

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048717.D
 Acq On : 28 May 2022 01:37
 Operator : SY/MD
 Sample : N3033-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-17

Quant Time: May 30 02:58:54 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	219868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	383057	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	384788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	214503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	167282	50.661	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.320%
35) Dibromofluoromethane	5.292	113	141217	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.340%
50) Toluene-d8	7.899	98	450719	46.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	10.632	95	210568	56.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.858	94	469	Below Cal	#	61
6) Chloroethane	1.909	64	223	Below Cal	#	55
10) Methyl Iodide	2.726	142	239	3.069	ug/l #	37
11) Tert butyl alcohol	3.170	59	604160	721.688	ug/l #	42
13) Acrolein	2.472	56	1143	Below Cal	#	1
14) Allyl chloride	3.166	41	131010	30.226	ug/l #	64
15) Acrylonitrile	3.363	53	41035	22.601	ug/l #	30
16) Acetone	2.626	43	15218	9.043	ug/l	95
17) Carbon Disulfide	2.790	76	3479	0.533	ug/l #	92
18) Methyl Acetate	3.044	43	6395	1.514	ug/l #	51
19) Methyl tert-butyl Ether	3.363	73	4333314	510.341	ug/l	99
20) Methylene Chloride	3.047	84	2034	0.711	ug/l	93
22) Diisopropyl ether	3.993	45	36091	4.514	ug/l #	78
23) Vinyl Acetate	3.993	43	18764	2.709	ug/l #	72
25) 2-Butanone	4.723	43	3515	1.454	ug/l	94
29) Tetrahydrofuran	5.060	42	3782	2.484	ug/l	96
31) Cyclohexane	5.385	56	12368	2.972	ug/l #	53
36) 1,1-Dichloropropene	5.372	75	17502	4.388	ug/l #	49
38) Carbon Tetrachloride	5.372	117	22820	4.987	ug/l #	17
39) Methylcyclohexane	6.761	83	1564	0.374	ug/l #	85
40) Benzene	5.774	78	368509	31.295	ug/l	100
42) 1,2-Dichloroethane	5.797	62	21778	4.725	ug/l	96
43) Isopropyl Acetate	5.819	43	288892	39.475	ug/l #	60
47) Bromodichloromethane	7.163	83	2640	0.589	ug/l #	13
48) Methyl methacrylate	7.166	41	43560	13.259	ug/l #	30
51) 4-Methyl-2-Pentanone	7.793	43	3517	0.740	ug/l	96
52) Toluene	7.970	92	84373	11.979	ug/l	97
56) Ethyl methacrylate	8.353	69	1177	2.840	ug/l #	58
58) 2-Chloroethyl Vinyl ether	7.616	63	608	30.240	ug/l #	47
59) 2-Hexanone	8.488	43	12200	3.127	ug/l	84
64) Tetrachloroethene	8.539	164	49	Below Cal	#	1
67) Ethyl Benzene	9.571	91	92208	6.718	ug/l	99
68) m/p-Xylenes	9.693	106	82922	15.446	ug/l	98
69) o-Xylene	10.102	106	58643	11.119	ug/l	100
70) Styrene	10.102	104	3135	0.361	ug/l #	1
73) Isopropylbenzene	10.484	105	5043	0.364	ug/l	100

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Quant Time: May 30 02:58:54 2022
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 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

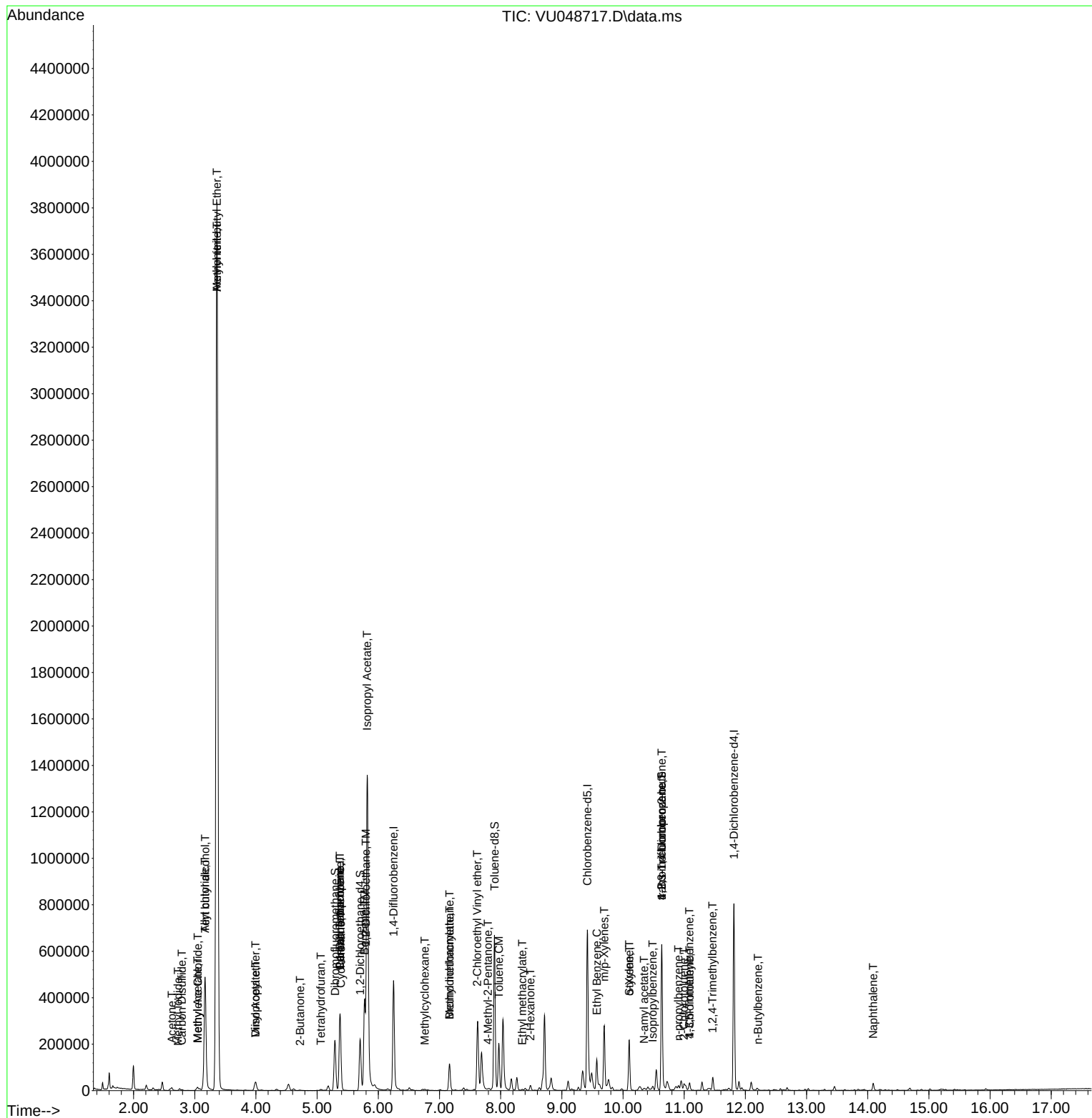
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.343	43	1424	2.660	ug/l #	82
76) 1,2,3-Trichloropropane	10.632	75	107597	15.557	ug/l #	48
78) n-propylbenzene	10.906	91	7826	0.474	ug/l	95
79) 2-Chlorotoluene	10.992	91	2794	0.272	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.086	105	15012	1.247	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.632	75	107597	56.487	ug/l #	13
82) 4-Chlorotoluene	11.089	91	2646	0.223	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.465	105	31276	3.539	ug/l	97
89) n-Butylbenzene	12.205	91	1494	2.300	ug/l #	70
95) Naphthalene	14.089	128	26011	3.995	ug/l	98

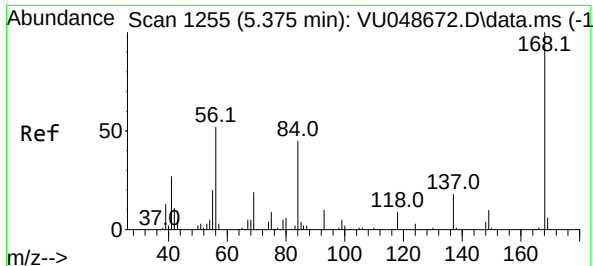
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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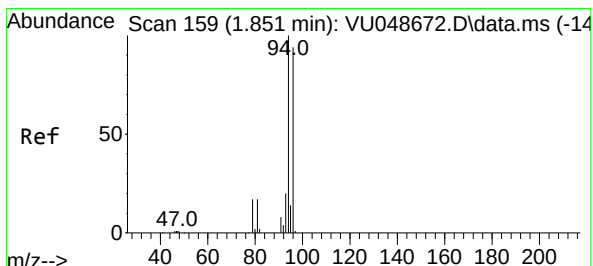
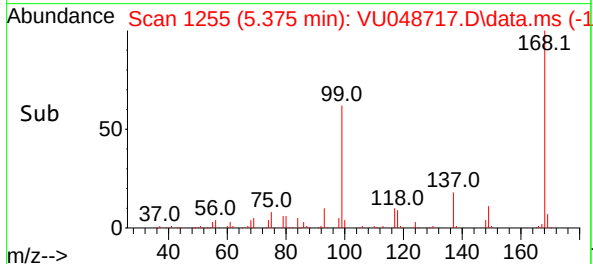
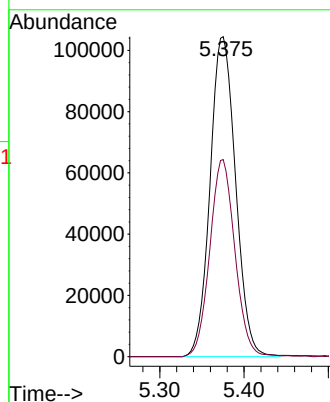
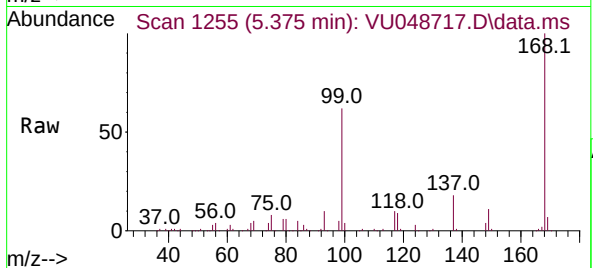




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

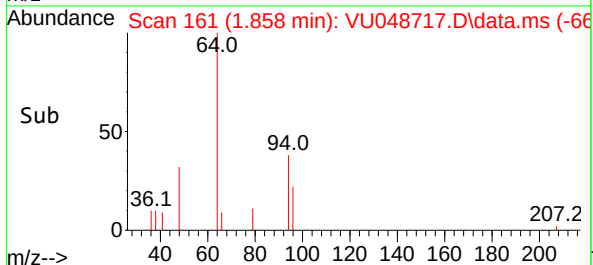
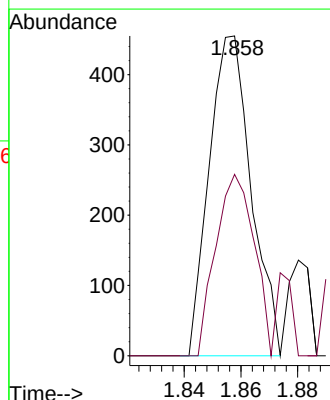
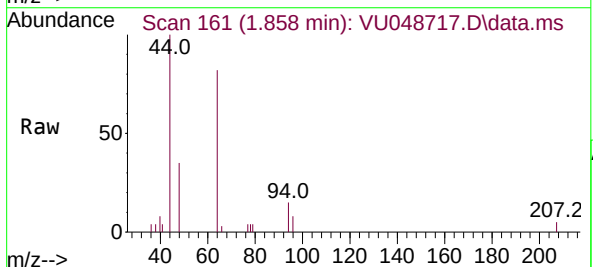
Instrument :
MSVOA_U
ClientSampleId :
TW-17

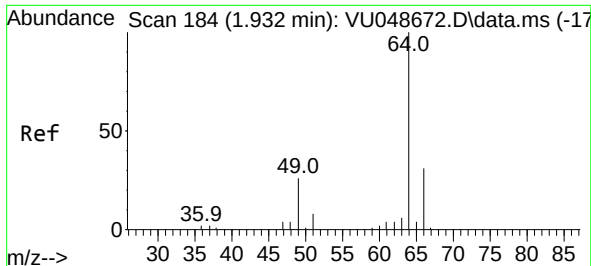
Tgt Ion:168 Resp: 219868
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. 0.007 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 56.7 75.1 112.7#

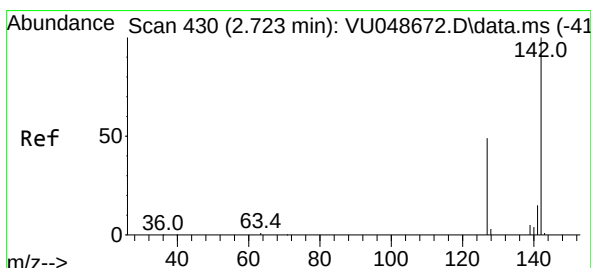
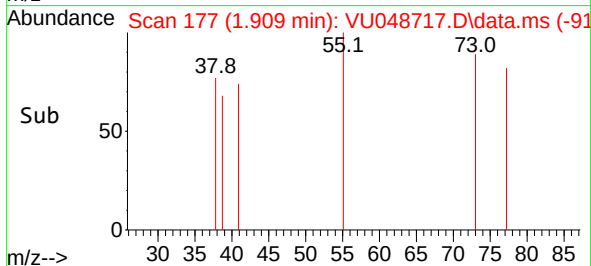
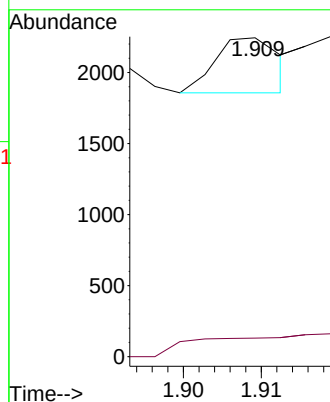
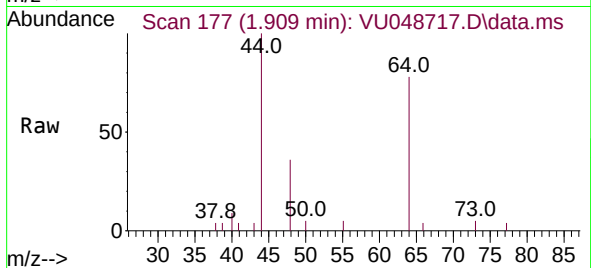




#6
Chloroethane
Concen: Below Cal
RT: 1.909 min Scan# 11
Delta R.T. -0.023 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

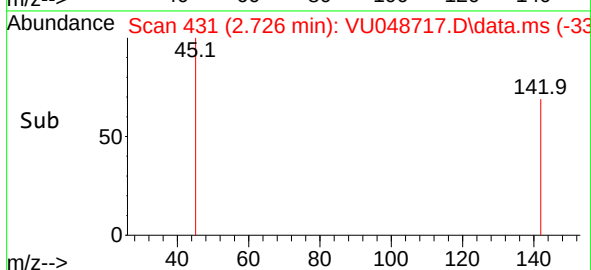
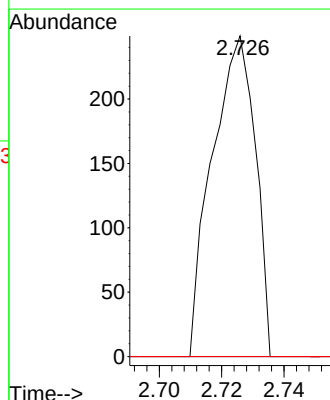
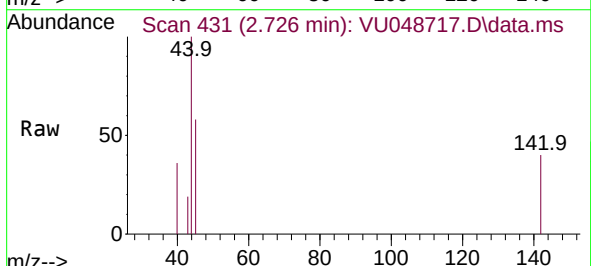
Instrument :
MSVOA_U
ClientSampleId :
TW-17

