

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048721.D
 Acq On : 28 May 2022 03:11
 Operator : SY/MD
 Sample : N3033-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

Quant Time: May 30 03:00:32 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	5.375	168	232384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	386337	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	392876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	227158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169265	48.501	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.292	113	146652	53.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	7.899	98	451187	45.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.340%#
62) 4-Bromofluorobenzene	10.632	95	217713	58.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.540%

Target Compounds				Qvalue		
5) Bromomethane	1.797	94	54	Below Cal	#	3
6) Chloroethane	2.015	64	334	Below Cal	#	43
11) Tert butyl alcohol	3.170	59	231330	261.448	ug/l	# 43
13) Acrolein	2.469	56	666	Below Cal	#	1
14) Allyl chloride	3.047	41	10356	2.261	ug/l	# 70
15) Acrylonitrile	3.372	53	1357	0.707	ug/l	# 29
16) Acetone	2.626	43	26483	14.890	ug/l	# 99
17) Carbon Disulfide	2.793	76	2123	0.307	ug/l	# 81
18) Methyl Acetate	3.047	43	24887	5.573	ug/l	# 51
19) Methyl tert-butyl Ether	3.362	73	119644	13.332	ug/l	# 97
20) Methylene Chloride	3.051	84	804	0.266	ug/l	# 69
22) Diisopropyl ether	3.999	45	8680	1.027	ug/l	# 79
23) Vinyl Acetate	3.996	43	4682	0.639	ug/l	# 72
25) 2-Butanone	4.713	43	6832	2.674	ug/l	# 82
29) Tetrahydrofuran	5.070	42	1226	0.762	ug/l	# 79
31) Cyclohexane	5.378	56	5858	1.332	ug/l	# 1
36) 1,1-Dichloropropene	5.375	75	18921	4.704	ug/l	# 50
38) Carbon Tetrachloride	5.372	117	23927	5.185	ug/l	# 17
39) Methylcyclohexane	6.558	83	1825	0.433	ug/l	# 92
40) Benzene	5.777	78	267232	22.502	ug/l	# 98
42) 1,2-Dichloroethane	5.784	62	2369	0.510	ug/l	# 93
43) Isopropyl Acetate	5.819	43	443650	60.107	ug/l	# 61
47) Bromodichloromethane	7.153	83	1493	0.331	ug/l	# 24
51) 4-Methyl-2-Pentanone	7.684	43	85740	17.890	ug/l	# 59
52) Toluene	7.970	92	3328	0.468	ug/l	# 83
53) t-1,3-Dichloropropene	8.031	75	1377	0.283	ug/l	# 73
55) 1,1,2-Trichloroethane	8.369	97	3429	1.094	ug/l	# 21
58) 2-Chloroethyl Vinyl ether	7.385	63	399	30.071	ug/l	# 47
59) 2-Hexanone	8.822	43	8066	2.050	ug/l	# 64
67) Ethyl Benzene	9.571	91	73954	5.277	ug/l	# 99
68) m/p-Xylenes	9.693	106	55158	10.063	ug/l	# 98
69) o-Xylene	10.102	106	17455	3.241	ug/l	# 99
73) Isopropylbenzene	10.484	105	13909	0.948	ug/l	# 100
74) N-amyl acetate	10.336	43	4319	3.020	ug/l	# 73
76) 1,2,3-Trichloropropane	10.632	75	112329	15.337	ug/l	# 48
78) n-propylbenzene	10.906	91	24660	1.411	ug/l	# 98

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 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)

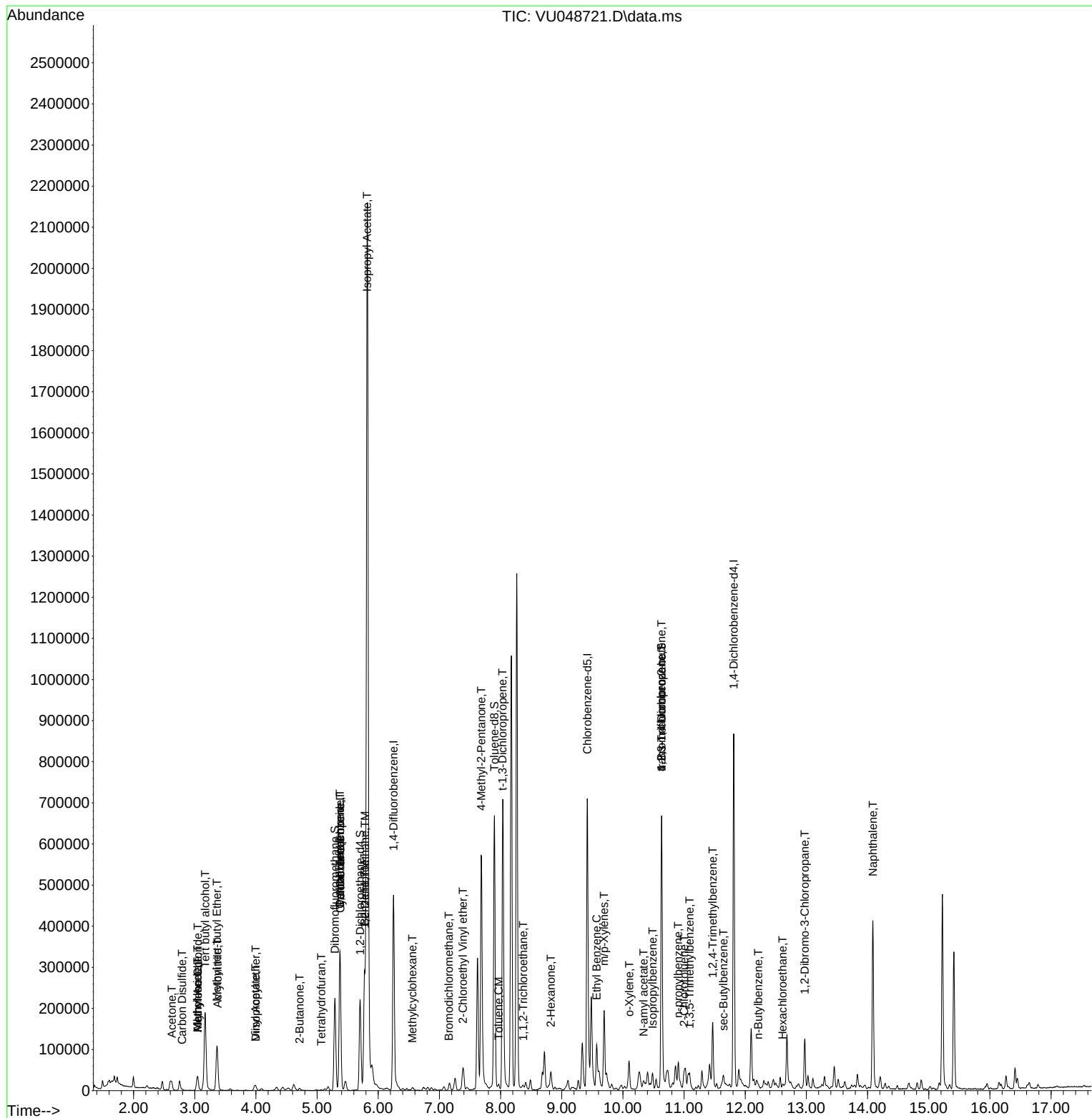
79) 2-Chlorotoluene	11.002	91	2494	0.229	ug/l	85
80) 1,3,5-Trimethylbenzene	11.089	105	15501	1.215	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.632	75	112329	55.686	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	91286	7.671	ug/l	97
85) sec-Butylbenzene	11.642	105	7736	0.505	ug/l	99
89) n-Butylbenzene	12.211	91	4580	2.518	ug/l #	70
90) Hexachloroethane	12.610	117	2496	0.930	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	505	0.293	ug/l #	4
95) Naphthalene	14.085	128	330892	20.101	ug/l	100

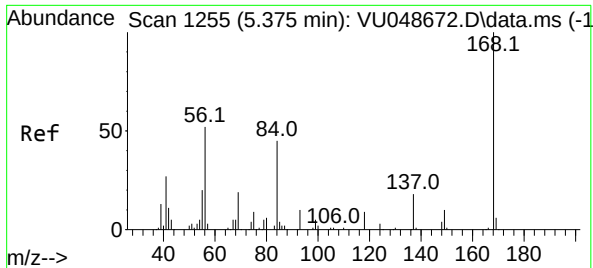
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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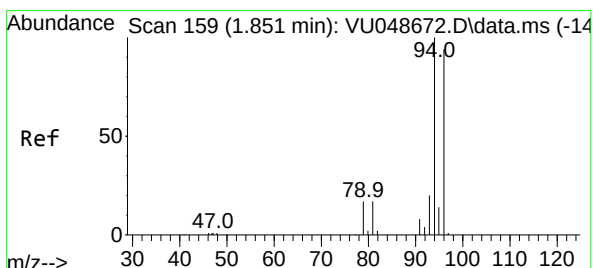
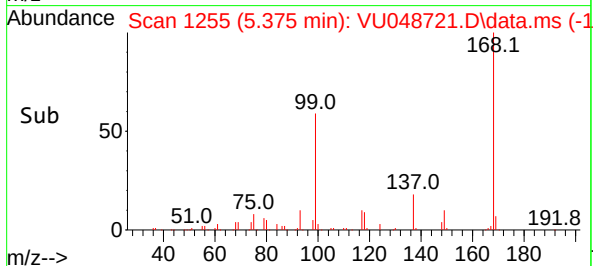
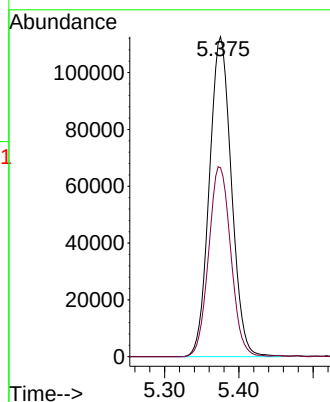
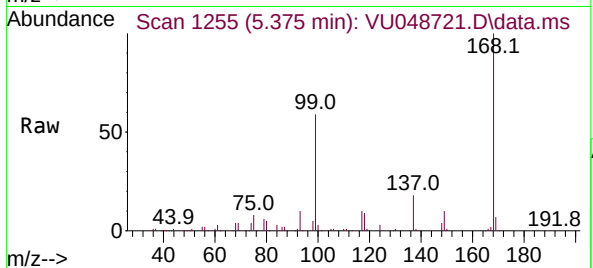




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

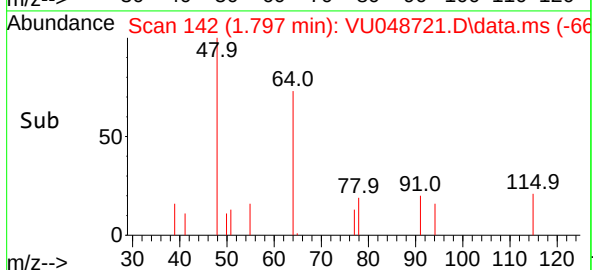
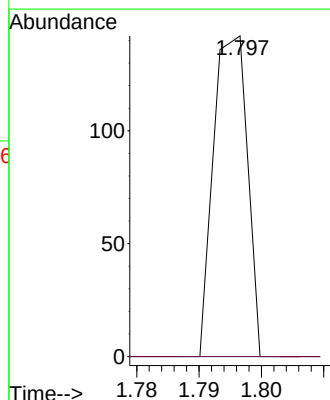
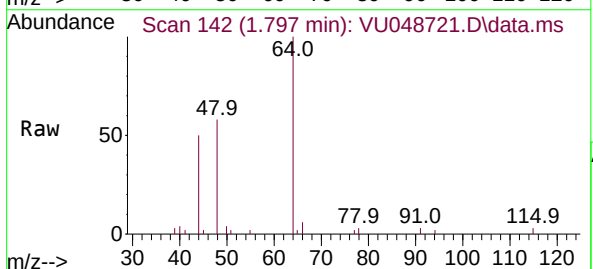
Instrument :
MSVOA_U
ClientSampleId :
TW-5

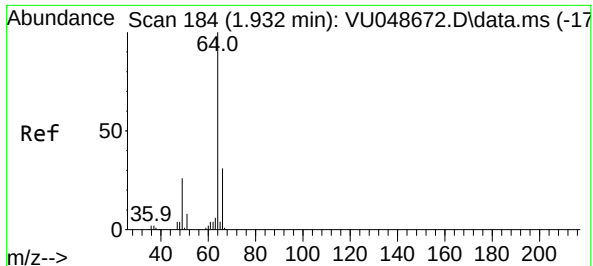
Tgt Ion:168 Resp: 232384
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.797 min Scan# 142
Delta R.T. -0.054 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

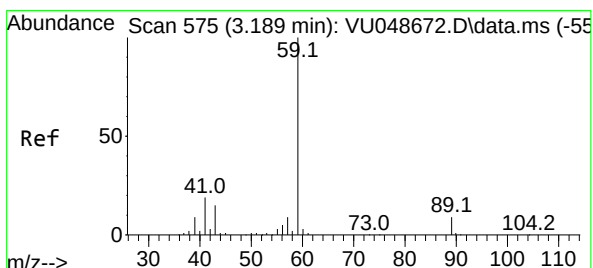
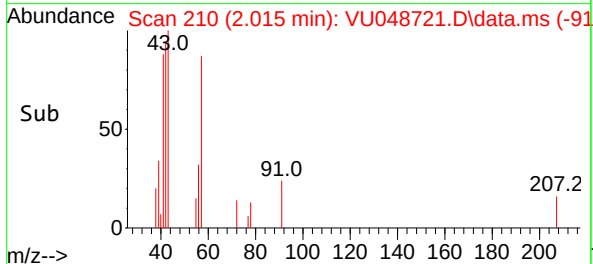
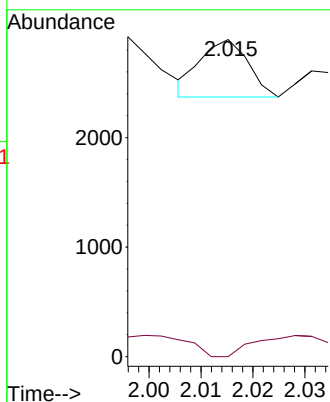
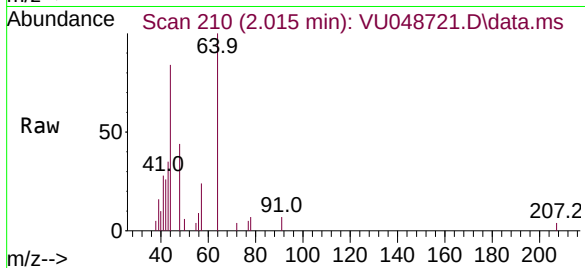




#6
Chloroethane
Concen: Below Cal
RT: 2.015 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

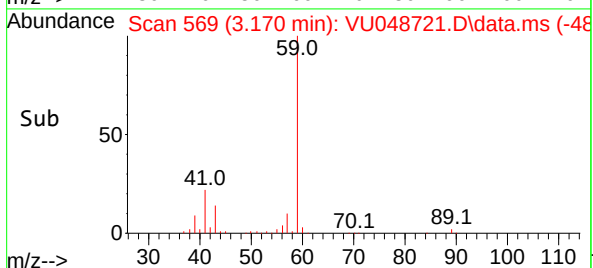
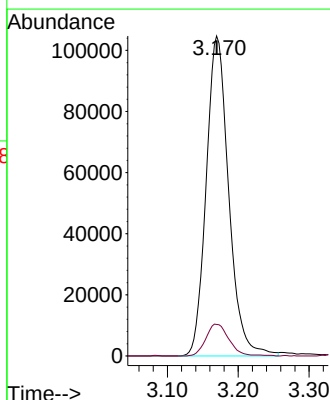
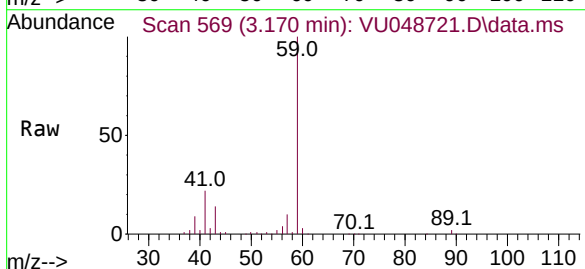
Instrument :
MSVOA_U
ClientSampleId :
TW-5

