

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U070122\
 Data File : U049595.D
 Acq On : 01 Jul 2022 20:31
 Operator : SY/MD
 Sample : N3564-14
 Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-11-3-GR

Quant Time: Jul 04 06:50:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	204073	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	354469	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	317269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	152732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	143623	45.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.400%
35) Dibromofluoromethane	5.289	113	113345	45.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	7.896	98	443149	50.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	10.632	95	182439	53.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.680%

Target Compounds				Qvalue		
3) Chloromethane	1.520	50	2068	Below Cal		100
6) Chloroethane	1.819	64	50	1.947	ug/l #	44
11) Tert butyl alcohol	3.183	59	14887	20.237	ug/l #	37
13) Acrolein	2.462	56	754	1.514	ug/l #	1
14) Allyl chloride	3.073	41	75844	16.931	ug/l #	57
15) Acrylonitrile	3.353	53	4574	2.585	ug/l #	41
16) Acetone	2.623	43	2050	1.293	ug/l #	83
18) Methyl Acetate	3.073	43	198736	46.321	ug/l #	47
20) Methylene Chloride	3.038	84	482	Below Cal	#	16
23) Vinyl Acetate	3.970	43	2373	0.317	ug/l #	69
25) 2-Butanone	4.633	43	1045	0.440	ug/l #	45
30) Chloroform	5.125	83	5183	1.067	ug/l #	69
31) Cyclohexane	5.385	56	261680	55.452	ug/l	85
36) 1,1-Dichloropropene	5.369	75	17408	4.841	ug/l #	62
37) Ethyl Acetate	4.633	43	1045	0.213	ug/l #	53
38) Carbon Tetrachloride	5.372	117	20917	5.547	ug/l #	15
39) Methylcyclohexane	6.761	83	620334	143.923	ug/l	89
40) Benzene	5.774	78	2884	0.266	ug/l	97
41) Methacrylonitrile	4.999	41	1022	0.415	ug/l #	30
43) Isopropyl Acetate	5.916	43	6930	0.963	ug/l #	58
45) 1,2-Dichloropropane	6.758	63	6469	2.150	ug/l #	1
47) Bromodichloromethane	7.073	83	6109	1.583	ug/l #	67
48) Methyl methacrylate	6.980	41	51172	15.166	ug/l #	55
51) 4-Methyl-2-Pentanone	7.854	43	27129	5.630	ug/l #	36
52) Toluene	7.967	92	2755	0.427	ug/l	85
55) 1,1,2-Trichloroethane	8.369	97	91360	34.244	ug/l #	19
56) Ethyl methacrylate	8.366	69	25325	5.675	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.446	63	837	14.933	ug/l #	46
59) 2-Hexanone	8.761	43	42364	11.180	ug/l #	39
64) Tetrachloroethene	8.555	164	1180	0.580	ug/l #	90
67) Ethyl Benzene	9.571	91	36085	3.030	ug/l	99
68) m/p-Xylenes	9.690	106	37242	8.453	ug/l	83
69) o-Xylene	10.105	106	2443	0.559	ug/l	91
73) Isopropylbenzene	10.485	105	110461	10.153	ug/l	97
74) N-amyl acetate	10.314	43	13086	2.273	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	10.809	83	33694	7.311	ug/l #	25

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

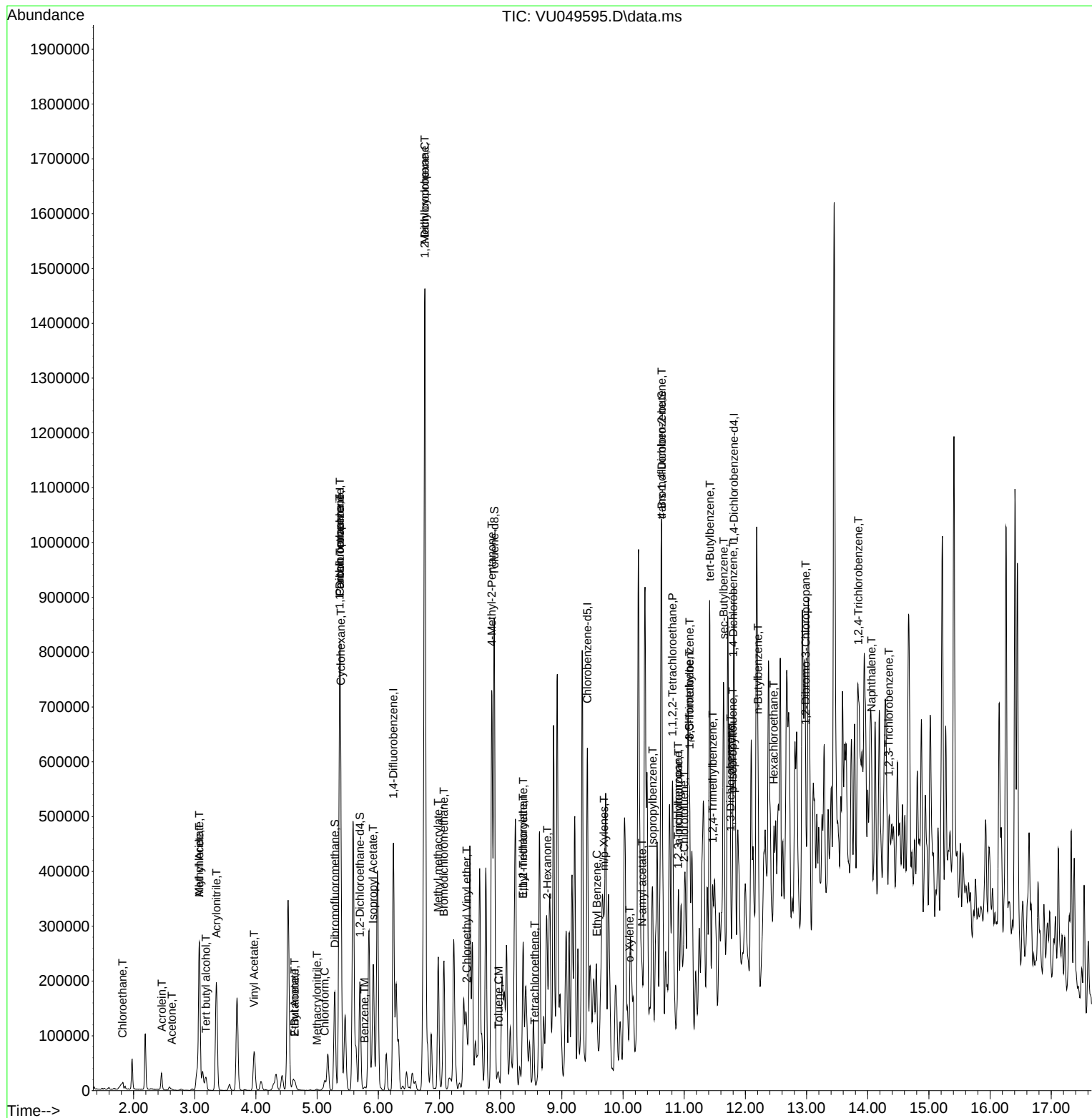
76) 1,2,3-Trichloropropane	10.899	75	3049	0.589	ug/l #	1
78) n-propylbenzene	10.906	91	207567	15.700	ug/l	94
79) 2-Chlorotoluene	10.999	91	14320	1.758	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.089	105	157754	16.608	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.632	75	88198	62.908	ug/l #	20
82) 4-Chlorotoluene	11.086	91	17036	1.860	ug/l #	44
83) tert-Butylbenzene	11.420	119	8808	0.943	ug/l	86
84) 1,2,4-Trimethylbenzene	11.468	105	51315	5.499	ug/l	95
85) sec-Butylbenzene	11.645	105	92323	7.860	ug/l	96
86) p-Isopropyltoluene	11.793	119	57949	6.101	ug/l	89
87) 1,3-Dichlorobenzene	11.761	146	3468	0.683	ug/l #	1
88) 1,4-Dichlorobenzene	11.803	146	1521	0.298	ug/l #	1
89) n-Butylbenzene	12.208	91	139631	15.880	ug/l #	58
90) Hexachloroethane	12.465	117	12540	6.628	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	12.986	75	1823	1.543	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.845	180	33	1.763	ug/l #	1
95) Naphthalene	14.063	128	12469	2.743	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.346	180	1458	1.582	ug/l #	1

