

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050392.D
 Acq On : 22 Aug 2022 09:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 23 08:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:11:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	40752	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18240	1.315	ug/l	0.00
Spiked Amount 1.000			Recovery	=	131.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16142	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	158391	9.384	ug/l	99
3) Chloromethane	1.520	50	187511	9.134	ug/l	100
4) Vinyl Chloride	1.604	62	168954	9.630	ug/l	99
5) Bromomethane	1.851	94	60285	8.398	ug/l	99
6) Chloroethane	1.932	64	102056	9.618	ug/l	99
7) Trichlorofluoromethane	2.137	101	204006	9.319	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	114968	9.390	ug/l	97
9) 1,1-Dichloroethene	2.578	96	113973	9.496	ug/l	97
10) Iodomethane	2.719	142	82406	8.327	ug/l	96
11) Allyl Chloride	2.922	41	179654	9.711	ug/l	94
12) Acrylonitrile	3.317	53	68529	19.037	ug/l	# 95
13) Acetone	2.626	43	118660	47.133	ug/l	92
14) Carbon Disulfide	2.790	76	354311	9.530	ug/l	100
15) Methylene Chloride	3.044	84	139911	8.616	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	122525	9.878	ug/l	95
17) 1,1-Dichloroethane	3.864	63	234191	9.065	ug/l	99
18) 2-Butanone	4.719	43	170932	43.168	ug/l	100
19) Cyclohexane	5.385	56	148194	7.904	ug/l	86
20) Methylcyclohexane	6.761	83	173227	11.721	ug/l	99
21) 2,2-Dichloropropane	4.665	77	169289	8.621	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	135760	9.674	ug/l	97
23) Diethyl Ether	2.379	59	98934	9.596	ug/l	97
24) tert-Butyl Alcohol	3.195	59	103939	95.312	ug/l	100
25) Methyl tert-Butyl Ether	3.369	73	297383	9.328	ug/l	95
26) Bromochloromethane	4.973	128	61473	10.917	ug/l	95
27) Chloroform	5.089	83	239855	9.580	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	194626	9.110	ug/l	98
29) 1,1-Dichloropropene	5.523	75	164659	9.621	ug/l	99
30) Carbon Tetrachloride	5.520	117	167925	9.819	ug/l	97
31) Isopropyl Ether	4.002	45	319778	7.977	ug/l	91
32) Ethyl-t-butyl ether	4.514	59	222344	7.060	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	182734	8.901	ug/l	99
34) Propionitrile	4.787	54	59014	50.455	ug/l	# 98
35) Benzene	5.774	78	508731	10.113	ug/l	99
36) 1,2-Dichloroethane	5.796	62	148136	9.645	ug/l	99
37) Trichloroethene	6.542	130	120863	10.022	ug/l	99
38) 1,2-Dichloropropane	6.793	63	140780	10.426	ug/l	100
39) Methacrylonitrile	4.983	41	39796	8.292	ug/l	# 91
40) Methyl acrylate	4.854	55	61601	8.426	ug/l	98
41) Tetrahydrofuran	5.067	42	42301	17.603	ug/l	94
42) 1-Chlorobutane	5.456	56	228143	9.362	ug/l	96
43) Dibromomethane	6.919	93	73314	10.072	ug/l	98
44) Bromodichloromethane	7.108	83	181525	10.568	ug/l	97

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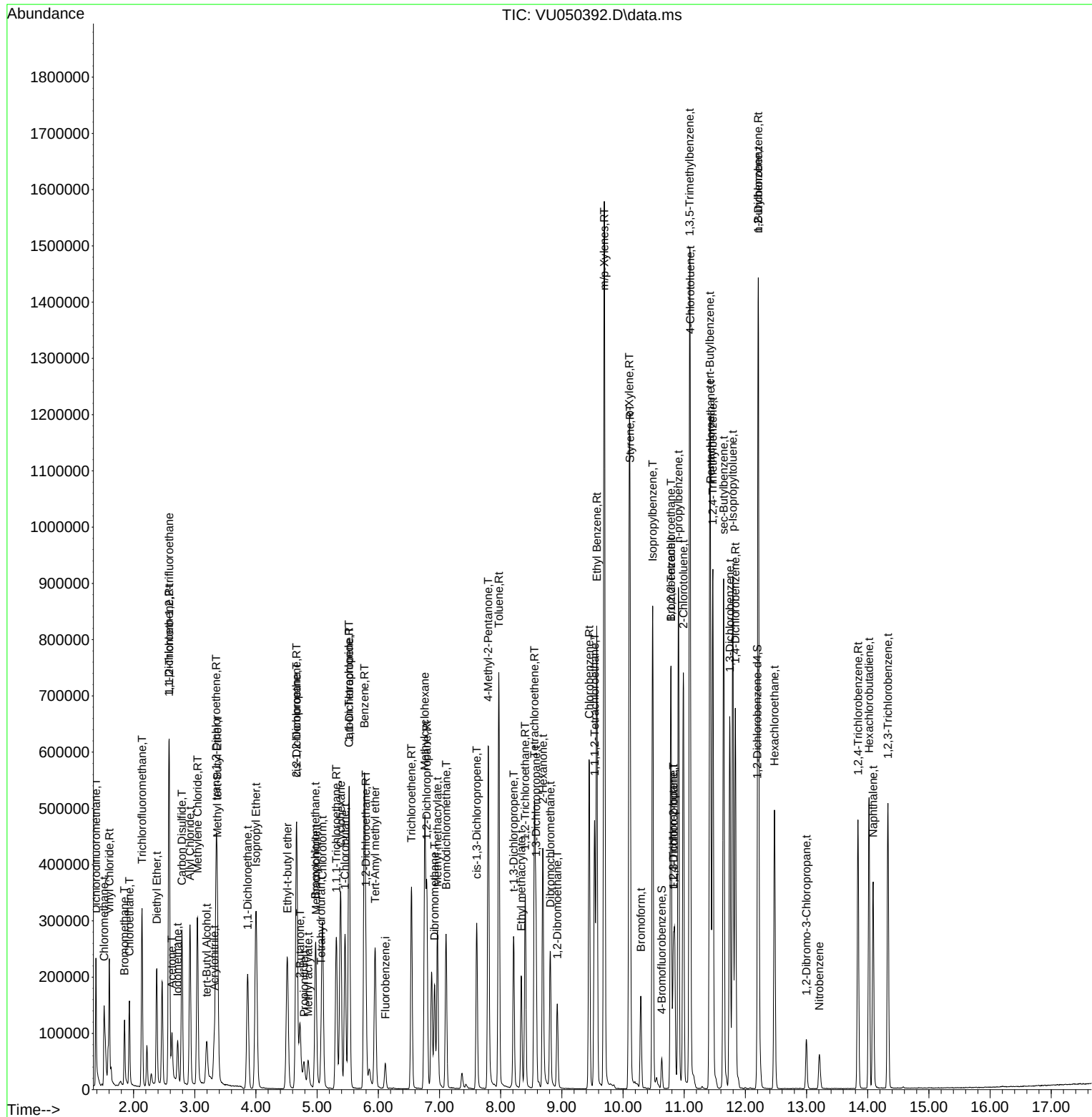
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	396735	54.300	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	163965	37.118	ug/l #	50
47) Methyl methacrylate	6.967	69	123440	18.188	ug/l	93
48) Ethyl methacrylate	8.337	69	108304	8.842	ug/l	94
49) Toluene	7.970	92	306702	11.347	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	154057	11.519	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	173132	11.308	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	106675	9.972	ug/l	99
53) 1,3-Dichloropropane	8.578	76	175488	10.417	ug/l	99
54) 2-Hexanone	8.690	43	274537	53.955	ug/l	98
55) Dibromochloromethane	8.812	129	126671	10.764	ug/l	99
56) 1,2-Dibromoethane	8.925	107	97302	10.127	ug/l	100
58) Tetrachloroethene	8.552	164	109107	9.614	ug/l	95
59) Chlorobenzene	9.449	112	319203	10.944	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	127826	10.427	ug/l	97
61) Pentachloroethane	11.430	117	110508	10.832	ug/l	96
62) Hexachloroethane	12.475	117	107682	12.689	ug/l	97
63) Ethyl Benzene	9.571	91	554172	9.425	ug/l	99
64) m/p-Xylenes	9.693	106	449884	19.247	ug/l	97
65) o-Xylene	10.102	106	207535	9.540	ug/l	97
66) Styrene	10.115	104	369872	9.544	ug/l	97
67) Bromoform	10.291	173	75011	11.224	ug/l	99
69) Isopropylbenzene	10.484	105	543440	9.458	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	146440	9.947	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	163965	14.810	ug/l	73
72) Bromobenzene	10.783	156	133794	10.625	ug/l	97
73) n-propylbenzene	10.906	120	148571	9.274	ug/l	98
74) 2-Chlorotoluene	10.986	126	136759	9.405	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	495257	9.626	ug/l	98
76) 4-Chlorotoluene	11.098	126	138485	9.143	ug/l	98
77) tert-Butylbenzene	11.420	119	464253	9.585	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	506453	9.426	ug/l	98
79) sec-Butylbenzene	11.645	105	622249	9.400	ug/l	99
80) Nitrobenzene	13.208	77	42649	53.399	ug/l	99
81) p-Isopropyltoluene	11.793	119	502999	9.311	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	275604	10.630	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	278646	10.810	ug/l	98
84) n-Butylbenzene	12.211	91	444086	9.003	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	270010	10.593	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	24807	10.678	ug/l	92
87) 1,2,4-Trichlorobenzene	13.841	180	150350	10.339	ug/l	99
88) Hexachlorobutadiene	14.021	225	95301	10.069	ug/l	100
89) Naphthalene	14.089	128	308149	8.024	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	156109	8.392	ug/l	99

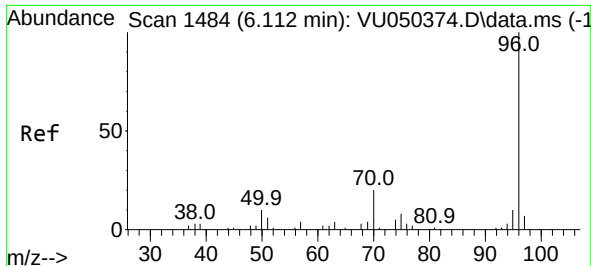
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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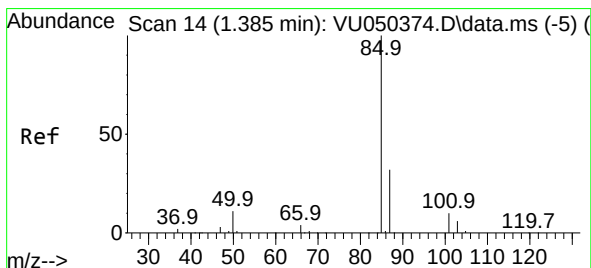
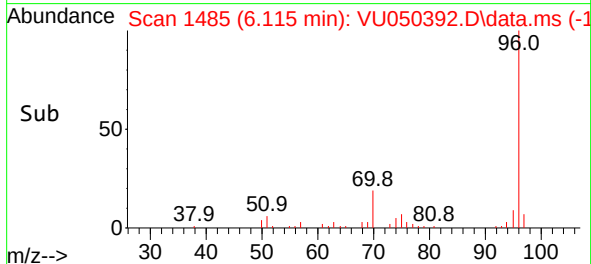
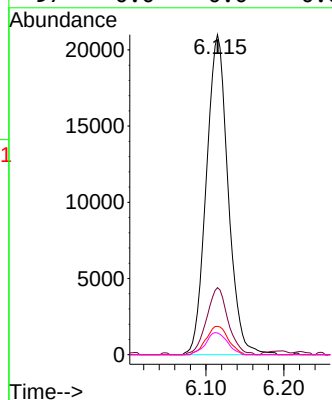
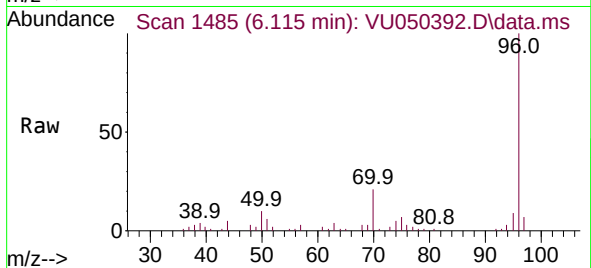




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050392.D
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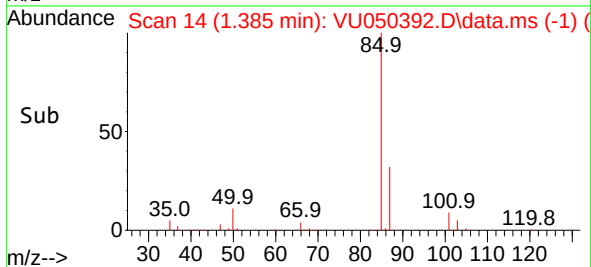
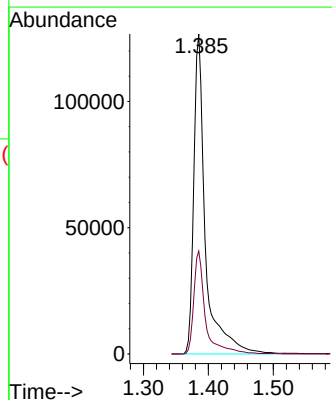
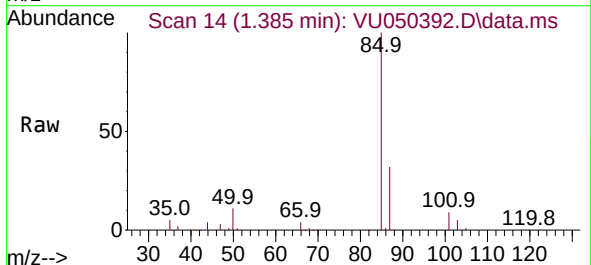
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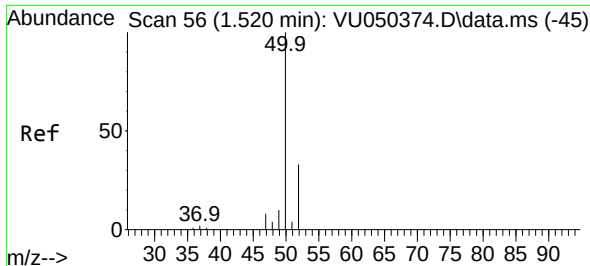
Tgt Ion: 96	Resp: 40752
Ion Ratio	Lower Upper
96 100	
70 20.7	16.7 25.1
95 9.1	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.384 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 85	Resp: 158391
Ion Ratio	Lower Upper
85 100	
87 32.1	16.3 48.8

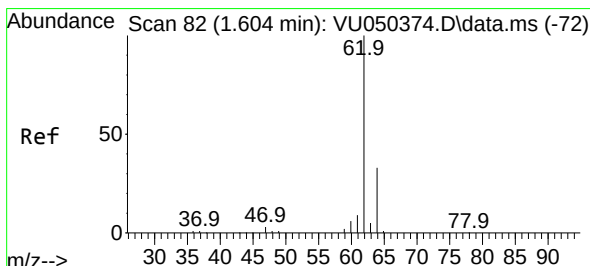
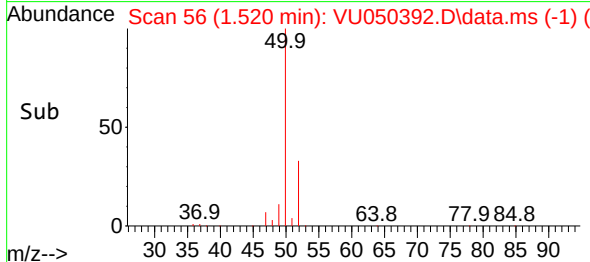
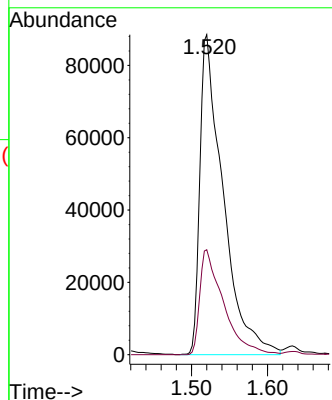
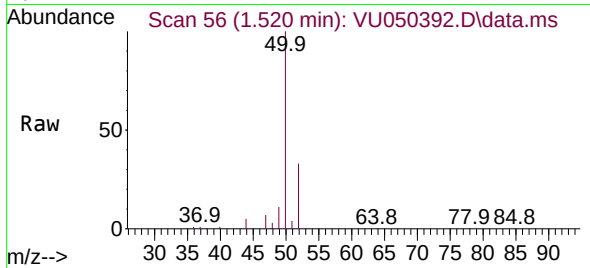




#3
Chloromethane
Concen: 9.134 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

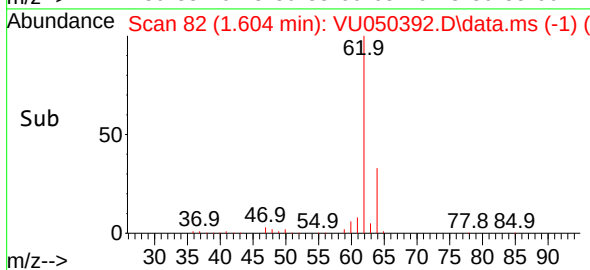
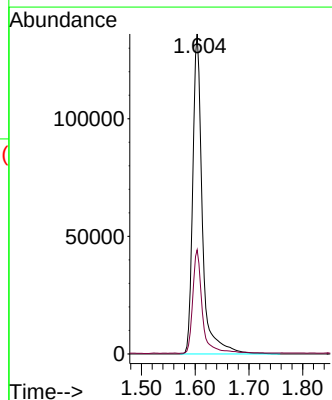
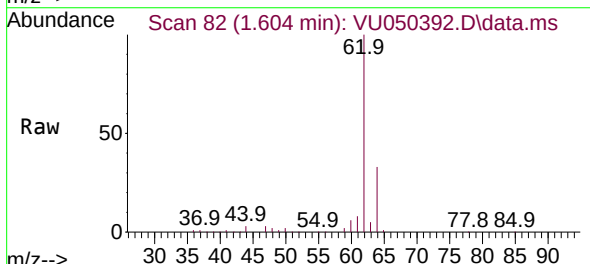
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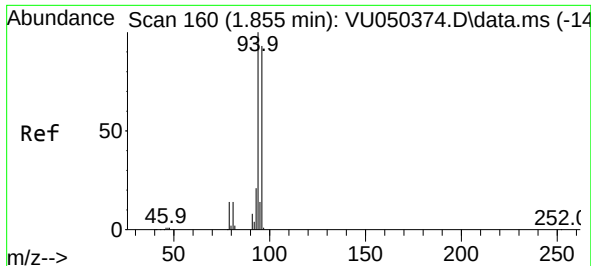
Tgt Ion: 50 Resp: 187511
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 9.630 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 168954
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3

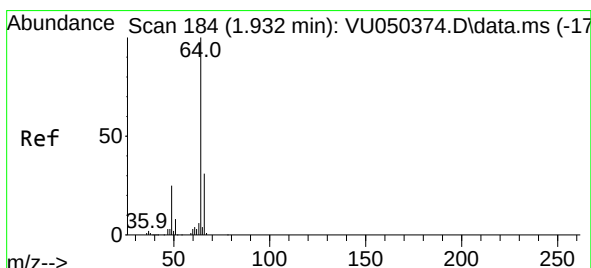
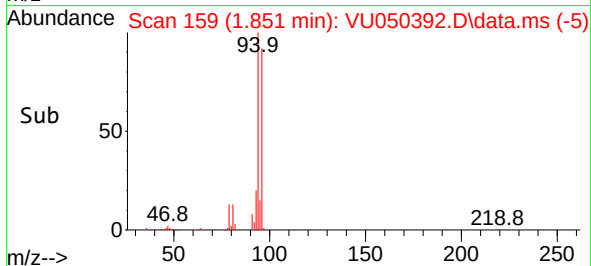
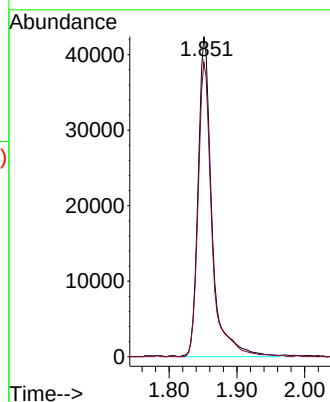
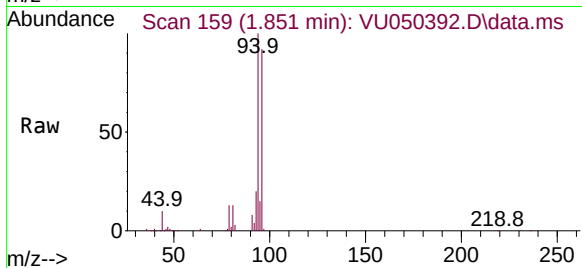




#5
Bromomethane
Concen: 8.398 ug/l
RT: 1.851 min Scan# 1
Delta R.T. -0.004 min
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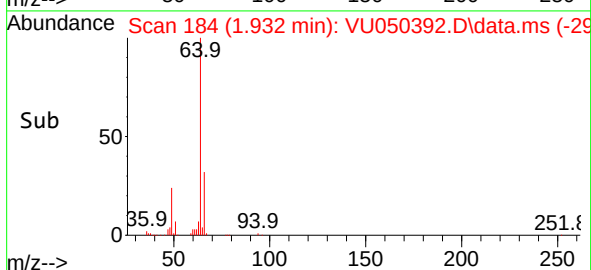
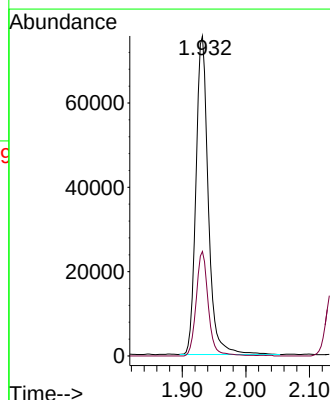
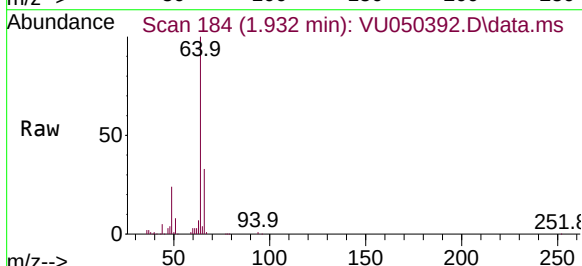
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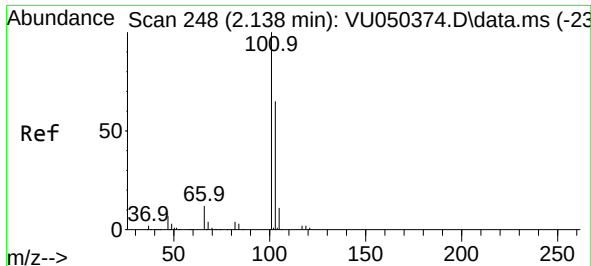
Tgt Ion: 94 Resp: 60285
Ion Ratio Lower Upper
94 100
96 92.1 73.0 109.6



#6
Chloroethane
Concen: 9.618 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 102056
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6

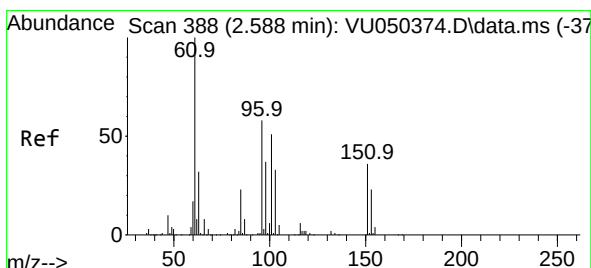
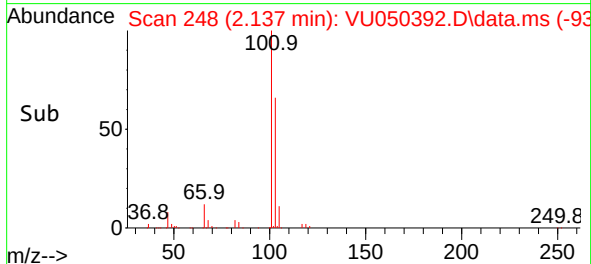
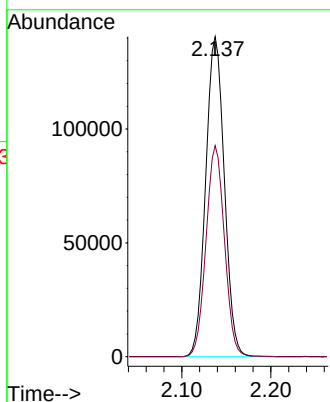
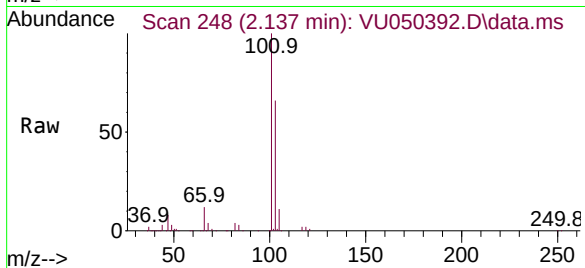