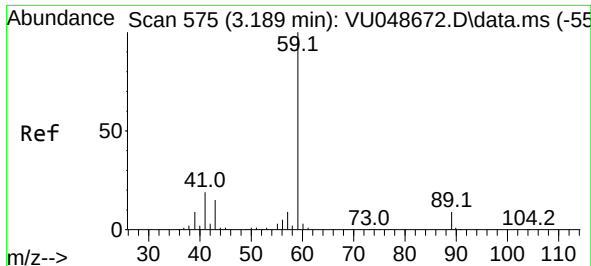
Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 6.5 25.2 37.8#



#10
Methyl Iodide
Concen: 3.069 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion:142 Resp: 239
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#

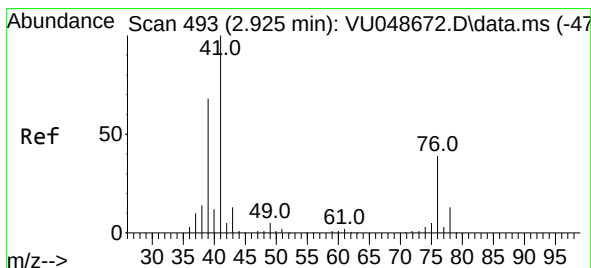
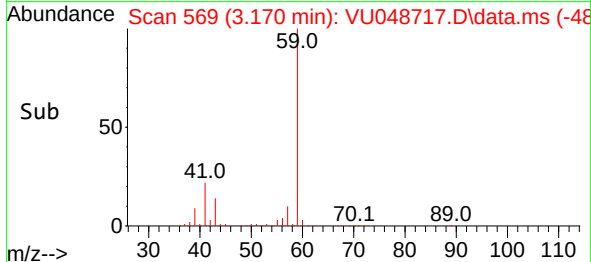
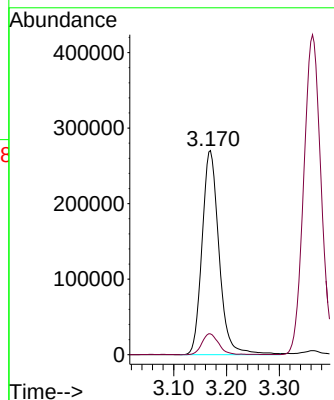
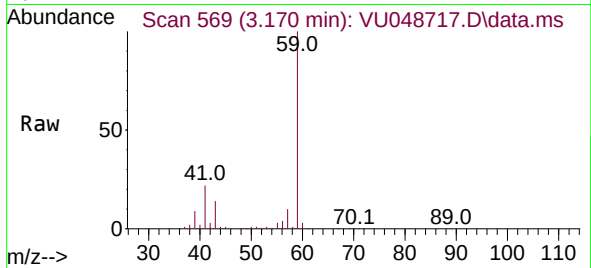




#11
Tert butyl alcohol
Concen: 721.688 ug/l
RT: 3.170 min Scan# 575
Delta R.T. -0.019 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

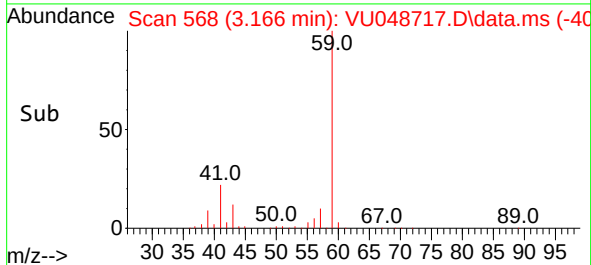
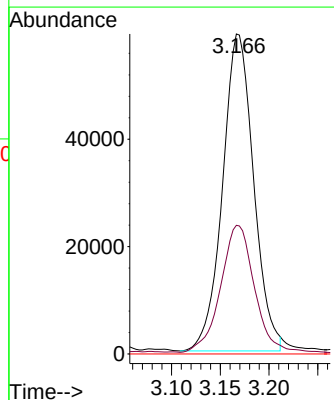
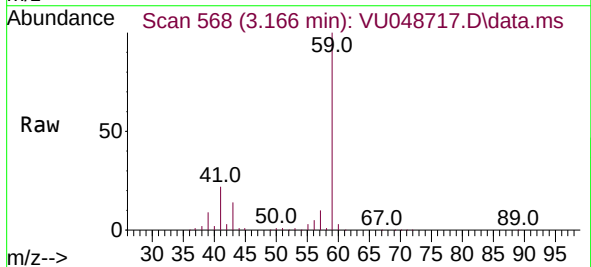
Instrument :
MSVOA_U
ClientSampleId :
TW-17

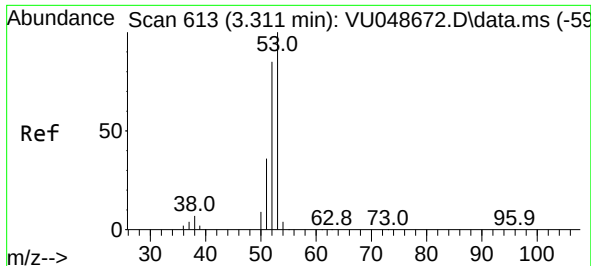
Tgt Ion: 59 Resp: 604160
Ion Ratio Lower Upper
59 100
57 10.0 39.7 59.5#



#14
Allyl chloride
Concen: 30.226 ug/l
RT: 3.166 min Scan# 568
Delta R.T. 0.241 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 41 Resp: 131010
Ion Ratio Lower Upper
41 100
39 42.6 48.6 72.8#
76 0.0 27.0 40.4#





#15

Acrylonitrile

Concen: 22.601 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.051 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

TW-17

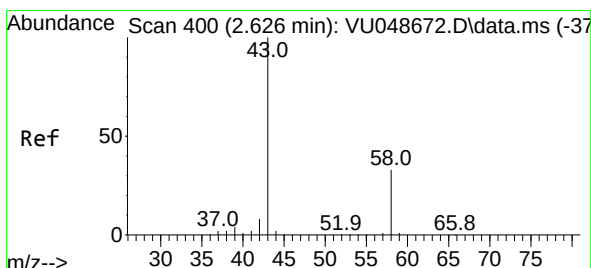
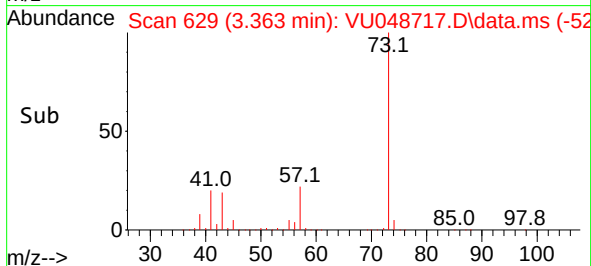
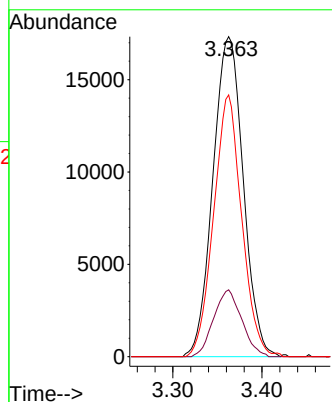
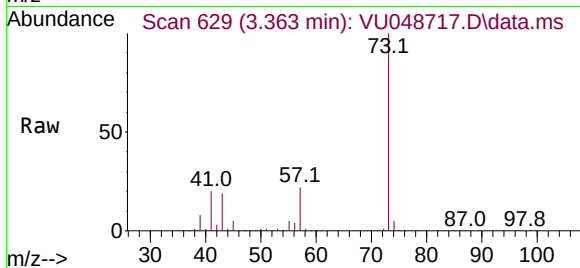
Tgt Ion: 53 Resp: 41035

Ion Ratio Lower Upper

53 100

52 19.3 66.3 99.5#

51 75.7 28.6 42.8#



#16

Acetone

Concen: 9.043 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU048717.D

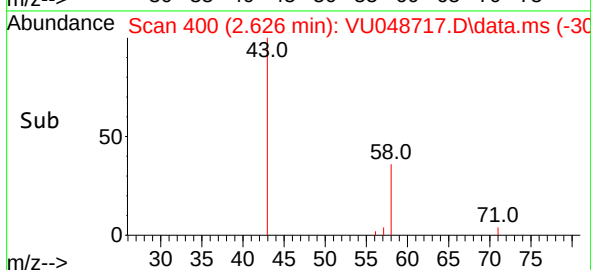
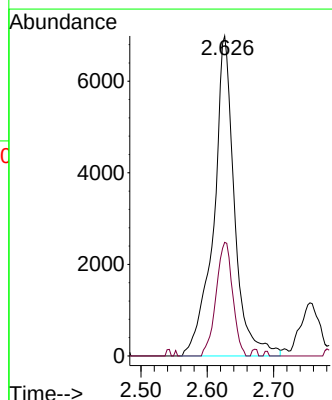
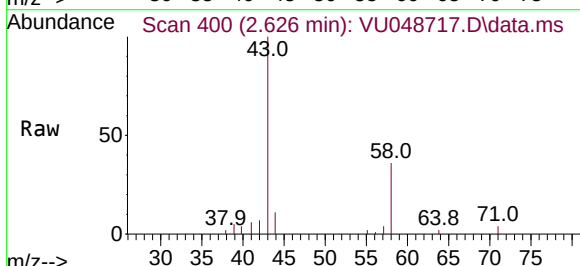
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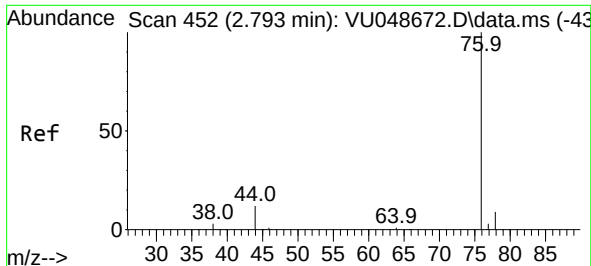
Tgt Ion: 43 Resp: 15218

Ion Ratio Lower Upper

43 100

58 35.5 26.3 39.5

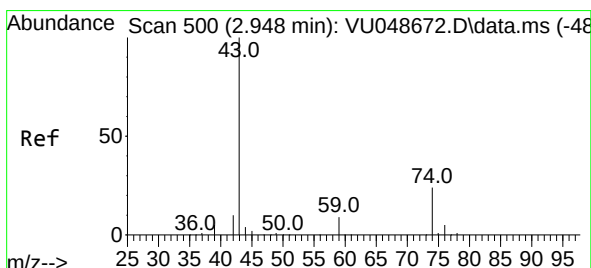
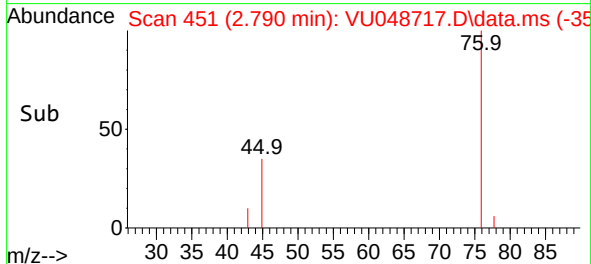
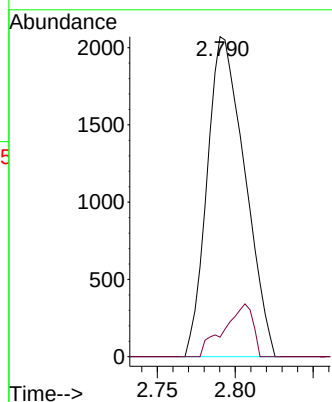
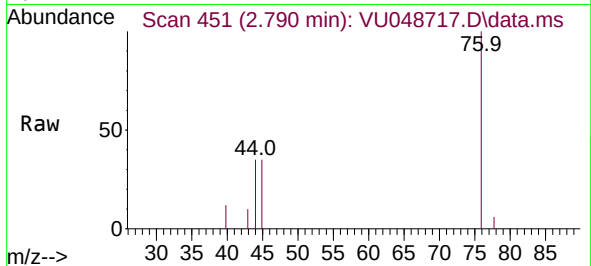




#17
Carbon Disulfide
Concen: 0.533 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

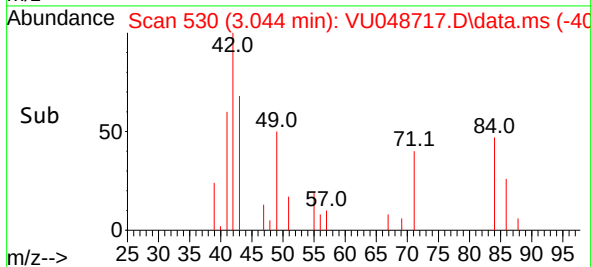
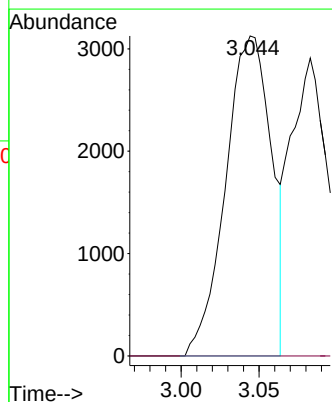
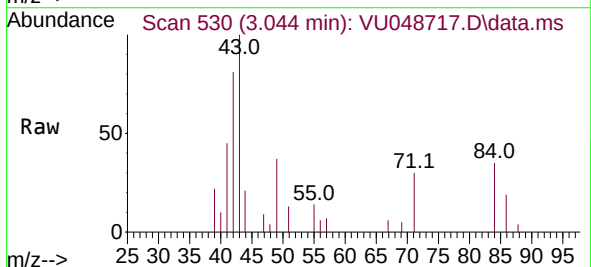
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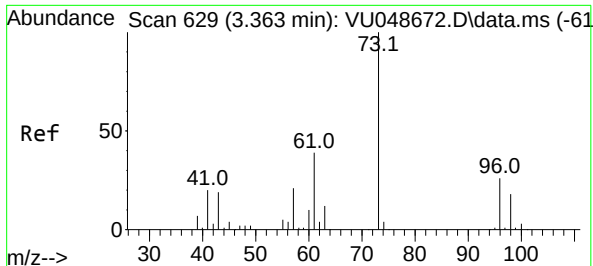
Tgt Ion: 76 Resp: 3479
Ion Ratio Lower Upper
76 100
78 6.1 7.3 10.9#



#18
Methyl Acetate
Concen: 1.514 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.096 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 43 Resp: 6395
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 510.341 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

