

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048772.D
 Acq On : 01 Jun 2022 05:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 05:49:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	1864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	1443	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	2130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	2357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	608	21.719	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	43.440%#
35) Dibromofluoromethane	5.289	113	497	48.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	7.906	98	1752	47.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.960%
62) 4-Bromofluorobenzene	10.636	95	1528	109.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	218.960%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1018	37.059	ug/l	89
4) Vinyl Chloride	1.803	62	78	3.066	ug/l	# 1
5) Bromomethane	1.858	94	400	26.155	ug/l	# 71
6) Chloroethane	1.919	64	249	16.147	ug/l	# 66
8) Diethyl Ether	2.279	74	40	2.983	ug/l	# 1
10) Methyl Iodide	2.716	142	44	4.404	ug/l	# 37
11) Tert butyl alcohol	3.186	59	47	6.622	ug/l	# 28
12) 1,1-Dichloroethene	2.369	96	40	2.108	ug/l	# 1
13) Acrolein	2.488	56	139	55.800	ug/l	# 14
14) Allyl chloride	2.922	41	43	1.170	ug/l	# 28
15) Acrylonitrile	3.089	53	58	3.768	ug/l	# 17
16) Acetone	2.626	43	462	32.384	ug/l	# 42
17) Carbon Disulfide	2.793	76	716	12.928	ug/l	# 75
18) Methyl Acetate	2.951	43	524	14.629	ug/l	# 51
20) Methylene Chloride	3.038	84	834	34.378	ug/l	# 95
23) Vinyl Acetate	3.700	43	3037	51.715	ug/l	# 64
25) 2-Butanone	4.623	43	47	2.293	ug/l	# 49
29) Tetrahydrofuran	5.064	42	328	25.408	ug/l	# 66
30) Chloroform	5.125	83	311	7.301	ug/l	# 17
31) Cyclohexane	5.391	56	2969	84.159	ug/l	# 95
36) 1,1-Dichloropropene	5.375	75	21	1.398	ug/l	# 17
37) Ethyl Acetate	4.623	43	47	2.474	ug/l	# 68
38) Carbon Tetrachloride	5.372	117	20	1.160	ug/l	# 13
39) Methylcyclohexane	6.761	83	8806	558.966	ug/l	# 88
40) Benzene	5.771	78	1020	22.995	ug/l	96
41) Methacrylonitrile	4.990	41	41	4.272	ug/l	# 22
43) Isopropyl Acetate	5.967	43	140	5.078	ug/l	# 60
47) Bromodichloromethane	7.150	83	231	13.691	ug/l	# 24
48) Methyl methacrylate	6.977	41	578	46.703	ug/l	# 26
51) 4-Methyl-2-Pentanone	7.793	43	357	19.943	ug/l	# 34
52) Toluene	7.967	92	135	5.088	ug/l	# 1
55) 1,1,2-Trichloroethane	8.372	97	961	82.068	ug/l	# 14
56) Ethyl methacrylate	8.369	69	220	13.881	ug/l	# 1
59) 2-Hexanone	8.694	43	766	52.123	ug/l	# 26
65) Chlorobenzene	9.446	112	122	2.708	ug/l	# 42
67) Ethyl Benzene	9.575	91	5648	74.334	ug/l	94

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

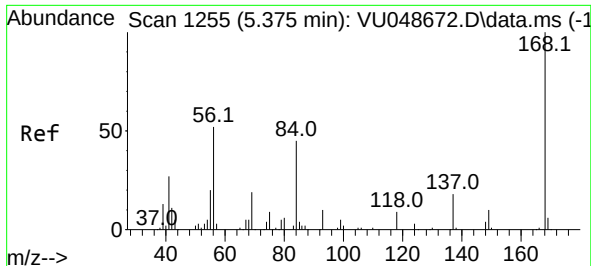
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

68) m/p-Xylenes	9.700	106	2847	95.804	ug/l	90
69) o-Xylene	10.105	106	159	5.446	ug/l #	1
70) Styrene	10.137	104	44	0.916	ug/l #	1
73) Isopropylbenzene	10.485	105	1973	12.966	ug/l	91
74) N-amyl acetate	10.314	43	156	4.392	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	10.761	83	144	2.319	ug/l #	25
76) 1,2,3-Trichloropropane	10.636	75	689	9.066	ug/l #	45
78) n-propylbenzene	10.909	91	5897	32.523	ug/l	91
79) 2-Chlorotoluene	10.983	91	414	3.672	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.086	105	5291	39.984	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.636	75	689	32.919	ug/l #	17
82) 4-Chlorotoluene	11.089	91	781	6.003	ug/l #	46
83) tert-Butylbenzene	11.423	119	189	1.488	ug/l #	26
84) 1,2,4-Trimethylbenzene	11.468	105	11145	77.480	ug/l	97
85) sec-Butylbenzene	11.642	105	1391	8.755	ug/l	92
86) p-Isopropyltoluene	11.793	119	1888	13.837	ug/l #	72
87) 1,3-Dichlorobenzene	11.841	146	259	3.233	ug/l	81
88) 1,4-Dichlorobenzene	11.841	146	259	3.129	ug/l	79
89) n-Butylbenzene	12.211	91	5194	38.553	ug/l #	64
90) Hexachloroethane	12.465	117	377	13.538	ug/l #	10
91) 1,2-Dichlorobenzene	12.218	146	62	0.766	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.845	180	538	10.129	ug/l #	55
95) Naphthalene	14.089	128	56107	289.633	ug/l	97
96) 1,2,3-Trichlorobenzene	14.327	180	389	7.394	ug/l #	3

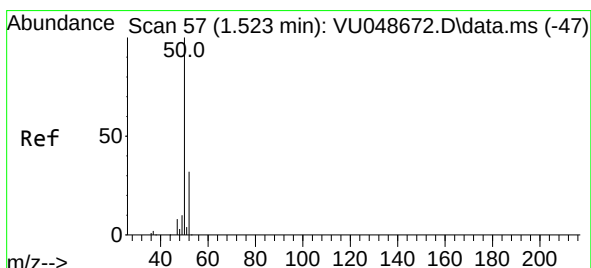
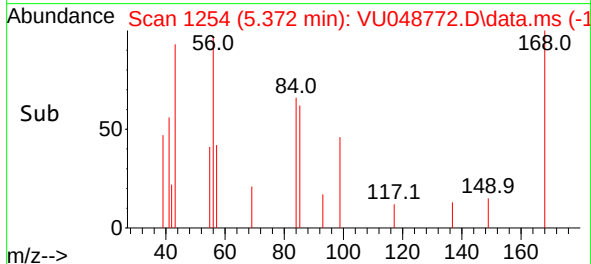
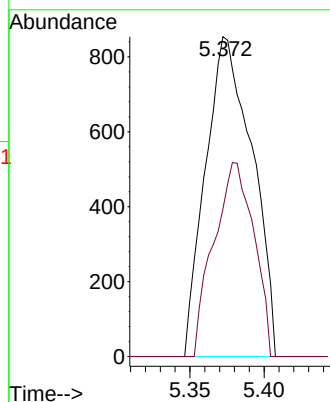
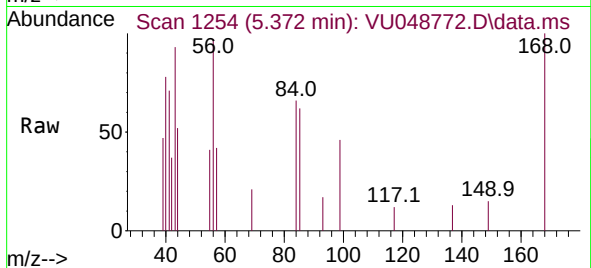
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

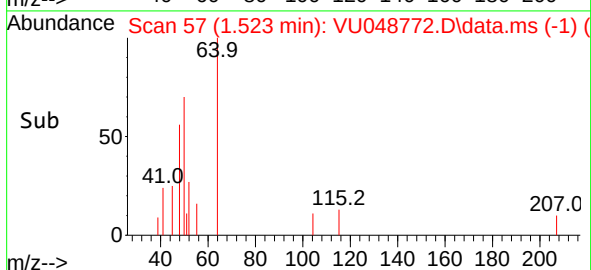
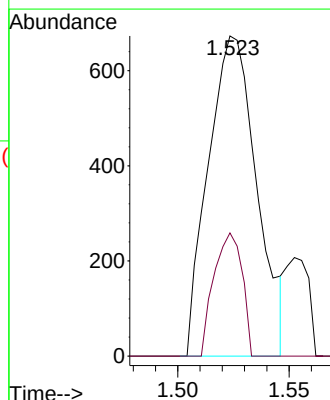
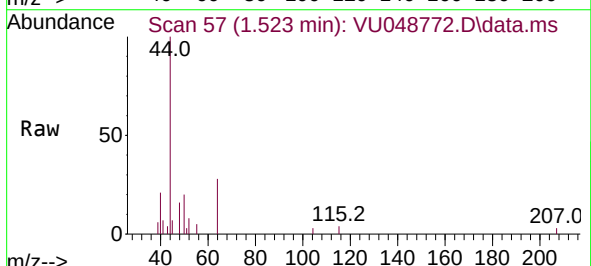
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

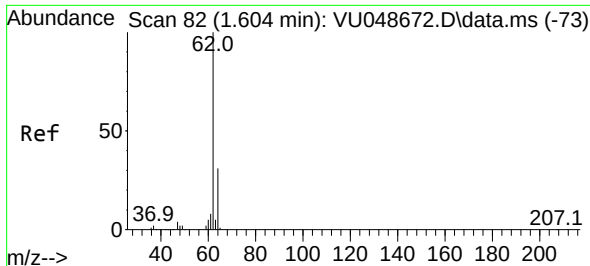
Tgt Ion:168 Resp: 1864
Ion Ratio Lower Upper
168 100
99 46.1 49.3 73.9#



#3
Chloromethane
Concen: 37.059 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 38.5 25.7 38.5

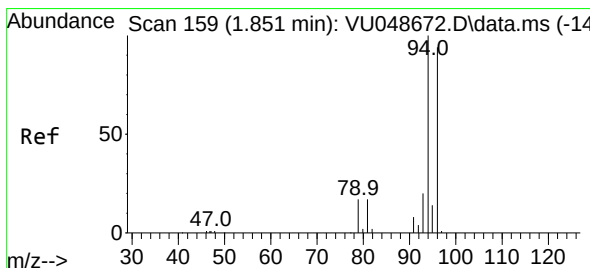
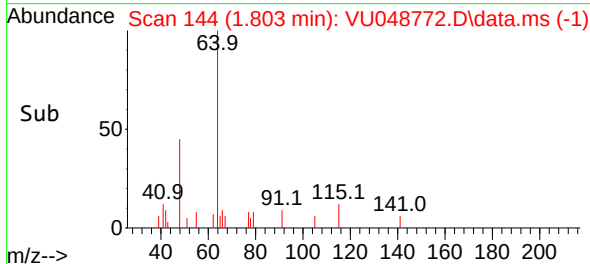
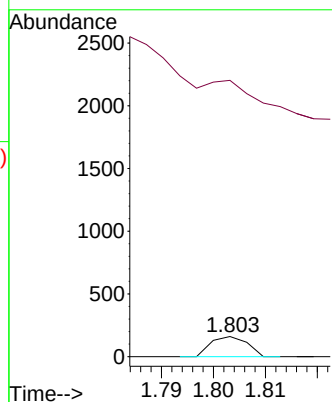
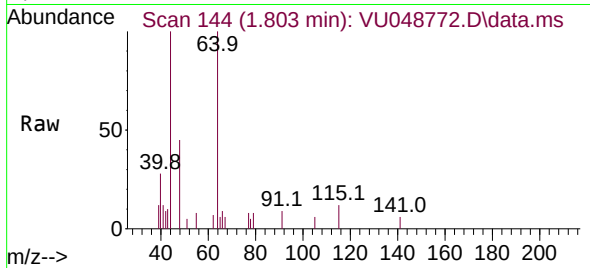




#4
 Vinyl Chloride
 Concen: 3.066 ug/l
 RT: 1.803 min Scan# 14
 Delta R.T. 0.199 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

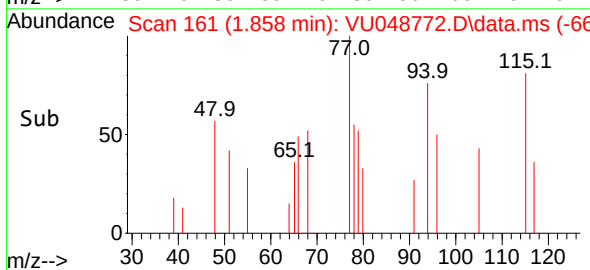
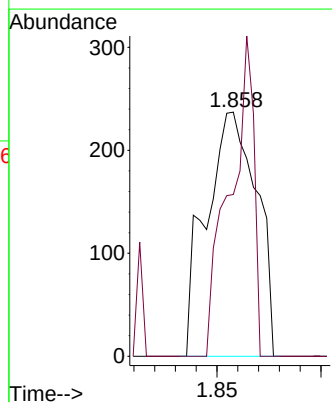
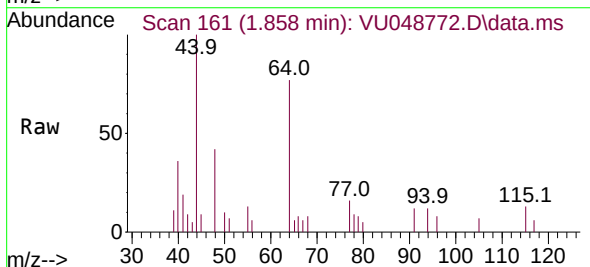
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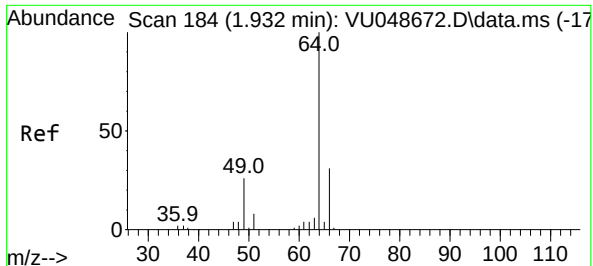
Tgt Ion: 62 Resp: 78
 Ion Ratio Lower Upper
 62 100
 64 130.6 25.2 37.8#



#5
 Bromomethane
 Concen: 26.155 ug/l
 RT: 1.858 min Scan# 161
 Delta R.T. 0.007 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion: 94 Resp: 400
 Ion Ratio Lower Upper
 94 100
 96 66.2 75.1 112.7#

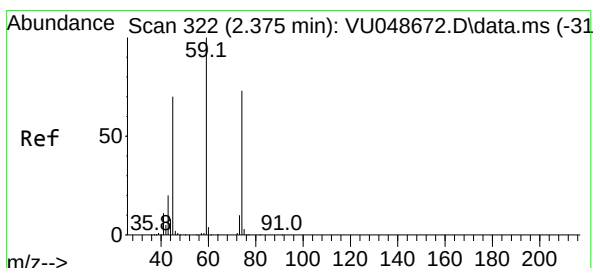
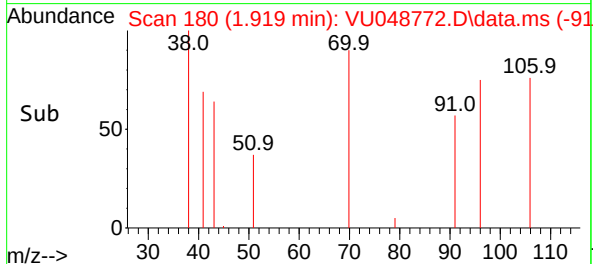
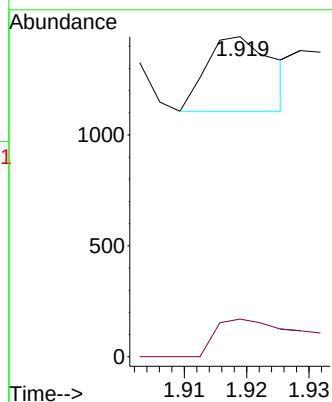
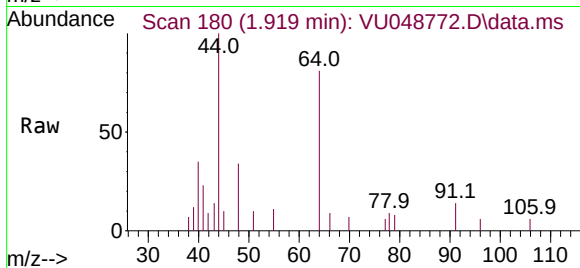




#6
Chloroethane
Concen: 16.147 ug/l
RT: 1.919 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

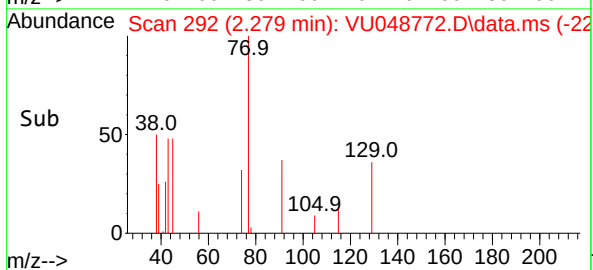
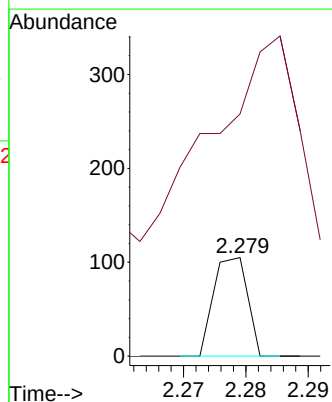
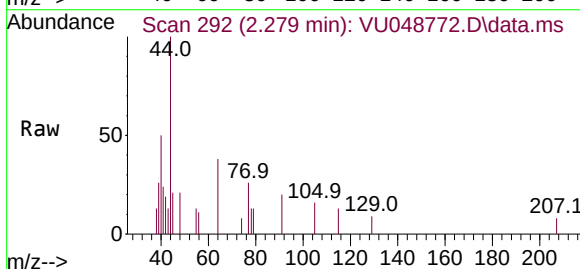
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

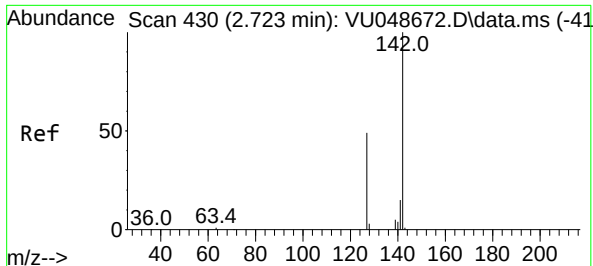
Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 50.6 25.2 37.8#



#8
Diethyl Ether
Concen: 2.983 ug/l
RT: 2.279 min Scan# 292
Delta R.T. -0.096 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 74 Resp: 40
Ion Ratio Lower Upper
74 100
45 1020.0 47.7 143.1#