#7
 Trichlorofluoromethane
 Concen: 9.319 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.001 min
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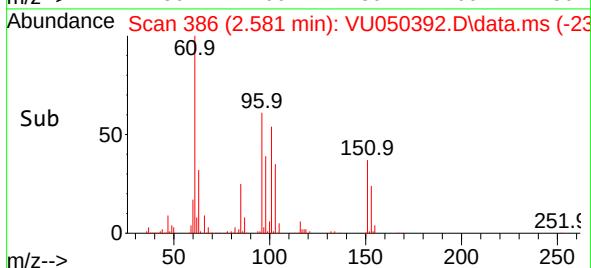
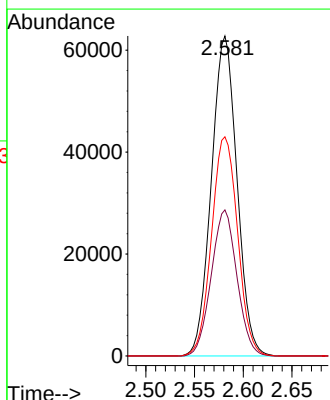
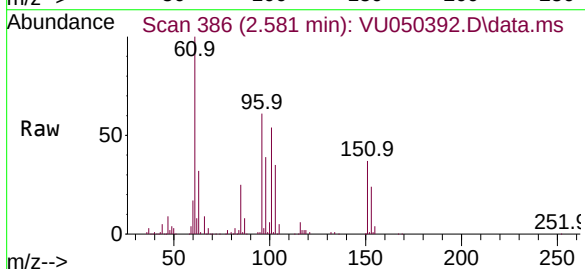
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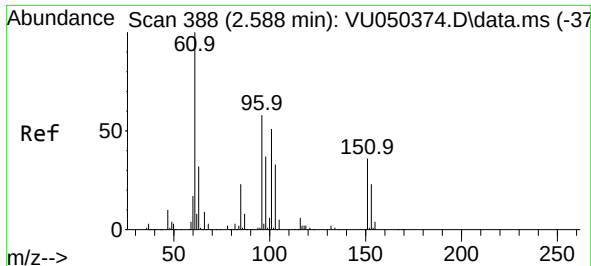
Tgt Ion:101 Resp: 204006
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.390 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
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Tgt Ion:101 Resp: 114968
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.4 54.6
 151 69.7 59.1 88.7

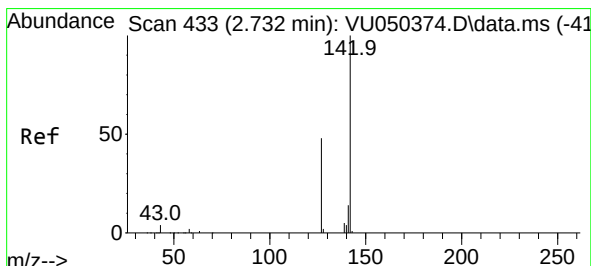
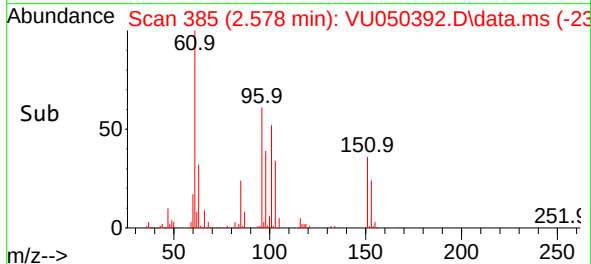
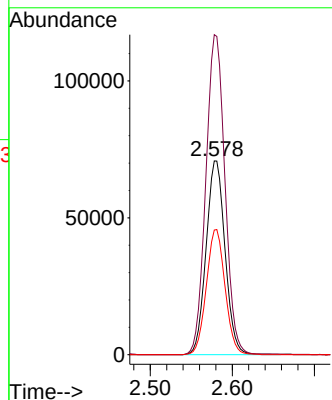
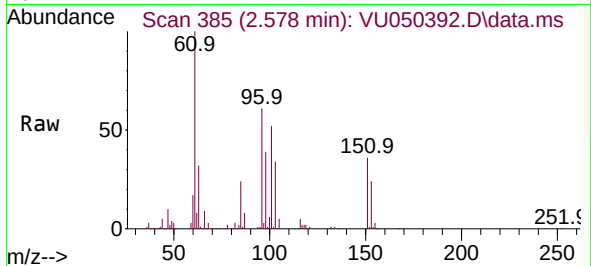




#9
1,1-Dichloroethene
Concen: 9.496 ug/l
RT: 2.578 min Scan# 388
Delta R.T. -0.010 min
Lab File: VU050392.D
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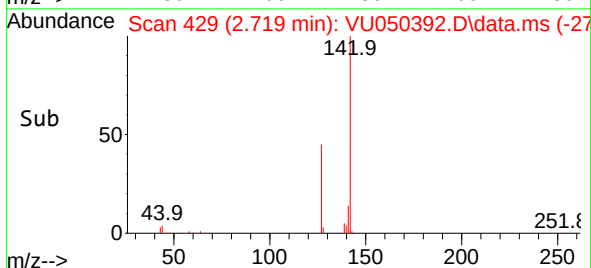
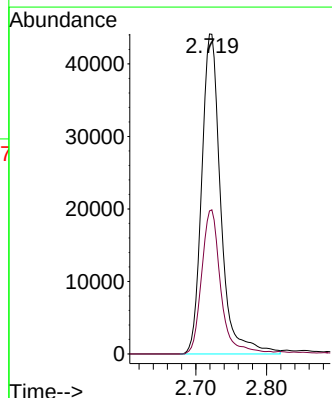
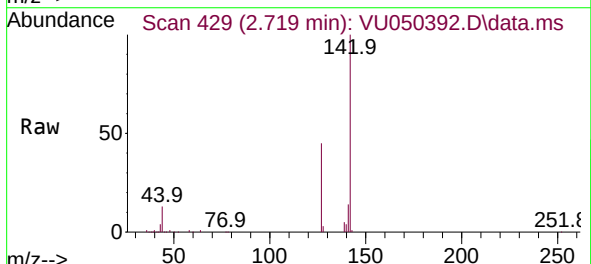
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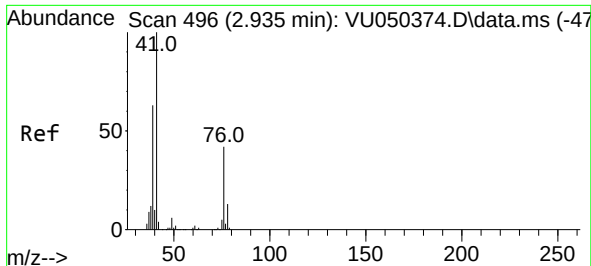
Tgt Ion: 96 Resp: 113973
Ion Ratio Lower Upper
96 100
61 165.1 0.0 510.6
98 64.3 0.0 124.6



#10
Iodomethane
Concen: 8.327 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 142 Resp: 82406
Ion Ratio Lower Upper
142 100
127 45.3 38.2 57.2

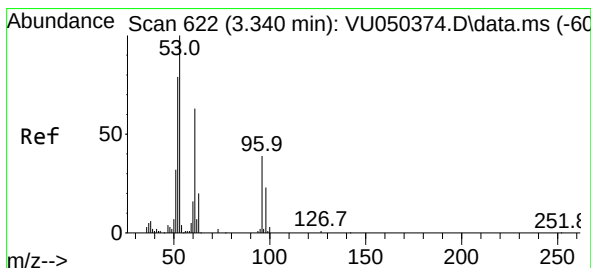
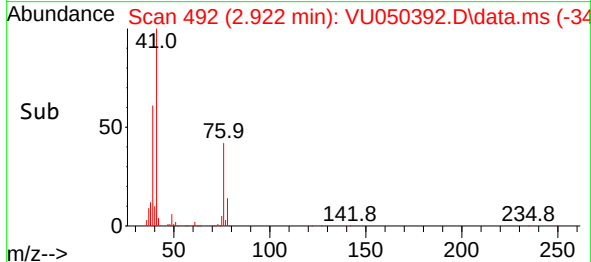
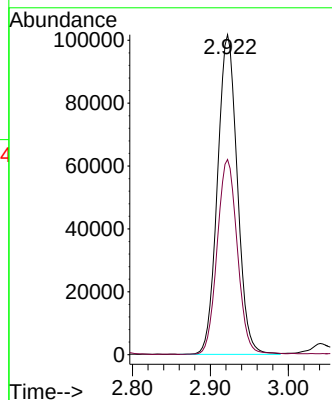
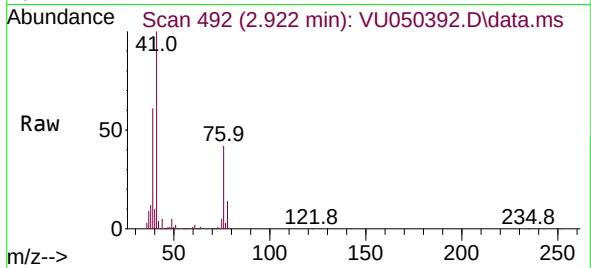




#11
 Allyl Chloride
 Concen: 9.711 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. -0.013 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

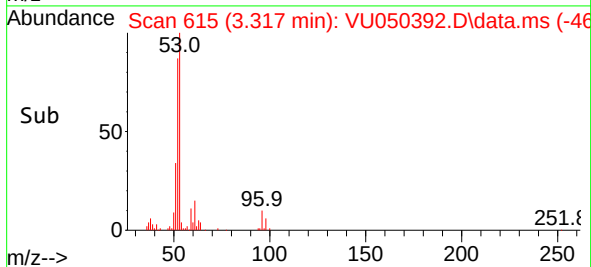
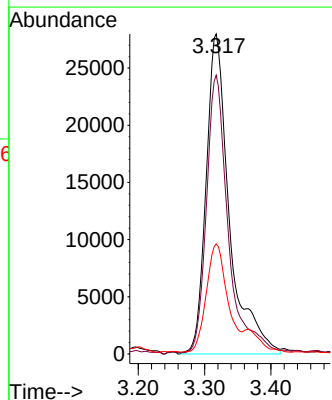
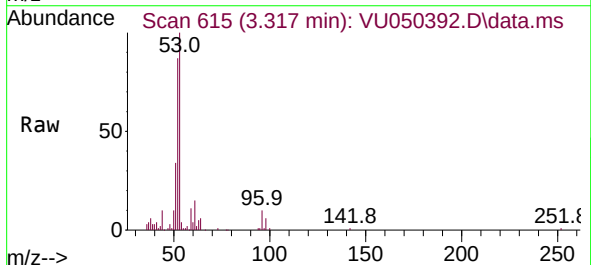
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

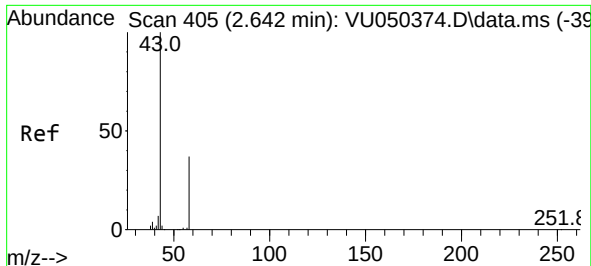
Tgt Ion: 41 Resp: 179654
 Ion Ratio Lower Upper
 41 100
 39 62.0 53.2 79.8



#12
 Acrylonitrile
 Concen: 19.037 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

Tgt Ion: 53 Resp: 68529
 Ion Ratio Lower Upper
 53 100
 52 80.4 64.6 97.0
 51 30.5 30.7 46.1#

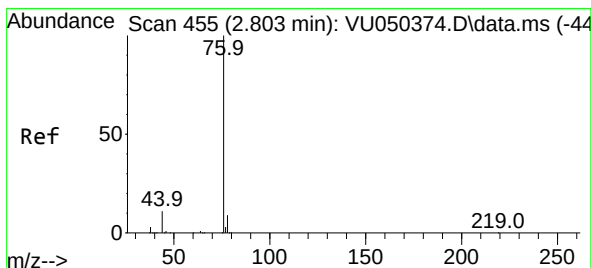
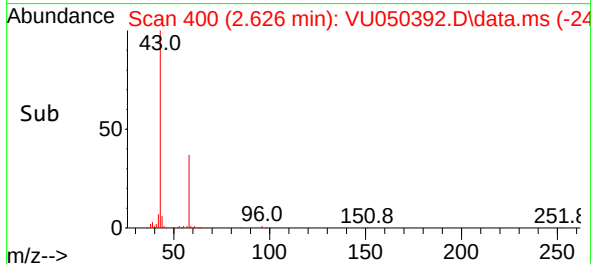
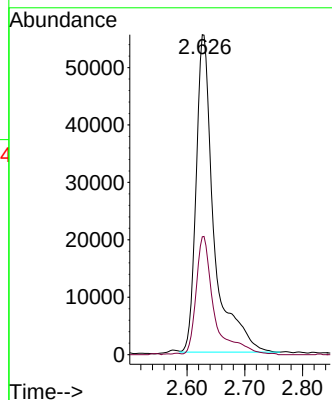
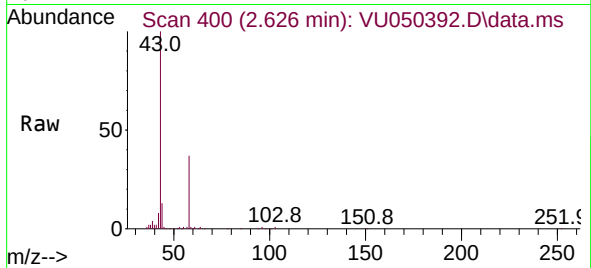




#13
Acetone
Concen: 47.133 ug/l
RT: 2.626 min Scan# 405
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

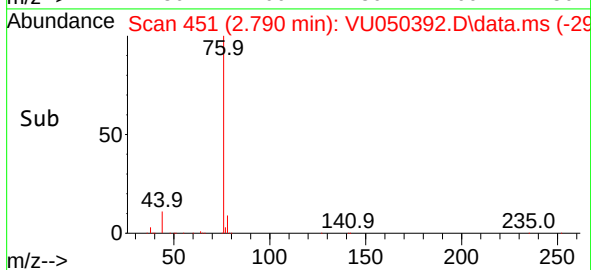
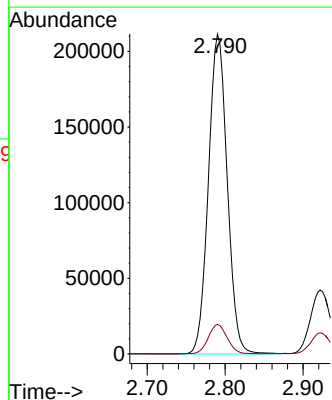
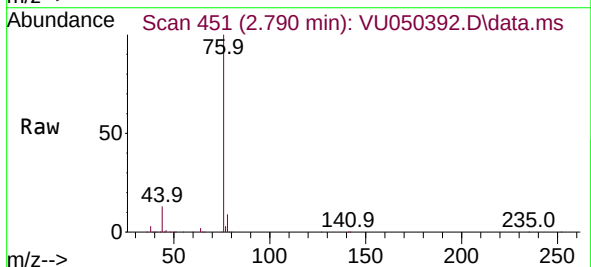
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

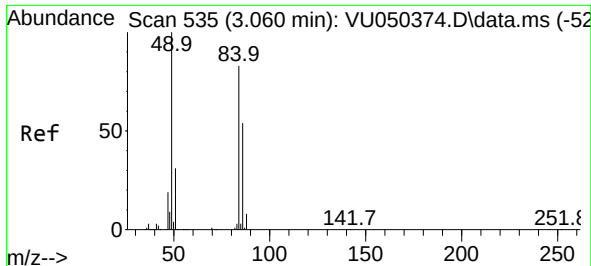
Tgt Ion: 43 Resp: 118660
Ion Ratio Lower Upper
43 100
58 37.2 26.2 39.2



#14
Carbon Disulfide
Concen: 9.530 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 76 Resp: 354311
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



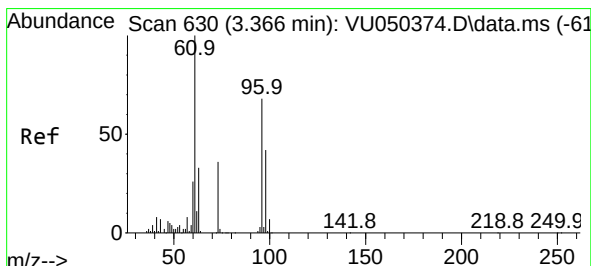
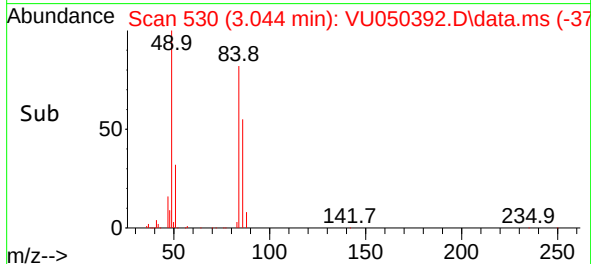
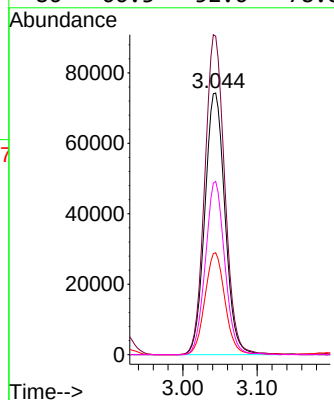
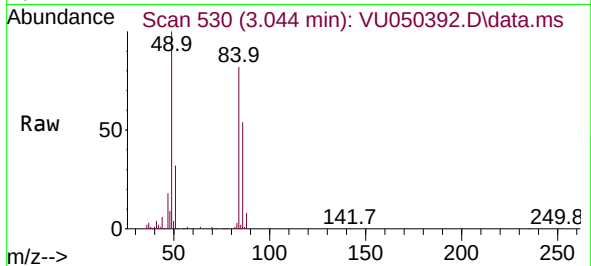


#15
Methylene Chloride
Concen: 8.616 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 84 Resp: 139911

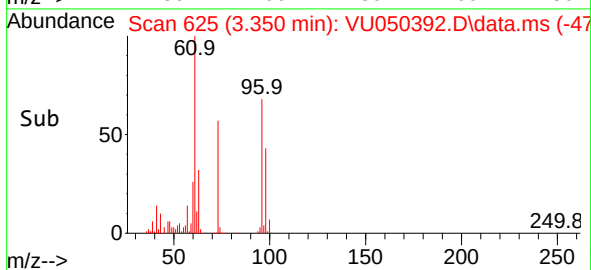
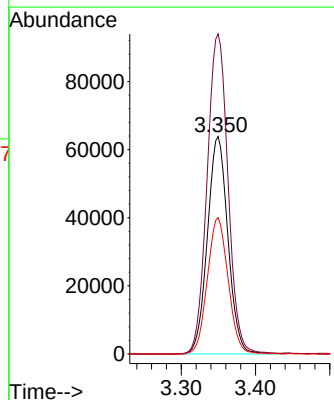
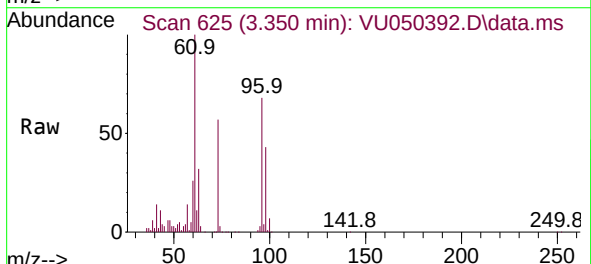
Ion	Ratio	Lower	Upper
84	100		
49	121.7	104.6	157.0
51	38.8	0.0	81.4
86	66.3	52.6	78.8

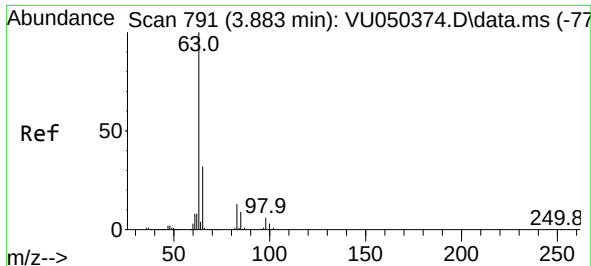


#16
trans-1,2-Dichloroethene
Concen: 9.878 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 96 Resp: 122525

Ion	Ratio	Lower	Upper
96	100		
61	147.0	123.4	185.0
98	62.7	51.6	77.4





#17

1,1-Dichloroethane

Concen: 9.065 ug/l

RT: 3.864 min Scan# 791

Delta R.T. -0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

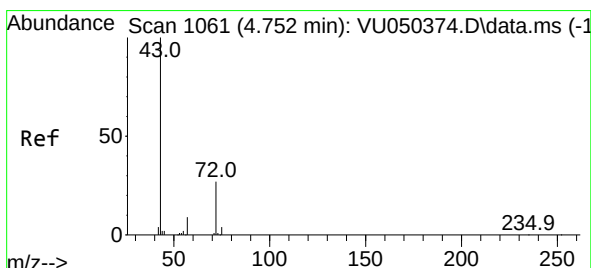
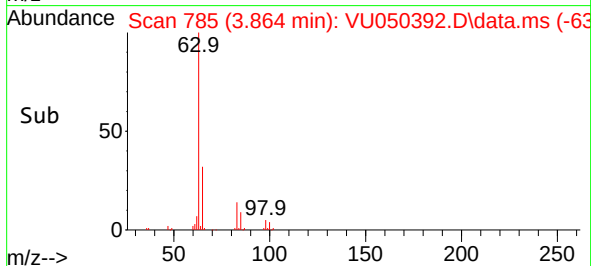
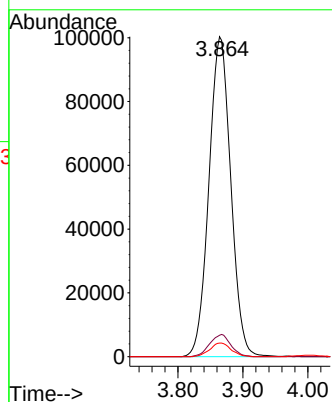
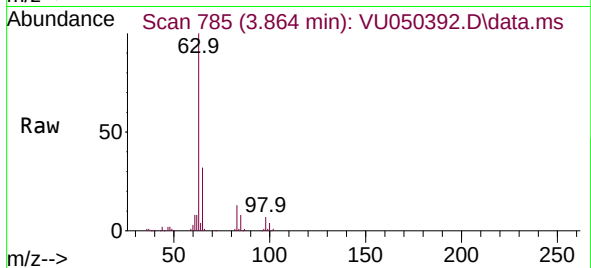
Tgt Ion: 63 Resp: 234191

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.3 2.0 6.0



#18

2-Butanone

Concen: 43.168 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. -0.033 min

Lab File: VU050392.D

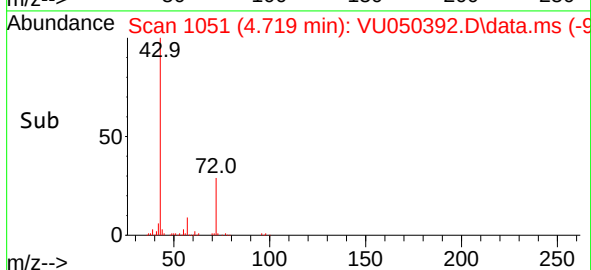
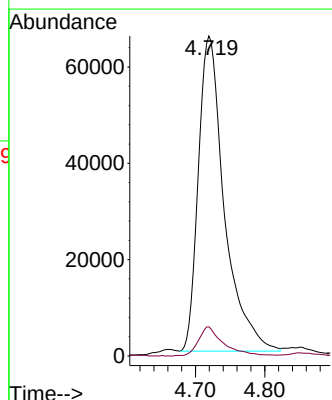
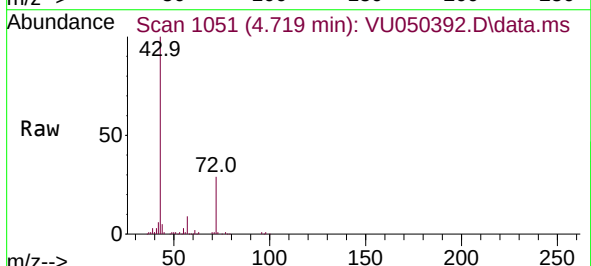
Acq: 22 Aug 2022 09:52

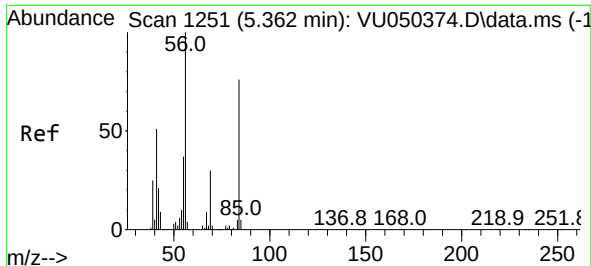
Tgt Ion: 43 Resp: 170932

Ion Ratio Lower Upper

43 100

57 9.1 0.0 18.0





#19

Cyclohexane

Concen: 7.904 ug/l

RT: 5.385 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

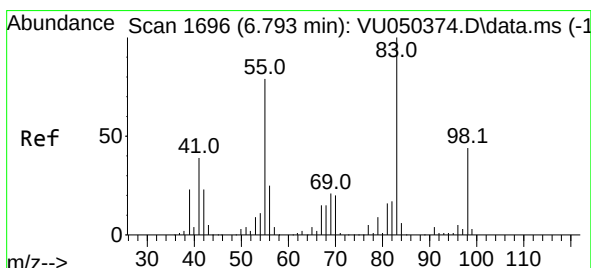
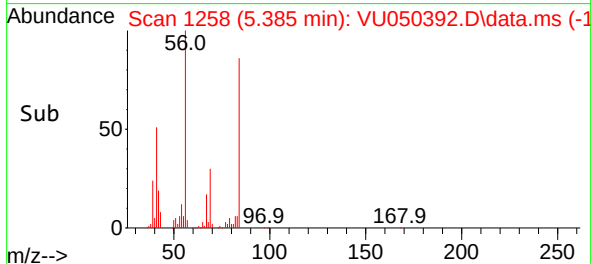
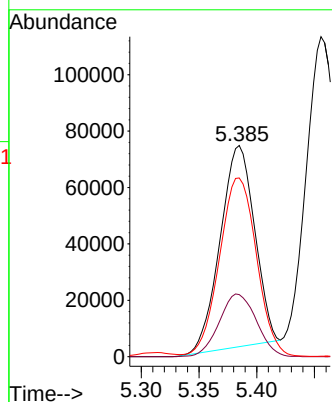
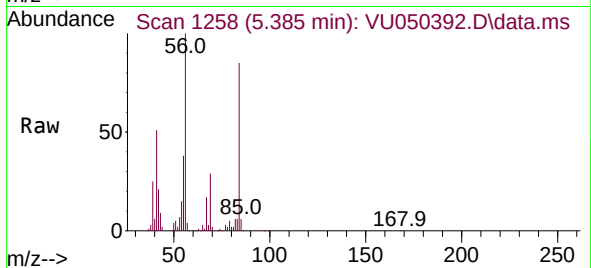
Tgt Ion: 56 Resp: 148194