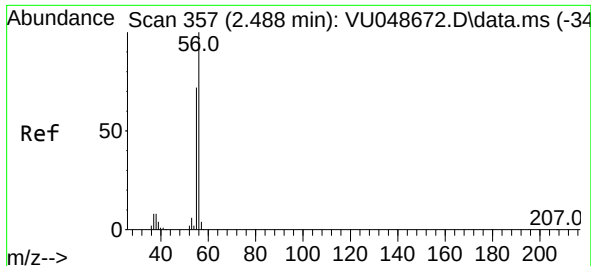
Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 261.448 ug/l
RT: 3.170 min Scan# 569
Delta R.T. -0.019 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 59 Resp: 231330
Ion Ratio Lower Upper
59 100
57 10.3 39.7 59.5#





#13

Acrolein

Concen: Below Cal

RT: 2.469 min Scan# 3

Delta R.T. -0.019 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

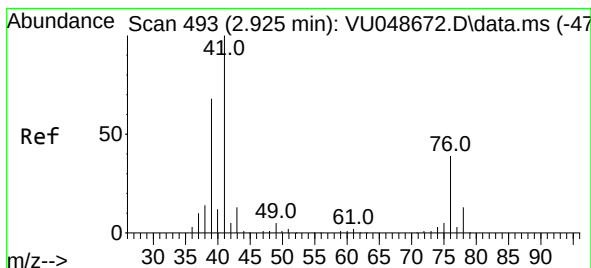
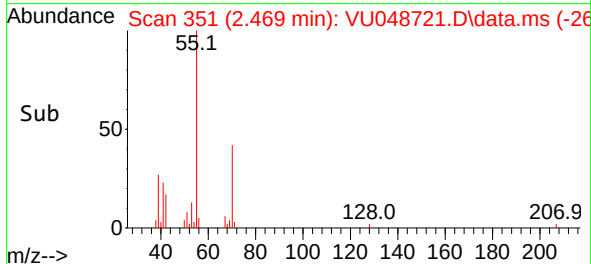
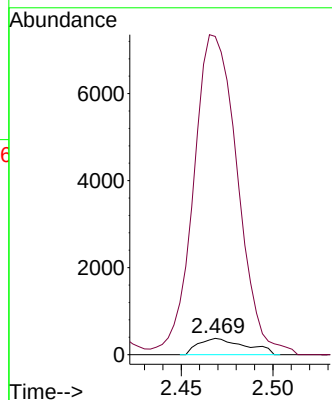
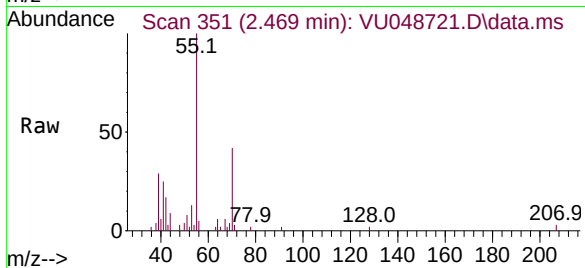
TW-5

Tgt Ion: 56 Resp: 666

Ion Ratio Lower Upper

56 100

55 1841.9 57.7 86.5#



#14

Allyl chloride

Concen: 2.261 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.122 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

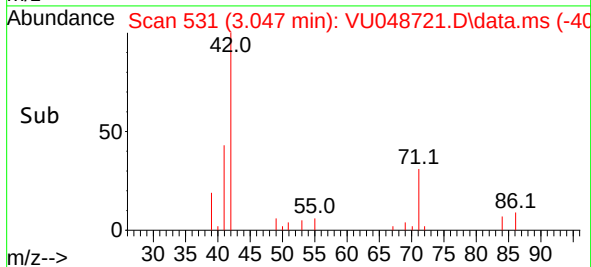
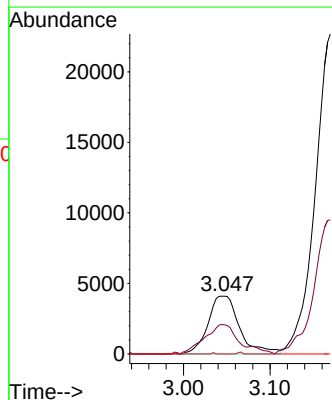
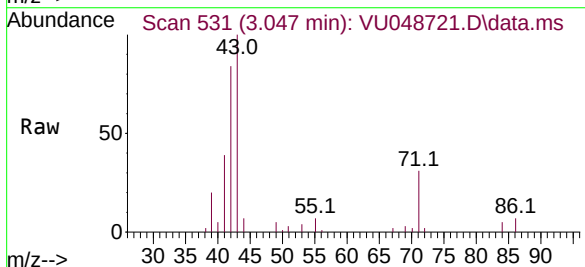
Tgt Ion: 41 Resp: 10356

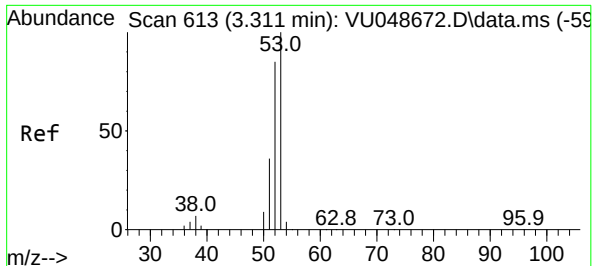
Ion Ratio Lower Upper

41 100

39 50.1 48.6 72.8

76 0.0 27.0 40.4#





#15

Acrylonitrile

Concen: 0.707 ug/l

RT: 3.372 min Scan# 613

Delta R.T. 0.061 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

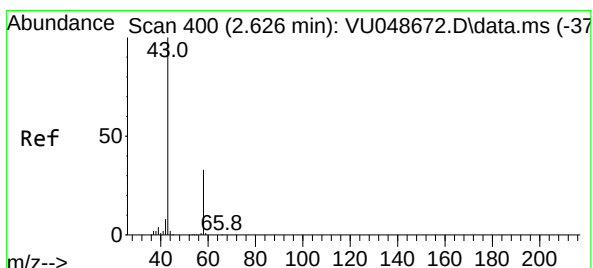
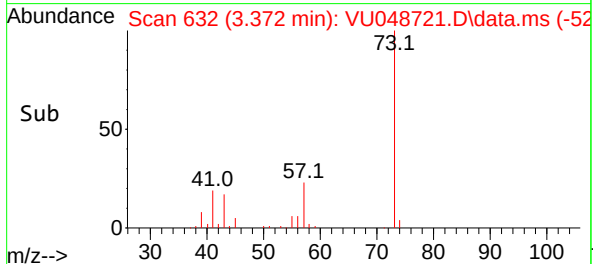
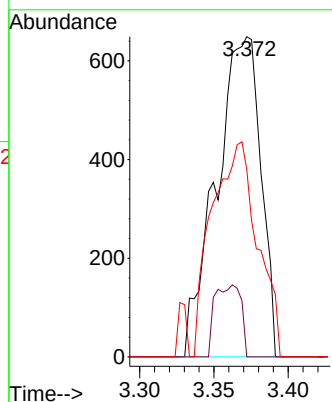
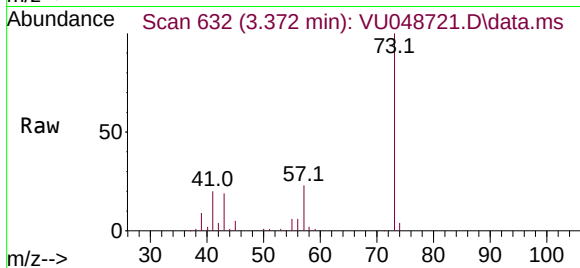
Tgt Ion: 53 Resp: 1357

Ion Ratio Lower Upper

53 100

52 13.1 66.3 99.5#

51 68.8 28.6 42.8#



#16

Acetone

Concen: 14.890 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048721.D

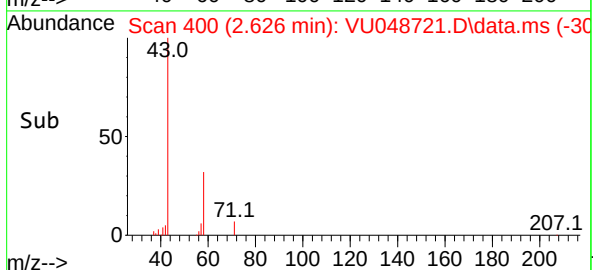
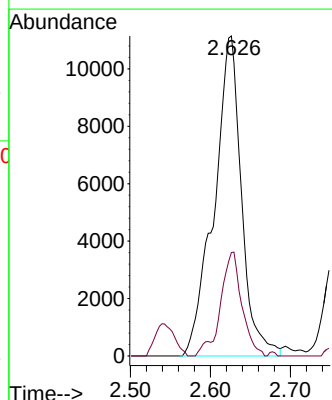
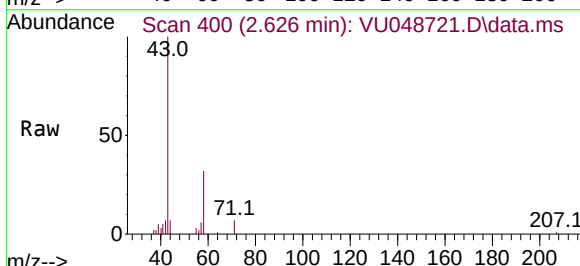
Acq: 28 May 2022 03:11

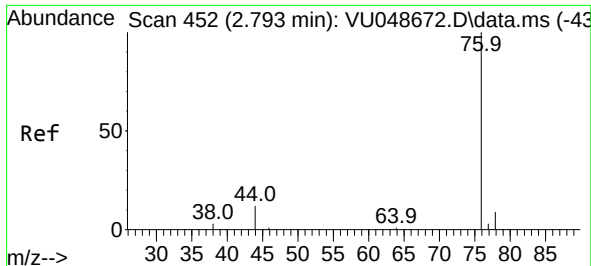
Tgt Ion: 43 Resp: 26483

Ion Ratio Lower Upper

43 100

58 32.4 26.3 39.5

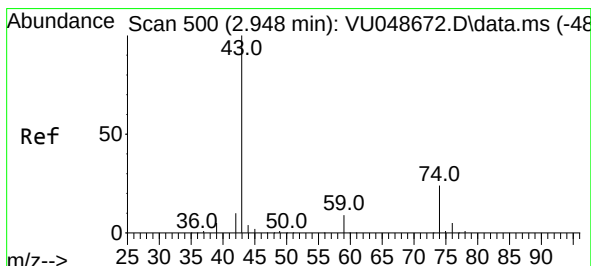
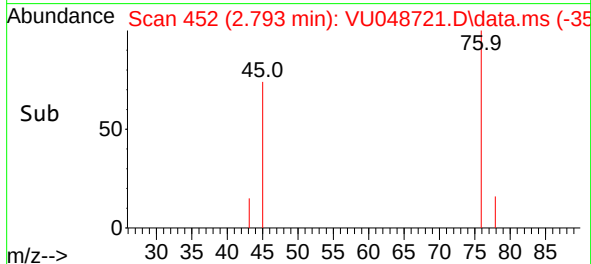
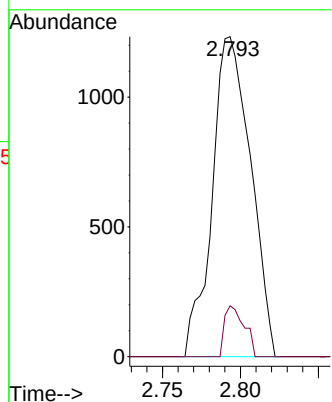
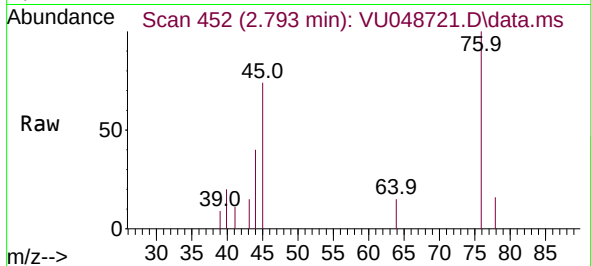




#17
Carbon Disulfide
Concen: 0.307 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

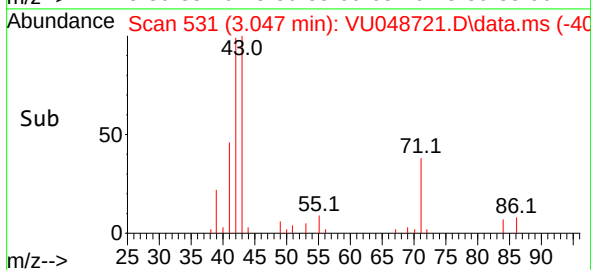
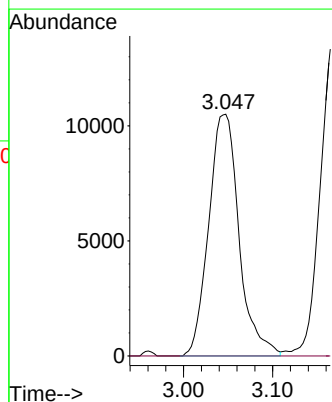
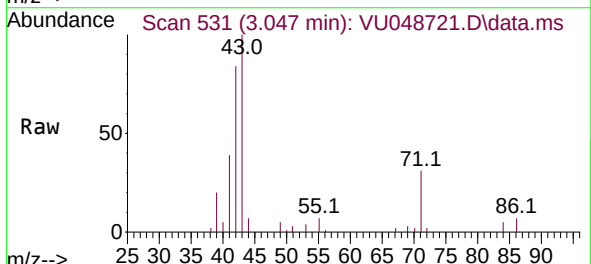
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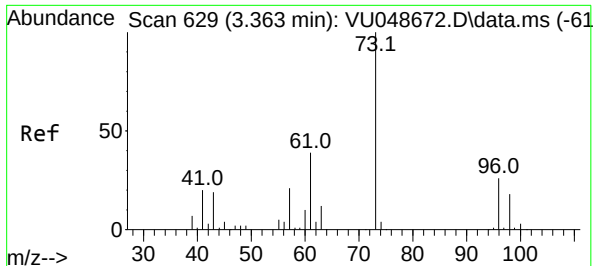
Tgt Ion: 76 Resp: 2123
Ion Ratio Lower Upper
76 100
78 15.9 7.3 10.9#



#18
Methyl Acetate
Concen: 5.573 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.100 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 43 Resp: 24887
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 13.332 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