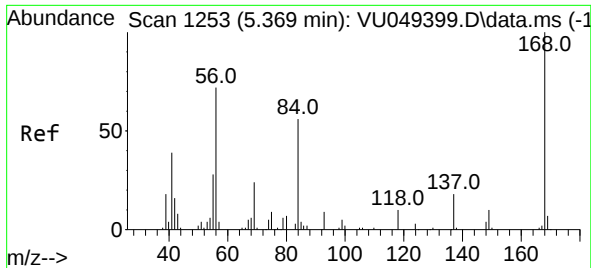
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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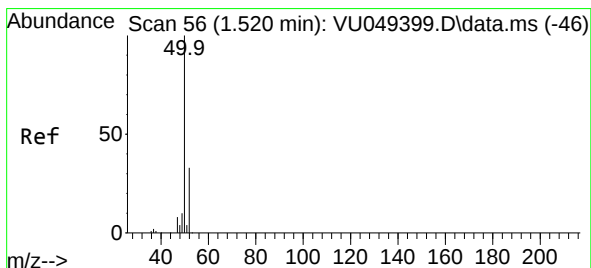
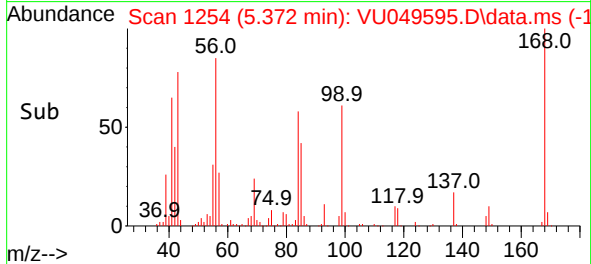
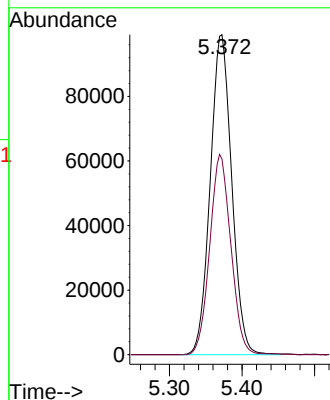
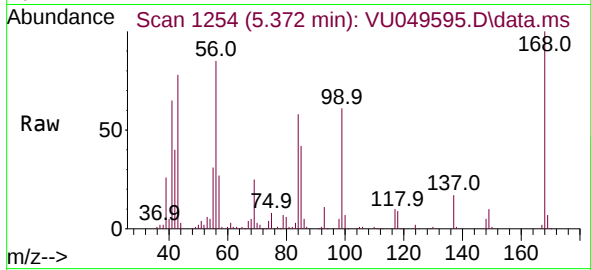




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

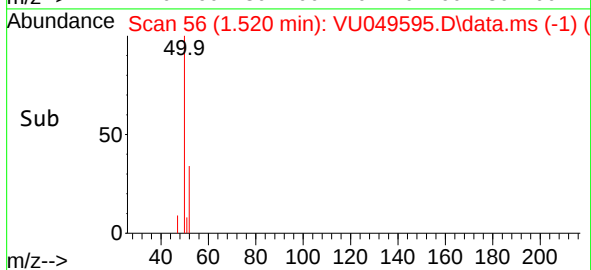
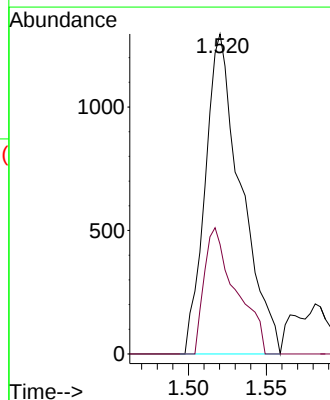
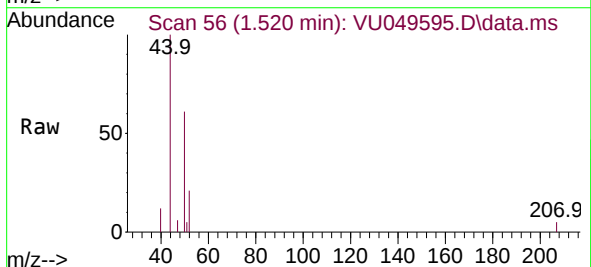
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

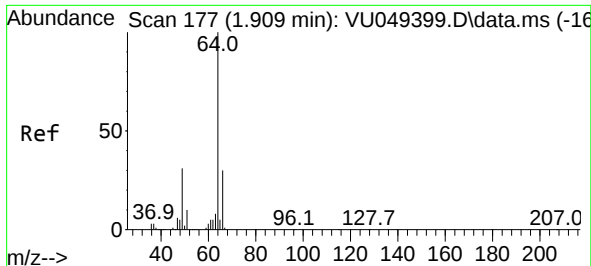
Tgt Ion:168 Resp: 204073
Ion Ratio Lower Upper
168 100
99 61.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 50 Resp: 2068
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.2

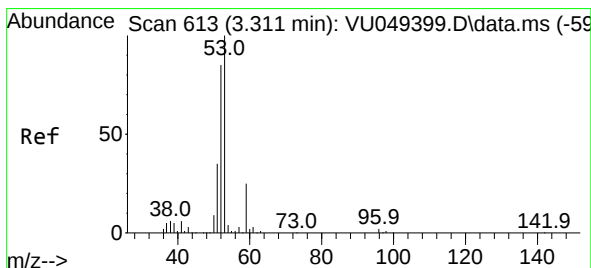
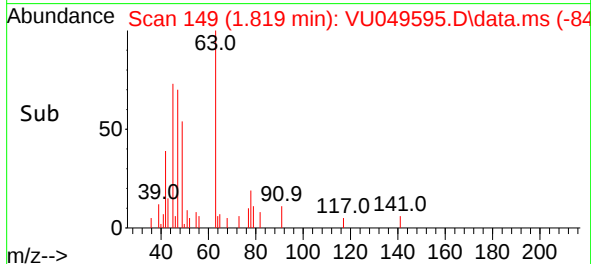
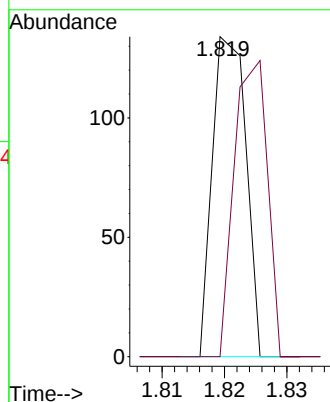
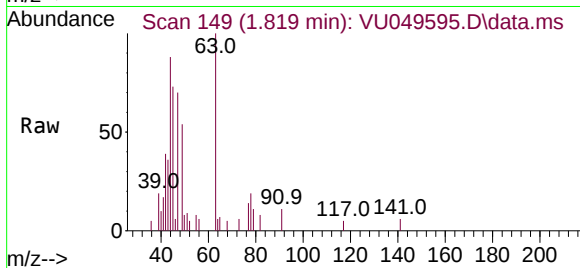




#6
Chloroethane
Concen: 1.947 ug/l
RT: 1.819 min Scan# 14
Delta R.T. -0.090 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

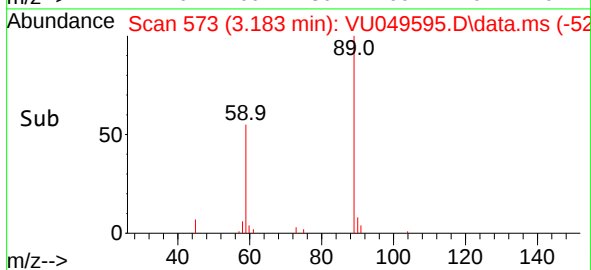
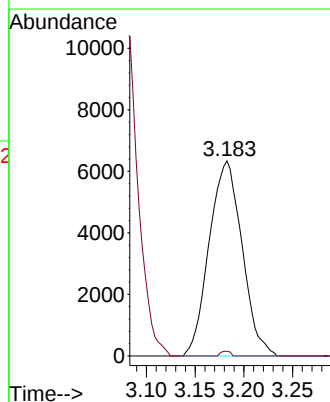
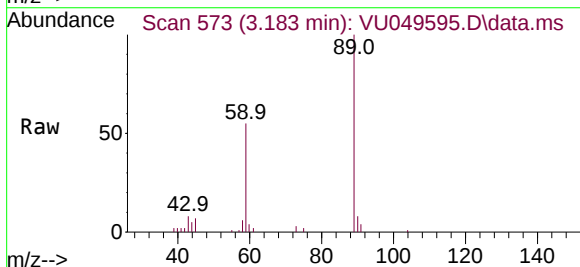
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

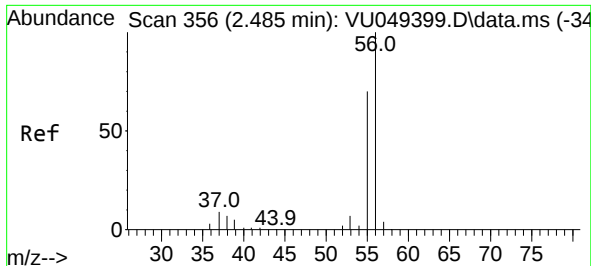
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 20.237 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.128 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 59 Resp: 14887
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#13

Acrolein

Concen: 1.514 ug/l

RT: 2.462 min Scan# 34

Delta R.T. -0.022 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

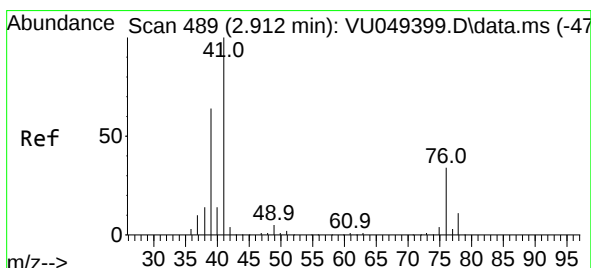
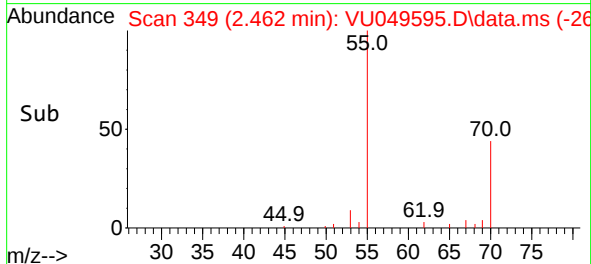
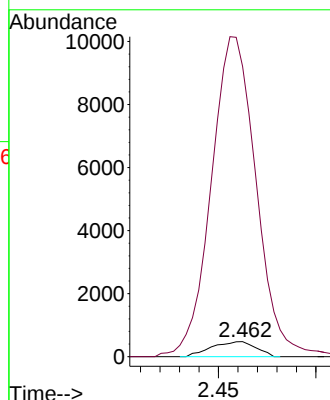
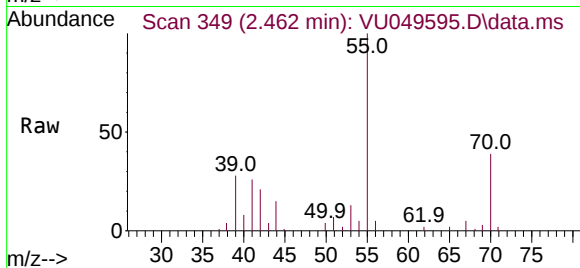
WC-14B-11-3-GR