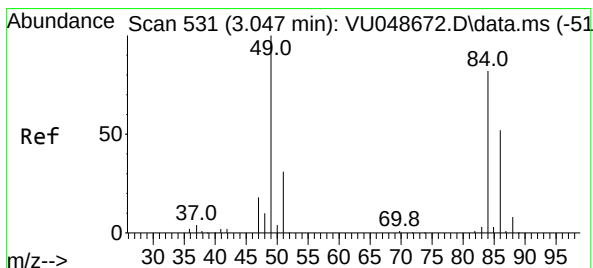
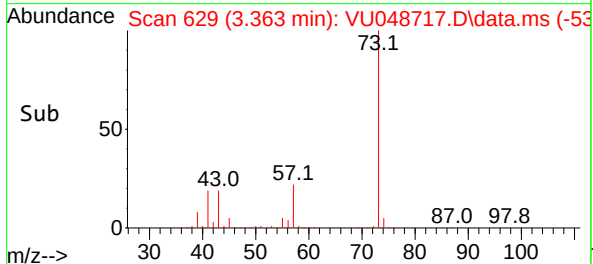
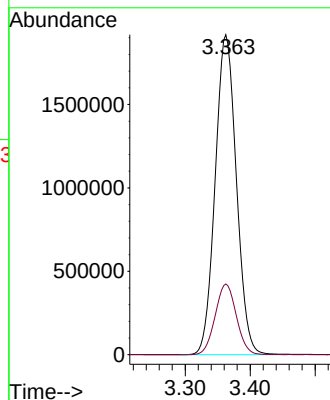
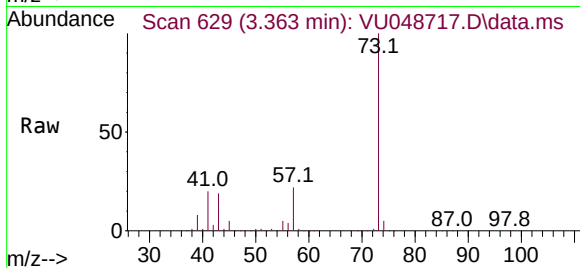
TW-17

Tgt Ion: 73 Resp: 4333314

Ion Ratio Lower Upper

73 100

57 22.1 17.1 25.7



#20

Methylene Chloride

Concen: 0.711 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Tgt Ion: 84 Resp: 2034

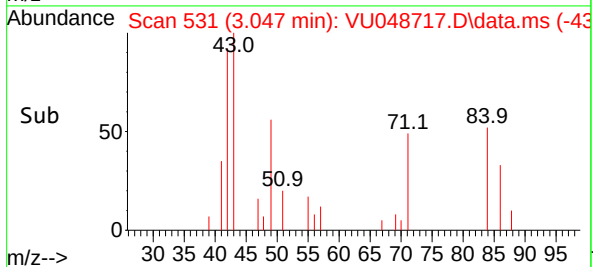
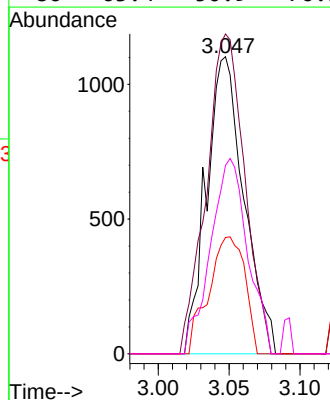
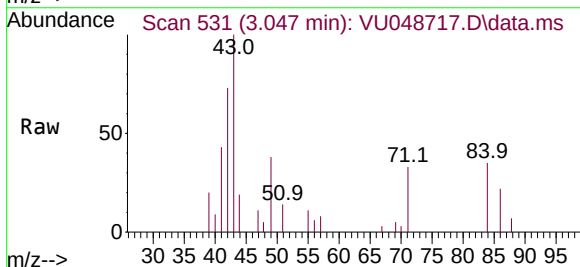
Ion Ratio Lower Upper

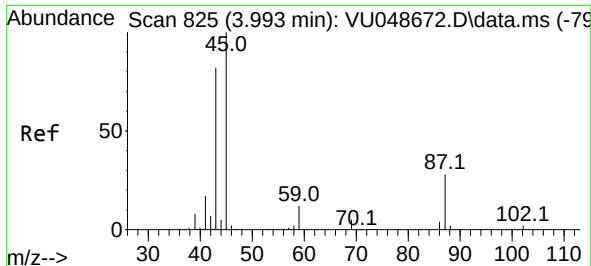
84 100

49 107.6 97.0 145.4

51 39.2 29.8 44.8

86 63.4 50.9 76.3

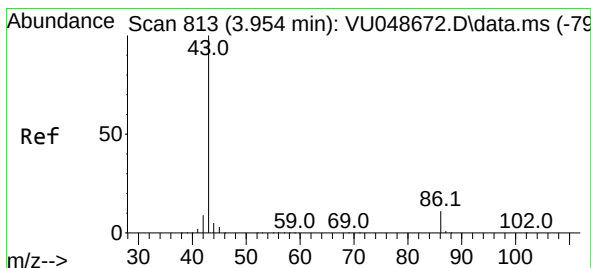
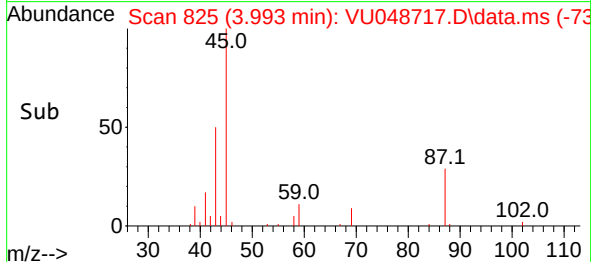
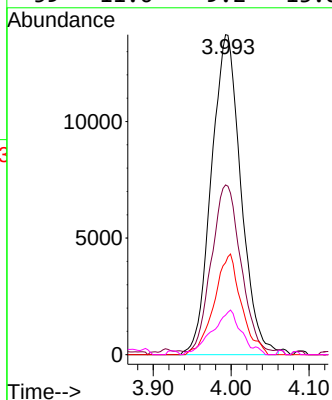
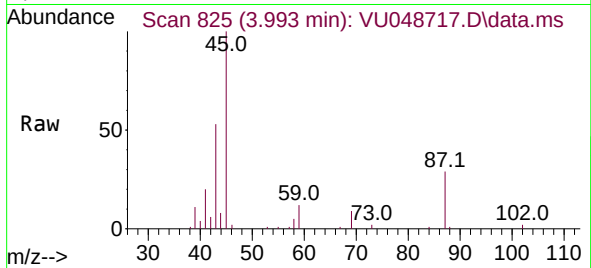




#22
Diisopropyl ether
Concen: 4.514 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

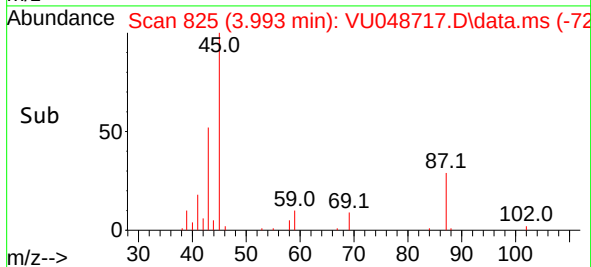
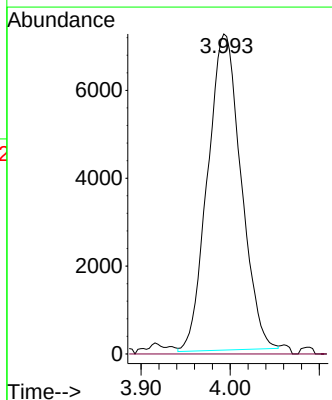
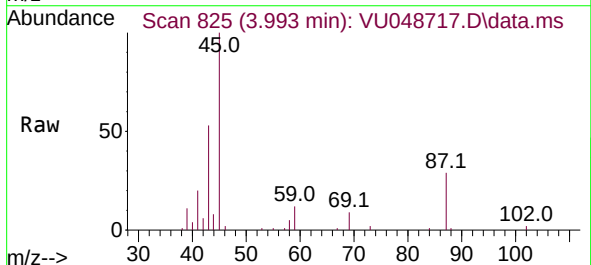
Instrument :
MSVOA_U
ClientSampleId :
TW-17

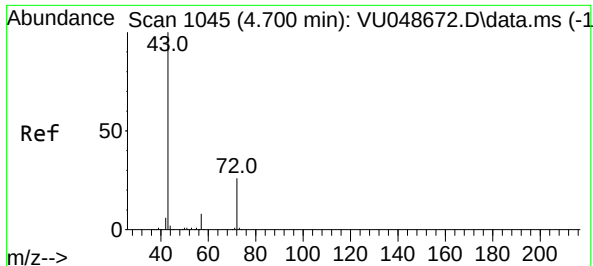
Tgt Ion:	45	Resp:	36091
Ion	Ratio	Lower	Upper
45	100		
43	51.9	65.2	97.8#
87	28.7	22.7	34.1
59	11.6	9.2	13.8



#23
Vinyl Acetate
Concen: 2.709 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.039 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion:	43	Resp:	18764
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.4	12.6#

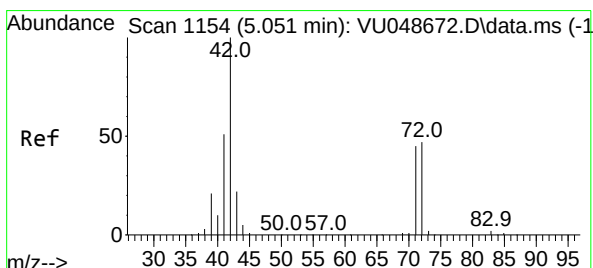
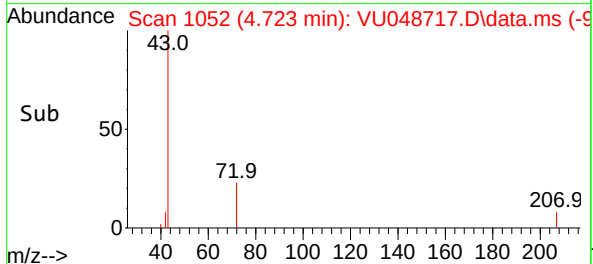
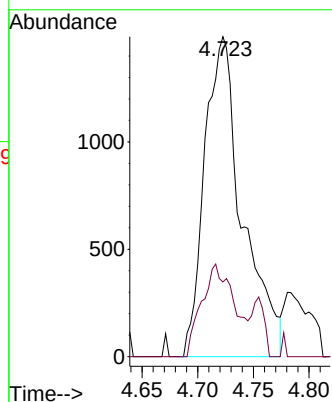
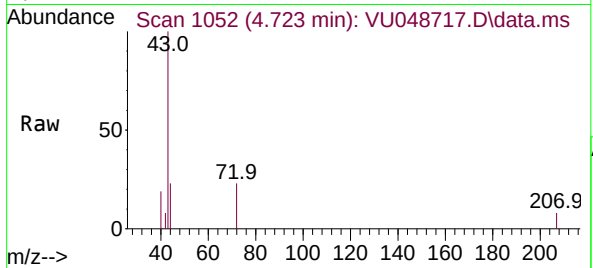




#25
2-Butanone
Concen: 1.454 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.023 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

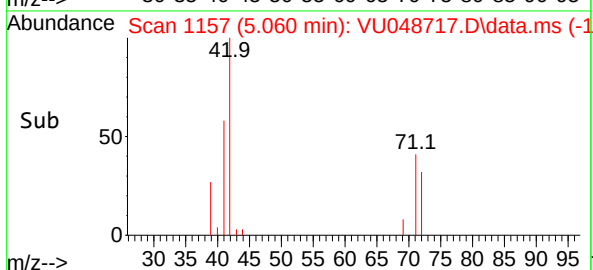
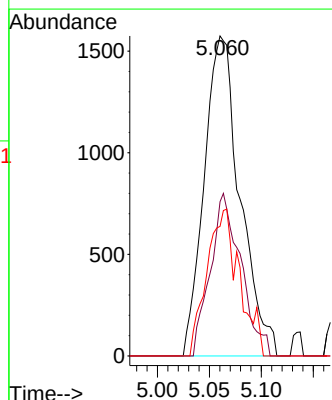
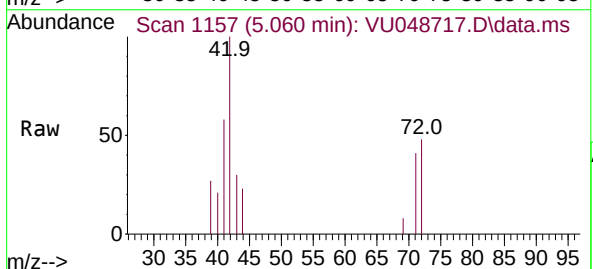
Instrument :
MSVOA_U
ClientSampleId :
TW-17

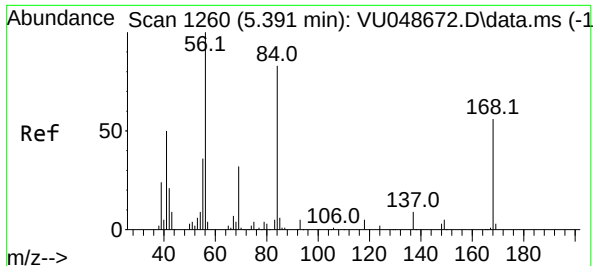
Tgt Ion: 43 Resp: 3515
Ion Ratio Lower Upper
43 100
72 23.4 21.1 31.7



#29
Tetrahydrofuran
Concen: 2.484 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 42 Resp: 3782
Ion Ratio Lower Upper
42 100
72 43.3 37.6 56.4
71 41.6 35.0 52.4





#31

Cyclohexane

Concen: 2.972 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

TW-17

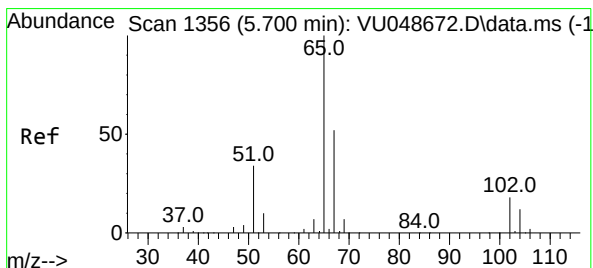
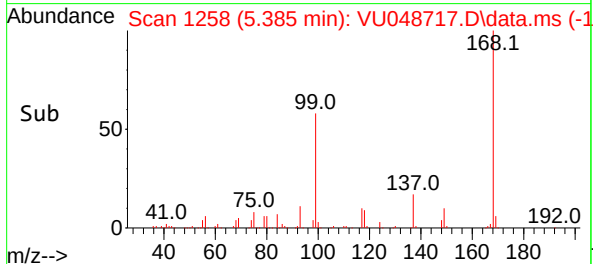
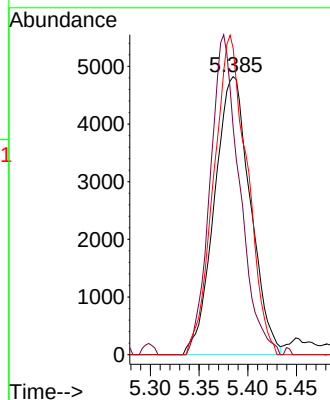
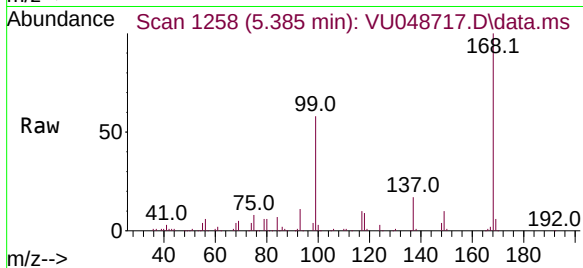
Tgt Ion: 56 Resp: 12368

Ion Ratio Lower Upper

56 100

69 81.7 25.6 38.4#

84 110.1 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 50.661 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048717.D