Ion Ratio Lower Upper

56 100

69 33.6 24.2 36.4

84 94.1 63.4 95.2



#20

Methylcyclohexane

Concen: 11.721 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

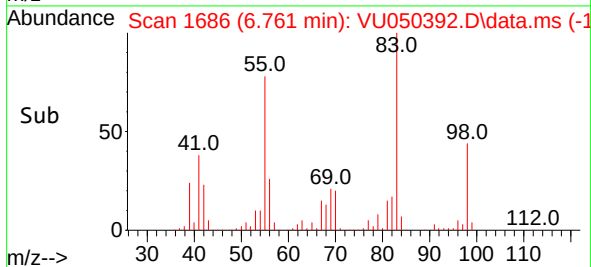
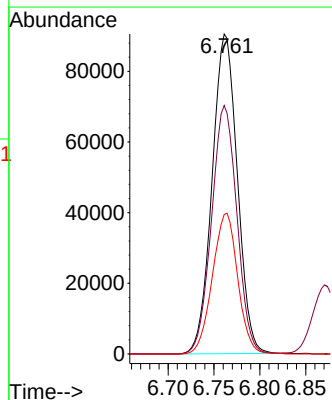
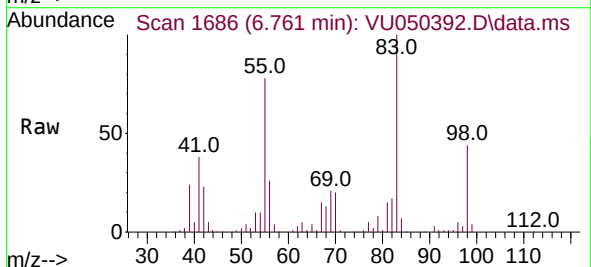
Tgt Ion: 83 Resp: 173227

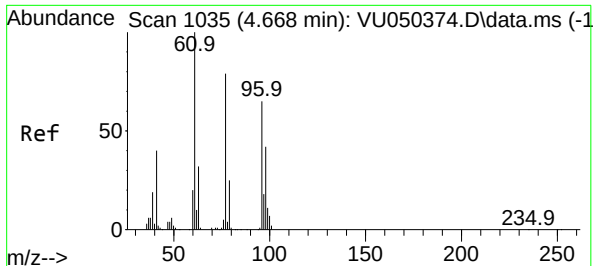
Ion Ratio Lower Upper

83 100

55 77.9 63.0 94.4

98 44.2 35.7 53.5





#21

2,2-Dichloropropane

Concen: 8.621 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

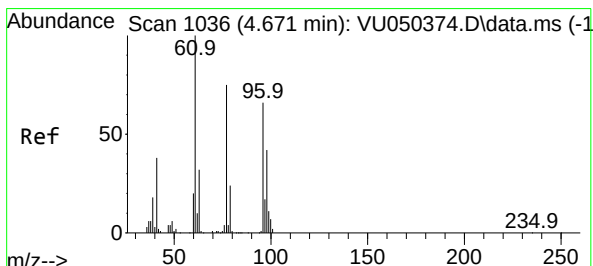
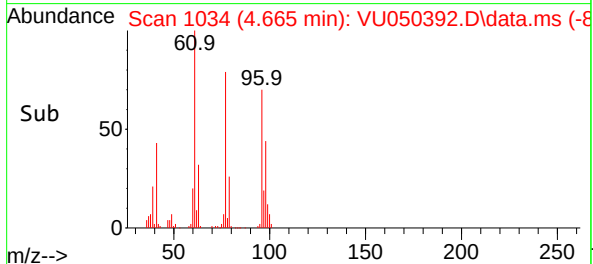
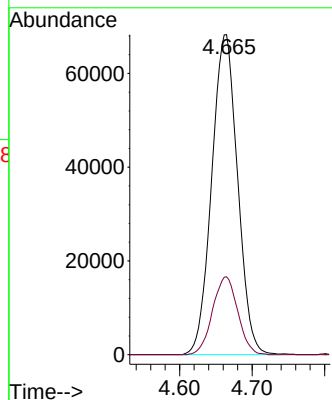
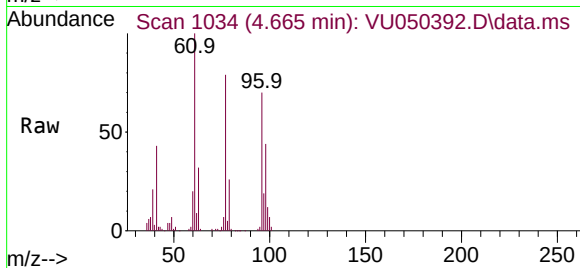
VSTDCCC010

Tgt Ion: 77 Resp: 169289

Ion Ratio Lower Upper

77 100

97 23.7 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 9.674 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

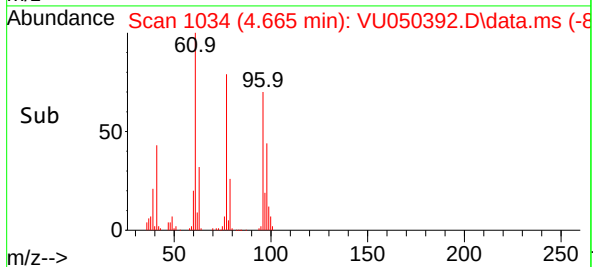
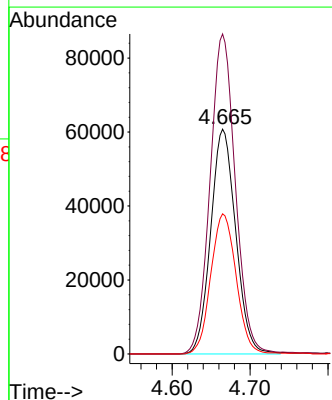
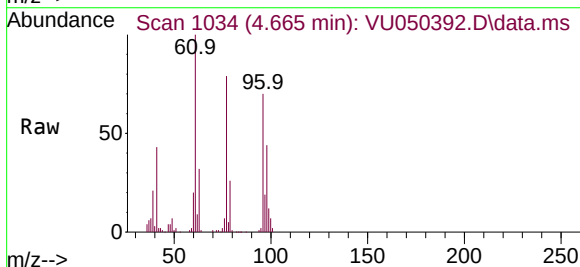
Tgt Ion: 96 Resp: 135760

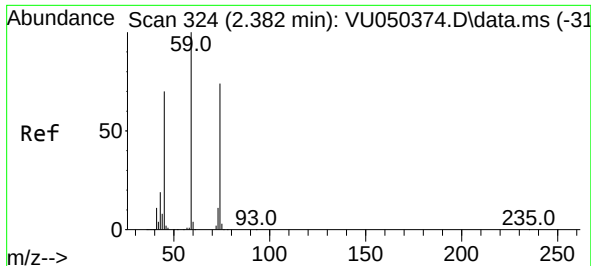
Ion Ratio Lower Upper

96 100

61 144.0 0.0 375.8

98 63.2 31.6 95.0

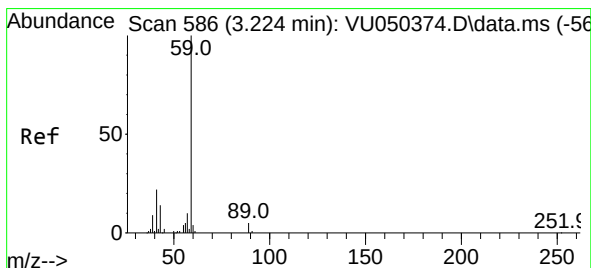
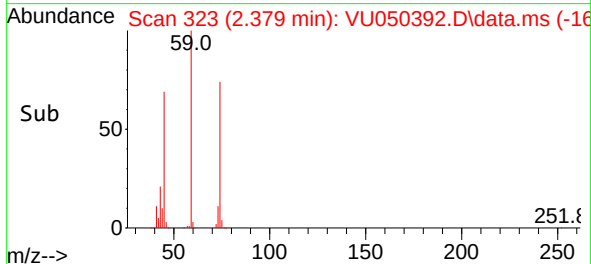
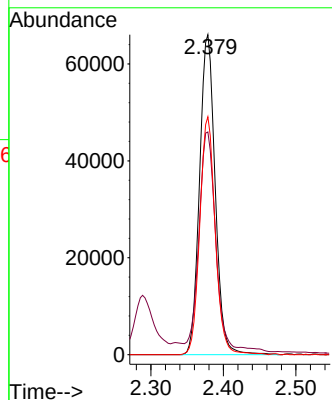
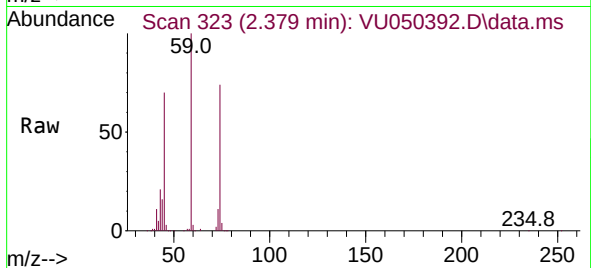




#23
Diethyl Ether
Concen: 9.596 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

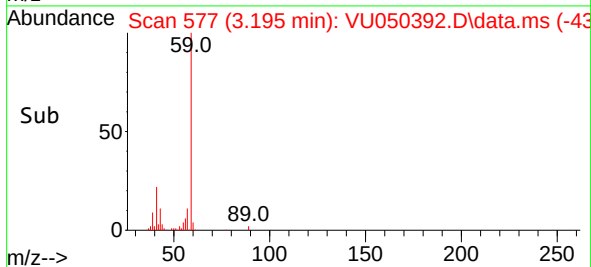
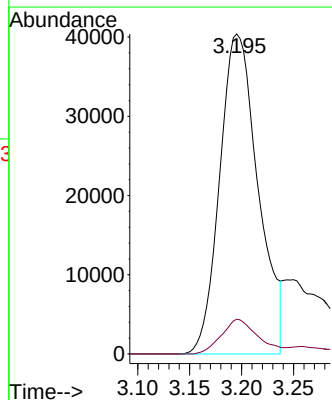
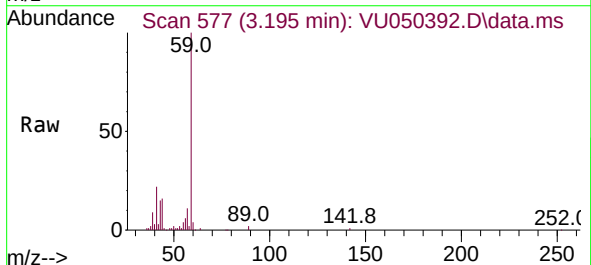
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

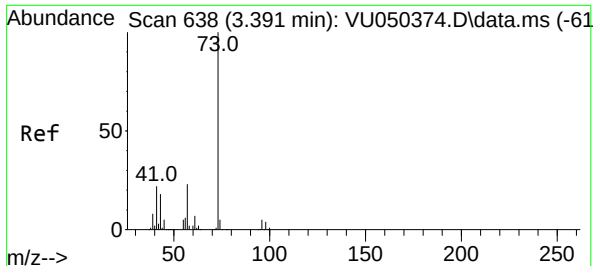
Tgt Ion: 59 Resp: 98934
Ion Ratio Lower Upper
59 100
45 74.0 56.0 84.0
74 73.5 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 95.312 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 59 Resp: 103939
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

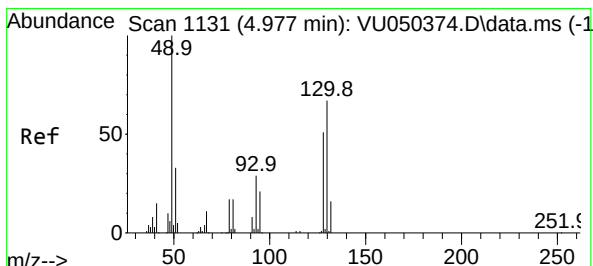
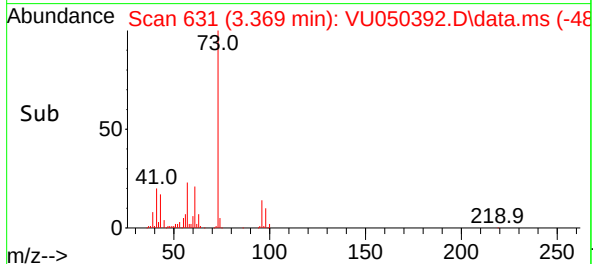
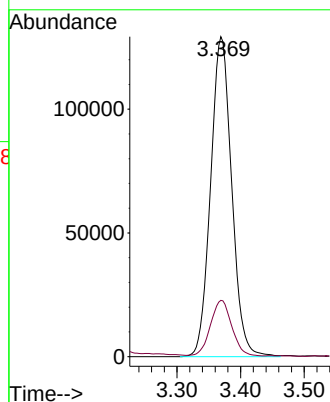
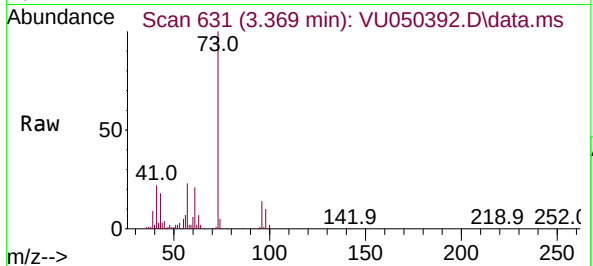




#25
Methyl tert-Butyl Ether
Concen: 9.328 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.022 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

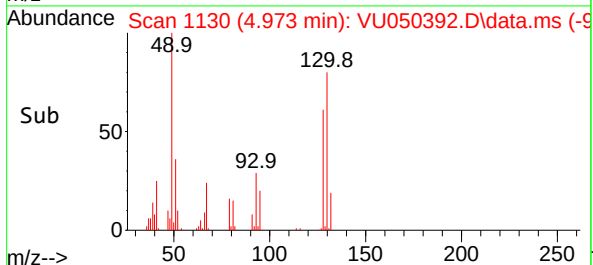
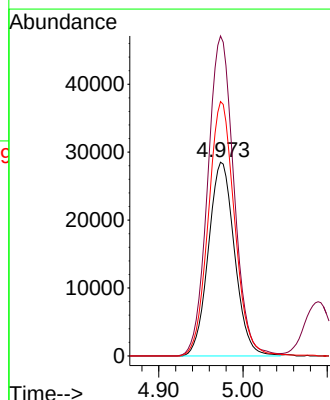
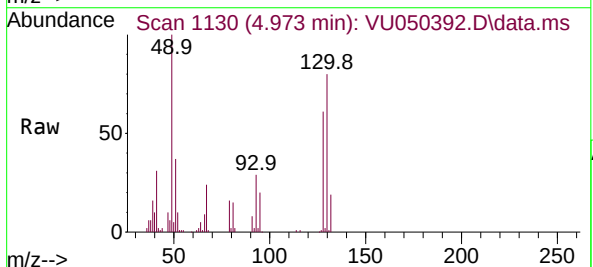
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

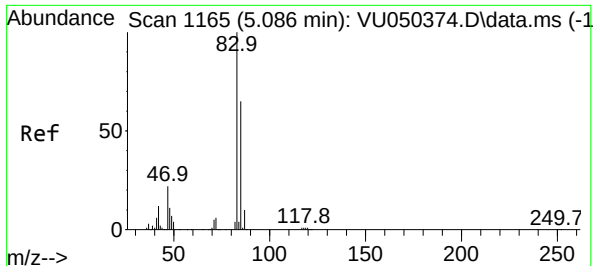
Tgt Ion: 73 Resp: 297383
Ion Ratio Lower Upper
73 100
43 17.5 15.9 23.9



#26
Bromochloromethane
Concen: 10.917 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 128 Resp: 61473
Ion Ratio Lower Upper
128 100
49 165.5 0.0 349.2
130 132.3 103.0 154.6





#27

Chloroform

Concen: 9.580 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

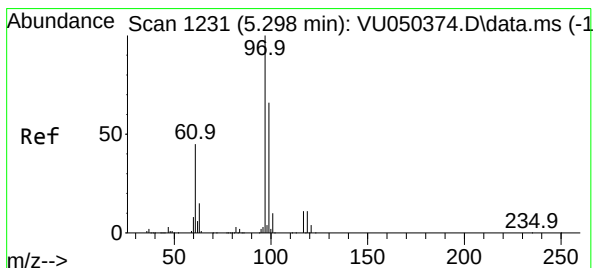
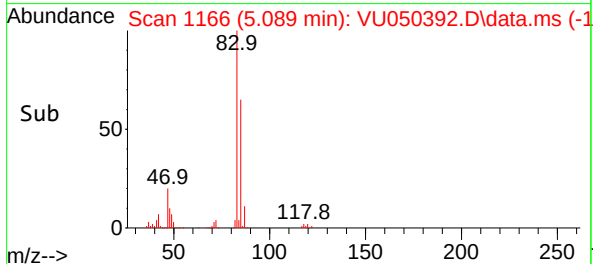
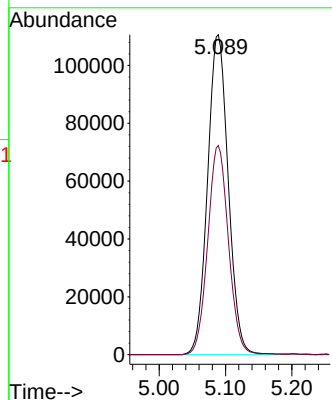
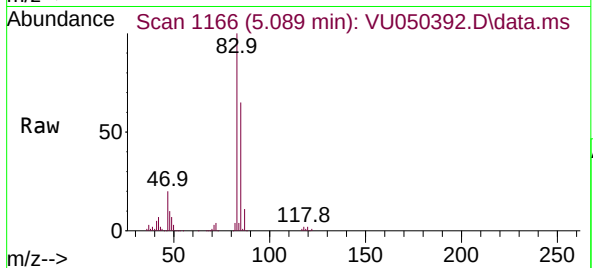
VSTDCCC010

Tgt Ion: 83 Resp: 239855

Ion Ratio Lower Upper

83 100

85 65.3 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 9.110 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

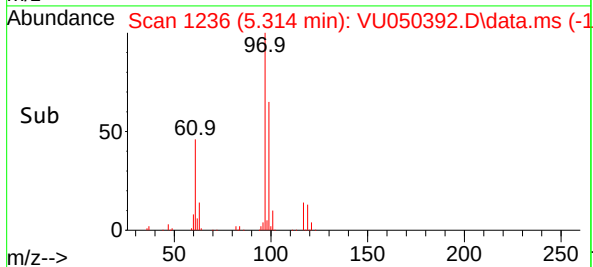
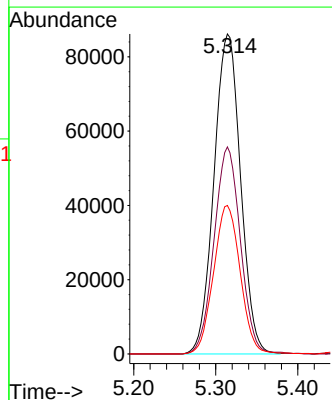
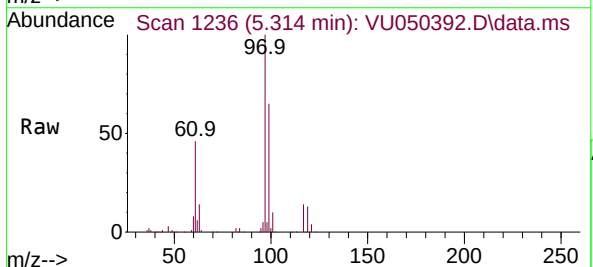
Tgt Ion: 97 Resp: 194626

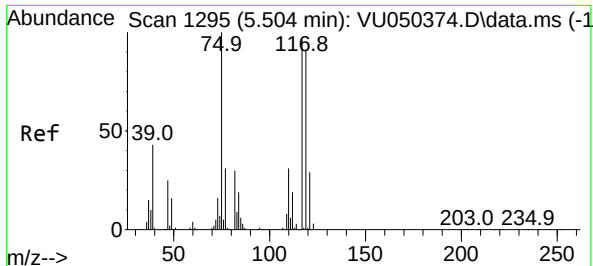
Ion Ratio Lower Upper

97 100

99 63.9 32.1 96.5

61 46.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.621 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

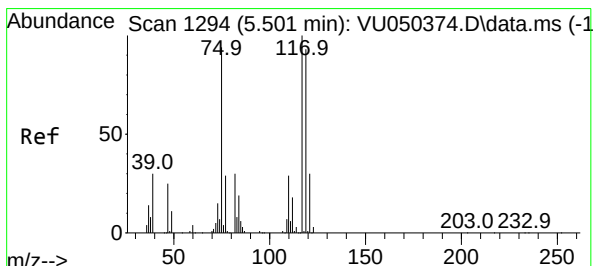
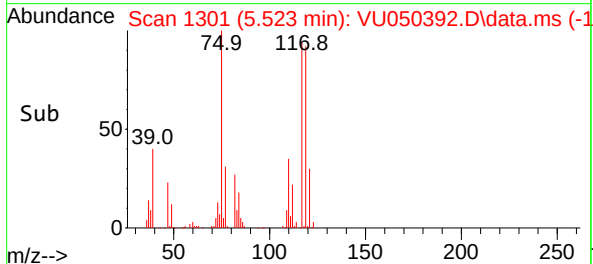
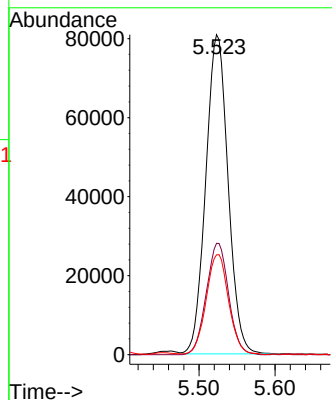
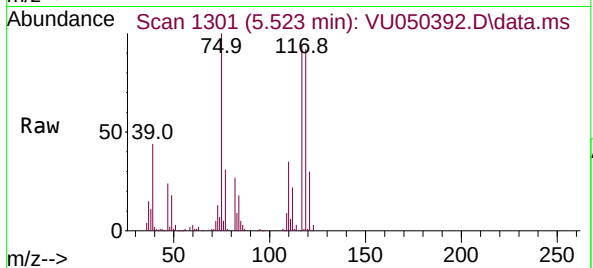
Tgt Ion: 75 Resp: 164659

Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

77 31.8 24.6 37.0



#30

Carbon Tetrachloride

Concen: 9.819 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

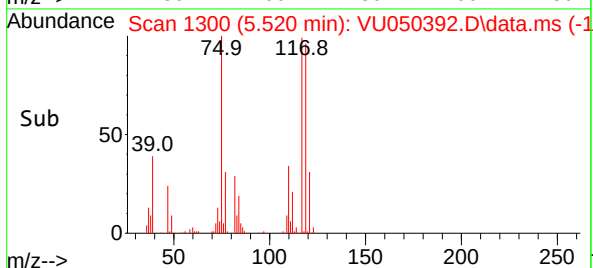
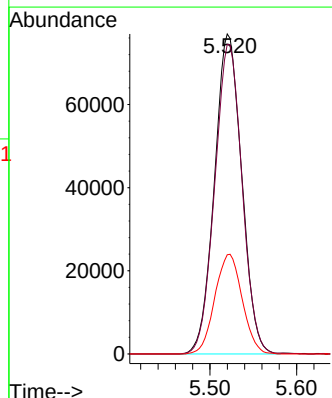
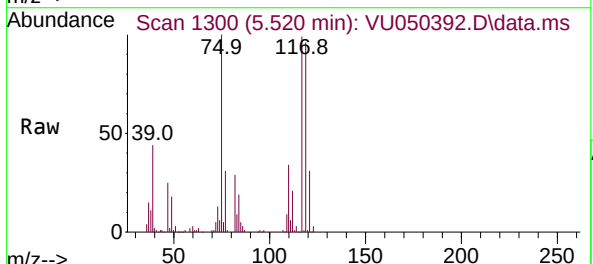
Tgt Ion: 117 Resp: 167925

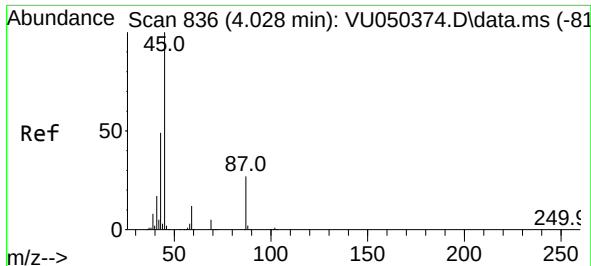
Ion Ratio Lower Upper

117 100

119 96.8 74.6 112.0

121 31.0 24.2 36.4

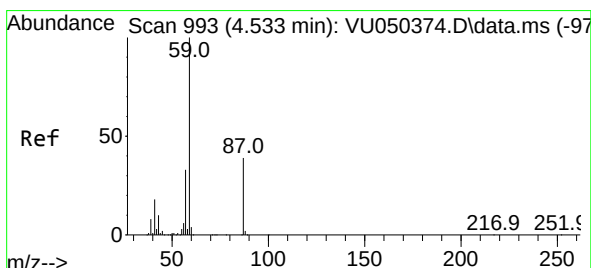
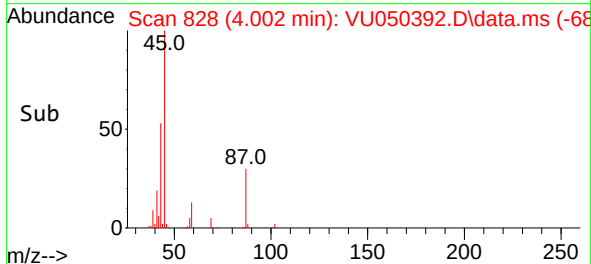
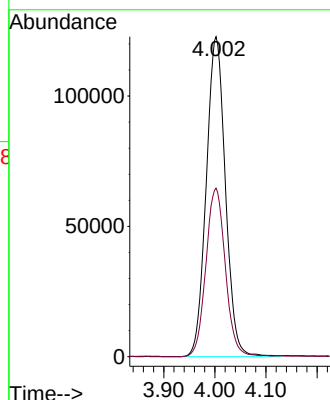
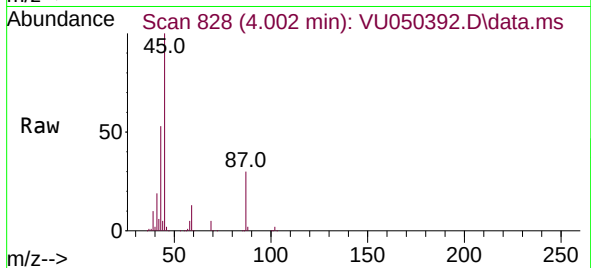