Tgt Ion: 56 Resp: 754

Ion Ratio Lower Upper

56 100

55 2167.5 56.6 85.0#



#14

Allyl chloride

Concen: 16.931 ug/l

RT: 3.073 min Scan# 539

Delta R.T. 0.161 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

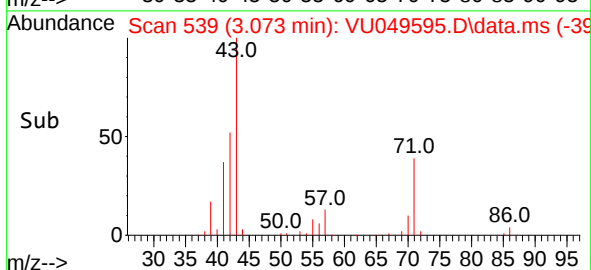
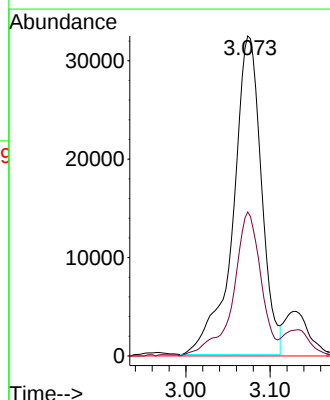
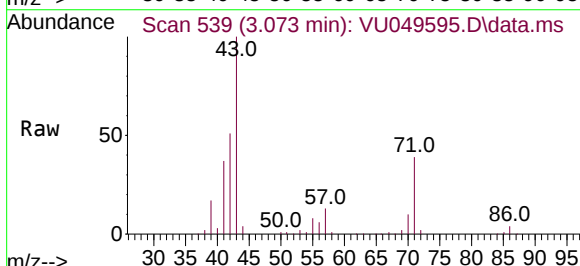
Tgt Ion: 41 Resp: 75844

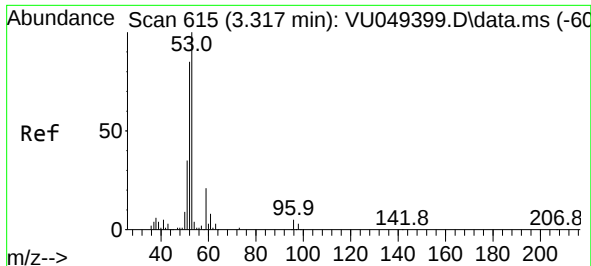
Ion Ratio Lower Upper

41 100

39 44.2 53.4 80.2#

76 0.0 33.8 50.6#

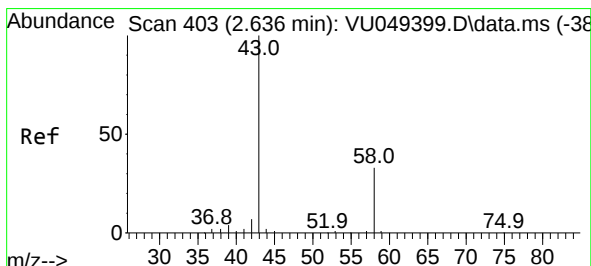
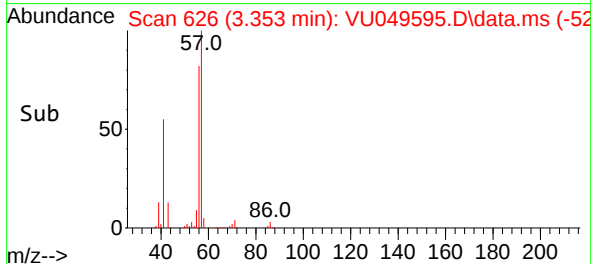
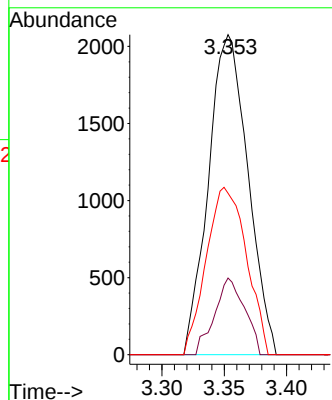
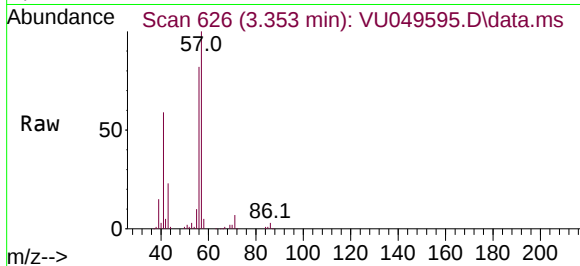




#15
Acrylonitrile
Concen: 2.585 ug/l
RT: 3.353 min Scan# 615
Delta R.T. 0.036 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

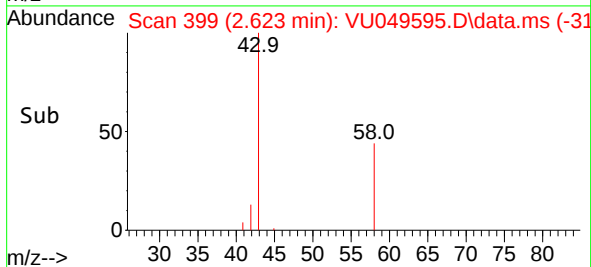
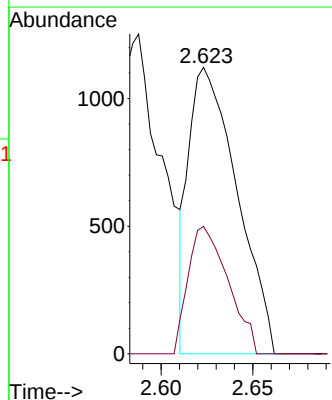
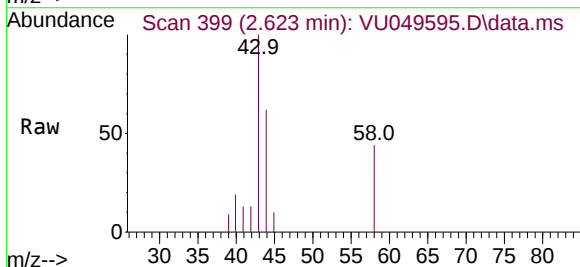
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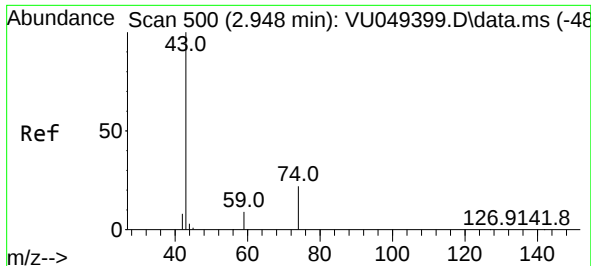
Tgt Ion: 53 Resp: 4574
Ion Ratio Lower Upper
53 100
52 18.2 65.7 98.5#
51 53.1 28.2 42.4#



#16
Acetone
Concen: 1.293 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
58 44.5 27.5 41.3#

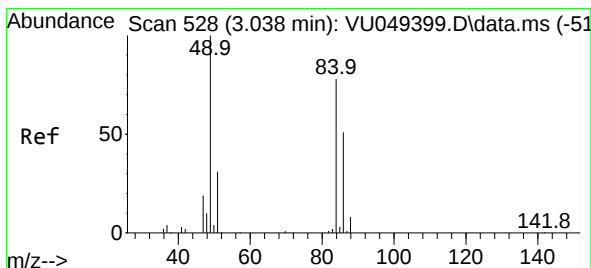
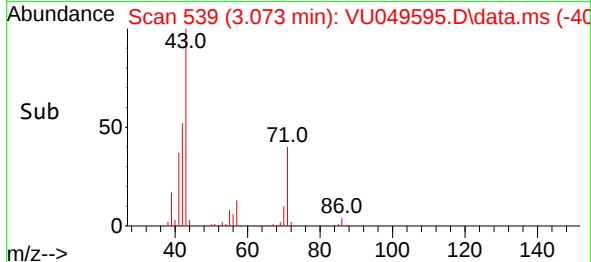
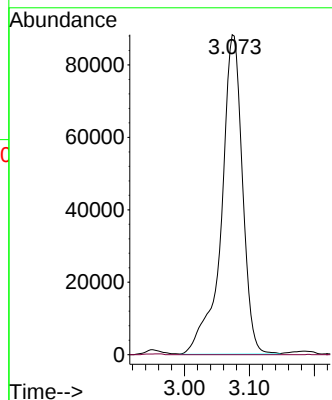
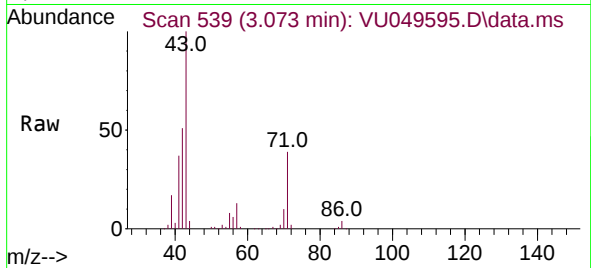




