

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051432.D
 Acq On : 17 Oct 2022 16:34
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Oct 18 04:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	61329	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	23546	1.160	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	25109	1.112	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	170300	8.284	ug/l	100
3) Chloromethane	1.543	50	302920	10.851	ug/l	100
4) Vinyl Chloride	1.604	62	282228	10.779	ug/l	100
5) Bromomethane	1.851	94	154309	9.343	ug/l	100
6) Chloroethane	1.932	64	160435	9.878	ug/l	100
7) Trichlorofluoromethane	2.137	101	329059	11.030	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	179449	10.572	ug/l	100
9) 1,1-Dichloroethene	2.581	96	181856	10.207	ug/l	100
10) Iodomethane	2.719	142	243700	9.627	ug/l	100
11) Allyl Chloride	2.922	41	276887	9.983	ug/l	100
12) Acrylonitrile	3.314	53	101466	18.106	ug/l	95
13) Acetone	2.626	43	188394	50.284	ug/l	100
14) Carbon Disulfide	2.790	76	648741	9.643	ug/l	100
15) Methylene Chloride	3.041	84	228786	7.459	ug/l	100
16) trans-1,2-Dichloroethene	3.346	96	203673	10.082	ug/l	100
17) 1,1-Dichloroethane	3.864	63	373243	10.551	ug/l	100
18) 2-Butanone	4.713	43	266782	54.526	ug/l	100
19) Cyclohexane	5.385	56	252739	10.723	ug/l	90
20) Methylcyclohexane	6.761	83	297285	12.531	ug/l	100
21) 2,2-Dichloropropane	4.662	77	261189	10.837	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	212109	10.925	ug/l	100
23) Diethyl Ether	2.379	59	161360	10.122	ug/l	100
24) tert-Butyl Alcohol	3.192	59	168360	182.741	ug/l	100
25) Methyl tert-Butyl Ether	3.369	73	486789	10.215	ug/l	100
26) Bromochloromethane	4.973	128	98173	10.511	ug/l	100
27) Chloroform	5.089	83	377624	10.505	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	306357	10.752	ug/l	100
29) 1,1-Dichloropropene	5.523	75	266985	11.781	ug/l	100
30) Carbon Tetrachloride	5.520	117	261211	10.792	ug/l	100
31) Isopropyl Ether	3.999	45	477069	10.429	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	453581	11.162	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	419791	11.557	ug/l	100
34) Propionitrile	4.780	54	89352	58.257	ug/l	100
35) Benzene	5.771	78	822640	10.930	ug/l	100
36) 1,2-Dichloroethane	5.793	62	243824	10.330	ug/l	100
37) Trichloroethene	6.542	130	193594	10.618	ug/l	100
38) 1,2-Dichloropropane	6.790	63	223386	10.894	ug/l	100
39) Methacrylonitrile	4.977	41	62589	11.547	ug/l	100
40) Methyl acrylate	4.848	55	99266	10.657	ug/l	100
41) Tetrahydrofuran	5.060	42	63446	22.179	ug/l	100
42) 1-Chlorobutane	5.456	56	362598	11.517	ug/l	100
43) Dibromomethane	6.919	93	113005	10.260	ug/l	100
44) Bromodichloromethane	7.105	83	273719	10.611	ug/l	100

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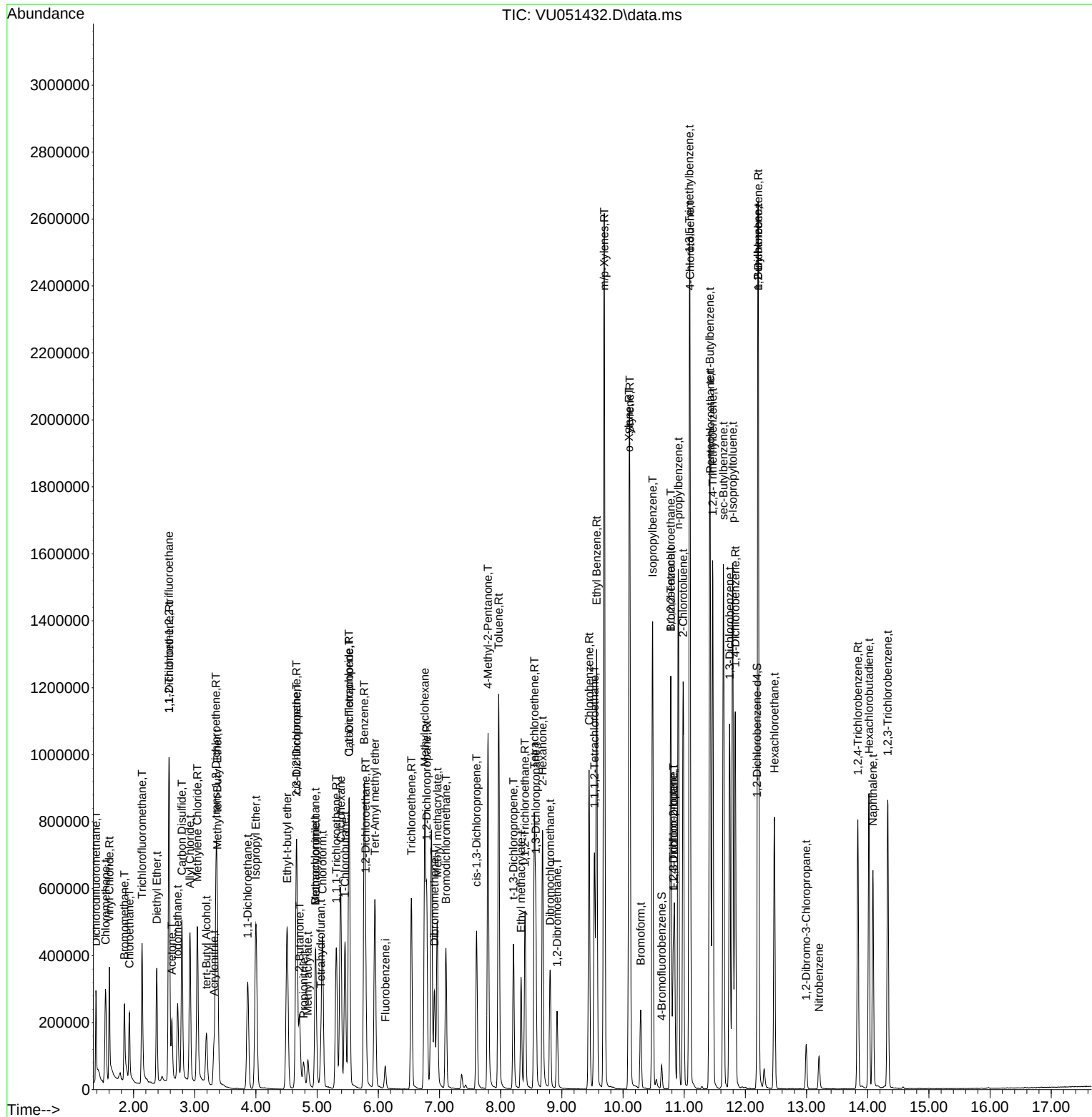
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	650770	55.855	ug/l	100
46) t-1,4-Dichloro-2-butene	10.825	75	286749	69.708	ug/l #	56
47) Methyl methacrylate	6.964	69	213766	24.095	ug/l	100
48) Ethyl methacrylate	8.333	69	183162	12.309	ug/l	100
49) Toluene	7.967	92	498703	12.137	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	241223	11.587	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	278658	11.480	ug/l	100
52) 1,1,2-Trichloroethane	8.398	97	164134	10.241	ug/l	100
53) 1,3-Dichloropropane	8.575	76	280314	10.975	ug/l	100
54) 2-Hexanone	8.684	43	462692	56.107	ug/l	100
55) Dibromochloromethane	8.809	129	181670	10.403	ug/l	100
56) 1,2-Dibromoethane	8.922	107	150061	10.508	ug/l	100
58) Tetrachloroethene	8.552	164	170439	9.475	ug/l	100
59) Chlorobenzene	9.446	112	519978	11.477	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	183803	10.415	ug/l	100
61) Pentachloroethane	11.427	117	167175	12.962	ug/l	100
62) Hexachloroethane	12.475	117	161227	11.320	ug/l	100
63) Ethyl Benzene	9.568	91	893780	12.844	ug/l	100
64) m/p-Xylenes	9.693	106	749811	27.236	ug/l	100
65) o-Xylene	10.099	106	346910	12.942	ug/l	100
66) Styrene	10.111	104	599491	13.563	ug/l	100
67) Bromoform	10.288	173	105080	10.442	ug/l	100
69) Isopropylbenzene	10.484	105	868240	13.066	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	228158	11.000	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	286749	17.384	ug/l	72
72) Bromobenzene	10.780	156	212484	11.793	ug/l	100
73) n-propylbenzene	10.906	120	255892	14.161	ug/l	100
74) 2-Chlorotoluene	10.983	126	222791	12.676	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	823431	13.928	ug/l	100
76) 4-Chlorotoluene	11.095	126	231011	13.253	ug/l	100
77) tert-Butylbenzene	11.420	119	738994	13.385	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	860693	14.113	ug/l	100
79) sec-Butylbenzene	11.642	105	1032805	13.621	ug/l	100
80) Nitrobenzene	13.205	77	58130	50.683	ug/l	100
81) p-Isopropyltoluene	11.793	119	867317	14.464	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	449519	11.776	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	459676	12.190	ug/l	100
84) n-Butylbenzene	12.208	91	827332	14.675	ug/l	100
85) 1,2-Dichlorobenzene	12.211	146	441546	11.723	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.992	75	36092	10.360	ug/l	100
87) 1,2,4-Trichlorobenzene	13.838	180	241111	11.814	ug/l	100
88) Hexachlorobutadiene	14.021	225	155446	11.820	ug/l	100
89) Naphthalene	14.086	128	520592	13.650	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	259717	11.882	ug/l	100

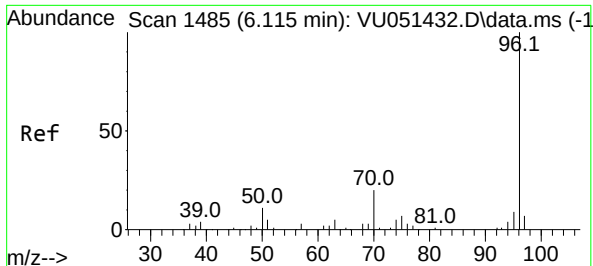
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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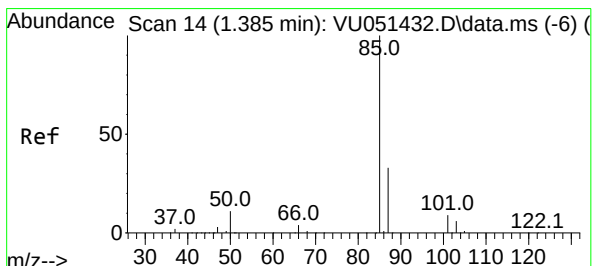
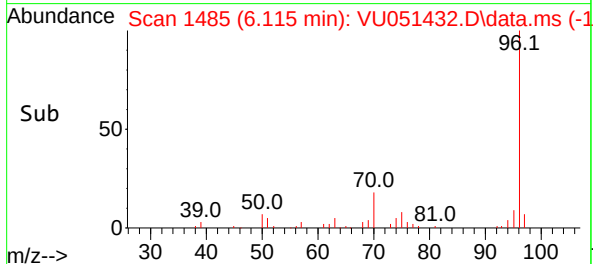
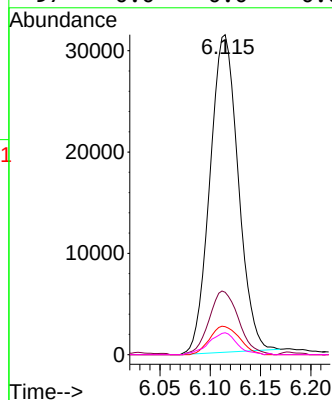
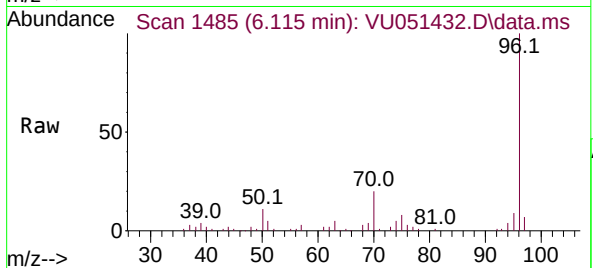




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051432.D
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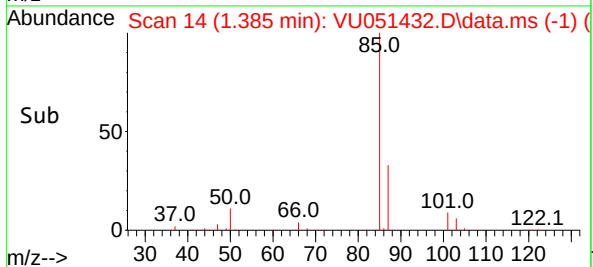
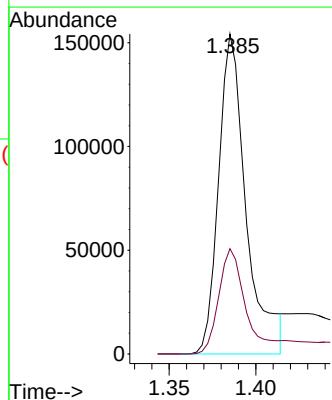
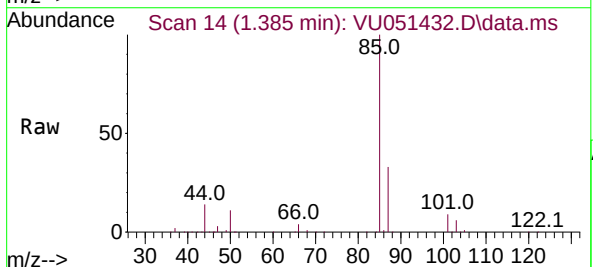
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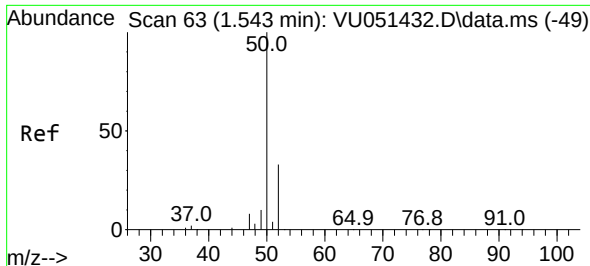
Tgt Ion: 96	Resp: 61329
Ion Ratio	Lower Upper
96 100	
70 20.9	16.7 25.1
95 9.4	7.5 11.3
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.284 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 85	Resp: 170300
Ion Ratio	Lower Upper
85 100	
87 32.9	16.4 49.4

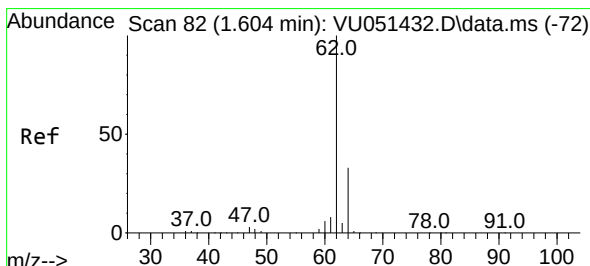
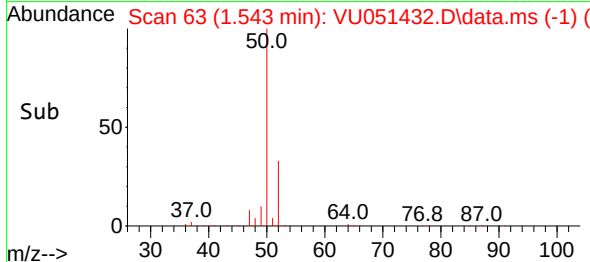
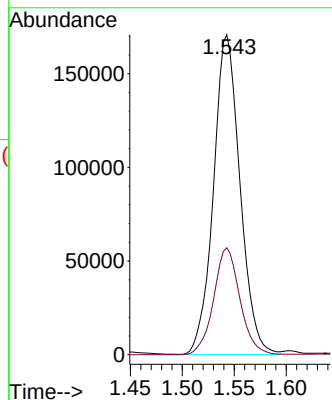
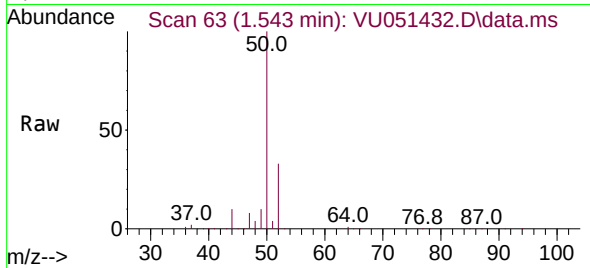




#3
Chloromethane
Concen: 10.851 ug/l
RT: 1.543 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

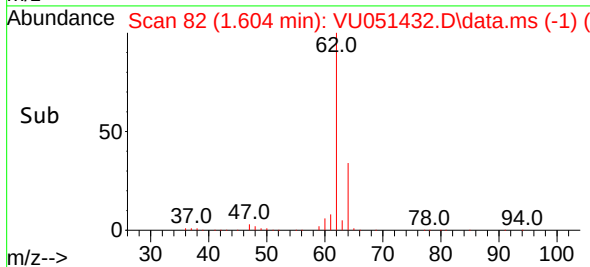
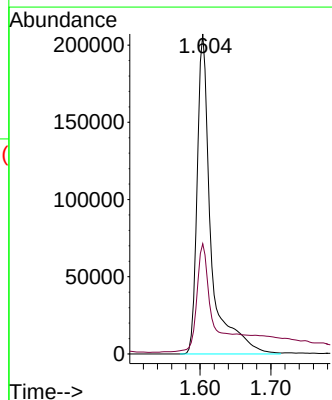
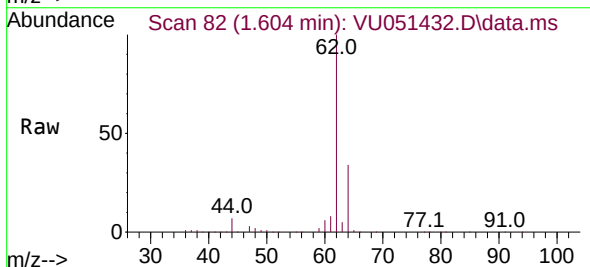
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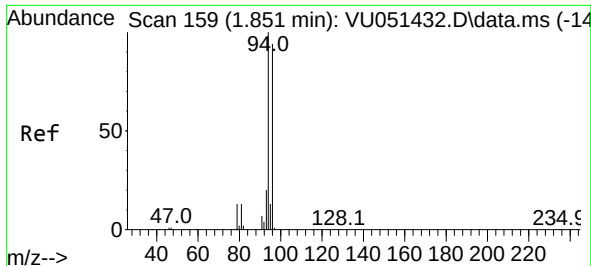
Tgt Ion: 50 Resp: 302920
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 10.779 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 62 Resp: 282228
Ion Ratio Lower Upper
62 100
64 33.4 26.7 40.1

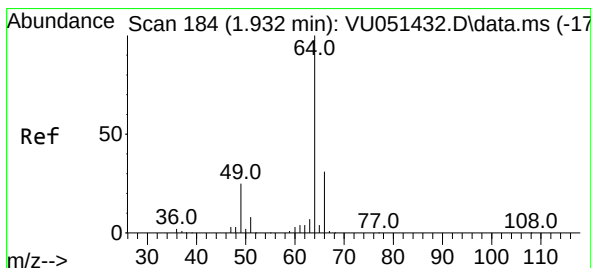
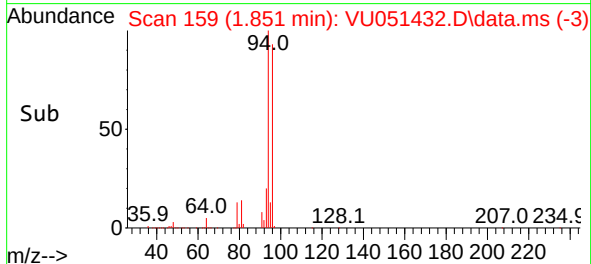
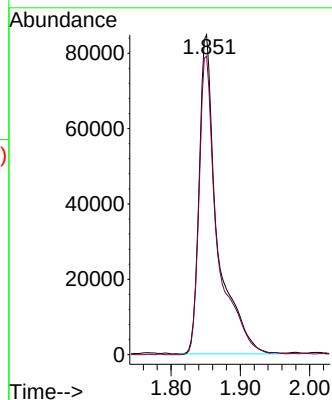
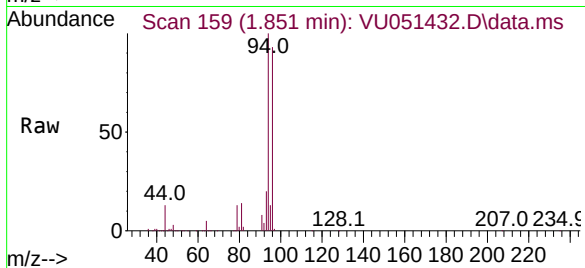




#5
Bromomethane
Concen: 9.343 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU051432.D
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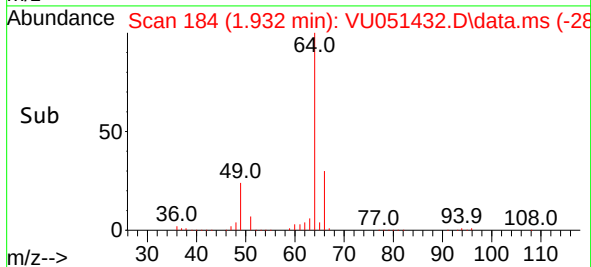
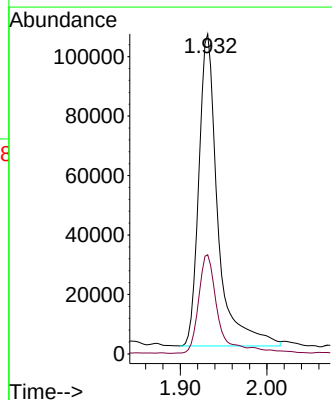
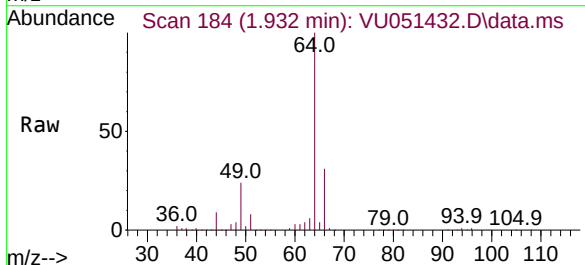
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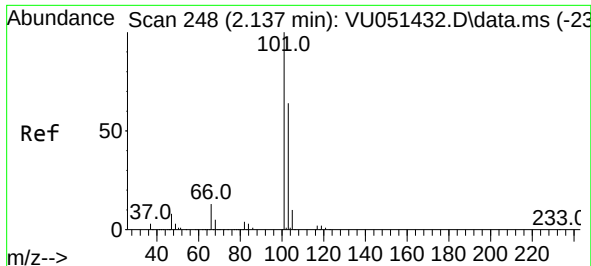
Tgt Ion: 94 Resp: 154309
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 9.878 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 64 Resp: 160435
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8

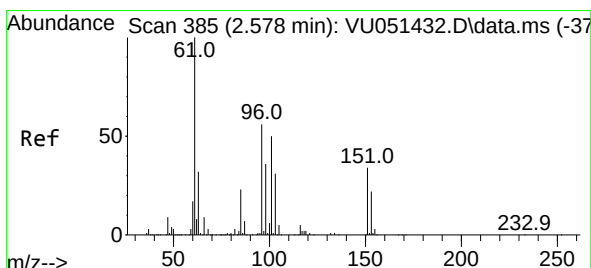
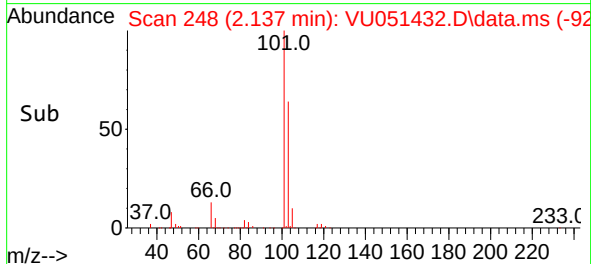
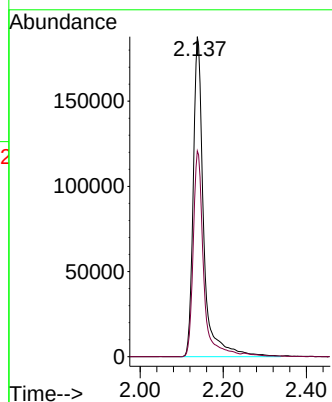
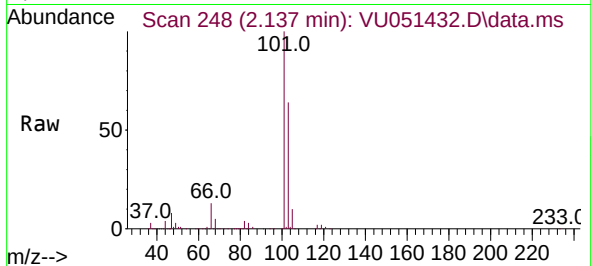