#31
Isopropyl Ether
Concen: 7.977 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.026 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

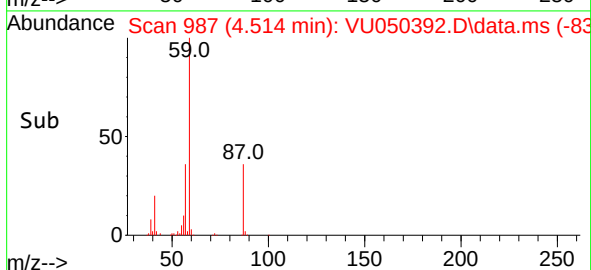
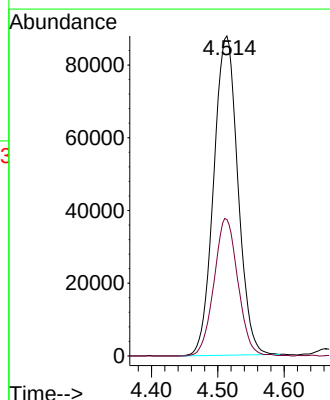
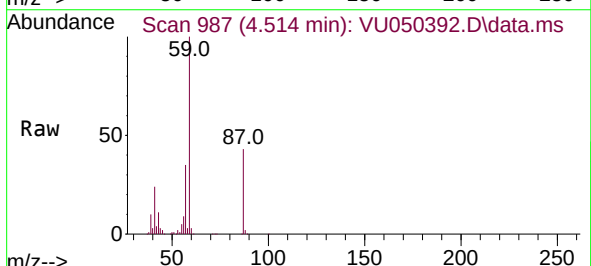
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

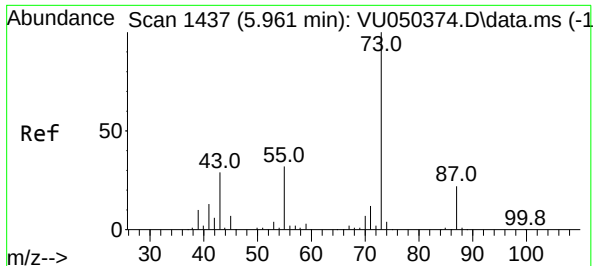
Tgt Ion: 45 Resp: 319778
Ion Ratio Lower Upper
45 100
43 53.4 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 7.060 ug/l
RT: 4.514 min Scan# 987
Delta R.T. -0.019 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 59 Resp: 222344
Ion Ratio Lower Upper
59 100
87 42.4 32.5 48.7

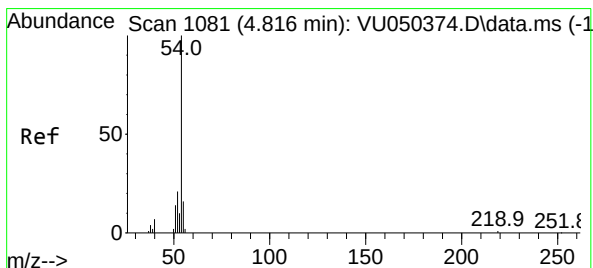
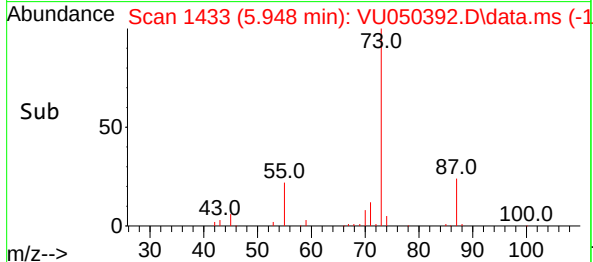
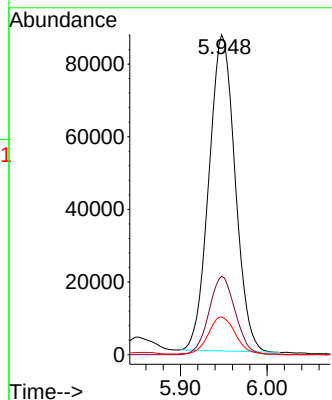
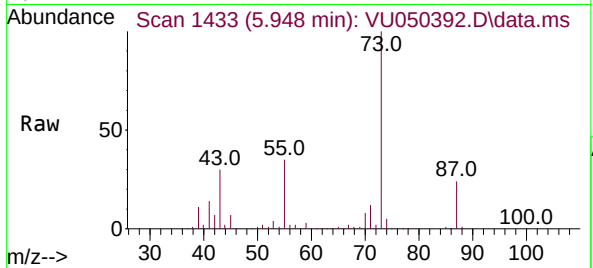




#33
Tert-Amyl methyl ether
Concen: 8.901 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.013 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

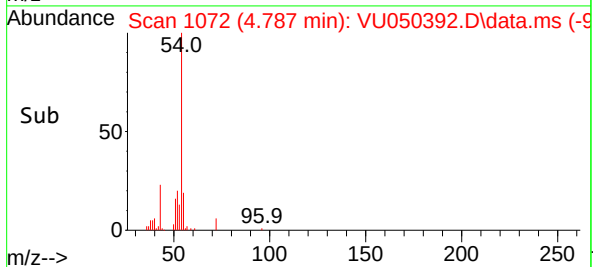
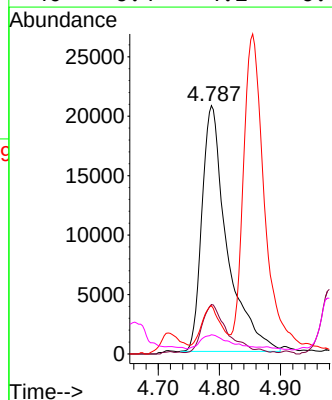
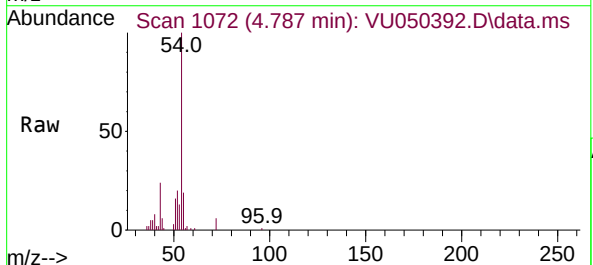
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

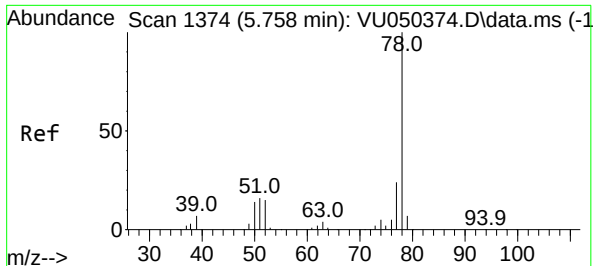
Tgt Ion: 73 Resp: 182734
Ion Ratio Lower Upper
73 100
87 25.0 19.7 29.5
71 12.0 9.0 13.4



#34
Propionitrile
Concen: 50.455 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 54 Resp: 59014
Ion Ratio Lower Upper
54 100
52 19.0 15.0 22.6
55 14.1 12.6 19.0
40 6.4 4.2 6.4

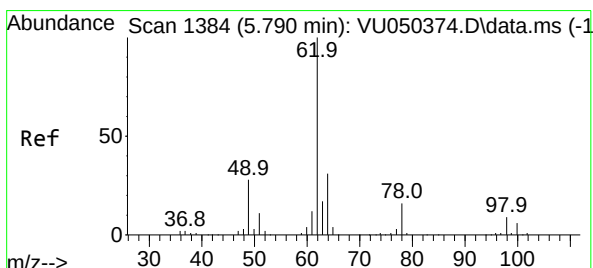
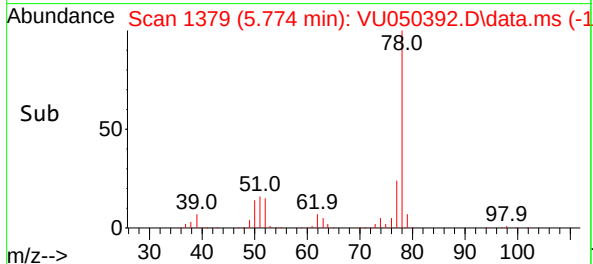
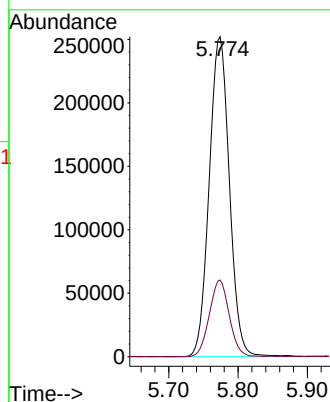
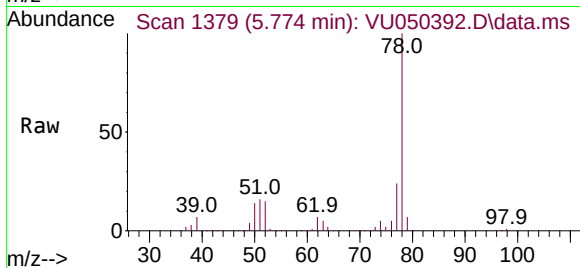




#35
Benzene
Concen: 10.113 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

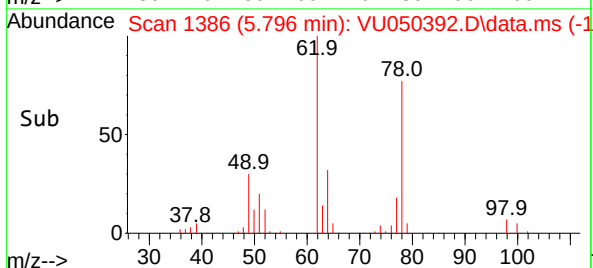
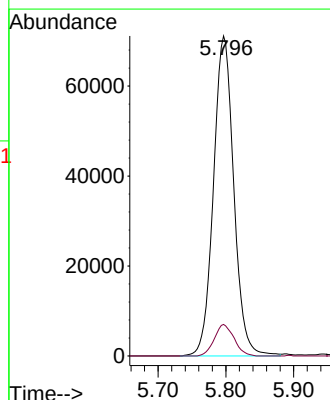
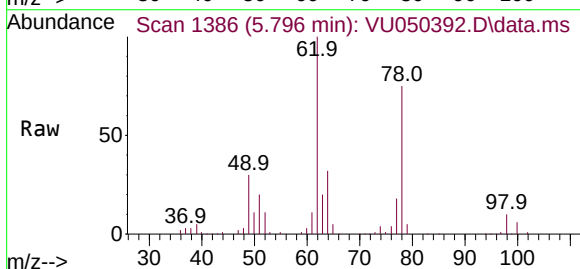
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

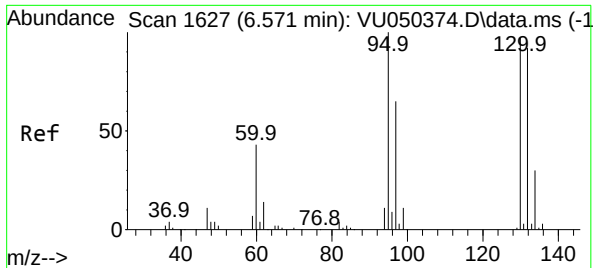
Tgt Ion: 78 Resp: 508731
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0



#36
1,2-Dichloroethane
Concen: 9.645 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 62 Resp: 148136
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#37

Trichloroethene

Concen: 10.022 ug/l

RT: 6.542 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

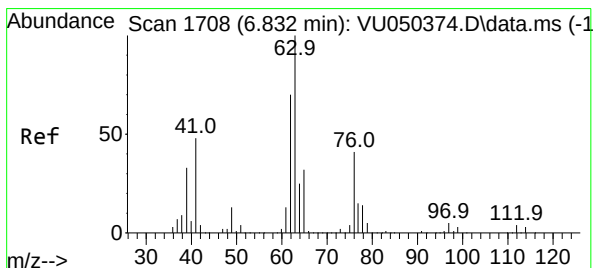
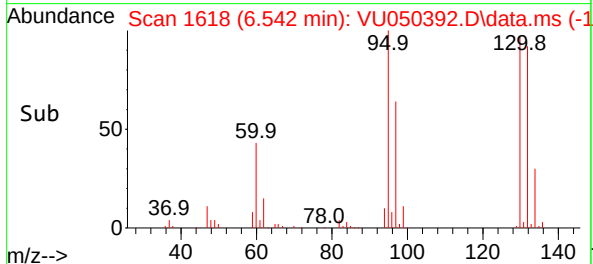
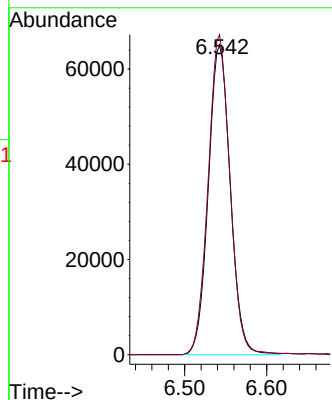
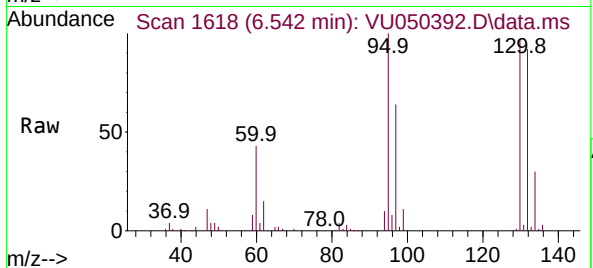
VSTDCCC010

Tgt Ion:130 Resp: 120863

Ion Ratio Lower Upper

130 100

95 103.3 83.8 125.8



#38

1,2-Dichloropropane

Concen: 10.426 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.039 min

Lab File: VU050392.D

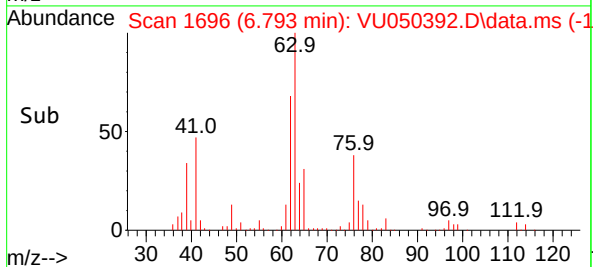
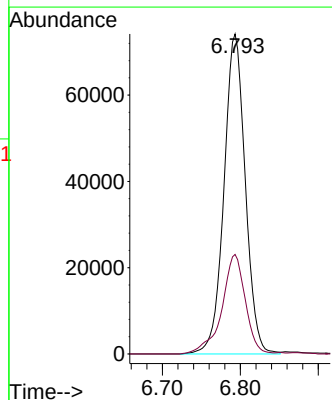
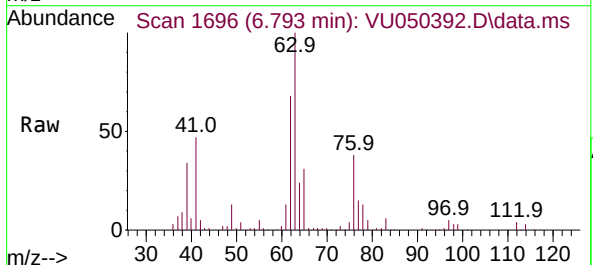
Acq: 22 Aug 2022 09:52

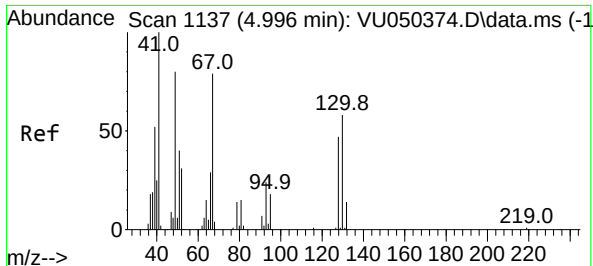
Tgt Ion: 63 Resp: 140780

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4





#39

Methacrylonitrile

Concen: 8.292 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. -0.013 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 39796

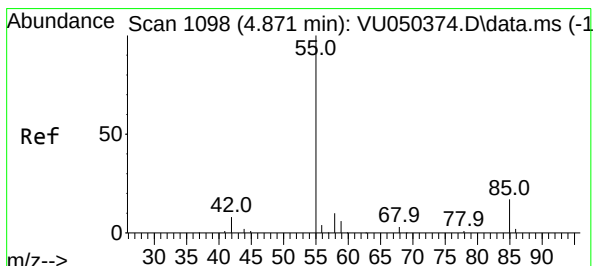
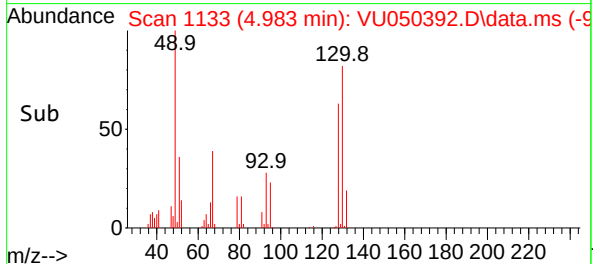
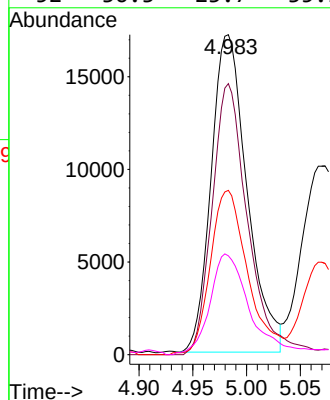
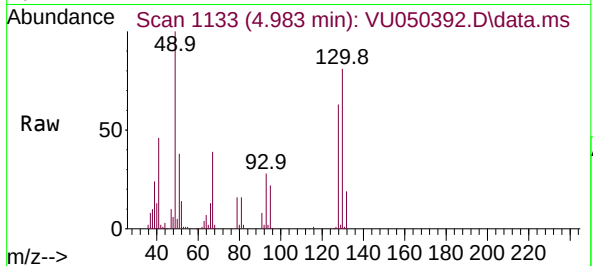
Ion Ratio Lower Upper

41 100

67 85.2 59.4 89.0

39 53.9 42.2 63.2

52 36.3 23.7 35.5#



#40

Methyl acrylate

Concen: 8.426 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. -0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 55 Resp: 61601

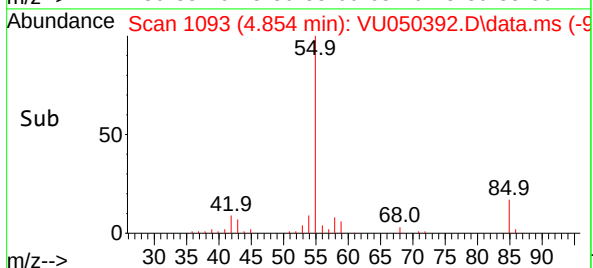
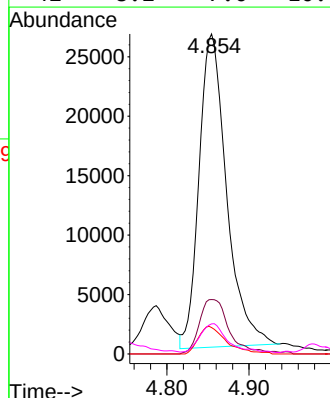
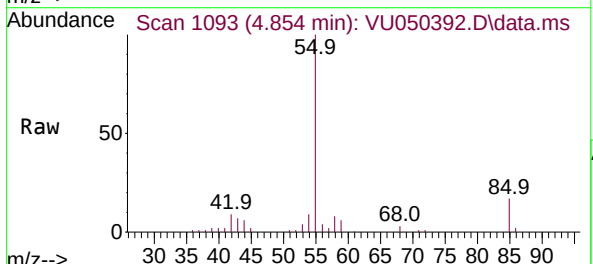
Ion Ratio Lower Upper

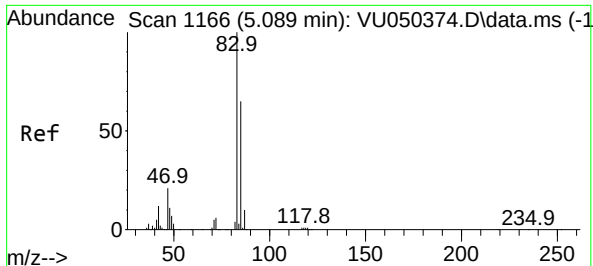
55 100

85 18.0 13.5 20.3

58 8.9 7.0 10.4

42 8.2 7.0 10.6





#41

Tetrahydrofuran

Concen: 17.603 ug/l

RT: 5.067 min Scan# 1166

Delta R.T. -0.023 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

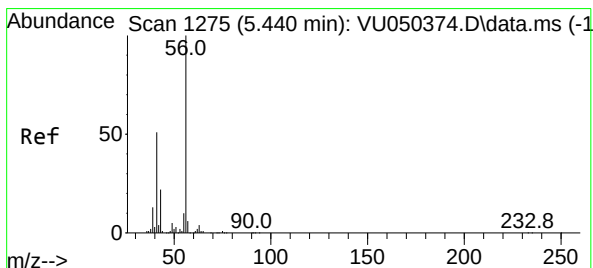
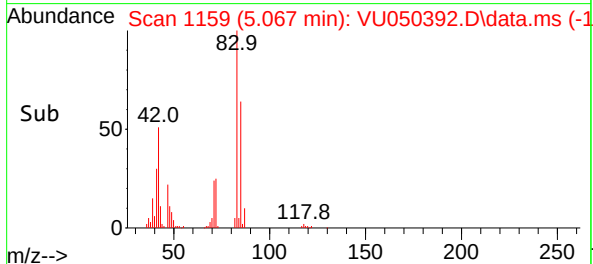
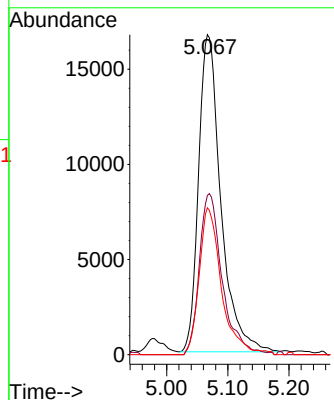
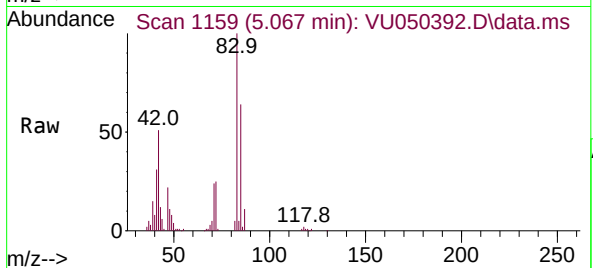
Tgt Ion: 42 Resp: 42301

Ion Ratio Lower Upper

42 100

72 52.1 38.9 58.3

71 46.3 33.7 50.5



#42

1-Chlorobutane

Concen: 9.362 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. 0.016 min

Lab File: VU050392.D

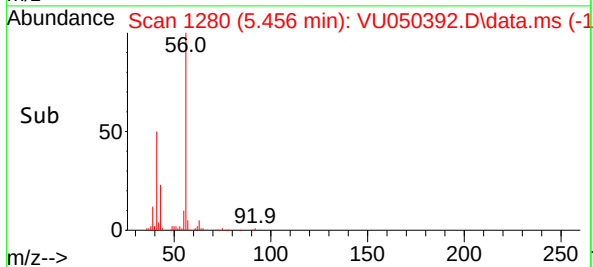
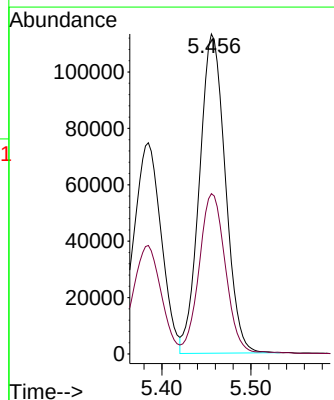
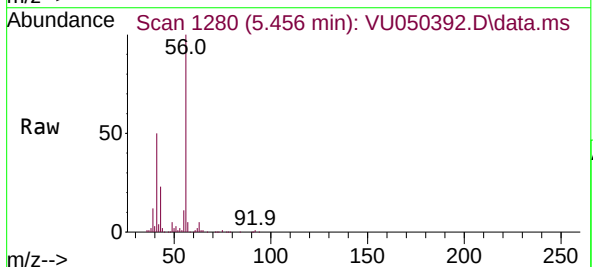
Acq: 22 Aug 2022 09:52

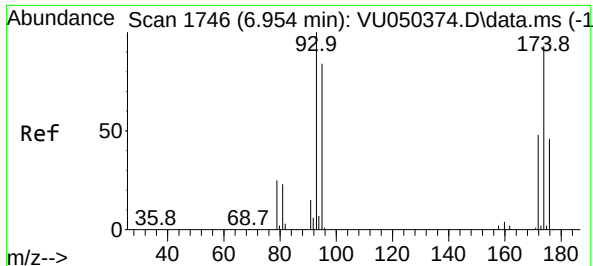
Tgt Ion: 56 Resp: 228143

Ion Ratio Lower Upper

56 100

41 49.7 26.4 79.2





#43

Dibromomethane

Concen: 10.072 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.035 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