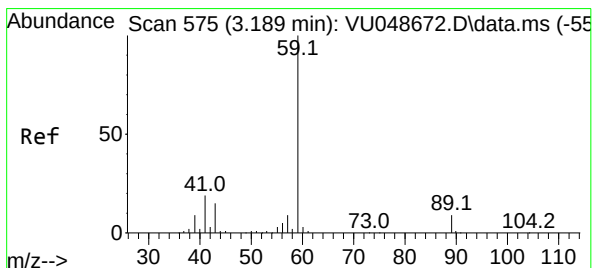
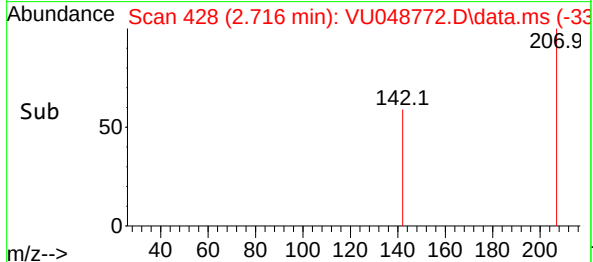
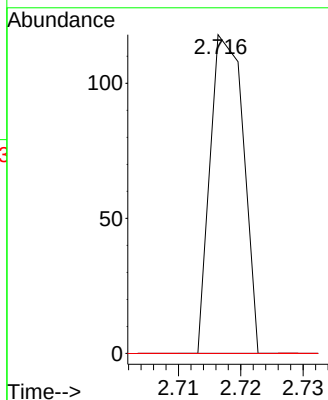
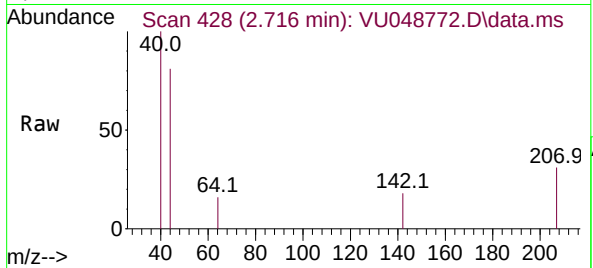




#10
Methyl Iodide
Concen: 4.404 ug/l
RT: 2.716 min Scan# 430
Delta R.T. -0.007 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

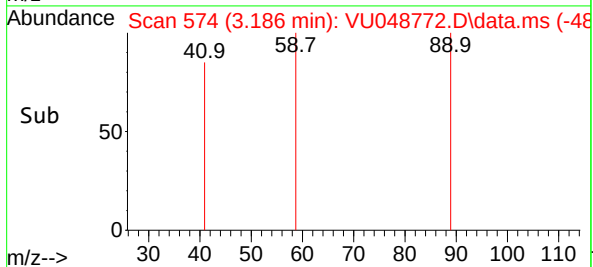
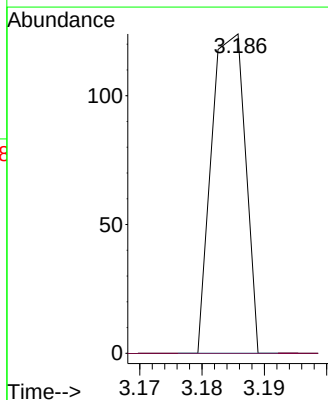
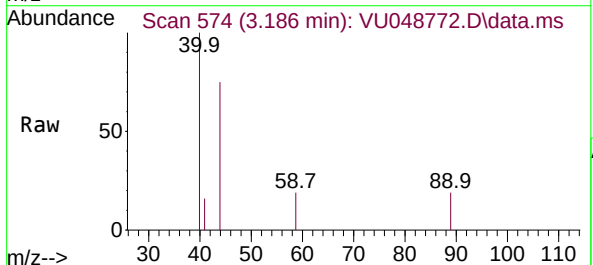
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ClientSampleId :
VSTDCCC050EC

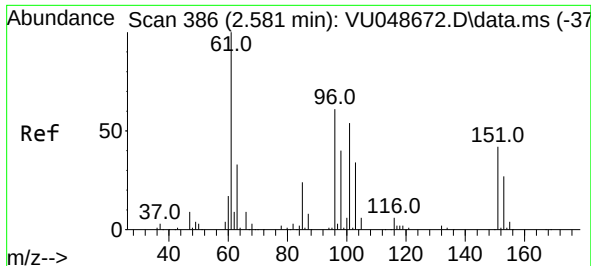
Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 6.622 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#12

1,1-Dichloroethene

Concen: 2.108 ug/l

RT: 2.369 min Scan# 31

Delta R.T. -0.212 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

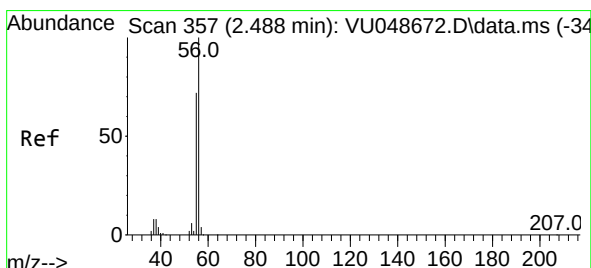
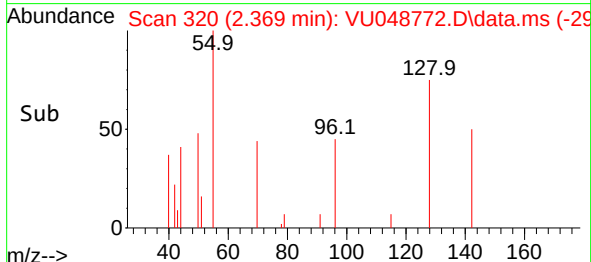
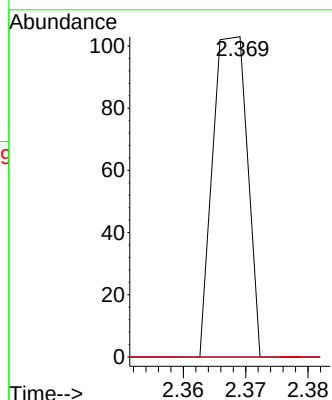
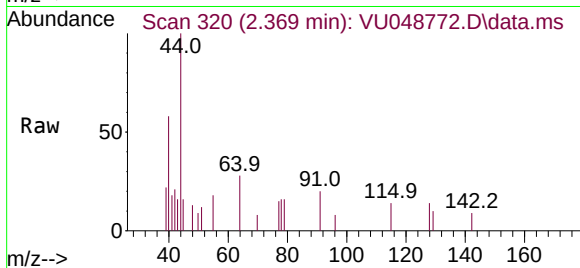
Tgt Ion: 96 Resp: 40

Ion Ratio Lower Upper

96 100

61 0.0 131.1 196.7#

98 0.0 51.8 77.8#



#13

Acrolein

Concen: 55.800 ug/l

RT: 2.488 min Scan# 357

Delta R.T. 0.000 min

Lab File: VU048772.D

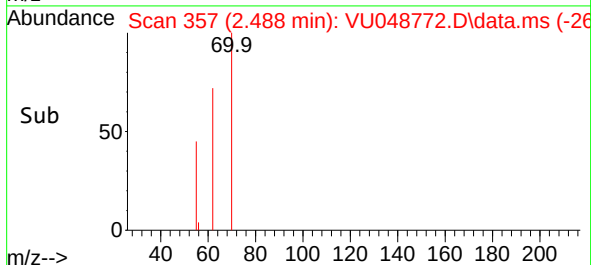
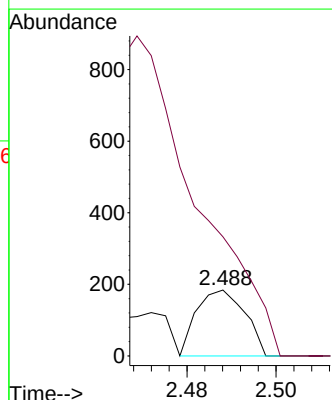
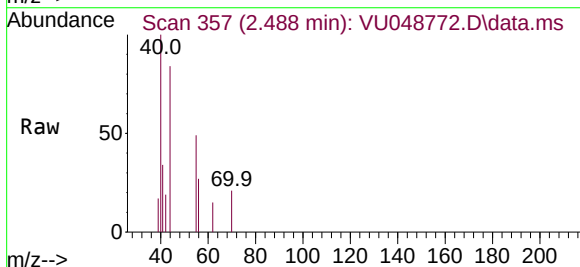
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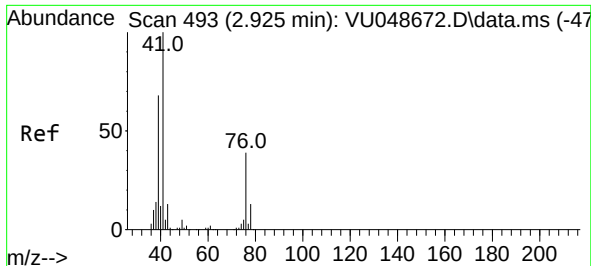
Tgt Ion: 56 Resp: 139

Ion Ratio Lower Upper

56 100

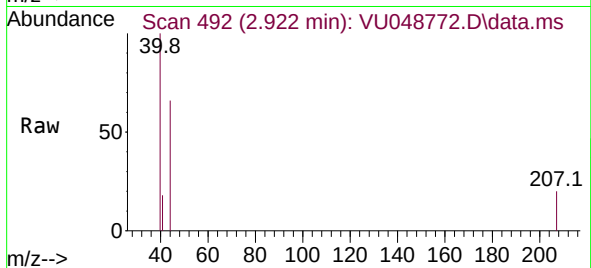
55 0.0 57.7 86.5#



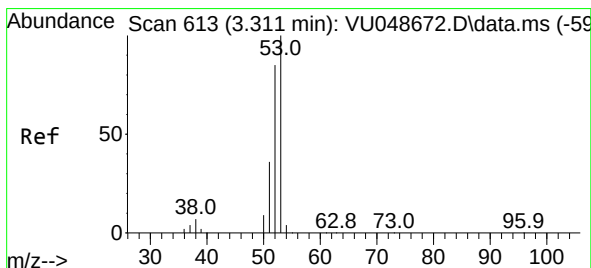
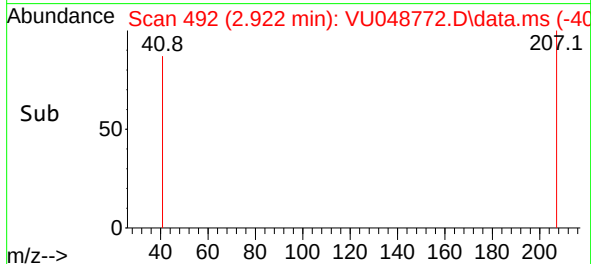
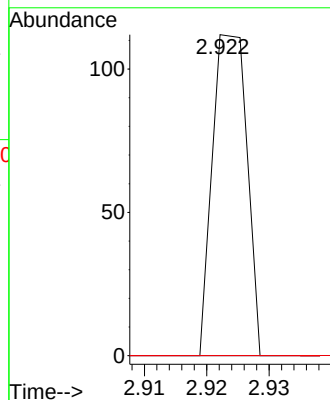


#14
 Allyl chloride
 Concen: 1.170 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

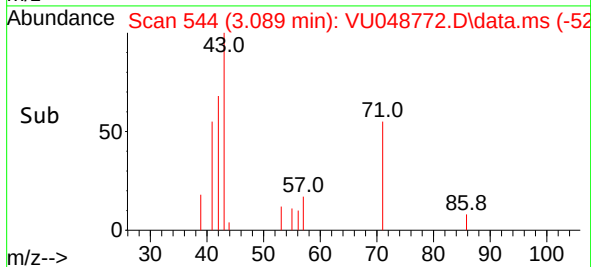
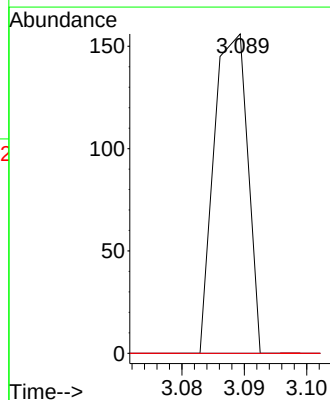
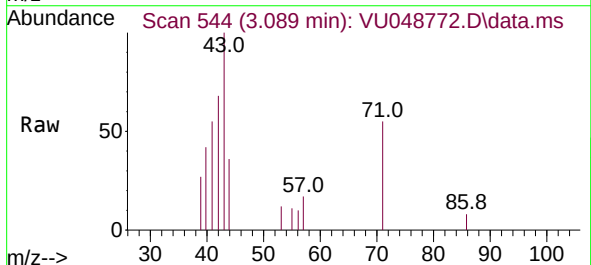


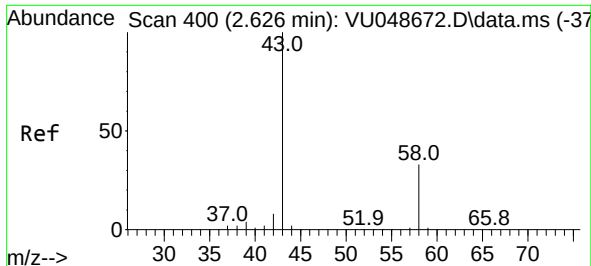
Tgt Ion: 41 Resp: 43
 Ion Ratio Lower Upper
 41 100
 39 0.0 48.6 72.8#
 76 0.0 27.0 40.4#



#15
 Acrylonitrile
 Concen: 3.768 ug/l
 RT: 3.089 min Scan# 544
 Delta R.T. -0.222 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion: 53 Resp: 58
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.3 99.5#
 51 0.0 28.6 42.8#





#16

Acetone

Concen: 32.384 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

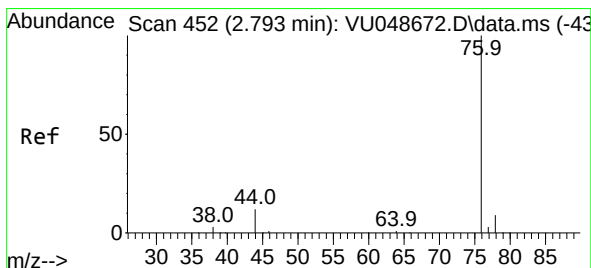
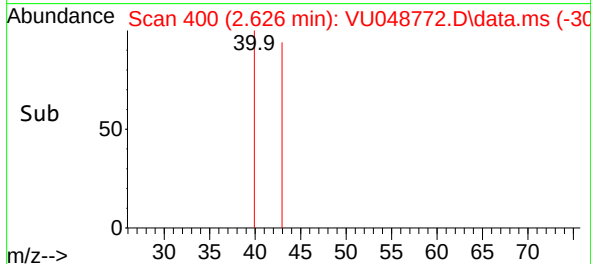
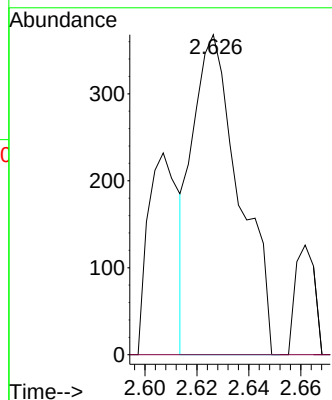
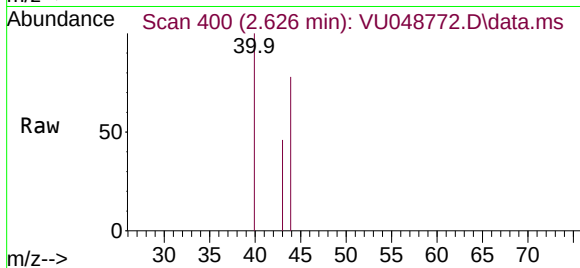
VSTDCCC050EC

Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

58 0.0 26.3 39.5#



#17

Carbon Disulfide

Concen: 12.928 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048772.D

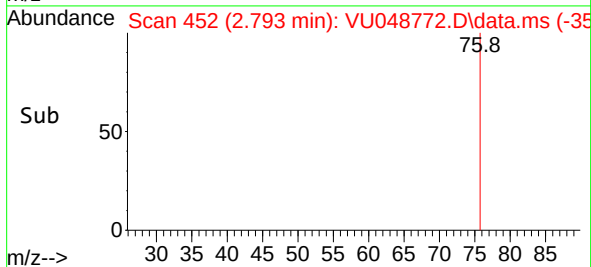
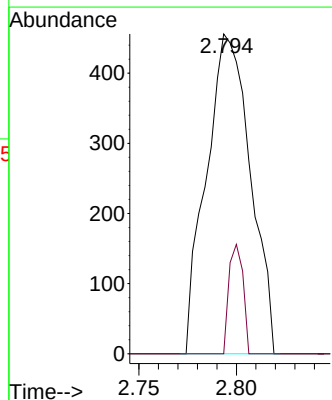
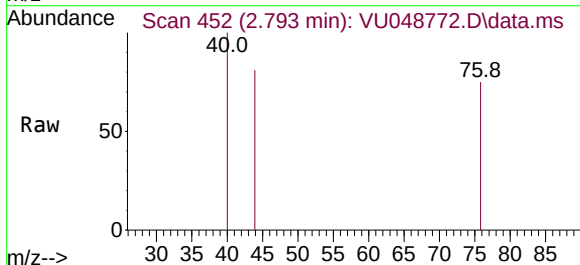
Acq: 01 Jun 2022 05:20

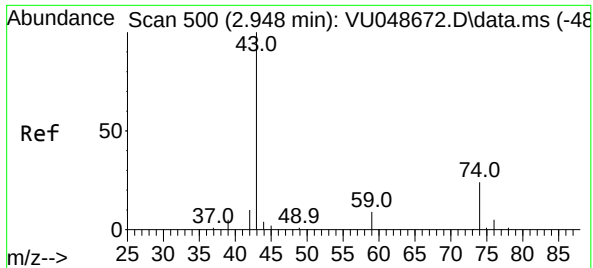
Tgt Ion: 76 Resp: 716

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

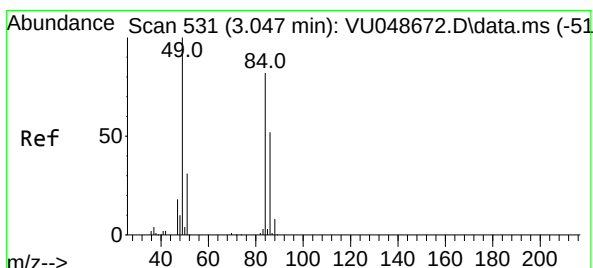
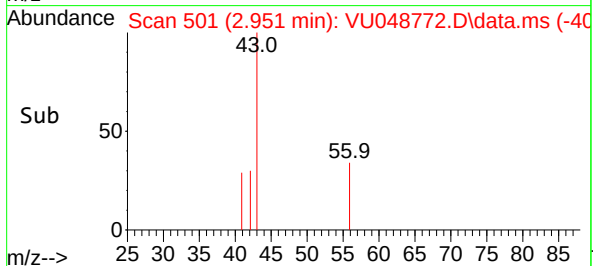
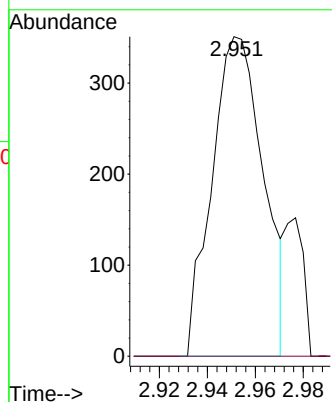
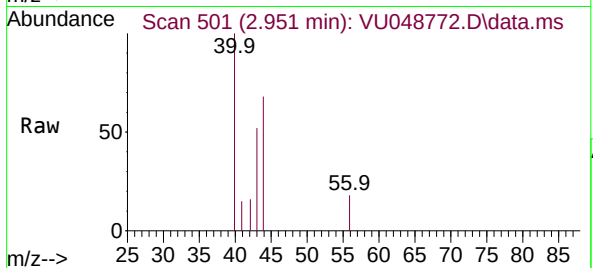




#18
Methyl Acetate
Concen: 14.629 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