#18
Methyl Acetate
Concen: 46.321 ug/l
RT: 3.073 min Scan# 511
Delta R.T. 0.126 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

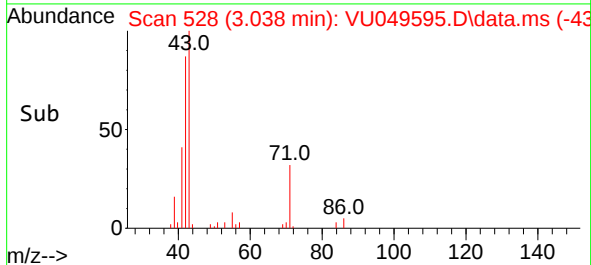
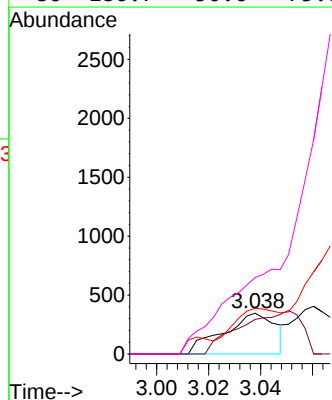
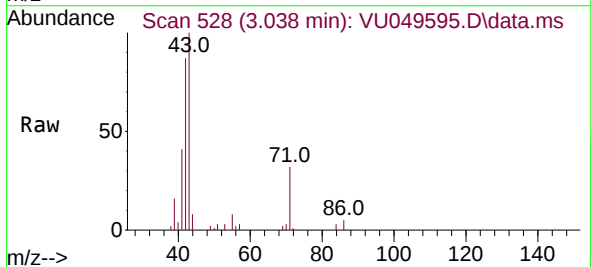
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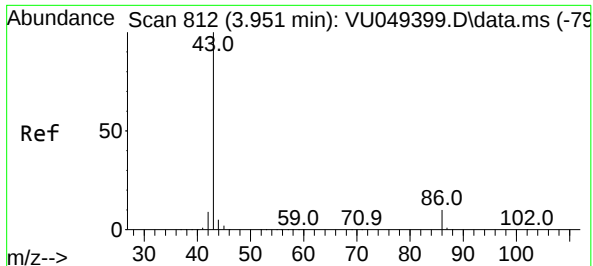
Tgt Ion: 43 Resp: 198736
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 528
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 84 Resp: 482
Ion Ratio Lower Upper
84 100
49 84.7 86.6 129.8#
51 112.1 26.6 40.0#
86 186.7 50.6 75.8#

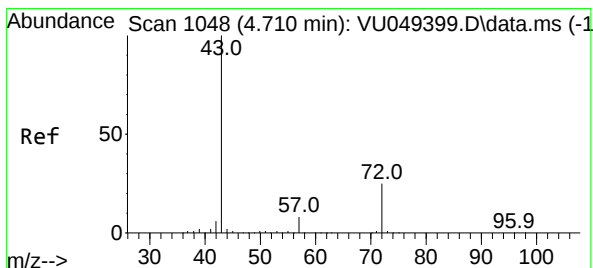
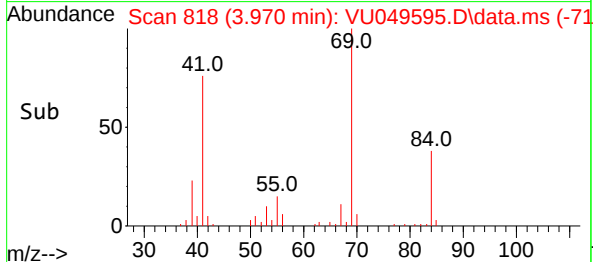
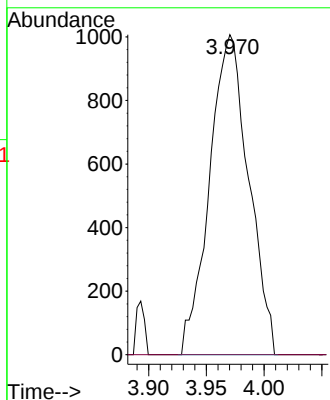
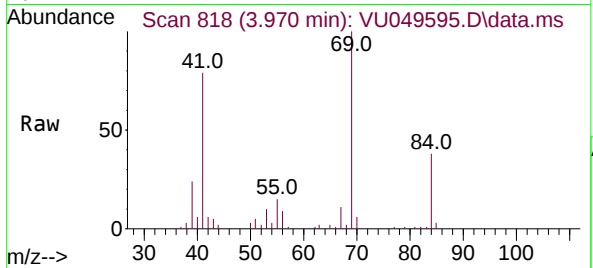




#23
 Vinyl Acetate
 Concen: 0.317 ug/l
 RT: 3.970 min Scan# 812
 Delta R.T. 0.019 min
 Lab File: VU049595.D
 Acq: 01 Jul 2022 20:31

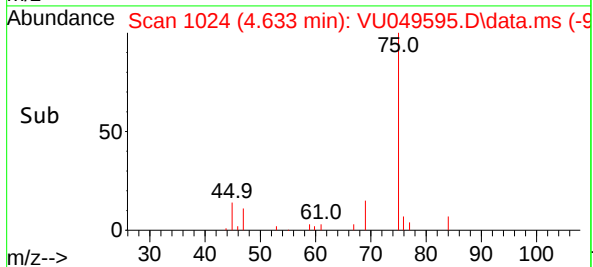
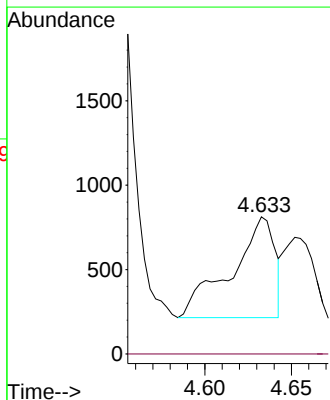
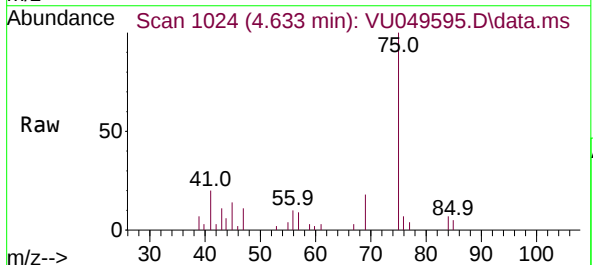
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-11-3-GR

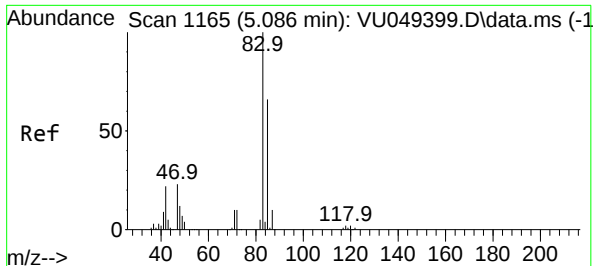
Tgt Ion: 43 Resp: 2373
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.8#



#25
 2-Butanone
 Concen: 0.440 ug/l
 RT: 4.633 min Scan# 1024
 Delta R.T. -0.077 min
 Lab File: VU049595.D
 Acq: 01 Jul 2022 20:31

Tgt Ion: 43 Resp: 1045
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#30

Chloroform

Concen: 1.067 ug/l

RT: 5.125 min Scan# 1165

Delta R.T. 0.039 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

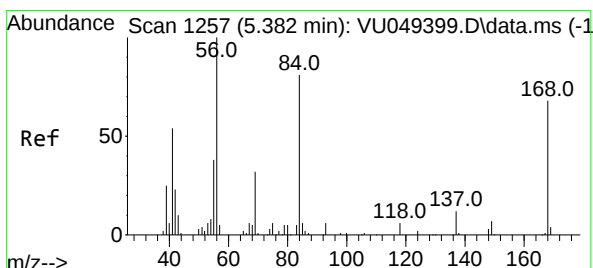
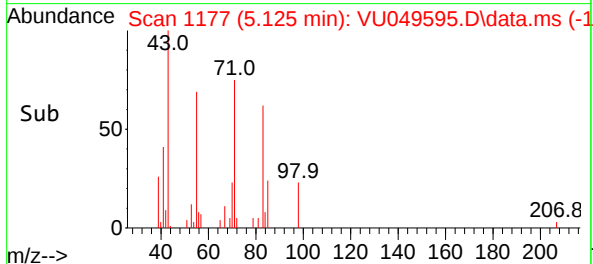
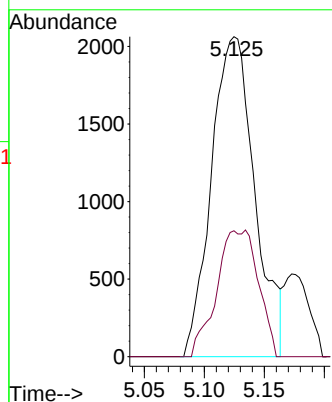
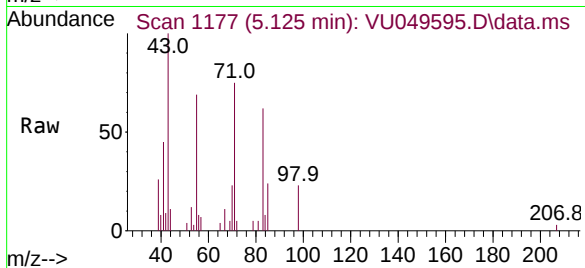
WC-14B-11-3-GR