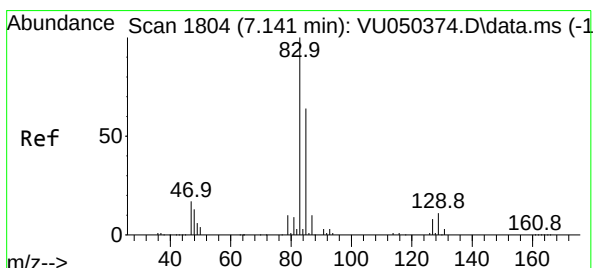
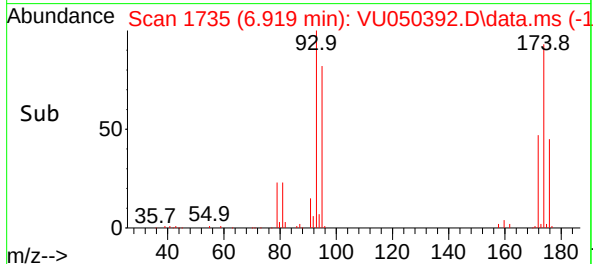
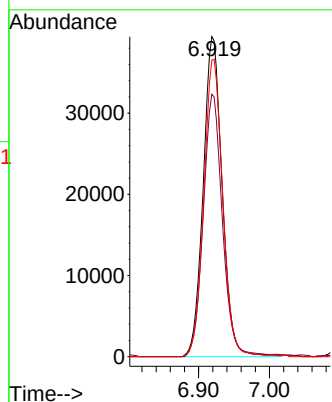
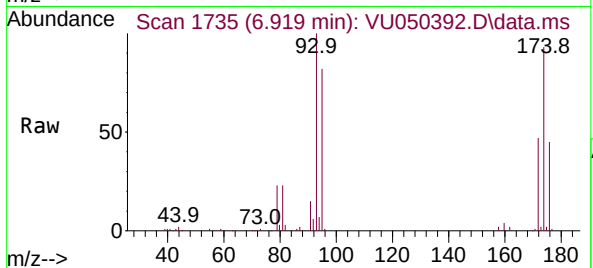
Tgt Ion: 93 Resp: 73314

Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.6

174 92.7 76.3 114.5



#44

Bromodichloromethane

Concen: 10.568 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

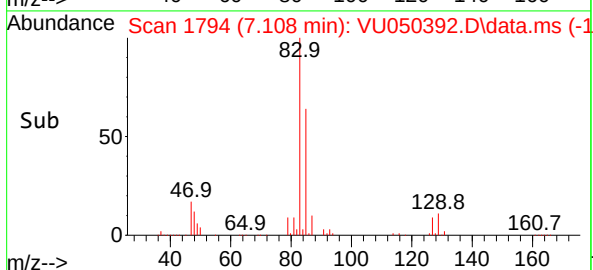
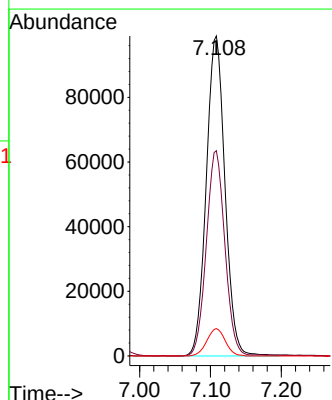
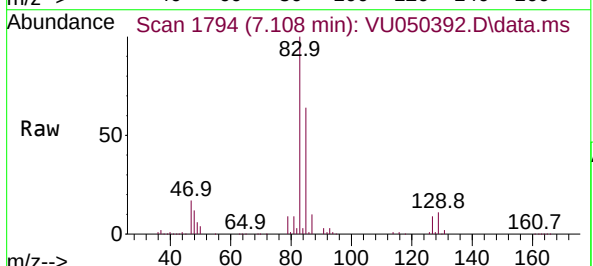
Tgt Ion: 83 Resp: 181525

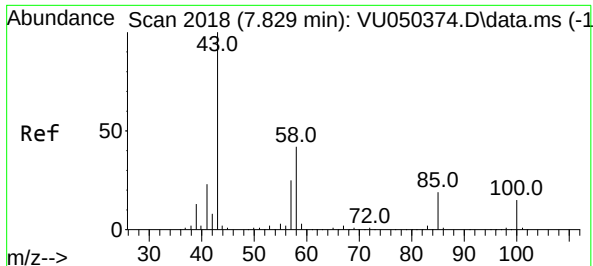
Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.0

127 8.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 54.300 ug/l

RT: 7.796 min Scan# 2018

Delta R.T. -0.032 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

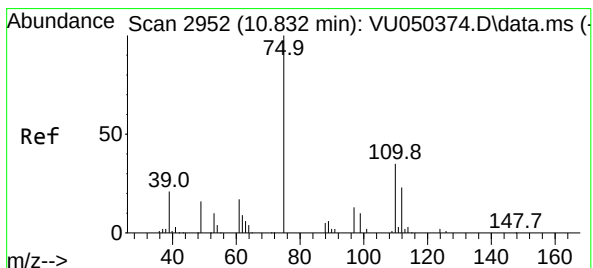
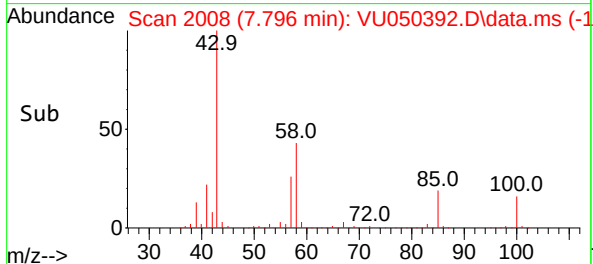
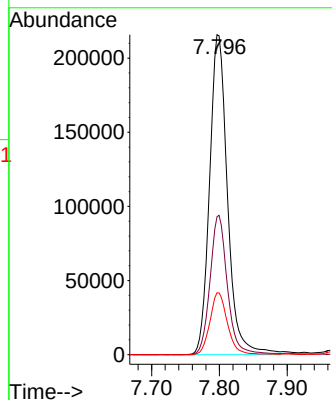
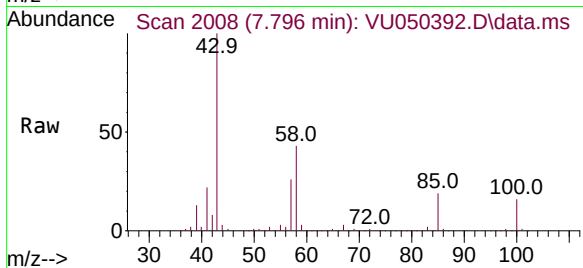
Tgt Ion: 43 Resp: 396735

Ion Ratio Lower Upper

43 100

58 42.2 20.3 61.0

85 18.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 37.118 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.007 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 75 Resp: 163965

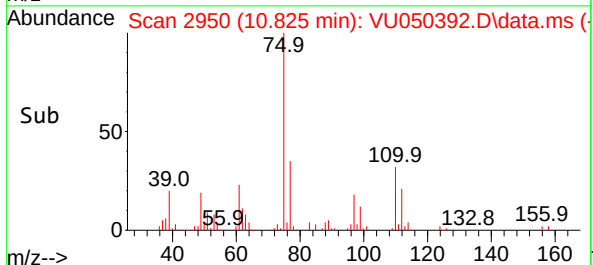
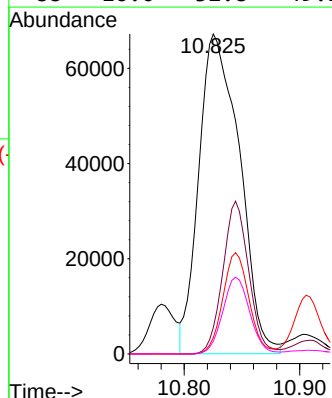
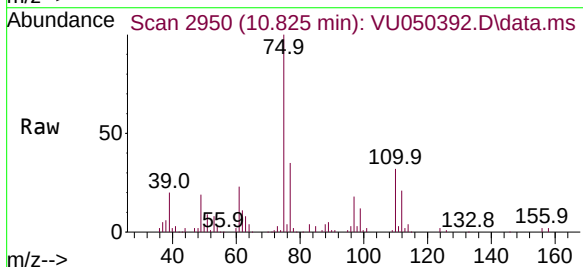
Ion Ratio Lower Upper

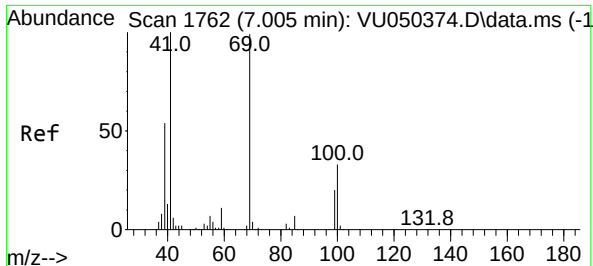
75 100

53 30.6 64.4 96.6#

89 20.5 44.2 66.2#

88 16.0 32.8 49.2#





#47

Methyl methacrylate

Concen: 18.188 ug/l

RT: 6.967 min Scan# 1

Delta R.T. -0.038 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 123440

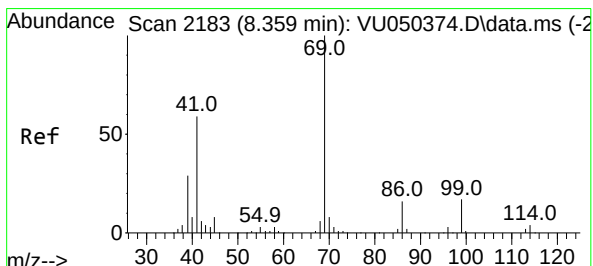
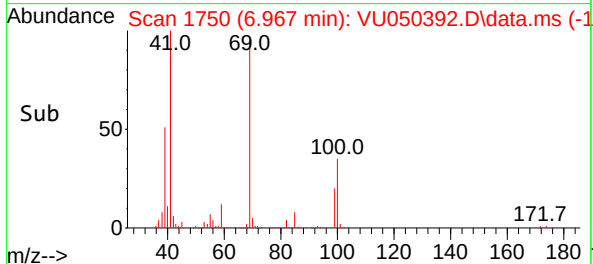
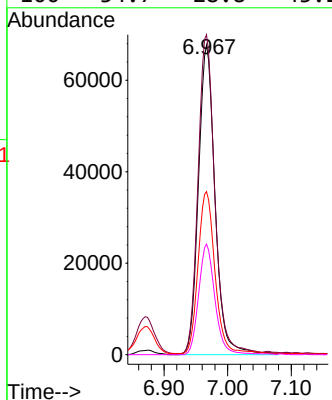
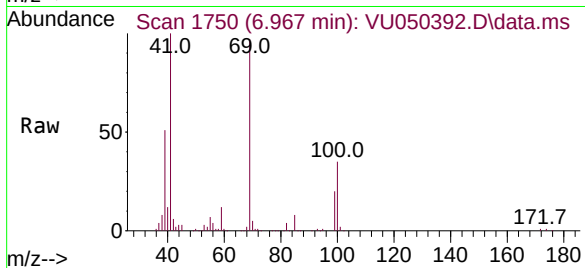
Ion Ratio Lower Upper

69 100

41 103.4 0.0 225.4

39 53.4 45.8 68.8

100 34.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 8.842 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.022 min

Lab File: VU050392.D

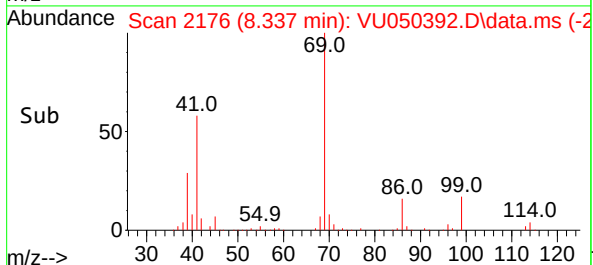
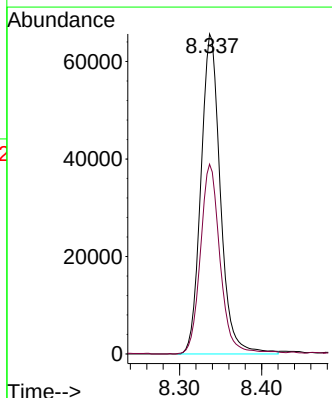
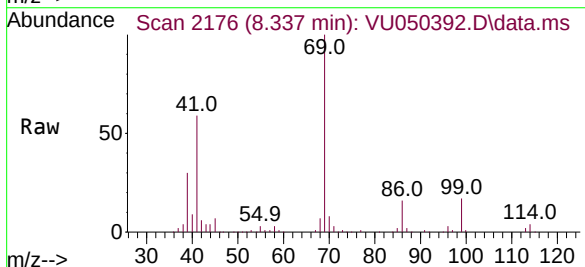
Acq: 22 Aug 2022 09:52

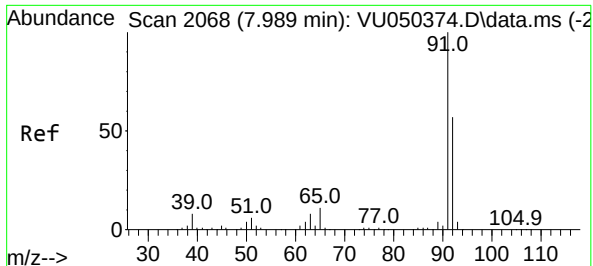
Tgt Ion: 69 Resp: 108304

Ion Ratio Lower Upper

69 100

41 59.5 32.3 96.9





#49

Toluene

Concen: 11.347 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

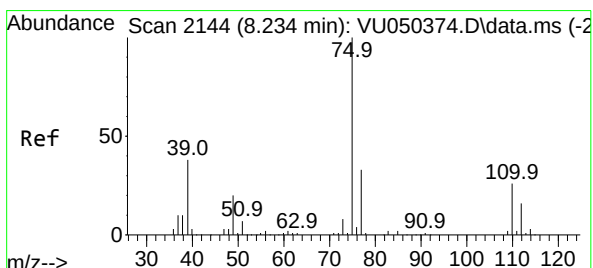
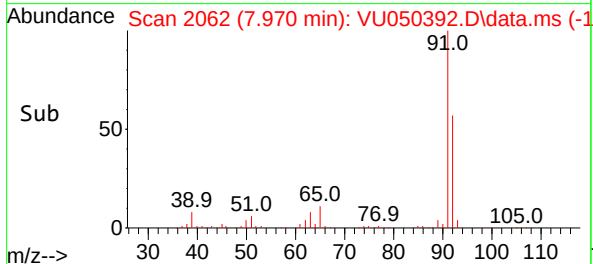
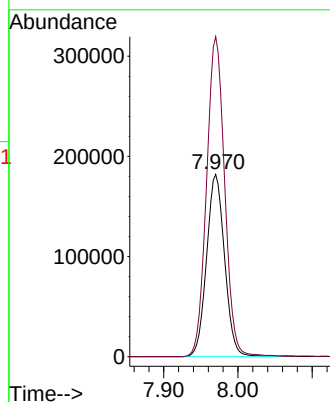
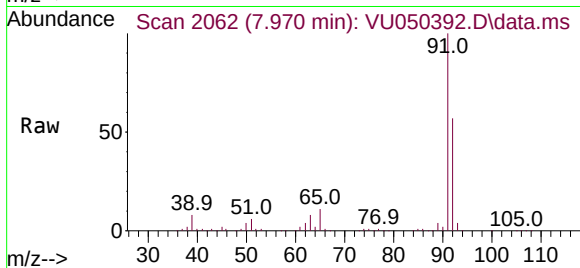
VSTDCCC010

Tgt Ion: 92 Resp: 306702

Ion Ratio Lower Upper

92 100

91 176.2 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 11.519 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.023 min

Lab File: VU050392.D

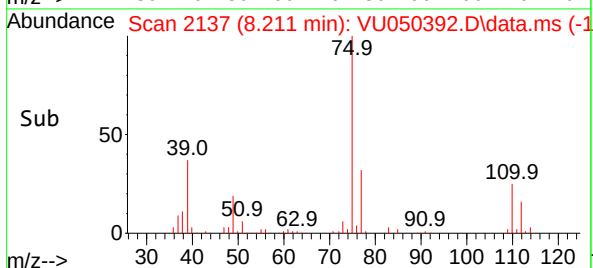
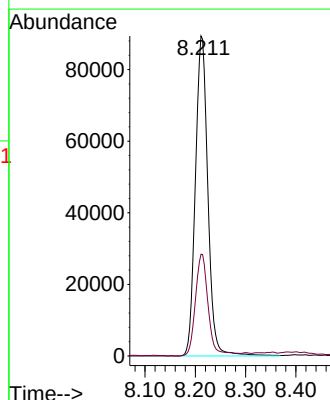
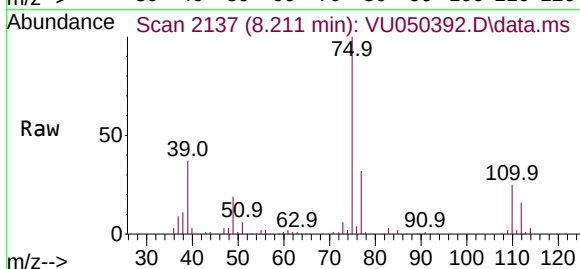
Acq: 22 Aug 2022 09:52

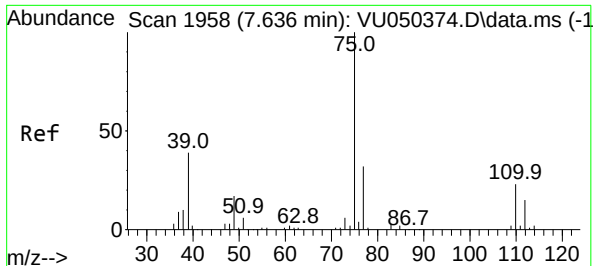
Tgt Ion: 75 Resp: 154057

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 11.308 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.026 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

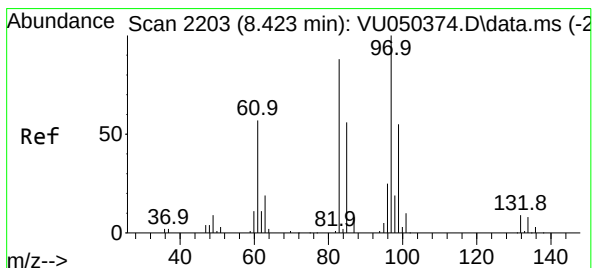
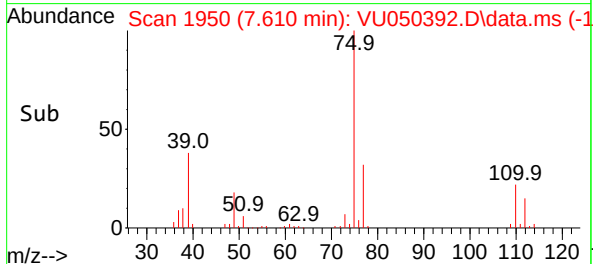
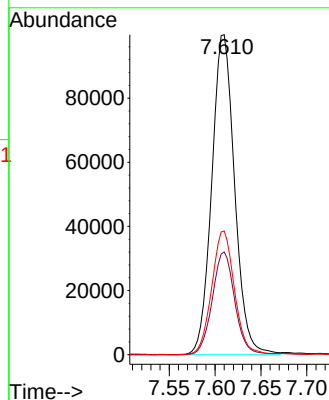
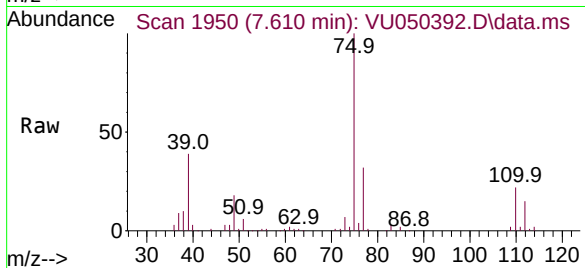
Tgt Ion: 75 Resp: 173132

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 38.5 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 9.972 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. -0.022 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 97 Resp: 106675

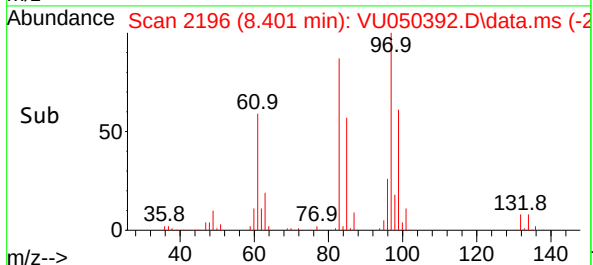
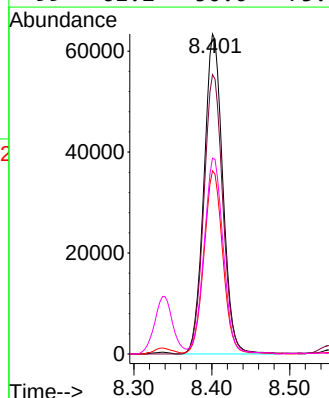
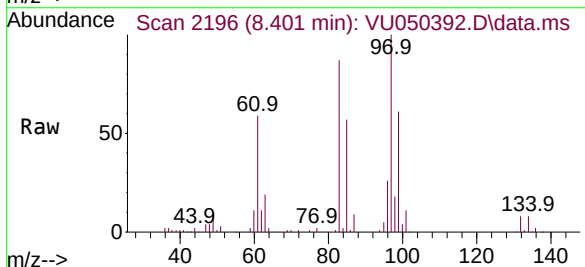
Ion Ratio Lower Upper

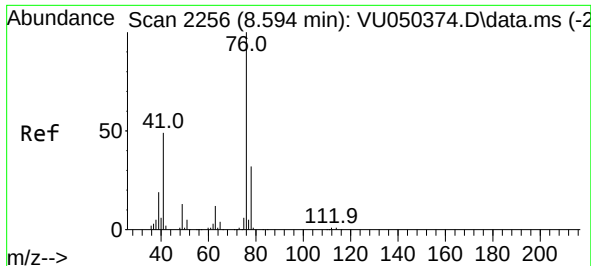
97 100

83 87.3 70.6 106.0

85 57.1 46.2 69.4

99 61.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.417 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

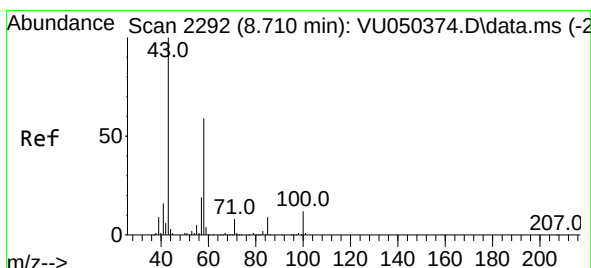
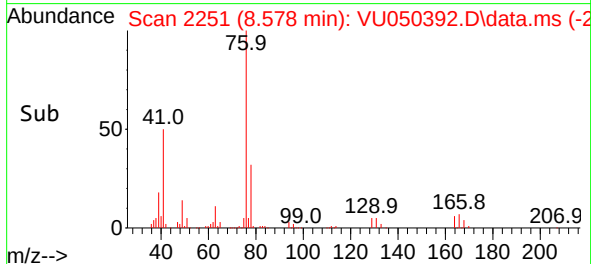
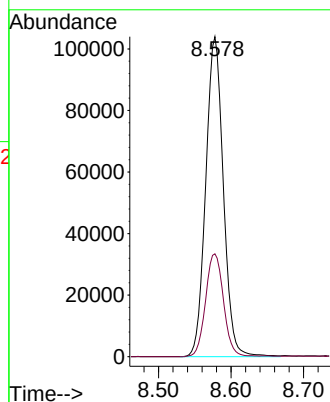
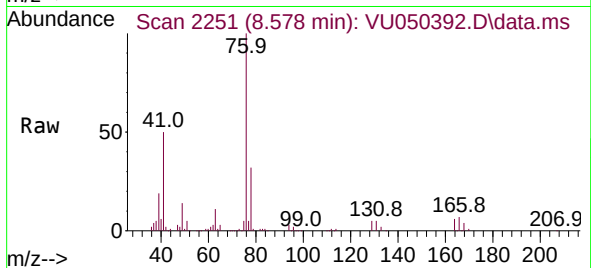
VSTDCCC010

Tgt Ion: 76 Resp: 175488

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#54

2-Hexanone

Concen: 53.955 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.019 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

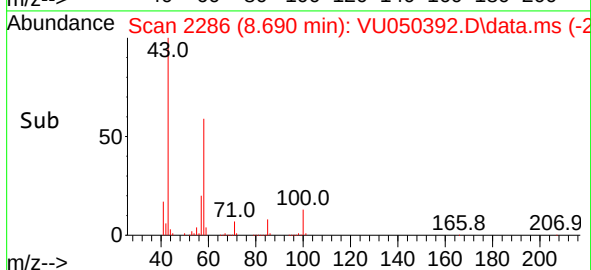
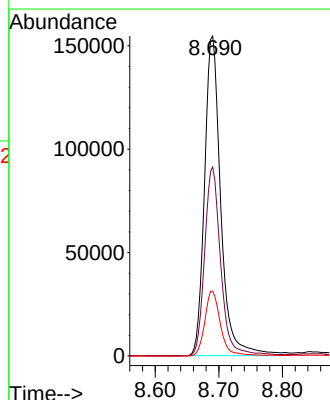
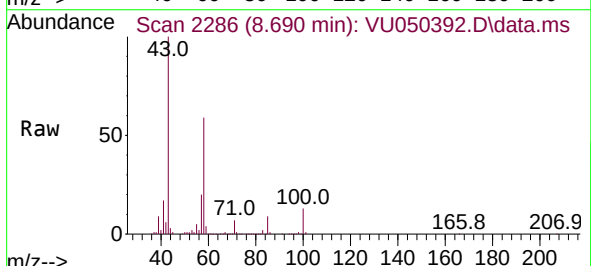
Tgt Ion: 43 Resp: 274537