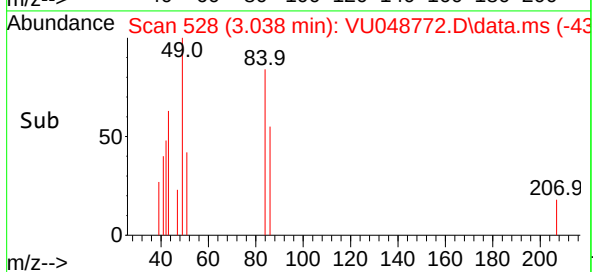
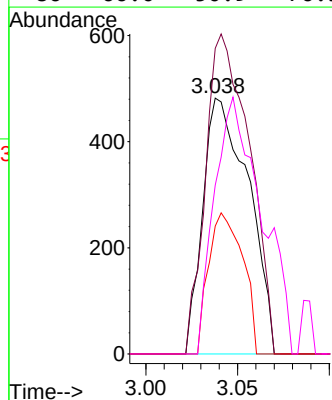
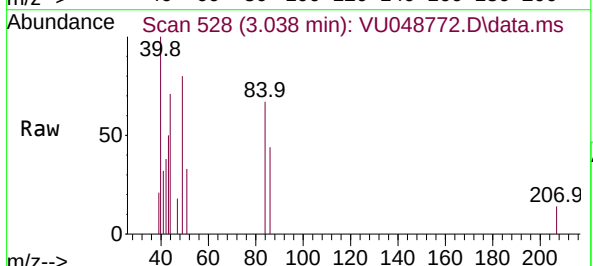
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

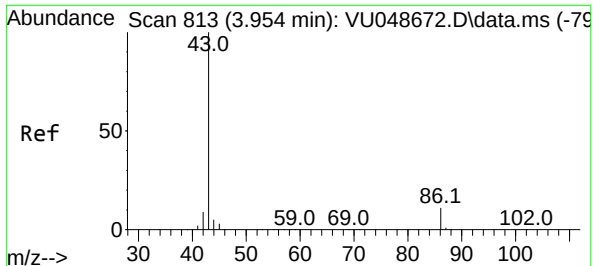
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 34.378 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.010 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 119.5 97.0 145.4
51 50.0 29.8 44.8#
86 66.0 50.9 76.3

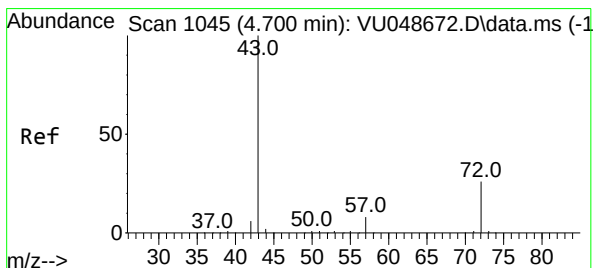
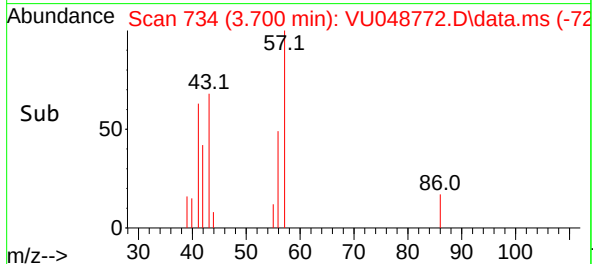
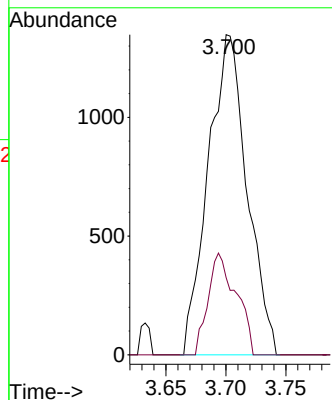
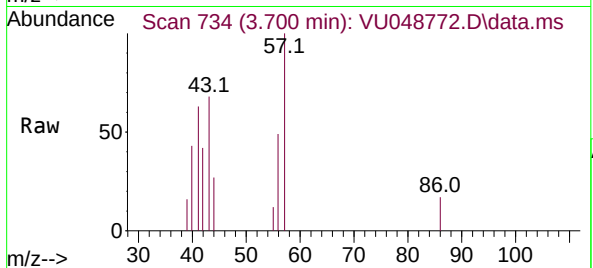




#23
 Vinyl Acetate
 Concen: 51.715 ug/l
 RT: 3.700 min Scan# 71
 Delta R.T. -0.254 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

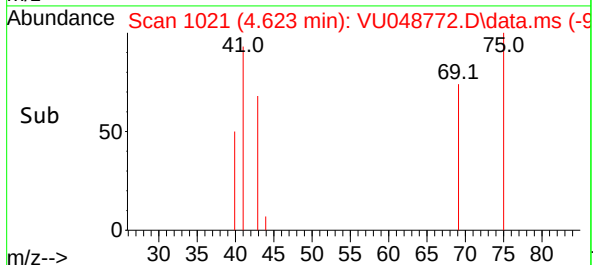
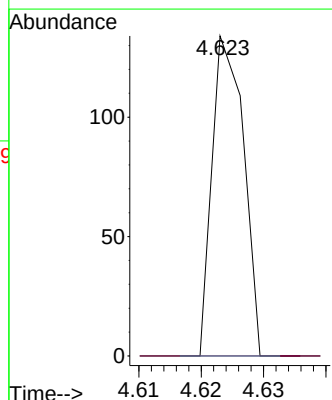
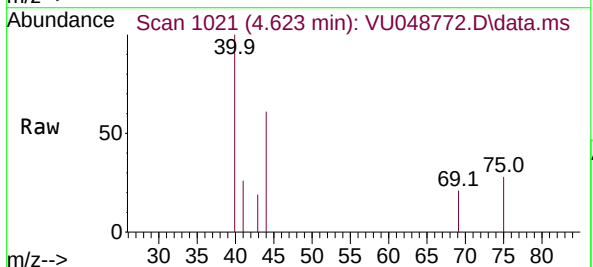
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

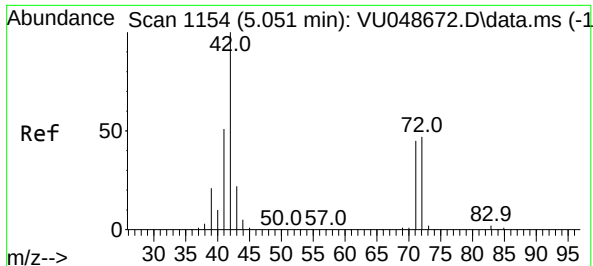
Tgt Ion: 43 Resp: 3037
 Ion Ratio Lower Upper
 43 100
 86 24.1 8.4 12.6#



#25
 2-Butanone
 Concen: 2.293 ug/l
 RT: 4.623 min Scan# 1021
 Delta R.T. -0.077 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion: 43 Resp: 47
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.1 31.7#





#29

Tetrahydrofuran

Concen: 25.408 ug/l

RT: 5.064 min Scan# 1158

Delta R.T. 0.013 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

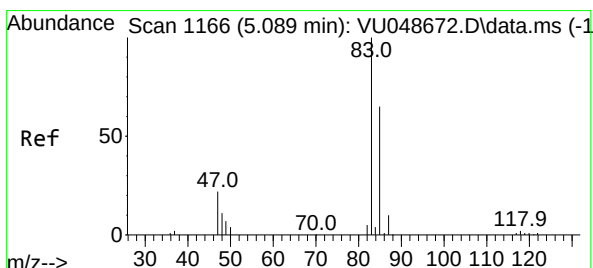
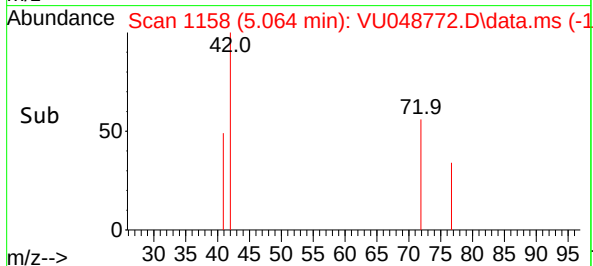
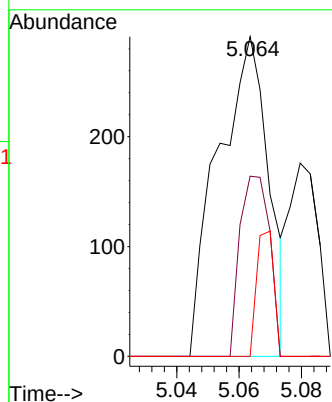
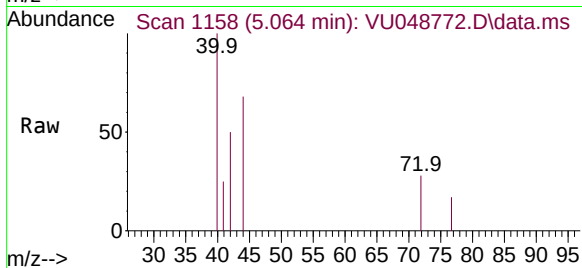
Tgt Ion: 42 Resp: 328

Ion Ratio Lower Upper

42 100

72 32.9 37.6 56.4#

71 13.1 35.0 52.4#



#30

Chloroform

Concen: 7.301 ug/l

RT: 5.125 min Scan# 1177

Delta R.T. 0.035 min

Lab File: VU048772.D

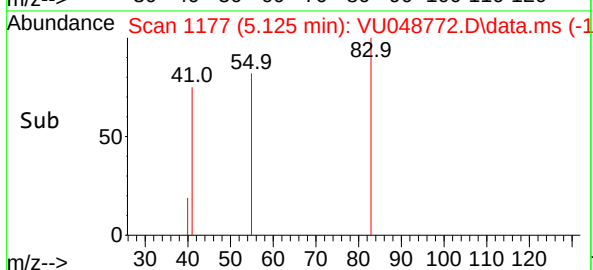
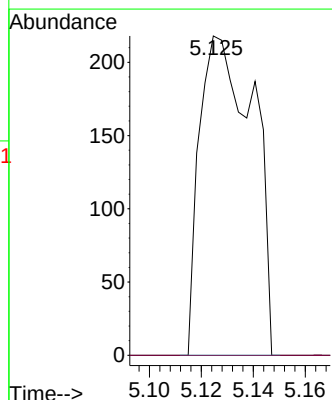
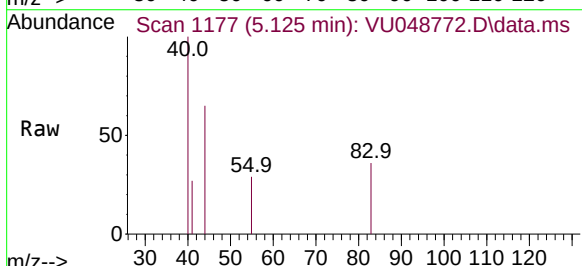
Acq: 01 Jun 2022 05:20

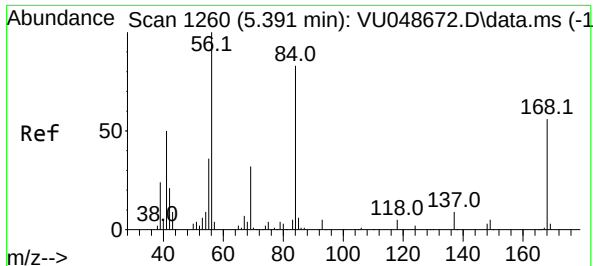
Tgt Ion: 83 Resp: 311

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.2#

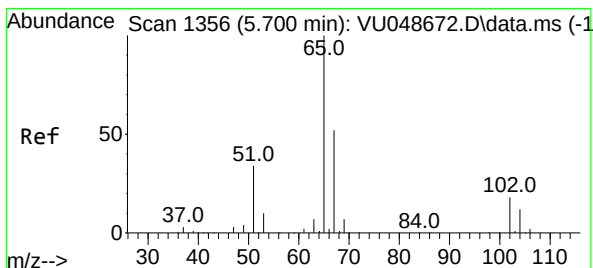
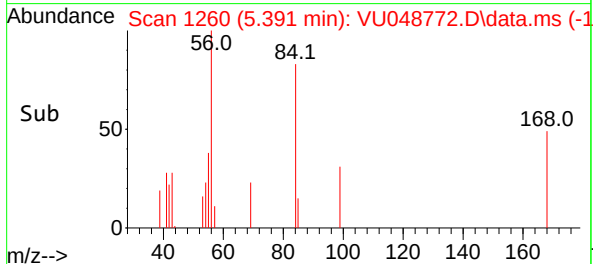
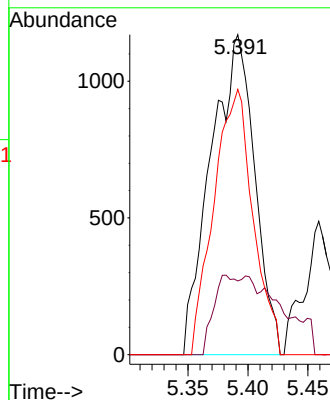
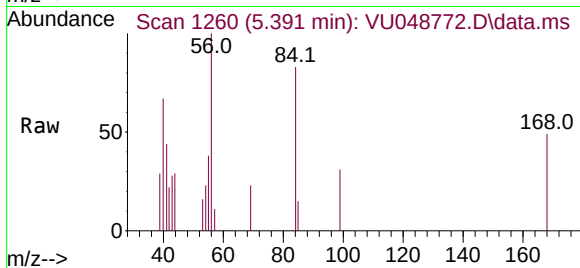




#31
Cyclohexane
Concen: 84.159 ug/l
RT: 5.391 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

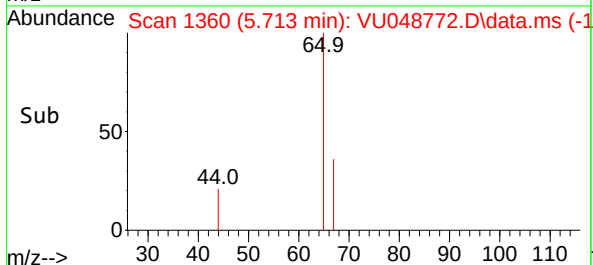
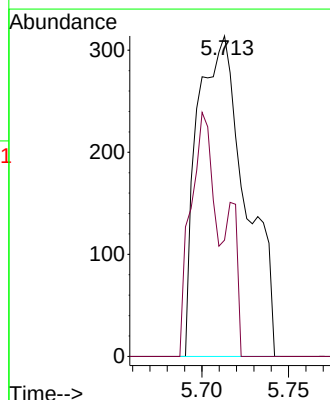
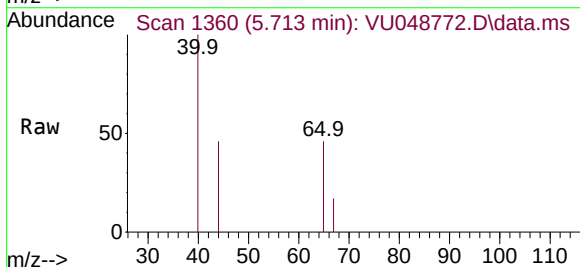
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

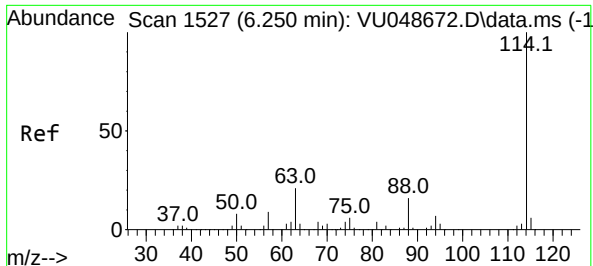
Tgt Ion: 56 Resp: 2969
Ion Ratio Lower Upper
56 100
69 23.1 25.6 38.4#
84 82.9 66.2 99.4



#33
1,2-Dichloroethane-d4
Concen: 21.719 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.013 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 65 Resp: 608
Ion Ratio Lower Upper
65 100
67 37.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

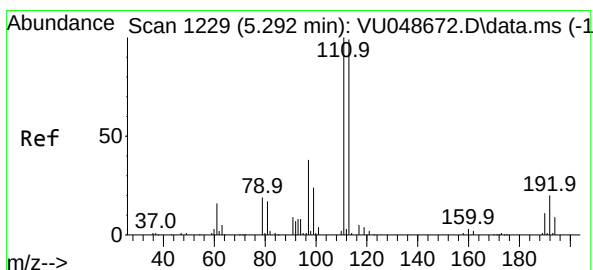
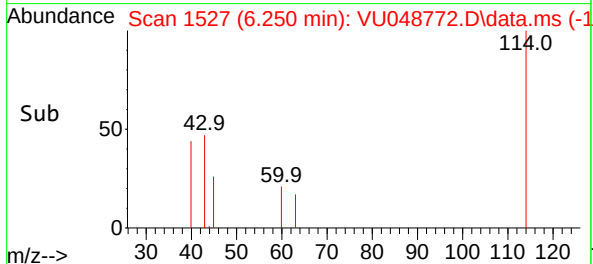
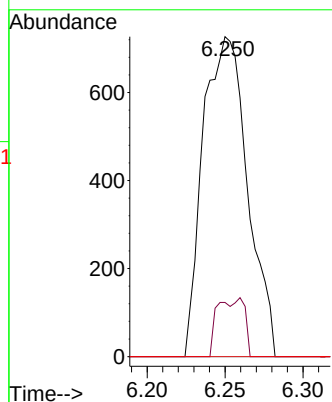
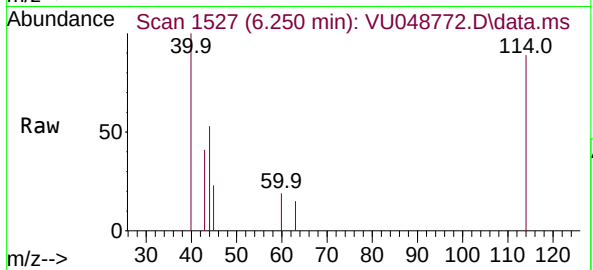
Tgt Ion:114 Resp: 1443

Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.6

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.277 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

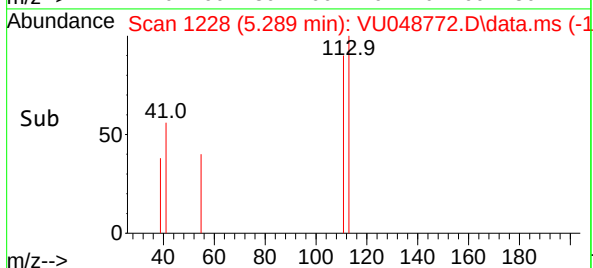
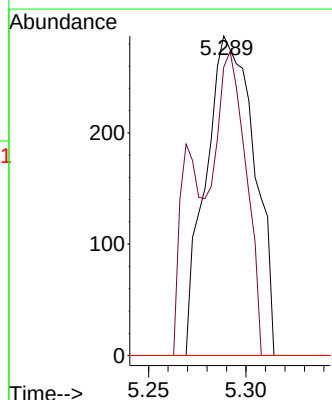
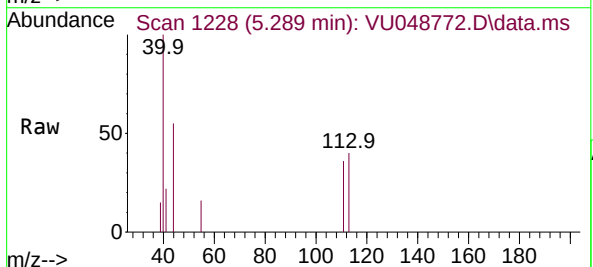
Tgt Ion:113 Resp: 497