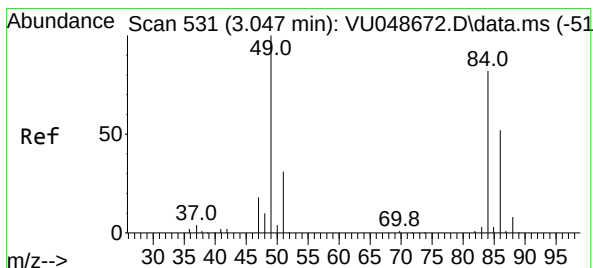
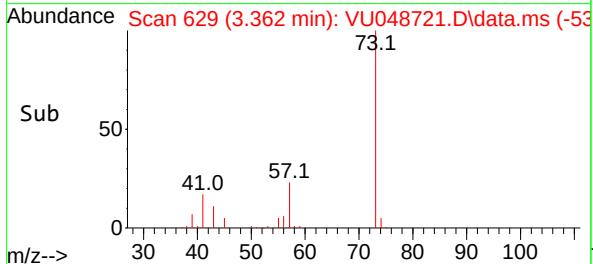
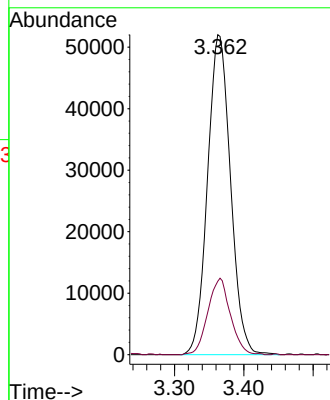
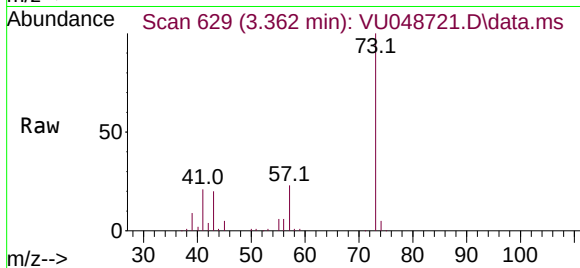
TW-5

Tgt Ion: 73 Resp: 119644

Ion Ratio Lower Upper

73 100

57 22.9 17.1 25.7



#20

Methylene Chloride

Concen: 0.266 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Tgt Ion: 84 Resp: 804

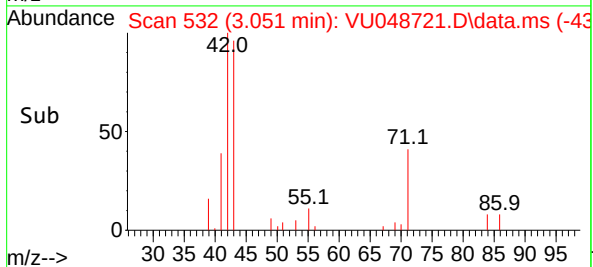
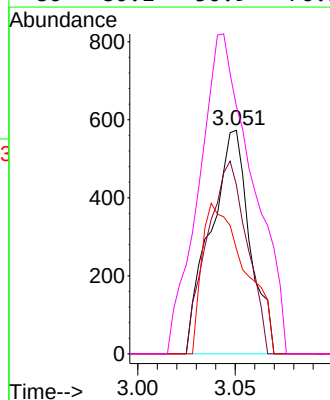
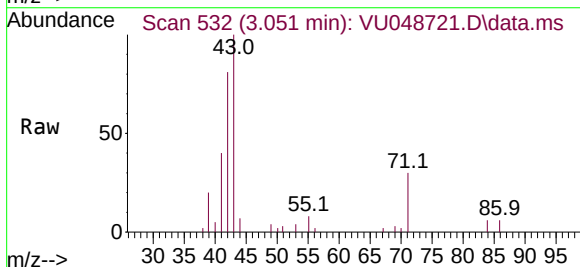
Ion Ratio Lower Upper

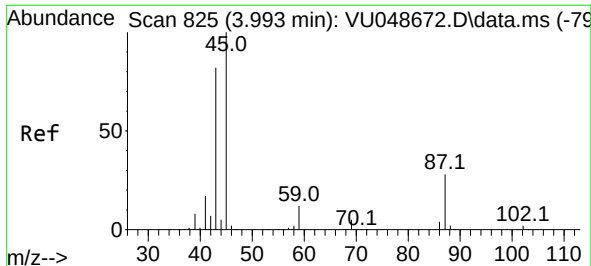
84 100

49 75.6 97.0 145.4#

51 46.9 29.8 44.8#

86 80.1 50.9 76.3#

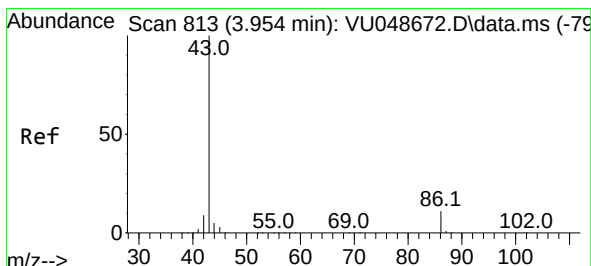
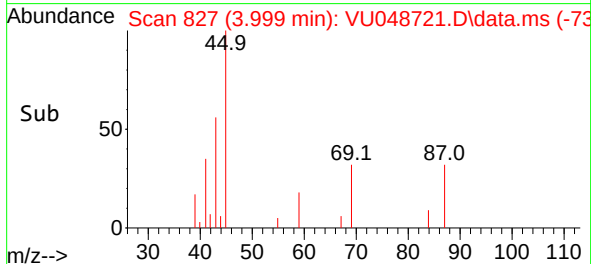
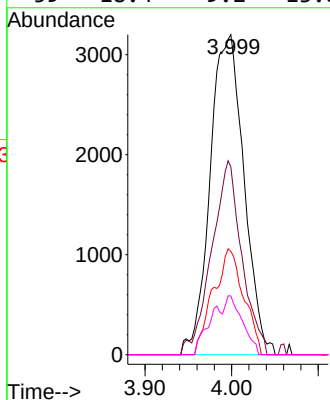
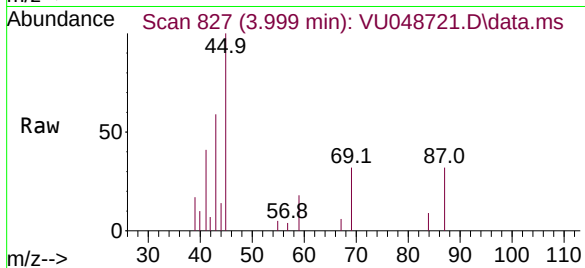




#22
Diisopropyl ether
Concen: 1.027 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

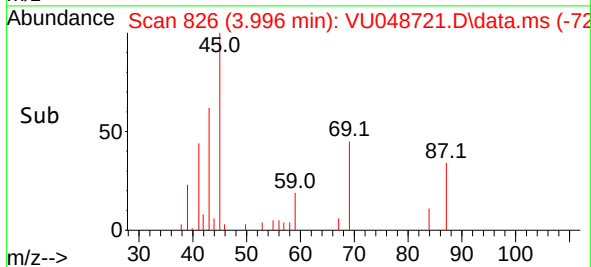
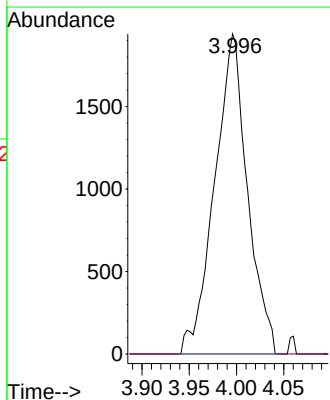
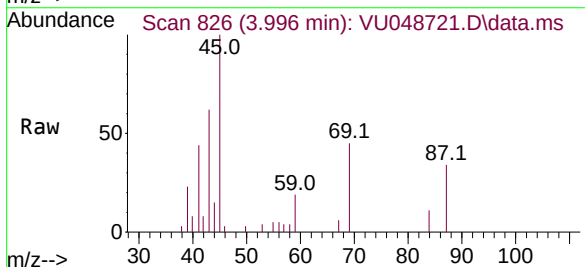
Instrument :
MSVOA_U
ClientSampleId :
TW-5

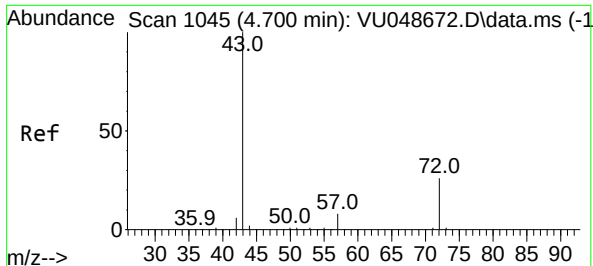
Tgt Ion: 45	Resp: 8680
Ion Ratio	Lower Upper
45	100
43	58.7 65.2 97.8#
87	32.3 22.7 34.1
59	18.4 9.2 13.8#



#23
Vinyl Acetate
Concen: 0.639 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.042 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 43	Resp: 4682
Ion Ratio	Lower Upper
43	100
86	0.0 8.4 12.6#





#25

2-Butanone

Concen: 2.674 ug/l

RT: 4.713 min Scan# 110

Delta R.T. 0.013 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

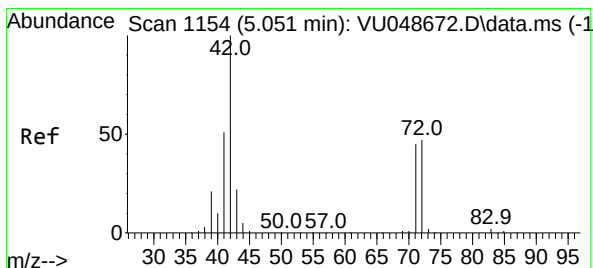
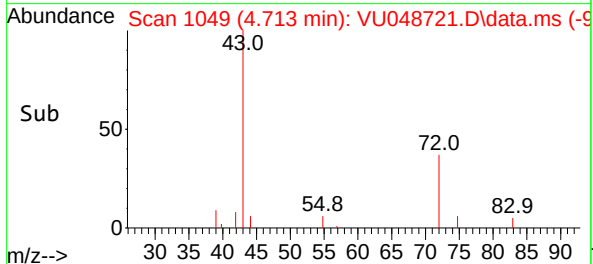
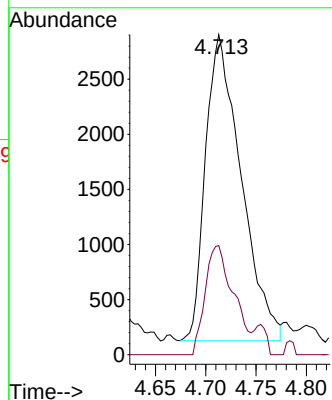
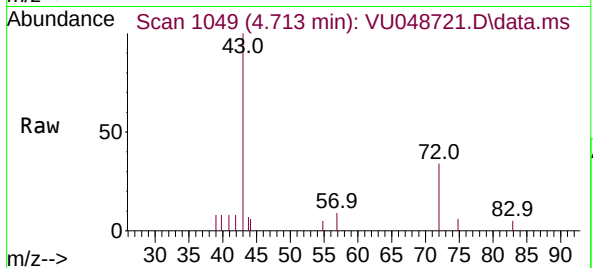
TW-5

Tgt Ion: 43 Resp: 6832

Ion Ratio Lower Upper

43 100

72 35.6 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.762 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.019 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

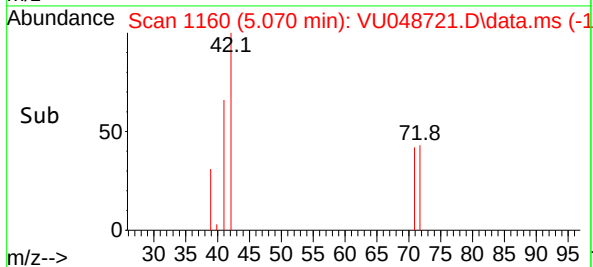
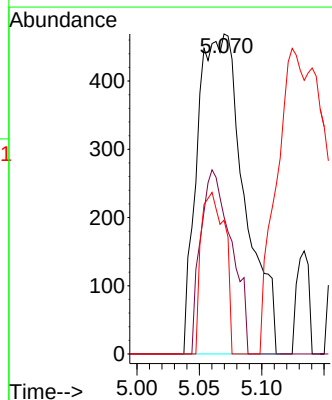
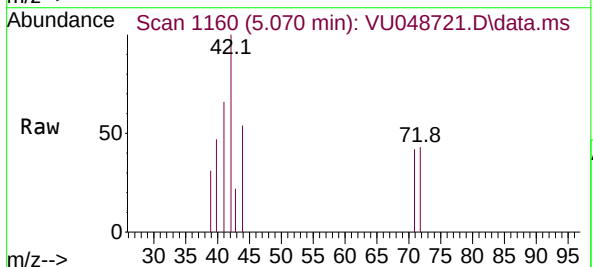
Tgt Ion: 42 Resp: 1226

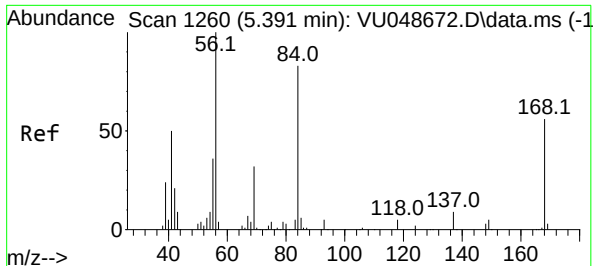
Ion Ratio Lower Upper

42 100

72 37.7 37.6 56.4

71 25.4 35.0 52.4#





#31

Cyclohexane

Concen: 1.332 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.013 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

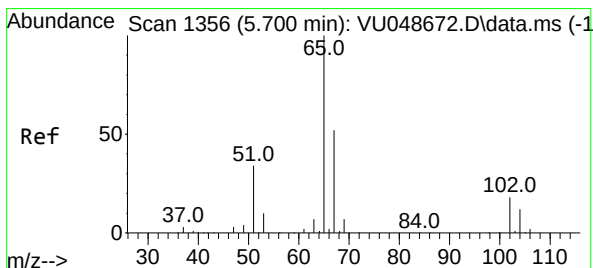
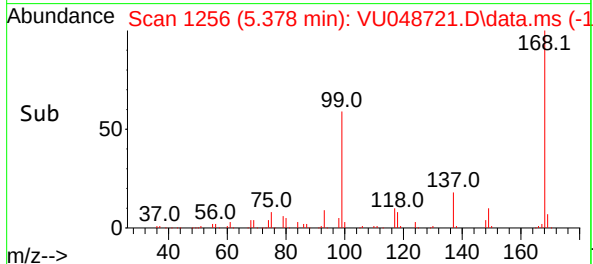
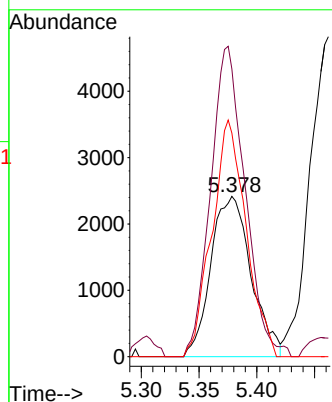
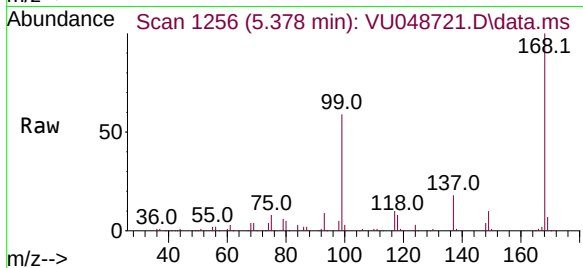
Tgt Ion: 56 Resp: 5858