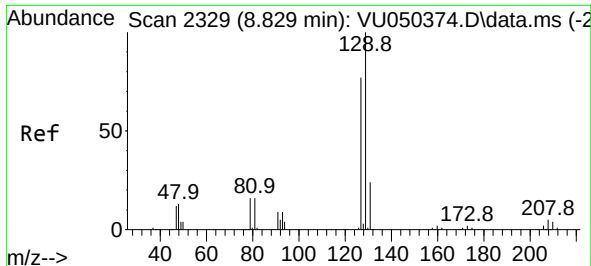
Ion Ratio Lower Upper

43 100

58 58.8 37.1 77.1

57 19.6 0.0 39.5

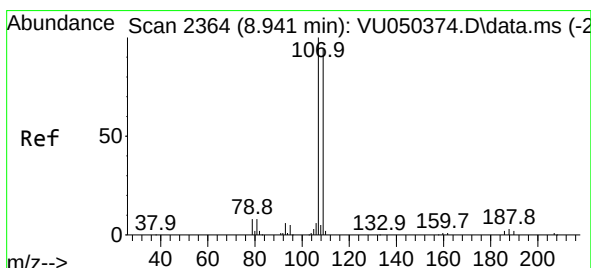
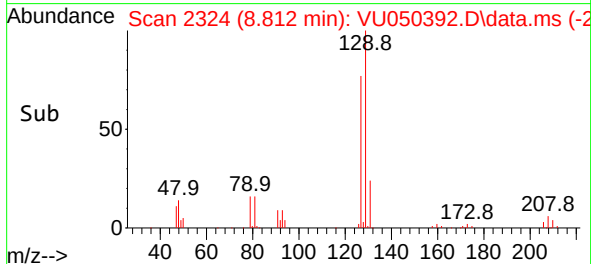
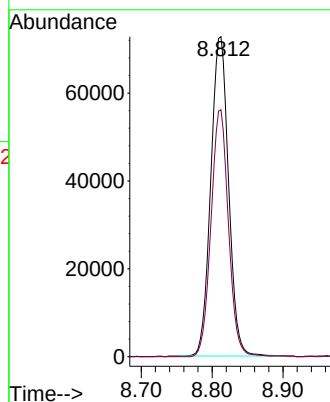
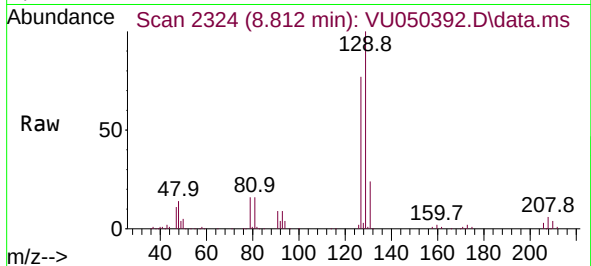




#55
Dibromochloromethane
Concen: 10.764 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

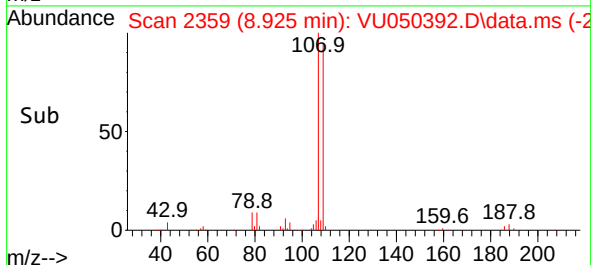
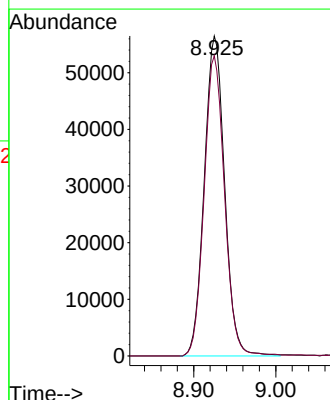
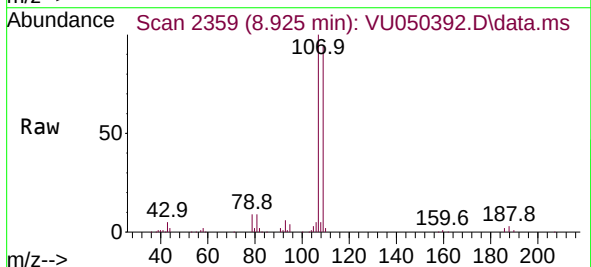
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

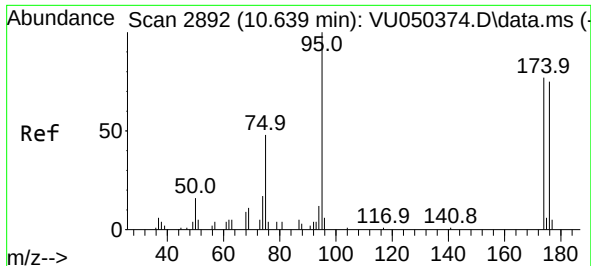
Tgt Ion:129 Resp: 126671
Ion Ratio Lower Upper
129 100
127 75.8 61.2 91.8



#56
1,2-Dibromoethane
Concen: 10.127 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.016 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:107 Resp: 97302
Ion Ratio Lower Upper
107 100
109 93.8 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 1.315 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.007 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

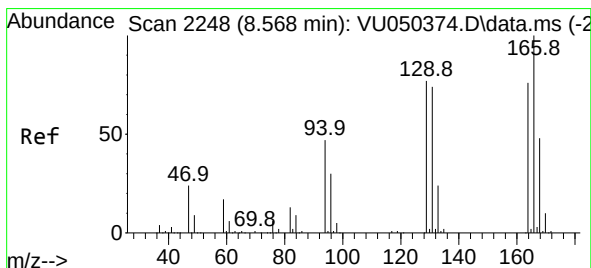
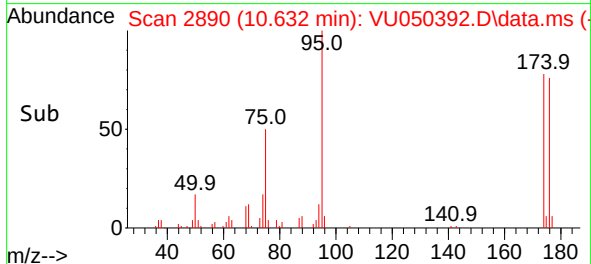
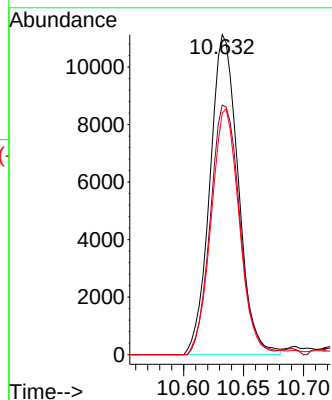
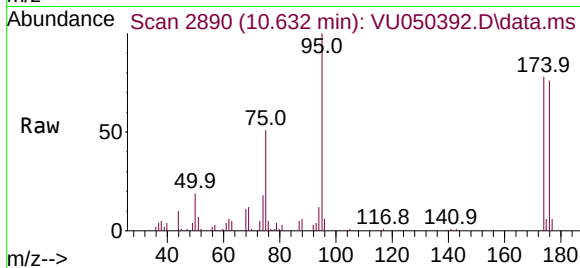
Tgt Ion: 95 Resp: 18240

Ion Ratio Lower Upper

95 100

174 80.6 62.4 93.6

176 76.9 56.2 84.2



#58

Tetrachloroethene

Concen: 9.614 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.016 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Tgt Ion: 164 Resp: 109107

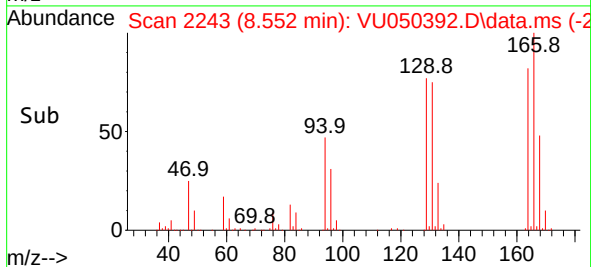
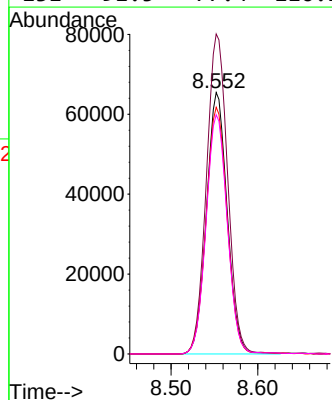
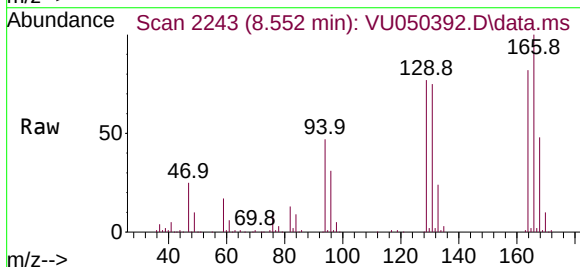
Ion Ratio Lower Upper

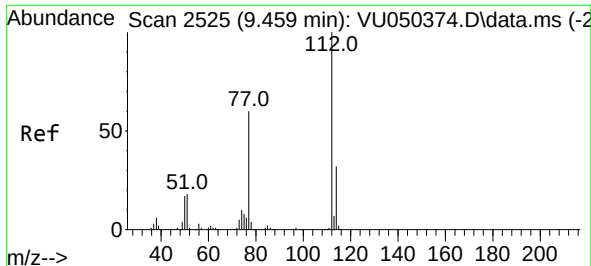
164 100

166 122.4 102.4 153.6

129 94.4 79.5 119.3

131 91.5 77.4 116.2





#59

Chlorobenzene

Concen: 10.944 ug/l

RT: 9.449 min Scan# 2549

Delta R.T. -0.010 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

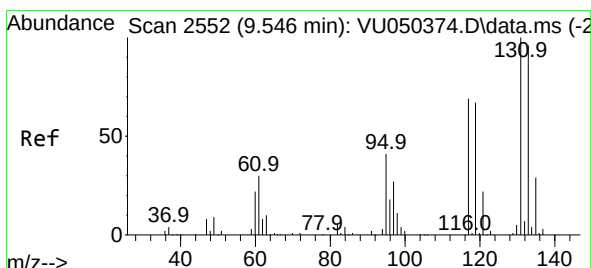
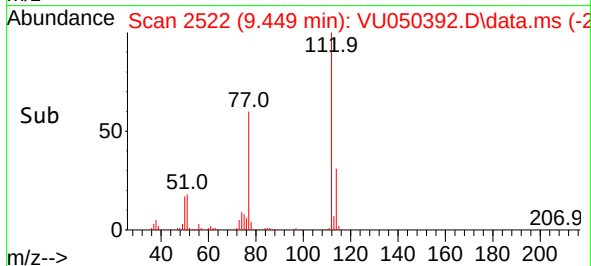
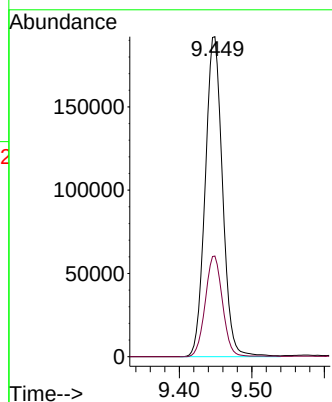
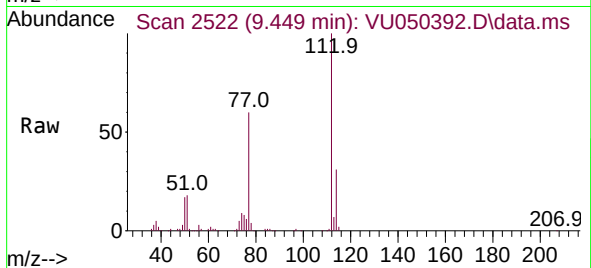
VSTDCCC010

Tgt Ion:112 Resp: 319203

Ion Ratio Lower Upper

112 100

114 31.5 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 10.427 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.010 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

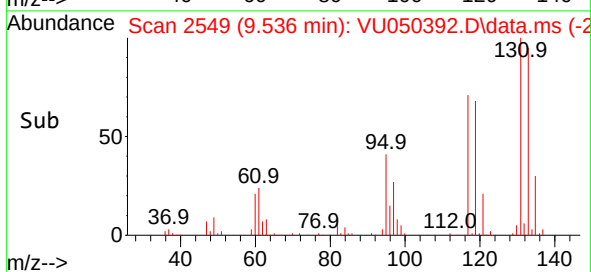
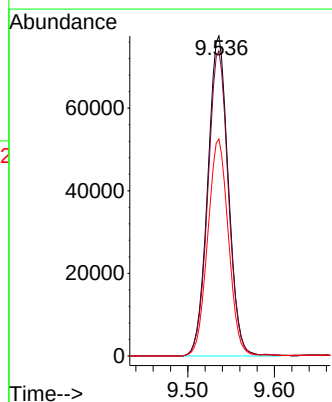
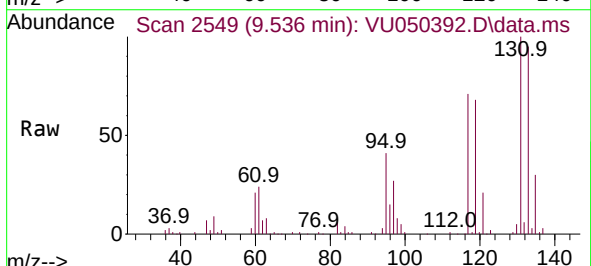
Tgt Ion:131 Resp: 127826

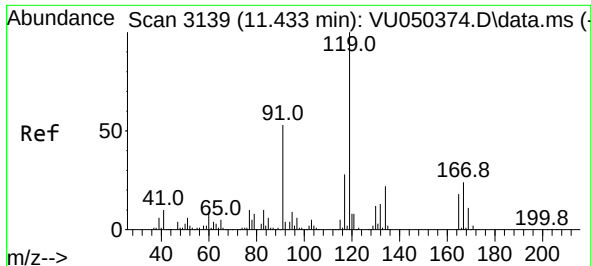
Ion Ratio Lower Upper

131 100

133 94.7 78.3 117.5

119 68.3 53.2 79.8

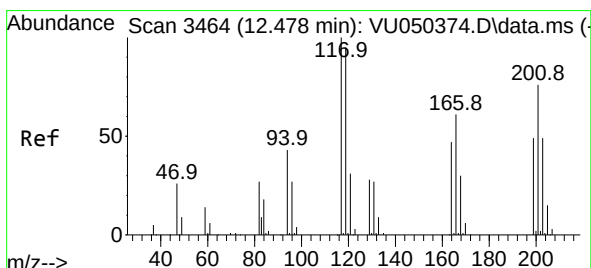
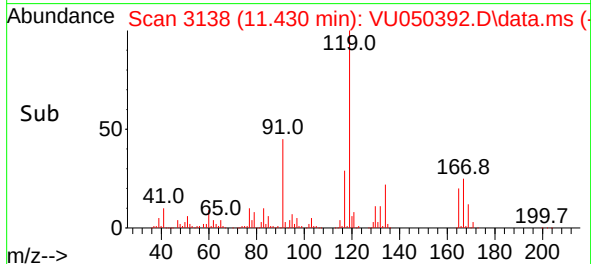
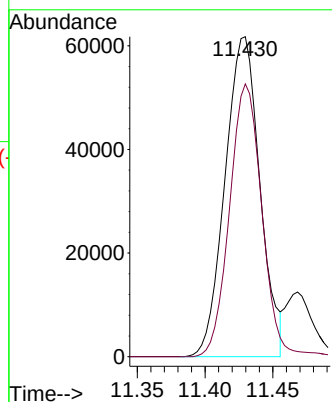
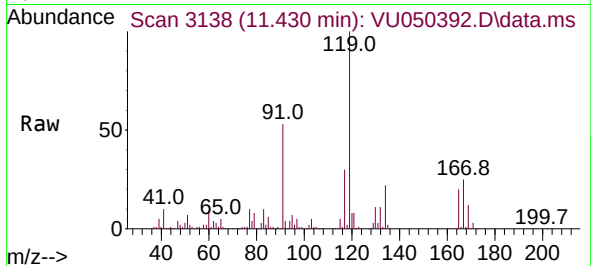




#61
 Pentachloroethane
 Concen: 10.832 ug/l
 RT: 11.430 min Scan# 3139
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

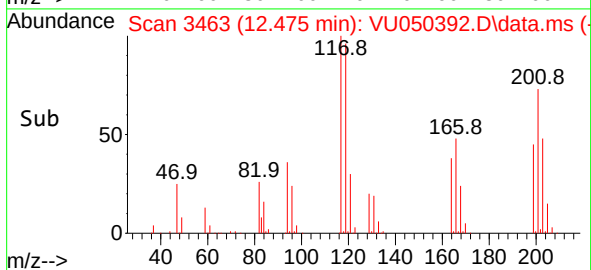
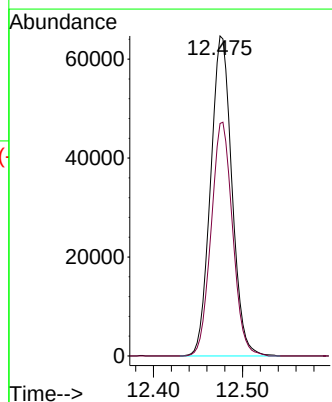
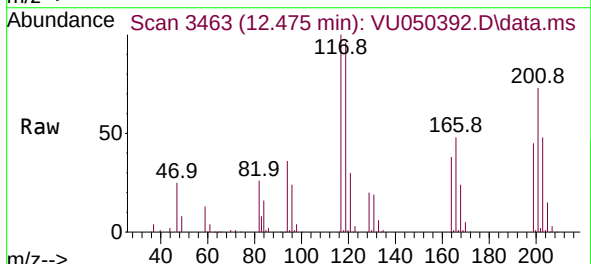
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

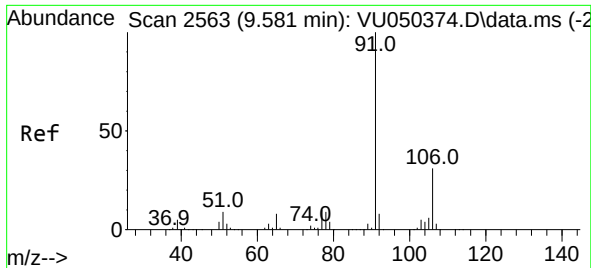
Tgt Ion:117 Resp: 110508
 Ion Ratio Lower Upper
 117 100
 167 79.2 66.2 99.4



#62
 Hexachloroethane
 Concen: 12.689 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

Tgt Ion:117 Resp: 107682
 Ion Ratio Lower Upper
 117 100
 201 73.4 61.0 91.4

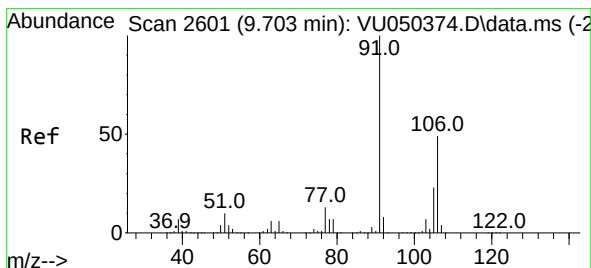
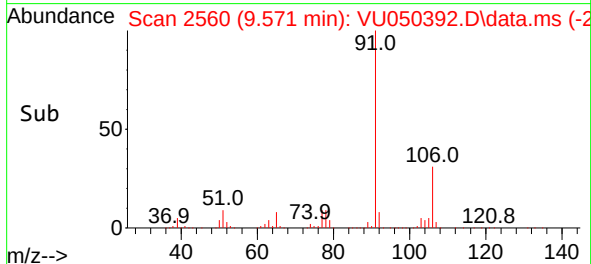
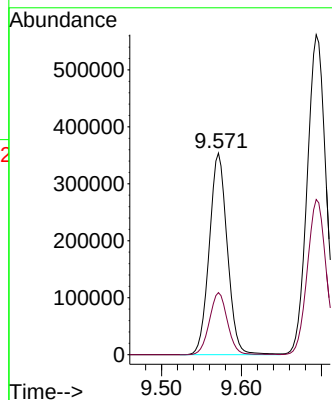
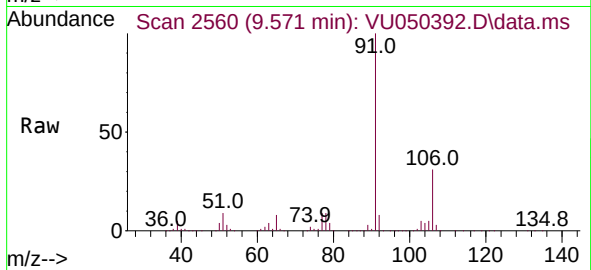




#63
Ethyl Benzene
Concen: 9.425 ug/l
RT: 9.571 min Scan# 2563
Delta R.T. -0.010 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

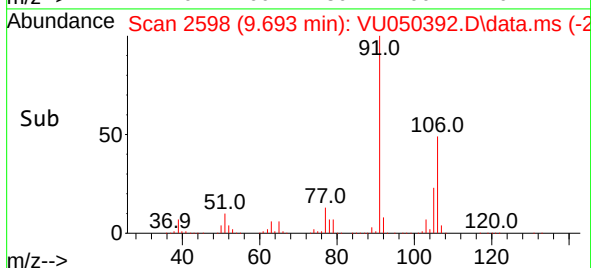
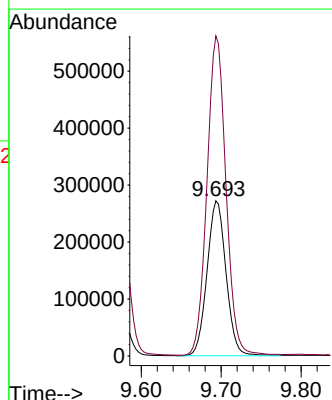
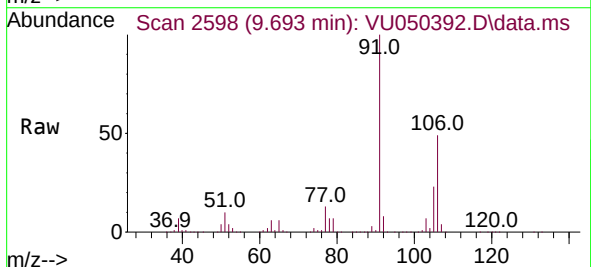
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

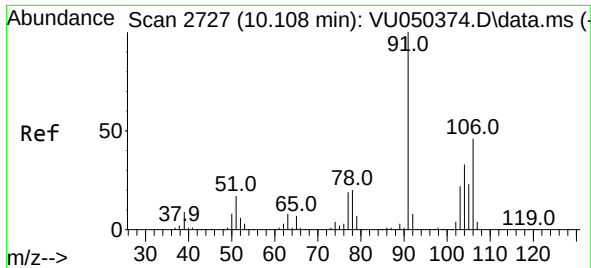
Tgt Ion: 91 Resp: 554172
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#64
m/p-Xylenes
Concen: 19.247 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.010 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 106 Resp: 449884
Ion Ratio Lower Upper
106 100
91 205.7 167.8 251.6

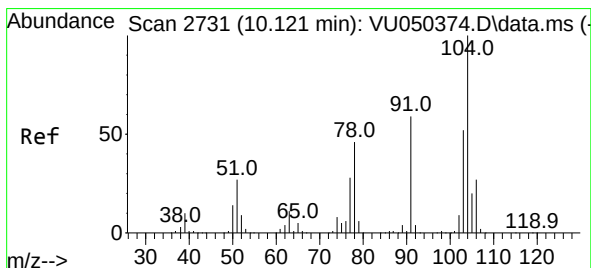
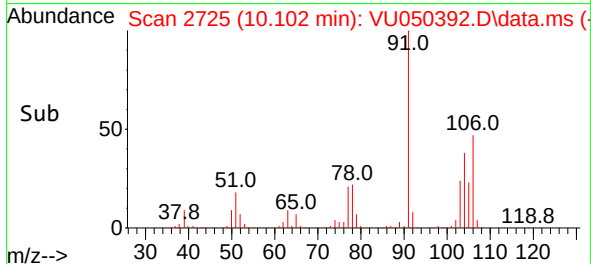
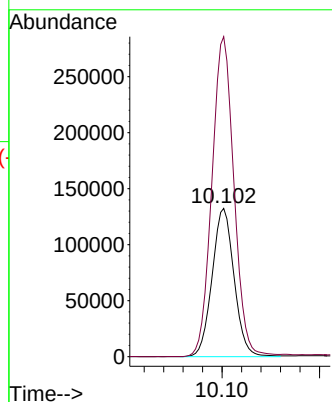
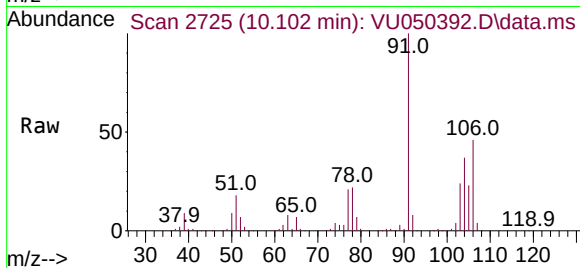




#65
o-Xylene
Concen: 9.540 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

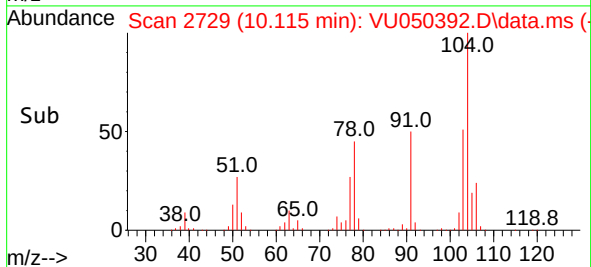
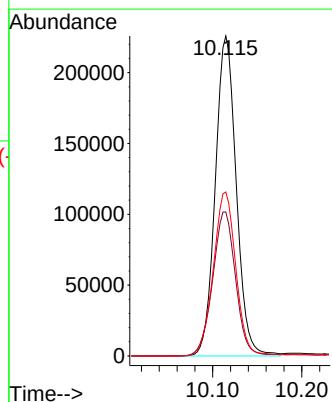
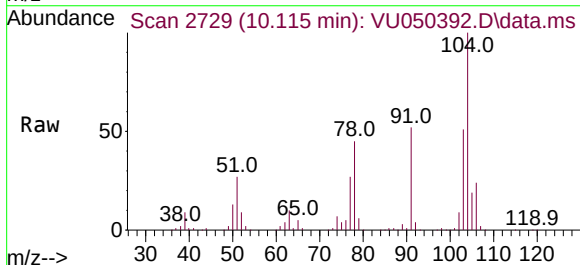
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