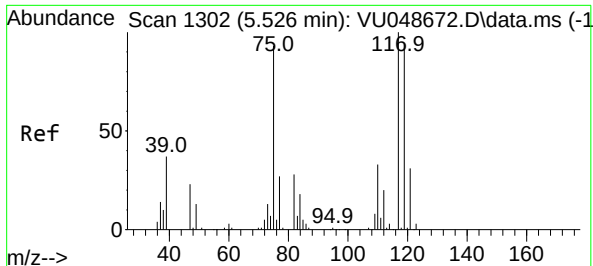
Ion Ratio Lower Upper

113 100

111 60.8 80.7 121.1#

192 0.0 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 1.398 ug/l

RT: 5.375 min Scan# 1021

Delta R.T. -0.151 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

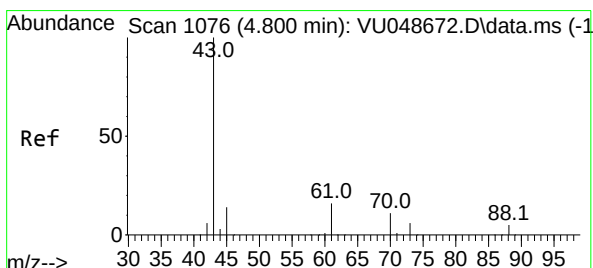
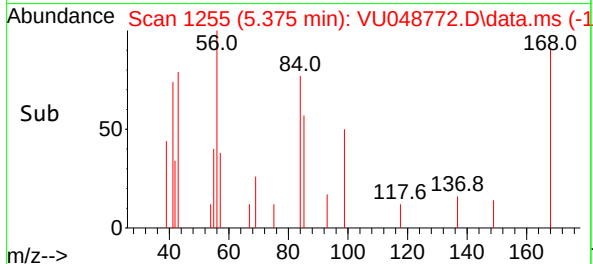
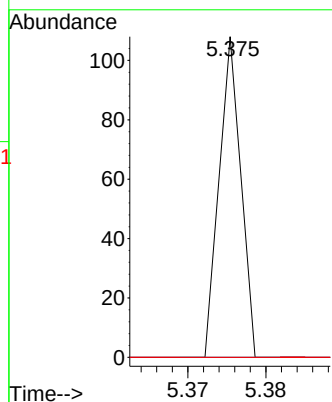
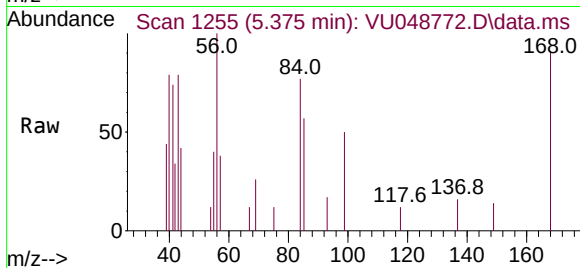
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

110 0.0 17.4 52.3#

77 90.5 24.8 37.2#



#37

Ethyl Acetate

Concen: 2.474 ug/l

RT: 4.623 min Scan# 1021

Delta R.T. -0.177 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

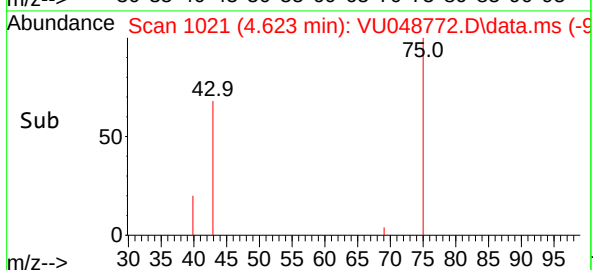
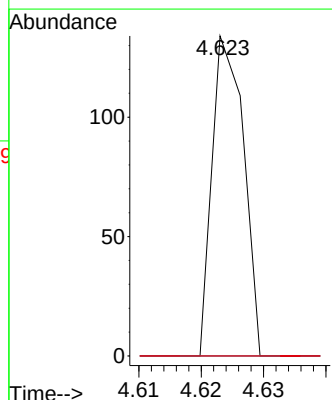
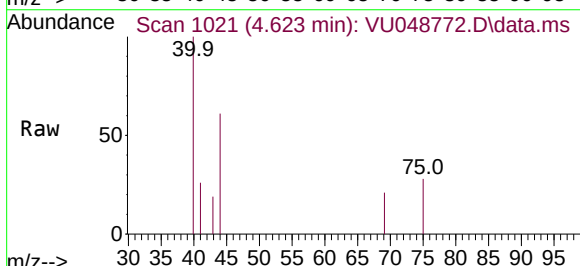
Tgt Ion: 43 Resp: 47

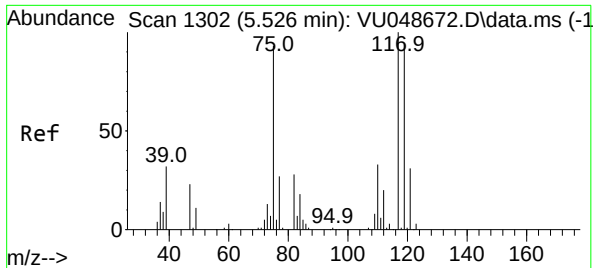
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#

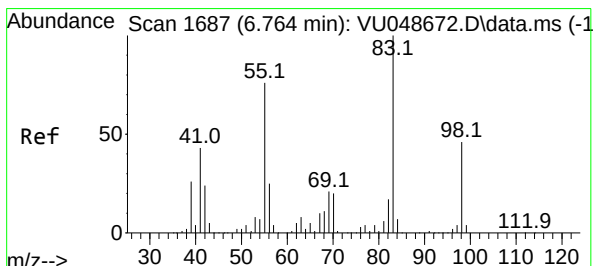
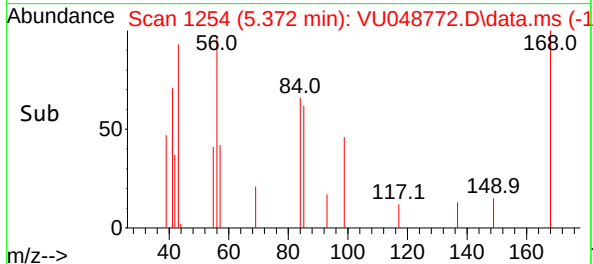
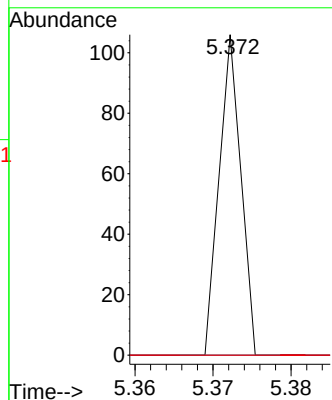
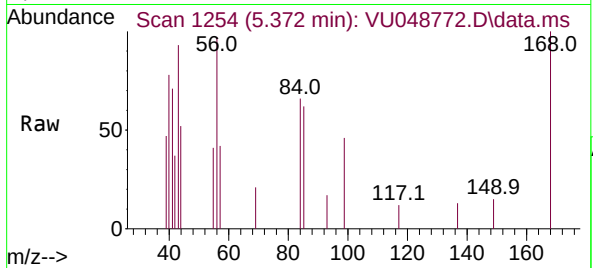




#38
Carbon Tetrachloride
Concen: 1.160 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

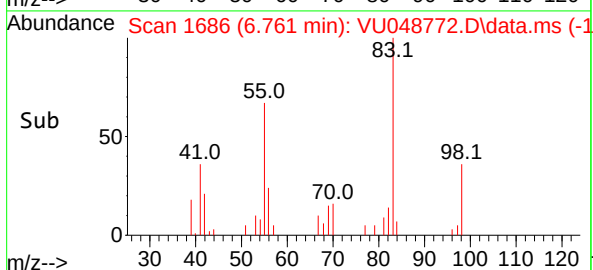
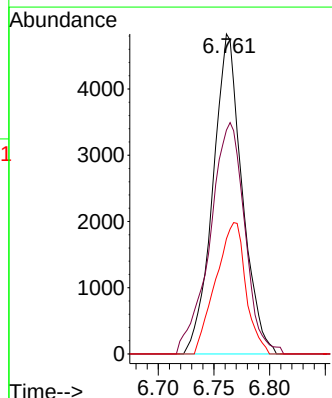
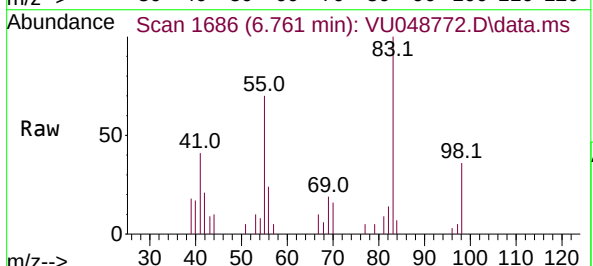
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

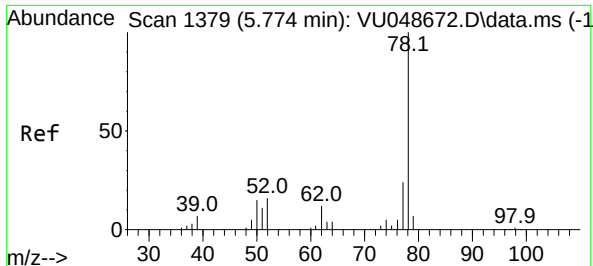
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 558.966 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 83 Resp: 8806
Ion Ratio Lower Upper
83 100
55 67.8 61.0 91.6
98 36.0 36.8 55.2#





#40

Benzene

Concen: 22.995 ug/l

RT: 5.771 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

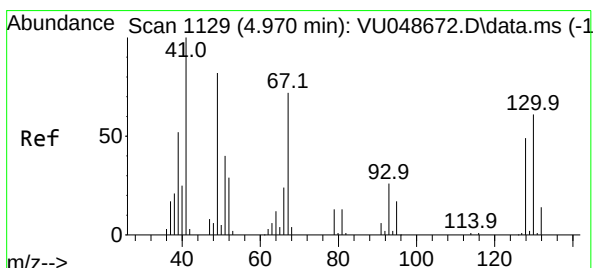
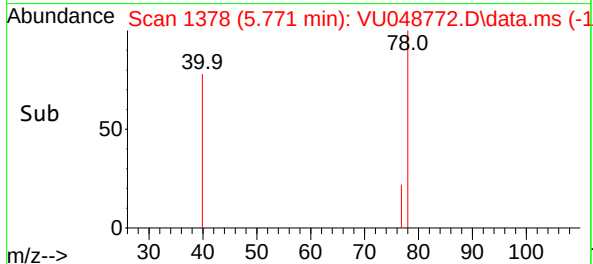
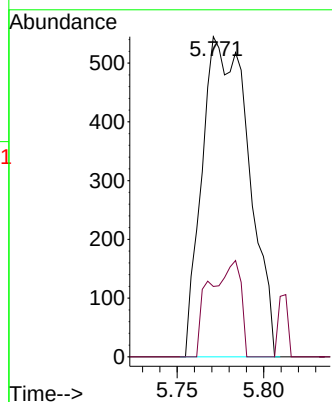
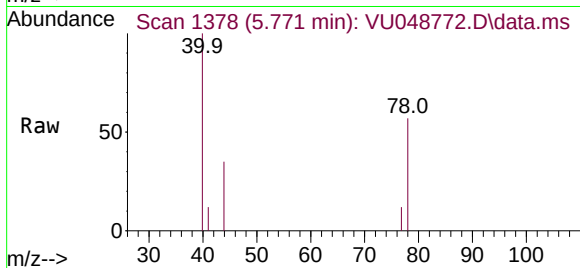
VSTDCCC050EC

Tgt Ion: 78 Resp: 1020

Ion Ratio Lower Upper

78 100

77 22.0 19.0 28.6



#41

Methacrylonitrile

Concen: 4.272 ug/l

RT: 4.990 min Scan# 1135

Delta R.T. 0.019 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Tgt Ion: 41 Resp: 41

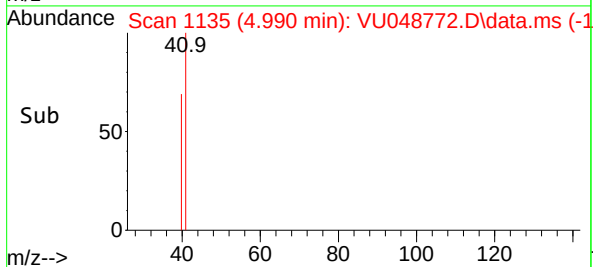
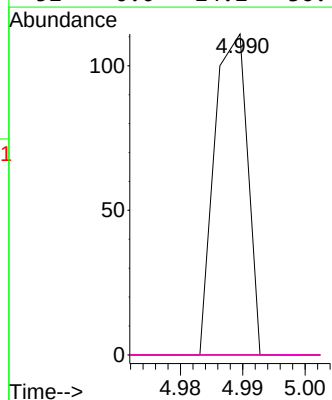
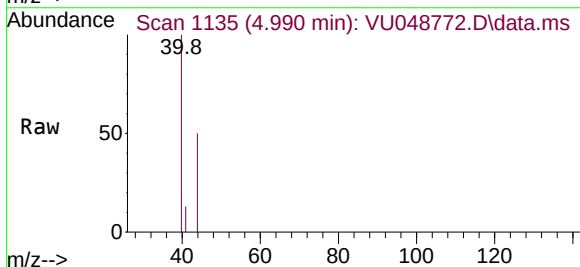
Ion Ratio Lower Upper

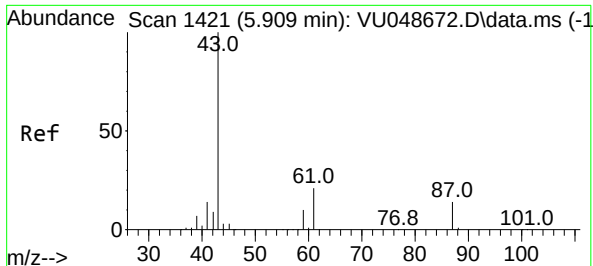
41 100

39 0.0 42.6 64.0#

67 0.0 61.0 91.4#

52 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 5.078 ug/l

RT: 5.967 min Scan# 1421

Delta R.T. 0.058 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

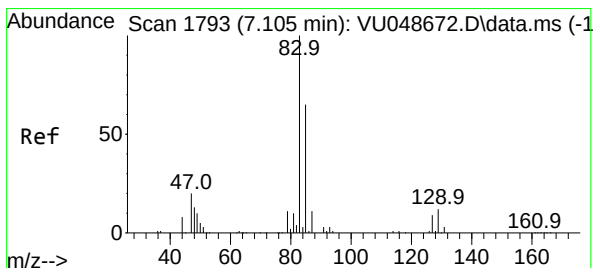
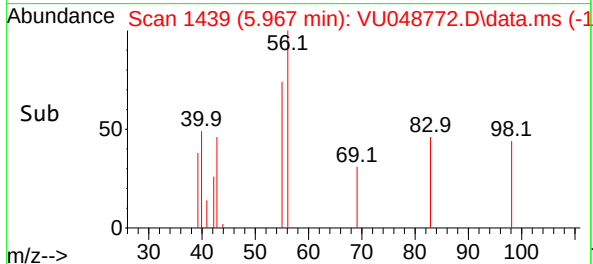
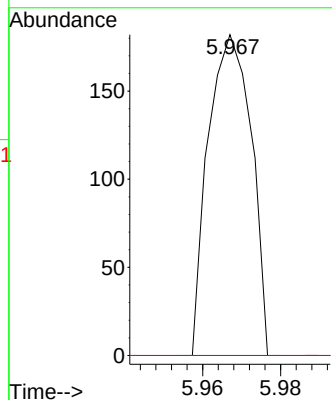
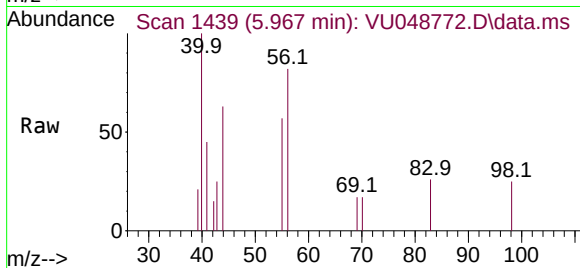
Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

87 0.0 10.9 16.3#



#47

Bromodichloromethane

Concen: 13.691 ug/l

RT: 7.150 min Scan# 1807

Delta R.T. 0.045 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

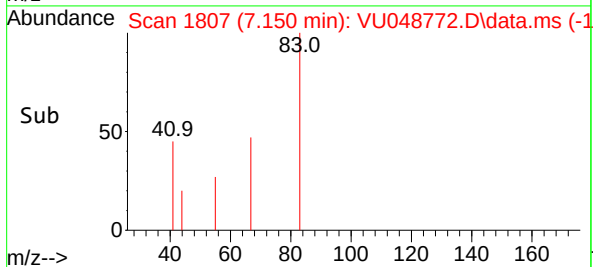
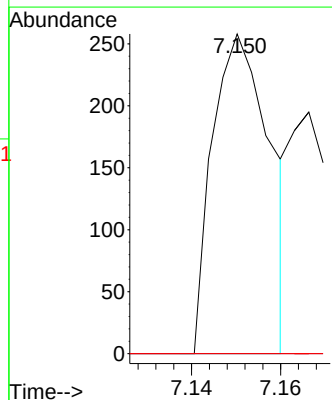
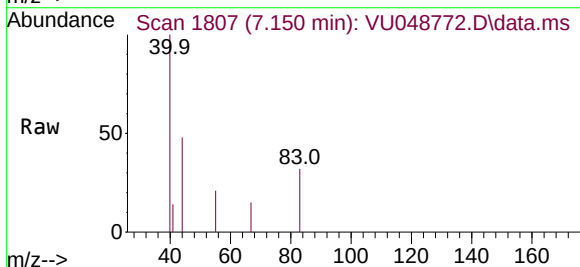
Tgt Ion: 83 Resp: 231

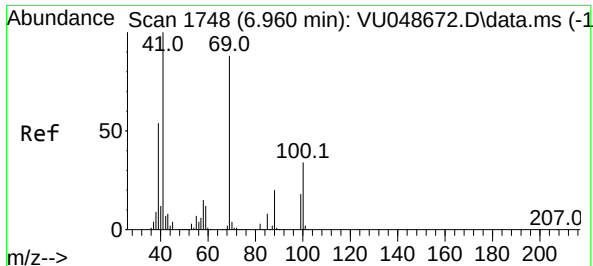
Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#

127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 46.703 ug/l

RT: 6.977 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

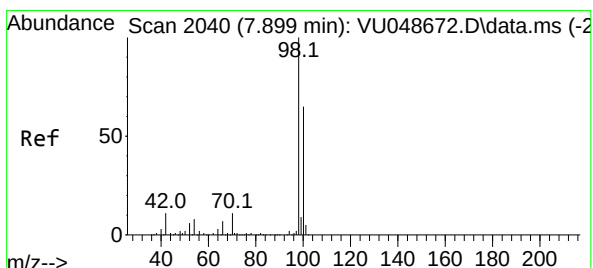
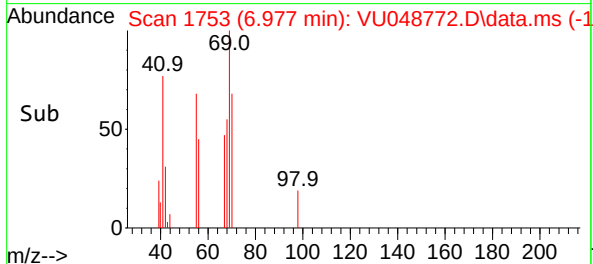
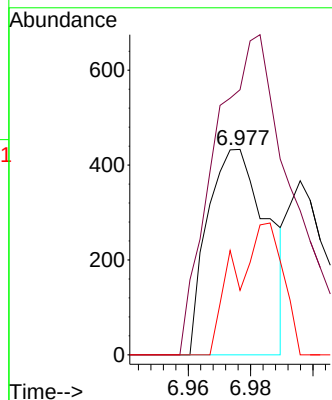
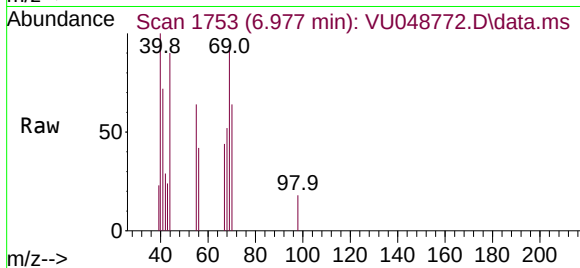
Tgt Ion: 41 Resp: 578