#7
 Trichlorofluoromethane
 Concen: 11.030 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051432.D
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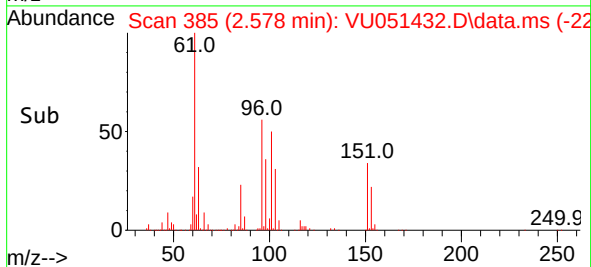
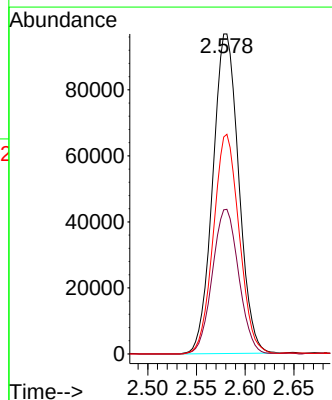
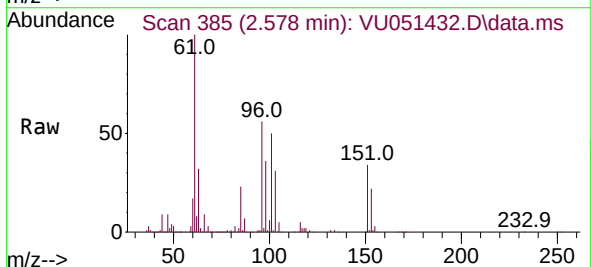
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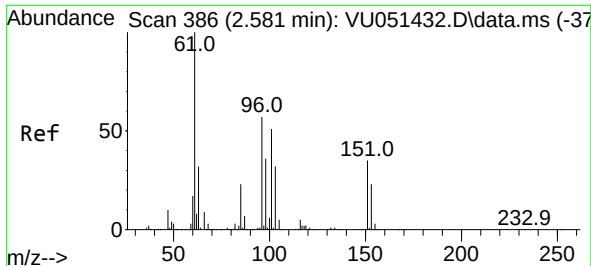
Tgt Ion:101 Resp: 329059
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.572 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

Tgt Ion:101 Resp: 179449
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.6 54.8
 151 68.2 54.6 81.8

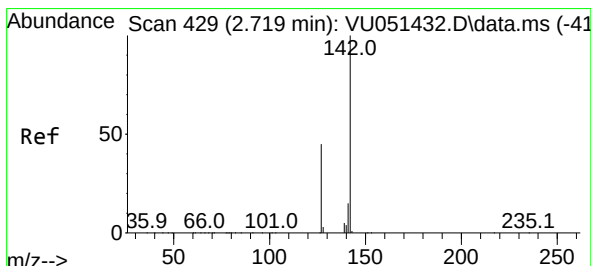
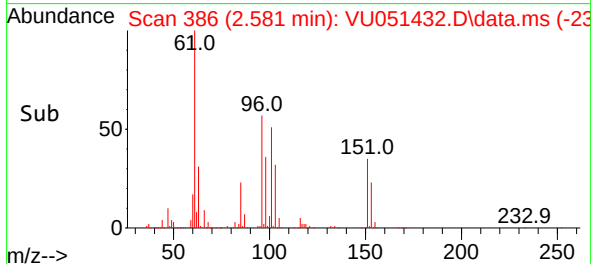
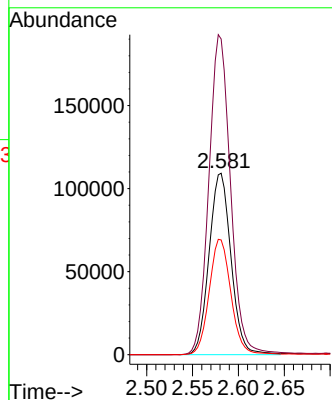
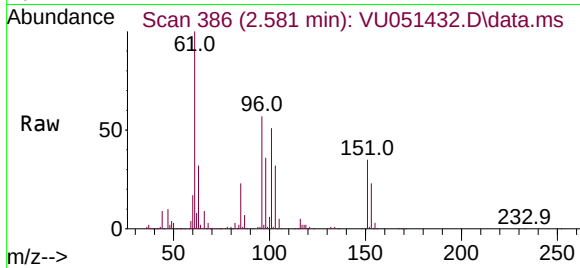




#9
1,1-Dichloroethene
Concen: 10.207 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051432.D
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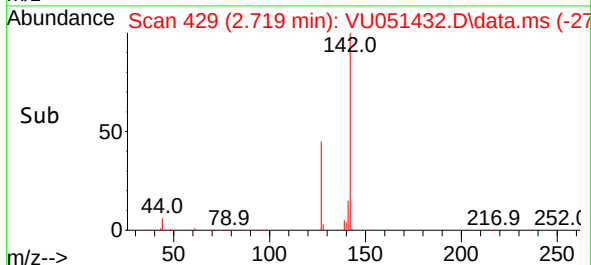
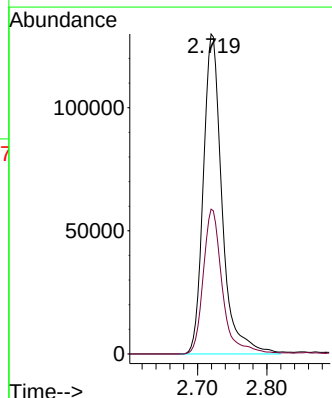
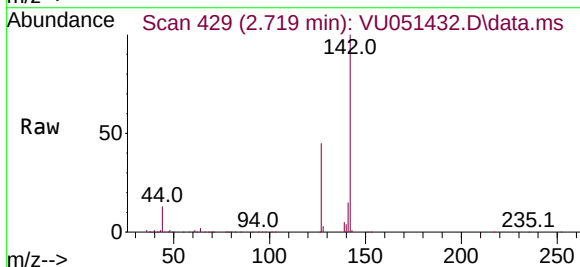
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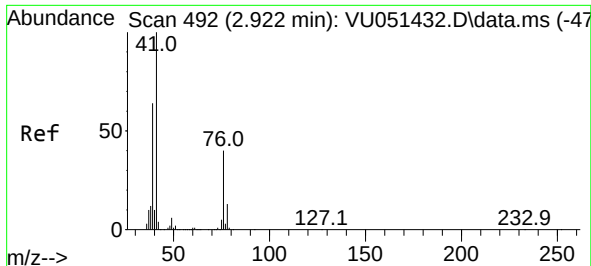
Tgt Ion: 96 Resp: 181856
Ion Ratio Lower Upper
96 100
61 174.1 0.0 522.3
98 63.3 0.0 126.6



#10
Iodomethane
Concen: 9.627 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 142 Resp: 243700
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4

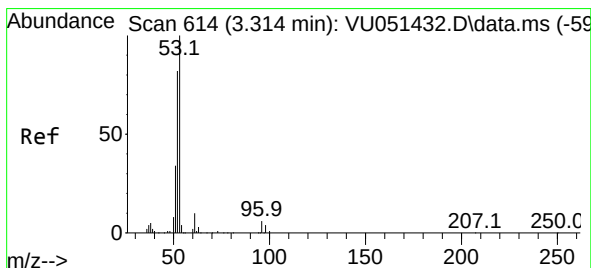
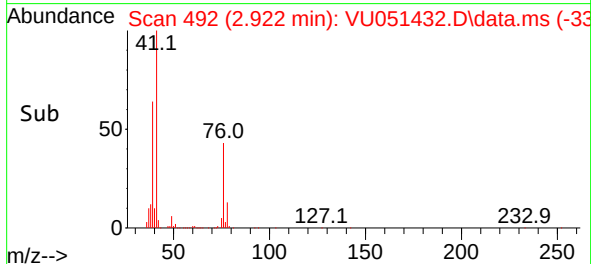
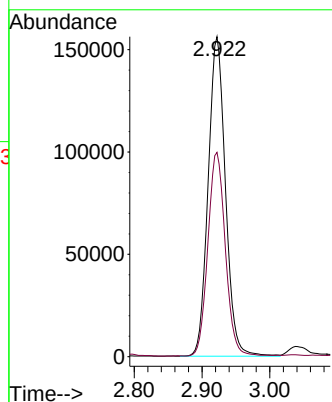
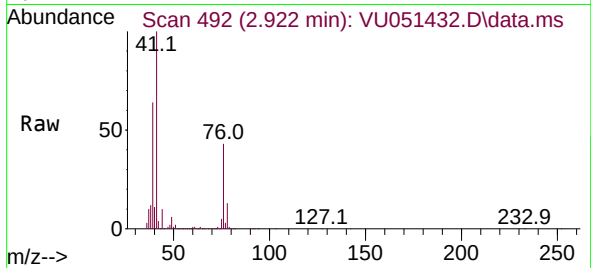




#11
 Allyl Chloride
 Concen: 9.983 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

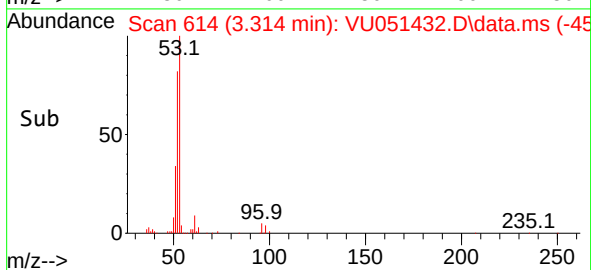
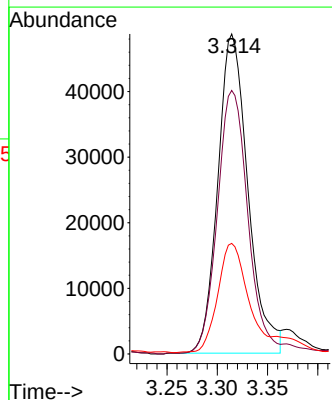
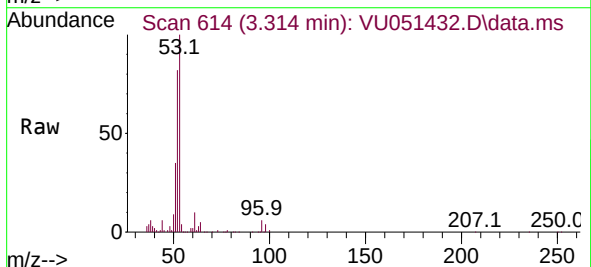
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

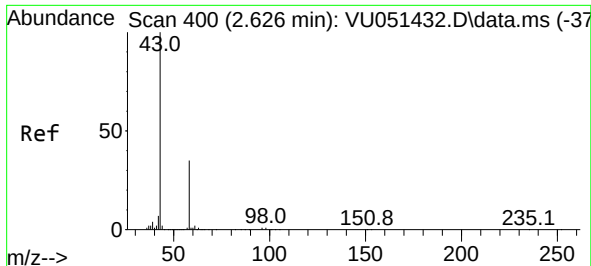
Tgt Ion: 41 Resp: 276887
 Ion Ratio Lower Upper
 41 100
 39 64.2 51.4 77.0



#12
 Acrylonitrile
 Concen: 18.106 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

Tgt Ion: 53 Resp: 101466
 Ion Ratio Lower Upper
 53 100
 52 85.0 63.9 95.9
 51 34.4 25.9 38.9





#13

Acetone

Concen: 50.284 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

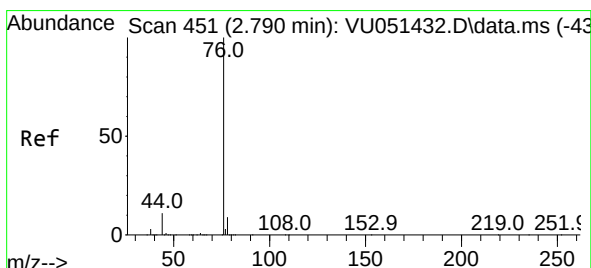
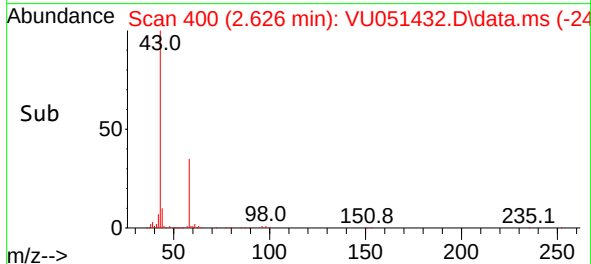
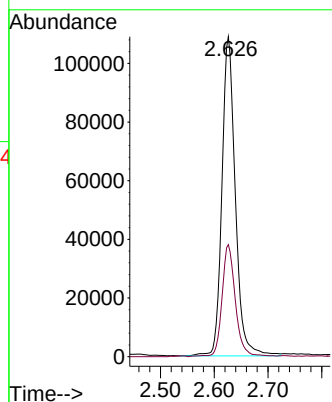
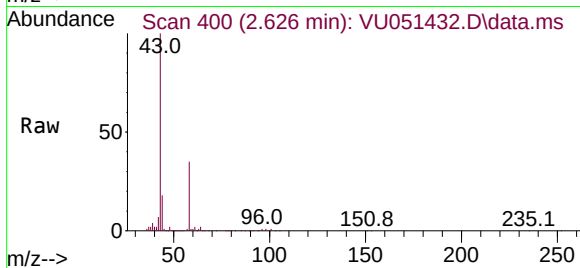
VSTDICCC010

Tgt Ion: 43 Resp: 188394

Ion Ratio Lower Upper

43 100

58 34.9 27.9 41.9



#14

Carbon Disulfide

Concen: 9.643 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051432.D

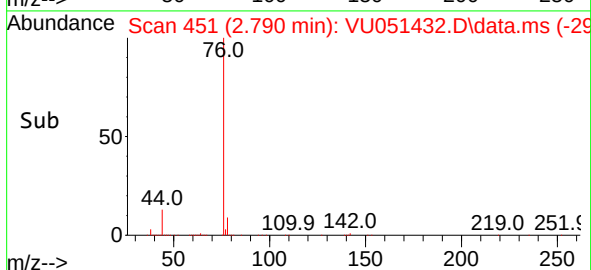
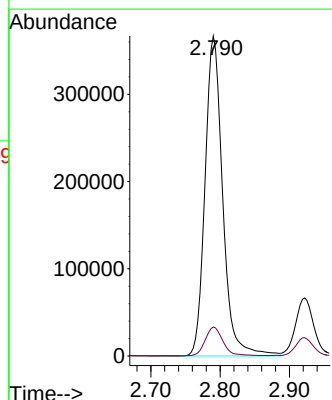
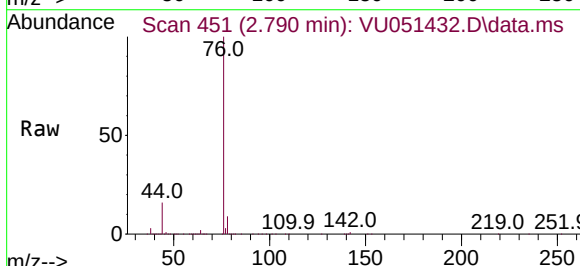
Acq: 17 Oct 2022 16:34

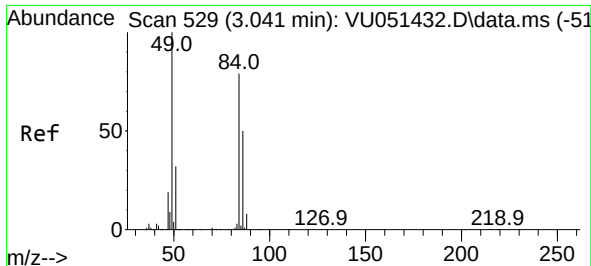
Tgt Ion: 76 Resp: 648741

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

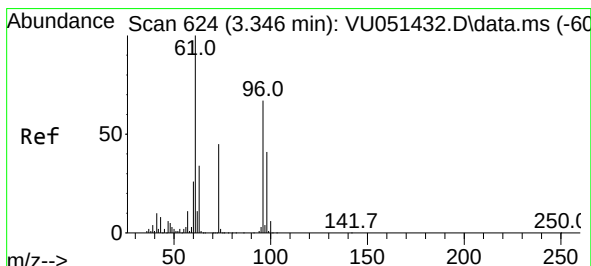
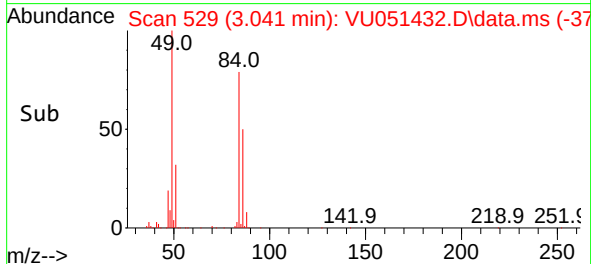
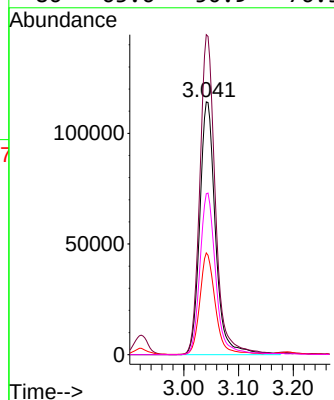
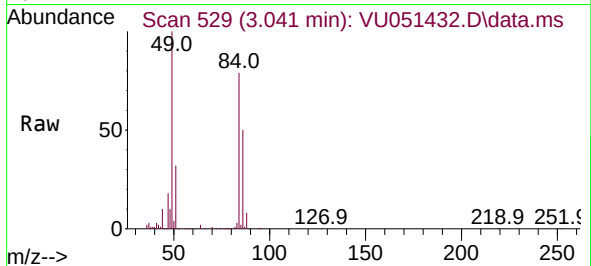




#15
Methylene Chloride
Concen: 7.459 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

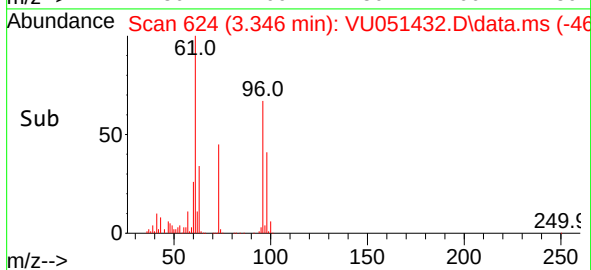
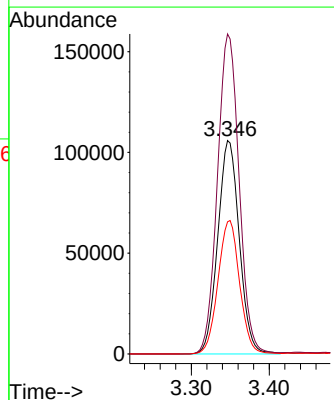
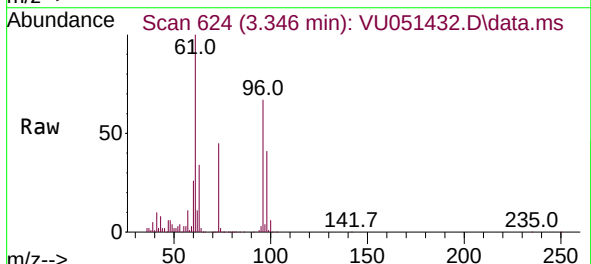
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

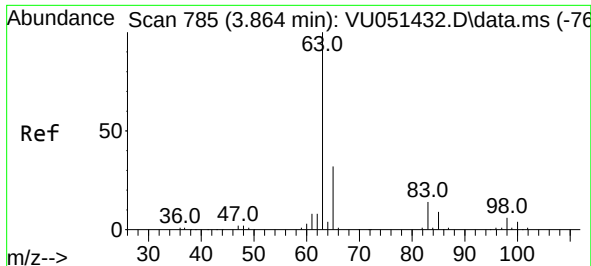
Tgt Ion: 84 Resp: 228786
Ion Ratio Lower Upper
84 100
49 126.4 101.1 151.7
51 40.1 0.0 80.2
86 63.6 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 10.082 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 96 Resp: 203673
Ion Ratio Lower Upper
96 100
61 149.9 119.9 179.9
98 61.9 49.5 74.3

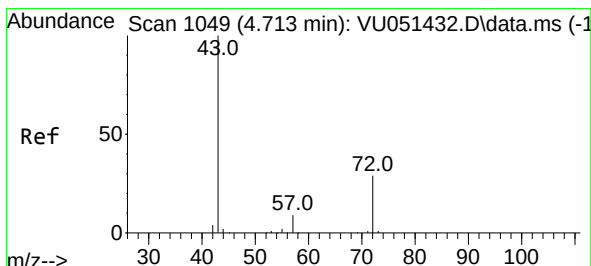
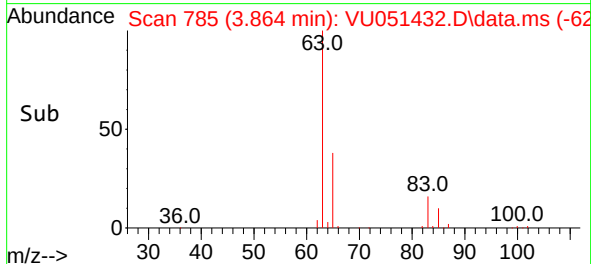
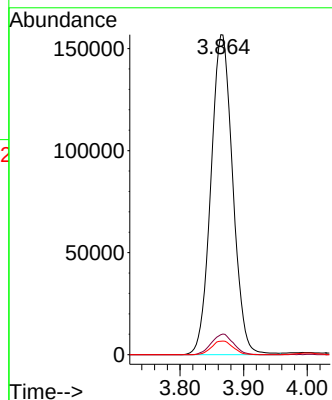
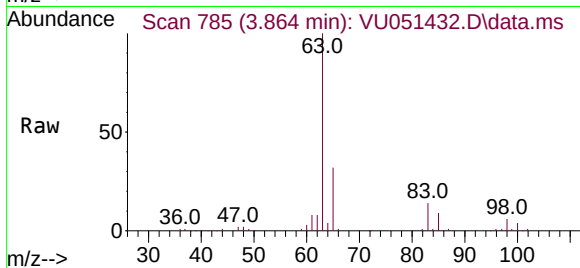




#17
1,1-Dichloroethane
Concen: 10.551 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

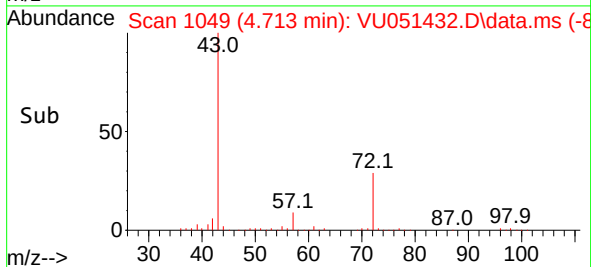
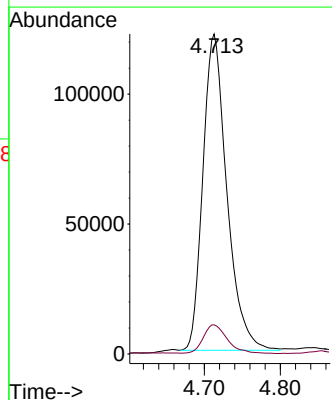
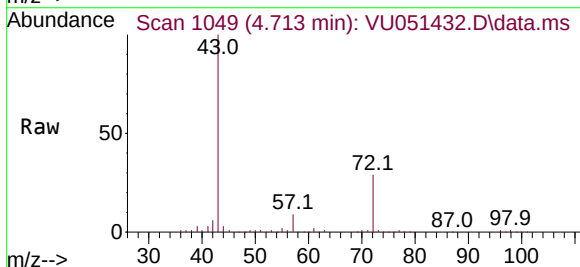
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

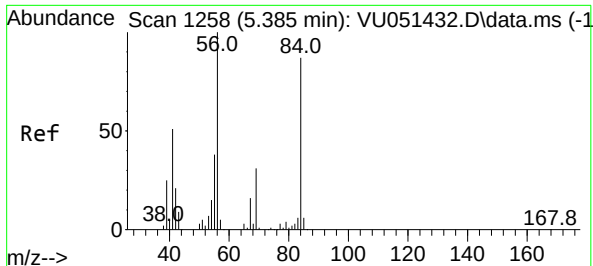
Tgt Ion: 63 Resp: 373243
Ion Ratio Lower Upper
63 100
98 6.2 3.1 9.3
100 4.2 2.1 6.3



#18
2-Butanone
Concen: 54.526 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 43 Resp: 266782
Ion Ratio Lower Upper
43 100
57 9.1 0.0 18.2





#19

Cyclohexane

Concen: 10.723 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

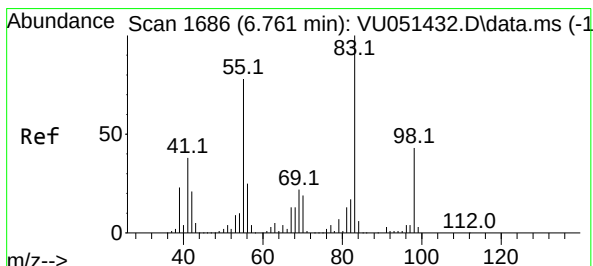
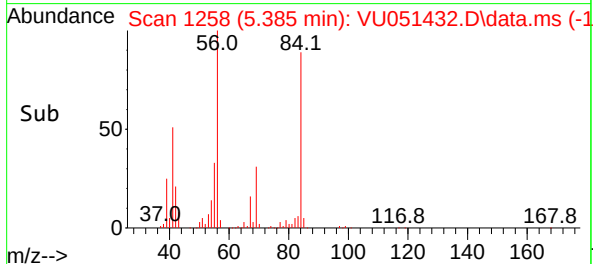
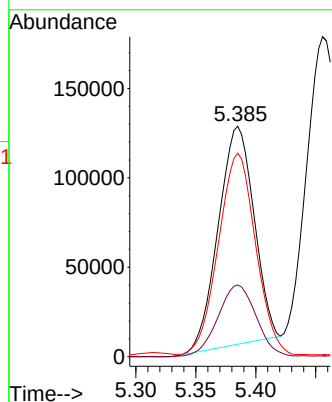
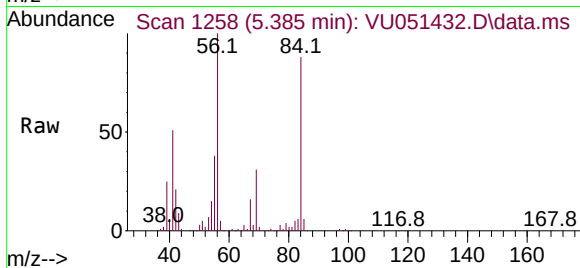
Tgt Ion: 56 Resp: 252739