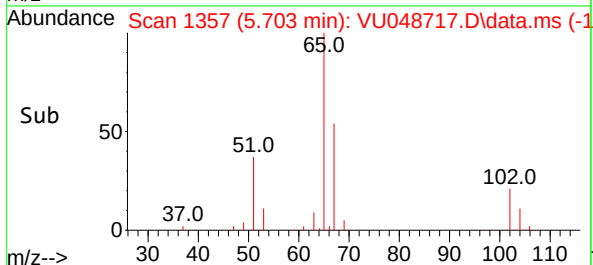
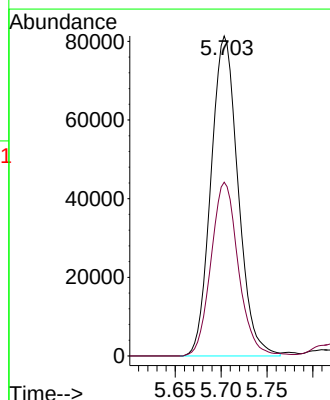
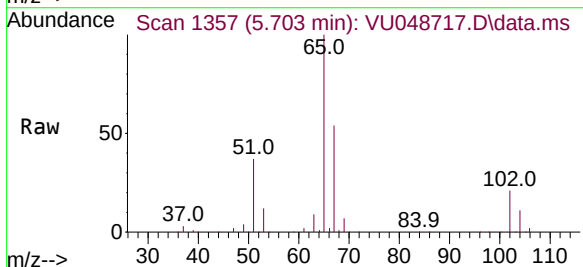
Acq: 28 May 2022 01:37

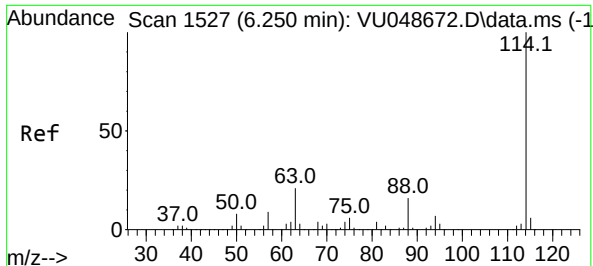
Tgt Ion: 65 Resp: 167282

Ion Ratio Lower Upper

65 100

67 54.9 0.0 103.0

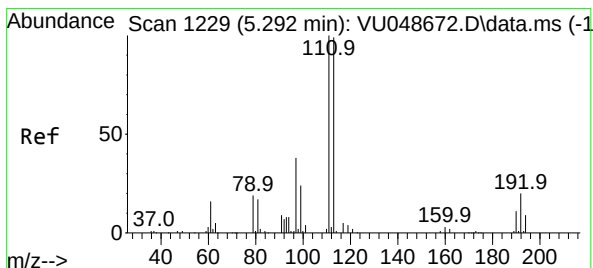
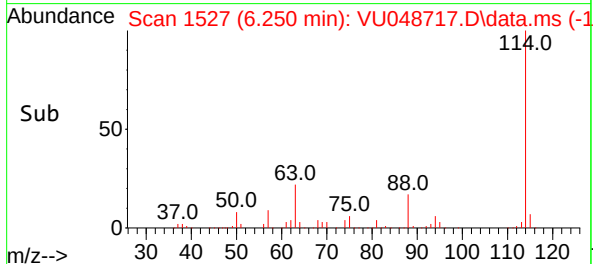
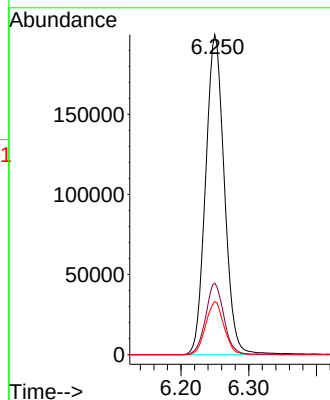
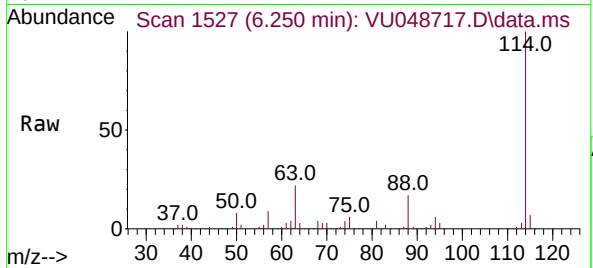




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

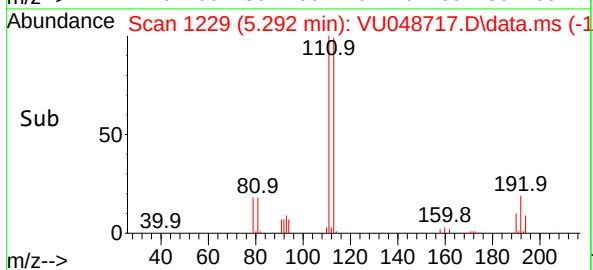
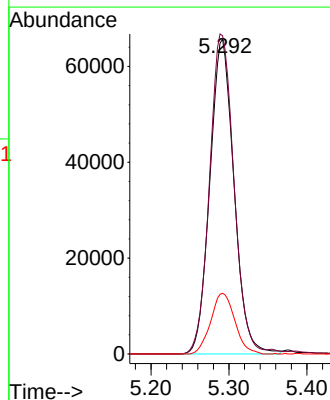
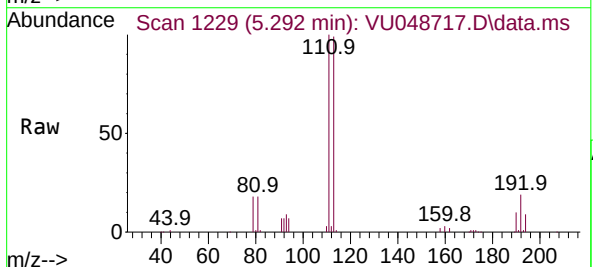
Instrument :
MSVOA_U
ClientSampleId :
TW-17

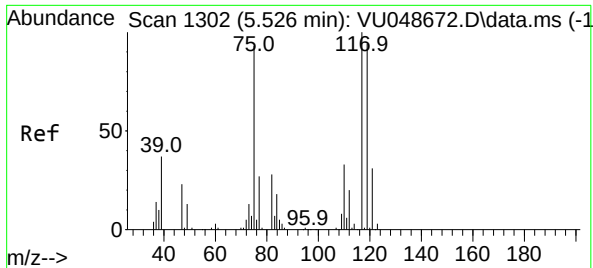
Tgt Ion:114 Resp: 383057
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.6
88 16.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 51.675 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion:113 Resp: 141217
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.388 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

TW-17

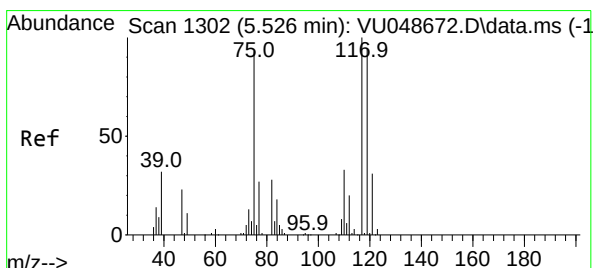
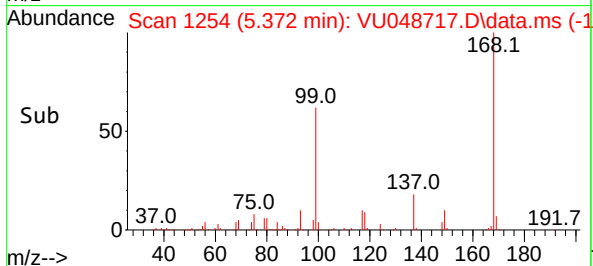
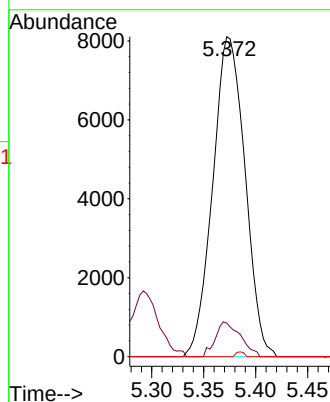
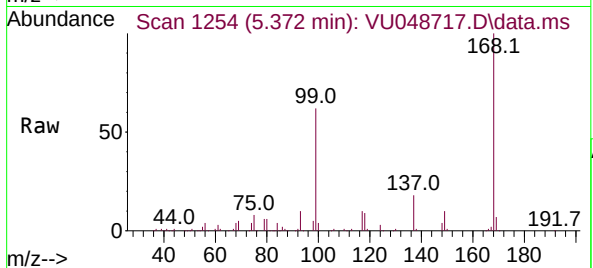
Tgt Ion: 75 Resp: 17502

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 4.987 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

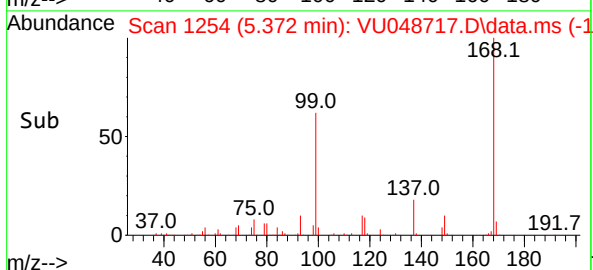
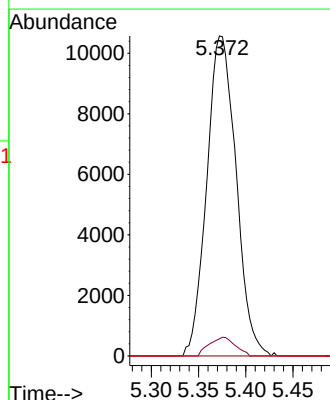
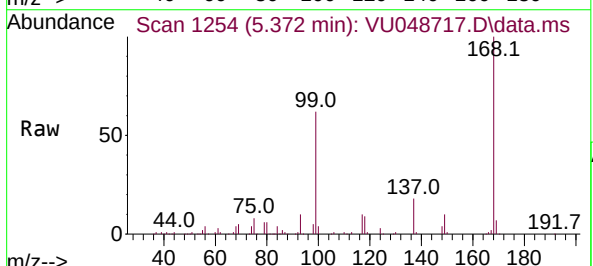
Tgt Ion: 117 Resp: 22820

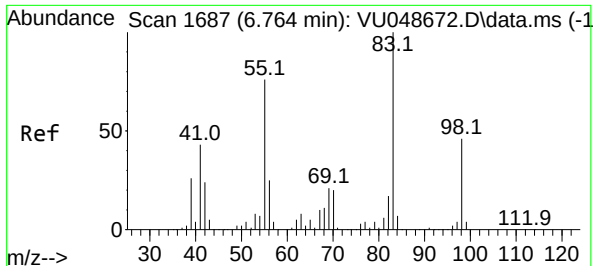
Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.2#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.374 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

TW-17

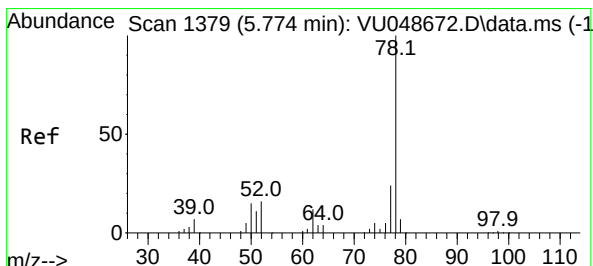
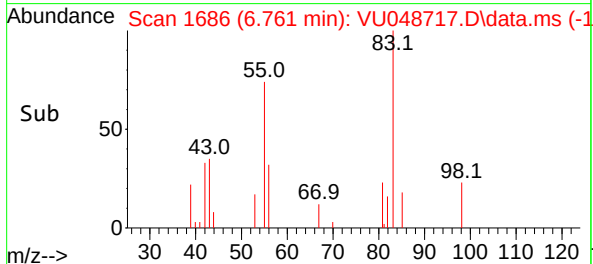
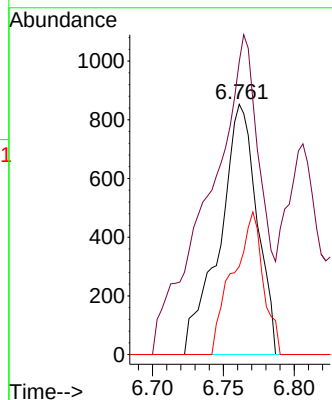
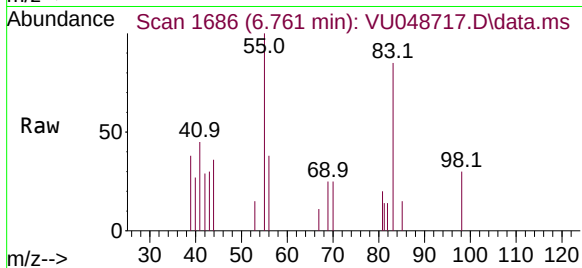
Tgt Ion: 83 Resp: 1564

Ion Ratio Lower Upper

83 100

55 88.0 61.0 91.6

98 35.2 36.8 55.2#



#40

Benzene

Concen: 31.295 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048717.D

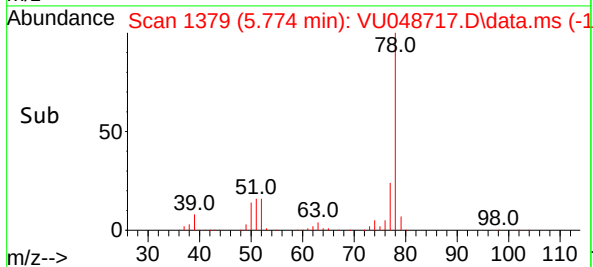
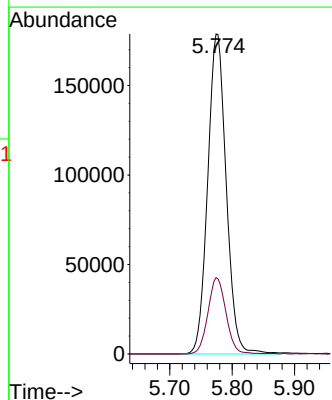
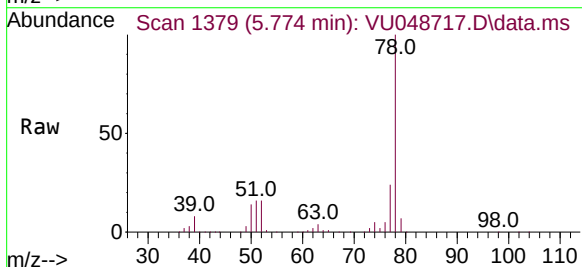
Acq: 28 May 2022 01:37

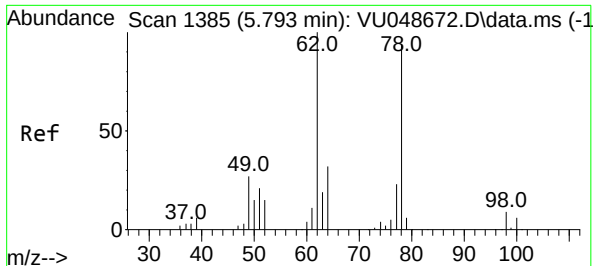
Tgt Ion: 78 Resp: 368509

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6





#42

1,2-Dichloroethane

Concen: 4.725 ug/l

RT: 5.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

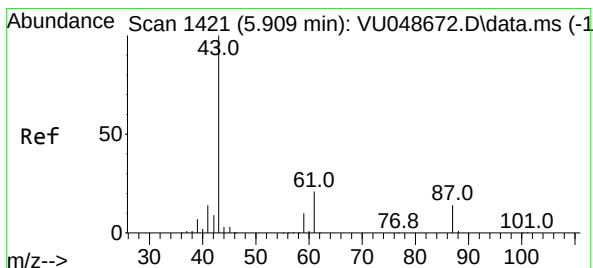
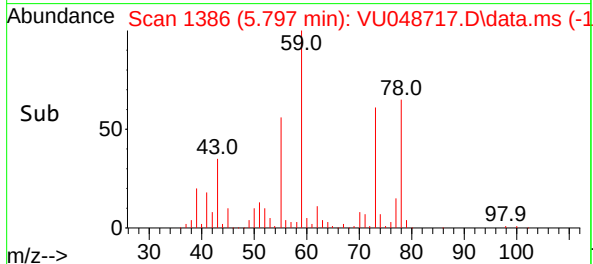
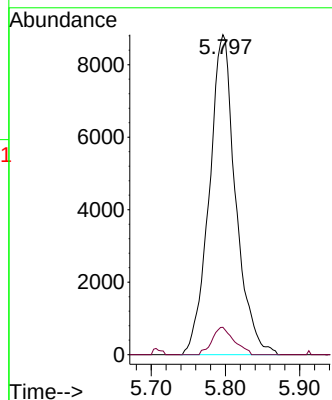
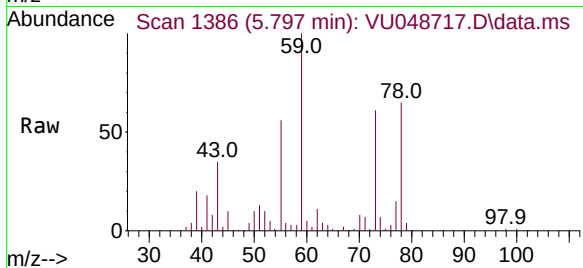
TW-17