Tgt Ion: 83 Resp: 5183

Ion Ratio Lower Upper

83 100

85 39.4 51.2 76.8#



#31

Cyclohexane

Concen: 55.452 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

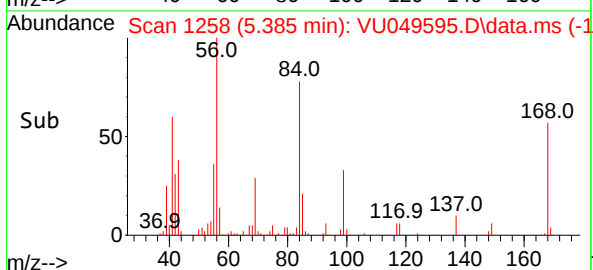
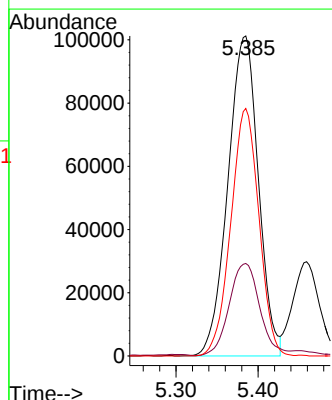
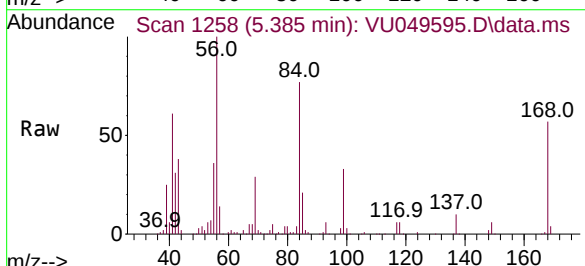
Tgt Ion: 56 Resp: 261680

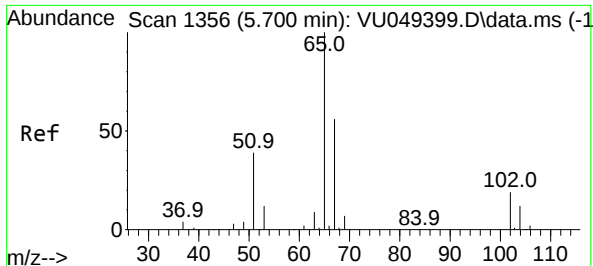
Ion Ratio Lower Upper

56 100

69 28.4 27.8 41.8

84 77.4 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 45.698 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

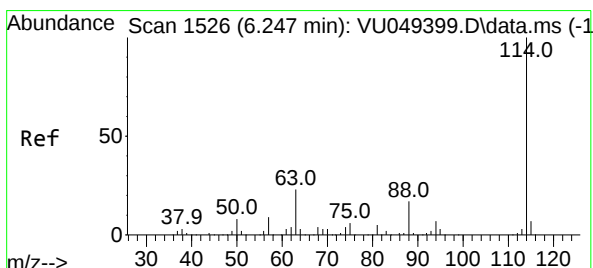
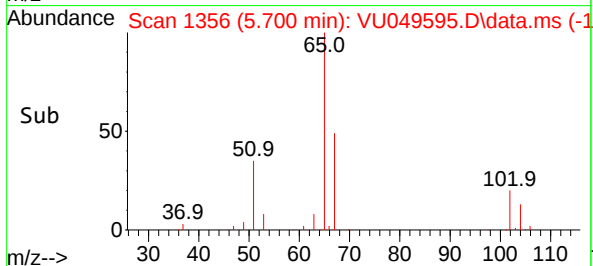
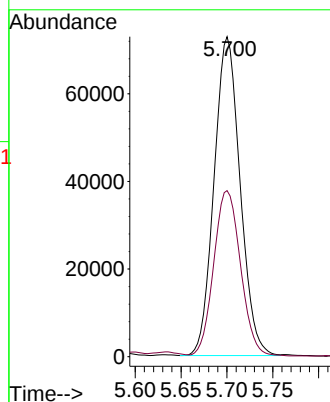
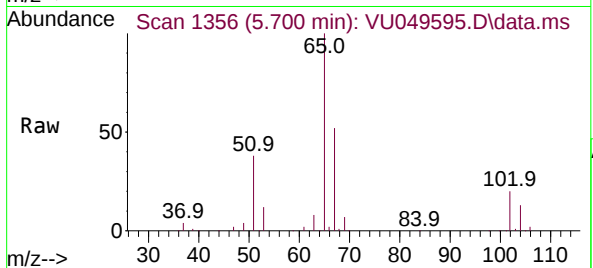
WC-14B-11-3-GR

Tgt Ion: 65 Resp: 143623

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

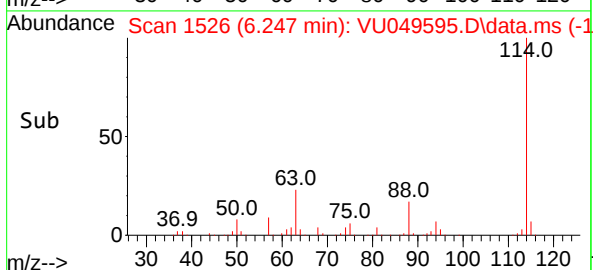
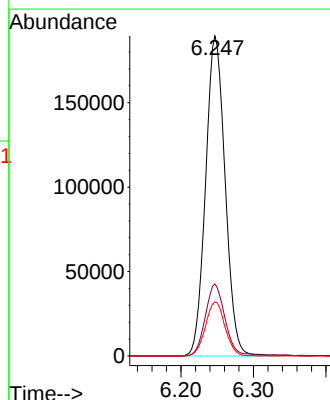
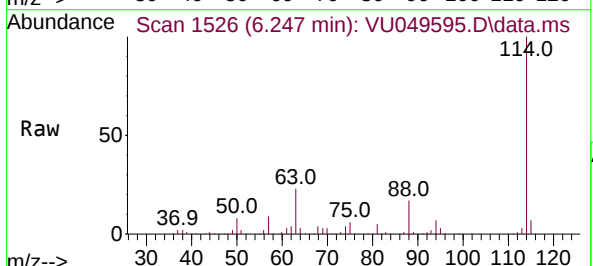
Tgt Ion: 114 Resp: 354469

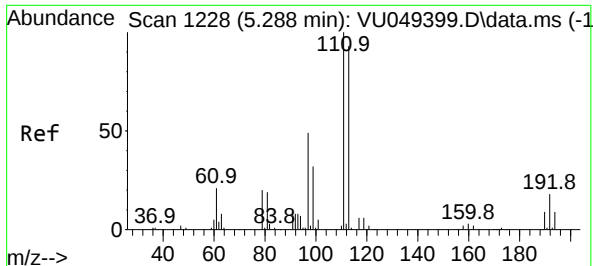
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.704 ug/l

RT: 5.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

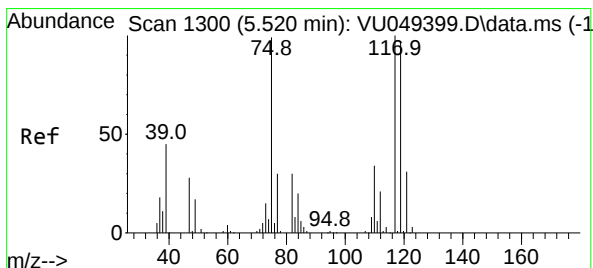
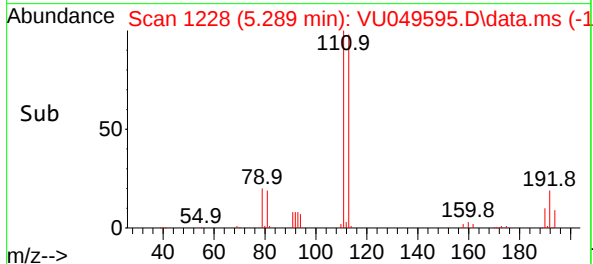
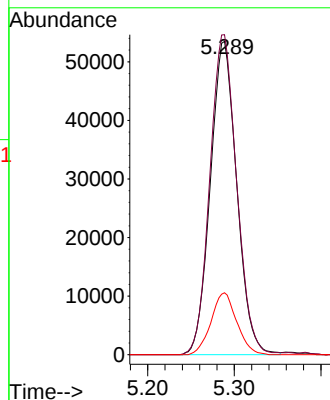
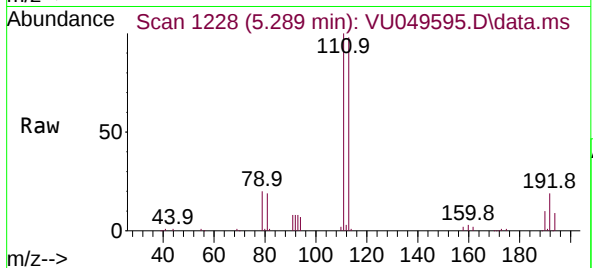
Tgt Ion:113 Resp: 113345

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

192 19.2 18.0 27.0



#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.151 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