Ion Ratio Lower Upper

56 100

69 35.0 25.0 37.4

84 96.1 68.5 102.7



#20

Methylcyclohexane

Concen: 12.531 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

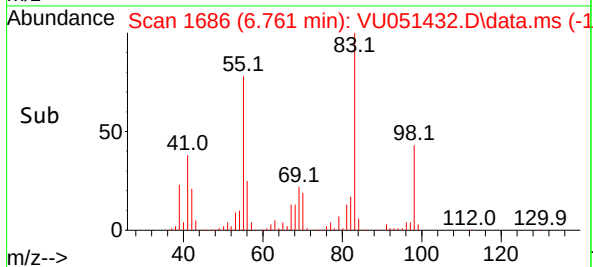
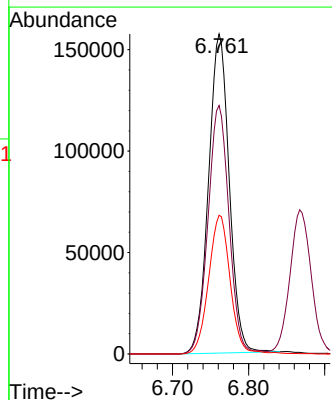
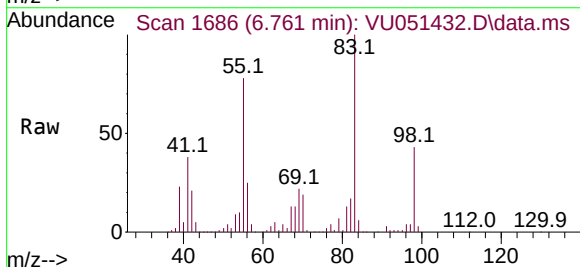
Tgt Ion: 83 Resp: 297285

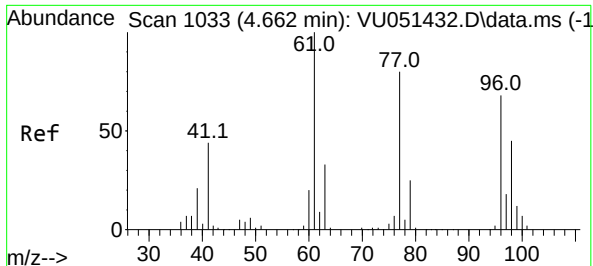
Ion Ratio Lower Upper

83 100

55 78.0 62.4 93.6

98 44.4 35.5 53.3





#21

2,2-Dichloropropane

Concen: 10.837 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

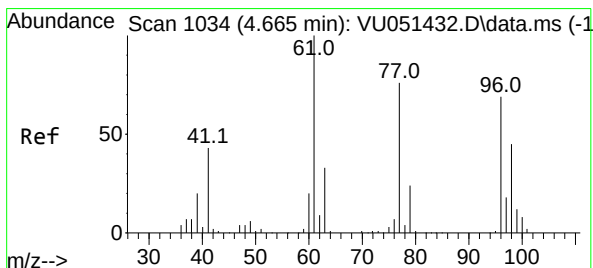
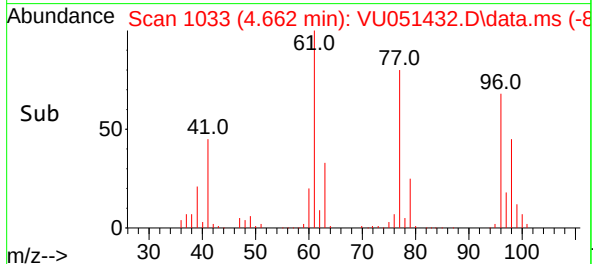
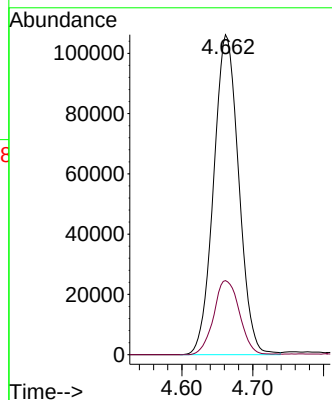
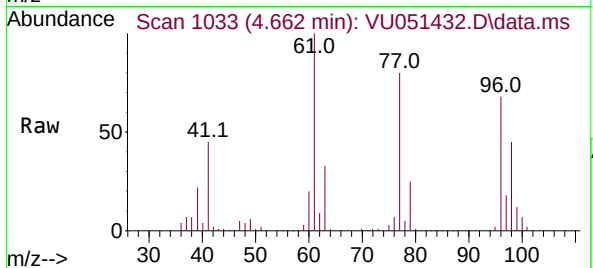
VSTDICCC010

Tgt Ion: 77 Resp: 261189

Ion Ratio Lower Upper

77 100

97 23.8 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 10.925 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

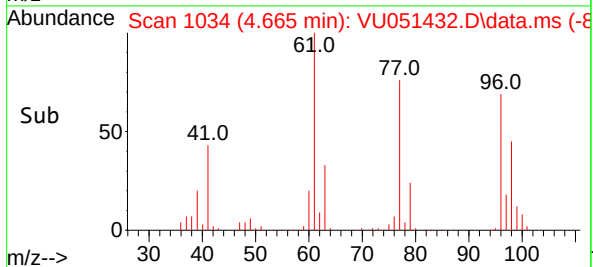
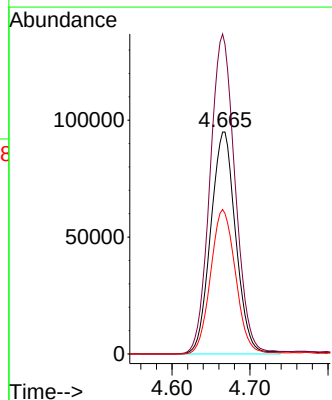
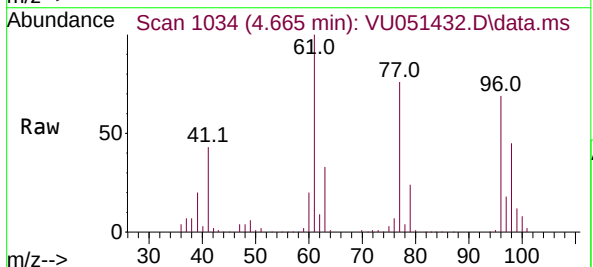
Tgt Ion: 96 Resp: 212109

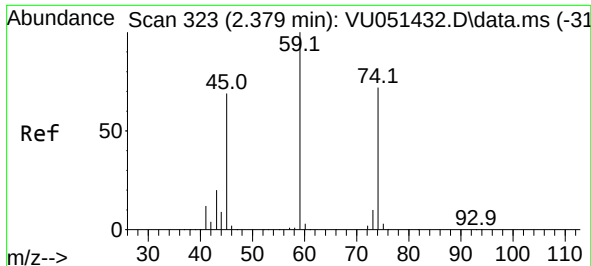
Ion Ratio Lower Upper

96 100

61 145.1 0.0 362.8

98 65.0 32.5 97.5





#23

Diethyl Ether

Concen: 10.122 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

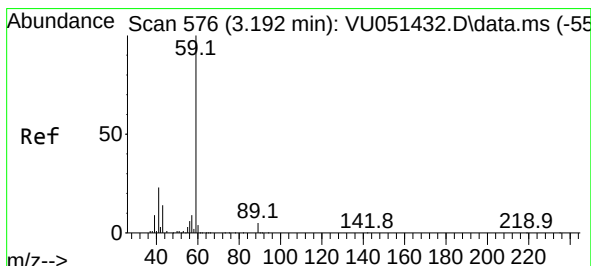
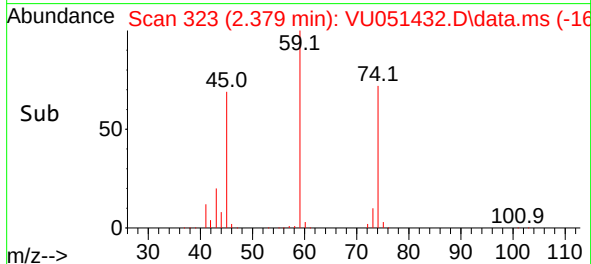
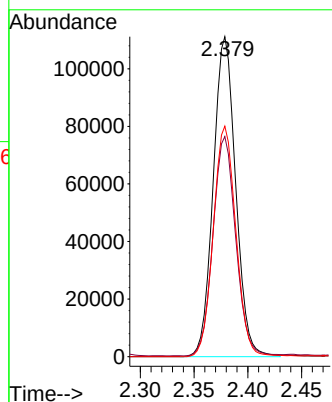
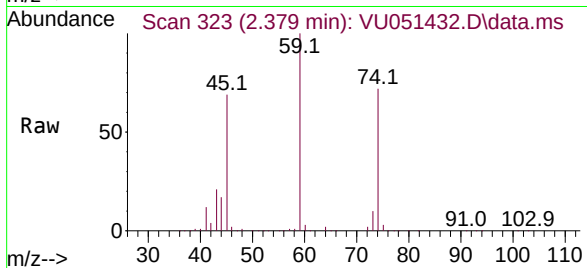
Tgt Ion: 59 Resp: 161360

Ion Ratio Lower Upper

59 100

45 69.6 55.7 83.5

74 72.8 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 182.741 ug/l

RT: 3.192 min Scan# 576

Delta R.T. 0.000 min

Lab File: VU051432.D

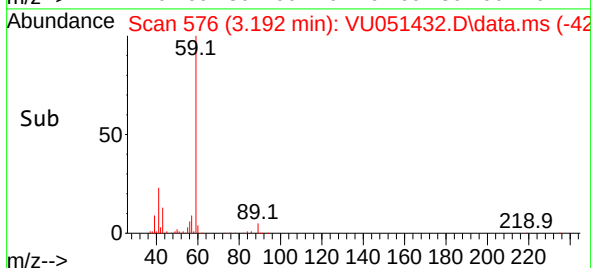
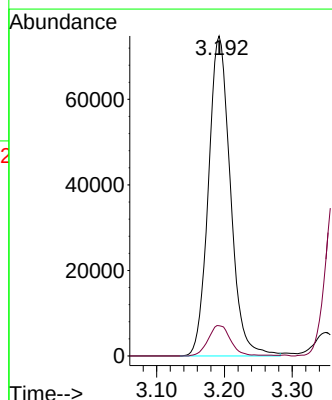
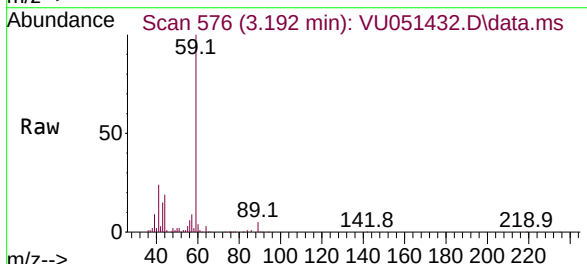
Acq: 17 Oct 2022 16:34

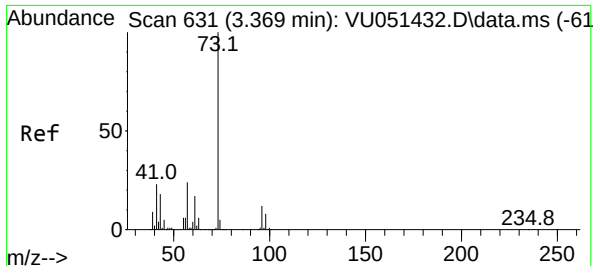
Tgt Ion: 59 Resp: 168360

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8

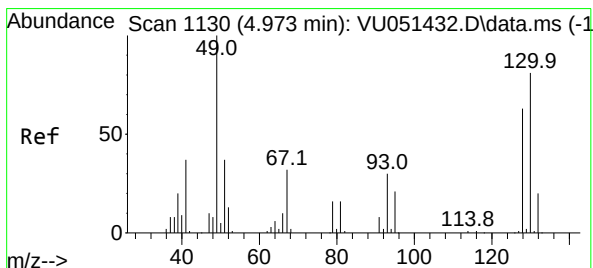
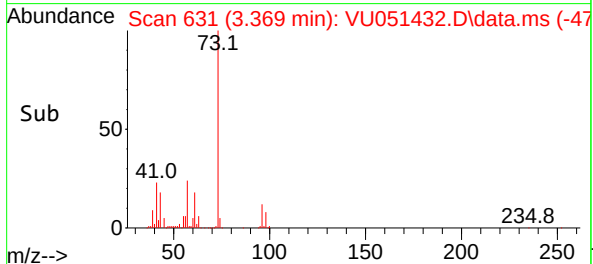
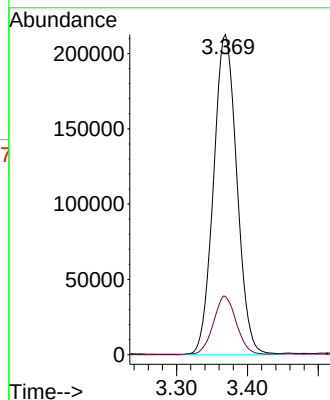
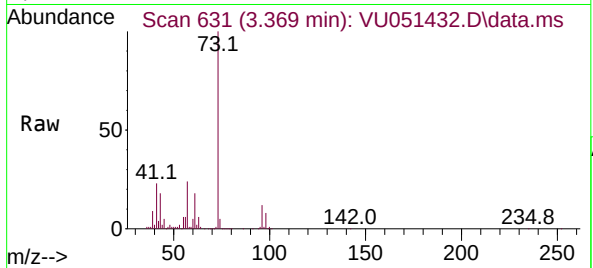




#25
Methyl tert-Butyl Ether
Concen: 10.215 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

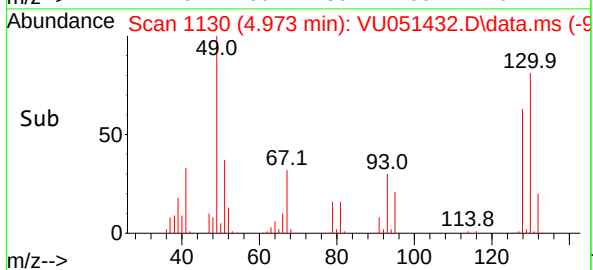
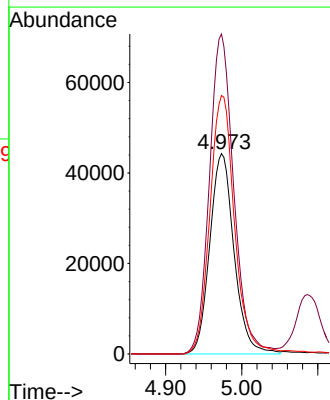
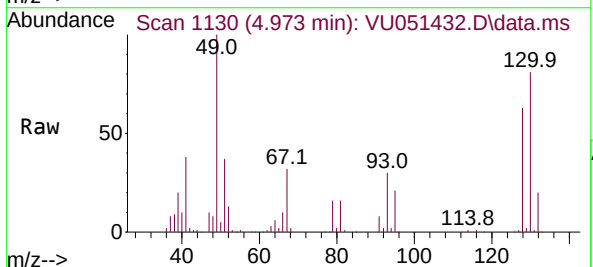
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

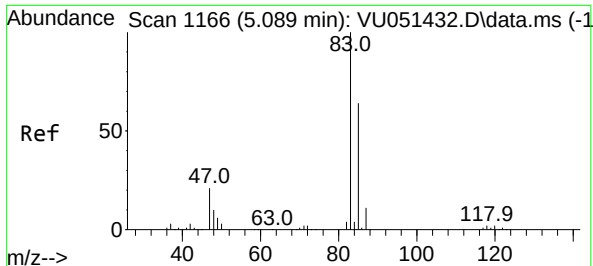
Tgt Ion: 73 Resp: 486789
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4



#26
Bromochloromethane
Concen: 10.511 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 128 Resp: 98173
Ion Ratio Lower Upper
128 100
49 160.2 0.0 320.4
130 131.3 105.0 157.6





#27

Chloroform

Concen: 10.505 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

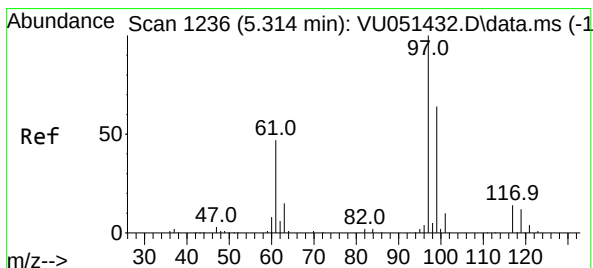
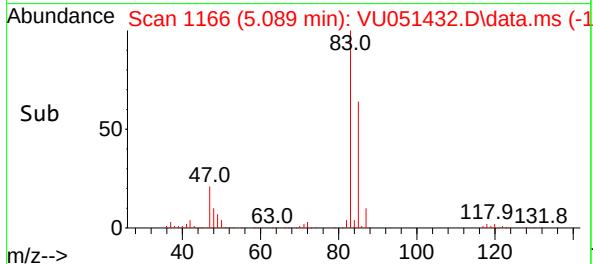
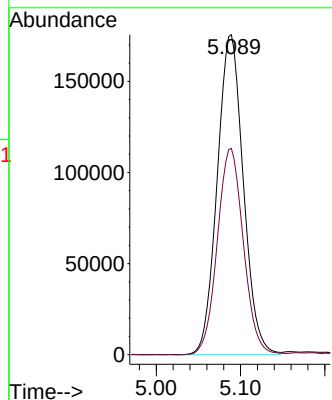
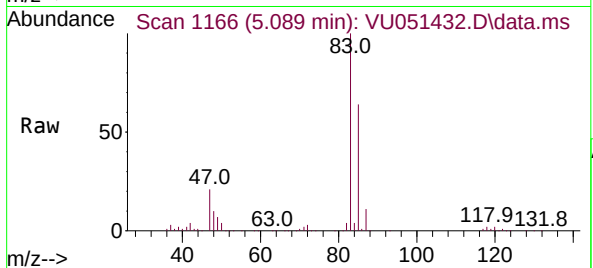
VSTDICCC010

Tgt Ion: 83 Resp: 377624

Ion Ratio Lower Upper

83 100

85 64.4 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 10.752 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

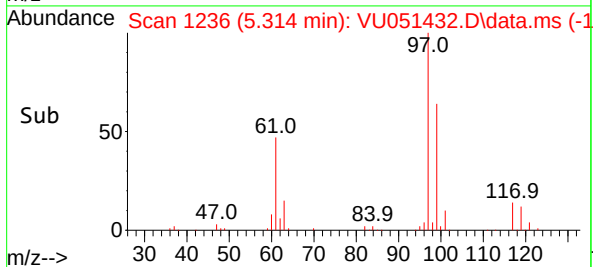
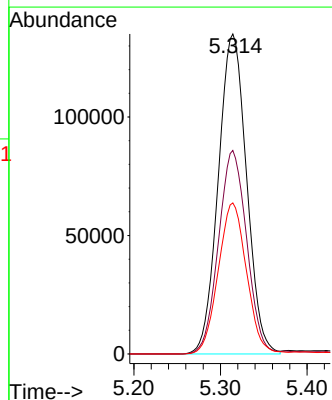
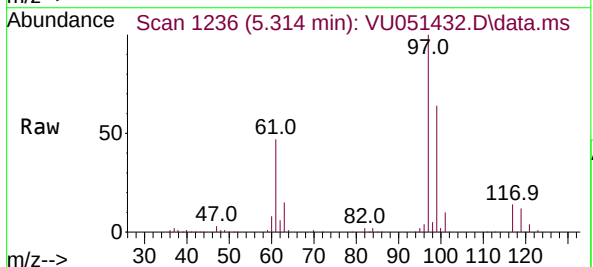
Tgt Ion: 97 Resp: 306357

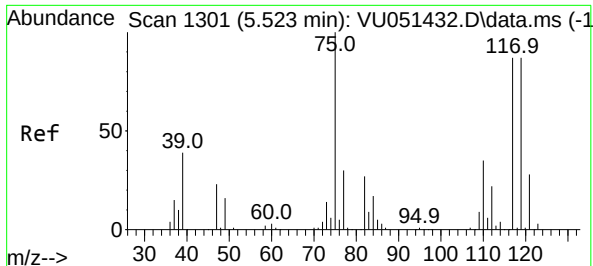
Ion Ratio Lower Upper

97 100

99 63.6 31.8 95.4

61 47.3 23.6 71.0

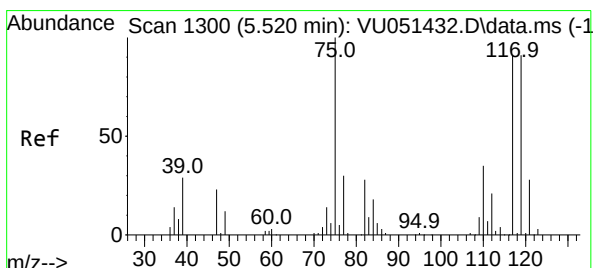
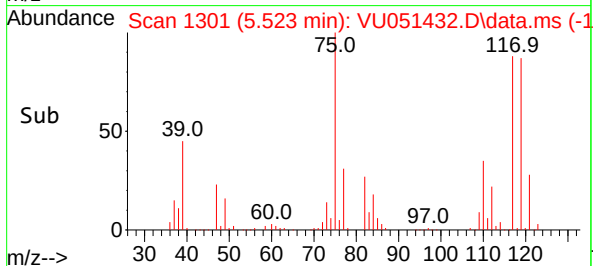
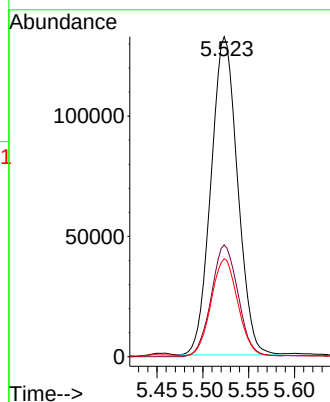
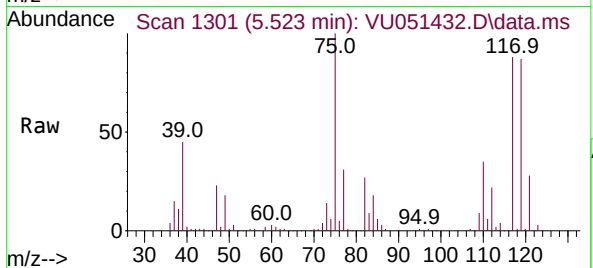




#29
1,1-Dichloropropene
Concen: 11.781 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

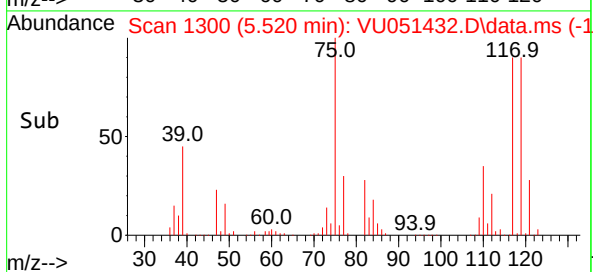
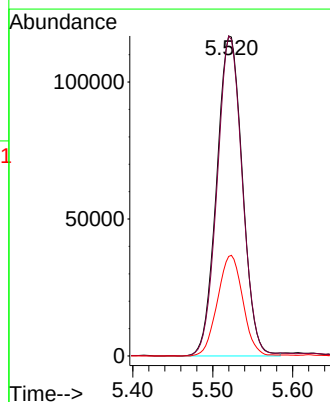
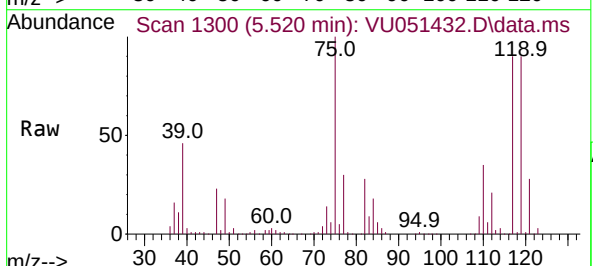
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

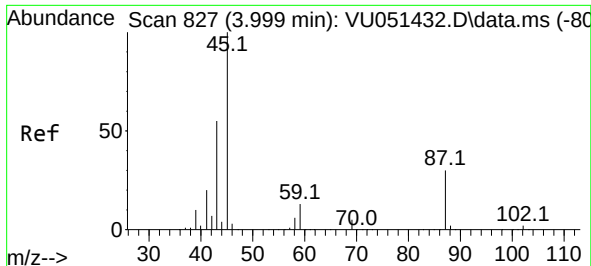
Tgt Ion: 75 Resp: 266985
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.3 24.2 36.4



#30
Carbon Tetrachloride
Concen: 10.792 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 117 Resp: 261211
Ion Ratio Lower Upper
117 100
119 100.0 80.0 120.0
121 31.1 24.9 37.3

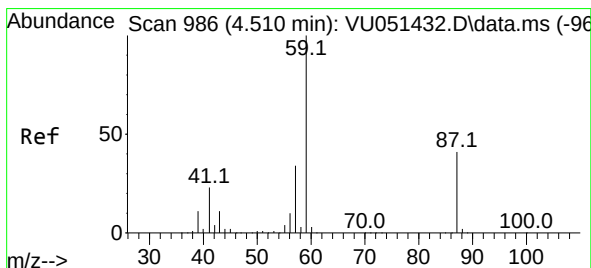
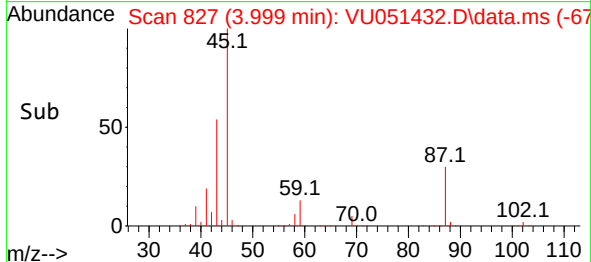
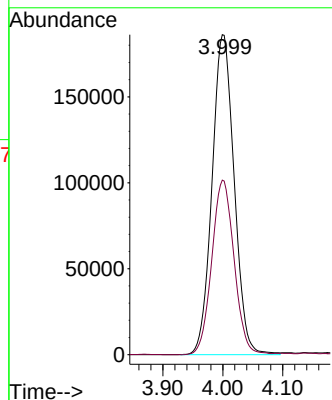
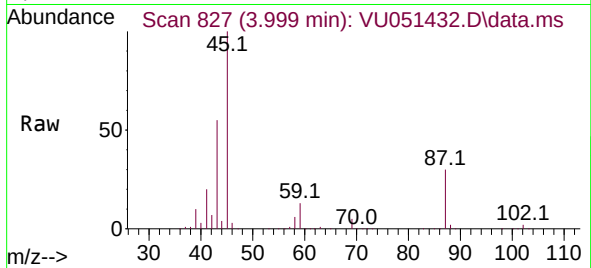