Tgt Ion: 62 Resp: 21778

Ion Ratio Lower Upper

62 100

98 7.1 0.0 17.0



#43

Isopropyl Acetate

Concen: 39.475 ug/l

RT: 5.819 min Scan# 1393

Delta R.T. -0.090 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

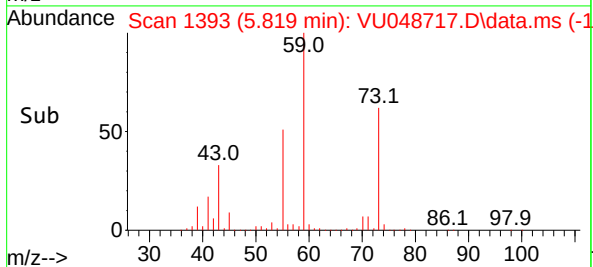
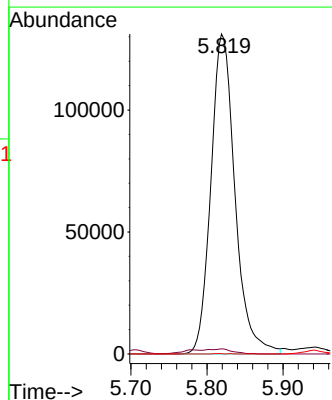
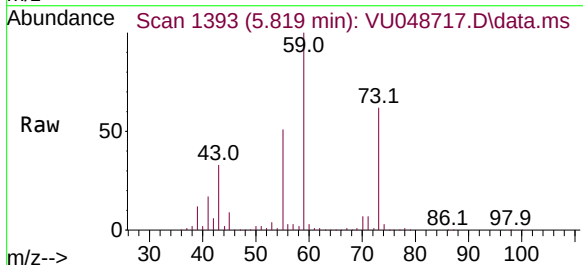
Tgt Ion: 43 Resp: 288892

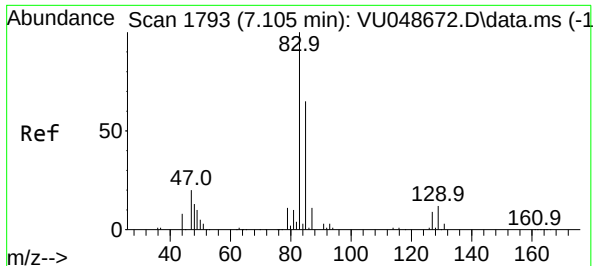
Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

87 0.0 10.9 16.3#





#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 7.163 min Scan# 1811

Delta R.T. 0.058 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

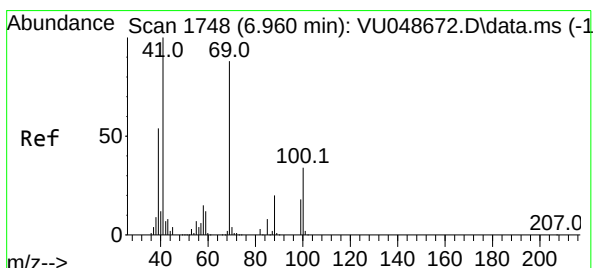
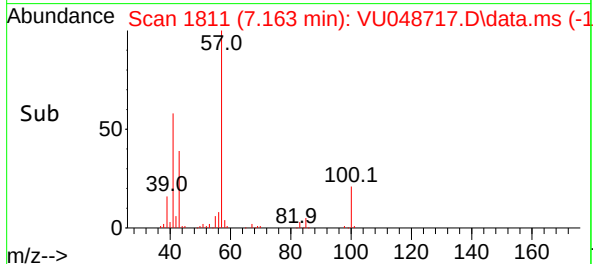
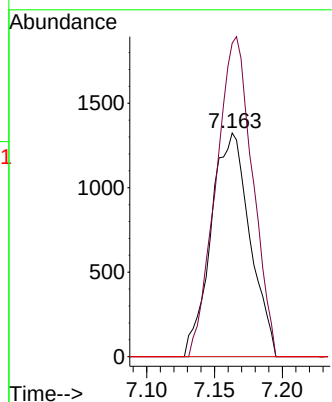
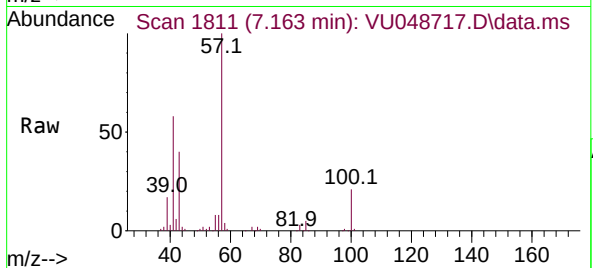
Instrument :

MSVOA_U

ClientSampleId :

TW-17

Tgt Ion: 83	Resp: 2640
Ion Ratio	Lower Upper
83	100
85	140.2 52.1 78.1#
127	0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 13.259 ug/l

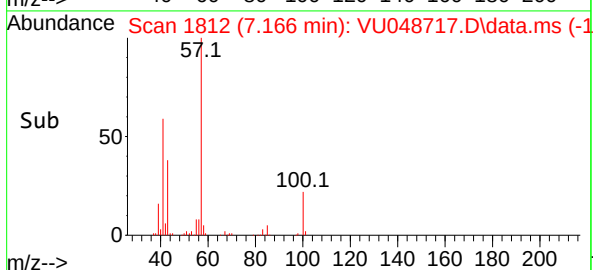
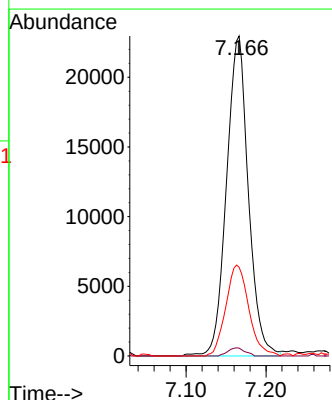
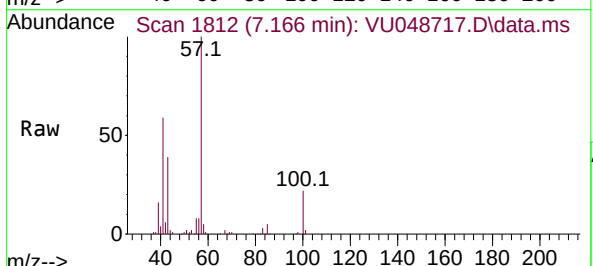
RT: 7.166 min Scan# 1812

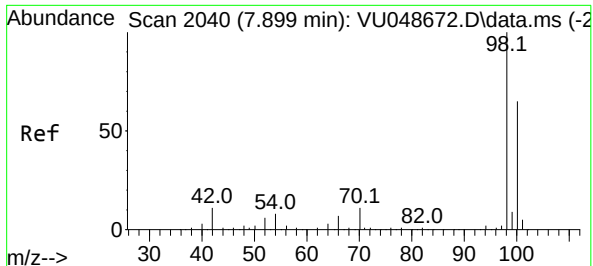
Delta R.T. 0.206 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Tgt Ion: 41	Resp: 43560
Ion Ratio	Lower Upper
41	100
69	2.0 70.7 106.1#
39	29.9 43.4 65.2#





#50

Toluene-d8

Concen: 46.010 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

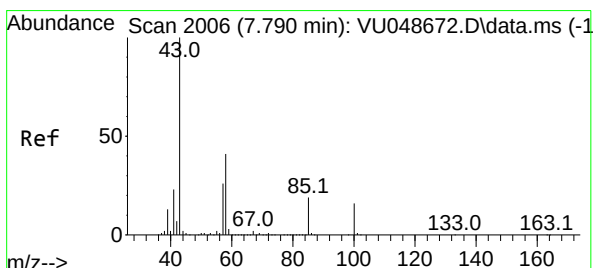
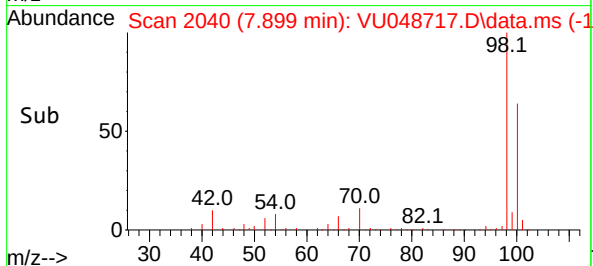
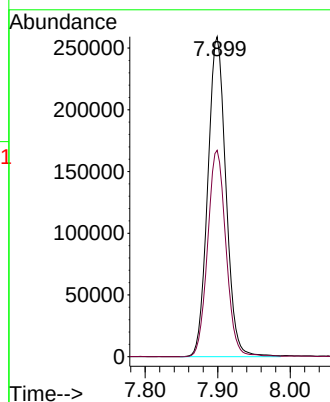
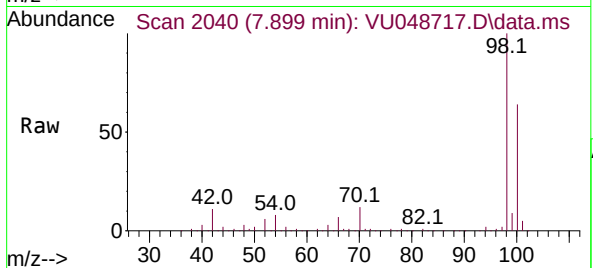
TW-17

Tgt Ion: 98 Resp: 450719

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.740 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU048717.D

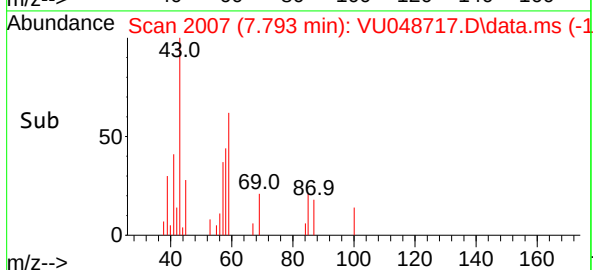
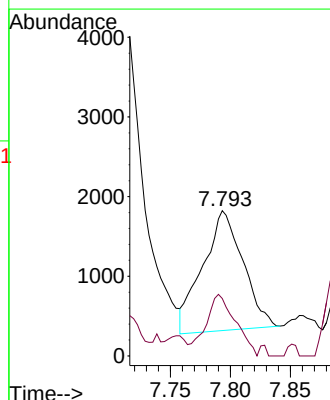
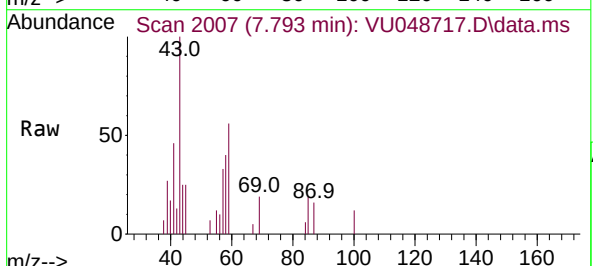
Acq: 28 May 2022 01:37

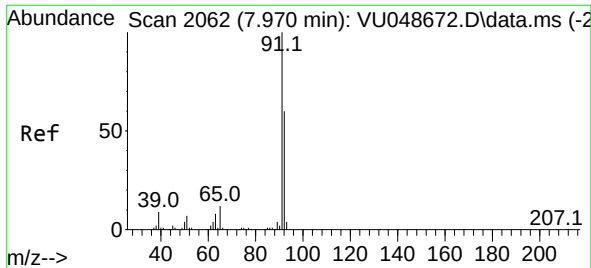
Tgt Ion: 43 Resp: 3517

Ion Ratio Lower Upper

43 100

58 38.1 32.7 49.1

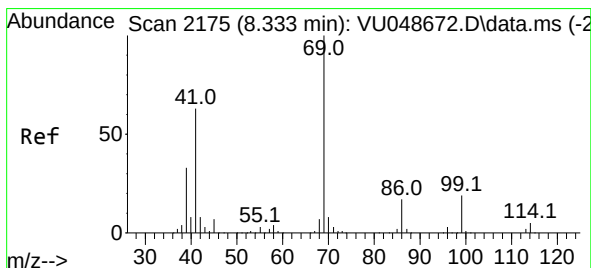
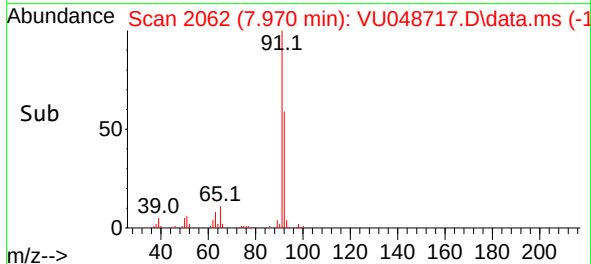
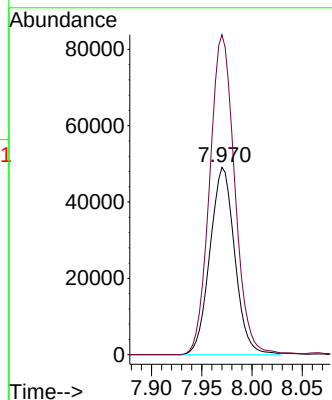
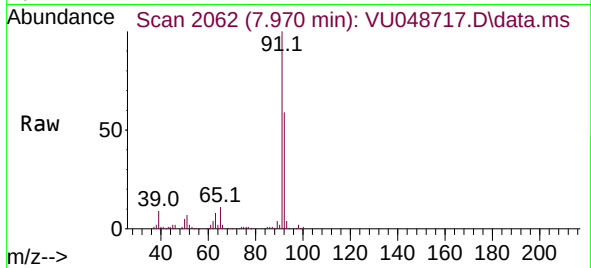




#52
Toluene
Concen: 11.979 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

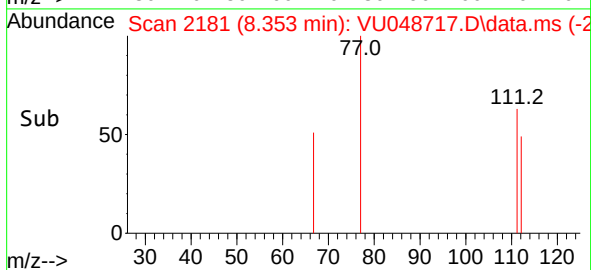
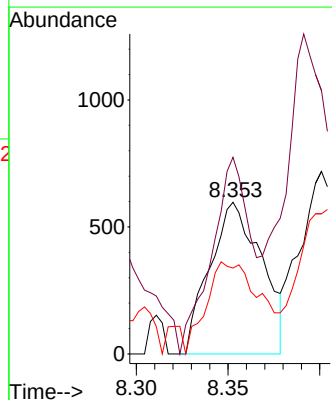
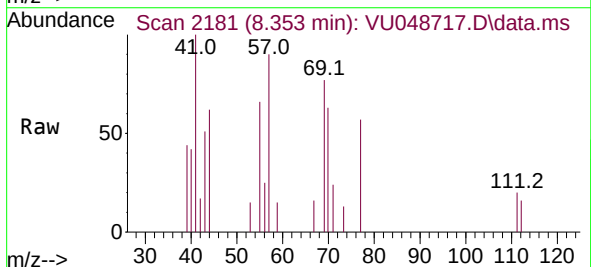
Instrument :
MSVOA_U
ClientSampleId :
TW-17