Ion Ratio Lower Upper

56 100

69 179.5 25.6 38.4#

84 139.4 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048721.D

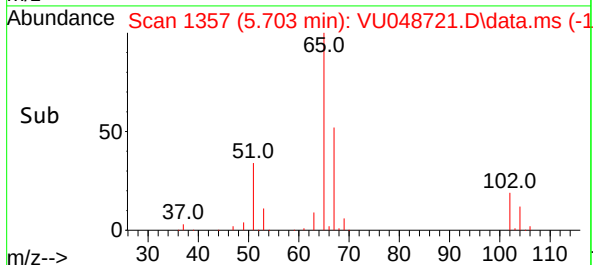
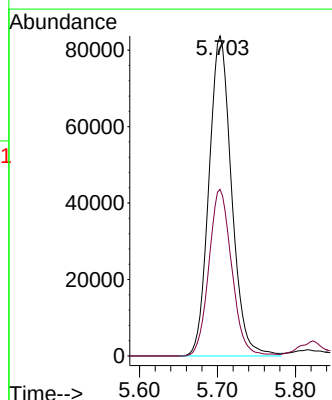
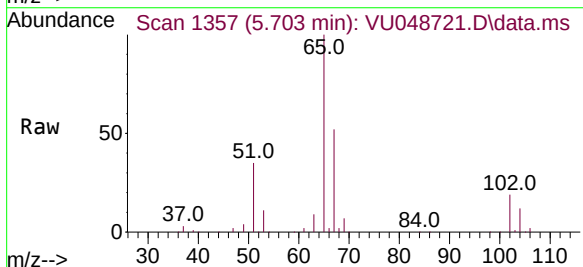
Acq: 28 May 2022 03:11

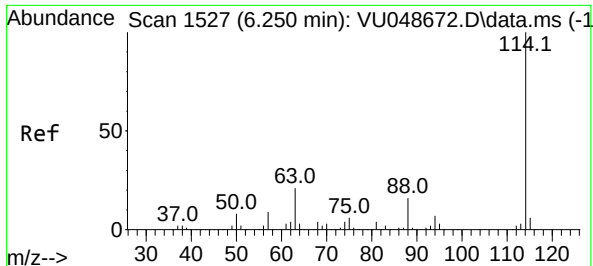
Tgt Ion: 65 Resp: 169265

Ion Ratio Lower Upper

65 100

67 52.6 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: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

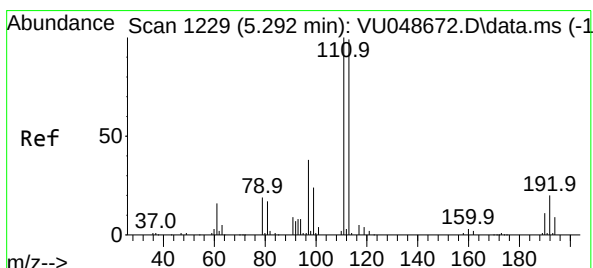
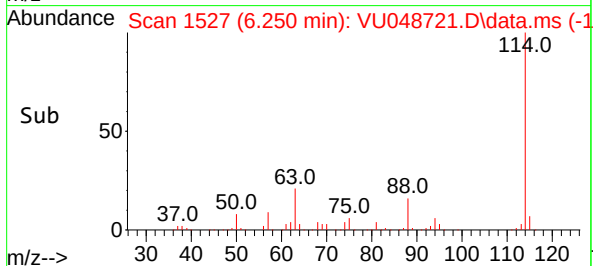
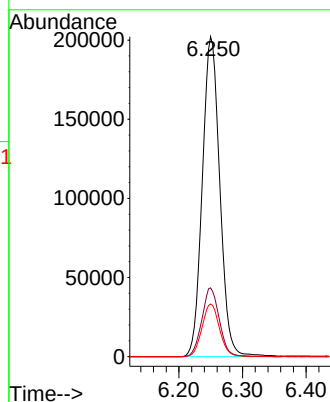
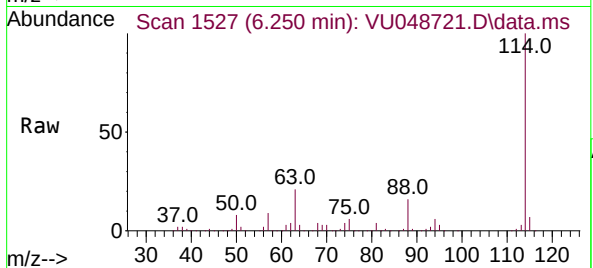
Tgt Ion:114 Resp: 386337

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.208 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

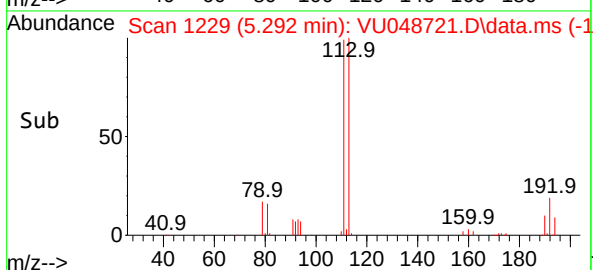
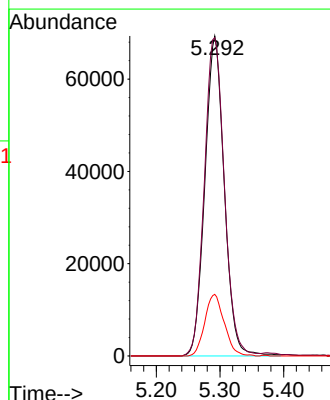
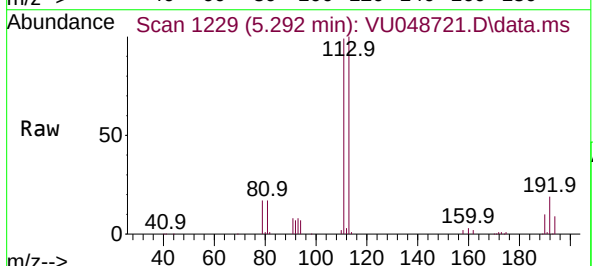
Tgt Ion:113 Resp: 146652

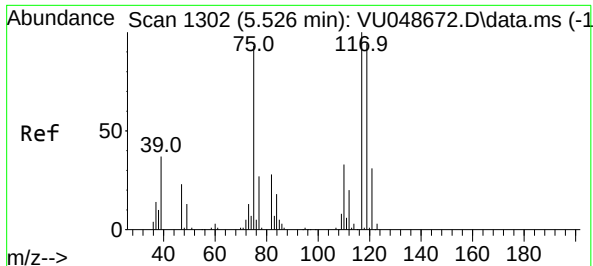
Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

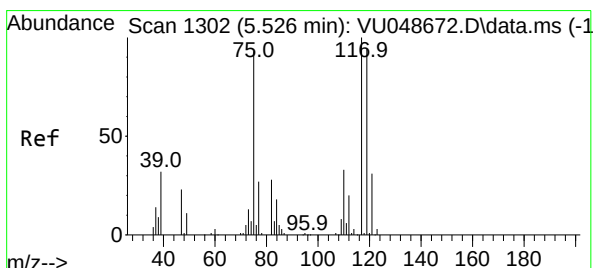
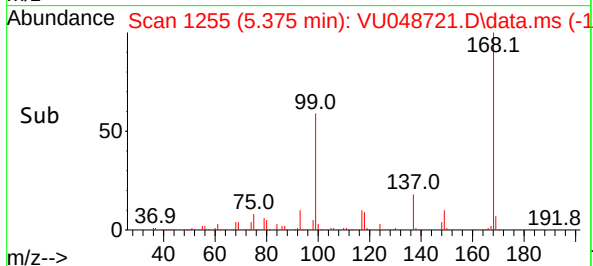
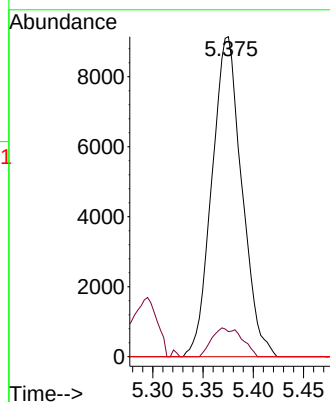
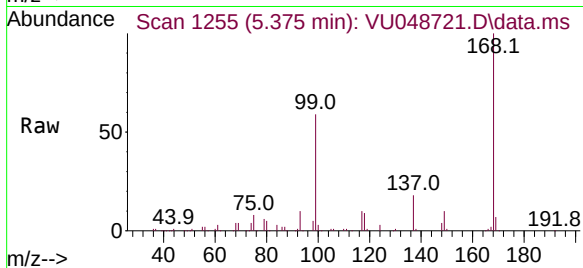
Tgt Ion: 75 Resp: 18921

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.185 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

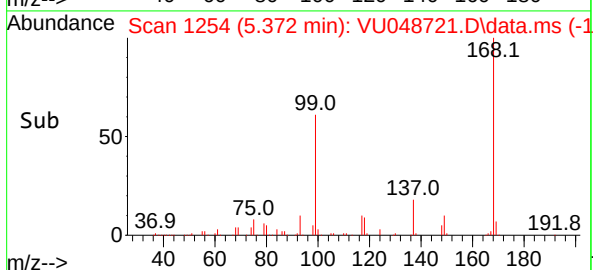
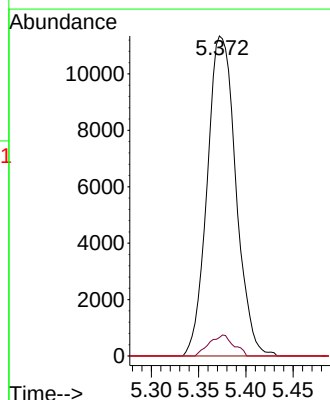
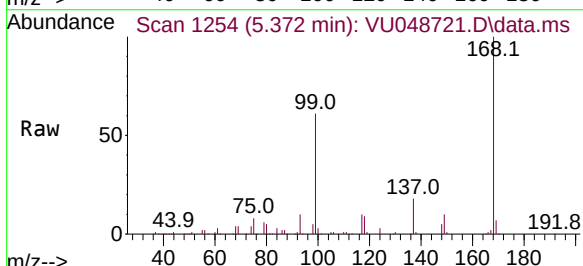
Tgt Ion: 117 Resp: 23927

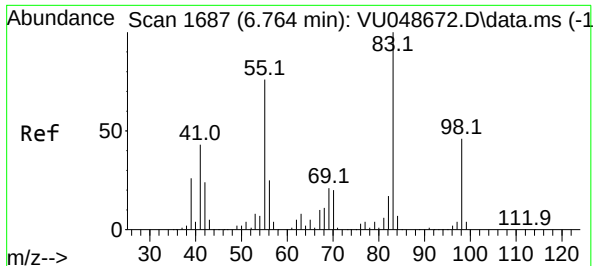
Ion Ratio Lower Upper

117 100

119 5.7 75.4 113.2#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.433 ug/l

RT: 6.558 min Scan# 1

Delta R.T. -0.206 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

TW-5

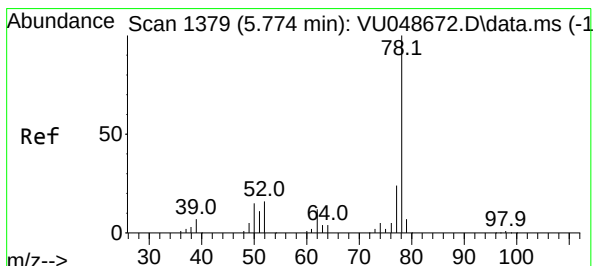
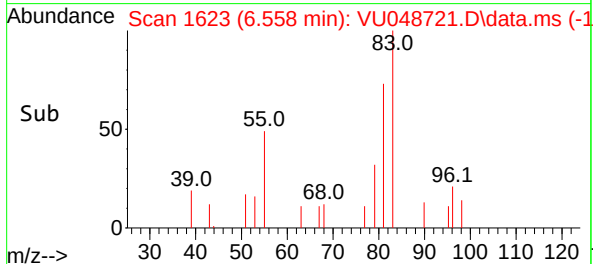
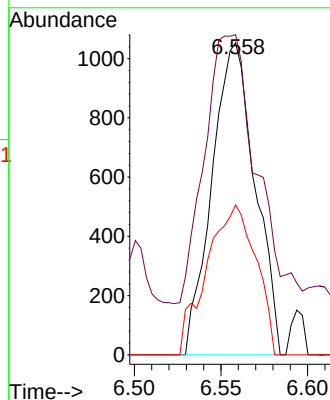
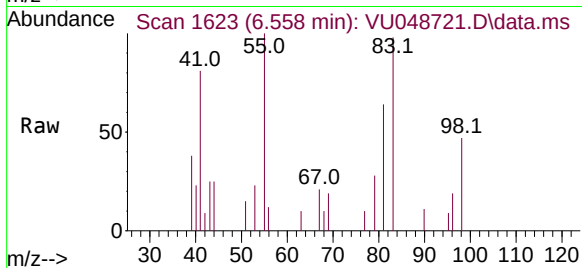
Tgt Ion: 83 Resp: 1825

Ion Ratio Lower Upper

83 100

55 85.9 61.0 91.6

98 48.0 36.8 55.2



#40

Benzene

Concen: 22.502 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048721.D

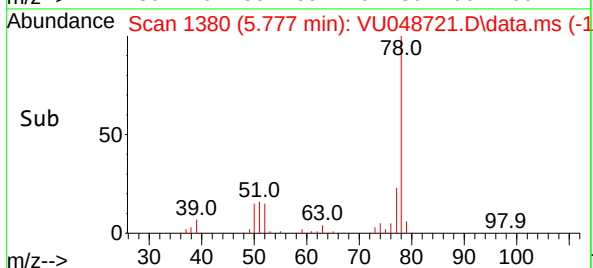
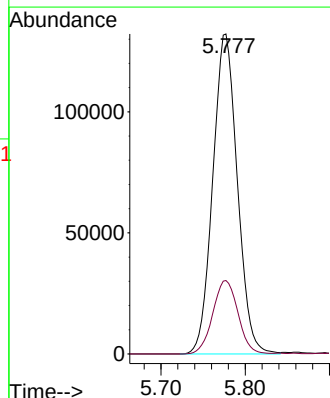
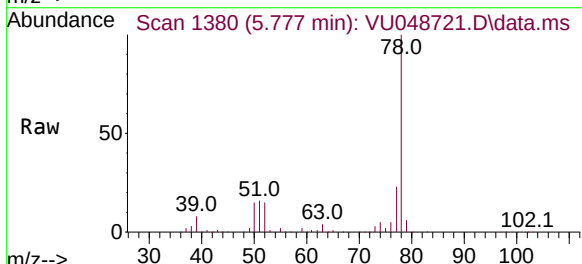
Acq: 28 May 2022 03:11

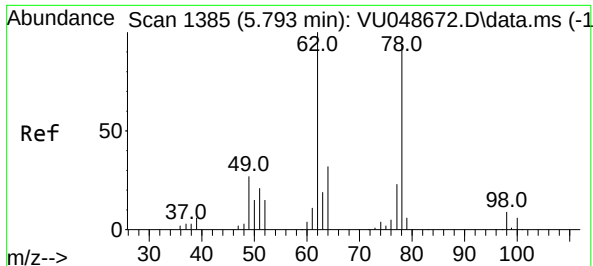
Tgt Ion: 78 Resp: 267232

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.510 ug/l

RT: 5.784 min Scan# 1382

Delta R.T. -0.009 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

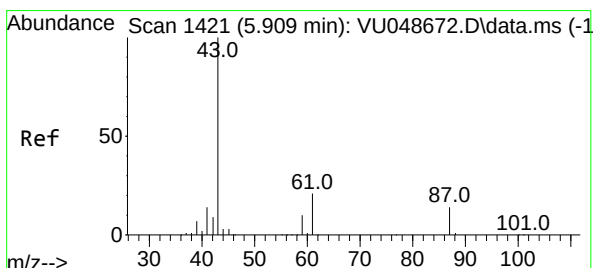
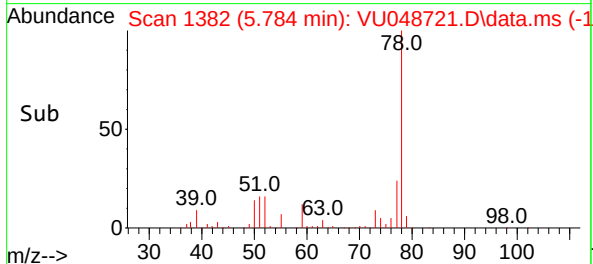
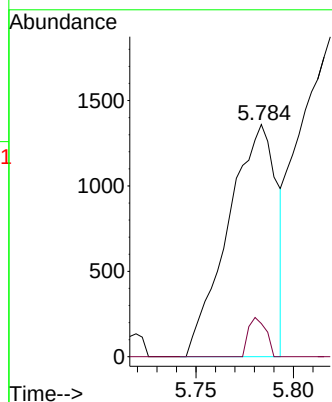
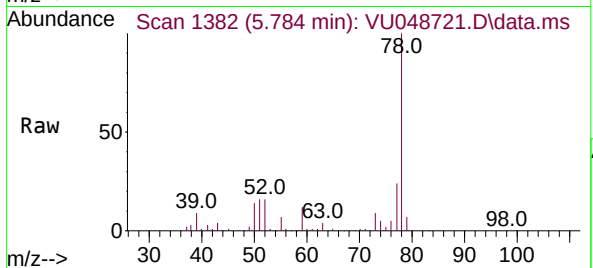
TW-5