Ion Ratio Lower Upper

41 100

69 197.6 70.7 106.1#

39 50.9 43.4 65.2



#50

Toluene-d8

Concen: 47.476 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.007 min

Lab File: VU048772.D

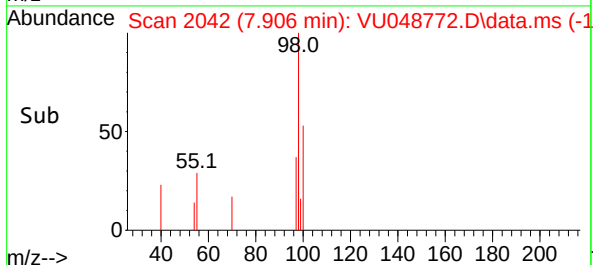
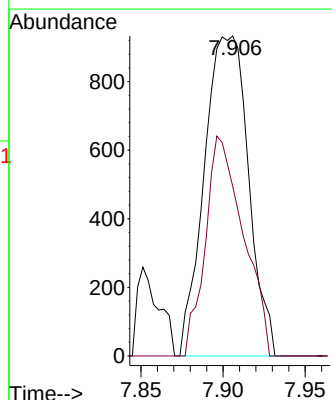
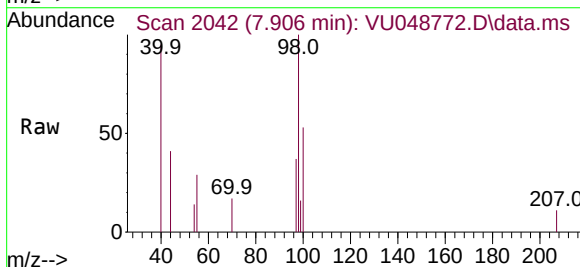
Acq: 01 Jun 2022 05:20

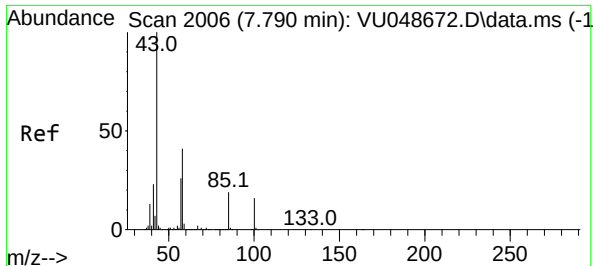
Tgt Ion: 98 Resp: 1752

Ion Ratio Lower Upper

98 100

100 58.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 19.943 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

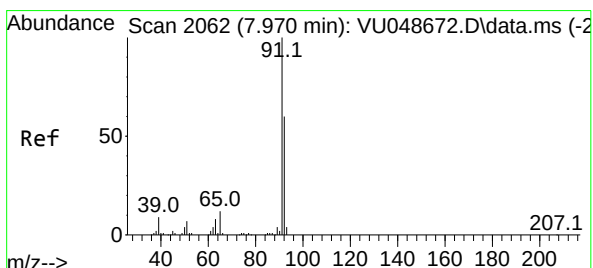
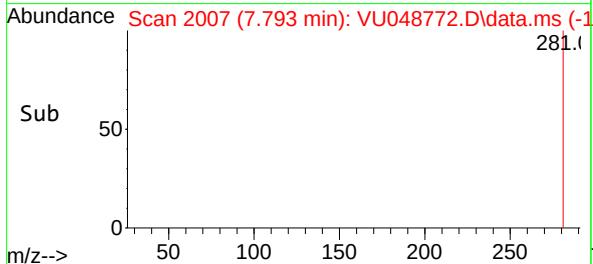
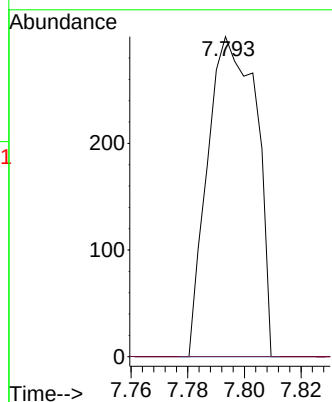
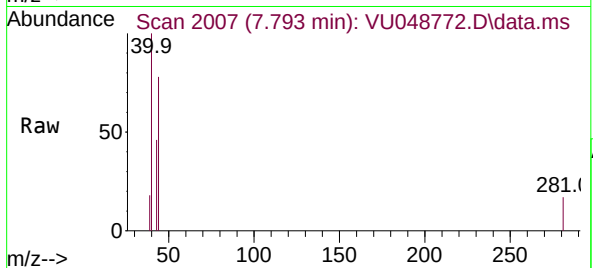
VSTDCCC050EC

Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#52

Toluene

Concen: 5.088 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU048772.D

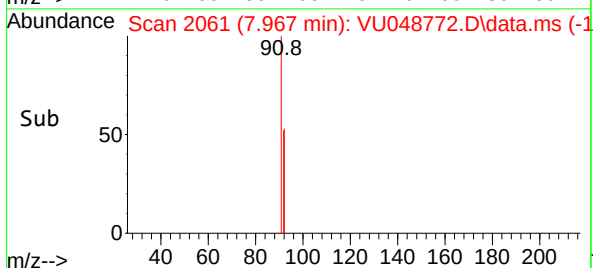
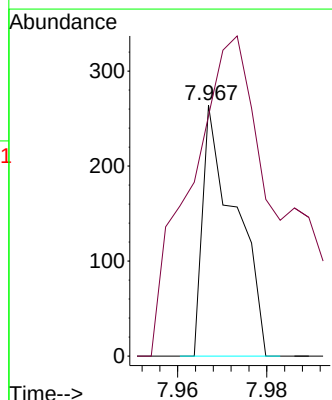
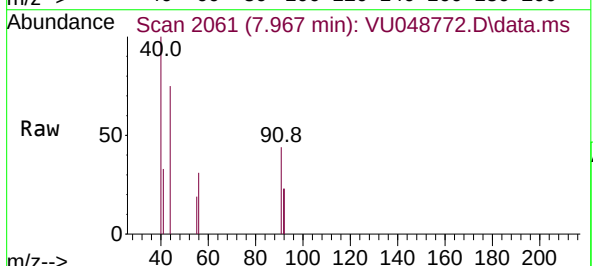
Acq: 01 Jun 2022 05:20

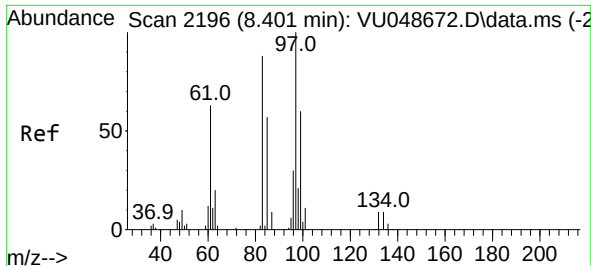
Tgt Ion: 92 Resp: 135

Ion Ratio Lower Upper

92 100

91 337.0 135.0 202.4#





#55

1,1,2-Trichloroethane

Concen: 82.068 ug/l

RT: 8.372 min Scan# 2196

Delta R.T. -0.029 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 961

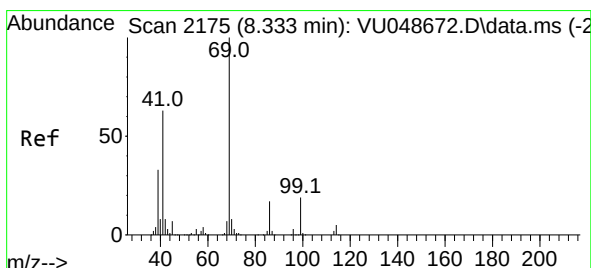
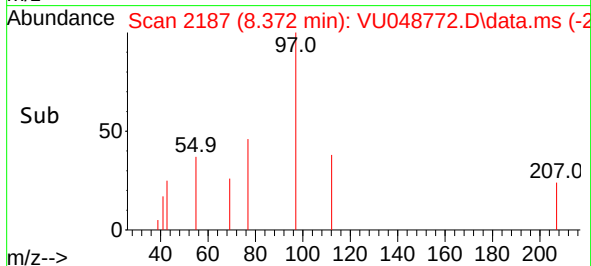
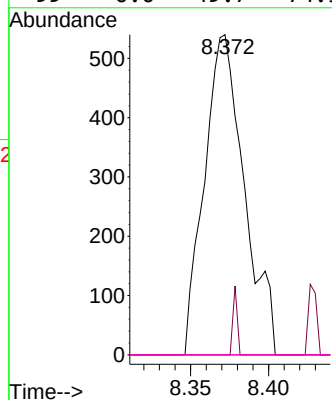
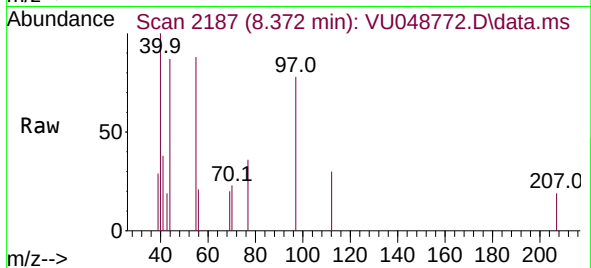
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.4#

85 0.0 45.6 68.4#

99 0.0 49.7 74.5#



#56

Ethyl methacrylate

Concen: 13.881 ug/l

RT: 8.369 min Scan# 2186

Delta R.T. 0.036 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

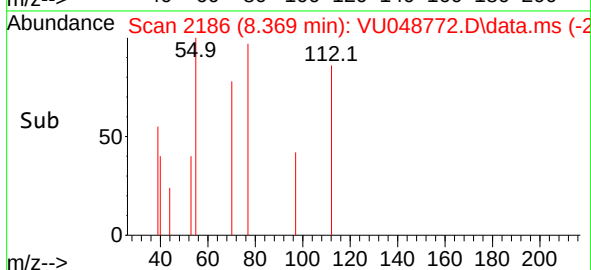
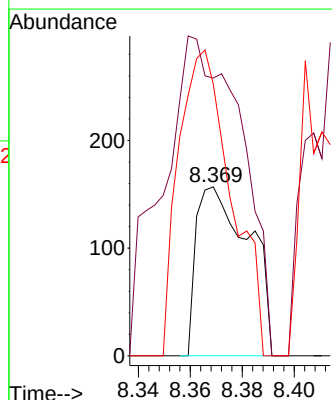
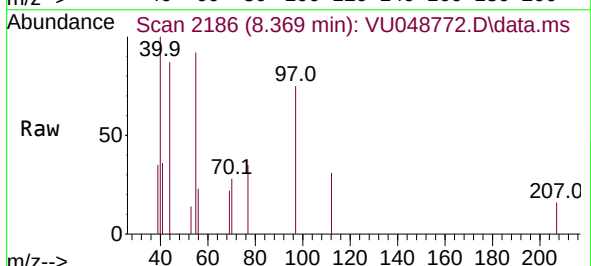
Tgt Ion: 69 Resp: 220

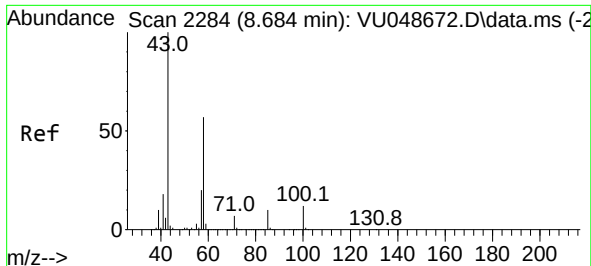
Ion Ratio Lower Upper

69 100

41 285.5 50.6 76.0#

39 181.8 26.6 40.0#

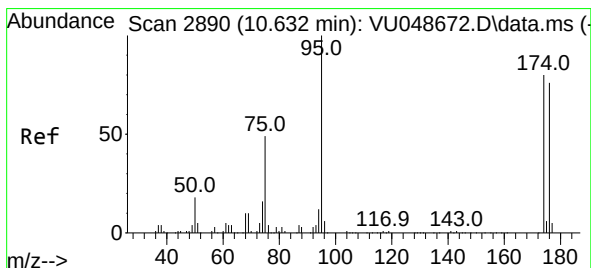
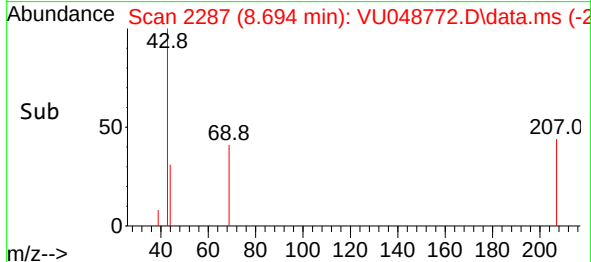
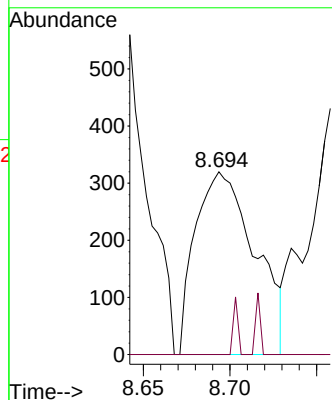
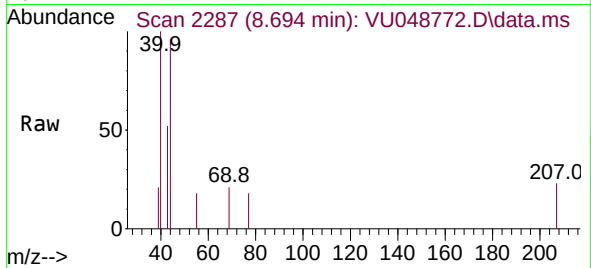




#59
2-Hexanone
Concen: 52.123 ug/l
RT: 8.694 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

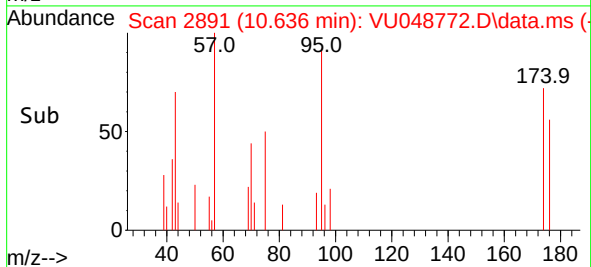
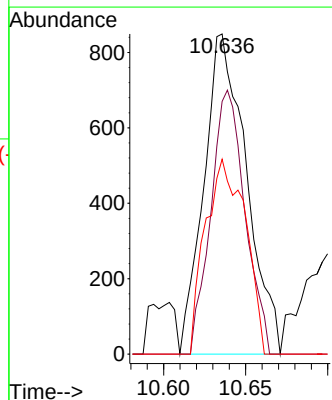
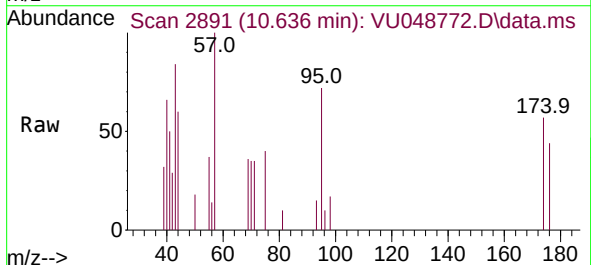
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

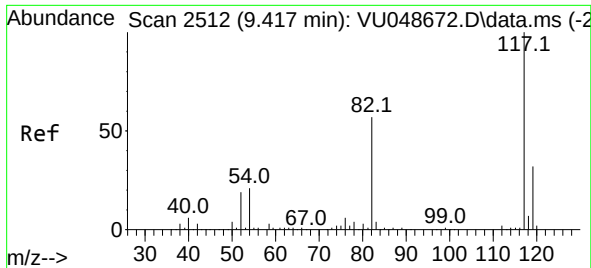
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 2.5 28.2 84.6#



#62
4-Bromofluorobenzene
Concen: 109.485 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 95 Resp: 1528
Ion Ratio Lower Upper
95 100
174 66.5 0.0 159.4
176 57.5 0.0 152.4

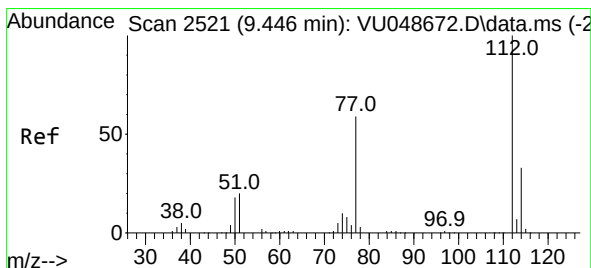
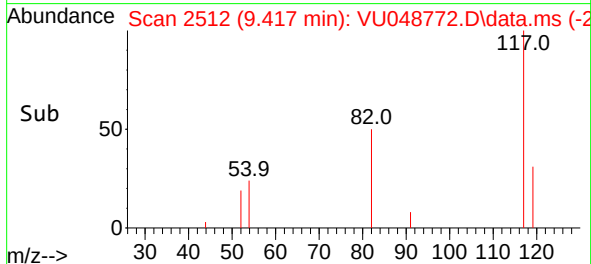
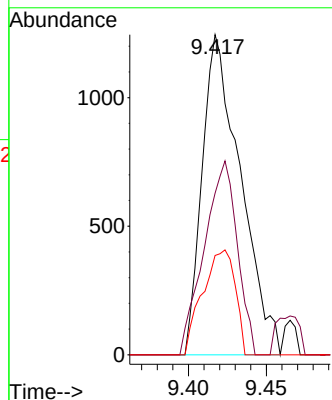
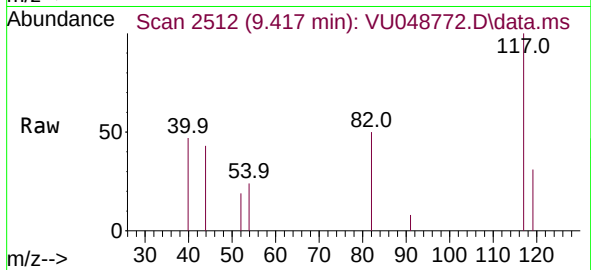