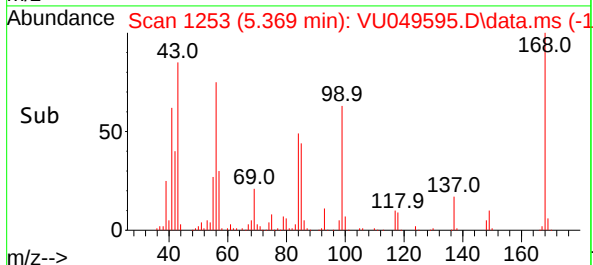
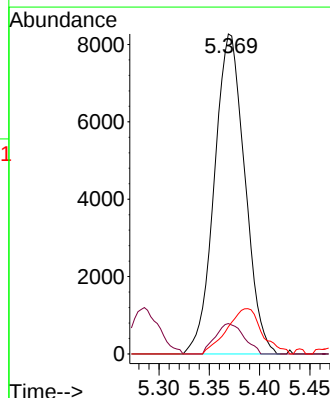
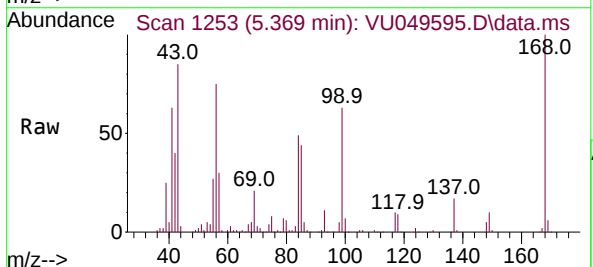
Tgt Ion: 75 Resp: 17408

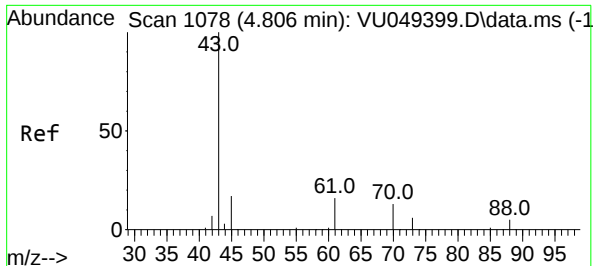
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 16.2 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.213 ug/l

RT: 4.633 min Scan# 1

Delta R.T. -0.173 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

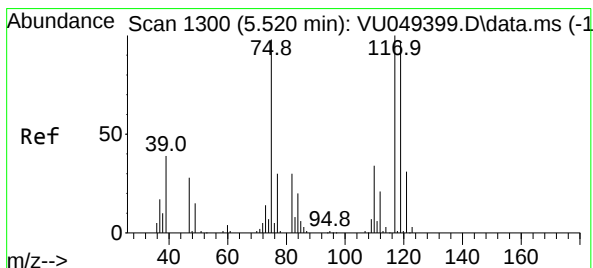
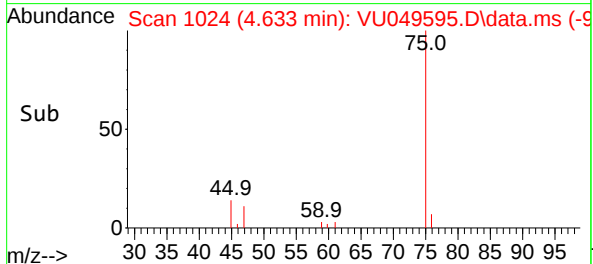
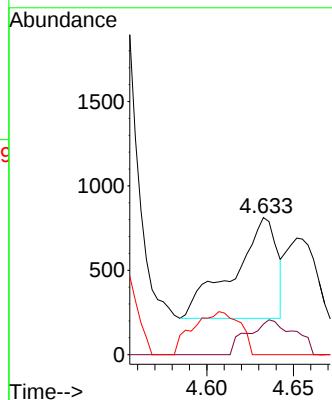
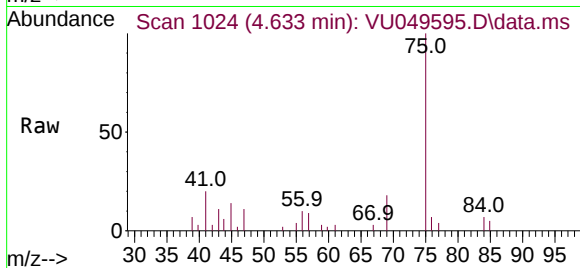
MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

Tgt Ion: 43 Resp: 1045

Ion	Ratio	Lower	Upper
43	100		
61	36.9	9.5	14.3#
70	0.0	7.5	11.3#



#38

Carbon Tetrachloride

Concen: 5.547 ug/l

RT: 5.372 min Scan# 1254

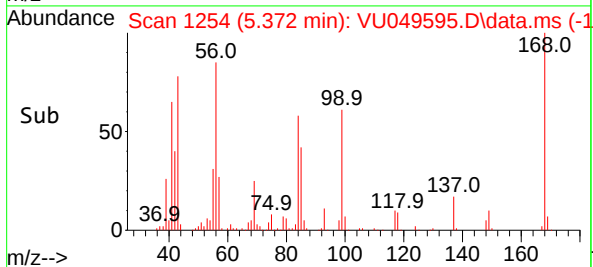
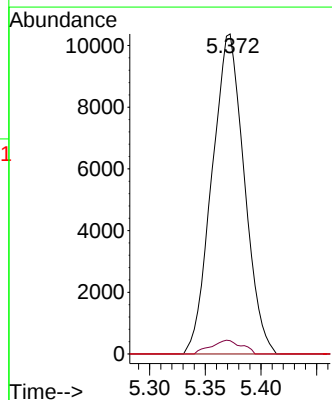
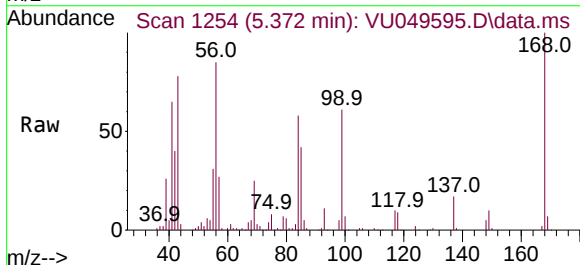
Delta R.T. -0.148 min

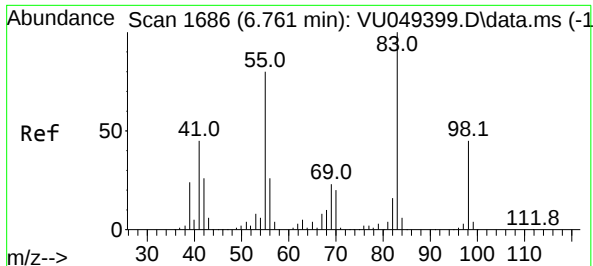
Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Tgt Ion: 117 Resp: 20917

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.8	115.2#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 143.923 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

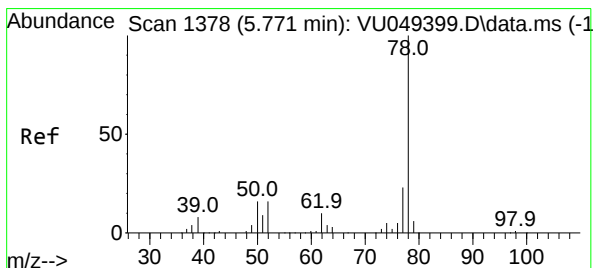
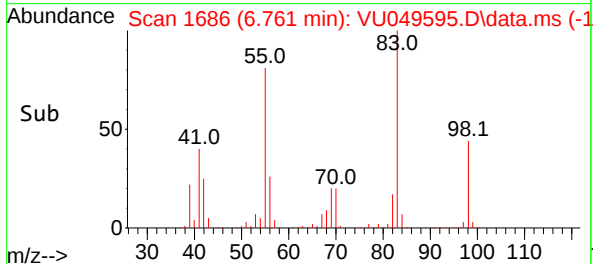
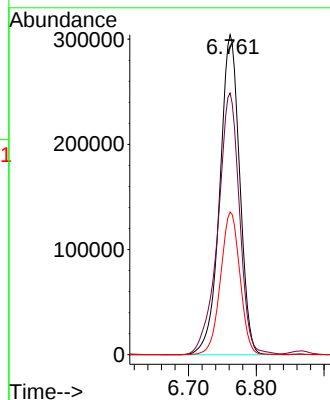
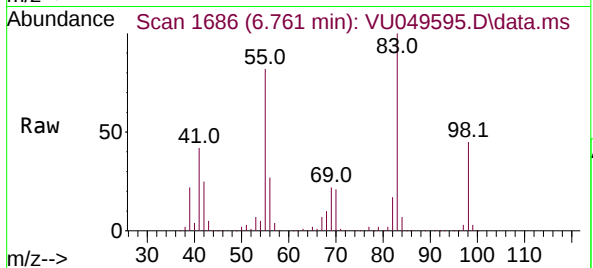
Tgt Ion: 83 Resp: 620334