Tgt Ion: 62 Resp: 2369

Ion Ratio Lower Upper

62 100

98 6.0 0.0 17.0



#43

Isopropyl Acetate

Concen: 60.107 ug/l

RT: 5.819 min Scan# 1393

Delta R.T. -0.090 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

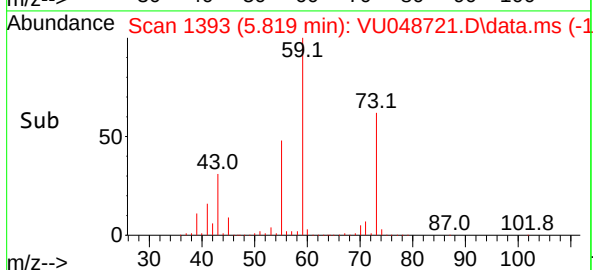
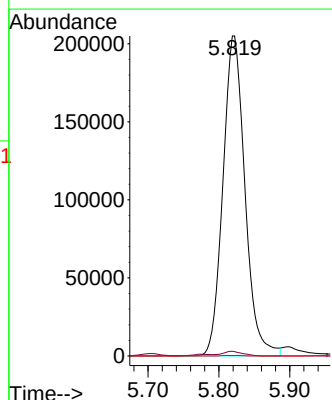
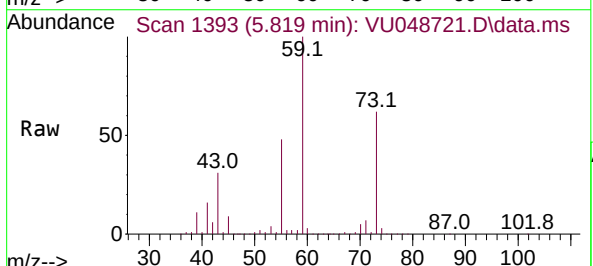
Tgt Ion: 43 Resp: 443650

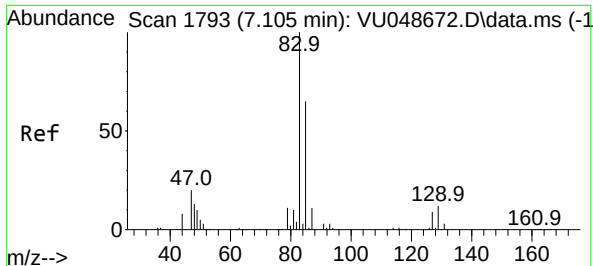
Ion Ratio Lower Upper

43 100

61 1.3 16.7 25.1#

87 0.1 10.9 16.3#

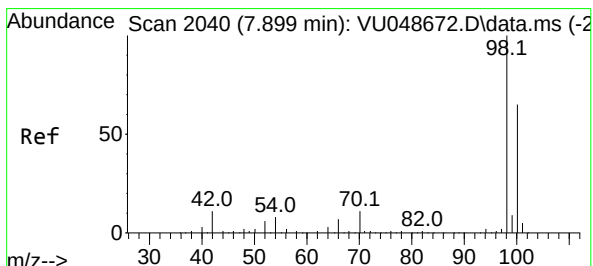
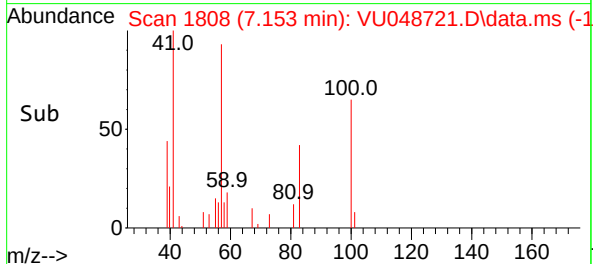
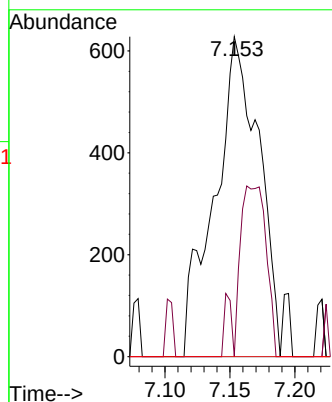
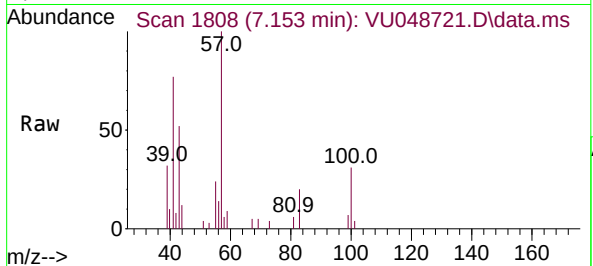




#47
Bromodichloromethane
Concen: 0.331 ug/l
RT: 7.153 min Scan# 11
Delta R.T. 0.048 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

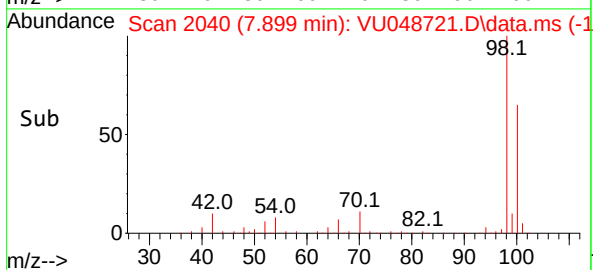
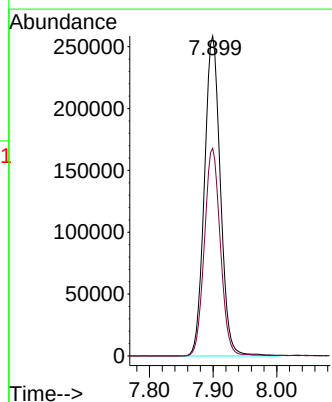
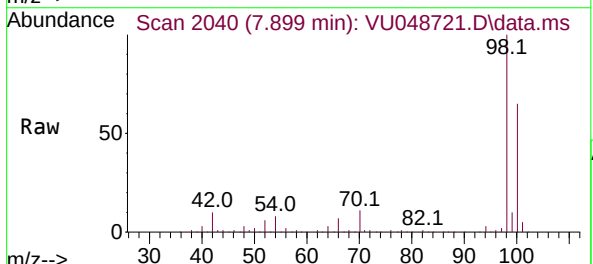
Instrument :
MSVOA_U
ClientSampleId :
TW-5

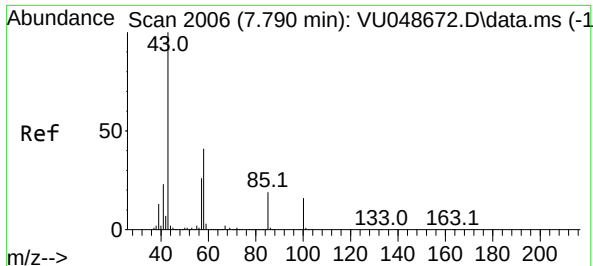
Tgt Ion: 83 Resp: 1493
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 0.0 6.9 10.3#



#50
Toluene-d8
Concen: 45.667 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 98 Resp: 451187
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 17.890 ug/l

RT: 7.684 min Scan# 1973

Delta R.T. -0.106 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

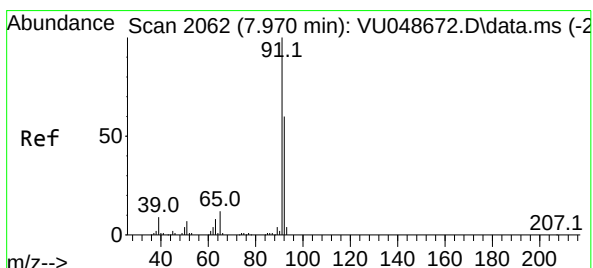
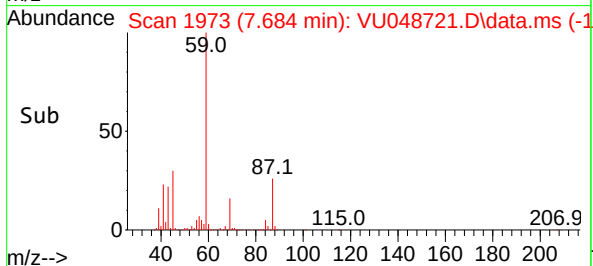
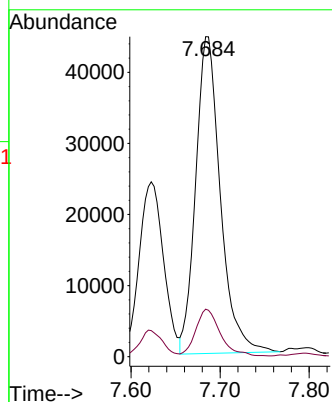
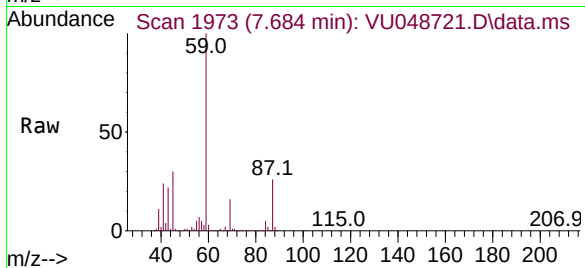
TW-5

Tgt Ion: 43 Resp: 85740

Ion Ratio Lower Upper

43 100

58 15.3 32.7 49.1#



#52

Toluene

Concen: 0.468 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048721.D

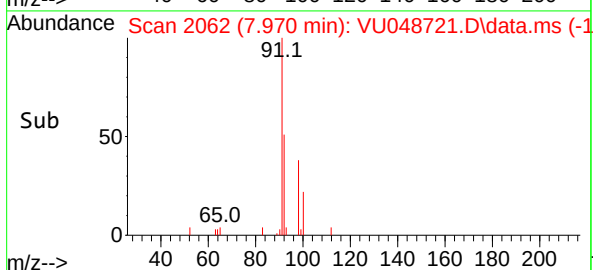
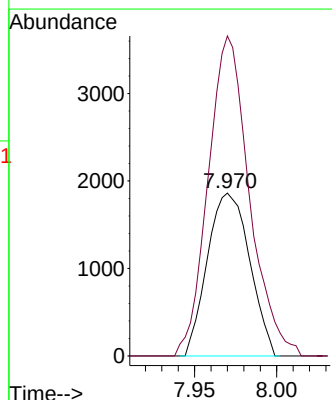
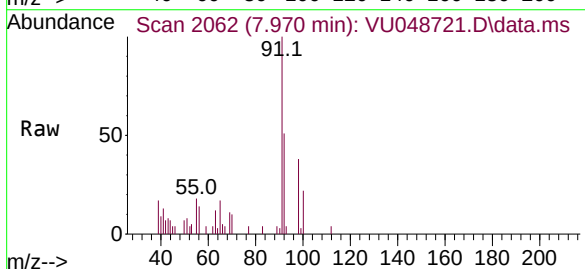
Acq: 28 May 2022 03:11

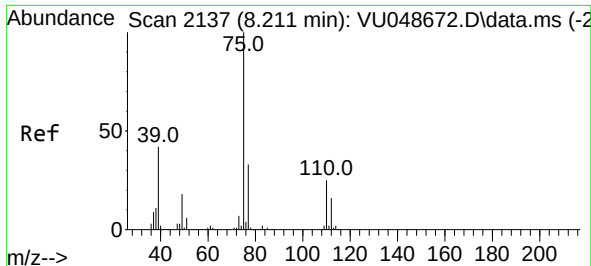
Tgt Ion: 92 Resp: 3328

Ion Ratio Lower Upper

92 100

91 191.6 135.0 202.4

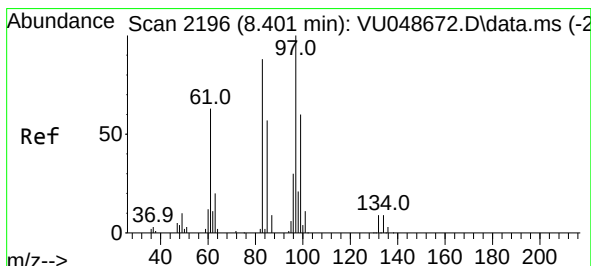
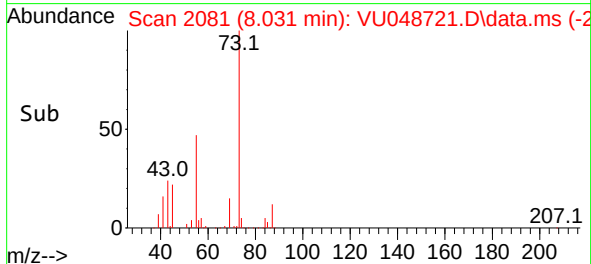
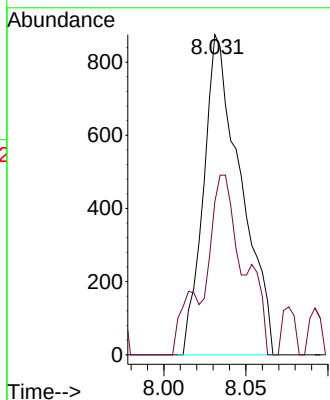
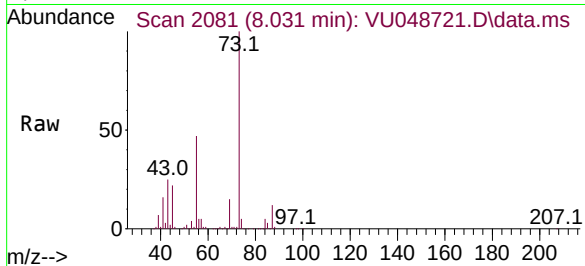




#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 8.031 min Scan# 2081
Delta R.T. -0.180 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

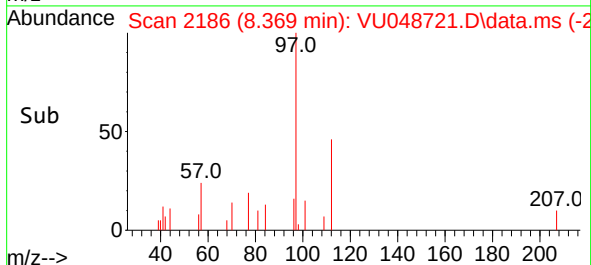
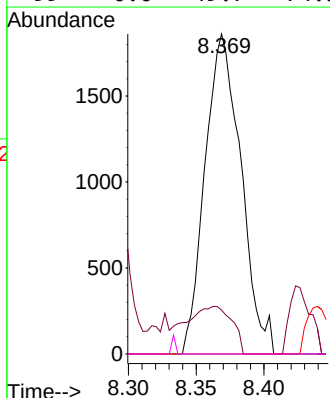
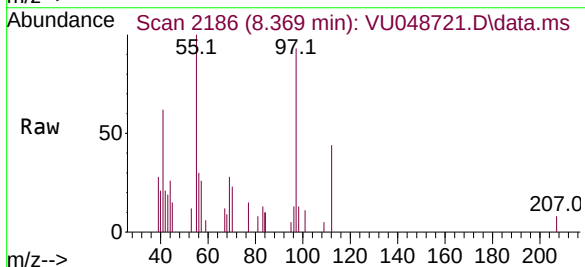
Instrument :
MSVOA_U
ClientSampleId :
TW-5