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

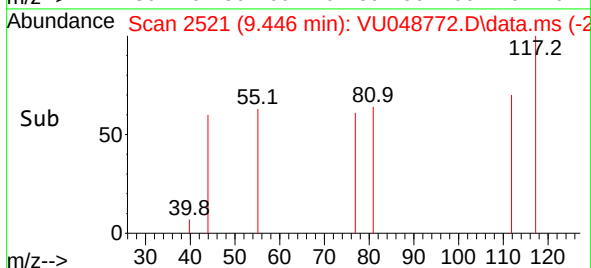
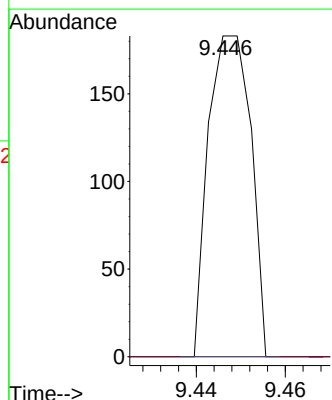
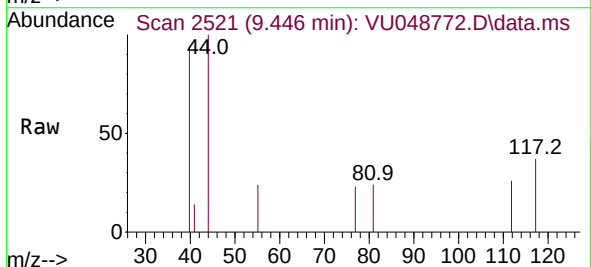
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

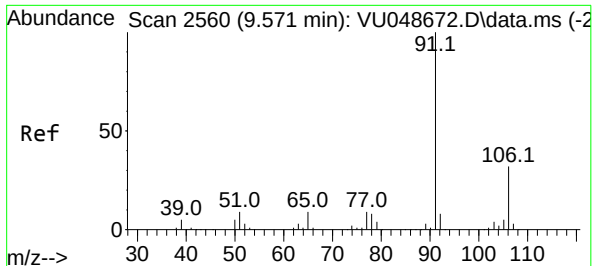
Tgt Ion:117 Resp: 2130
Ion Ratio Lower Upper
117 100
82 50.4 45.3 67.9
119 31.0 25.4 38.2



#65
Chlorobenzene
Concen: 2.708 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion:112 Resp: 122
Ion Ratio Lower Upper
112 100
114 0.0 26.3 39.5#





#67

Ethyl Benzene

Concen: 74.334 ug/l

RT: 9.575 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

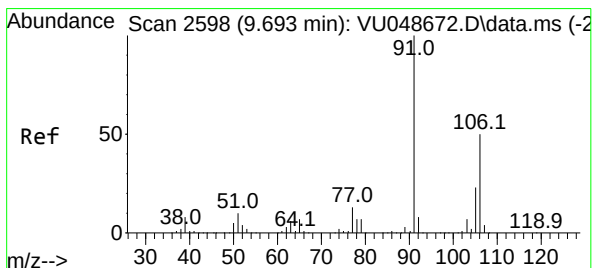
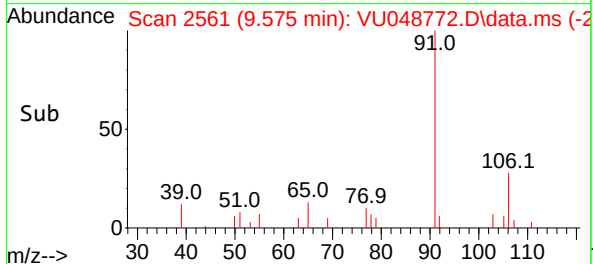
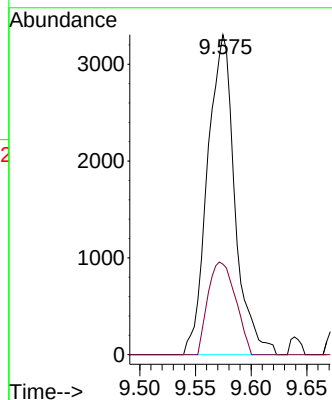
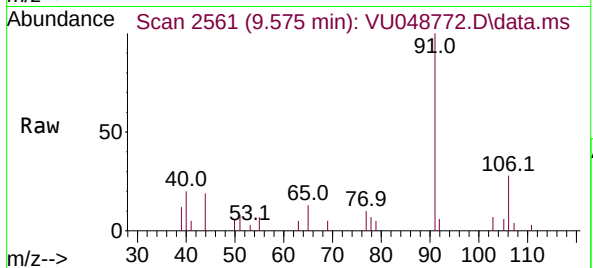
VSTDCCC050EC

Tgt Ion: 91 Resp: 5648

Ion Ratio Lower Upper

91 100

106 28.3 25.4 38.2



#68

m/p-Xylenes

Concen: 95.804 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.007 min

Lab File: VU048772.D

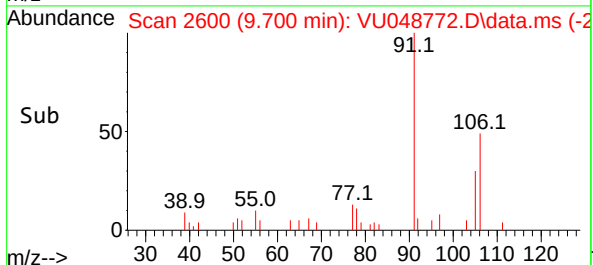
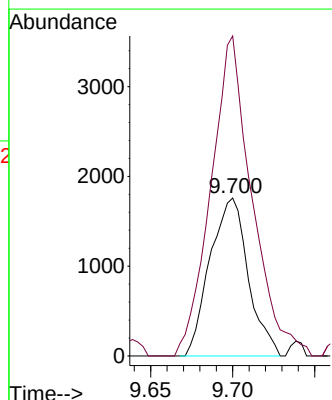
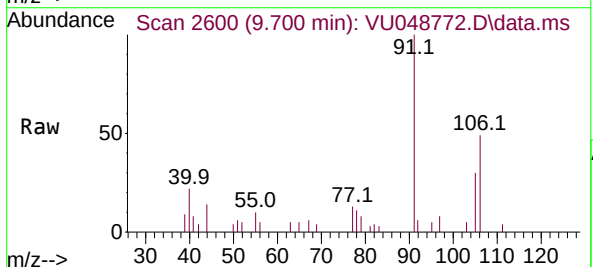
Acq: 01 Jun 2022 05:20

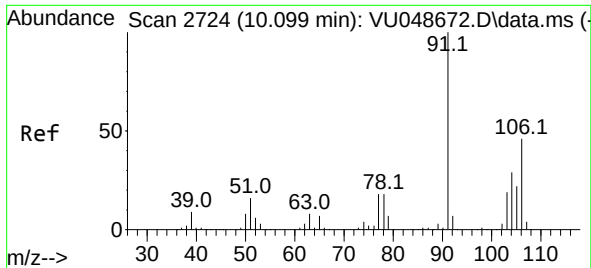
Tgt Ion: 106 Resp: 2847

Ion Ratio Lower Upper

106 100

91 217.5 162.4 243.6

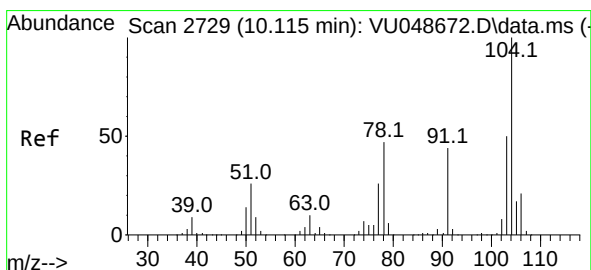
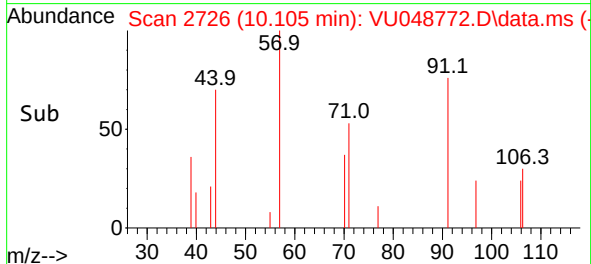
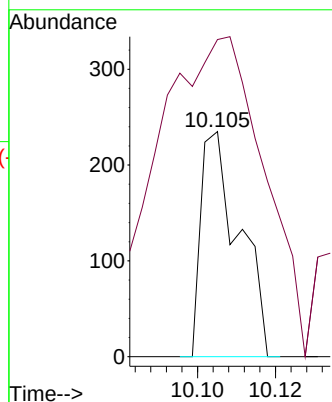
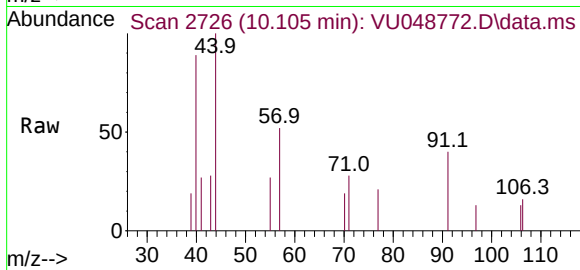




#69
o-Xylene
Concen: 5.446 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

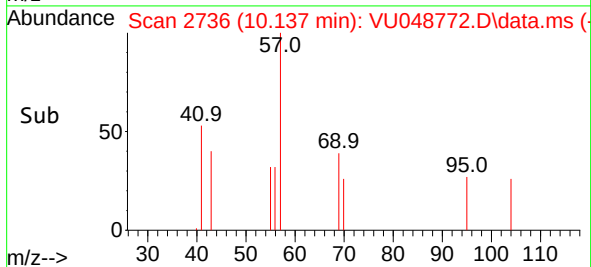
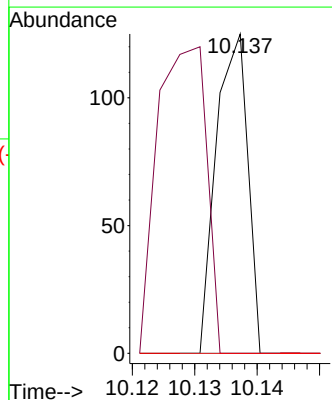
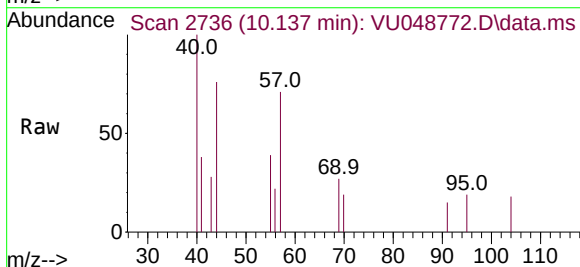
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

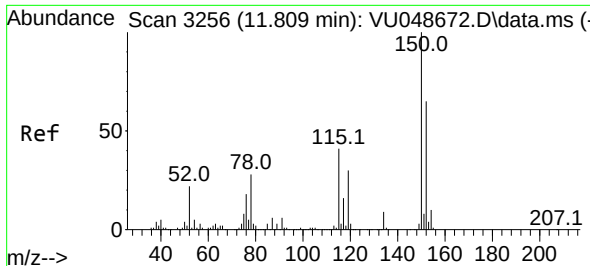
Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 394.3 107.7 323.3#



#70
Styrene
Concen: 0.916 ug/l
RT: 10.137 min Scan# 2736
Delta R.T. 0.022 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion:104 Resp: 44
Ion Ratio Lower Upper
104 100
78 150.0 41.2 61.8#
103 0.0 43.4 65.2#

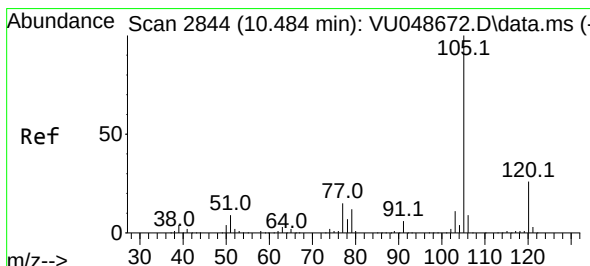
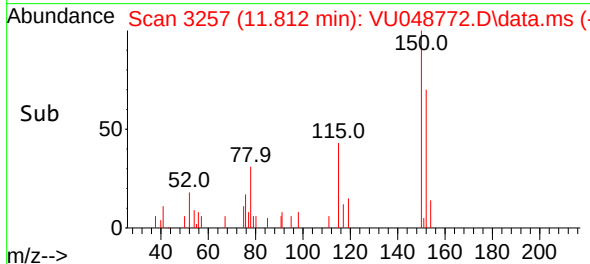
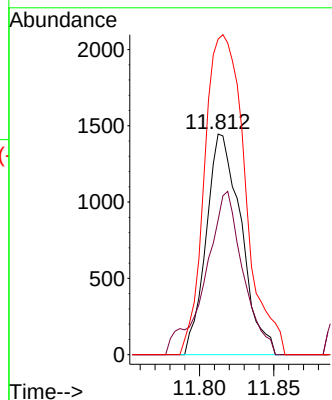
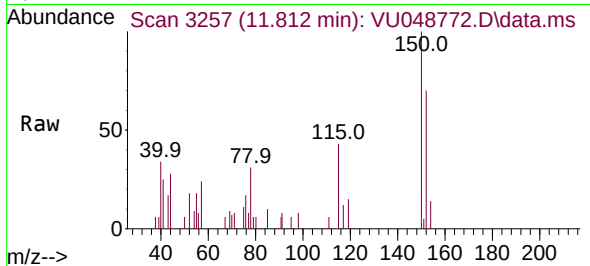




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

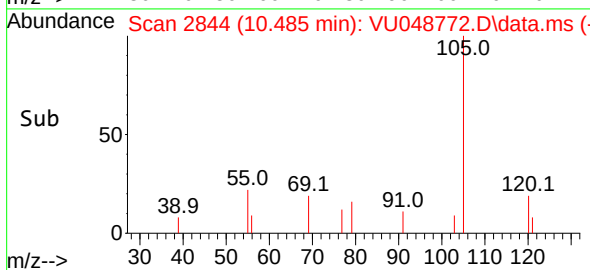
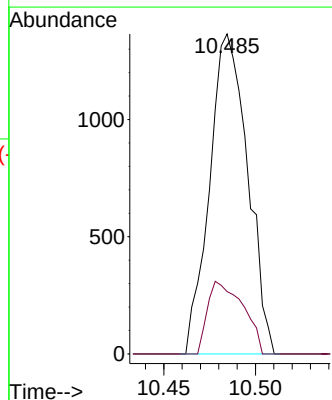
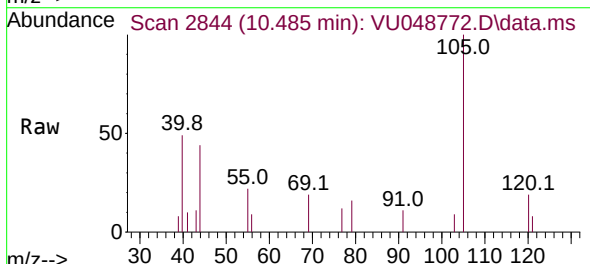
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

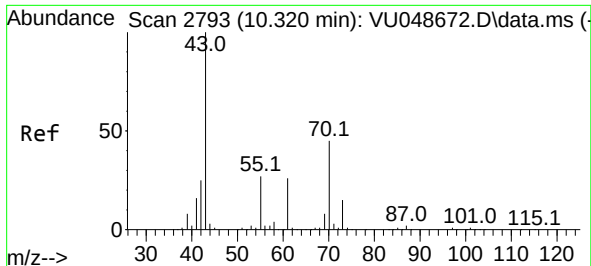
Tgt Ion:152 Resp: 2357
Ion Ratio Lower Upper
152 100
115 79.9 41.8 125.4
150 168.9 0.0 341.0



#73
Isopropylbenzene
Concen: 12.966 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion:105 Resp: 1973
Ion Ratio Lower Upper
105 100
120 21.1 12.9 38.6

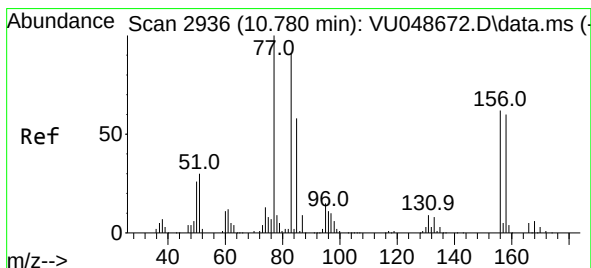
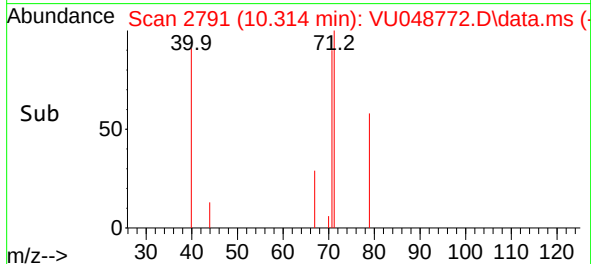
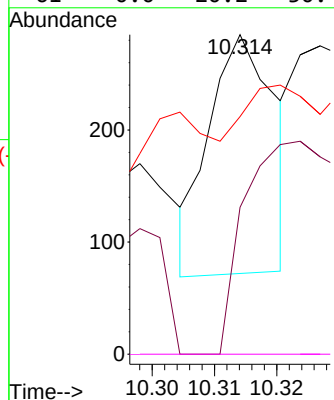
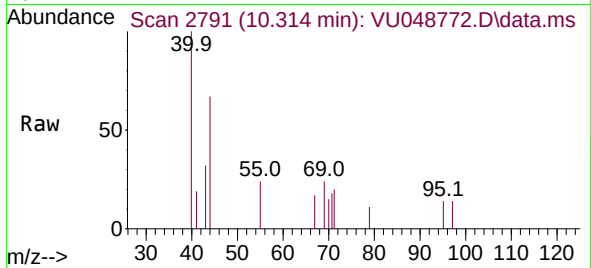




#74
N-amy1 acetate
Concen: 4.392 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

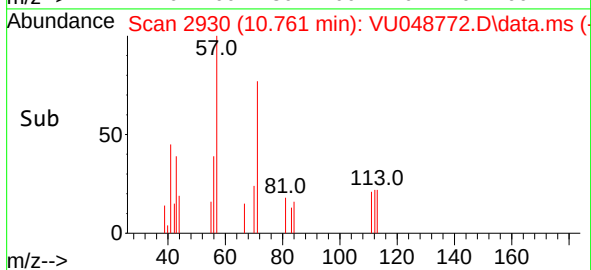
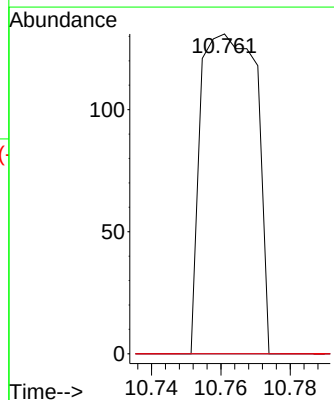
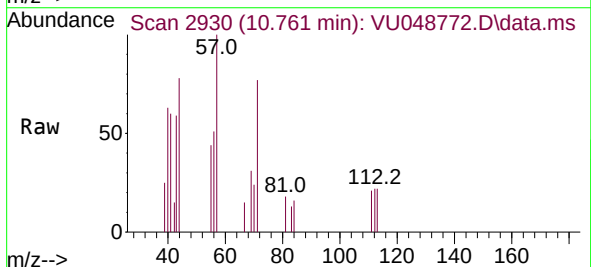
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

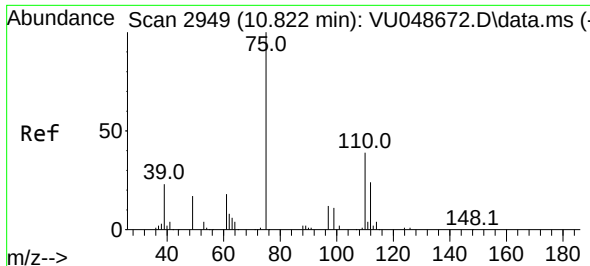
Tgt Ion: 43	Resp: 156
Ion Ratio	Lower Upper
43	100
70	126.3 35.8 53.6#
55	0.0 21.1 31.7#
61	0.0 20.2 30.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.319 ug/l
RT: 10.761 min Scan# 2930
Delta R.T. -0.019 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 83	Resp: 144
Ion Ratio	Lower Upper
83	100
131	0.0 5.2 15.6#
85	0.0 32.5 97.4#