Ion Ratio Lower Upper

83 100

55 81.8 55.3 82.9

98 44.6 37.3 55.9



#40

Benzene

Concen: 0.266 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049595.D

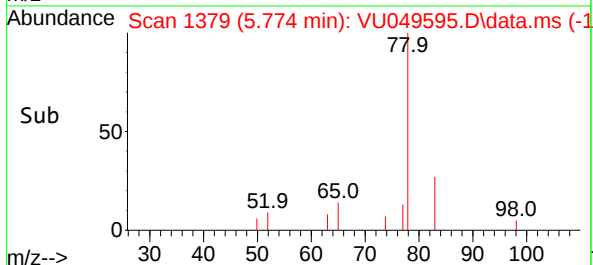
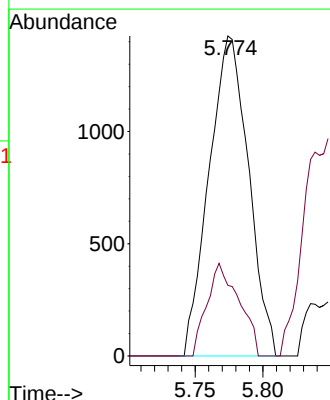
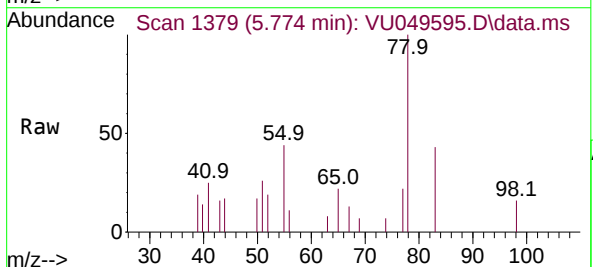
Acq: 01 Jul 2022 20:31

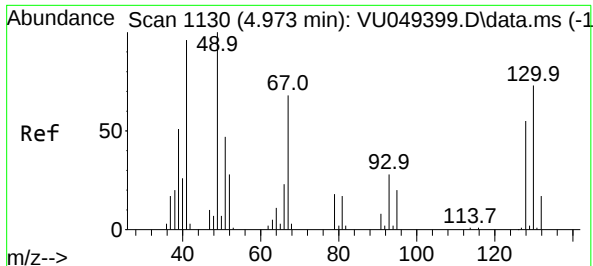
Tgt Ion: 78 Resp: 2884

Ion Ratio Lower Upper

78 100

77 22.0 18.8 28.2



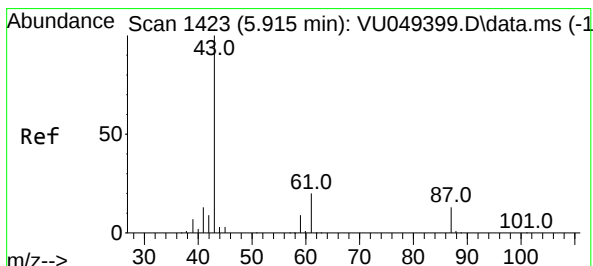
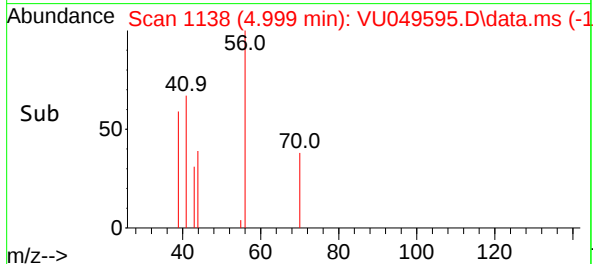
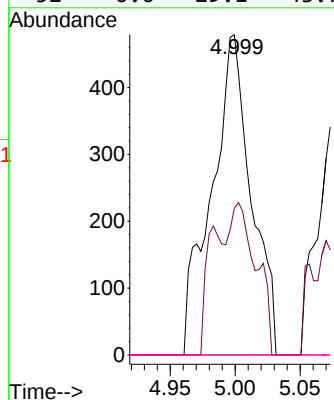
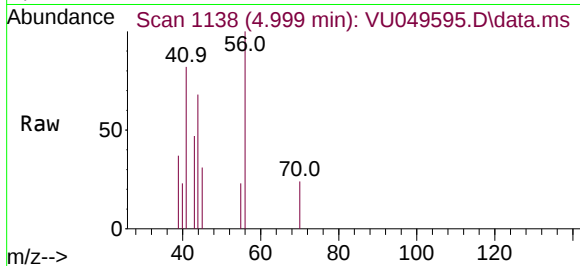


#41
Methacrylonitrile
Concen: 0.415 ug/l
RT: 4.999 min Scan# 1138
Delta R.T. 0.026 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

Tgt Ion: 41 Resp: 1022

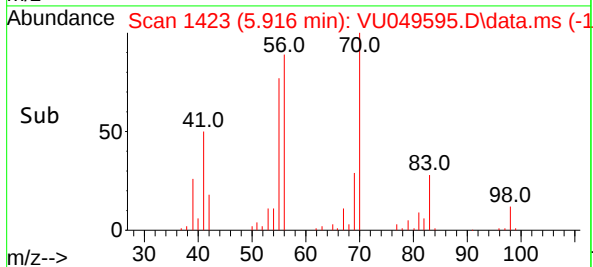
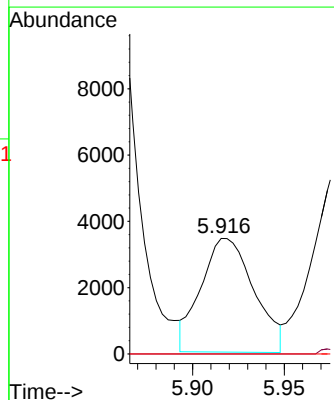
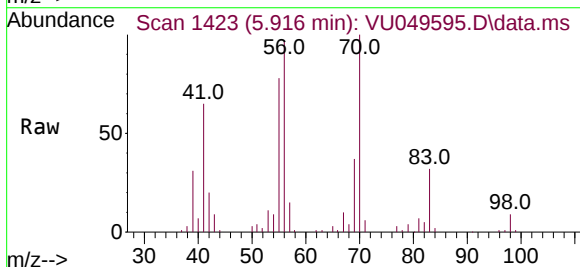
Ion	Ratio	Lower	Upper
41	100		
39	31.5	43.1	64.7#
67	0.0	72.3	108.5#
52	0.0	29.1	43.7#

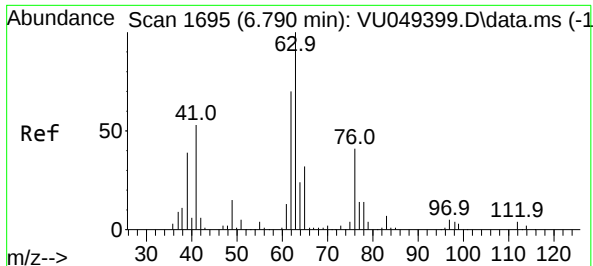


#43
Isopropyl Acetate
Concen: 0.963 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 43 Resp: 6930

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.4	26.0#
87	0.0	12.6	18.8#





#45

1,2-Dichloropropane

Concen: 2.150 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.032 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

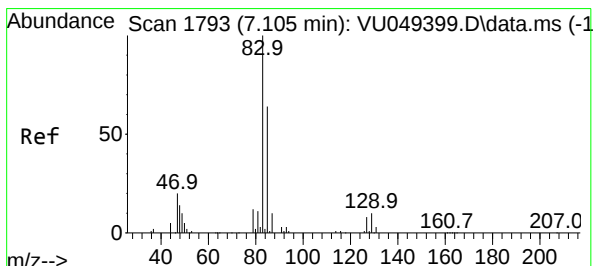
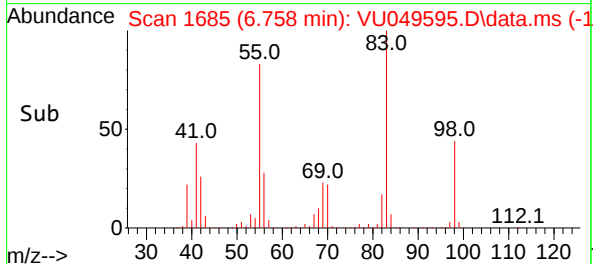
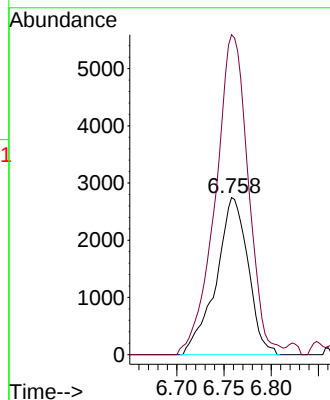
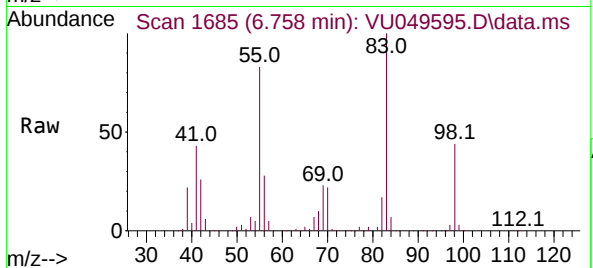
WC-14B-11-3-GR