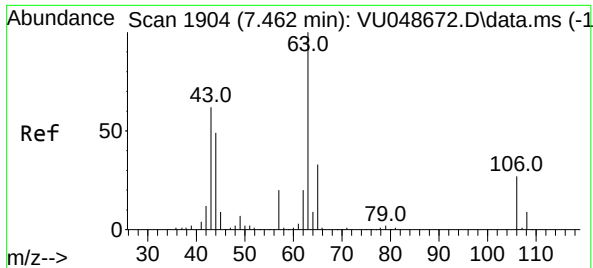
Tgt Ion: 75 Resp: 1377
Ion Ratio Lower Upper
75 100
77 47.8 26.2 39.4#



#55
1,1,2-Trichloroethane
Concen: 1.094 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.032 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 97 Resp: 3429
Ion Ratio Lower Upper
97 100
83 13.7 70.2 105.4#
85 0.0 45.6 68.4#
99 0.0 49.7 74.5#

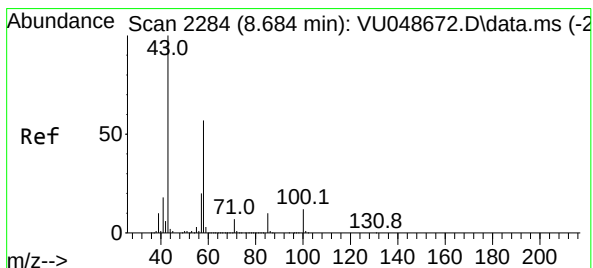
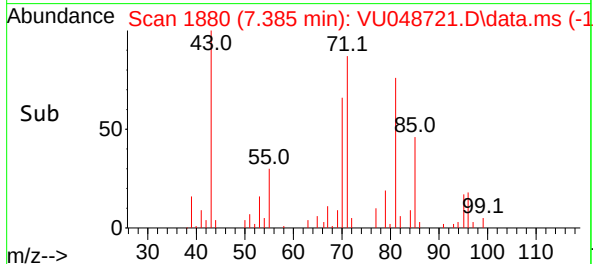
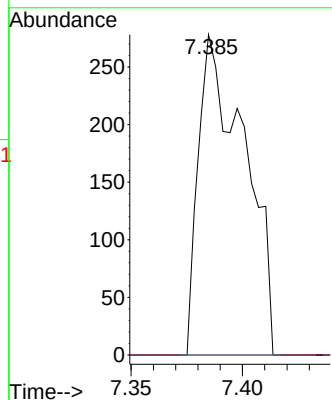
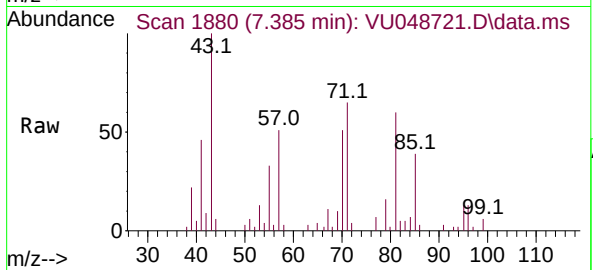




#58
2-Chloroethyl Vinyl ether
Concen: 30.071 ug/l
RT: 7.385 min Scan# 11
Delta R.T. -0.077 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

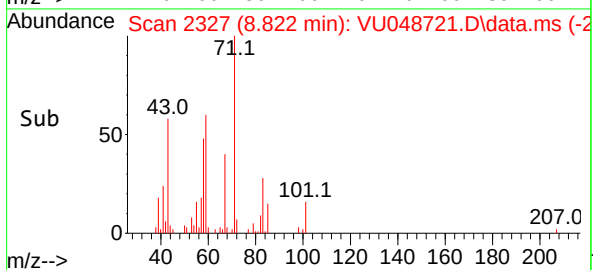
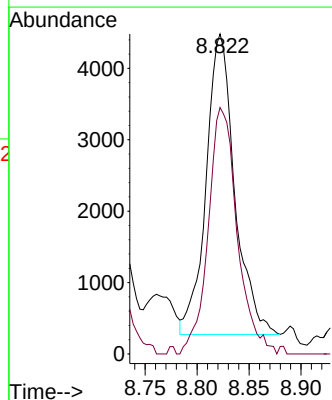
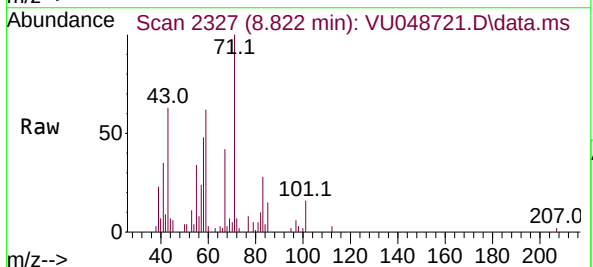
Instrument :
MSVOA_U
ClientSampleId :
TW-5

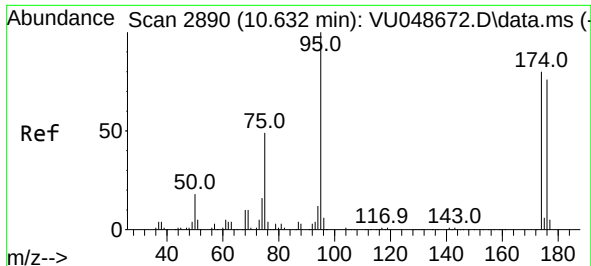
Tgt Ion: 63 Resp: 399
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 2.050 ug/l
RT: 8.822 min Scan# 2327
Delta R.T. 0.138 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 43 Resp: 8066
Ion Ratio Lower Upper
43 100
58 83.1 28.2 84.6

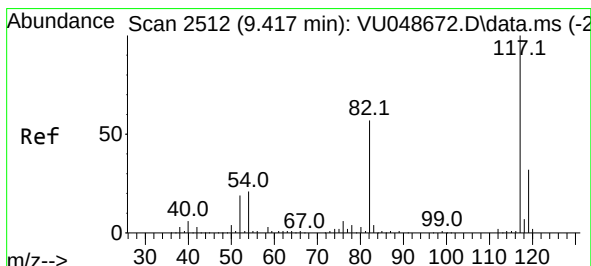
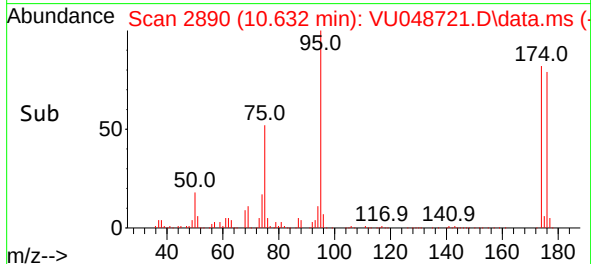
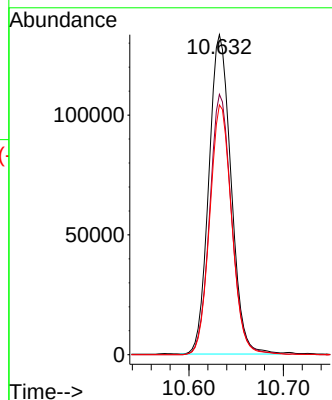
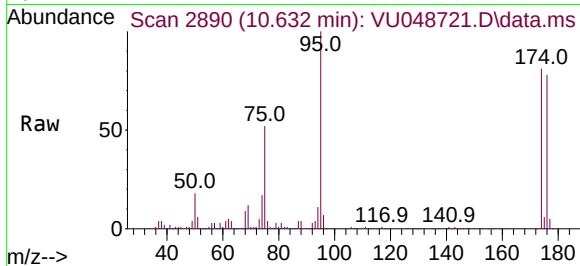




#62
4-Bromofluorobenzene
Concen: 58.266 ug/l
RT: 10.632 min Scan# 217713
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

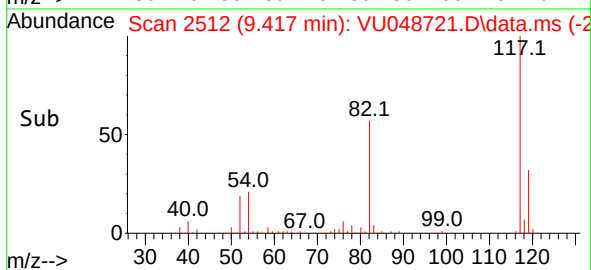
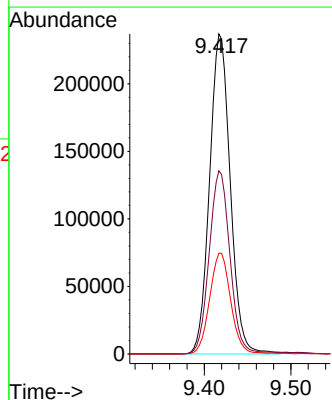
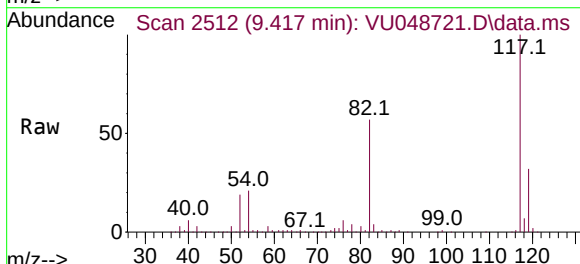
Instrument :
MSVOA_U
ClientSampleId :
TW-5

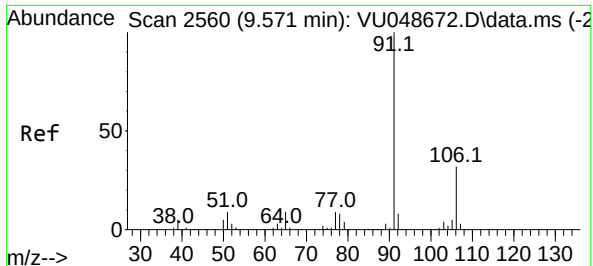
Tgt Ion: 95 Resp: 217713
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.4
176 77.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 117 Resp: 392876
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 25.4 38.2

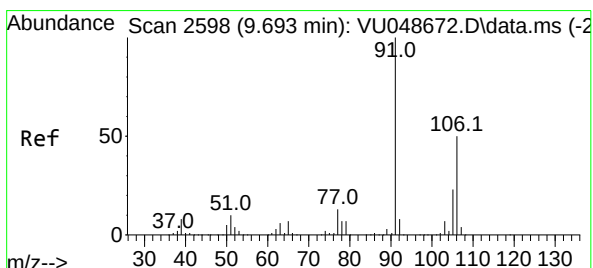
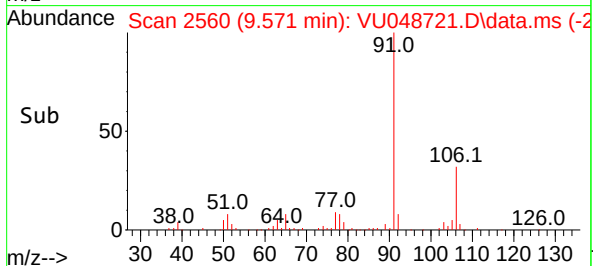
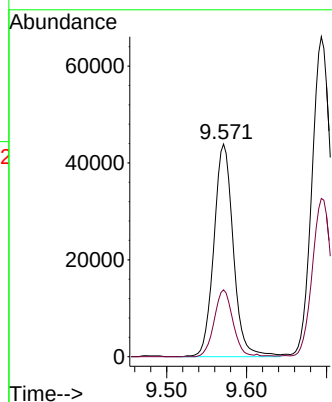
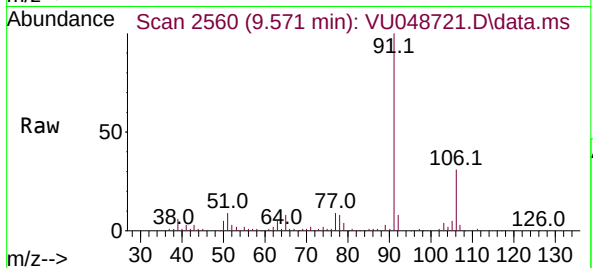




#67
Ethyl Benzene
Concen: 5.277 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

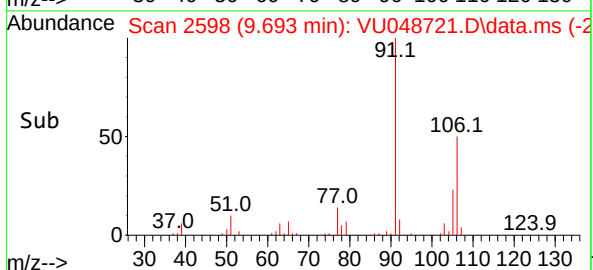
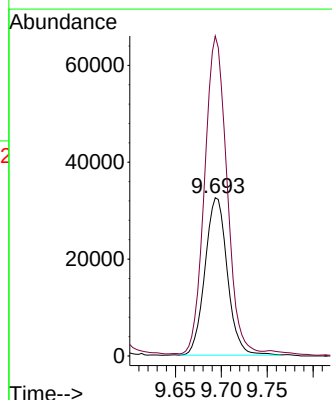
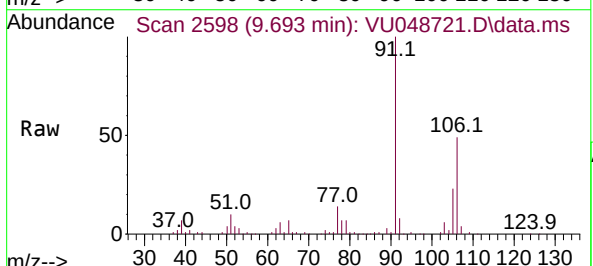
Instrument :
MSVOA_U
ClientSampleId :
TW-5

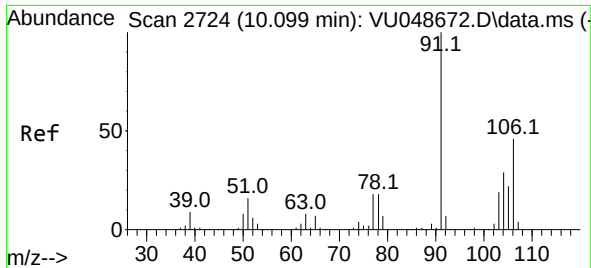
Tgt Ion: 91 Resp: 73954
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 10.063 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 106 Resp: 55158
Ion Ratio Lower Upper
106 100
91 200.7 162.4 243.6