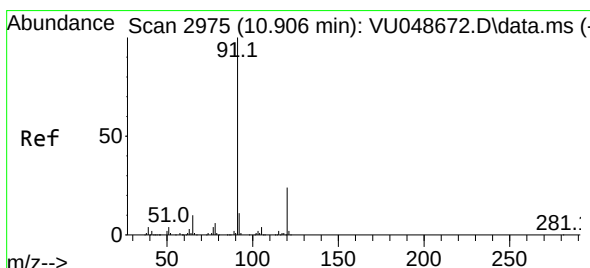
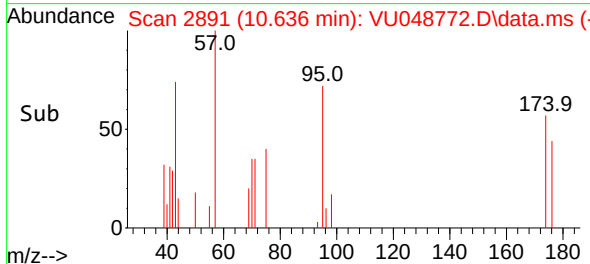
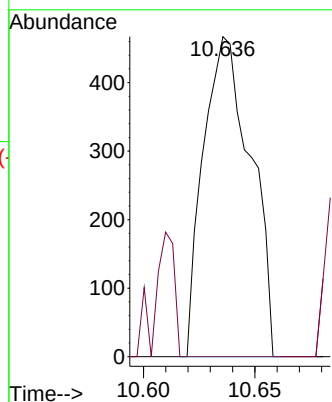
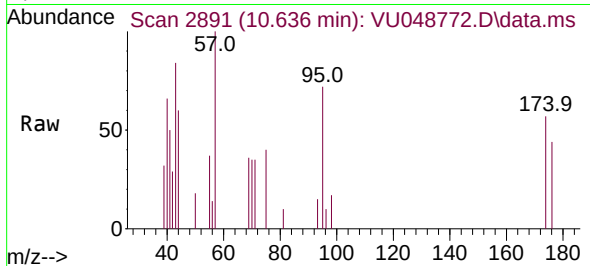




#76
1,2,3-Trichloropropane
Concen: 9.066 ug/l
RT: 10.636 min Scan# 21
Delta R.T. -0.186 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

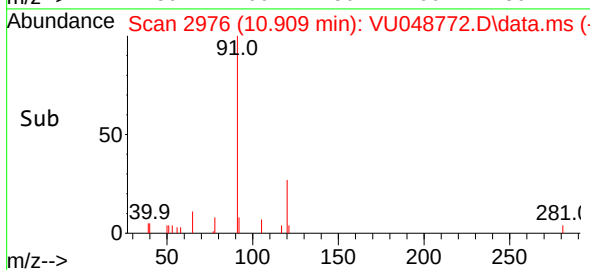
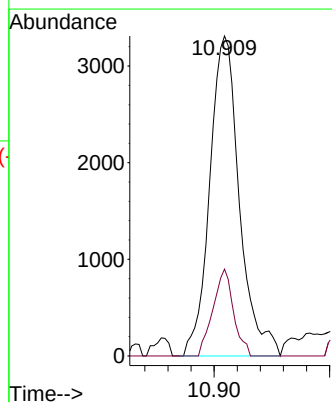
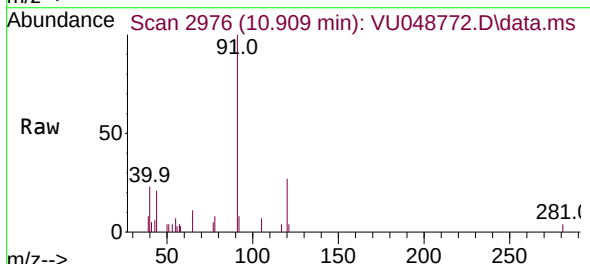
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

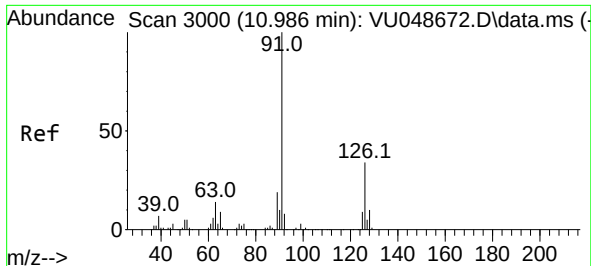
Tgt Ion: 75 Resp: 689
Ion Ratio Lower Upper
75 100
77 0.0 14.8 44.3#



#78
n-propylbenzene
Concen: 32.523 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion: 91 Resp: 5897
Ion Ratio Lower Upper
91 100
120 18.8 11.6 34.7





#79

2-Chlorotoluene

Concen: 3.672 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

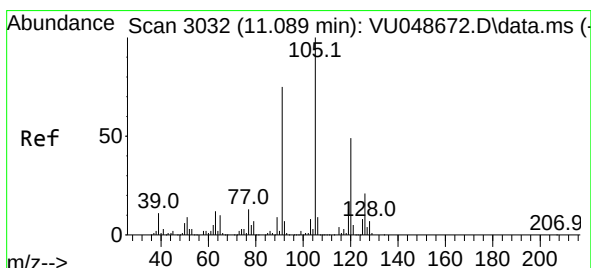
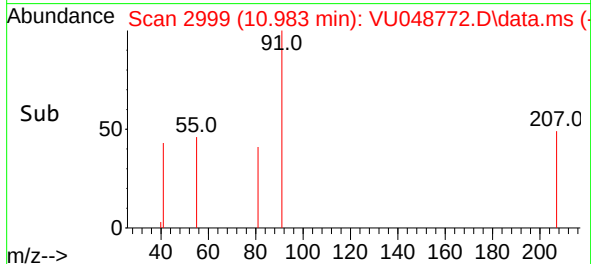
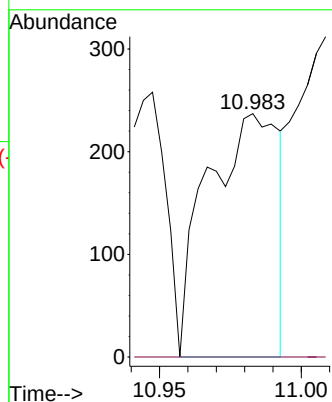
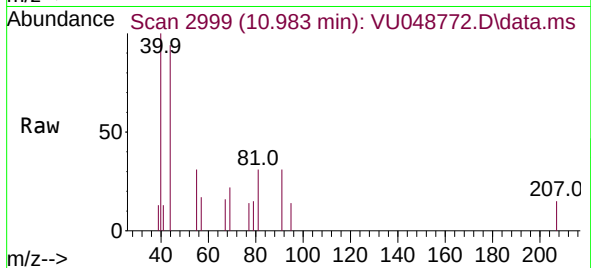
VSTDCCC050EC

Tgt Ion: 91 Resp: 414

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#80

1,3,5-Trimethylbenzene

Concen: 39.984 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU048772.D

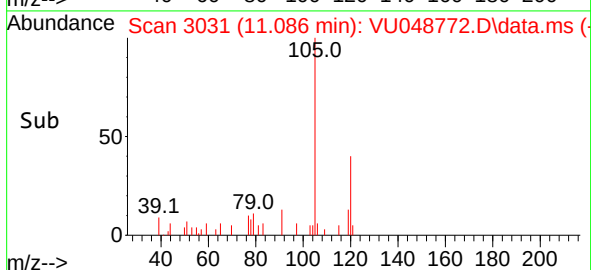
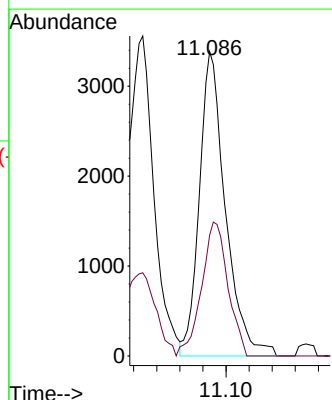
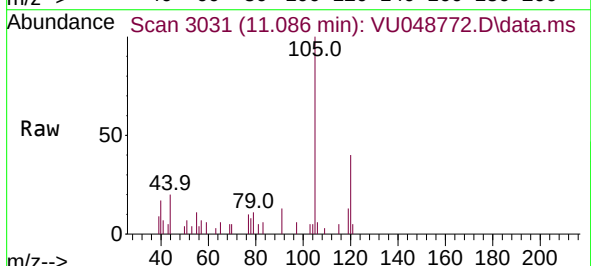
Acq: 01 Jun 2022 05:20

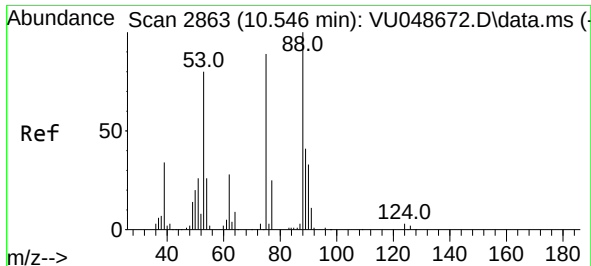
Tgt Ion: 105 Resp: 5291

Ion Ratio Lower Upper

105 100

120 44.5 24.1 72.3

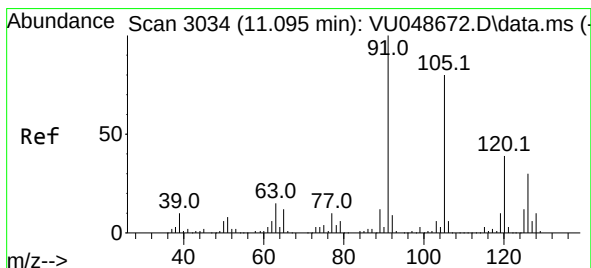
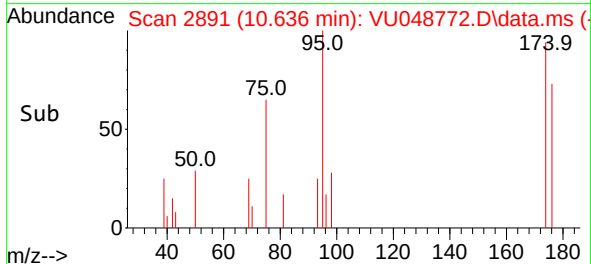
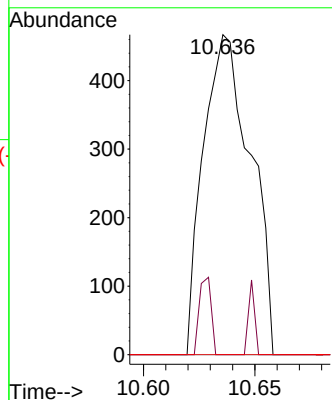
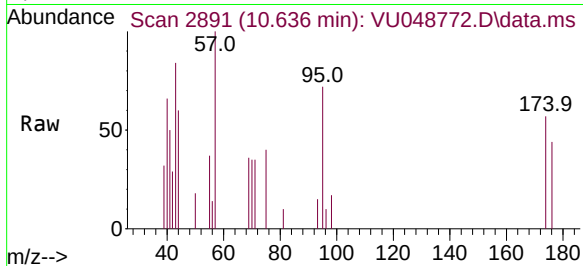




#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.919 ug/l
 RT: 10.636 min Scan# 21
 Delta R.T. 0.090 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

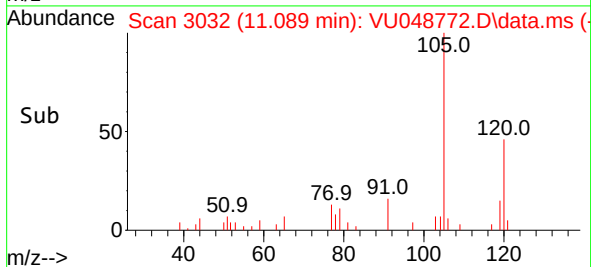
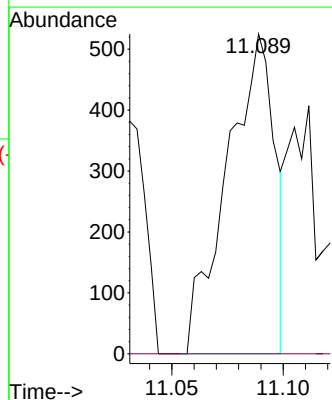
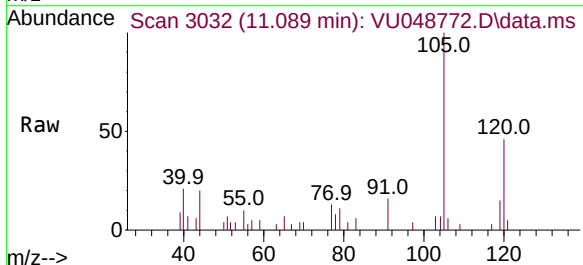
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

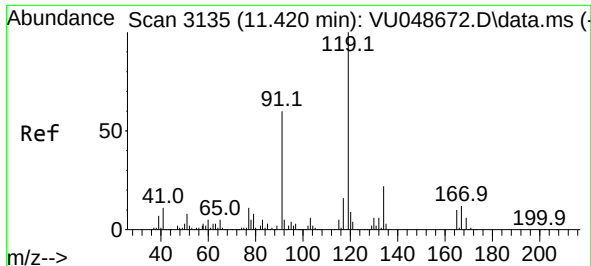
Tgt Ion: 75 Resp: 689
 Ion Ratio Lower Upper
 75 100
 53 6.1 72.5 108.7#
 89 0.0 37.0 55.4#



#82
 4-Chlorotoluene
 Concen: 6.003 ug/l
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.006 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion: 91 Resp: 781
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.4 43.2#

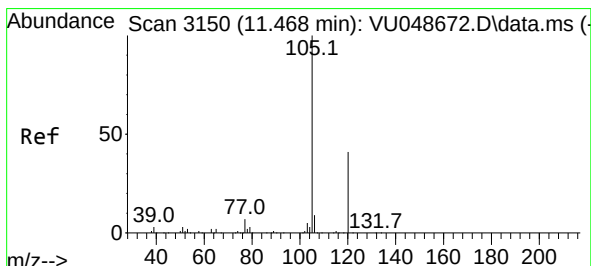
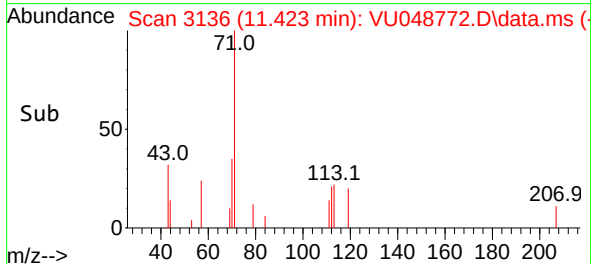
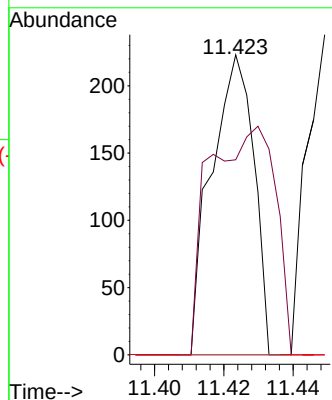
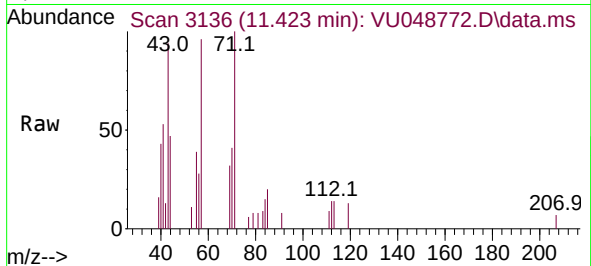




#83
 tert-Butylbenzene
 Concen: 1.488 ug/l
 RT: 11.423 min Scan# 3135
 Delta R.T. 0.003 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

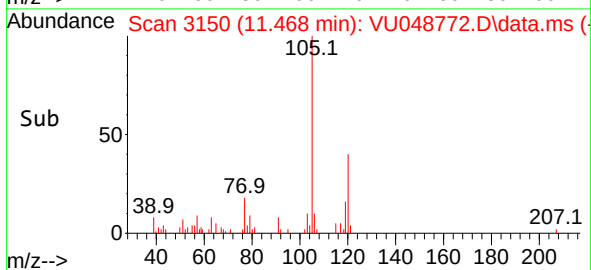
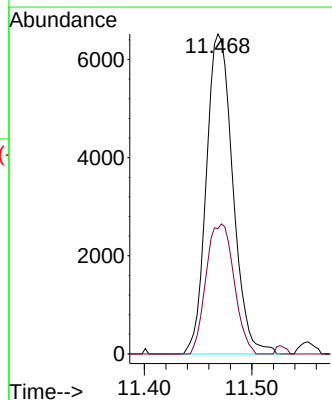
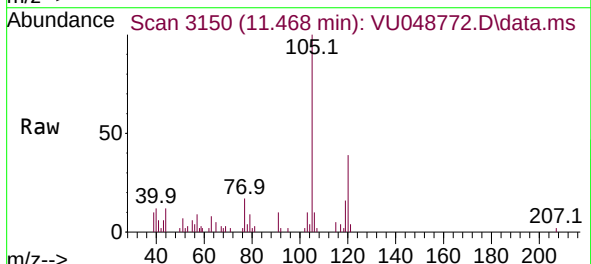
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

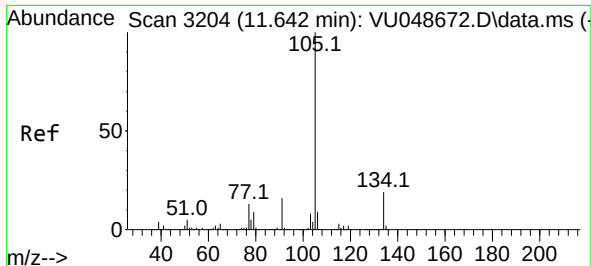
Tgt Ion:119 Resp: 189
 Ion Ratio Lower Upper
 119 100
 91 119.6 28.7 86.1#
 134 0.0 10.8 32.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 77.480 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion:105 Resp: 11145
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.5 67.5

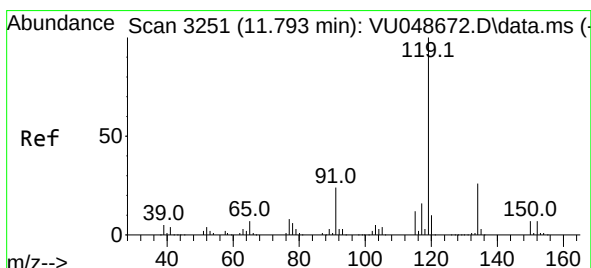
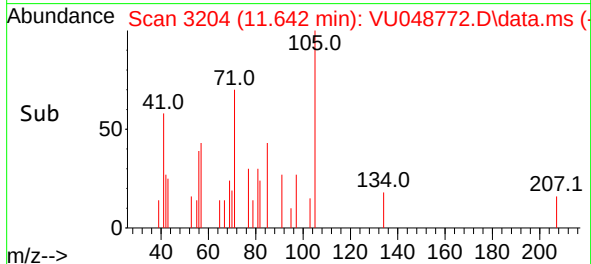
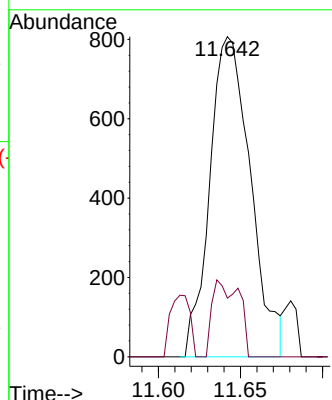
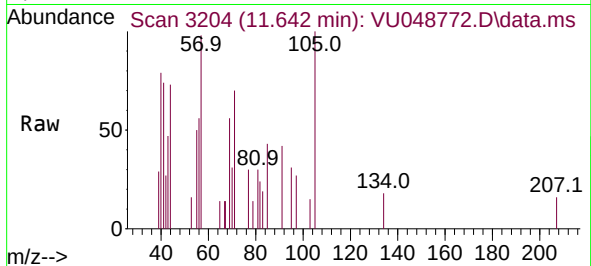