#31
Isopropyl Ether
Concen: 10.429 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

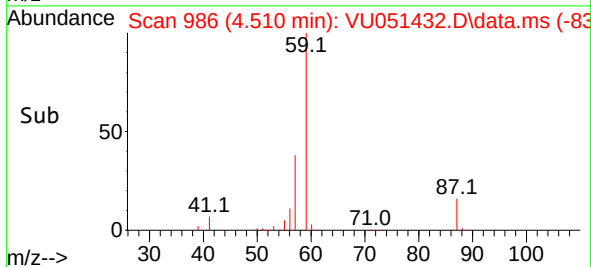
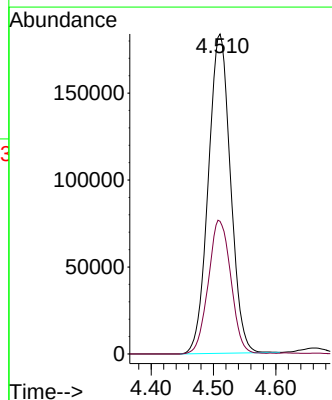
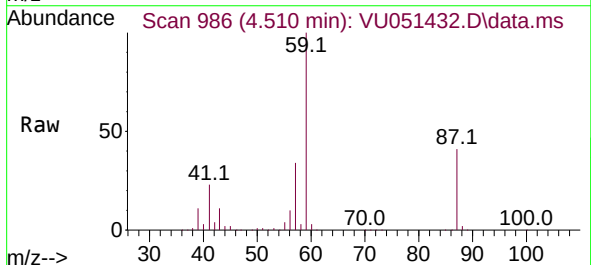
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

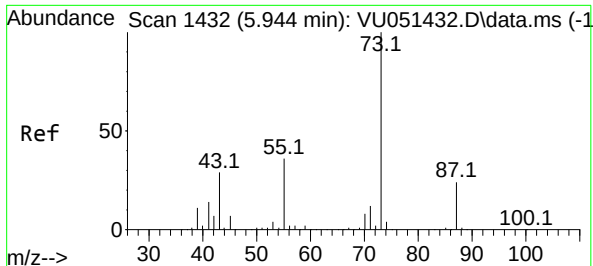
Tgt Ion: 45 Resp: 477069
Ion Ratio Lower Upper
45 100
43 55.1 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 11.162 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 59 Resp: 453581
Ion Ratio Lower Upper
59 100
87 42.3 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 11.557 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

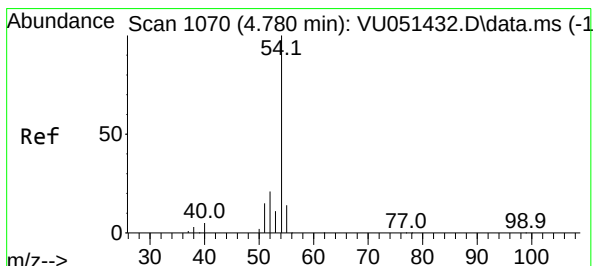
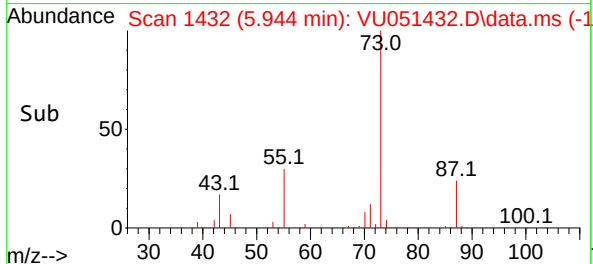
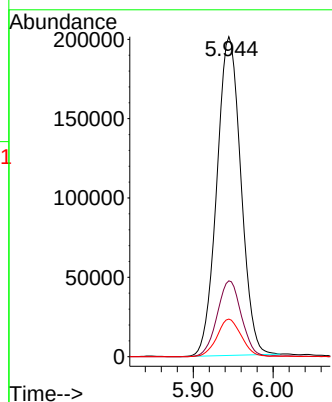
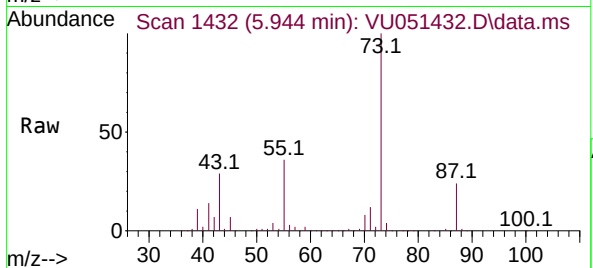
Tgt Ion: 73 Resp: 419791

Ion Ratio Lower Upper

73 100

87 23.6 18.9 28.3

71 11.8 9.4 14.2



#34

Propionitrile

Concen: 58.257 ug/l

RT: 4.780 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Tgt Ion: 54 Resp: 89352

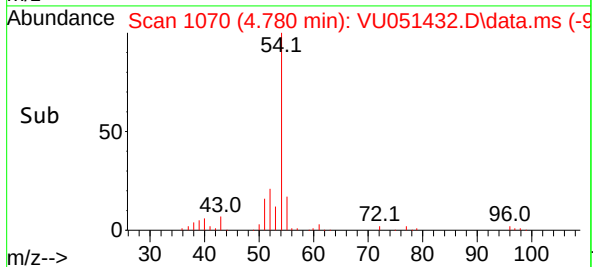
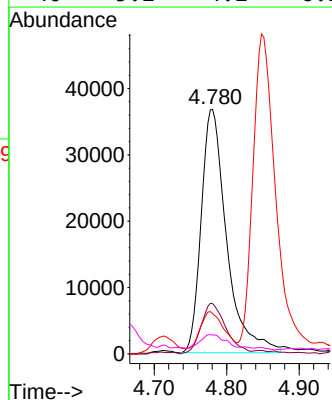
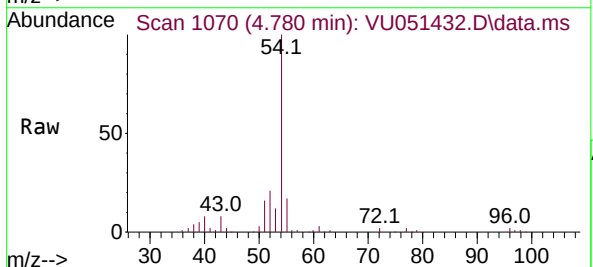
Ion Ratio Lower Upper

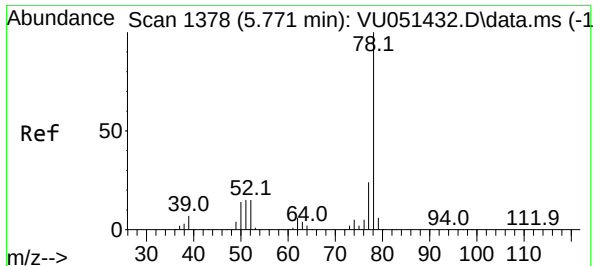
54 100

52 20.5 16.4 24.6

55 14.4 11.5 17.3

40 5.2 4.2 6.2

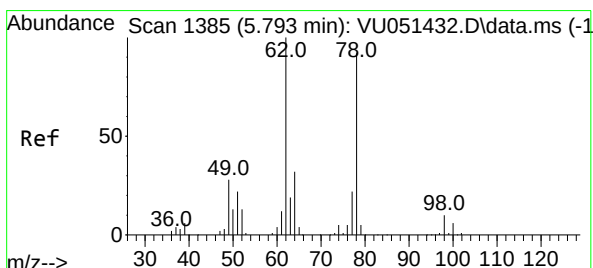
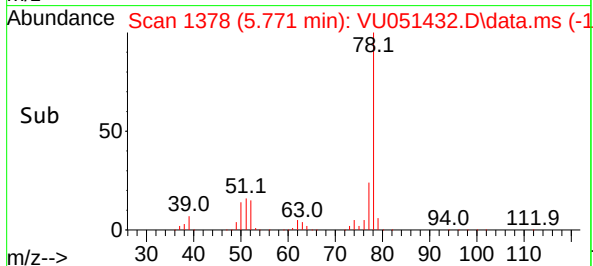
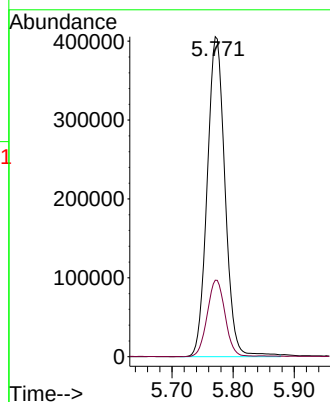
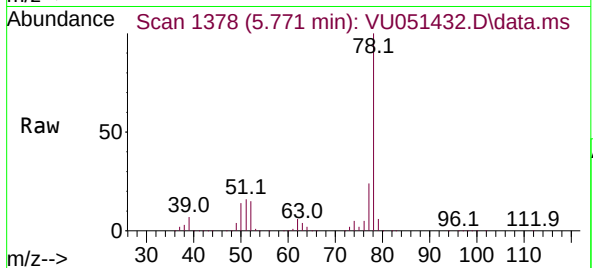




#35
Benzene
Concen: 10.930 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

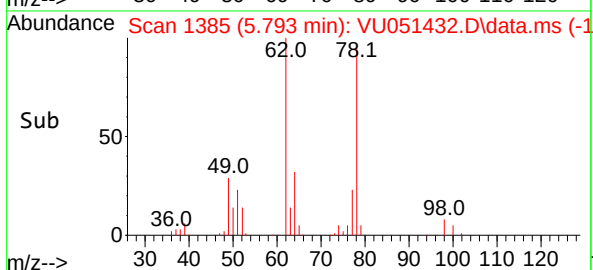
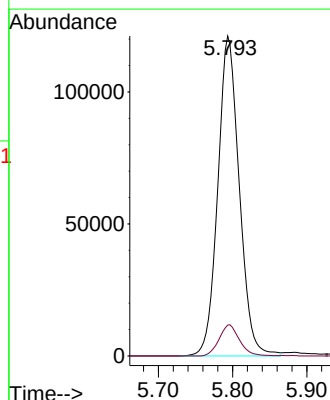
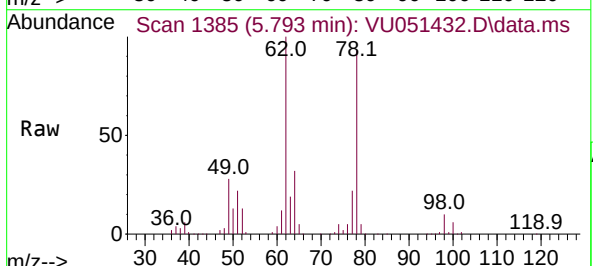
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

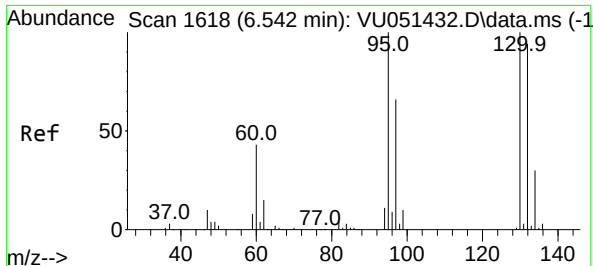
Tgt Ion: 78 Resp: 822640
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



#36
1,2-Dichloroethane
Concen: 10.330 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 62 Resp: 243824
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2





#37

Trichloroethene

Concen: 10.618 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

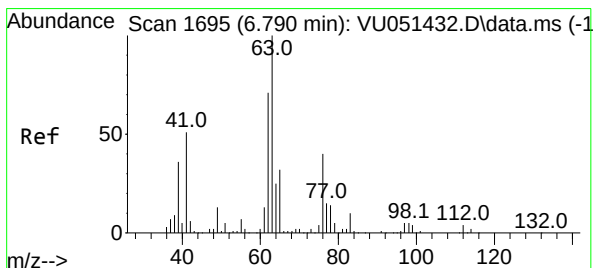
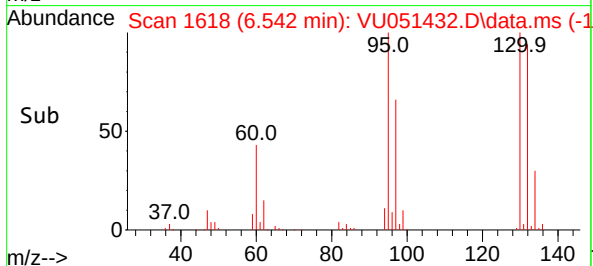
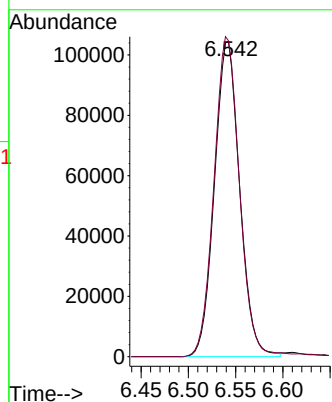
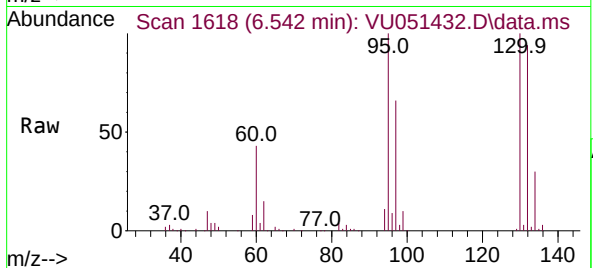
VSTDICCC010

Tgt Ion:130 Resp: 193594

Ion Ratio Lower Upper

130 100

95 100.3 80.2 120.4



#38

1,2-Dichloropropane

Concen: 10.894 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051432.D

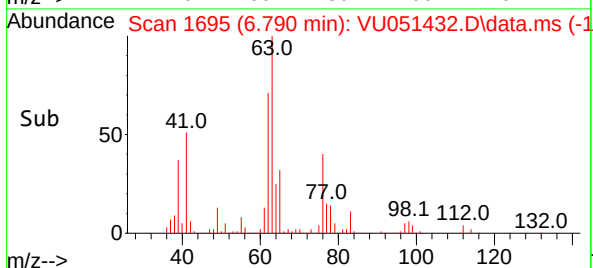
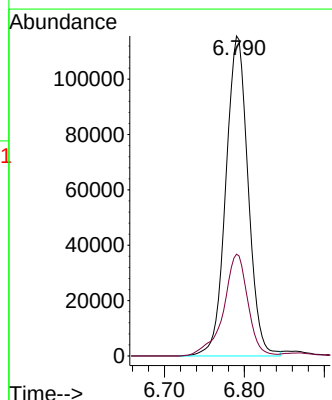
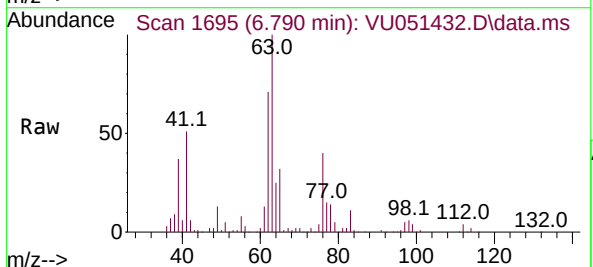
Acq: 17 Oct 2022 16:34

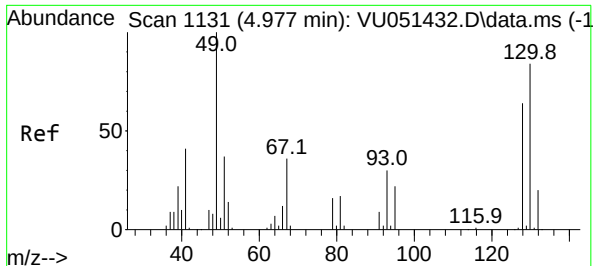
Tgt Ion: 63 Resp: 223386

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2





#39

Methacrylonitrile

Concen: 11.547 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 62589

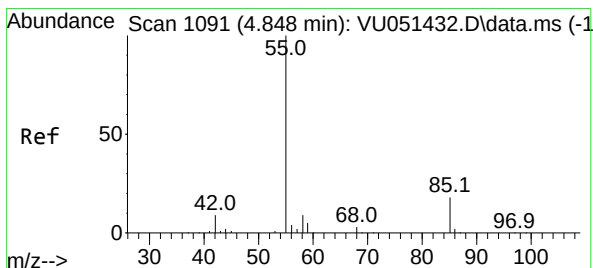
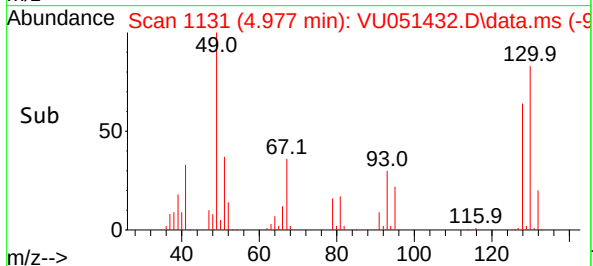
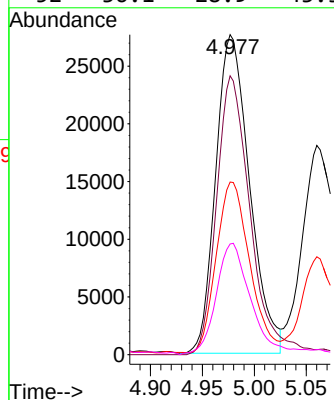
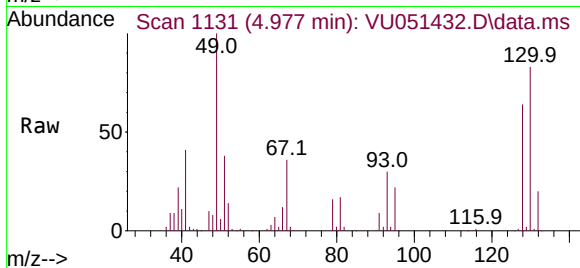
Ion Ratio Lower Upper

41 100

67 87.0 69.6 104.4

39 52.8 42.2 63.4

52 36.1 28.9 43.3



#40

Methyl acrylate

Concen: 10.657 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Tgt Ion: 55 Resp: 99266

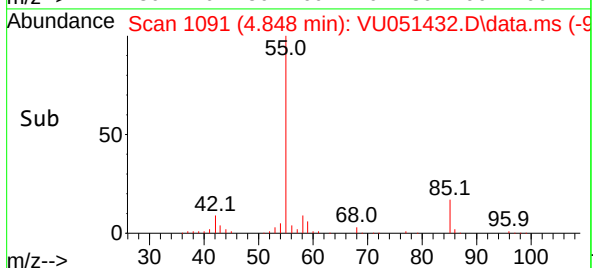
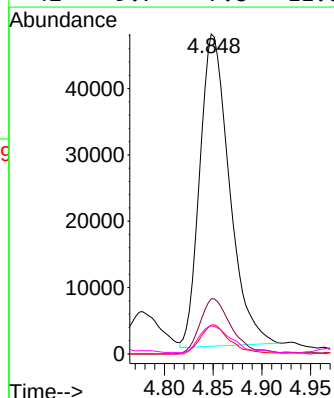
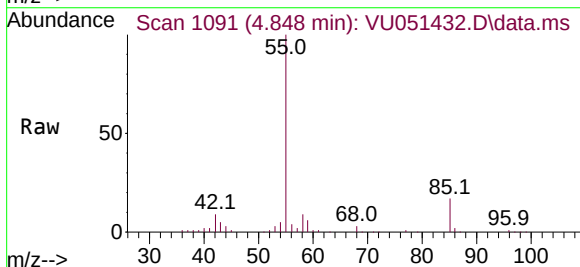
Ion Ratio Lower Upper

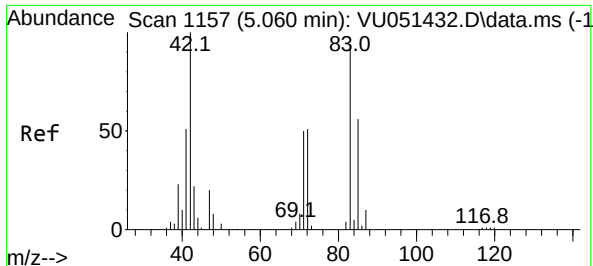
55 100

85 18.8 15.0 22.6

58 9.4 7.5 11.3

42 9.7 7.8 11.6

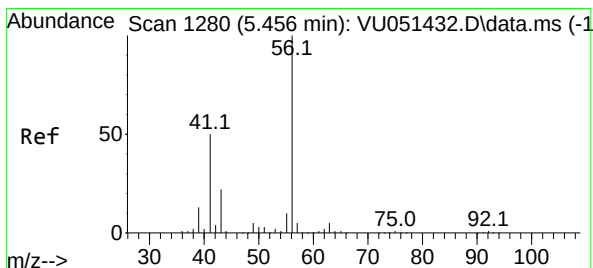
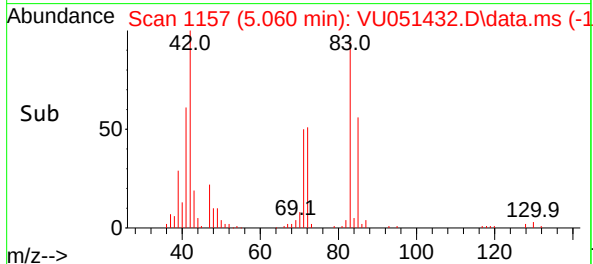
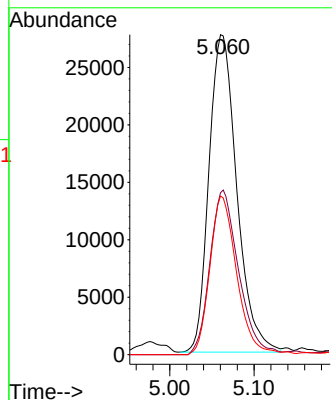
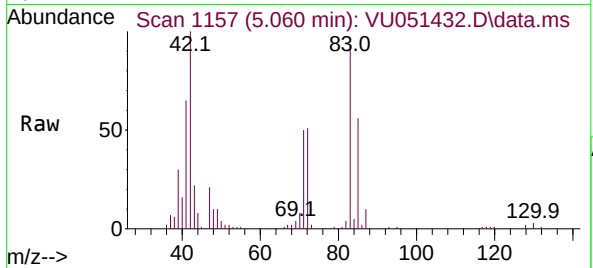




#41
Tetrahydrofuran
Concen: 22.179 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

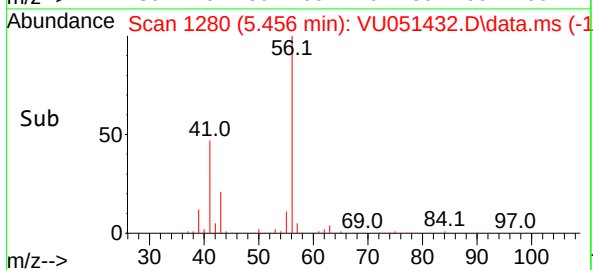
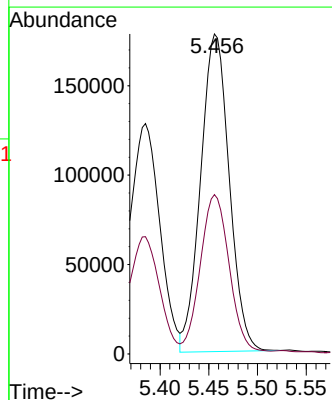
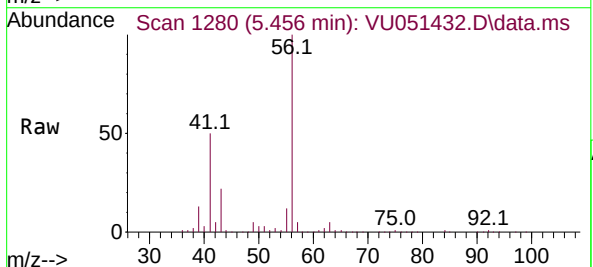
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

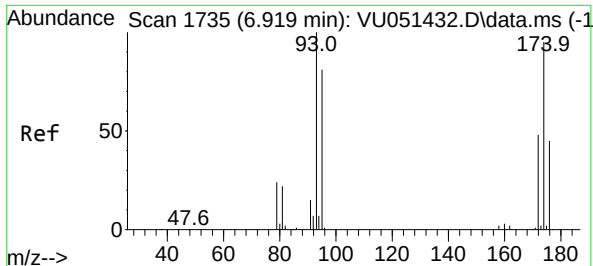
Tgt Ion:	42	Resp:	63446
Ion	Ratio	Lower	Upper
42	100		
72	53.3	42.6	64.0
71	47.9	38.3	57.5



#42
1-Chlorobutane
Concen: 11.517 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:	56	Resp:	362598
Ion	Ratio	Lower	Upper
56	100		
41	49.6	24.8	74.4