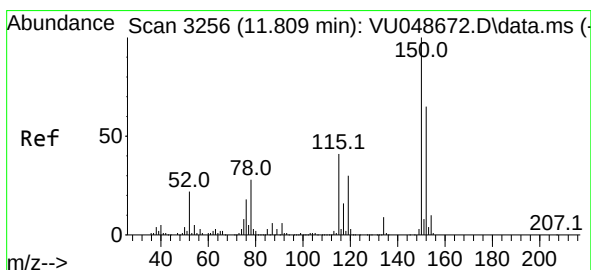
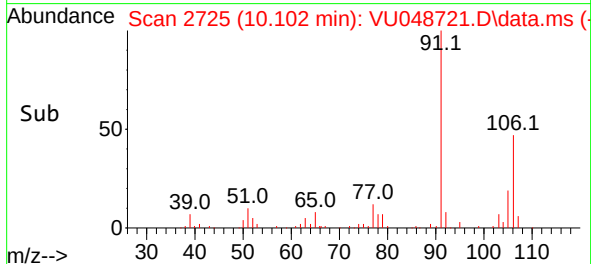
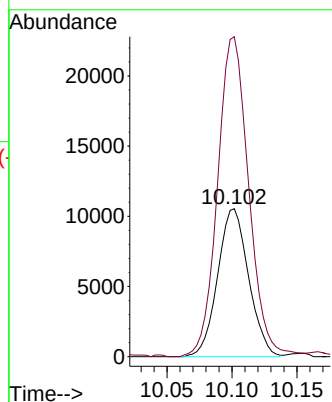
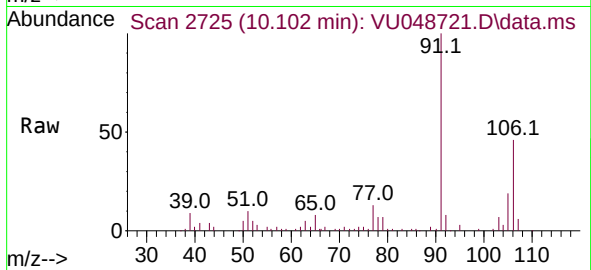




#69
o-Xylene
Concen: 3.241 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

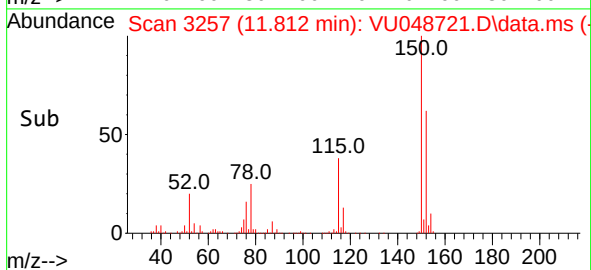
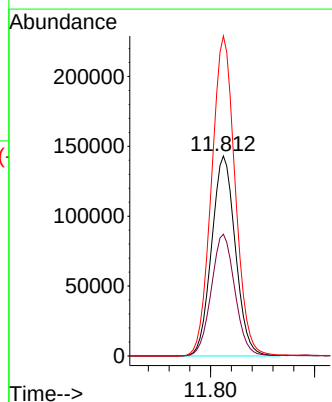
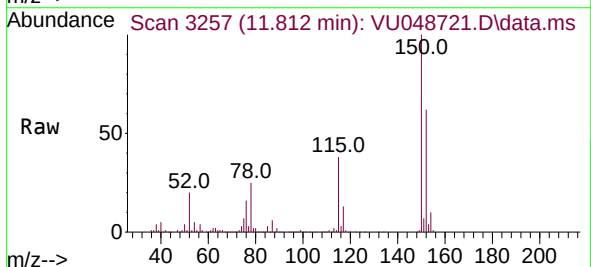
Instrument :
MSVOA_U
ClientSampleId :
TW-5

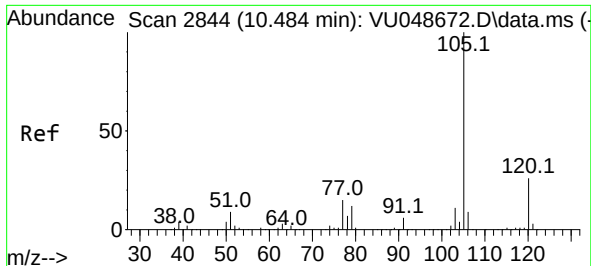
Tgt Ion:106 Resp: 17455
Ion Ratio Lower Upper
106 100
91 217.8 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion:152 Resp: 227158
Ion Ratio Lower Upper
152 100
115 60.6 41.8 125.4
150 159.5 0.0 341.0

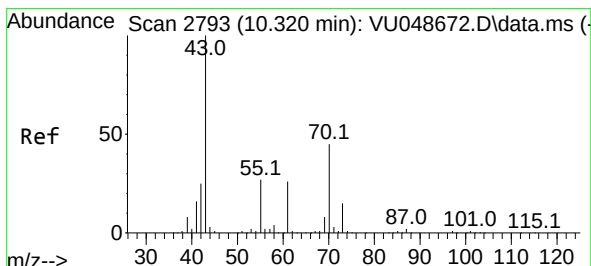
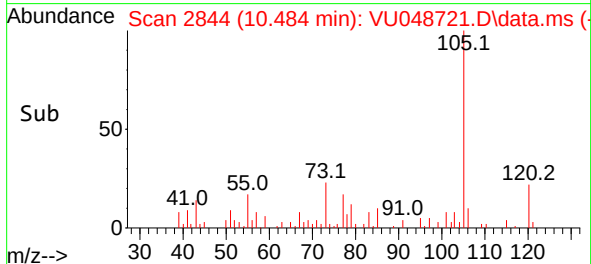
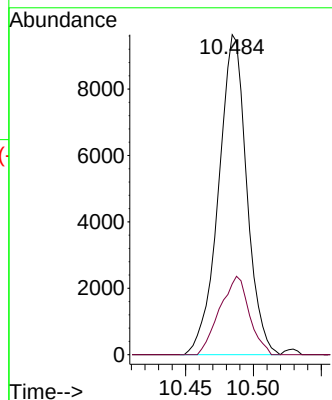
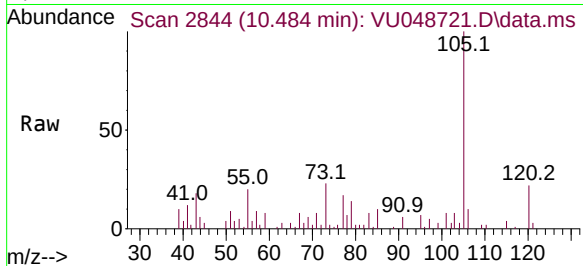




#73
Isopropylbenzene
Concen: 0.948 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

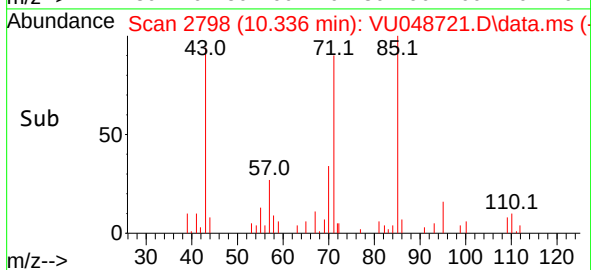
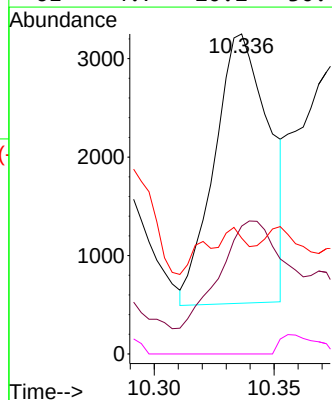
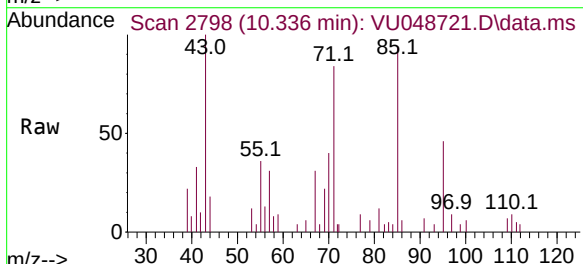
Instrument :
MSVOA_U
ClientSampleId :
TW-5

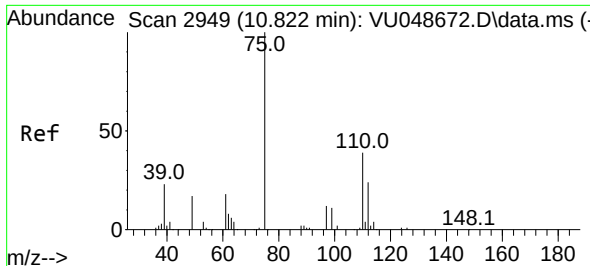
Tgt Ion:105 Resp: 13909
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 3.020 ug/l
RT: 10.336 min Scan# 2798
Delta R.T. 0.016 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 43 Resp: 4319
Ion Ratio Lower Upper
43 100
70 47.9 35.8 53.6
55 0.0 21.1 31.7#
61 4.7 20.2 30.4#

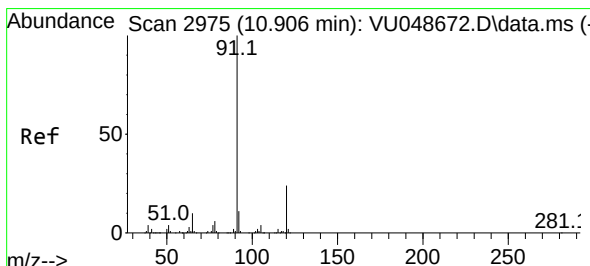
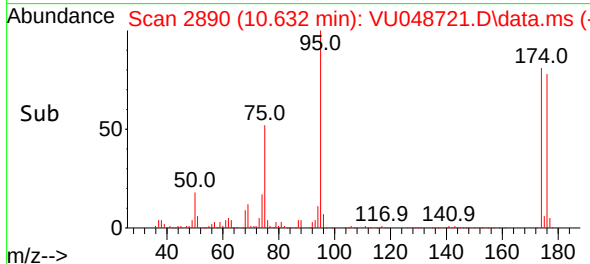
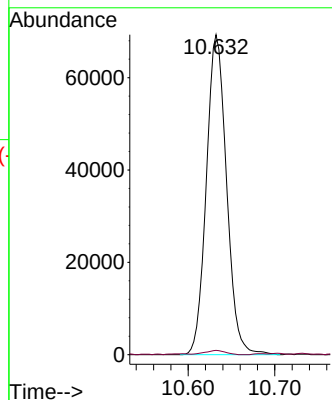
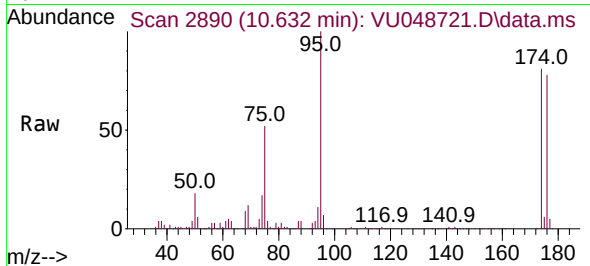




#76
1,2,3-Trichloropropane
Concen: 15.337 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

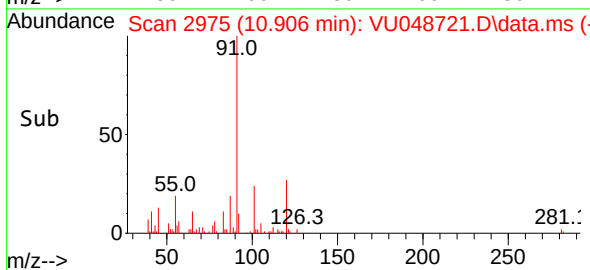
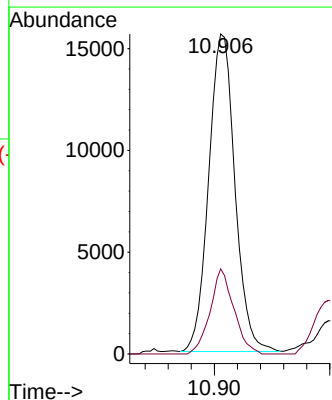
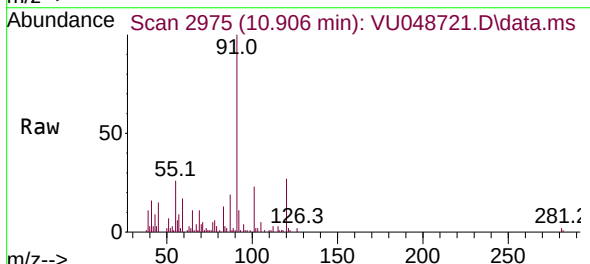
Instrument :
MSVOA_U
ClientSampleId :
TW-5

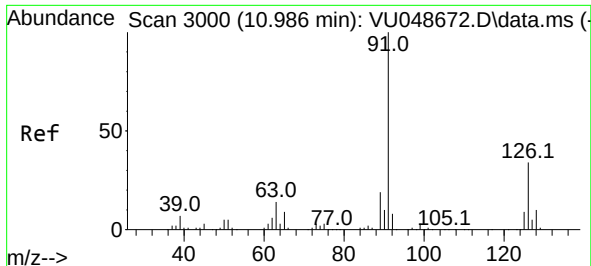
Tgt Ion: 75 Resp: 112329
Ion Ratio Lower Upper
75 100
77 1.4 14.8 44.3#



#78
n-propylbenzene
Concen: 1.411 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 91 Resp: 24660
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 0.229 ug/l

RT: 11.002 min Scan# 3005

Delta R.T. 0.016 min

Lab File: VU048721.D

Acq: 28 May 2022 03:11

Instrument :

MSVOA_U

ClientSampleId :

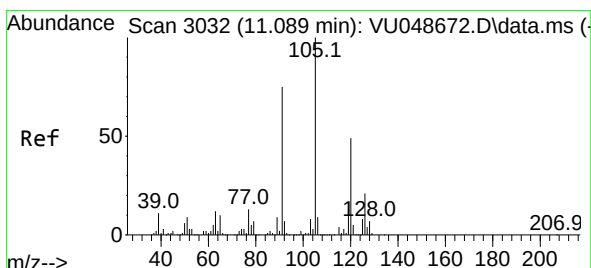
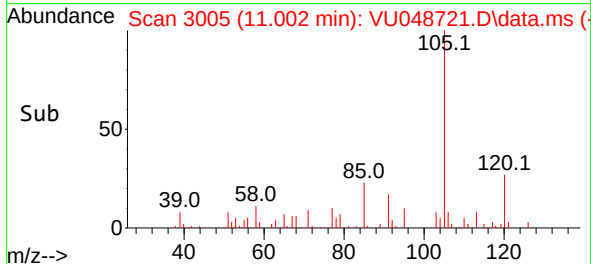
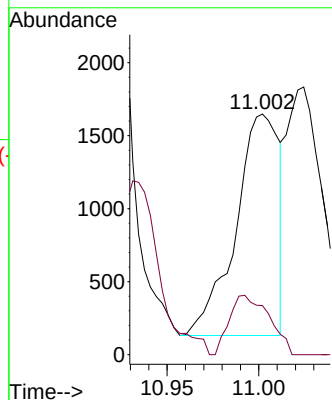
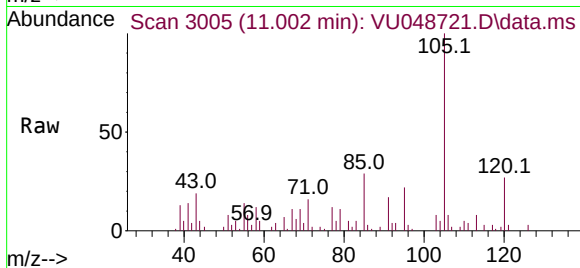
TW-5

Tgt Ion: 91 Resp: 2494

Ion Ratio Lower Upper

91 100

126 24.7 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 1.215 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048721.D