#85
 sec-Butylbenzene
 Concen: 8.755 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

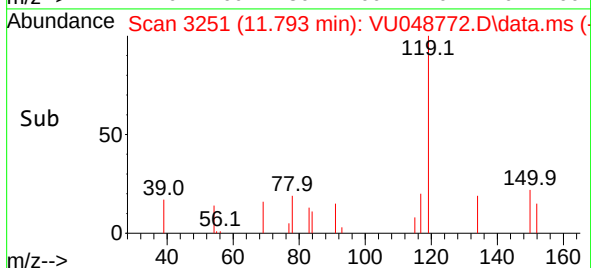
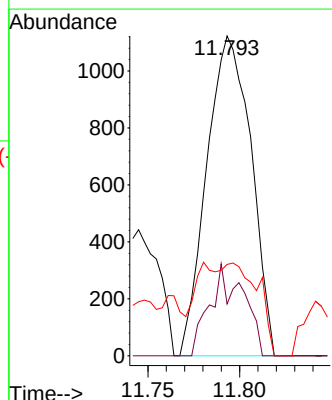
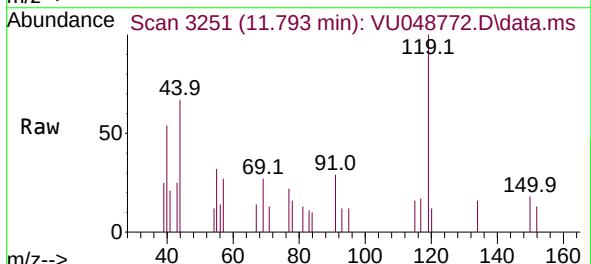
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

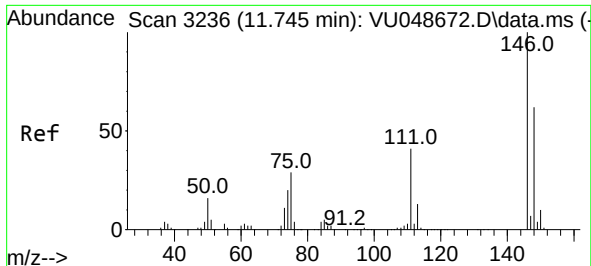
Tgt Ion:105 Resp: 1391
 Ion Ratio Lower Upper
 105 100
 134 15.6 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 13.837 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048772.D
 Acq: 01 Jun 2022 05:20

Tgt Ion:119 Resp: 1888
 Ion Ratio Lower Upper
 119 100
 134 13.8 12.8 38.4
 91 7.2 12.0 36.0#





#87

1,3-Dichlorobenzene

Concen: 3.233 ug/l

RT: 11.841 min Scan# 31

Delta R.T. 0.097 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

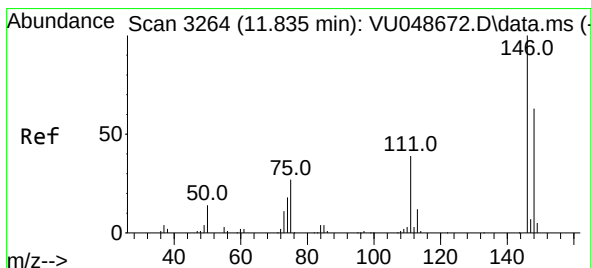
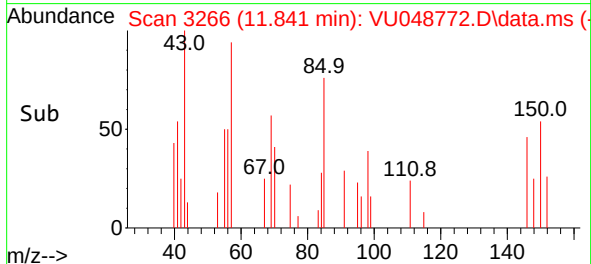
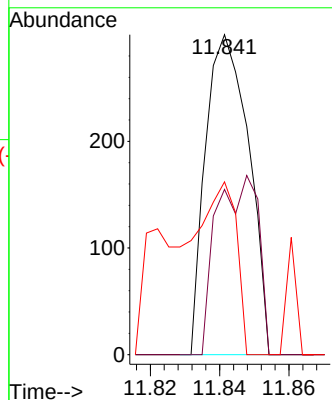
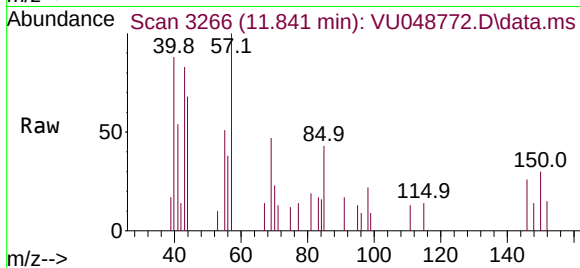
Tgt Ion:146 Resp: 259

Ion Ratio Lower Upper

146 100

111 54.4 20.6 61.9

148 49.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 3.129 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.007 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

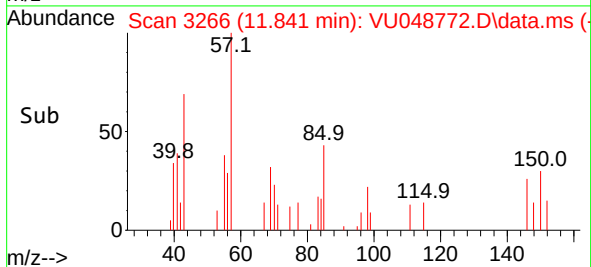
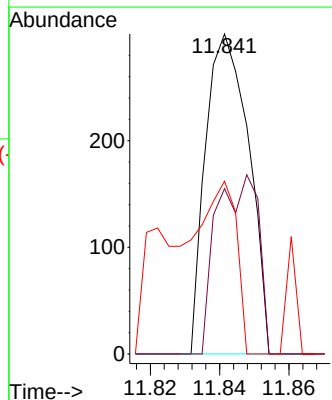
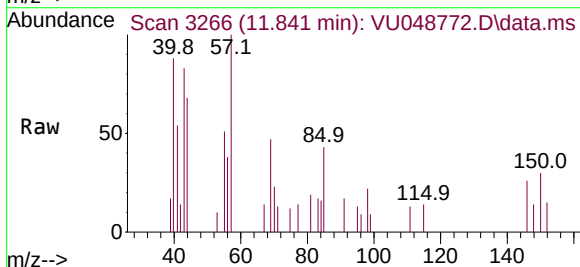
Tgt Ion:146 Resp: 259

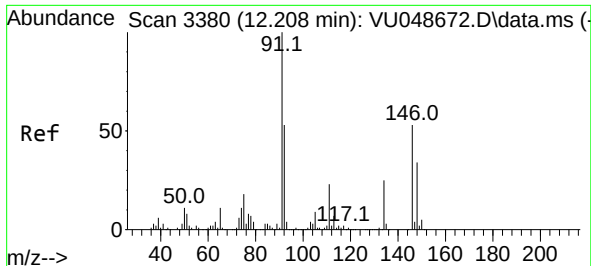
Ion Ratio Lower Upper

146 100

111 54.4 20.2 60.6

148 49.4 32.4 97.0





#89

n-Butylbenzene

Concen: 38.553 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

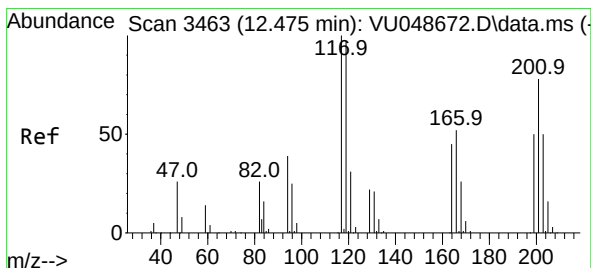
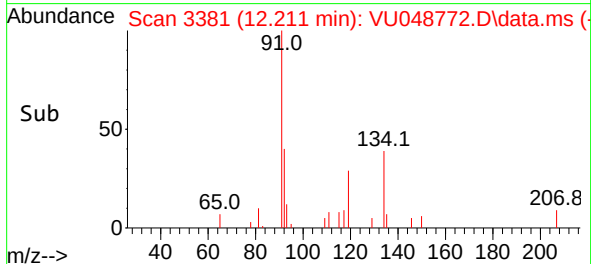
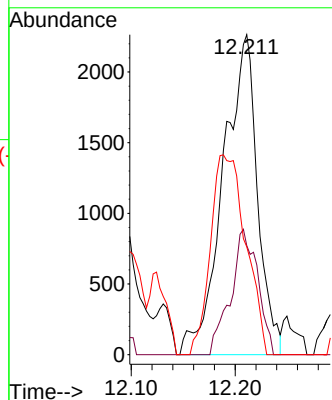
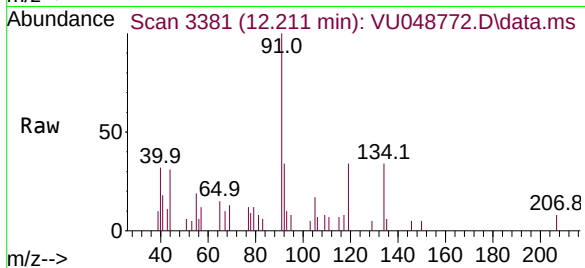
Tgt Ion: 91 Resp: 5194

Ion Ratio Lower Upper

91 100

92 30.8 25.9 77.8

134 0.0 12.5 37.5#



#90

Hexachloroethane

Concen: 13.538 ug/l

RT: 12.465 min Scan# 3460

Delta R.T. -0.010 min

Lab File: VU048772.D

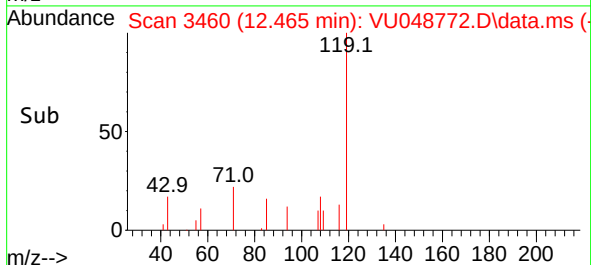
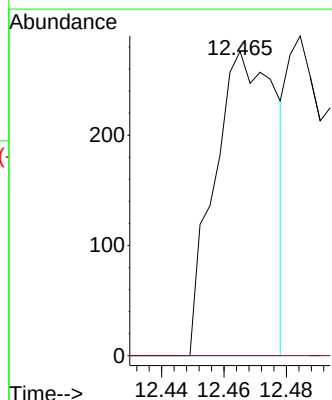
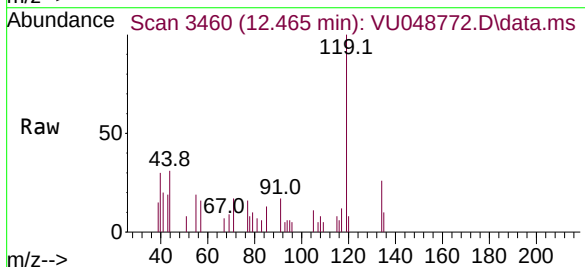
Acq: 01 Jun 2022 05:20

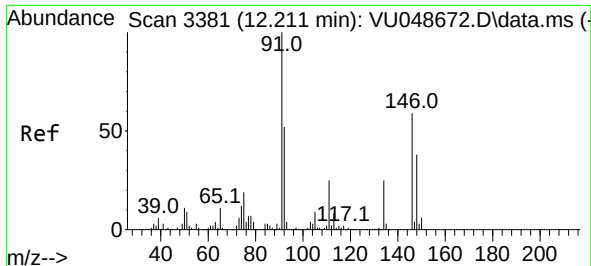
Tgt Ion: 117 Resp: 377

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#





#91

1,2-Dichlorobenzene

Concen: 0.766 ug/l

RT: 12.218 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

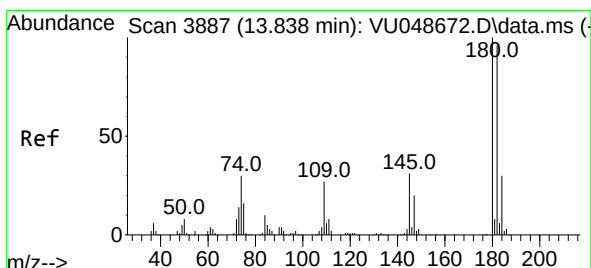
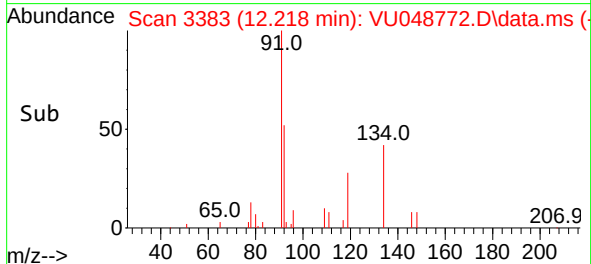
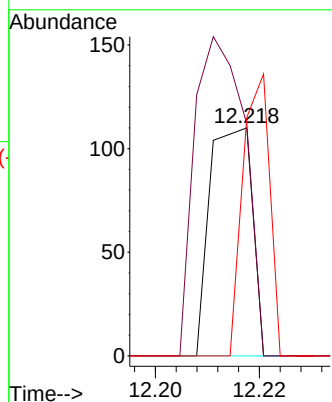
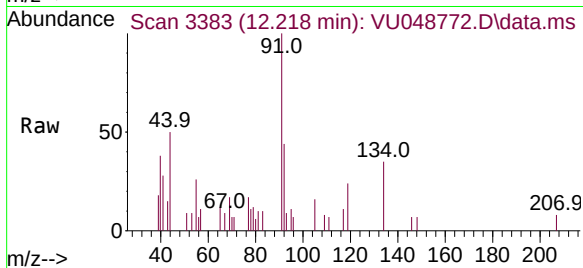
Tgt Ion:146 Resp: 62

Ion Ratio Lower Upper

146 100

111 166.1 21.4 64.3#

148 77.4 32.0 96.2



#93

1,2,4-Trichlorobenzene

Concen: 10.129 ug/l

RT: 13.845 min Scan# 3889

Delta R.T. 0.007 min

Lab File: VU048772.D

Acq: 01 Jun 2022 05:20

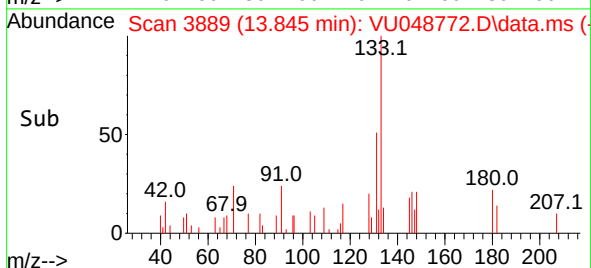
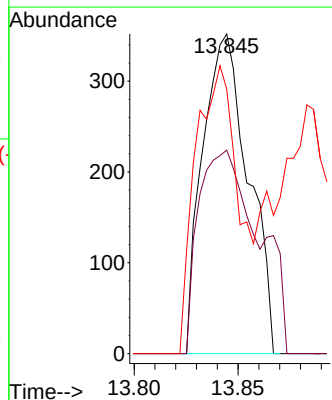
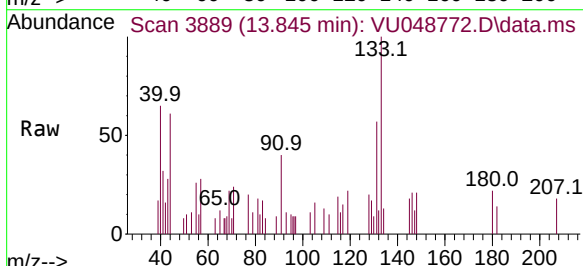
Tgt Ion:180 Resp: 538

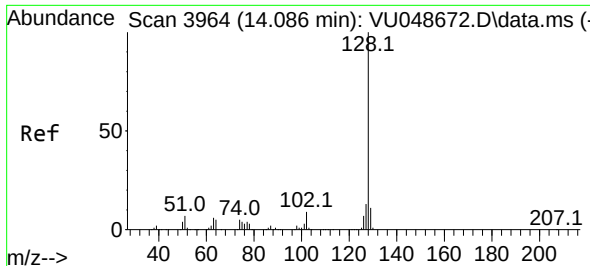
Ion Ratio Lower Upper

180 100

182 69.5 48.3 144.9

145 85.1 15.6 46.7#

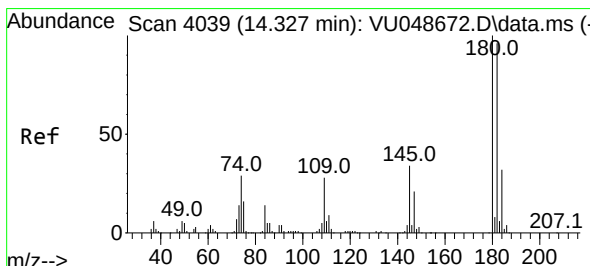
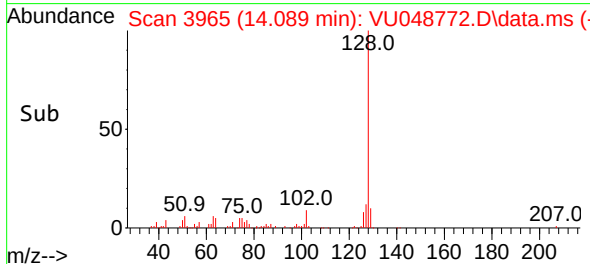
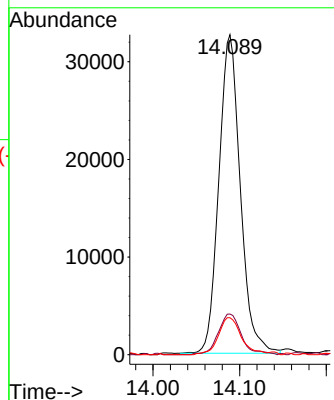
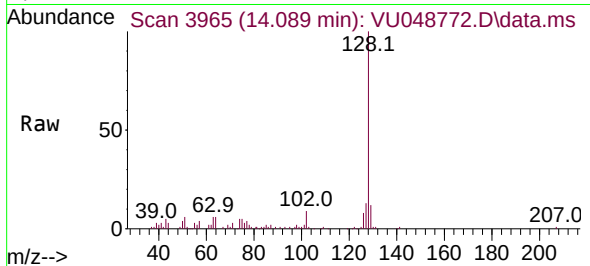




#95
Naphthalene
Concen: 289.633 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 56107
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 12.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 7.394 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU048772.D
Acq: 01 Jun 2022 05:20

Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 87.7 16.6 49.8#