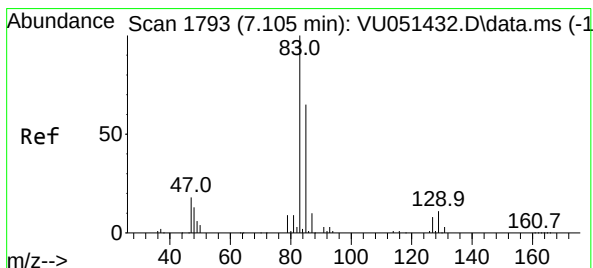
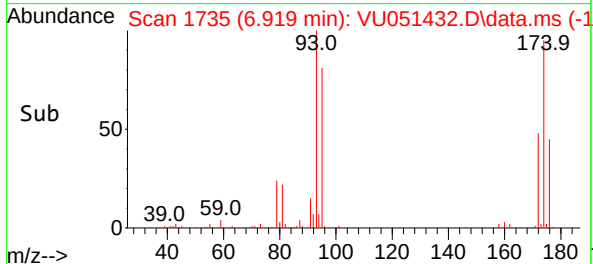
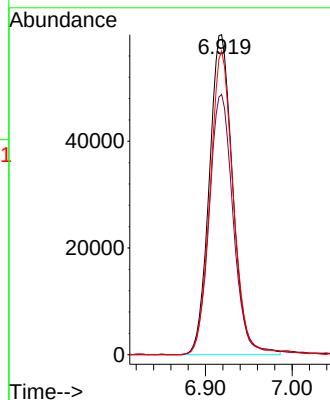
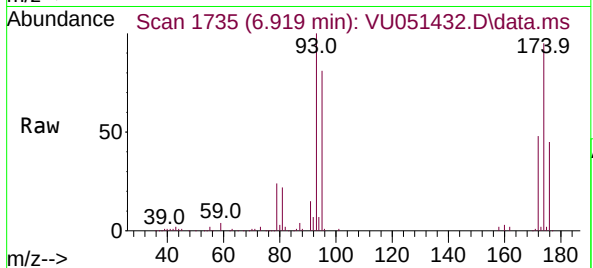




#43
Dibromomethane
Concen: 10.260 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

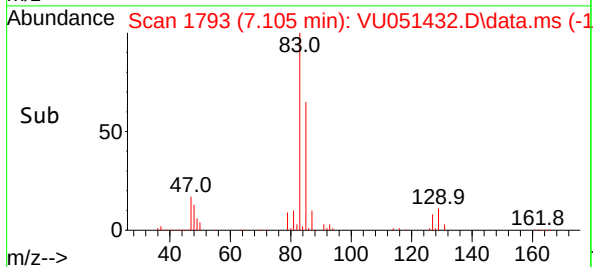
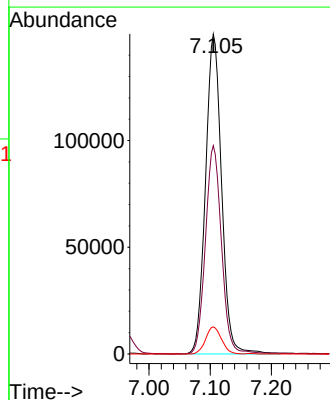
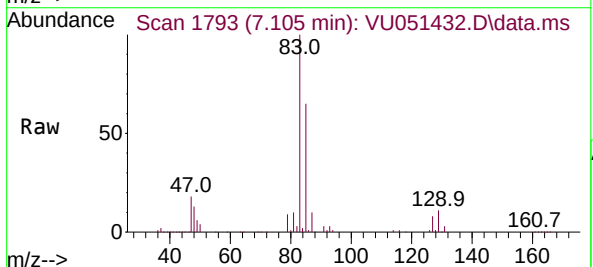
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

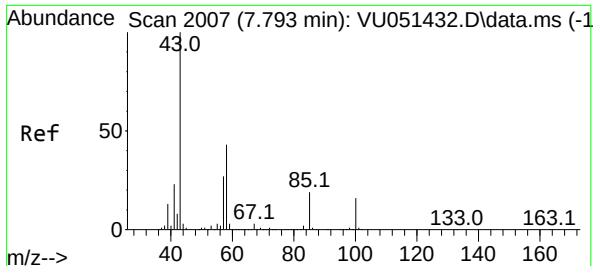
Tgt Ion: 93 Resp: 113005
Ion Ratio Lower Upper
93 100
95 83.4 66.7 100.1
174 94.4 75.5 113.3



#44
Bromodichloromethane
Concen: 10.611 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 83 Resp: 273719
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.5 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 55.855 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

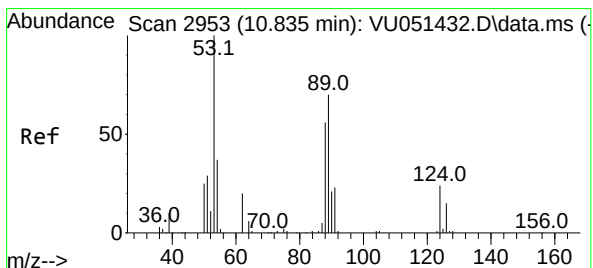
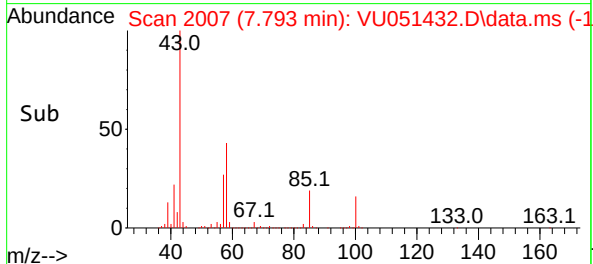
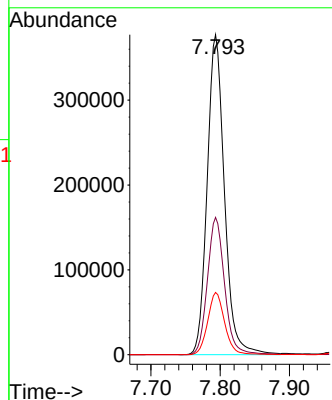
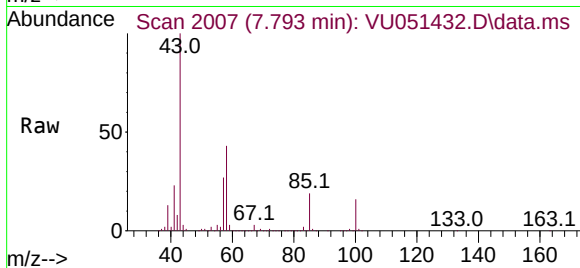
Tgt Ion: 43 Resp: 650770

Ion Ratio Lower Upper

43 100

58 42.9 21.4 64.3

85 19.2 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 69.708 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Tgt Ion: 75 Resp: 286749

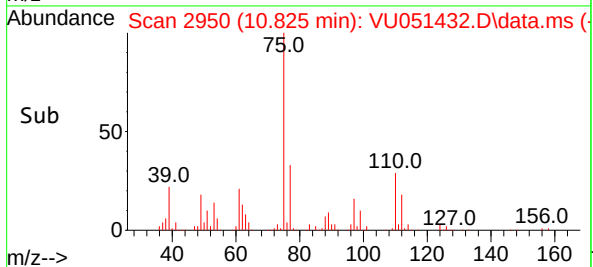
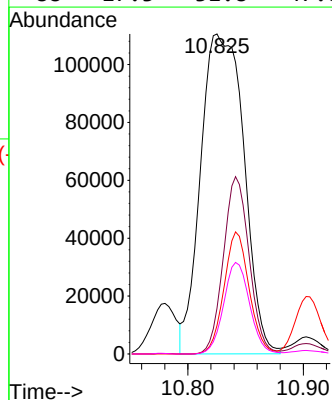
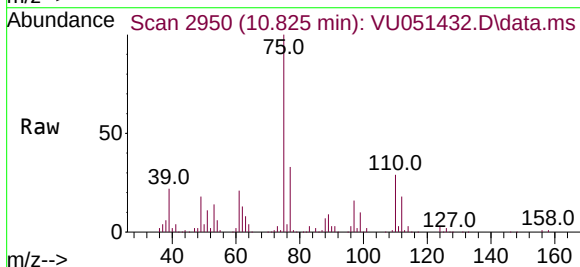
Ion Ratio Lower Upper

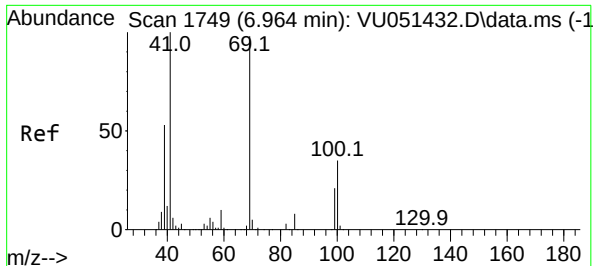
75 100

53 33.2 61.1 91.7#

89 22.3 41.0 61.6#

88 17.3 31.8 47.8#





#47

Methyl methacrylate

Concen: 24.095 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 213766

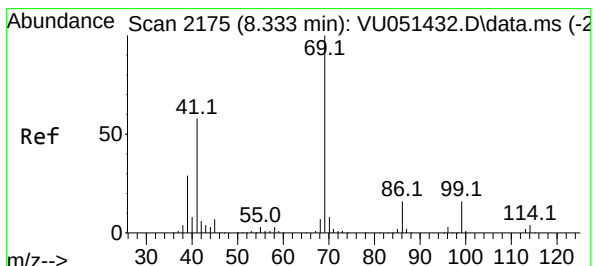
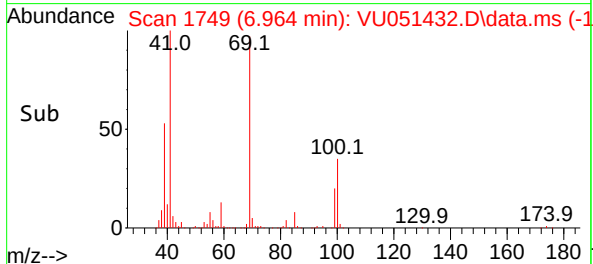
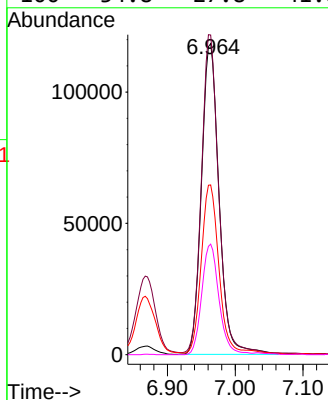
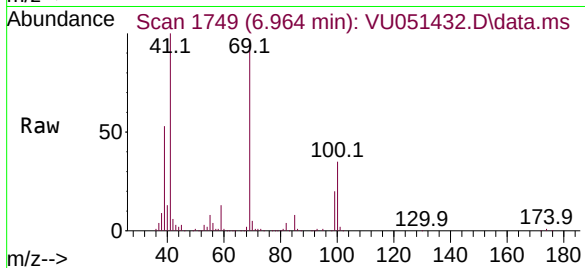
Ion Ratio Lower Upper

69 100

41 100.4 0.0 200.8

39 55.1 44.1 66.1

100 34.8 27.8 41.8



#48

Ethyl methacrylate

Concen: 12.309 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051432.D

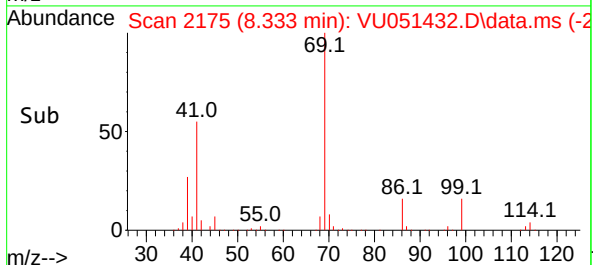
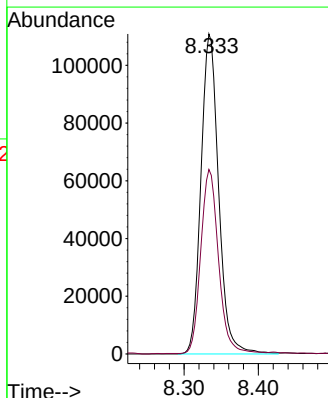
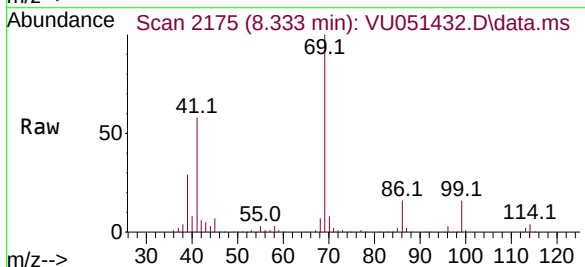
Acq: 17 Oct 2022 16:34

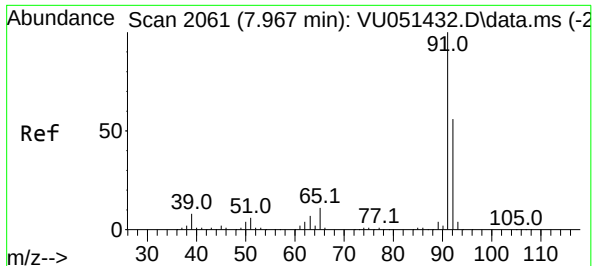
Tgt Ion: 69 Resp: 183162

Ion Ratio Lower Upper

69 100

41 57.7 28.8 86.5





#49

Toluene

Concen: 12.137 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

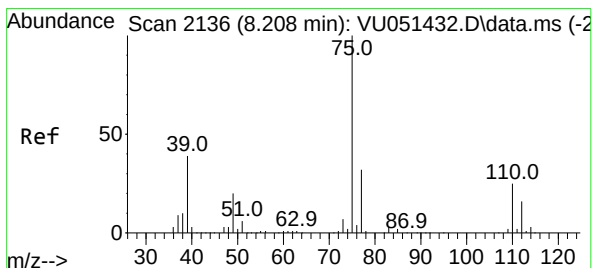
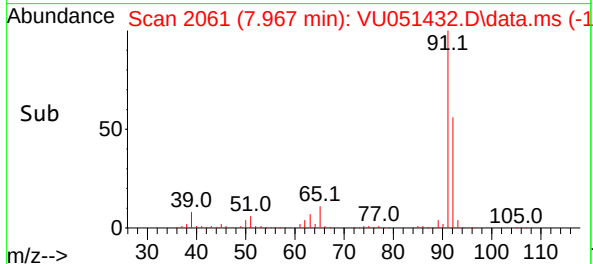
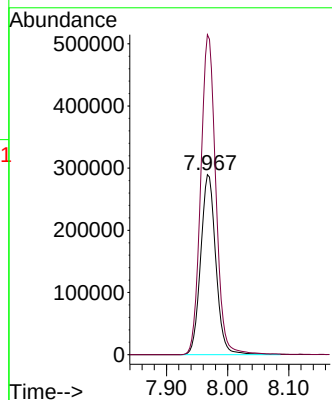
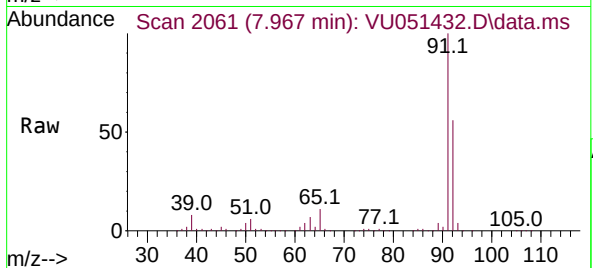
VSTDICCC010

Tgt Ion: 92 Resp: 498703

Ion Ratio Lower Upper

92 100

91 177.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 11.587 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051432.D

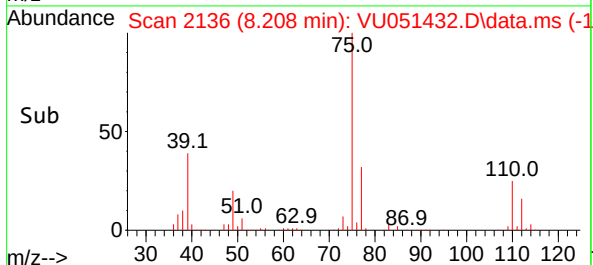
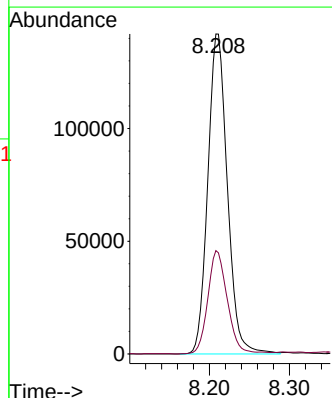
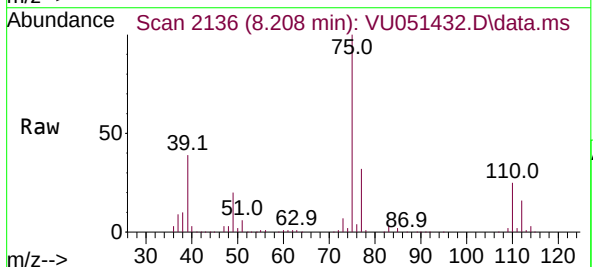
Acq: 17 Oct 2022 16:34

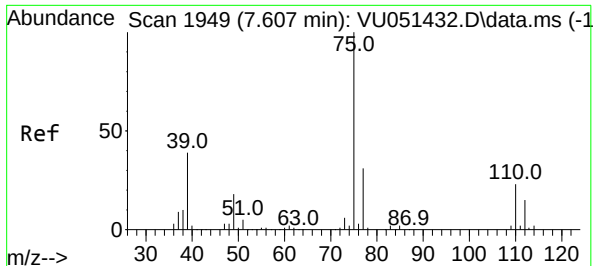
Tgt Ion: 75 Resp: 241223

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 11.480 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

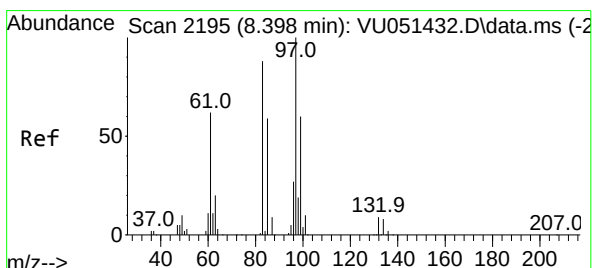
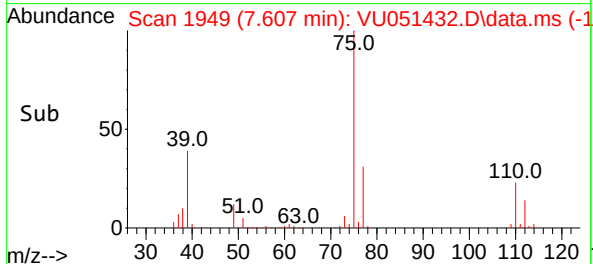
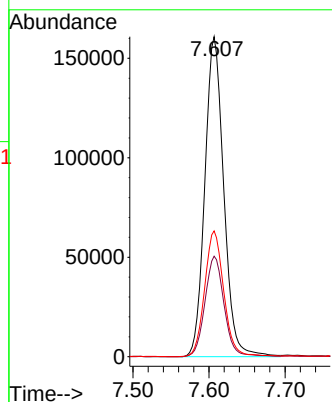
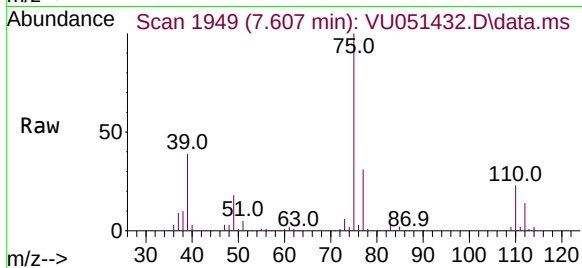
Tgt Ion: 75 Resp: 278658

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 39.2 31.4 47.0



#52

1,1,2-Trichloroethane

Concen: 10.241 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Tgt Ion: 97 Resp: 164134

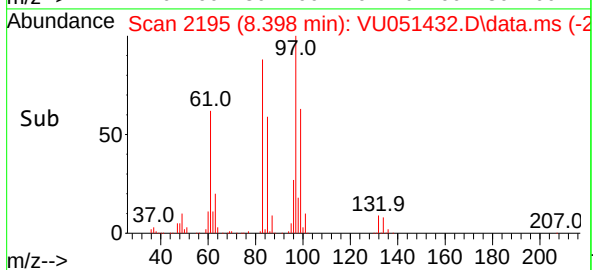
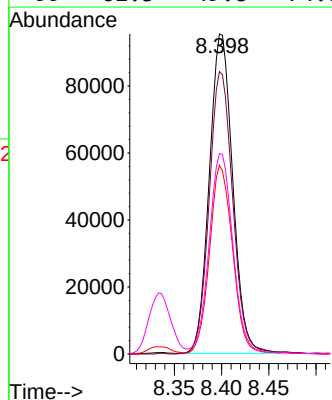
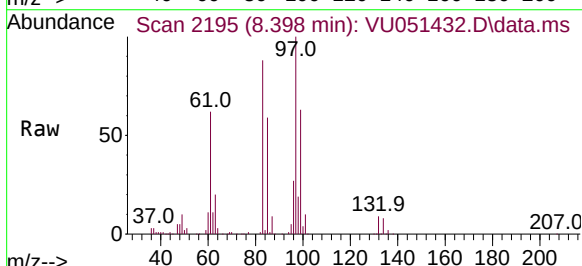
Ion Ratio Lower Upper

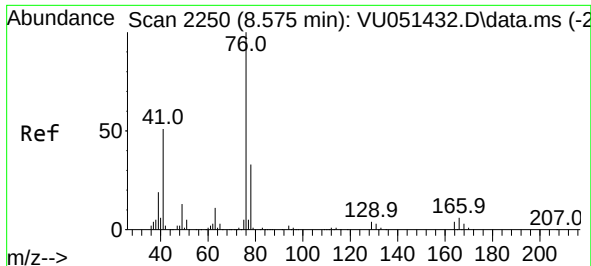
97 100

83 88.2 70.6 105.8

85 58.7 47.0 70.4

99 62.3 49.8 74.8





#53

1,3-Dichloropropane

Concen: 10.975 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

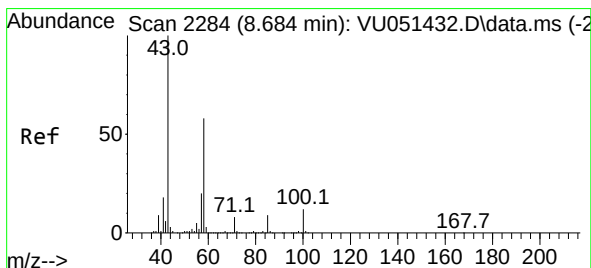
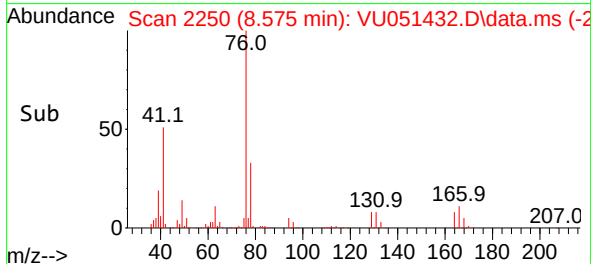
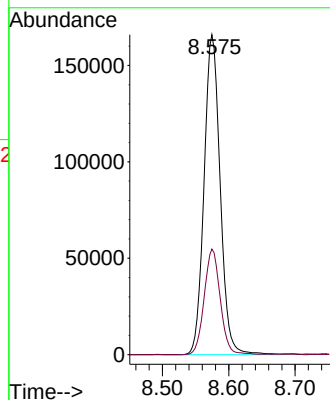
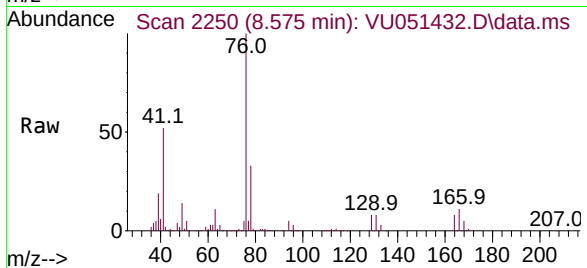
VSTDICCC010

Tgt Ion: 76 Resp: 280314

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#54

2-Hexanone

Concen: 56.107 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

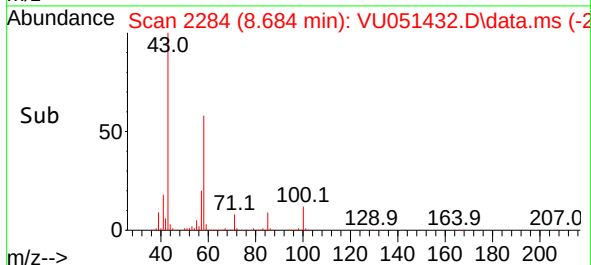
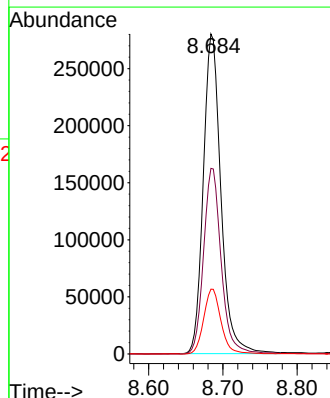
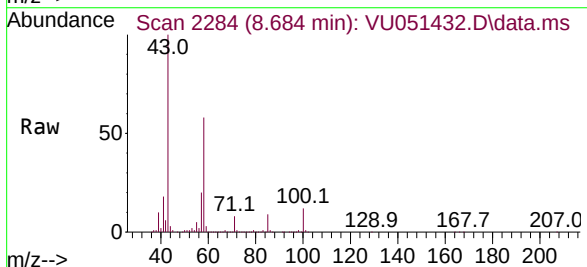
Tgt Ion: 43 Resp: 462692