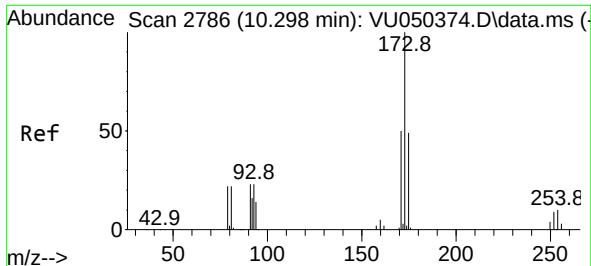
Tgt Ion:106 Resp: 207535
Ion Ratio Lower Upper
106 100
91 216.5 111.1 333.2



#66
Styrene
Concen: 9.544 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:104 Resp: 369872
Ion Ratio Lower Upper
104 100
78 49.3 42.1 63.1
103 55.3 44.5 66.7

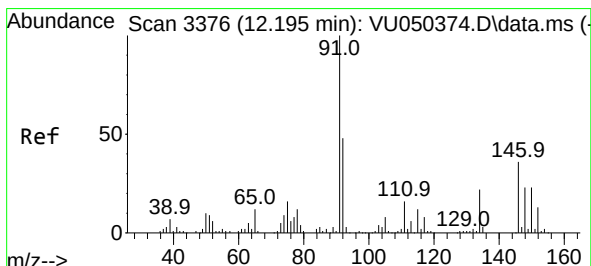
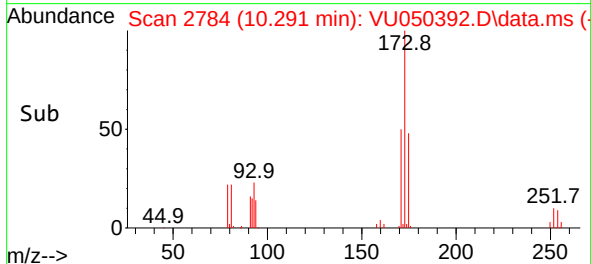
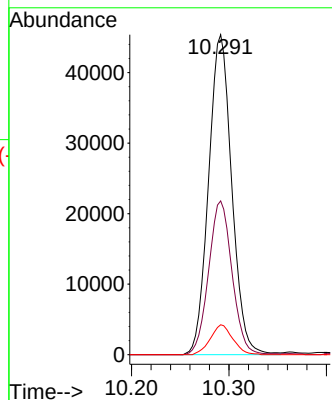
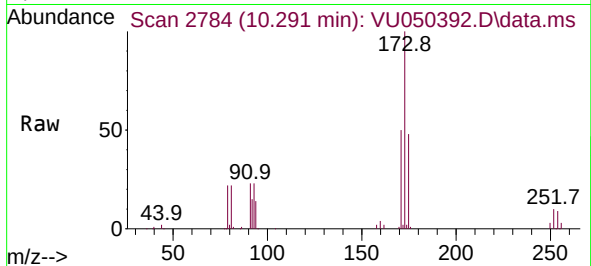




#67
Bromoform
Concen: 11.224 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

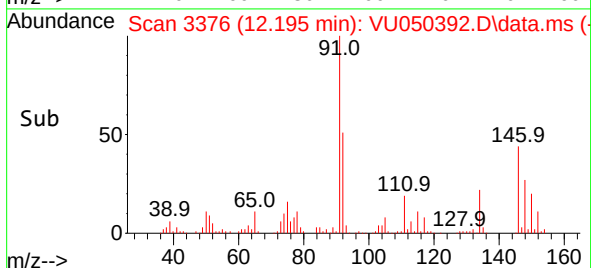
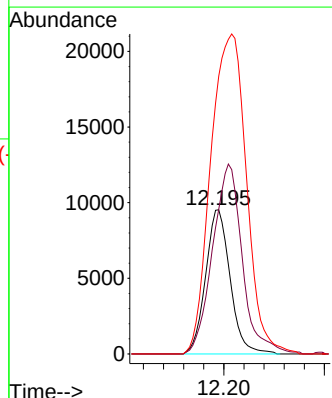
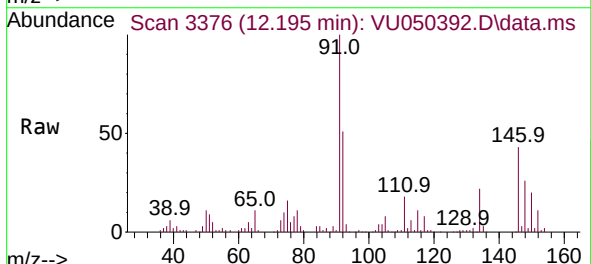
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

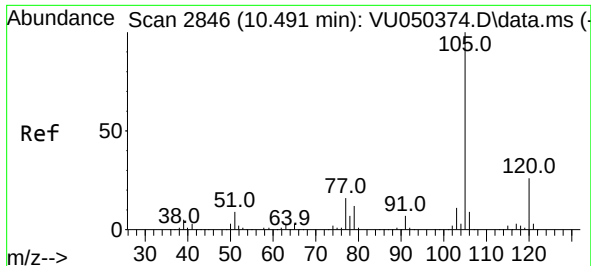
Tgt Ion:173 Resp: 75011
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 9.1 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.984 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:152 Resp: 16142
Ion Ratio Lower Upper
152 100
115 159.5 0.0 254.6
150 322.8 0.0 623.6

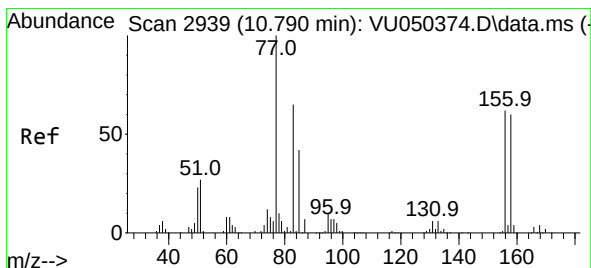
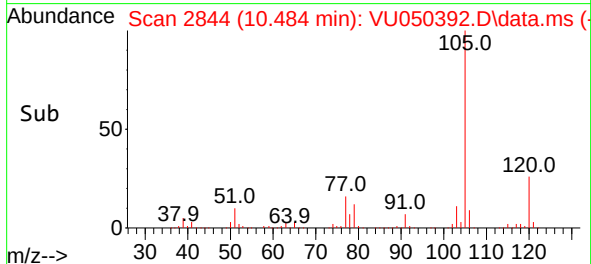
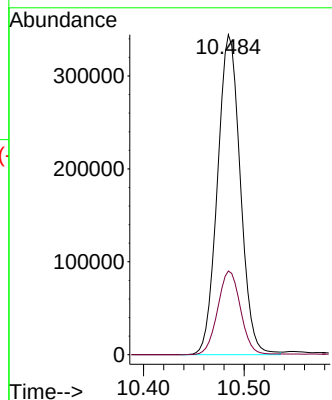
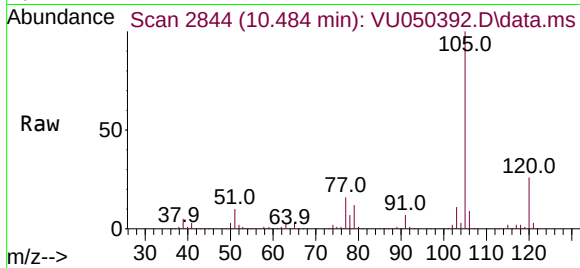




#69
Isopropylbenzene
Concen: 9.458 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

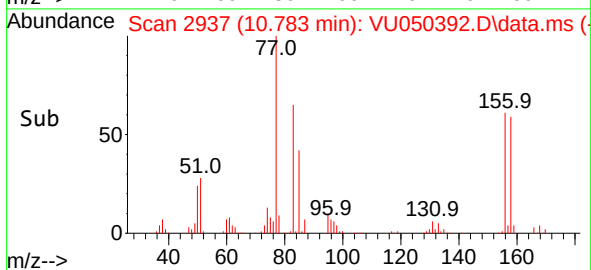
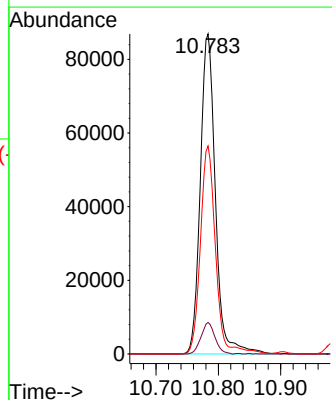
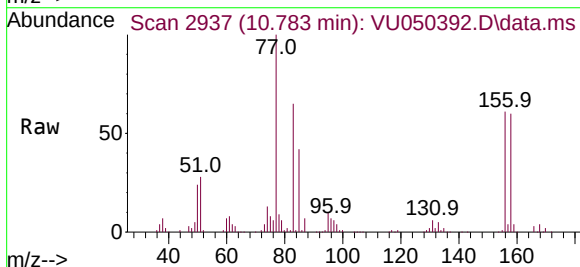
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

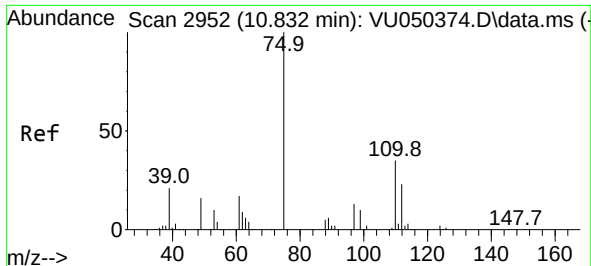
Tgt Ion:105 Resp: 543440
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 9.947 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 83 Resp: 146440
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 65.1 51.2 76.8

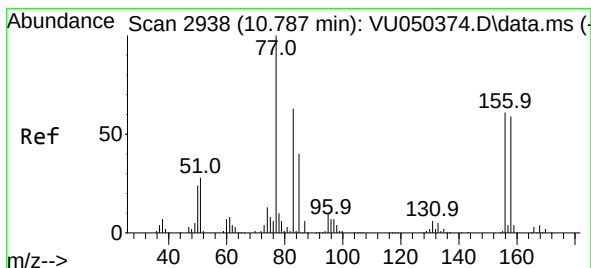
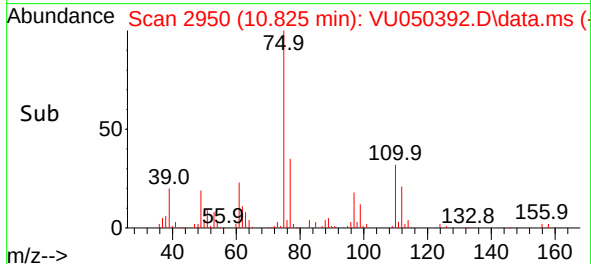
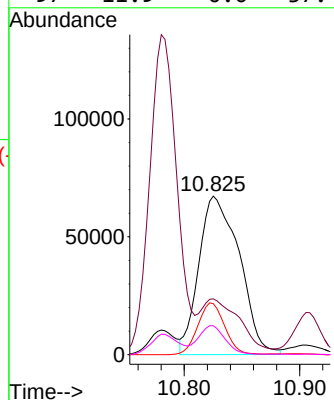
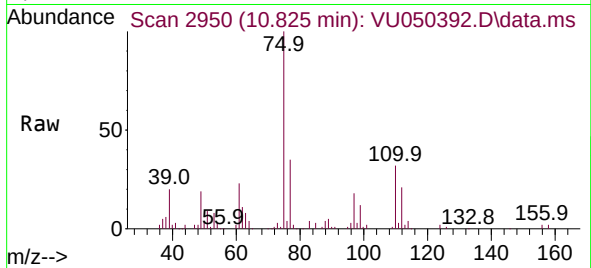




#71
1,2,3-Trichloropropane
Concen: 14.810 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.007 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

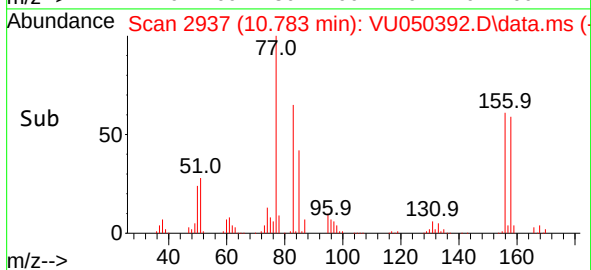
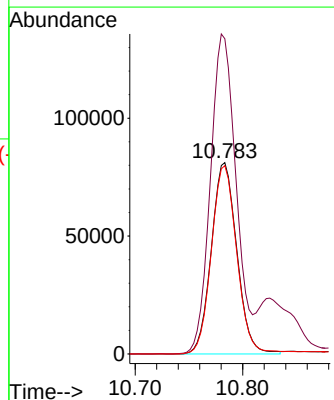
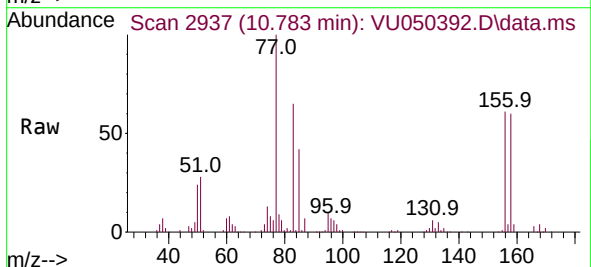
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

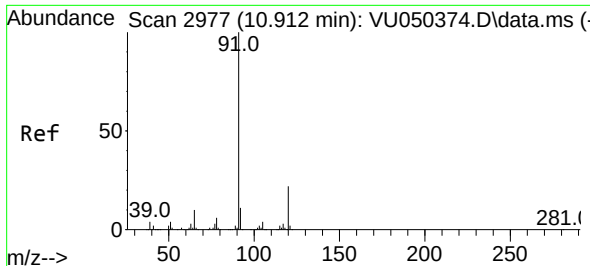
Tgt Ion:	75	Resp:	163965
Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	112.4
110	21.8	0.0	70.6
97	11.9	0.0	37.4



#72
Bromobenzene
Concen: 10.625 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:	156	Resp:	133794
Ion	Ratio	Lower	Upper
156	100		
77	167.7	0.0	344.4
158	98.7	0.0	192.2

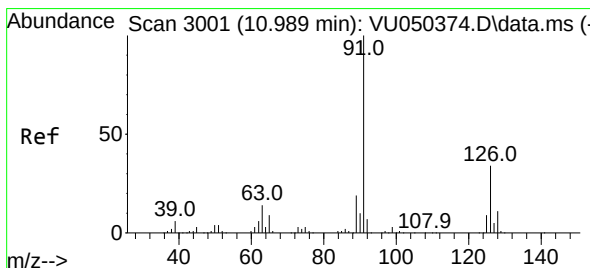
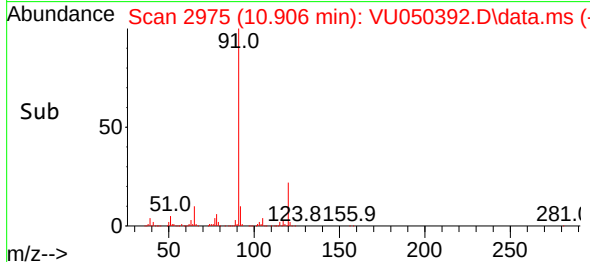
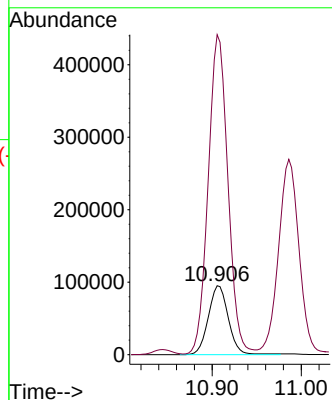
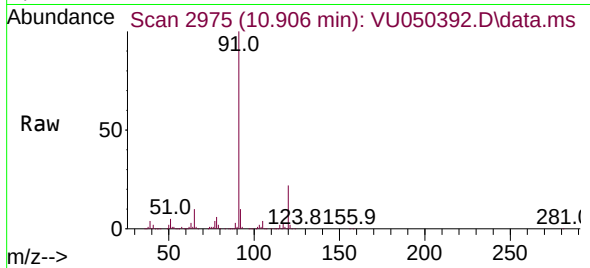




#73
n-propylbenzene
Concen: 9.274 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

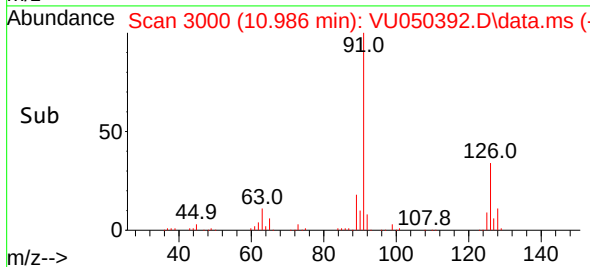
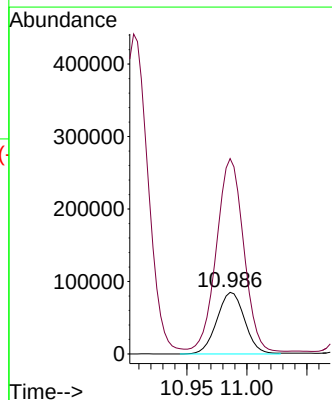
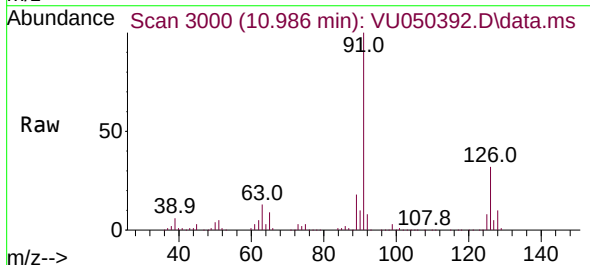
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

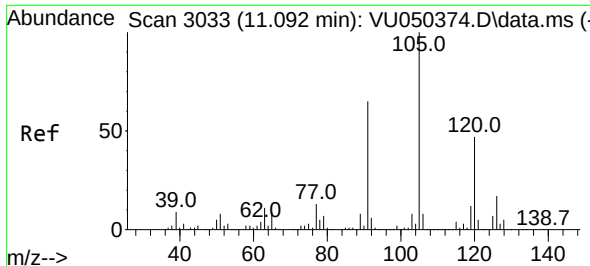
Tgt Ion:120 Resp: 148571
Ion Ratio Lower Upper
120 100
91 455.0 367.8 551.6



#74
2-Chlorotoluene
Concen: 9.405 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:126 Resp: 136759
Ion Ratio Lower Upper
126 100
91 306.6 0.0 620.6

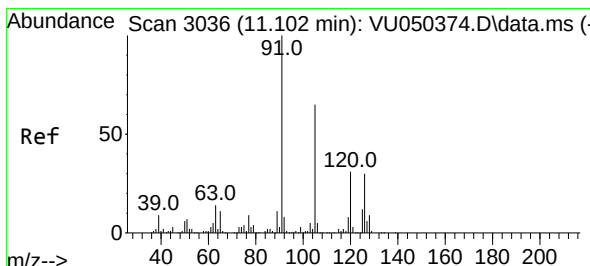
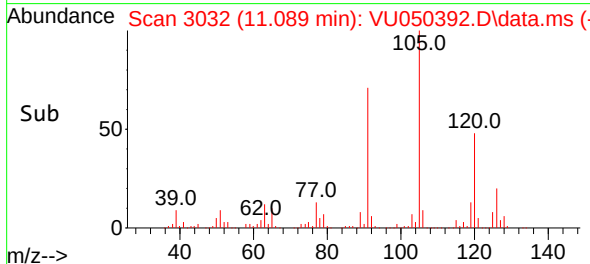
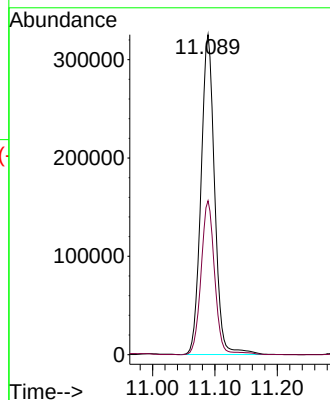
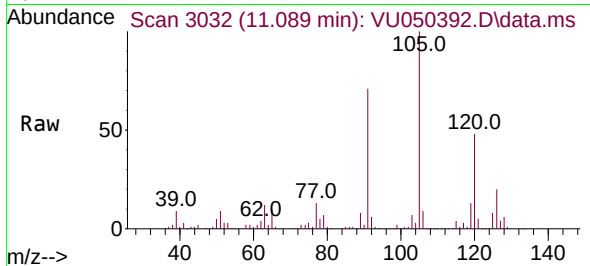




#75
1,3,5-Trimethylbenzene
Concen: 9.626 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

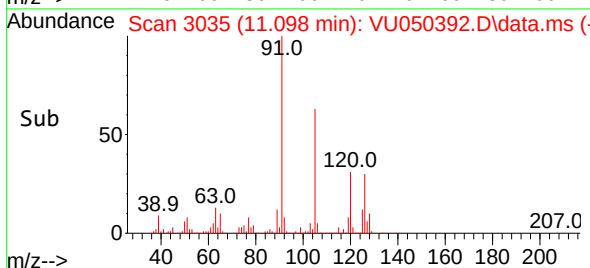
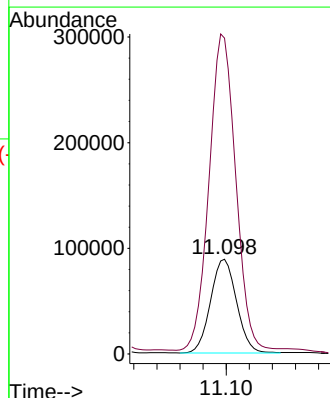
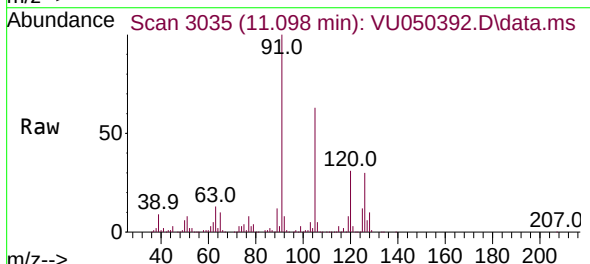
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

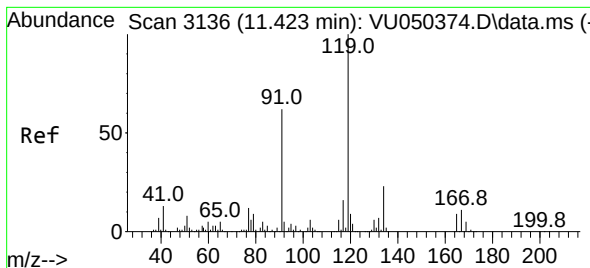
Tgt Ion:105 Resp: 495257
Ion Ratio Lower Upper
105 100
120 48.1 37.6 56.4



#76
4-Chlorotoluene
Concen: 9.143 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.004 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:126 Resp: 138485
Ion Ratio Lower Upper
126 100
91 364.7 0.0 738.8





#77

tert-Butylbenzene

Concen: 9.585 ug/l

RT: 11.420 min Scan# 3136

Delta R.T. -0.003 min

Lab File: VU050392.D

Acq: 22 Aug 2022 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

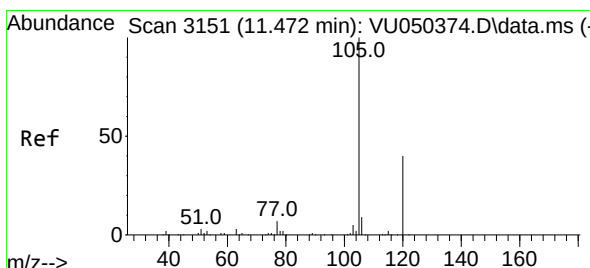
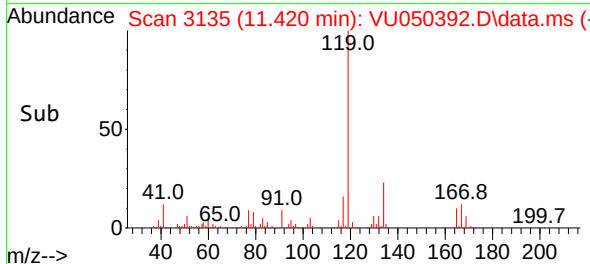
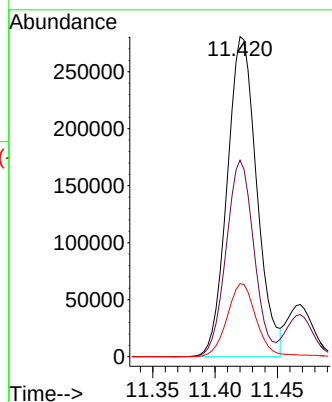
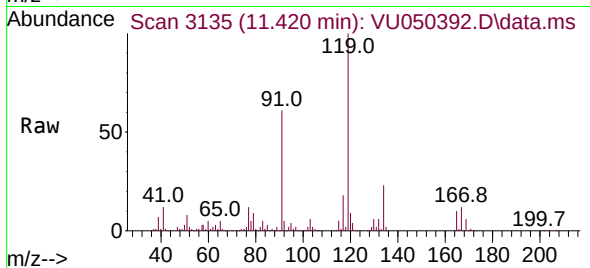
Tgt Ion:119 Resp: 464253