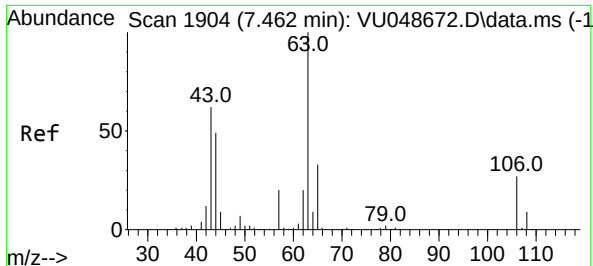
Tgt Ion: 92 Resp: 84373
Ion Ratio Lower Upper
92 100
91 173.0 135.0 202.4



#56
Ethyl methacrylate
Concen: 2.840 ug/l
RT: 8.353 min Scan# 2181
Delta R.T. 0.020 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 69 Resp: 1177
Ion Ratio Lower Upper
69 100
41 93.6 50.6 76.0#
39 60.7 26.6 40.0#

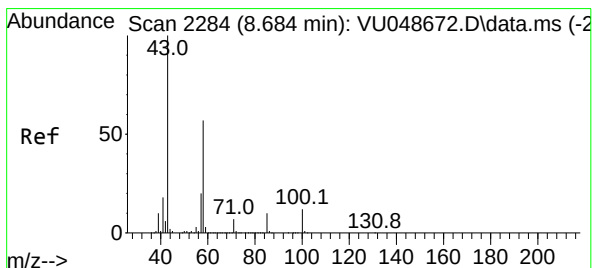
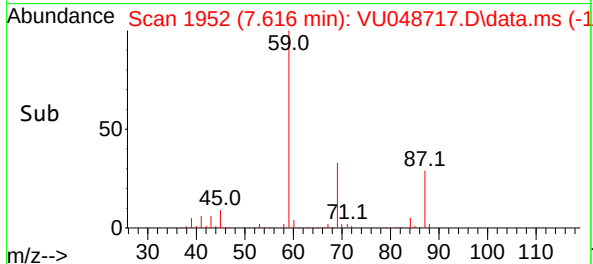
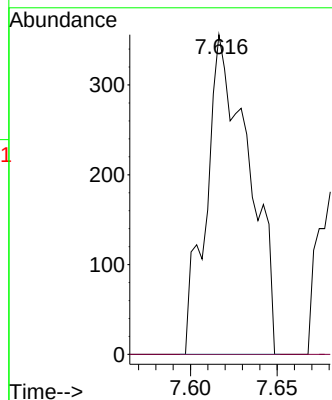
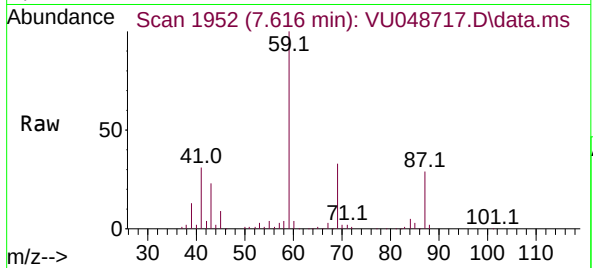




#58
2-Chloroethyl Vinyl ether
Concen: 30.240 ug/l
RT: 7.616 min Scan# 1904
Delta R.T. 0.154 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

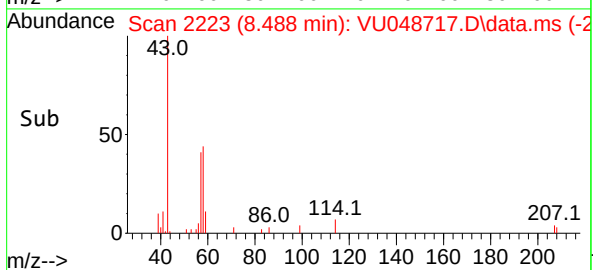
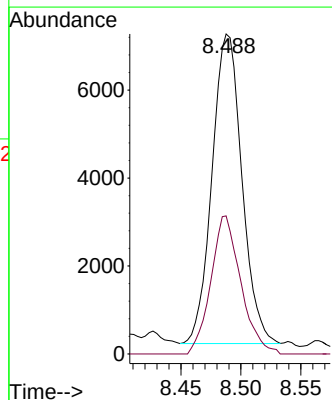
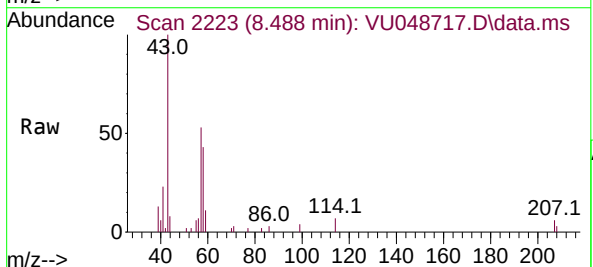
Instrument :
MSVOA_U
ClientSampleId :
TW-17

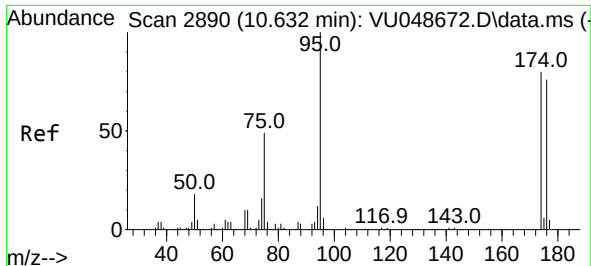
Tgt Ion: 63 Resp: 608
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 3.127 ug/l
RT: 8.488 min Scan# 2223
Delta R.T. -0.196 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 43 Resp: 12200
Ion Ratio Lower Upper
43 100
58 44.6 28.2 84.6

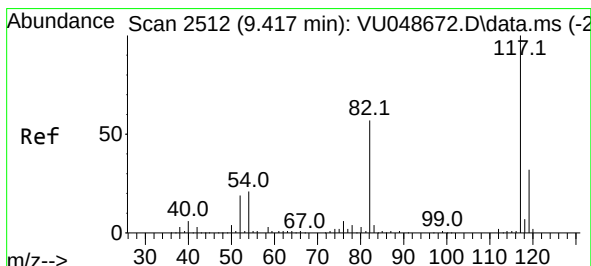
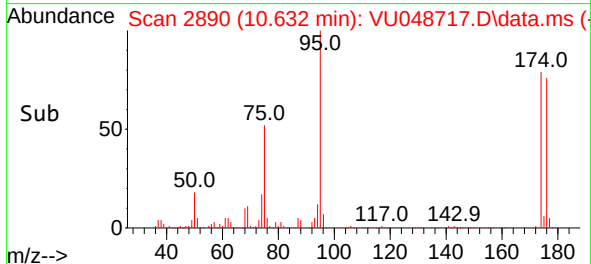
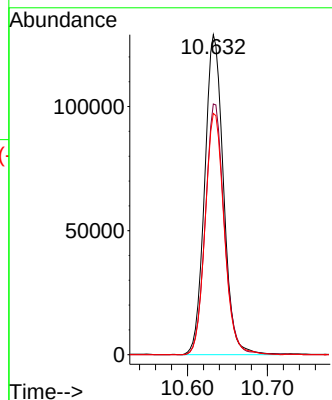
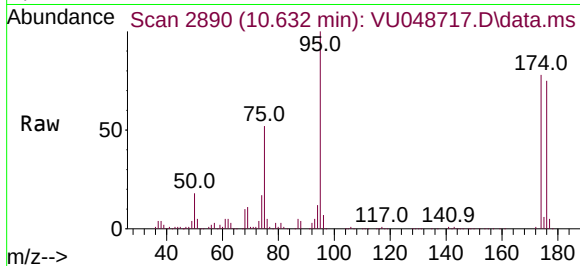




#62
4-Bromofluorobenzene
Concen: 56.836 ug/l
RT: 10.632 min Scan# 210568
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

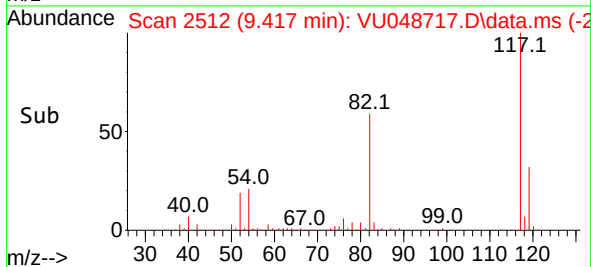
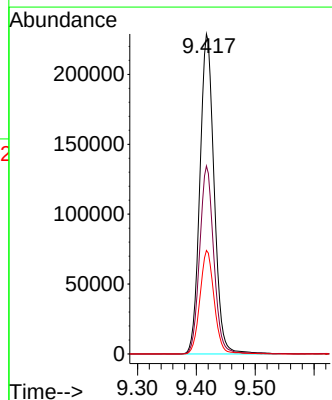
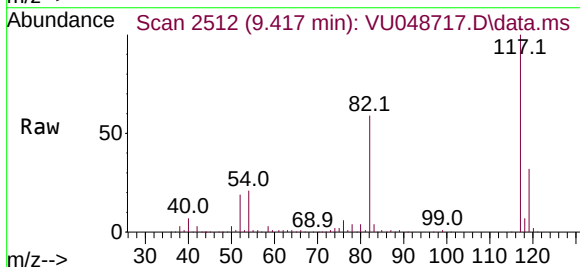
Instrument :
MSVOA_U
ClientSampleId :
TW-17

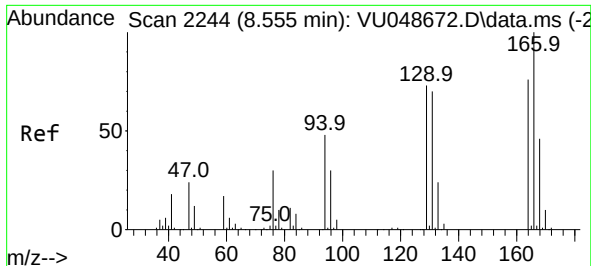
Tgt Ion: 95 Resp: 210568
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.4
176 76.7 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 117 Resp: 384788
Ion Ratio Lower Upper
117 100
82 58.8 45.3 67.9
119 32.4 25.4 38.2

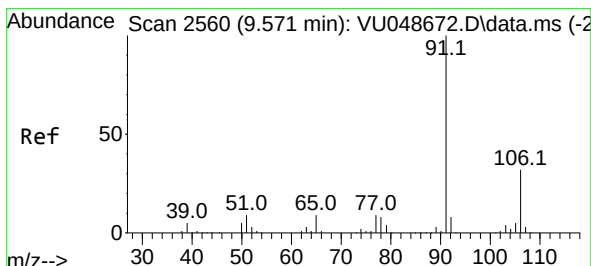
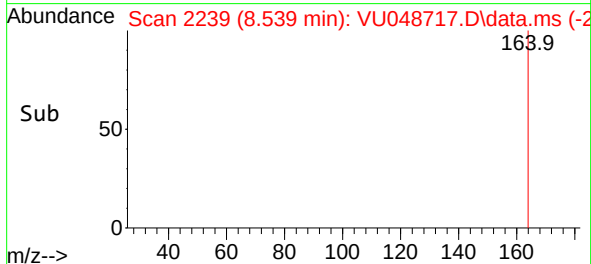
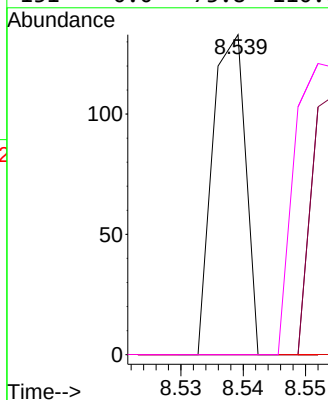
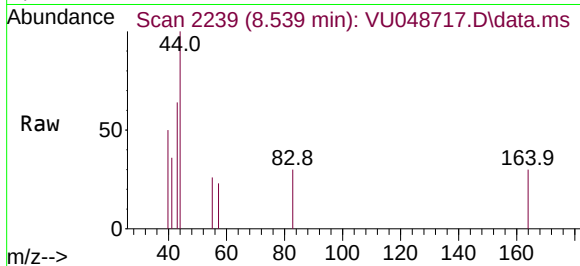




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.539 min Scan# 21
Delta R.T. -0.016 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

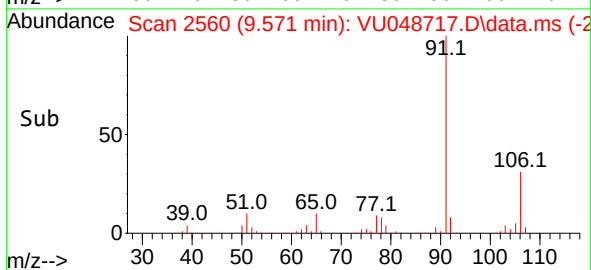
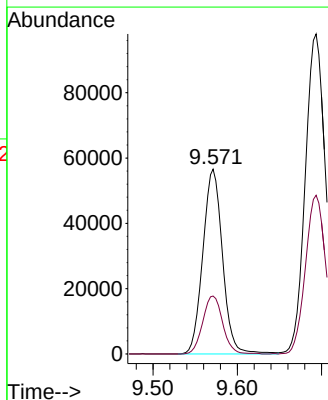
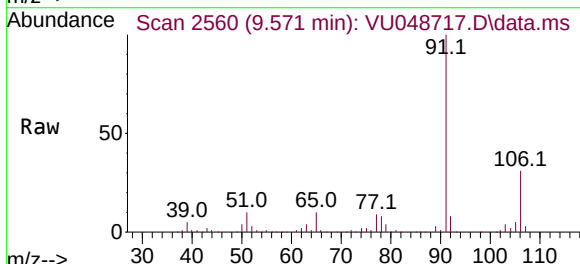
Instrument :
MSVOA_U
ClientSampleId :
TW-17

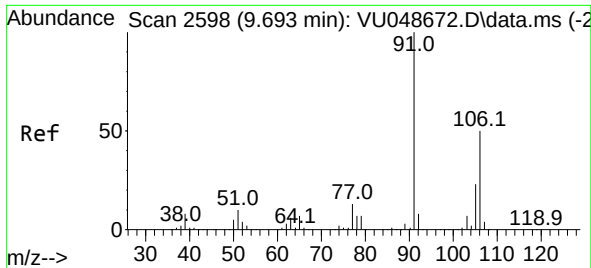
Tgt Ion:164 Resp: 49
Ion Ratio Lower Upper
164 100
166 0.0 105.0 157.4#
129 0.0 76.5 114.7#
131 0.0 73.8 110.6#



#67
Ethyl Benzene
Concen: 6.718 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 91 Resp: 92208
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