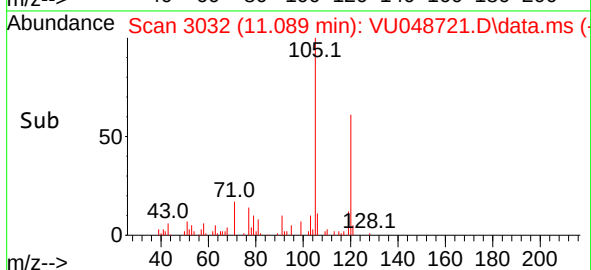
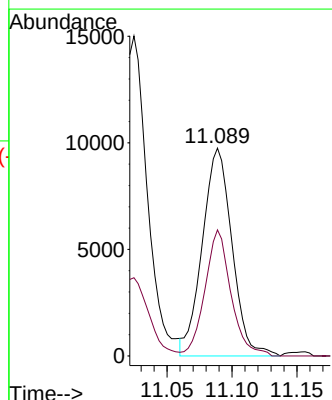
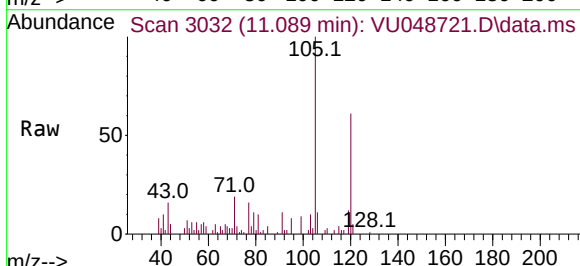
Acq: 28 May 2022 03:11

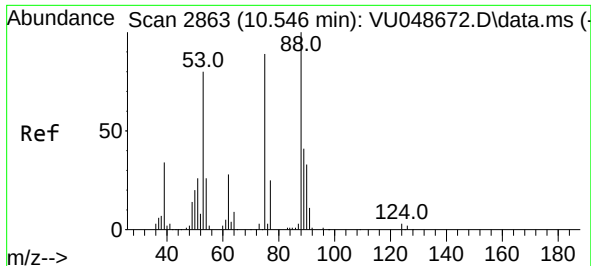
Tgt Ion: 105 Resp: 15501

Ion Ratio Lower Upper

105 100

120 53.2 24.1 72.3

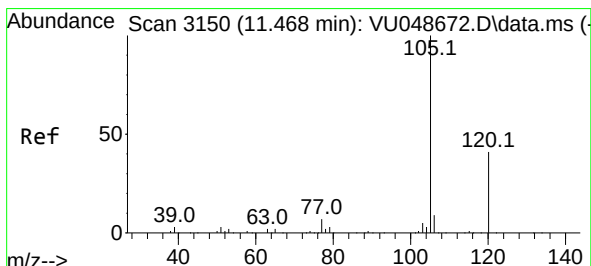
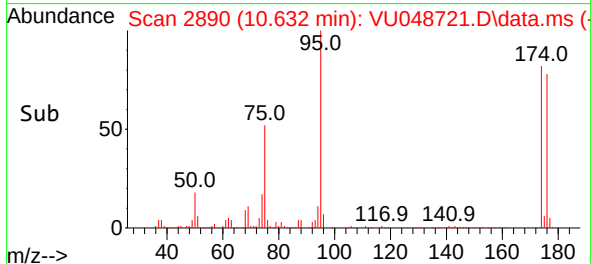
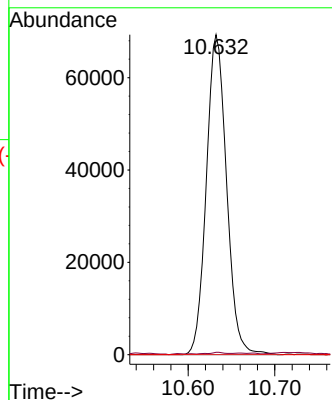
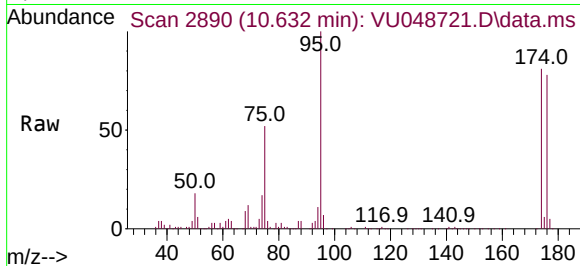




#81
trans-1,4-Dichloro-2-butene
Concen: 55.686 ug/l
RT: 10.632 min Scan# 2863
Delta R.T. 0.087 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

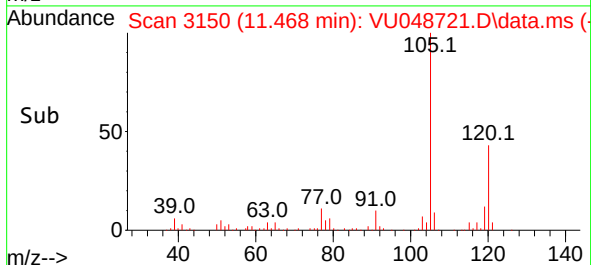
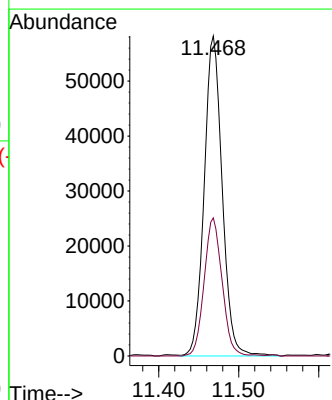
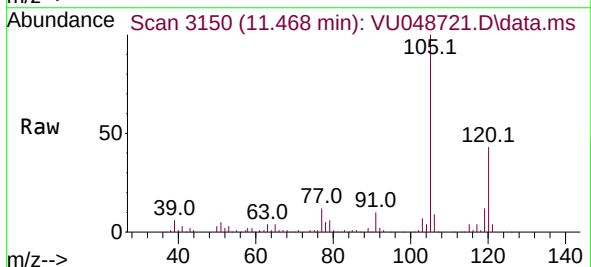
Instrument :
MSVOA_U
ClientSampleId :
TW-5

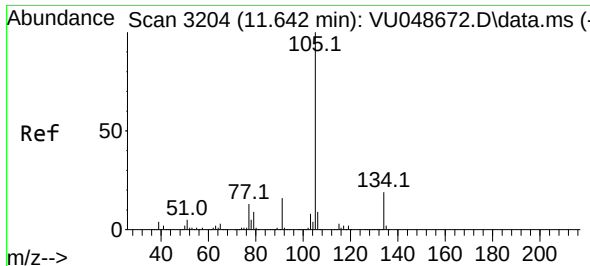
Tgt Ion: 75 Resp: 112329
Ion Ratio Lower Upper
75 100
53 0.4 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 7.671 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 105 Resp: 91286
Ion Ratio Lower Upper
105 100
120 42.8 22.5 67.5

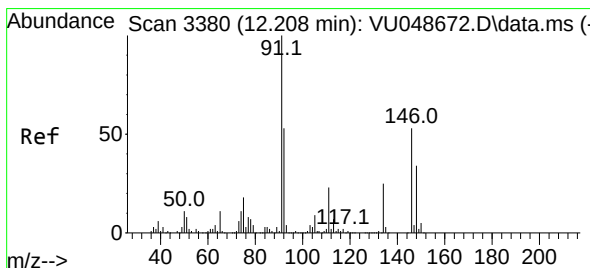
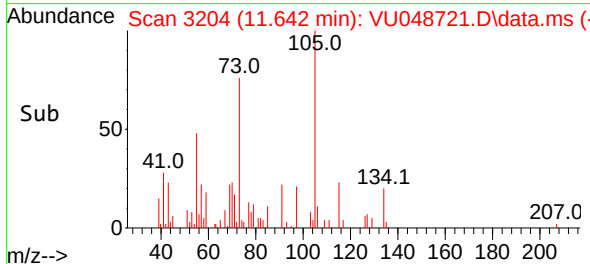
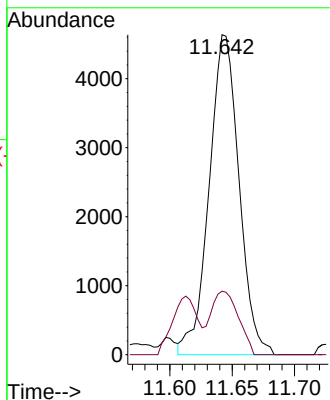
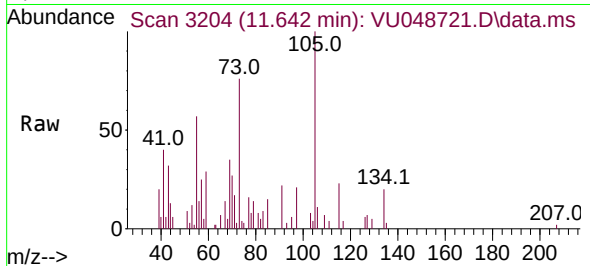




#85
 sec-Butylbenzene
 Concen: 0.505 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048721.D
 Acq: 28 May 2022 03:11

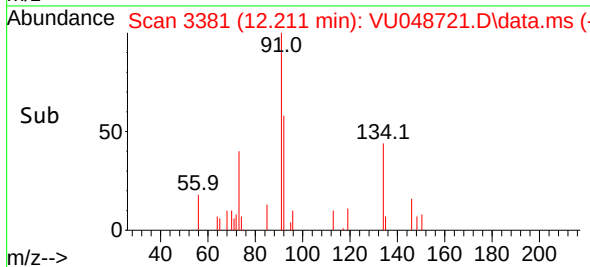
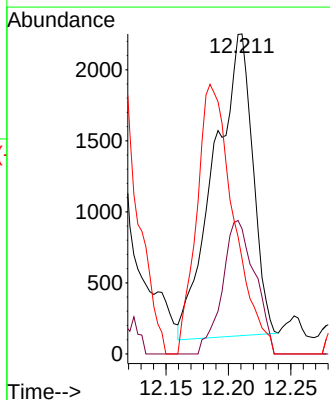
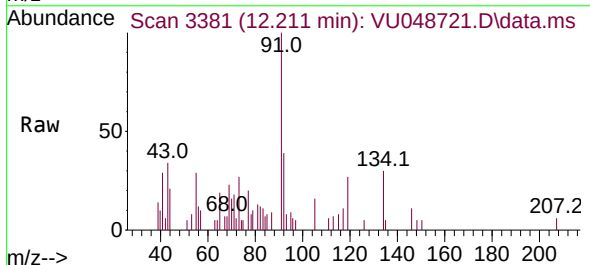
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

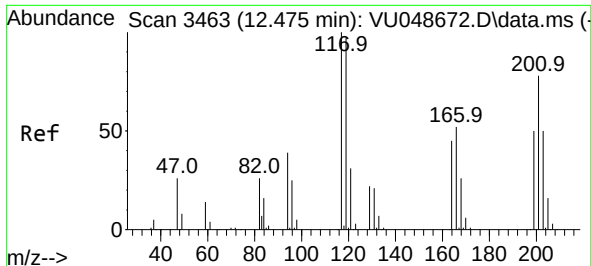
Tgt Ion:105 Resp: 7736
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6



#89
 n-Butylbenzene
 Concen: 2.518 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU048721.D
 Acq: 28 May 2022 03:11

Tgt Ion: 91 Resp: 4580
 Ion Ratio Lower Upper
 91 100
 92 37.3 25.9 77.8
 134 0.0 12.5 37.5#

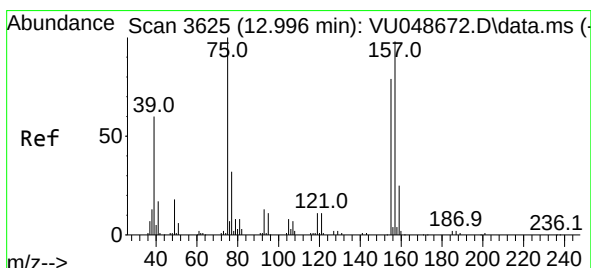
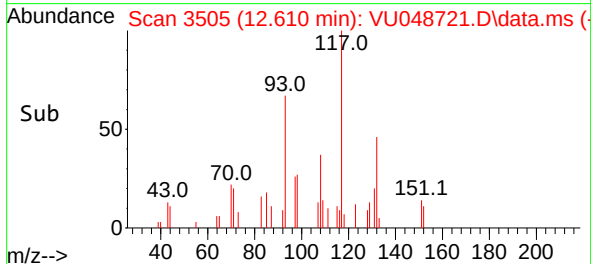
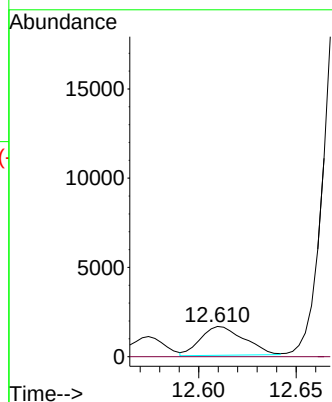
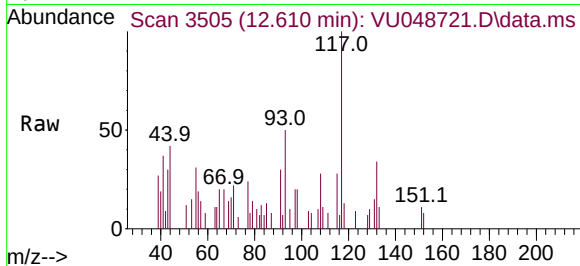




#90
Hexachloroethane
Concen: 0.930 ug/l
RT: 12.610 min Scan# 311
Delta R.T. 0.135 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

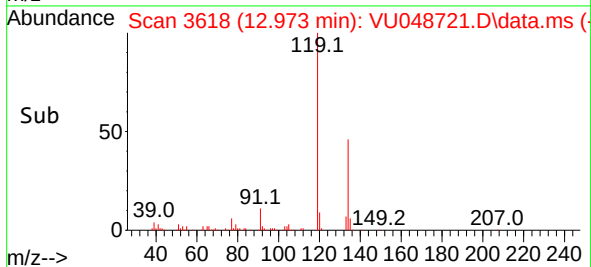
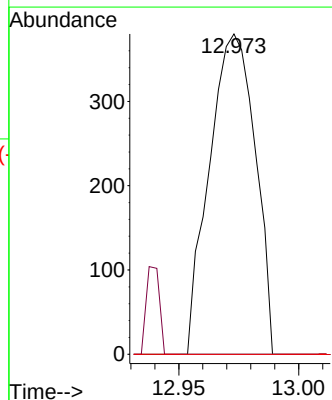
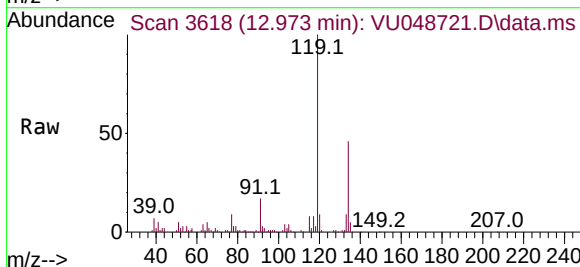
Instrument :
MSVOA_U
ClientSampleId :
TW-5

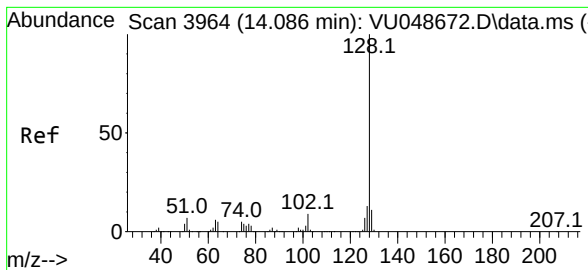
Tgt Ion:117 Resp: 2496
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.293 ug/l
RT: 12.973 min Scan# 3618
Delta R.T. -0.023 min
Lab File: VU048721.D
Acq: 28 May 2022 03:11

Tgt Ion: 75 Resp: 505
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 50.0 150.0#





#95
 Naphthalene
 Concen: 20.101 ug/l
 RT: 14.085 min Scan# 3964
 Delta R.T. -0.001 min
 Lab File: VU048721.D
 Acq: 28 May 2022 03:11

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-5

Tgt Ion:128 Resp: 330892
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 10.8 8.7 13.1