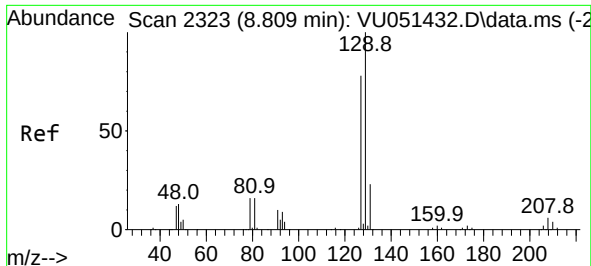
Ion Ratio Lower Upper

43 100

58 58.0 38.0 78.0

57 19.9 0.0 39.9

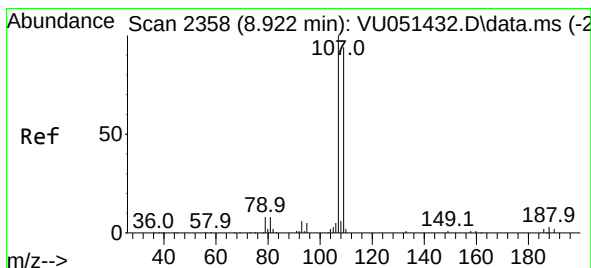
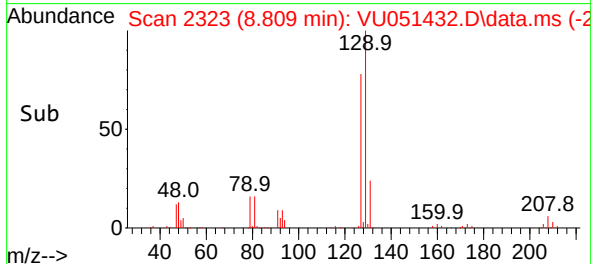
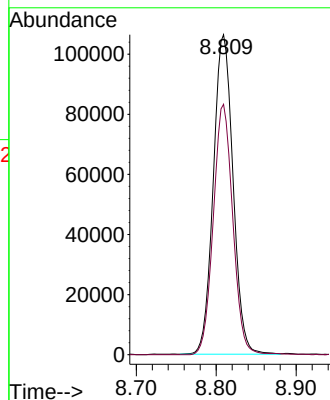
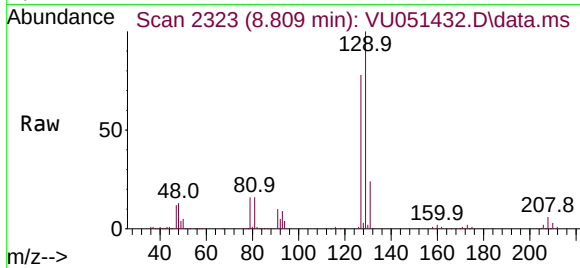




#55
Dibromochloromethane
Concen: 10.403 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

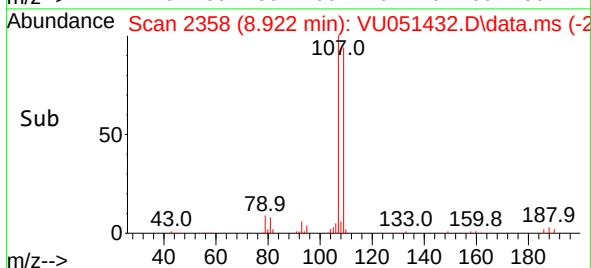
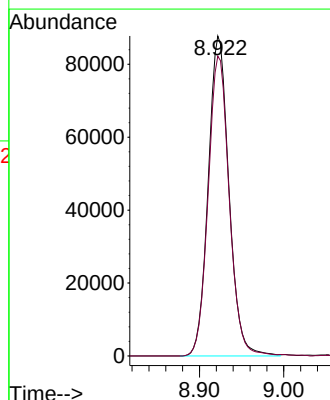
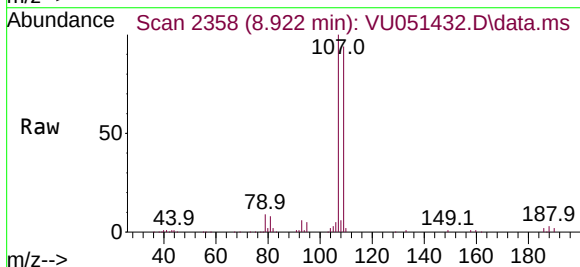
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

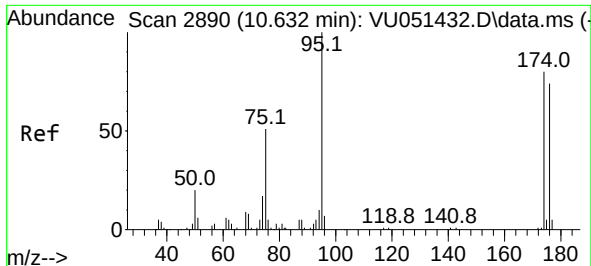
Tgt Ion:129 Resp: 181670
Ion Ratio Lower Upper
129 100
127 77.6 62.1 93.1



#56
1,2-Dibromoethane
Concen: 10.508 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:107 Resp: 150061
Ion Ratio Lower Upper
107 100
109 95.3 0.0 190.6

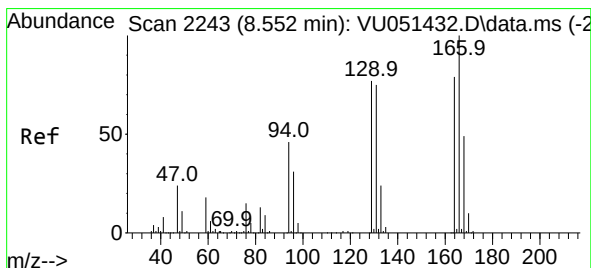
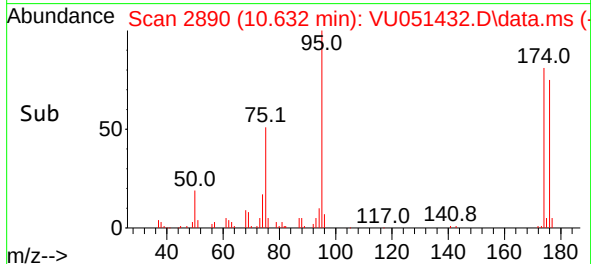
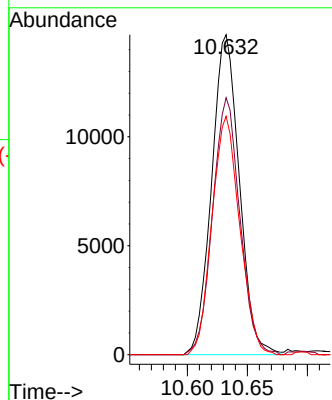
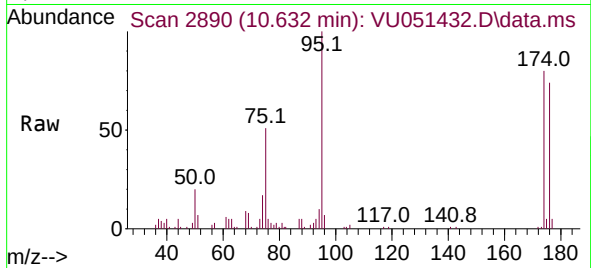




#57
 4-Bromofluorobenzene
 Concen: 1.160 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

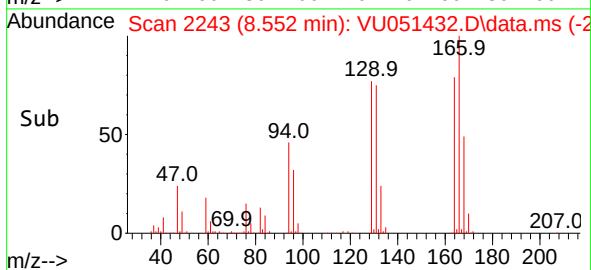
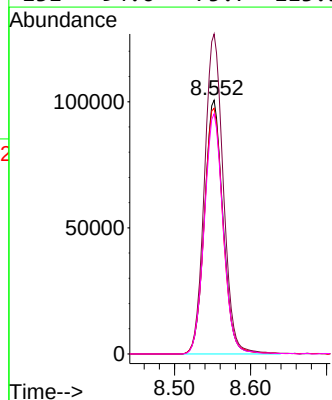
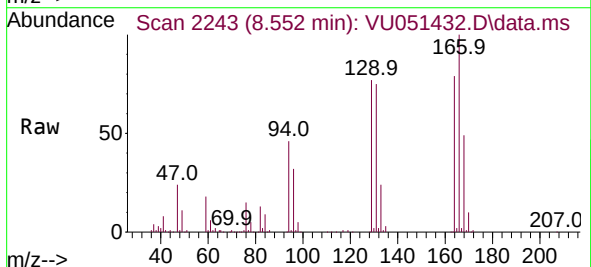
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

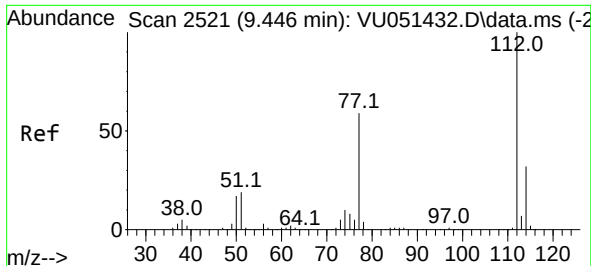
Tgt Ion: 95 Resp: 23546
 Ion Ratio Lower Upper
 95 100
 174 78.8 63.0 94.6
 176 74.7 59.8 89.6



#58
 Tetrachloroethene
 Concen: 9.475 ug/l
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

Tgt Ion: 164 Resp: 170439
 Ion Ratio Lower Upper
 164 100
 166 126.1 100.9 151.3
 129 96.9 77.5 116.3
 131 94.6 75.7 113.5





#59

Chlorobenzene

Concen: 11.477 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

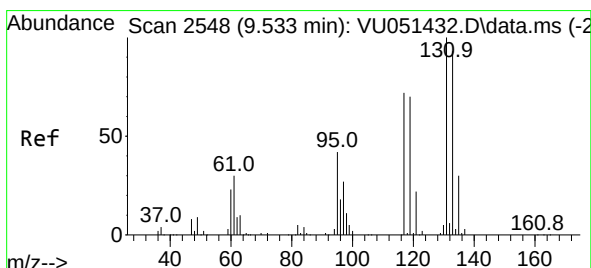
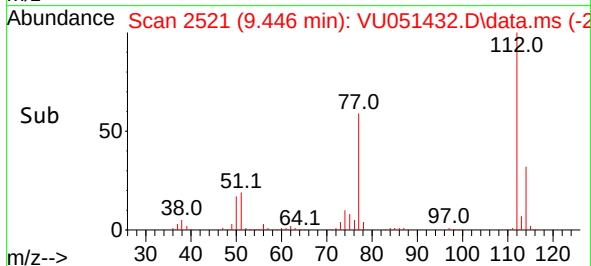
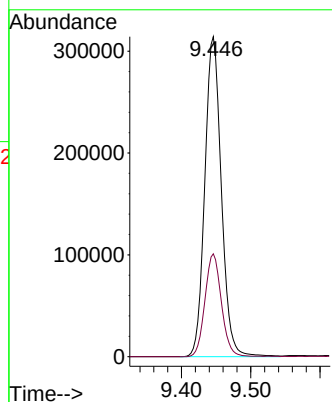
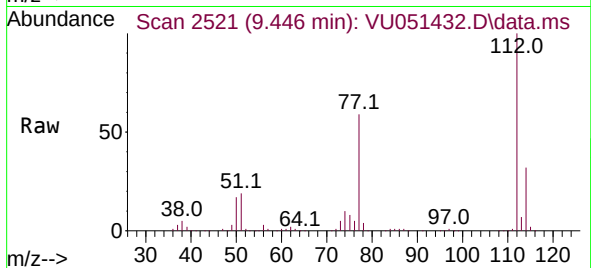
VSTDICCC010

Tgt Ion:112 Resp: 519978

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.415 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

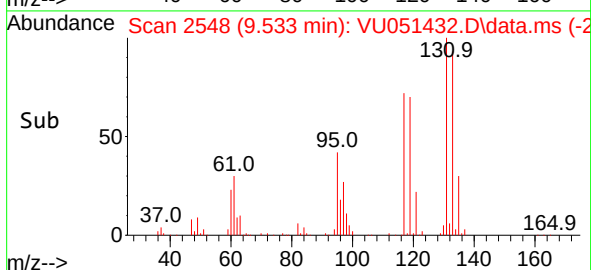
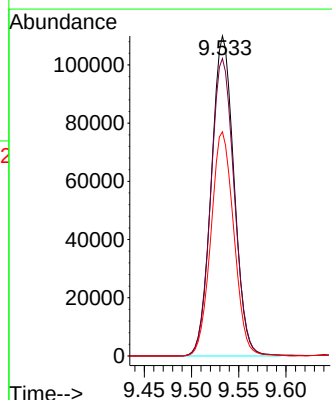
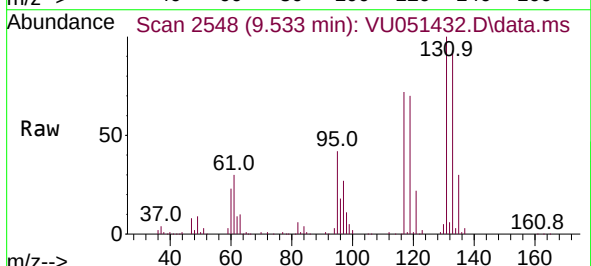
Tgt Ion:131 Resp: 183803

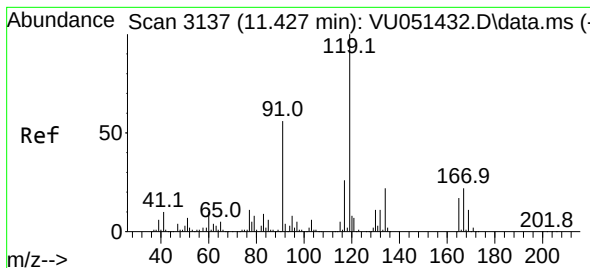
Ion Ratio Lower Upper

131 100

133 95.6 76.5 114.7

119 70.6 56.5 84.7





#61

Pentachloroethane

Concen: 12.962 ug/l

RT: 11.427 min Scan# 3137

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

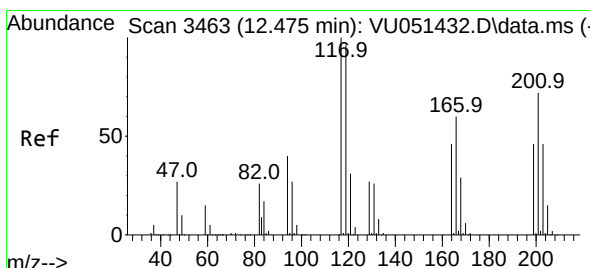
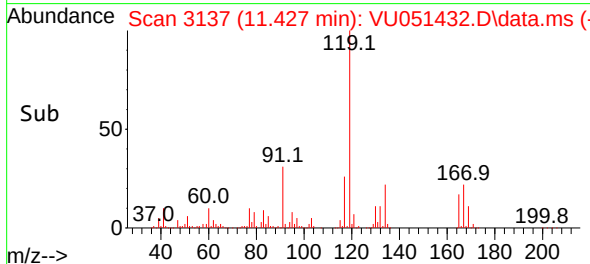
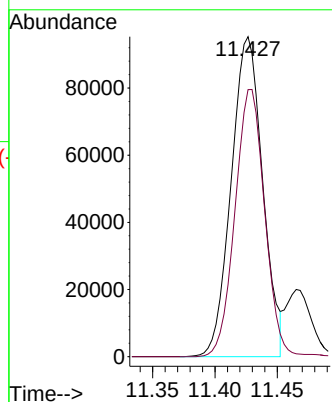
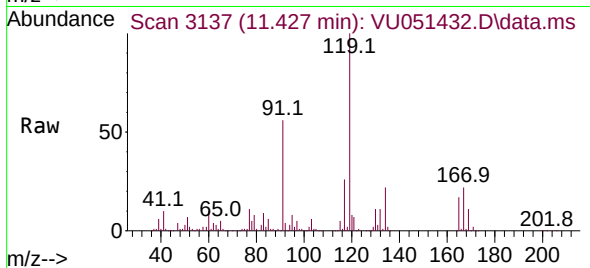
VSTDICCC010

Tgt Ion:117 Resp: 167175

Ion Ratio Lower Upper

117 100

167 79.1 63.3 94.9



#62

Hexachloroethane

Concen: 11.320 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU051432.D

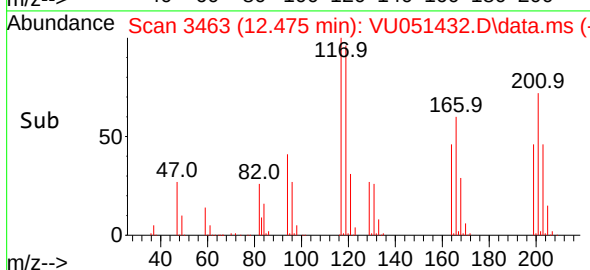
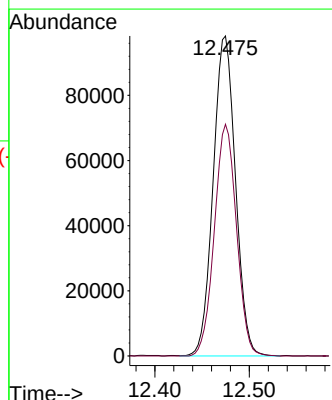
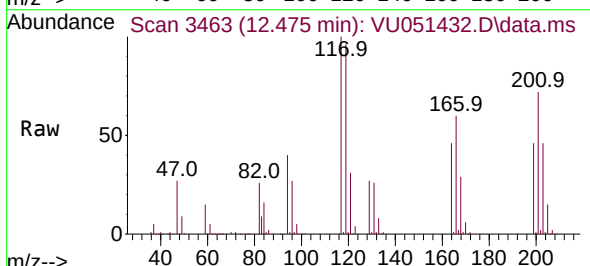
Acq: 17 Oct 2022 16:34

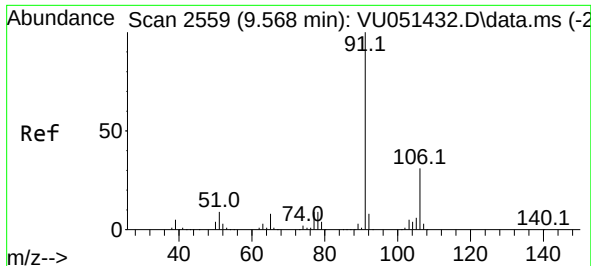
Tgt Ion:117 Resp: 161227

Ion Ratio Lower Upper

117 100

201 71.8 57.4 86.2

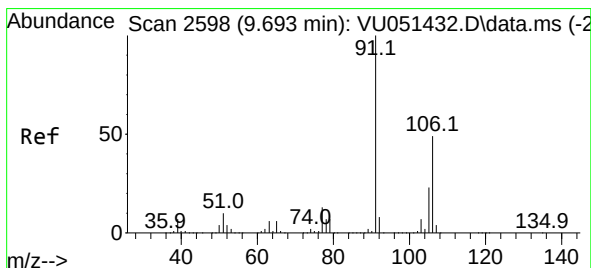
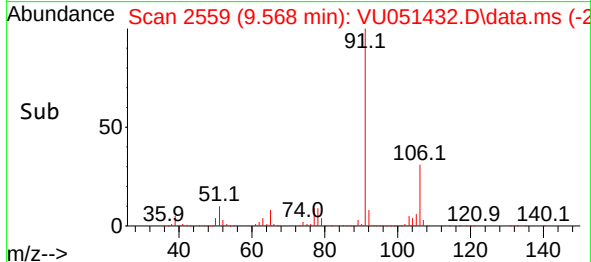
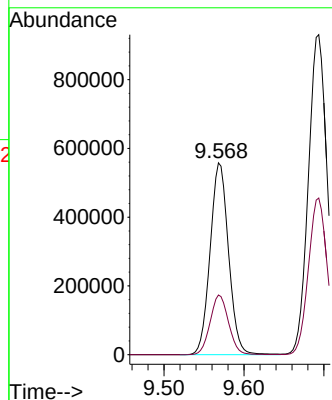
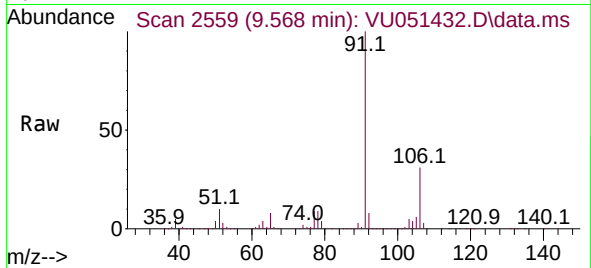




#63
Ethyl Benzene
Concen: 12.844 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

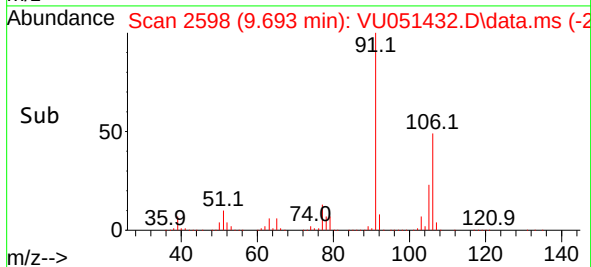
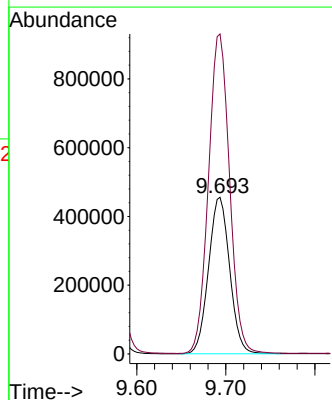
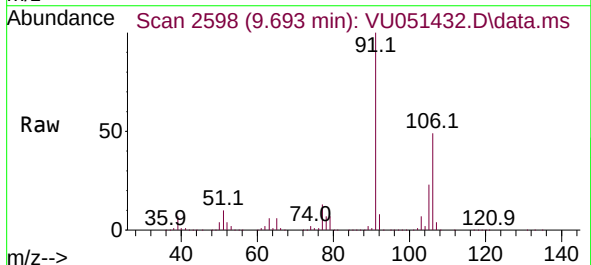
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

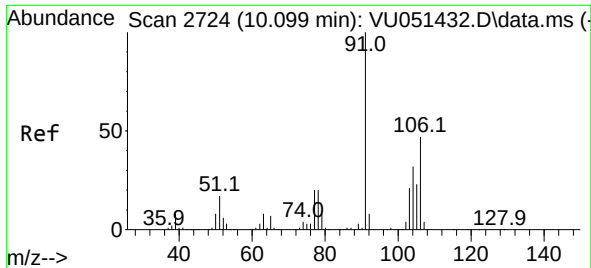
Tgt Ion: 91 Resp: 893780
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#64
m/p-Xylenes
Concen: 27.236 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 106 Resp: 749811
Ion Ratio Lower Upper
106 100
91 204.0 163.2 244.8

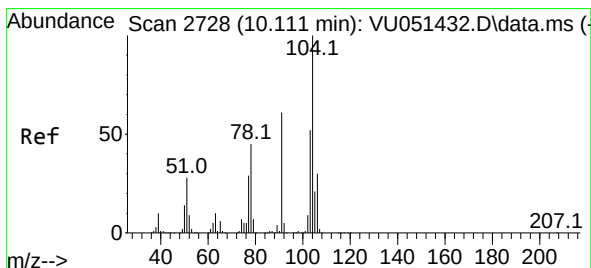
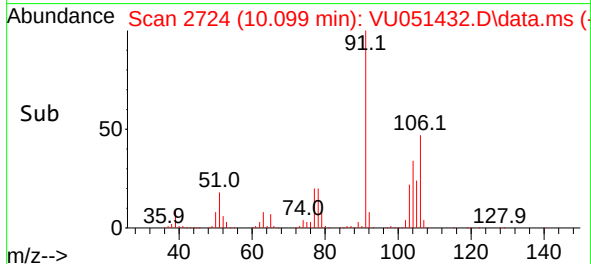
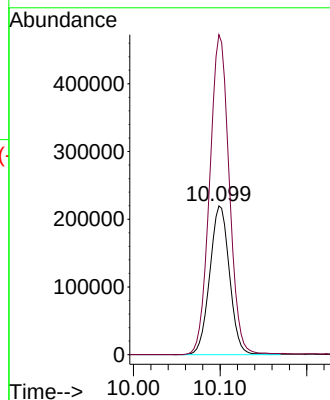
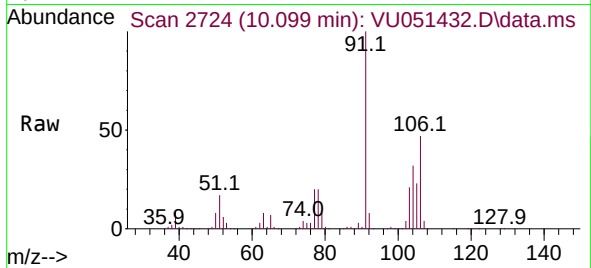




#65
o-Xylene
Concen: 12.942 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

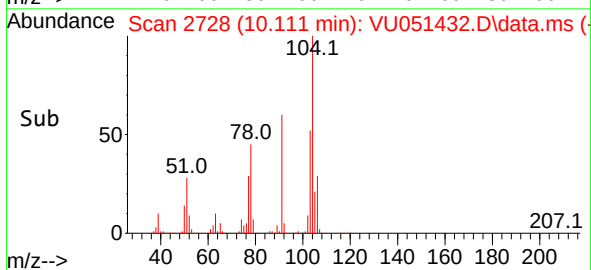
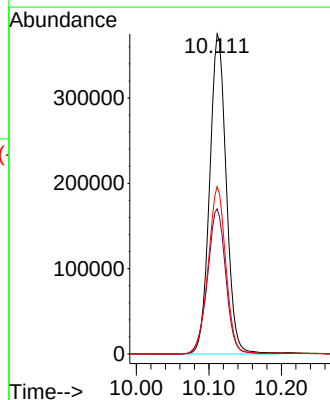
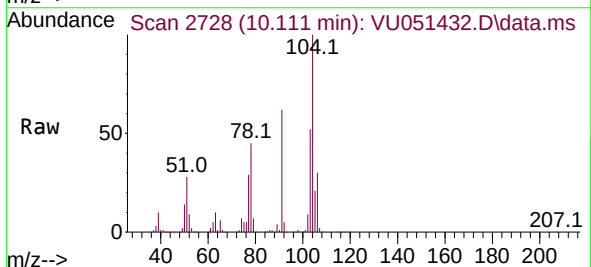
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