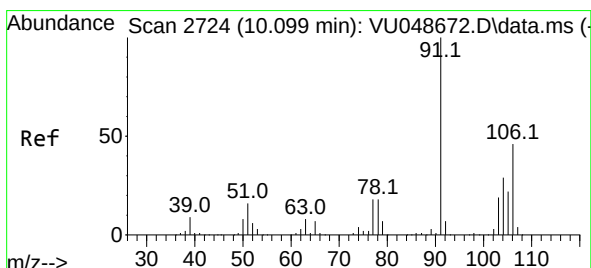
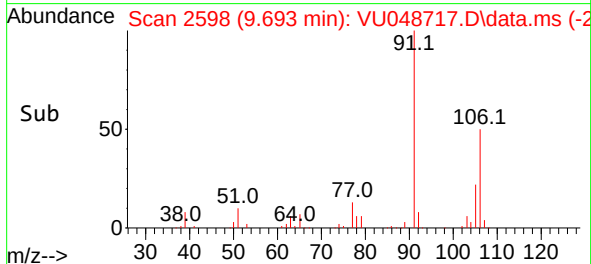
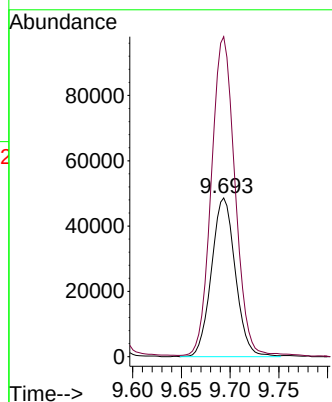
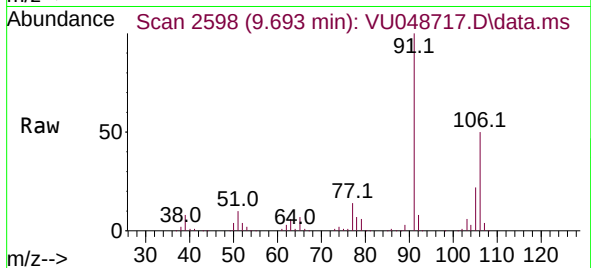




#68
m/p-Xylenes
Concen: 15.446 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

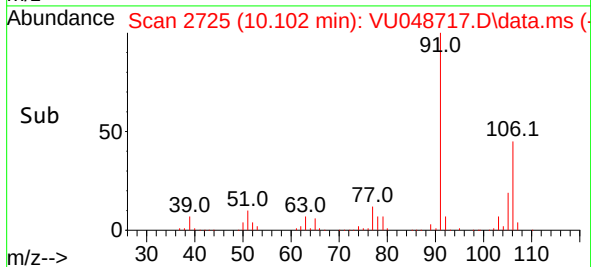
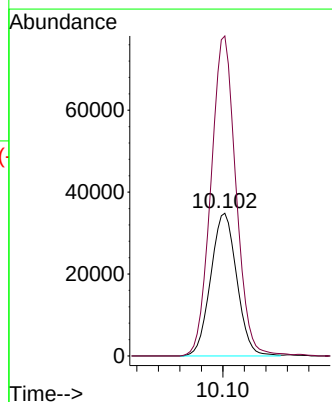
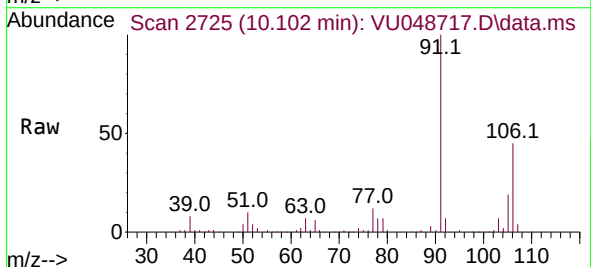
Instrument :
MSVOA_U
ClientSampleId :
TW-17

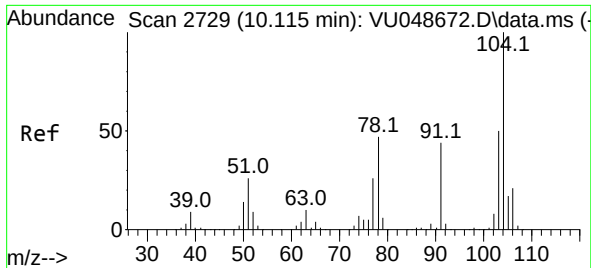
Tgt Ion:106 Resp: 82922
Ion Ratio Lower Upper
106 100
91 200.4 162.4 243.6



#69
o-Xylene
Concen: 11.119 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion:106 Resp: 58643
Ion Ratio Lower Upper
106 100
91 215.5 107.7 323.3





#70

Styrene

Concen: 0.361 ug/l

RT: 10.102 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

TW-17

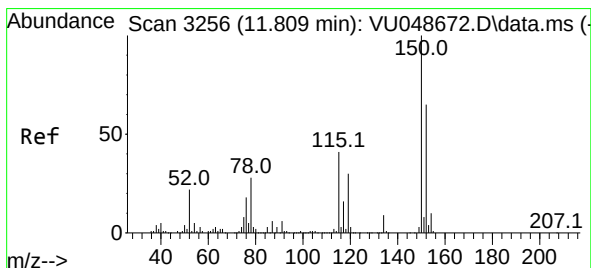
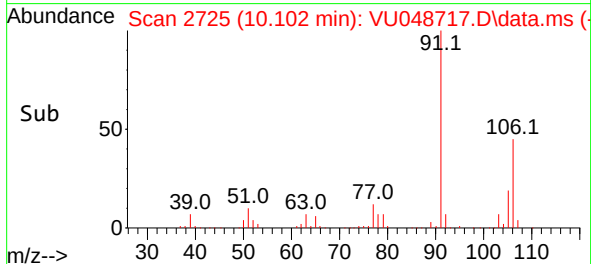
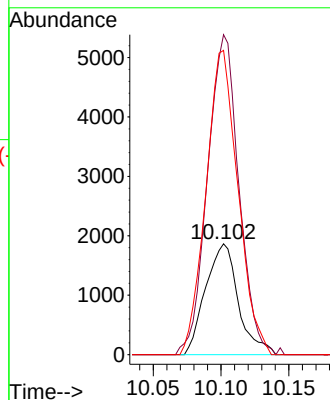
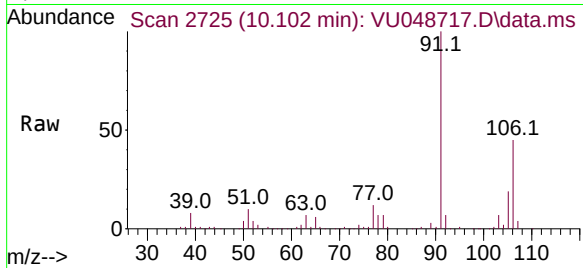
Tgt Ion:104 Resp: 3135

Ion Ratio Lower Upper

104 100

78 277.1 41.2 61.8#

103 268.7 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

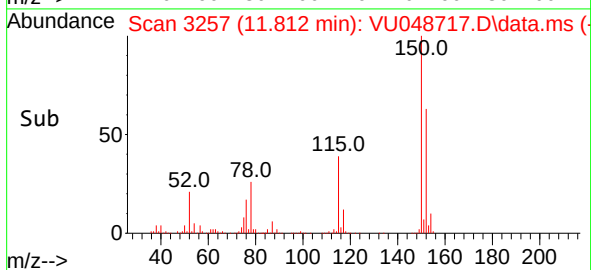
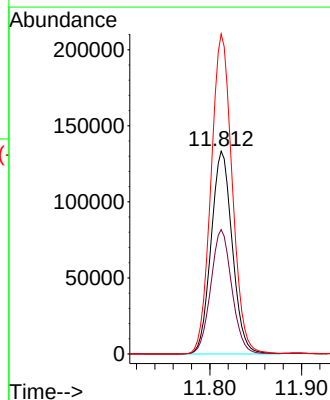
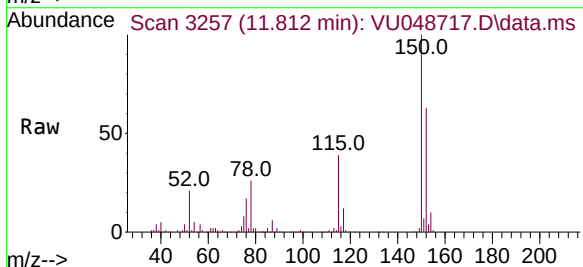
Tgt Ion:152 Resp: 214503

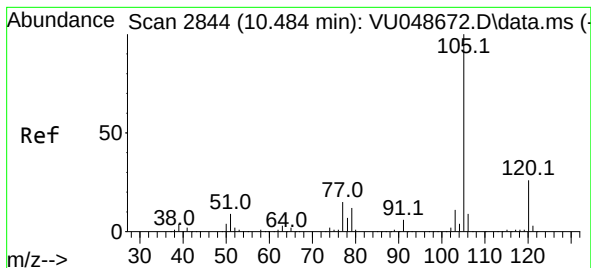
Ion Ratio Lower Upper

152 100

115 61.1 41.8 125.4

150 157.6 0.0 341.0





#73

Isopropylbenzene

Concen: 0.364 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Instrument :

MSVOA_U

ClientSampleId :

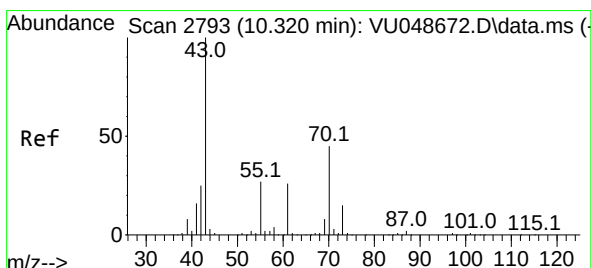
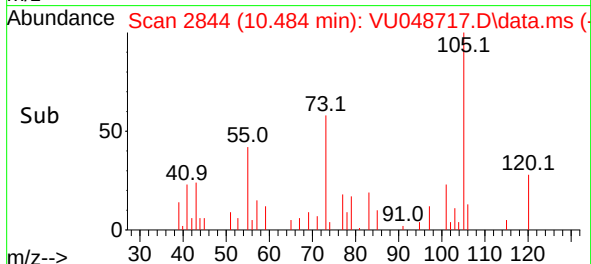
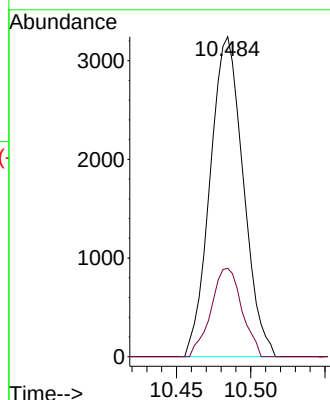
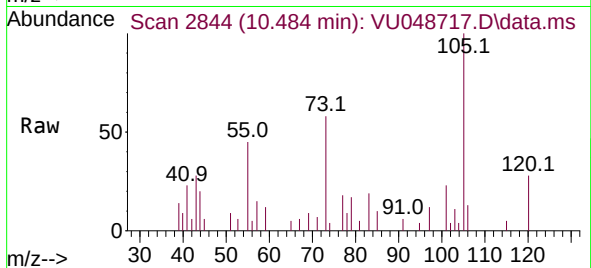
TW-17

Tgt Ion:105 Resp: 5043

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 2.660 ug/l

RT: 10.343 min Scan# 2800

Delta R.T. 0.023 min

Lab File: VU048717.D

Acq: 28 May 2022 01:37

Tgt Ion: 43 Resp: 1424

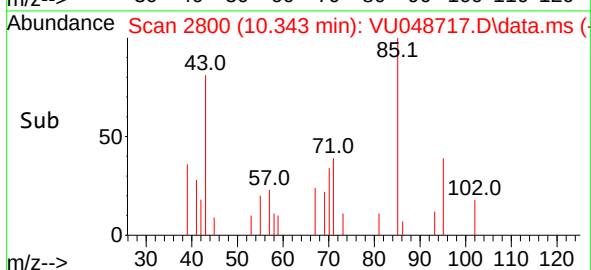
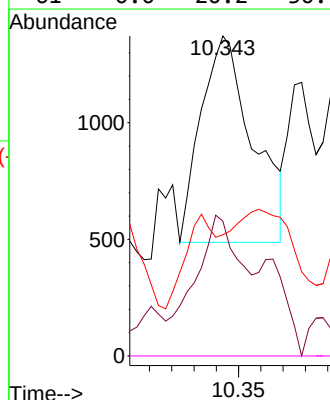
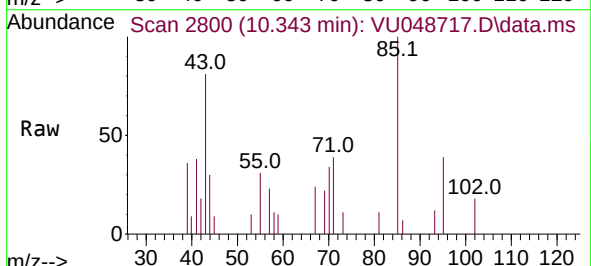
Ion Ratio Lower Upper

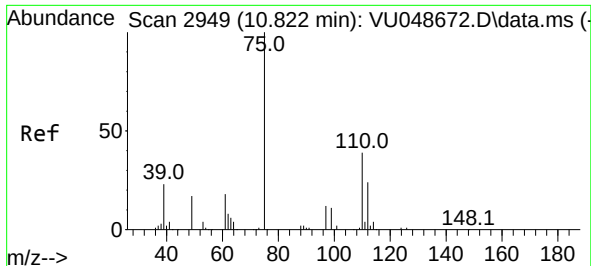
43 100

70 38.3 35.8 53.6

55 25.6 21.1 31.7

61 0.0 20.2 30.4#

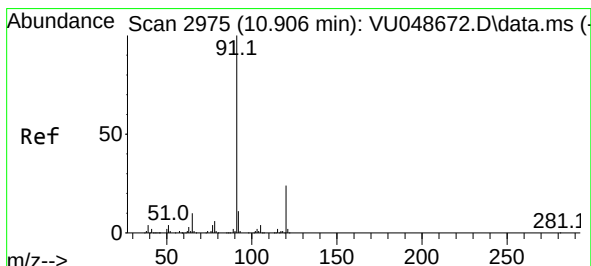
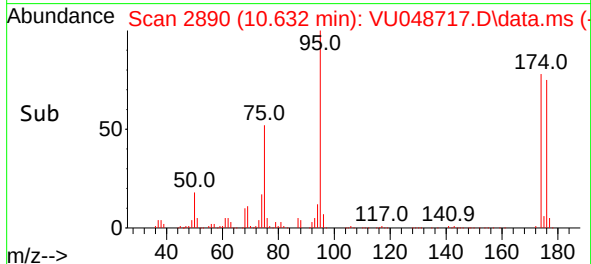
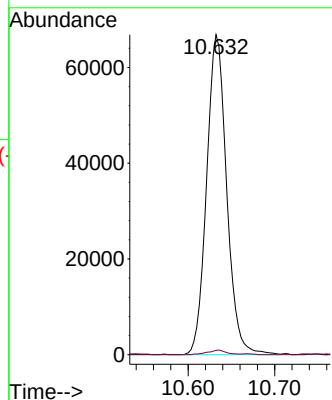
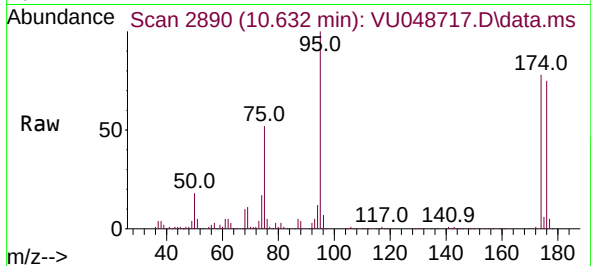




#76
1,2,3-Trichloropropane
Concen: 15.557 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