Ion Ratio Lower Upper

119 100

91 58.0 30.4 91.3

134 22.7 17.8 26.6



#78

1,2,4-Trimethylbenzene

Concen: 9.426 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. -0.004 min

Lab File: VU050392.D

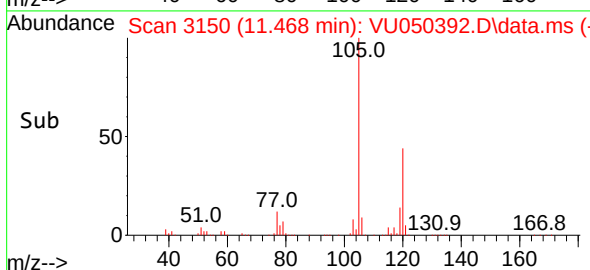
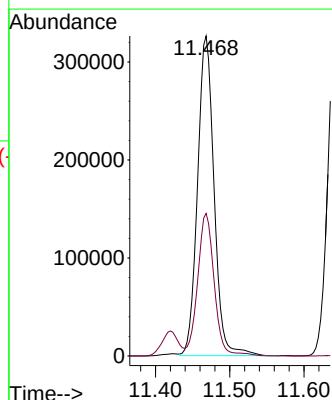
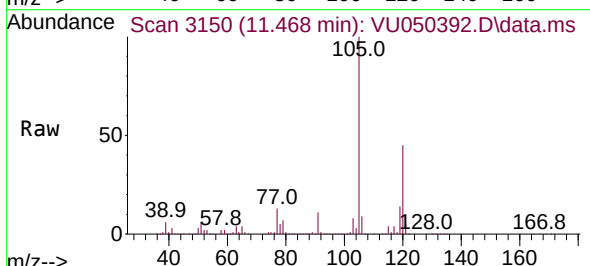
Acq: 22 Aug 2022 09:52

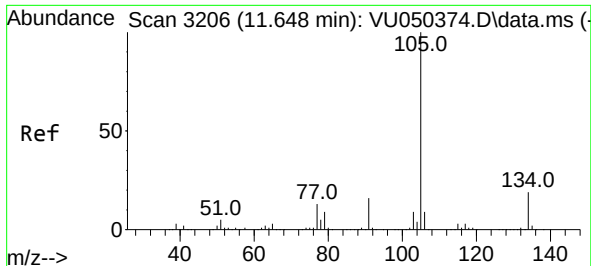
Tgt Ion:105 Resp: 506453

Ion Ratio Lower Upper

105 100

120 44.7 21.6 65.0

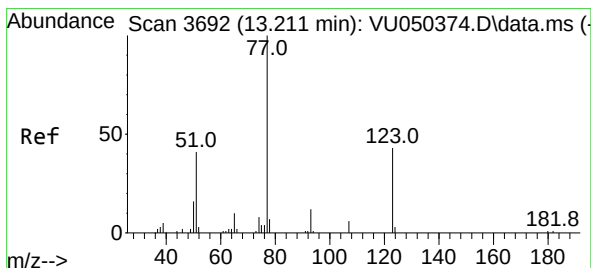
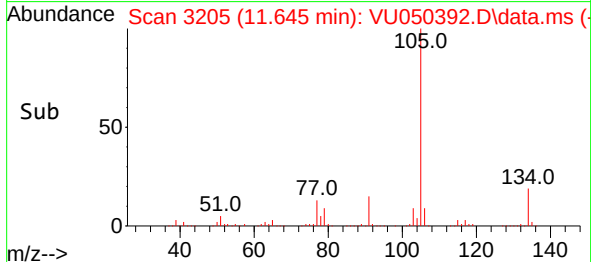
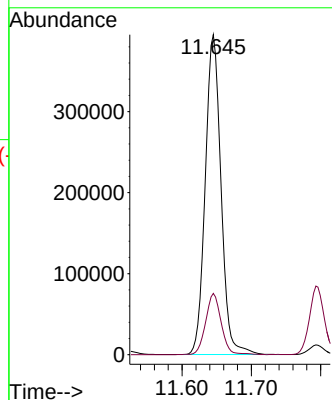
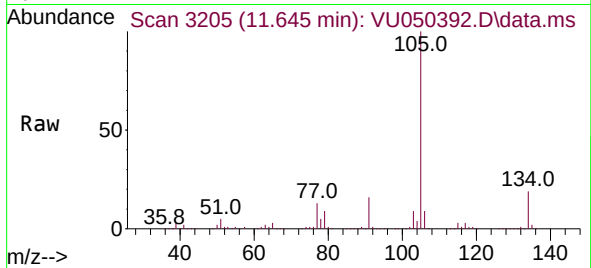




#79
 sec-Butylbenzene
 Concen: 9.400 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

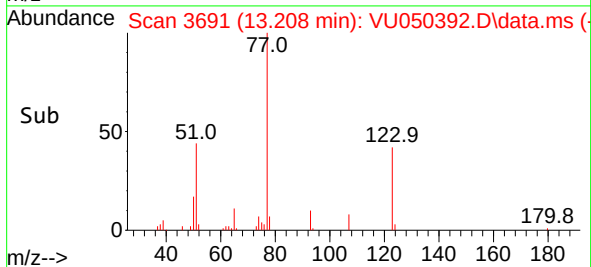
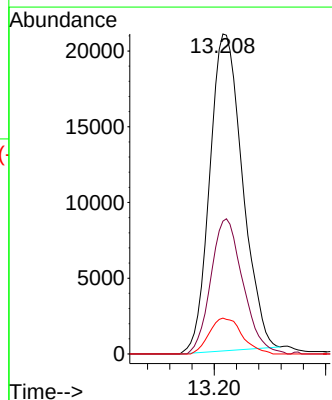
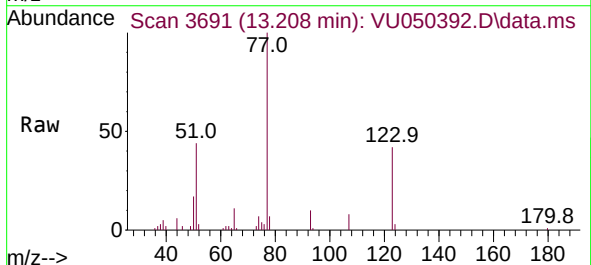
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

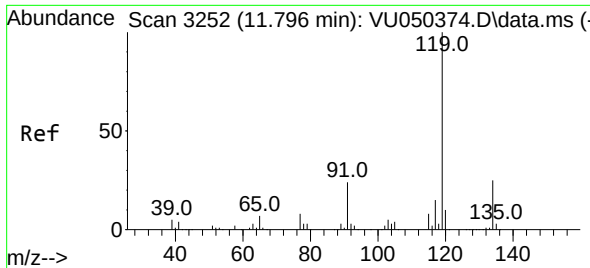
Tgt Ion:105 Resp: 622249
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0



#80
 Nitrobenzene
 Concen: 53.399 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.003 min
 Lab File: VU050392.D
 Acq: 22 Aug 2022 09:52

Tgt Ion: 77 Resp: 42649
 Ion Ratio Lower Upper
 77 100
 123 41.9 18.1 64.3
 65 11.4 10.8 13.8

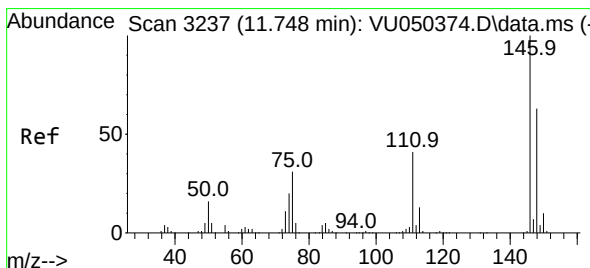
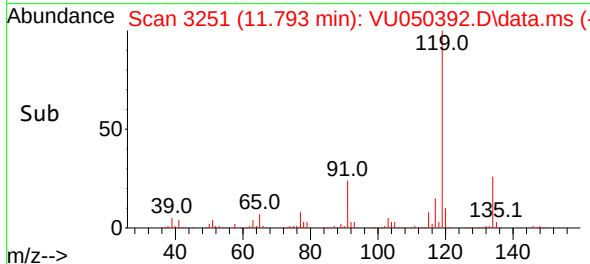
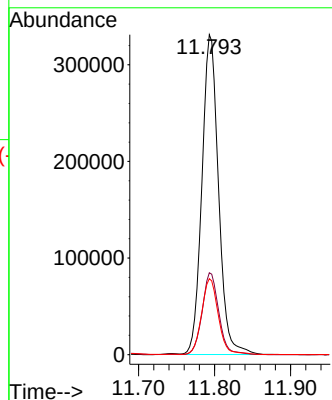
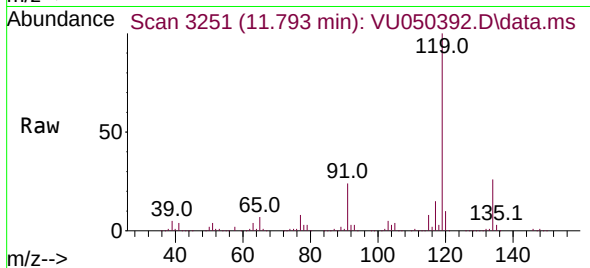




#81
p-Isopropyltoluene
Concen: 9.311 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

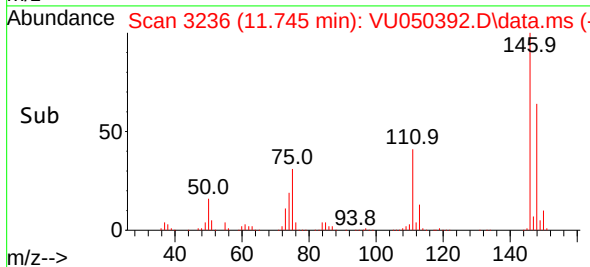
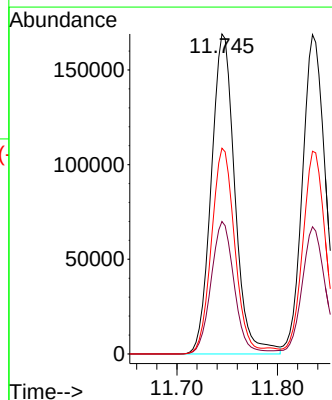
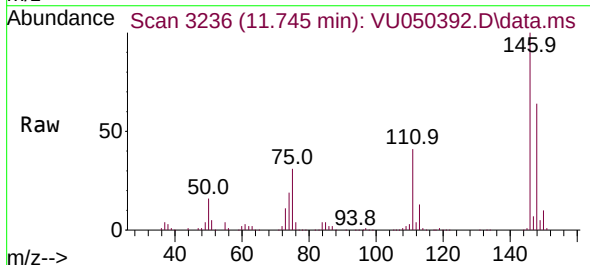
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

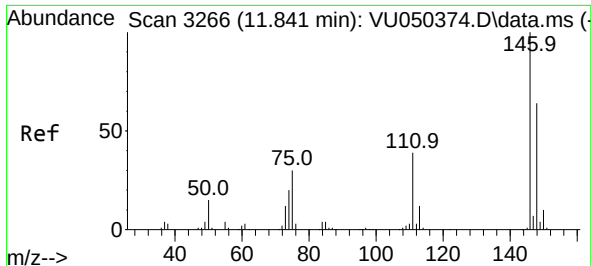
Tgt Ion:119 Resp: 502999
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 23.8 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 10.630 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:146 Resp: 275604
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 63.4 51.2 76.8

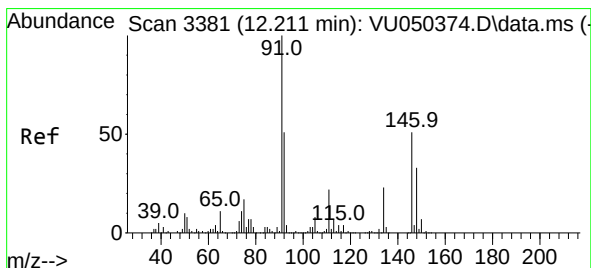
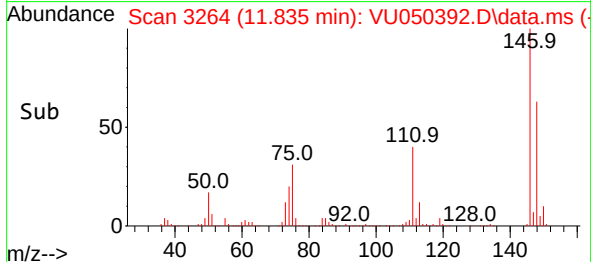
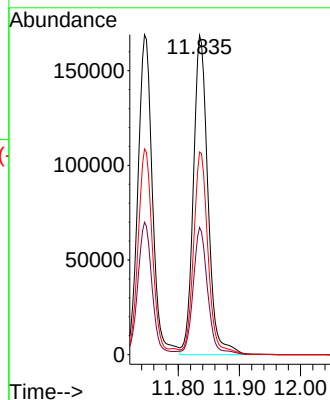
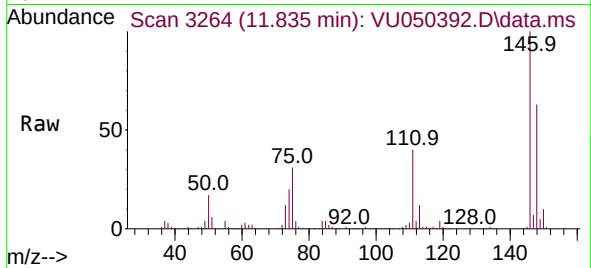




#83
1,4-Dichlorobenzene
Concen: 10.810 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

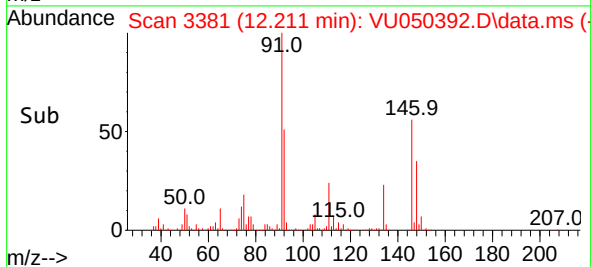
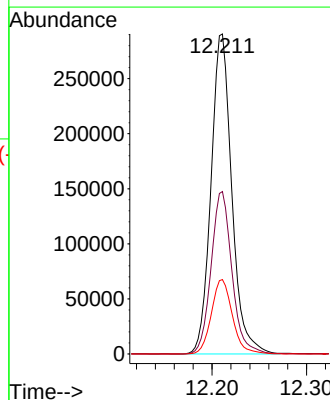
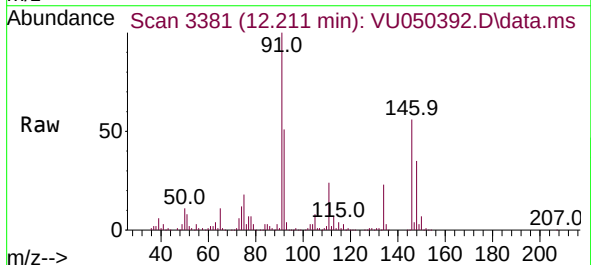
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

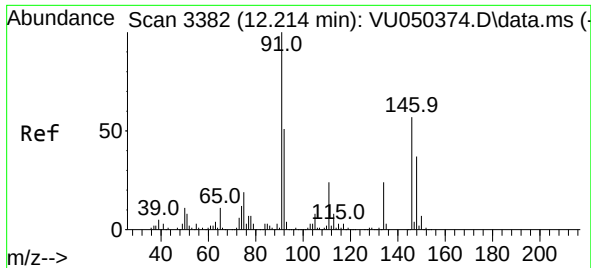
Tgt Ion:146 Resp: 278646
Ion Ratio Lower Upper
146 100
111 39.4 32.6 49.0
148 62.8 51.6 77.4



#84
n-Butylbenzene
Concen: 9.003 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 91 Resp: 444086
Ion Ratio Lower Upper
91 100
92 50.9 42.3 63.5
134 23.5 19.6 29.4

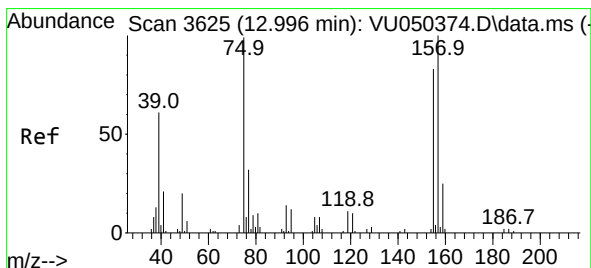
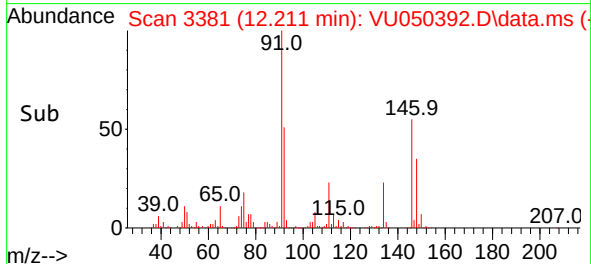
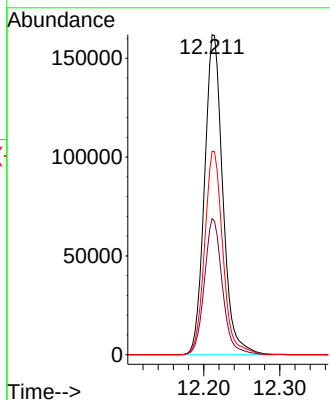
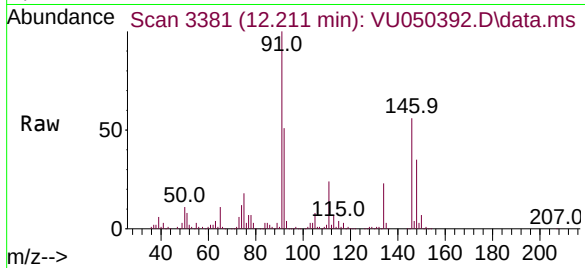




#85
1,2-Dichlorobenzene
Concen: 10.593 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

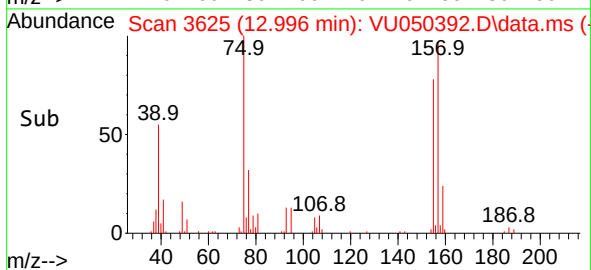
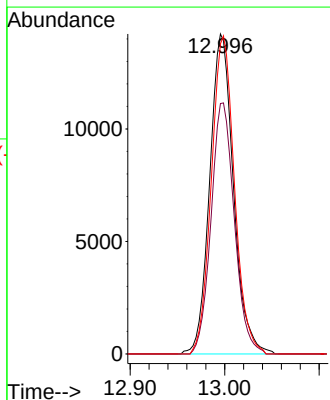
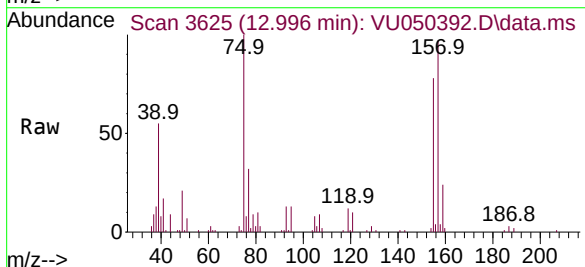
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

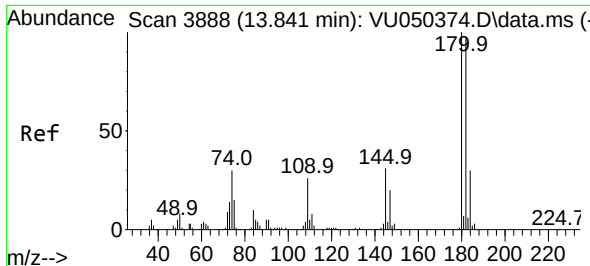
Tgt Ion:146 Resp: 270010
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 63.6 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.678 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion: 75 Resp: 24807
Ion Ratio Lower Upper
75 100
155 76.9 66.8 100.2
157 96.7 83.8 125.8

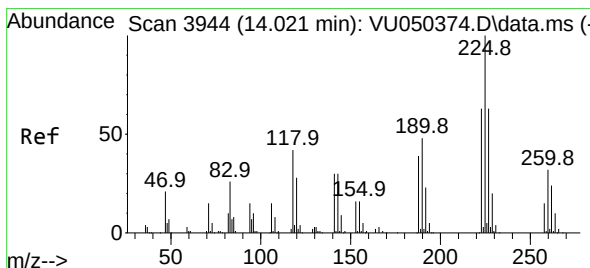
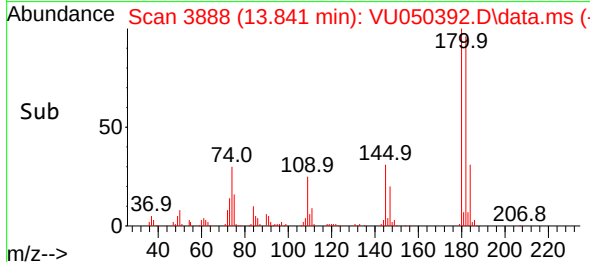
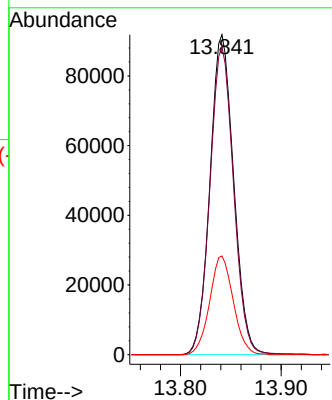
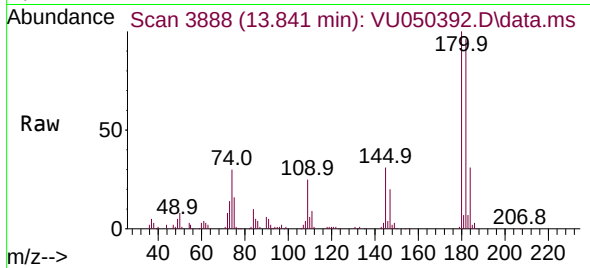




#87
1,2,4-Trichlorobenzene
Concen: 10.339 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

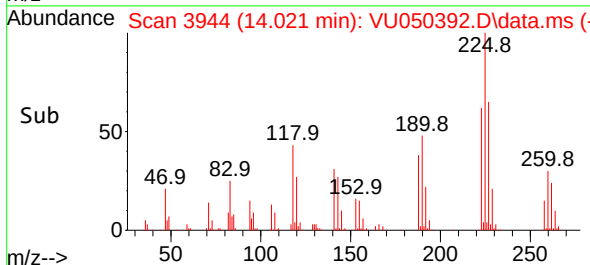
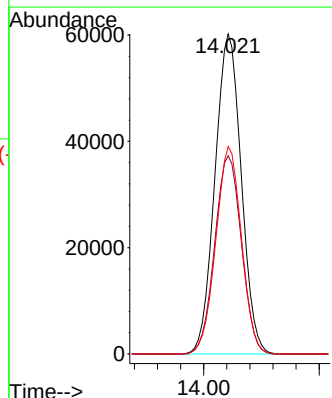
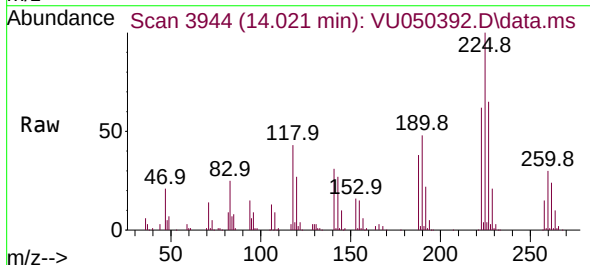
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

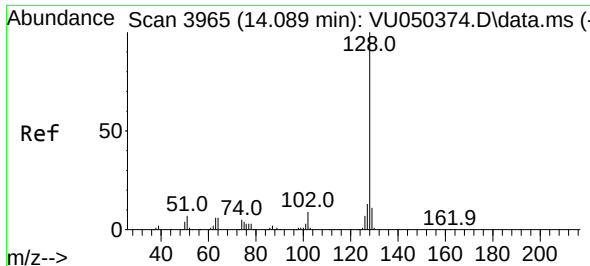
Tgt Ion:180 Resp: 150350
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.6
145 30.7 25.7 38.5



#88
Hexachlorobutadiene
Concen: 10.069 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:225 Resp: 95301
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 63.2 50.7 76.1

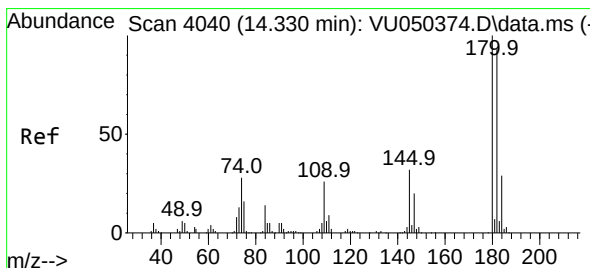
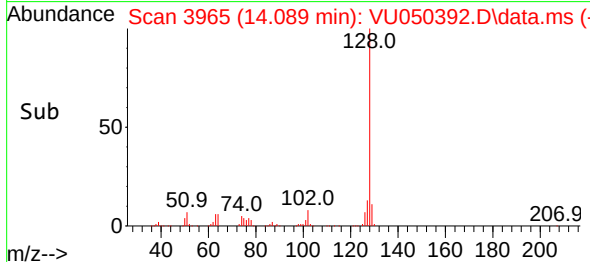
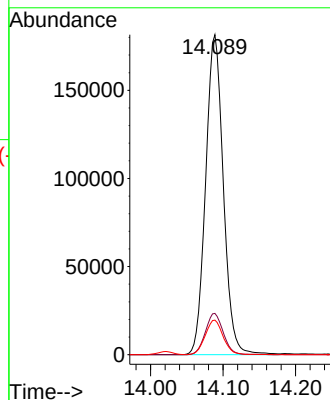
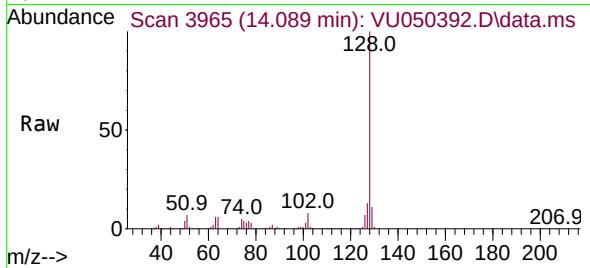




#89
Naphthalene
Concen: 8.024 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 308149
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 8.392 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050392.D
Acq: 22 Aug 2022 09:52

Tgt Ion:180 Resp: 156109
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 33.3 27.3 40.9

