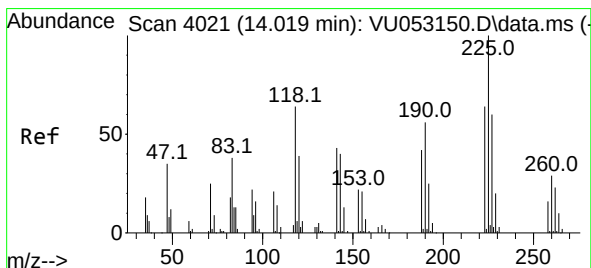
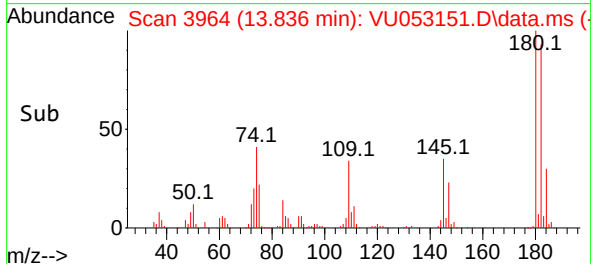
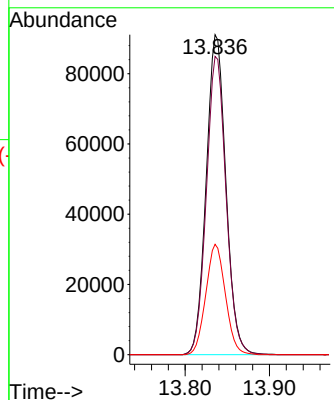
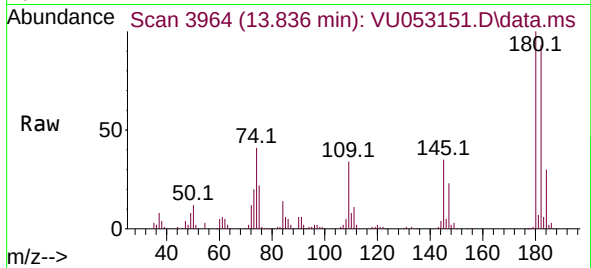




#87
1,2,4-Trichlorobenzene
Concen: 17.695 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

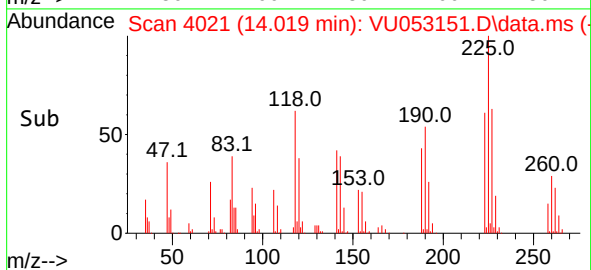
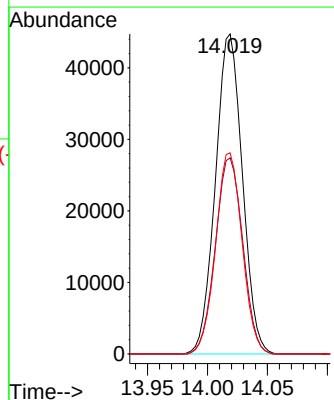
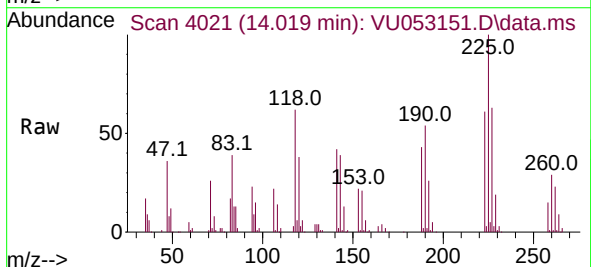
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

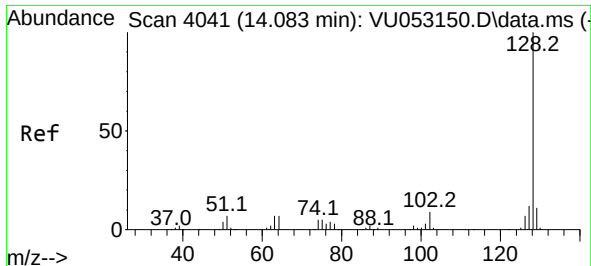
Tgt Ion:180 Resp: 148214
Ion Ratio Lower Upper
180 100
182 93.3 77.4 116.0
145 34.3 28.3 42.5



#88
Hexachlorobutadiene
Concen: 17.099 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:225 Resp: 69952
Ion Ratio Lower Upper
225 100
223 62.3 51.1 76.7
227 61.6 49.9 74.9

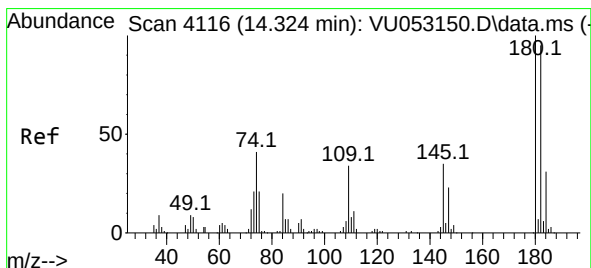
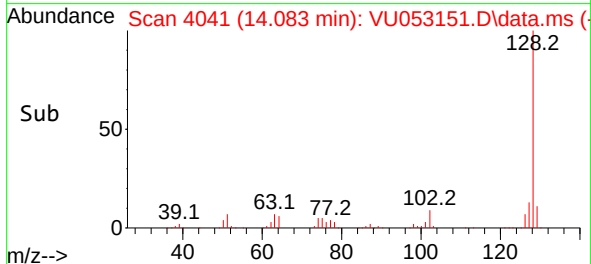
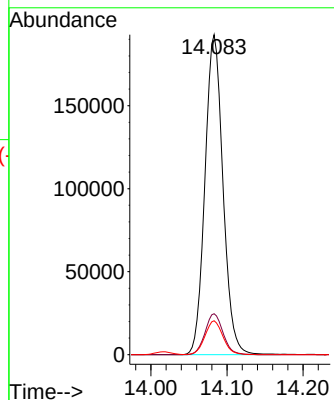
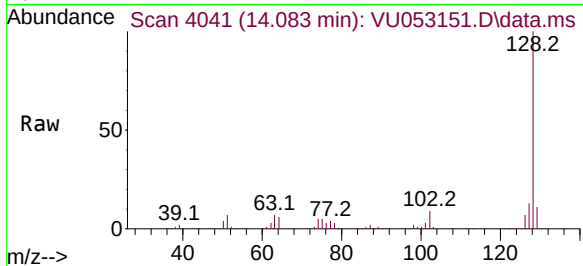




#89
Naphthalene
Concen: 17.762 ug/l
RT: 14.083 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 318150
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 10.6 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 17.501 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053151.D
Acq: 27 Feb 2023 12:42

Tgt Ion:180 Resp: 128984
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 36.5 29.0 43.6