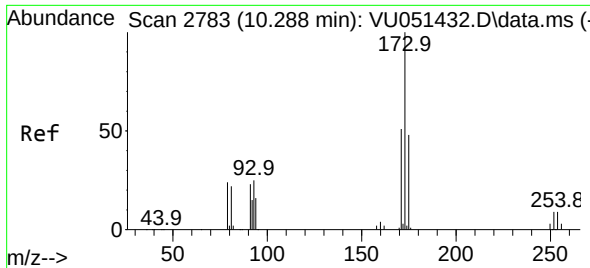
Tgt Ion:106 Resp: 346910
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#66
Styrene
Concen: 13.563 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:104 Resp: 599491
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 55.5 44.4 66.6

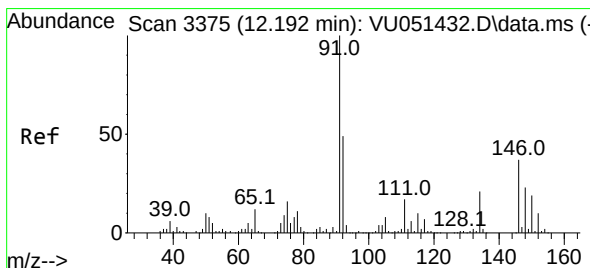
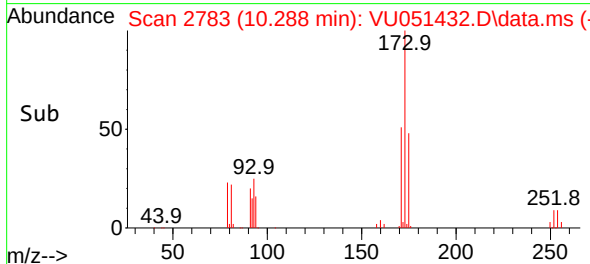
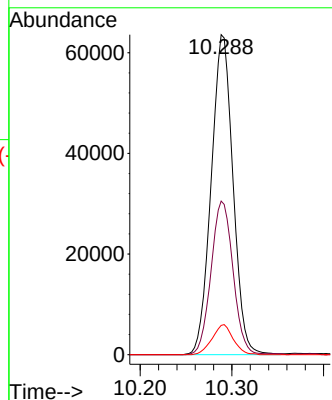
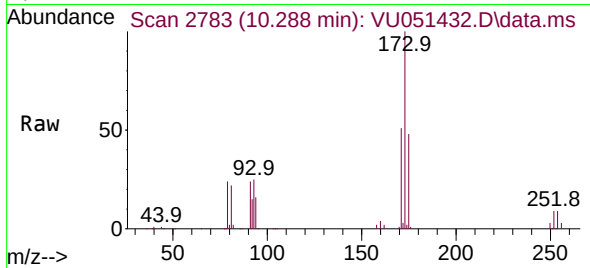




#67
Bromoform
Concen: 10.442 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

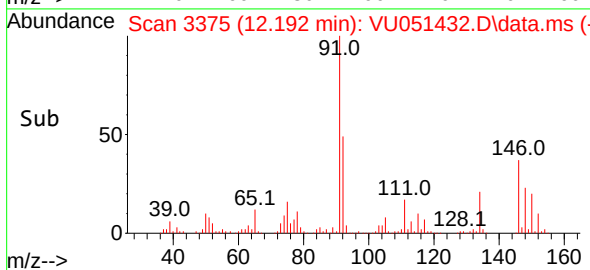
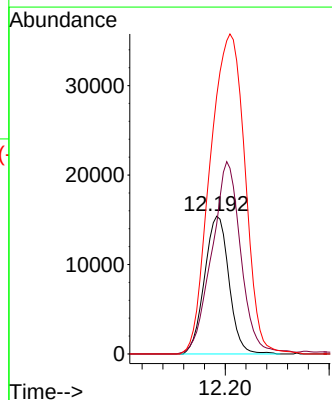
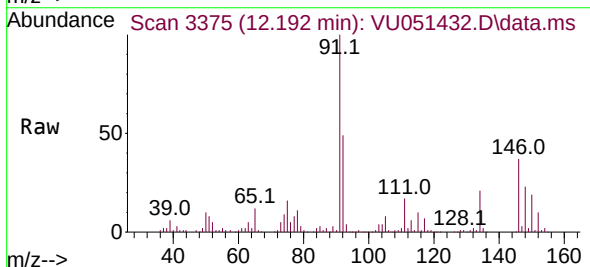
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

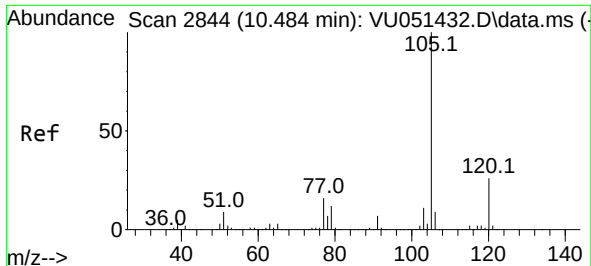
Tgt Ion:173 Resp: 105080
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 9.1 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 1.112 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:152 Resp: 25109
Ion Ratio Lower Upper
152 100
115 166.5 0.0 333.0
150 331.0 0.0 662.0

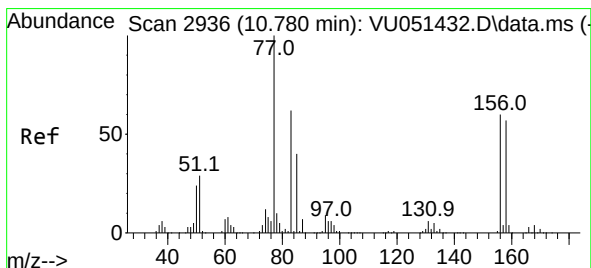
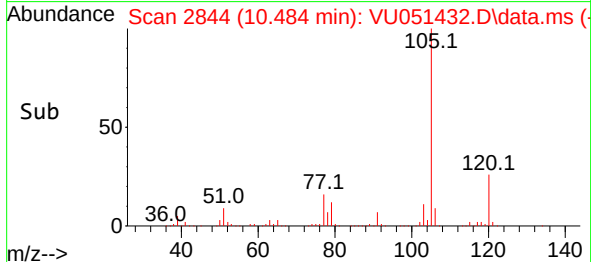
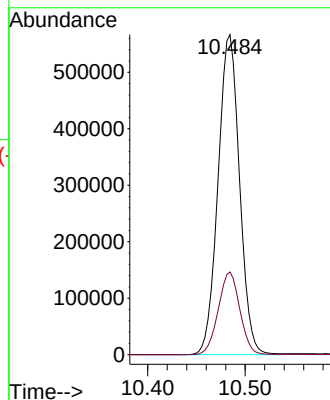
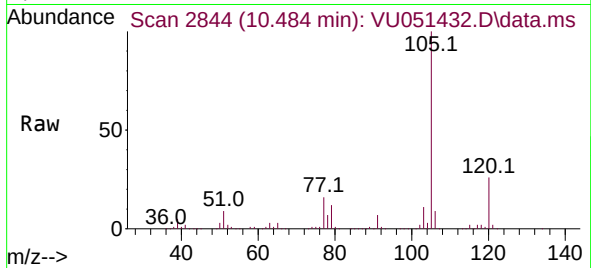




#69
Isopropylbenzene
Concen: 13.066 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

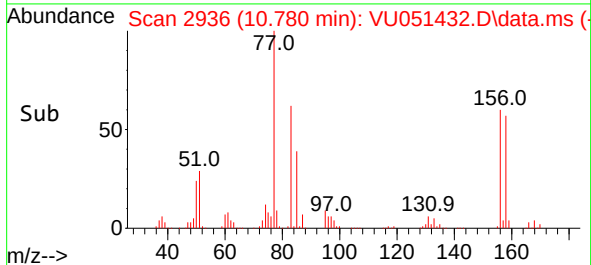
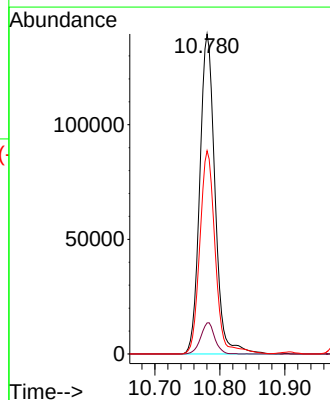
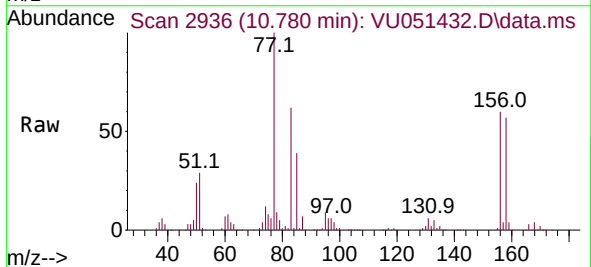
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

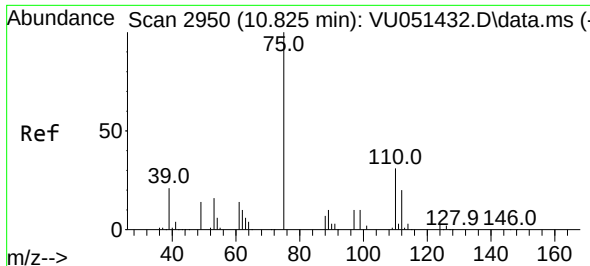
Tgt Ion:105 Resp: 868240
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 11.000 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 83 Resp: 228158
Ion Ratio Lower Upper
83 100
131 9.0 7.2 10.8
85 64.3 51.4 77.2



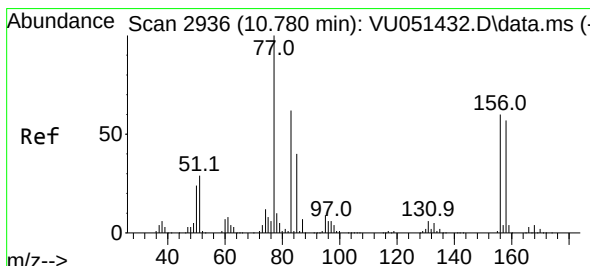
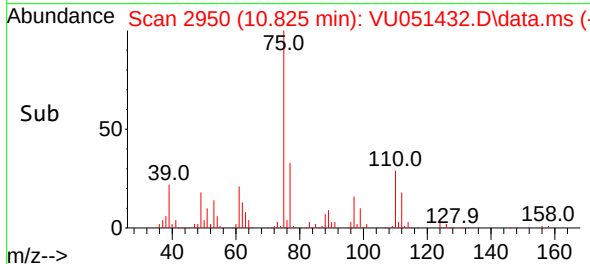
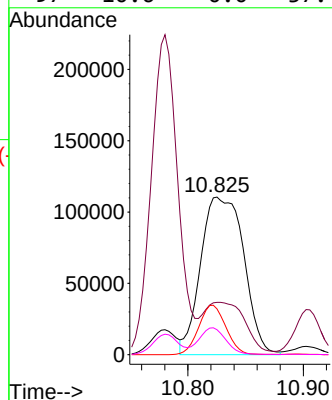
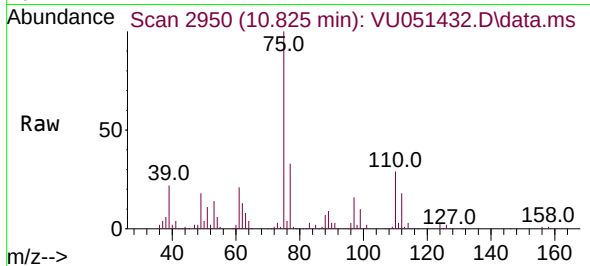


#71
1,2,3-Trichloropropane
Concen: 17.384 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 286749

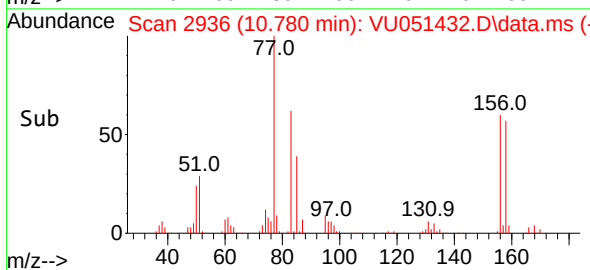
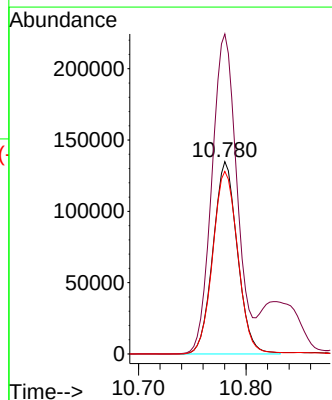
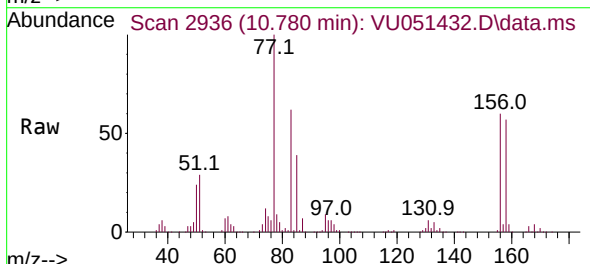
Ion	Ratio	Lower	Upper
75	100		
77	31.4	0.0	111.0
110	19.8	0.0	70.2
97	10.6	0.0	37.4

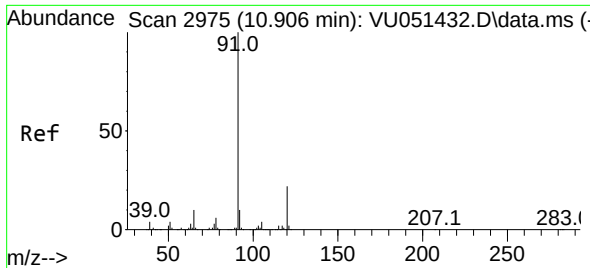


#72
Bromobenzene
Concen: 11.793 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 156 Resp: 212484

Ion	Ratio	Lower	Upper
156	100		
77	171.7	0.0	343.4
158	97.8	0.0	195.6

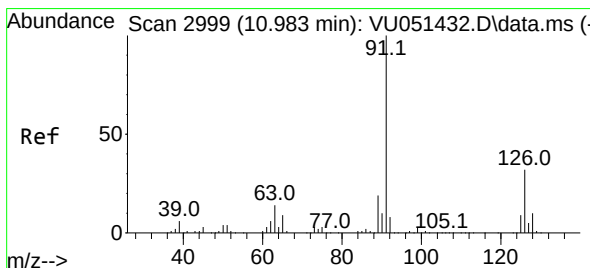
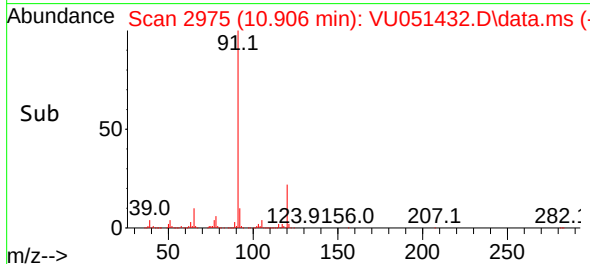
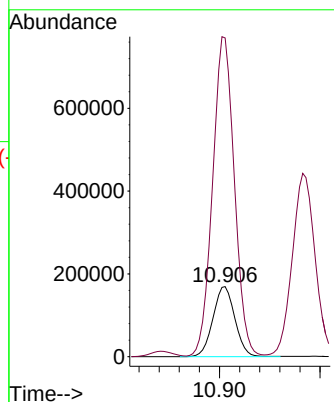
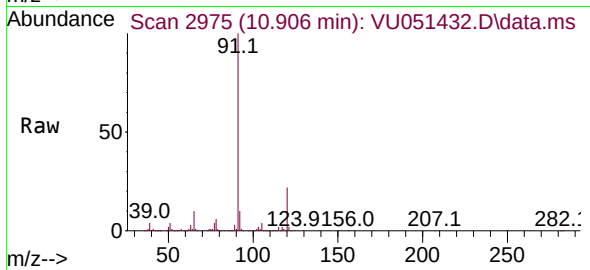




#73
n-propylbenzene
Concen: 14.161 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

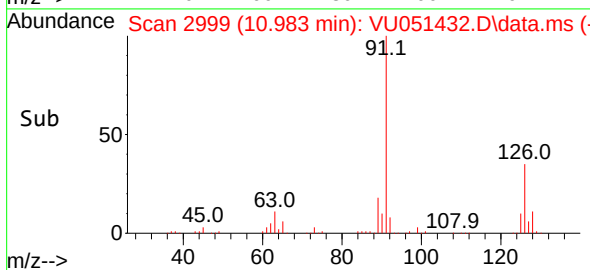
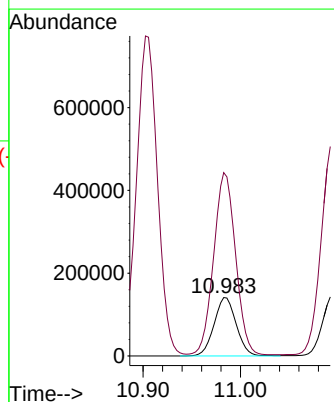
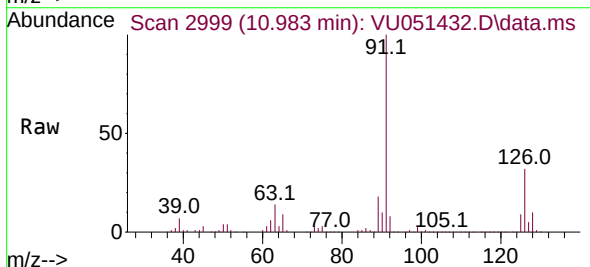
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

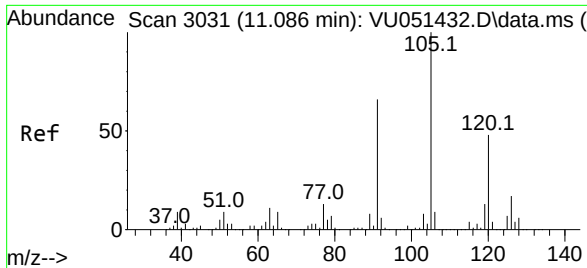
Tgt Ion:120 Resp: 255892
Ion Ratio Lower Upper
120 100
91 452.9 362.3 543.5



#74
2-Chlorotoluene
Concen: 12.676 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:126 Resp: 222791
Ion Ratio Lower Upper
126 100
91 311.6 0.0 623.2

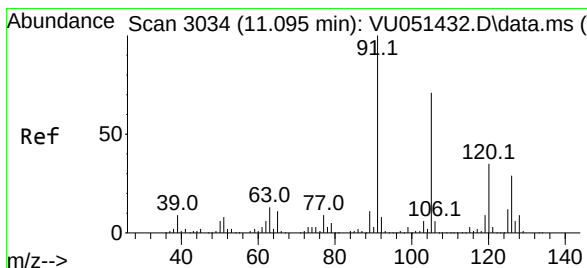
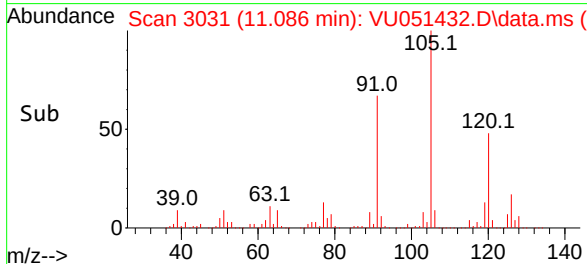
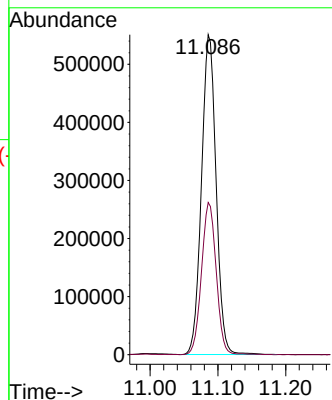
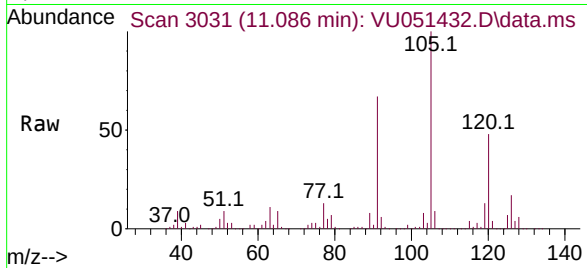




#75
1,3,5-Trimethylbenzene
Concen: 13.928 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

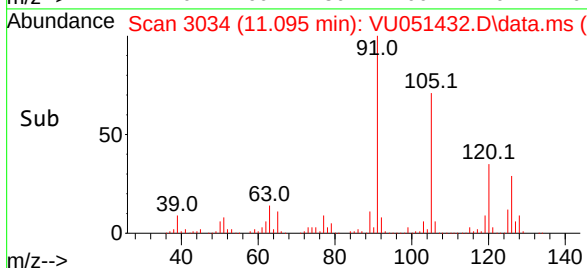
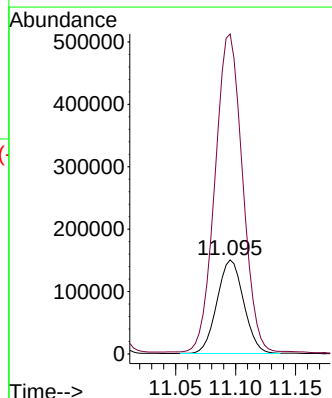
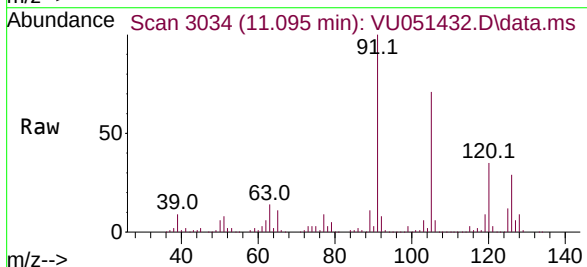
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

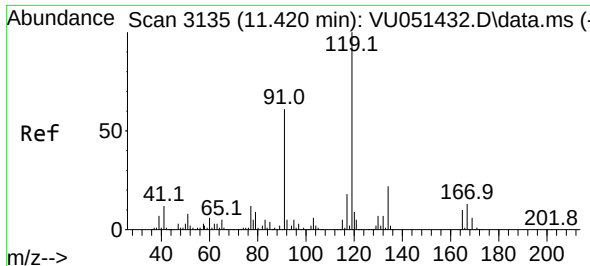
Tgt Ion:105 Resp: 823431
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.4



#76
4-Chlorotoluene
Concen: 13.253 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:126 Resp: 231011
Ion Ratio Lower Upper
126 100
91 358.8 0.0 717.6

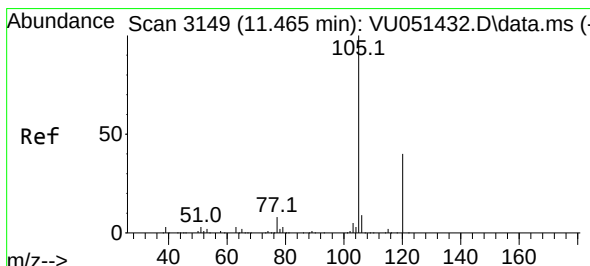
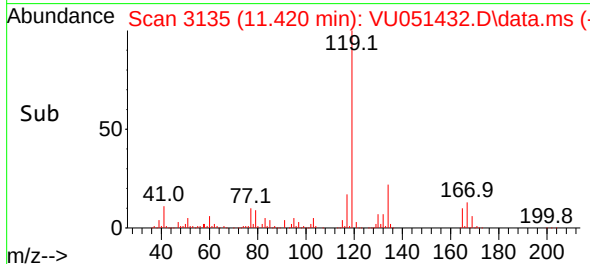
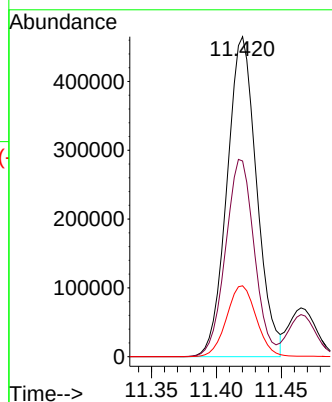
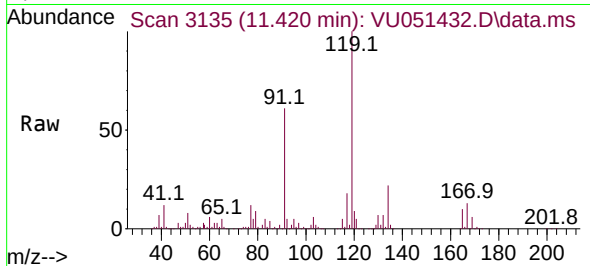




#77
 tert-Butylbenzene
 Concen: 13.385 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