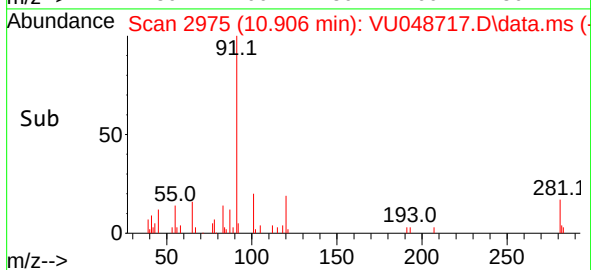
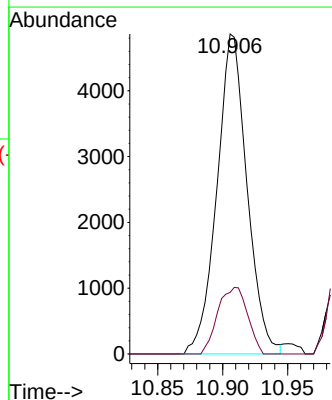
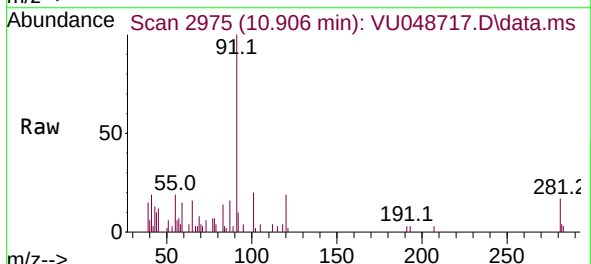
Instrument :
MSVOA_U
ClientSampleId :
TW-17

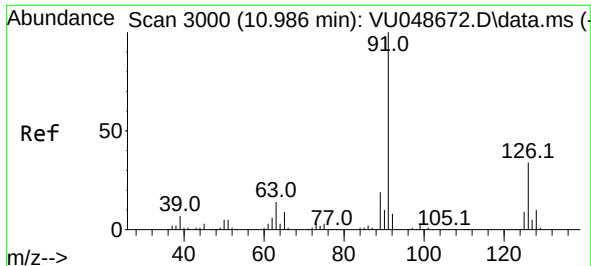
Tgt Ion: 75 Resp: 107597
Ion Ratio Lower Upper
75 100
77 1.4 14.8 44.3#



#78
n-propylbenzene
Concen: 0.474 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 91 Resp: 7826
Ion Ratio Lower Upper
91 100
120 20.5 11.6 34.7

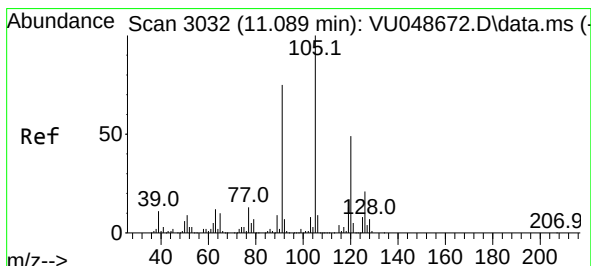
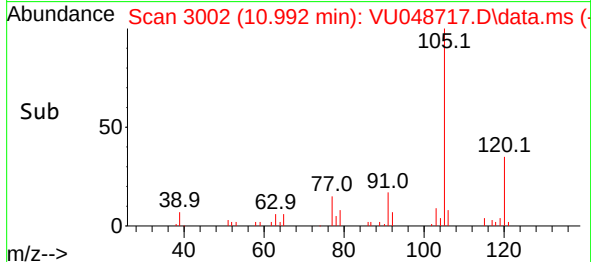
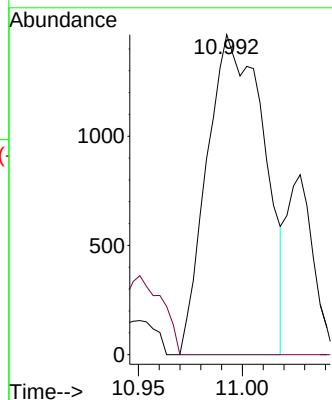
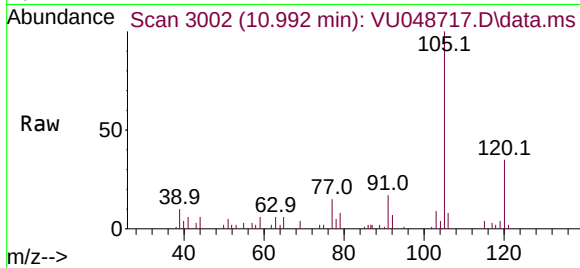




#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.006 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

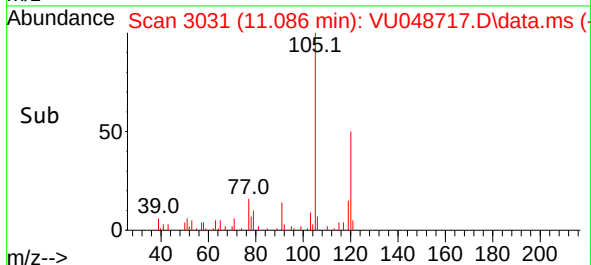
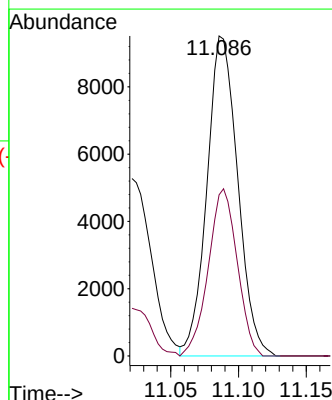
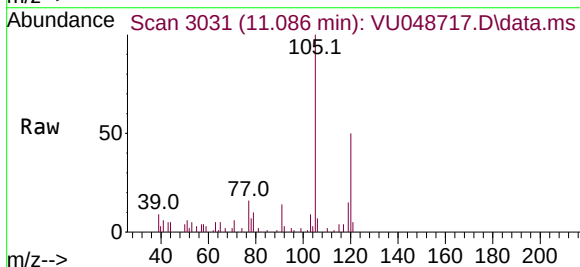
Instrument :
MSVOA_U
ClientSampleId :
TW-17

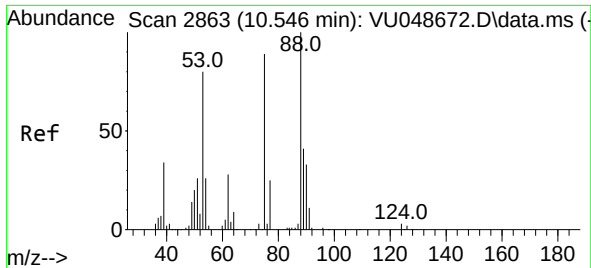
Tgt Ion: 91 Resp: 2794
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.247 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 105 Resp: 15012
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

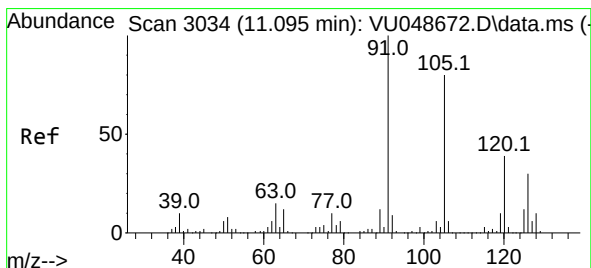
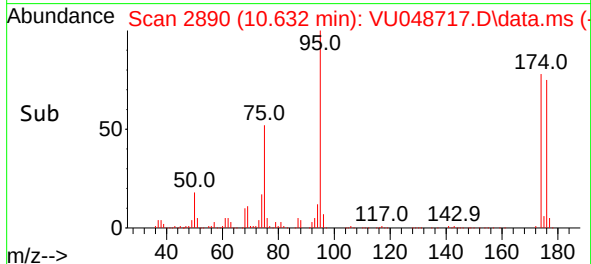
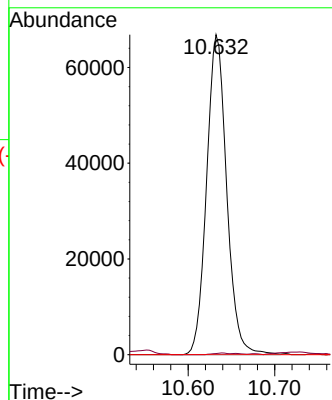
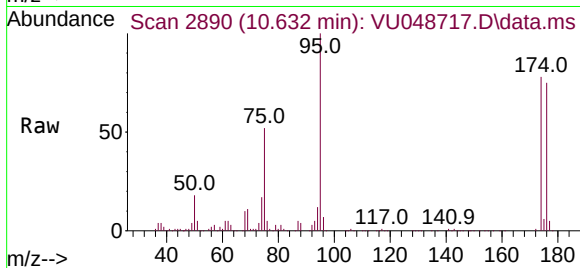




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.487 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. 0.087 min
 Lab File: VU048717.D
 Acq: 28 May 2022 01:37

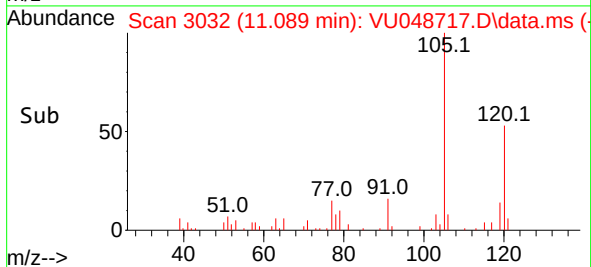
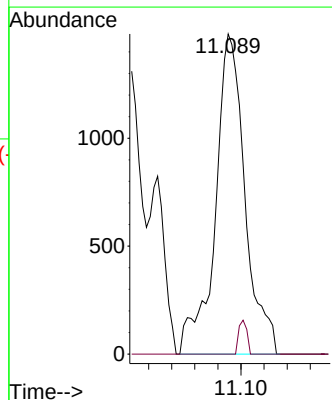
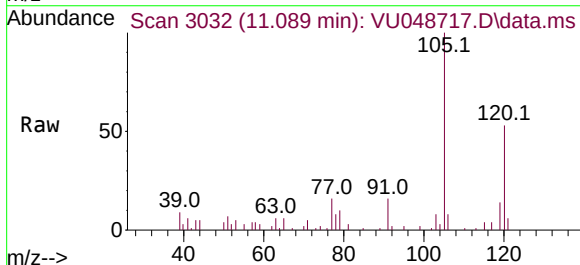
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-17

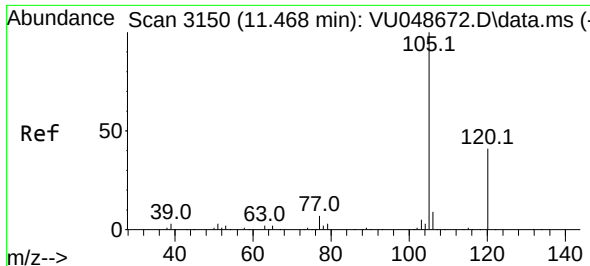
Tgt Ion: 75 Resp: 107597
 Ion Ratio Lower Upper
 75 100
 53 0.4 72.5 108.7#
 89 0.0 37.0 55.4#



#82
 4-Chlorotoluene
 Concen: 0.223 ug/l
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.006 min
 Lab File: VU048717.D
 Acq: 28 May 2022 01:37

Tgt Ion: 91 Resp: 2646
 Ion Ratio Lower Upper
 91 100
 126 2.9 14.4 43.2#

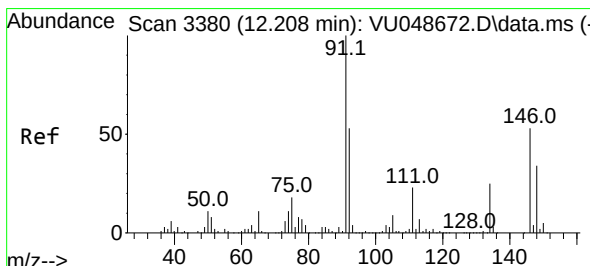
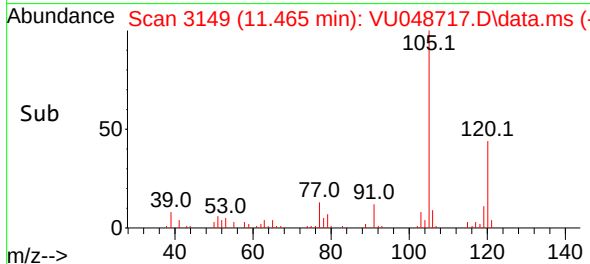
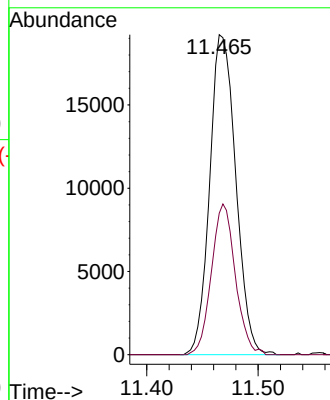
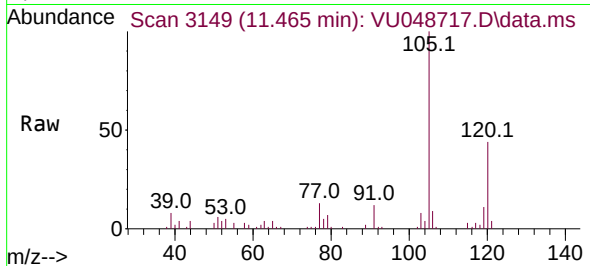




#84
1,2,4-Trimethylbenzene
Concen: 3.539 ug/l
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

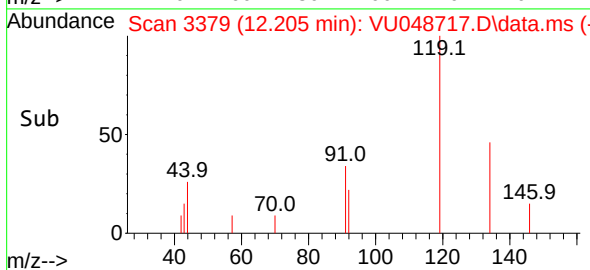
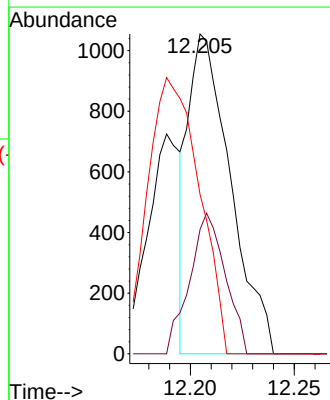
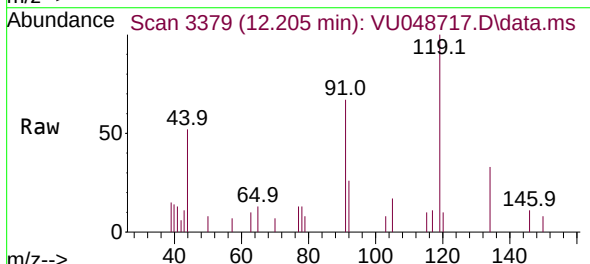
Instrument :
MSVOA_U
ClientSampleId :
TW-17

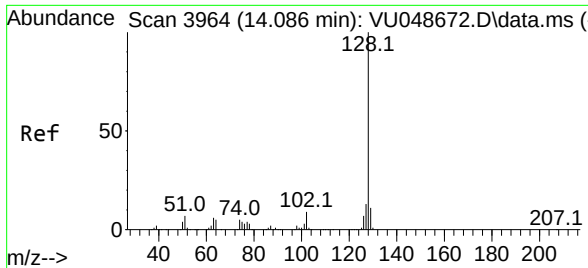
Tgt Ion:105 Resp: 31276
Ion Ratio Lower Upper
105 100
120 43.2 22.5 67.5



#89
n-Butylbenzene
Concen: 2.300 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Tgt Ion: 91 Resp: 1494
Ion Ratio Lower Upper
91 100
92 37.1 25.9 77.8
134 0.0 12.5 37.5#





#95
Naphthalene
Concen: 3.995 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048717.D
Acq: 28 May 2022 01:37

Instrument :
MSVOA_U
ClientSampleId :
TW-17

Tgt Ion:	128	Resp:	26011
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.4
129	11.1	8.7	13.1