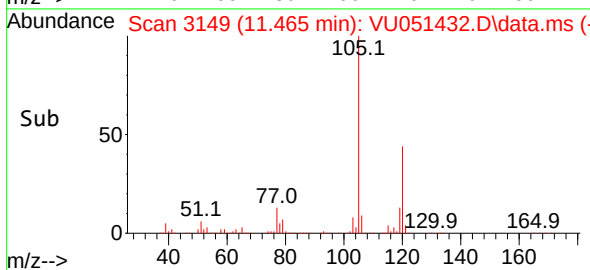
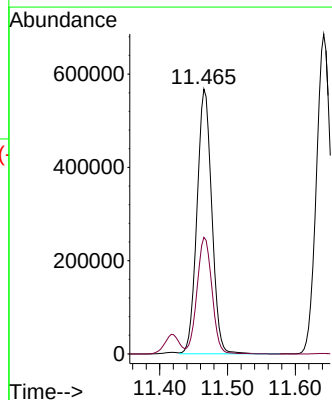
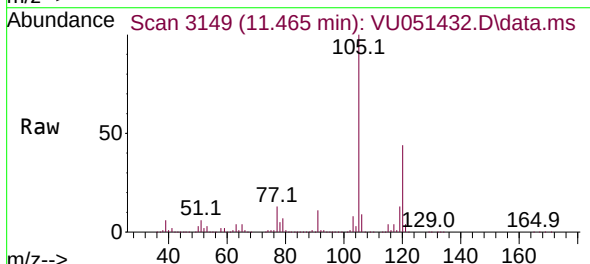
Instrument :
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 ClientSampleId :
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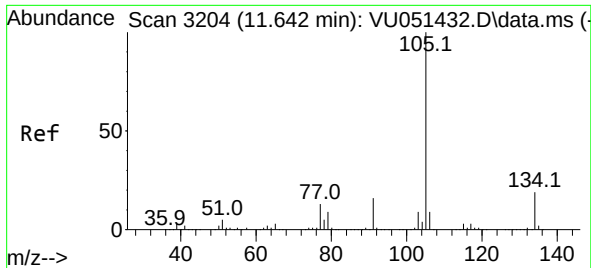
Tgt Ion:119 Resp: 738994
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.8 89.5
 134 22.4 17.9 26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 14.113 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

Tgt Ion:105 Resp: 860693
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3

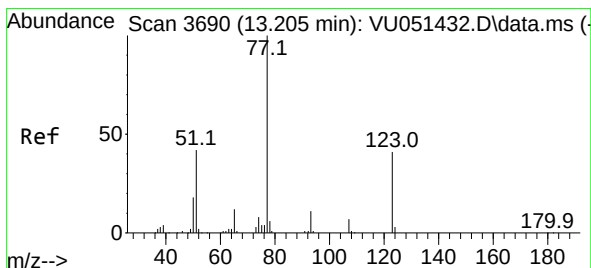
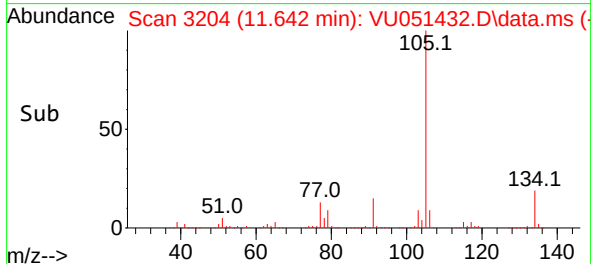
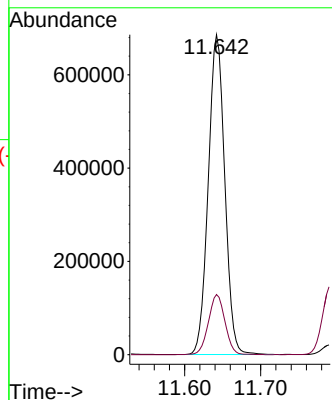
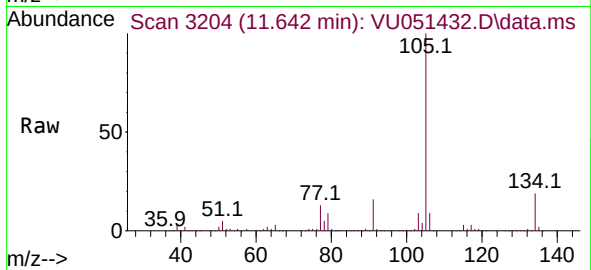




#79
 sec-Butylbenzene
 Concen: 13.621 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

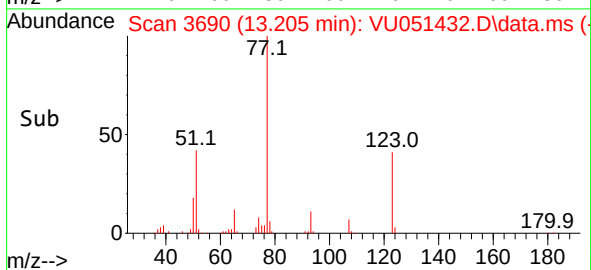
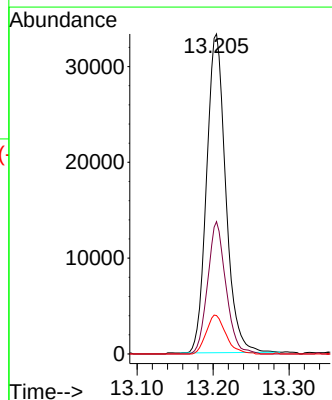
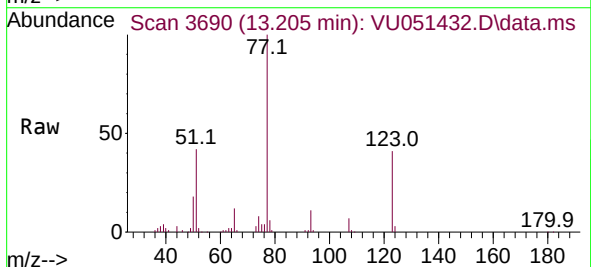
Instrument :
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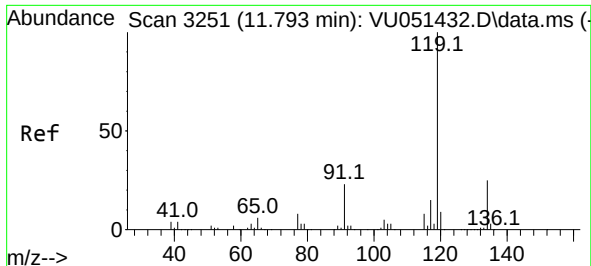
Tgt Ion:105 Resp: 1032805
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.2 22.8



#80
 Nitrobenzene
 Concen: 50.683 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. 0.000 min
 Lab File: VU051432.D
 Acq: 17 Oct 2022 16:34

Tgt Ion: 77 Resp: 58130
 Ion Ratio Lower Upper
 77 100
 123 39.8 17.5 62.1
 65 12.6 11.1 14.1

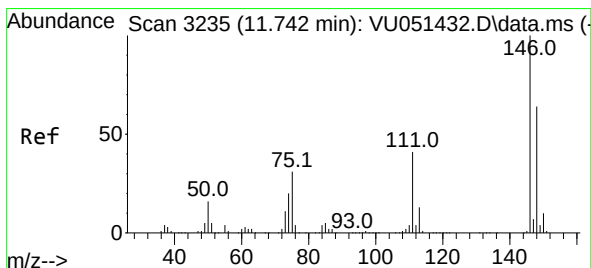
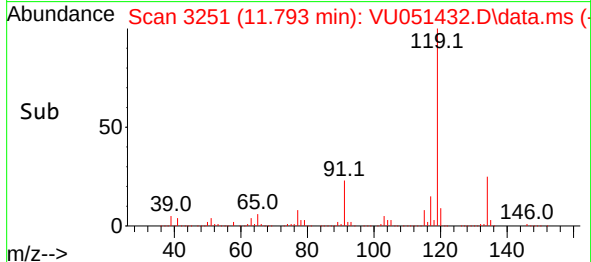
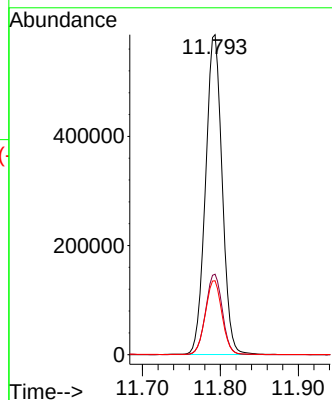
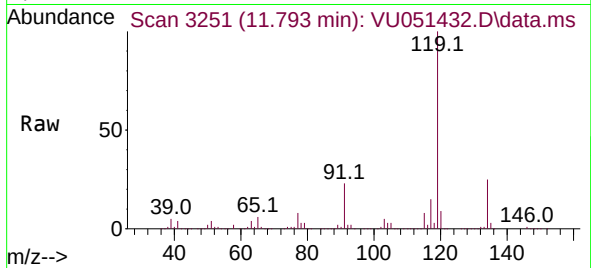




#81
p-Isopropyltoluene
Concen: 14.464 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

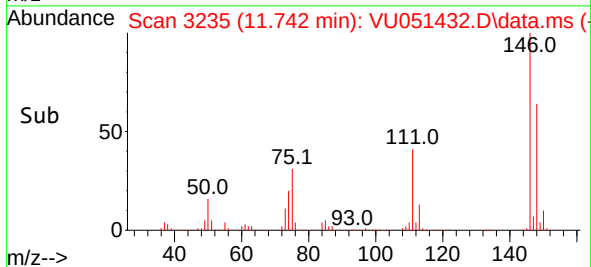
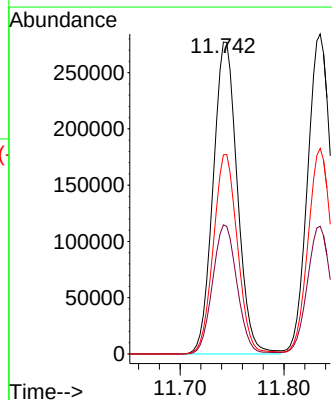
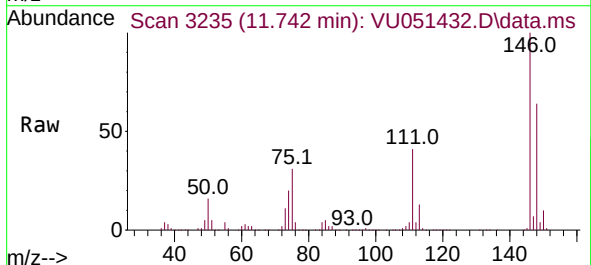
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

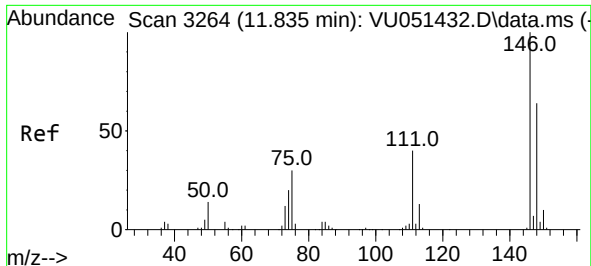
Tgt Ion:119 Resp: 867317
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 23.2 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 11.776 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:146 Resp: 449519
Ion Ratio Lower Upper
146 100
111 41.7 33.4 50.0
148 63.8 51.0 76.6

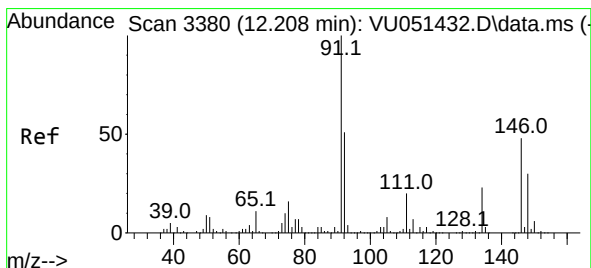
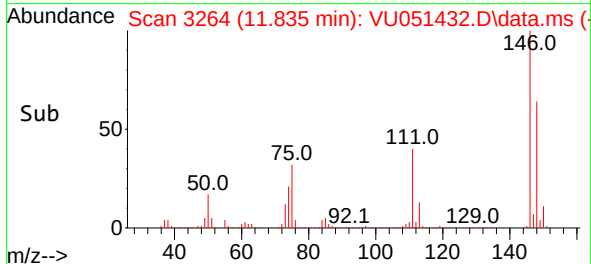
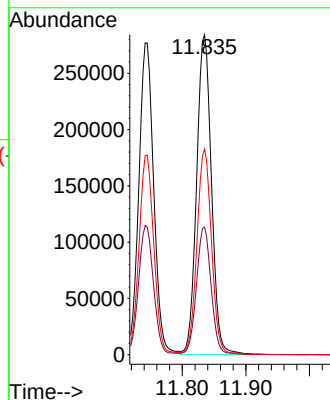
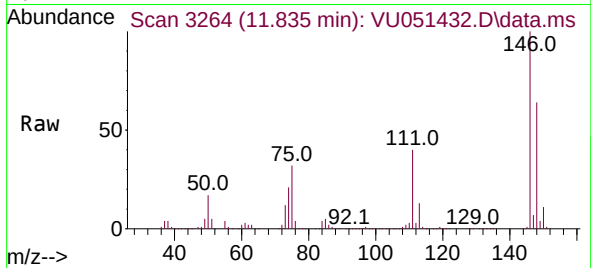




#83
1,4-Dichlorobenzene
Concen: 12.190 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

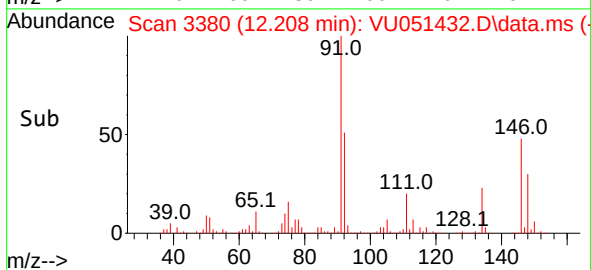
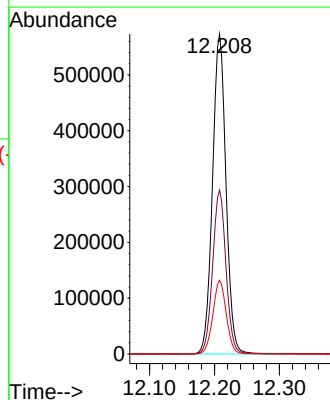
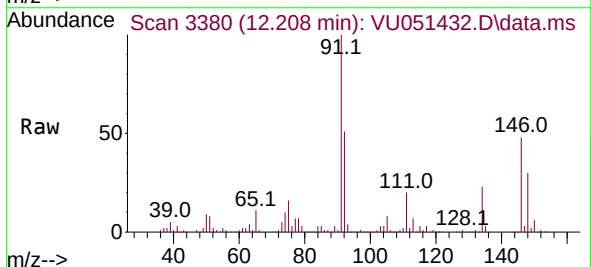
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

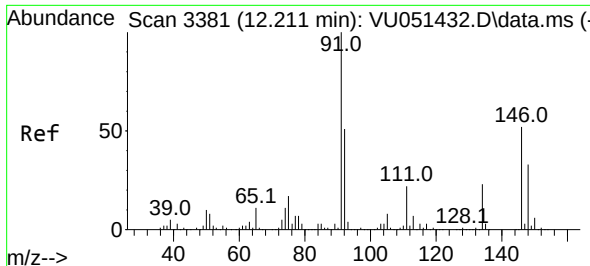
Tgt Ion:146 Resp: 459676
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.1 50.5 75.7



#84
n-Butylbenzene
Concen: 14.675 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 91 Resp: 827332
Ion Ratio Lower Upper
91 100
92 50.8 40.6 61.0
134 22.9 18.3 27.5

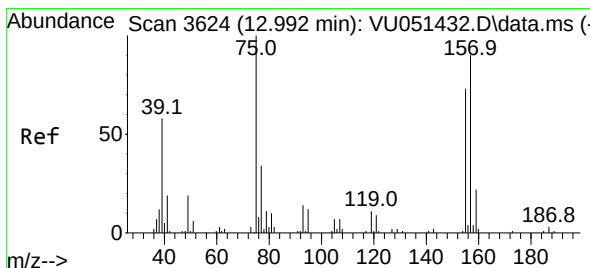
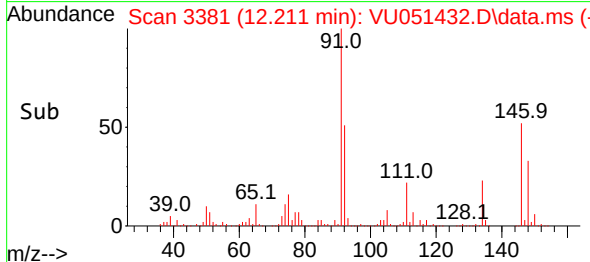
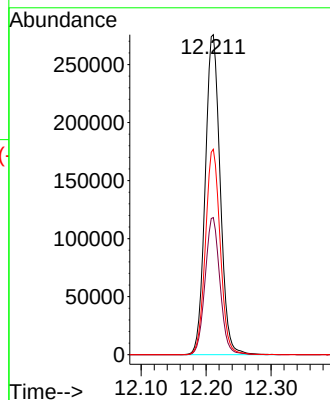
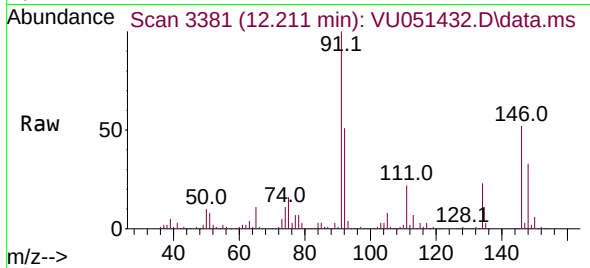




#85
1,2-Dichlorobenzene
Concen: 11.723 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

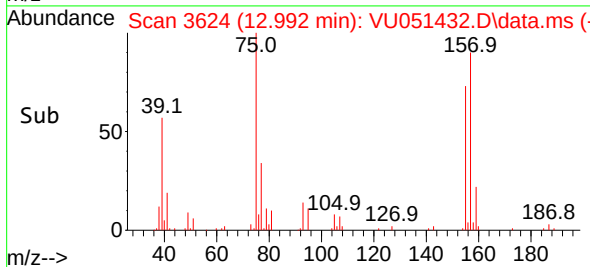
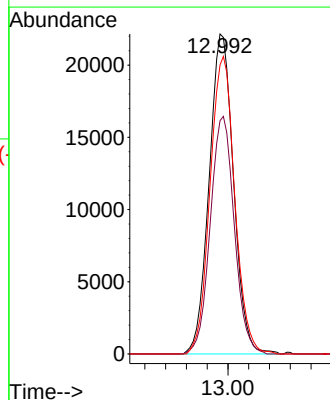
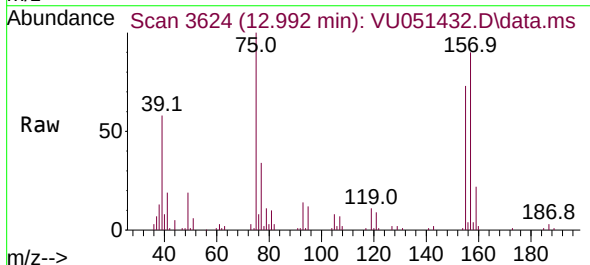
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

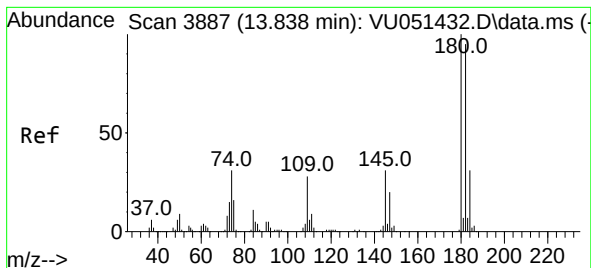
Tgt Ion:146 Resp: 441546
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 63.6 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.360 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion: 75 Resp: 36092
Ion Ratio Lower Upper
75 100
155 73.1 58.5 87.7
157 94.1 75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 11.814 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

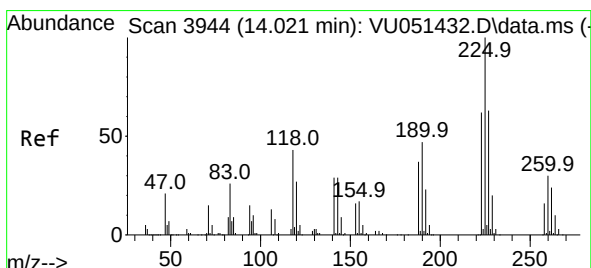
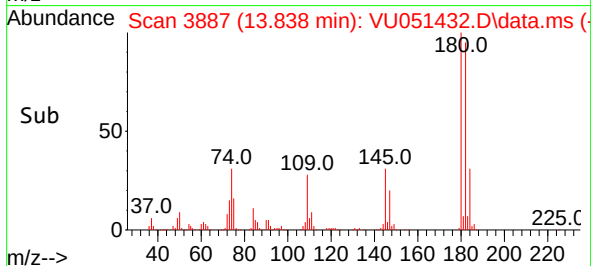
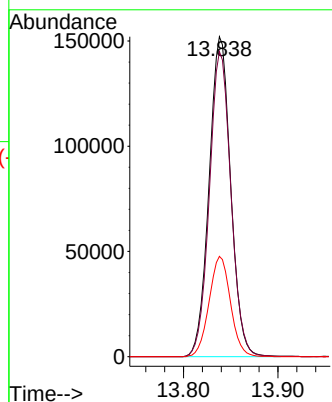
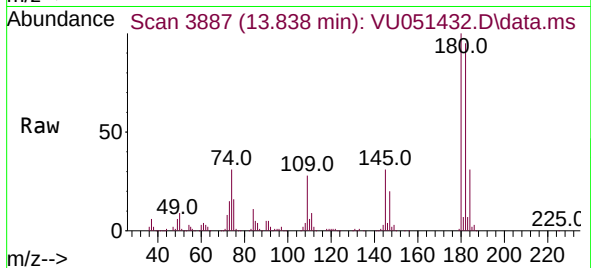
Tgt Ion:180 Resp: 241111

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.1 24.9 37.3



#88

Hexachlorobutadiene

Concen: 11.820 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU051432.D

Acq: 17 Oct 2022 16:34

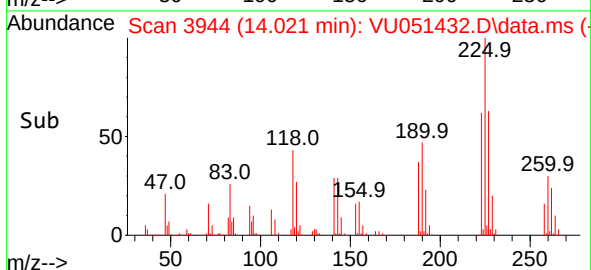
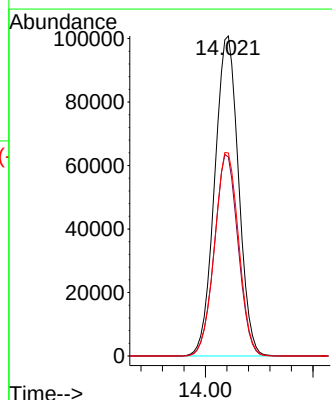
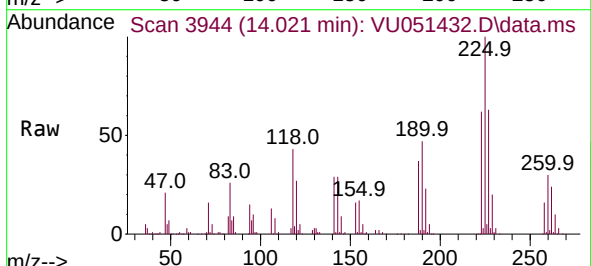
Tgt Ion:225 Resp: 155446

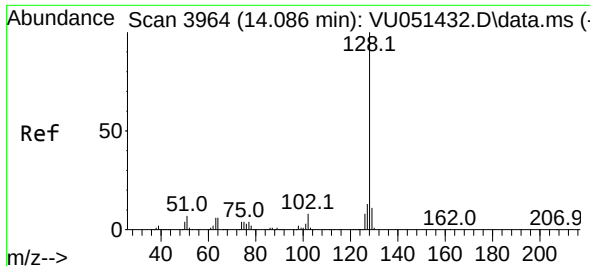
Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

227 64.3 51.4 77.2

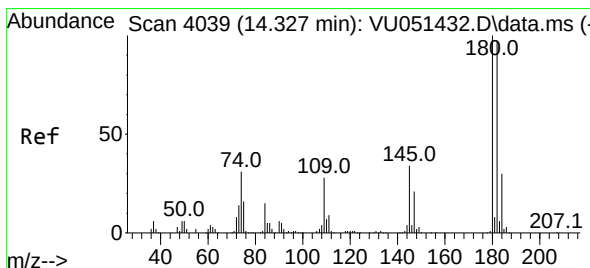
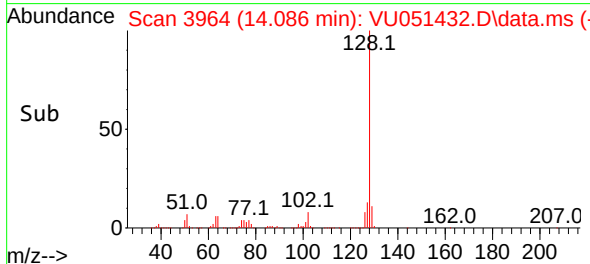
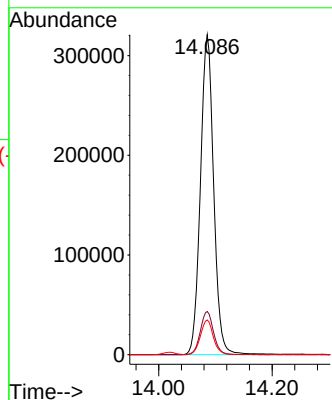
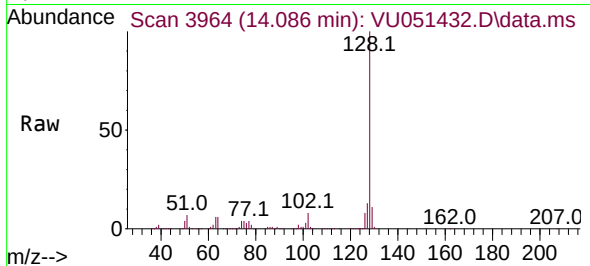




#89
Naphthalene
Concen: 13.650 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 520592
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.5 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 11.882 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051432.D
Acq: 17 Oct 2022 16:34

Tgt Ion:180 Resp: 259717
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 33.2 26.6 39.8