Tgt Ion: 63 Resp: 6469

Ion Ratio Lower Upper

63 100

65 199.9 25.0 37.4#



#47

Bromodichloromethane

Concen: 1.583 ug/l

RT: 7.073 min Scan# 1783

Delta R.T. -0.032 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

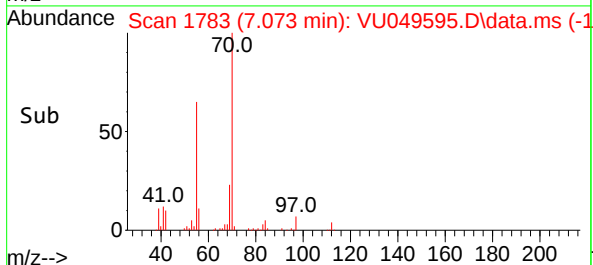
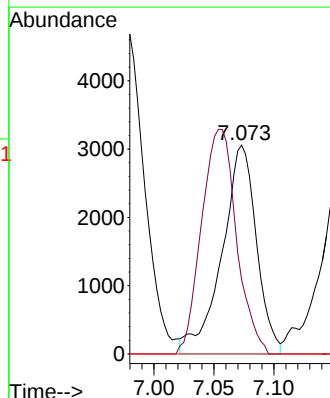
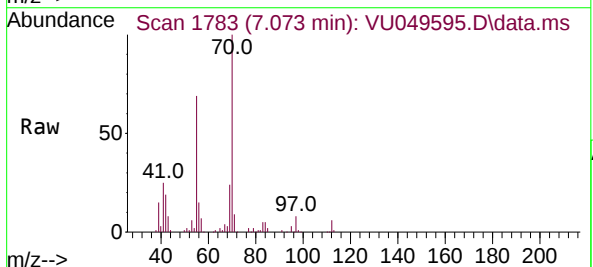
Tgt Ion: 83 Resp: 6109

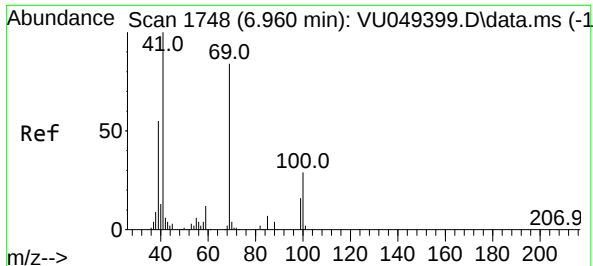
Ion Ratio Lower Upper

83 100

85 37.4 51.4 77.2#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 15.166 ug/l

RT: 6.980 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

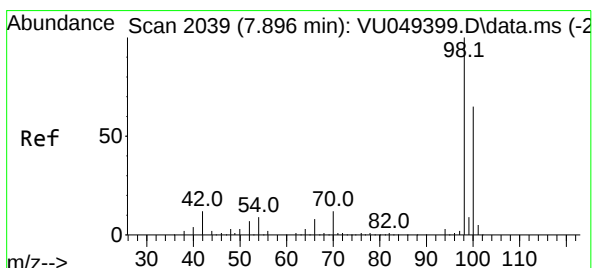
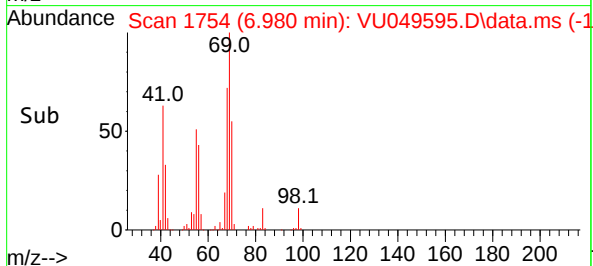
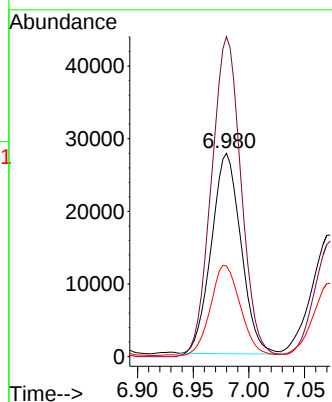
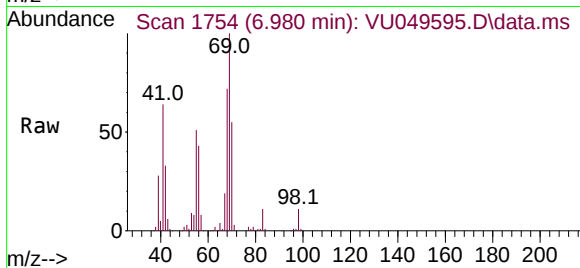
Tgt Ion: 41 Resp: 51172

Ion Ratio Lower Upper

41 100

69 159.9 79.8 119.6#

39 44.9 47.9 71.9#



#50

Toluene-d8

Concen: 50.100 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049595.D

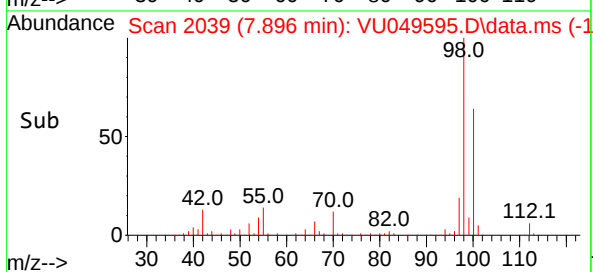
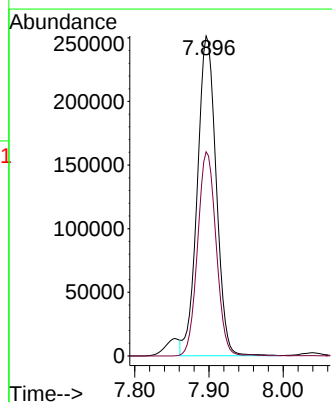
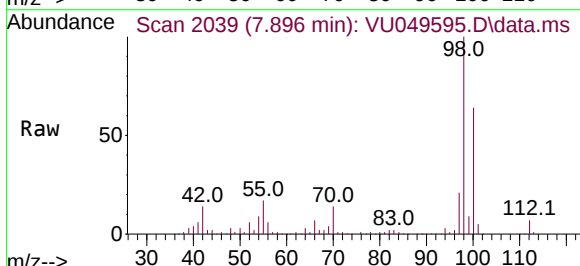
Acq: 01 Jul 2022 20:31

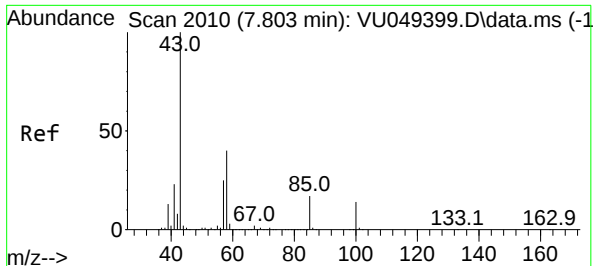
Tgt Ion: 98 Resp: 443149

Ion Ratio Lower Upper

98 100

100 62.5 51.7 77.5

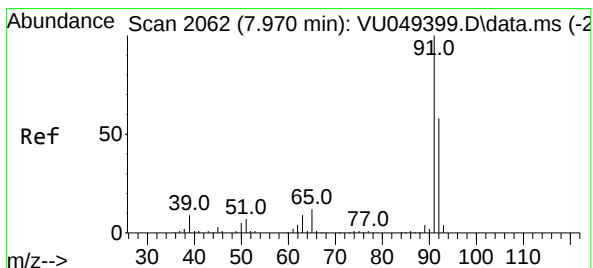
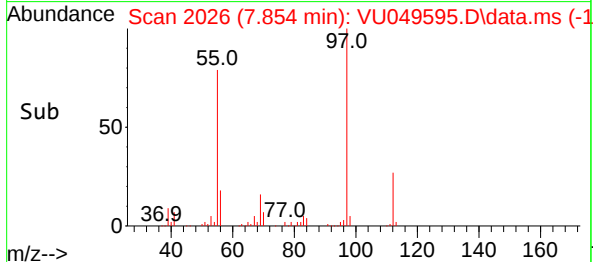
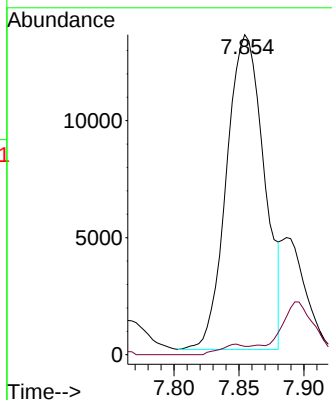
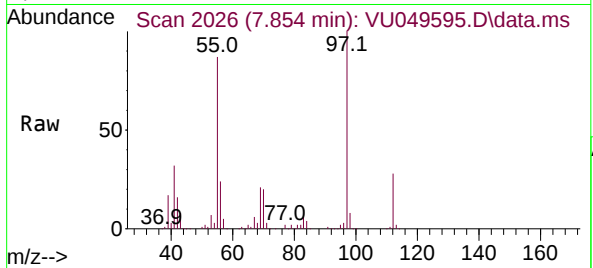




#51
4-Methyl-2-Pentanone
Concen: 5.630 ug/l
RT: 7.854 min Scan# 2026
Delta R.T. 0.052 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

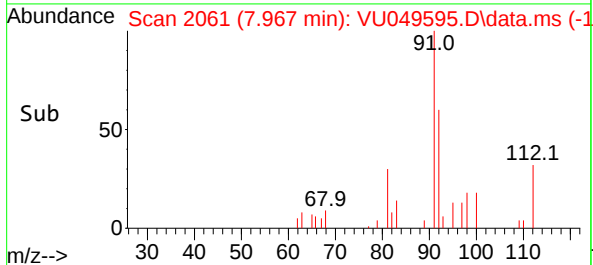
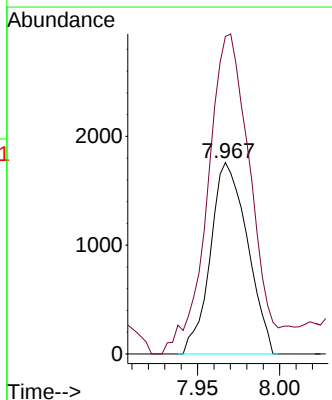
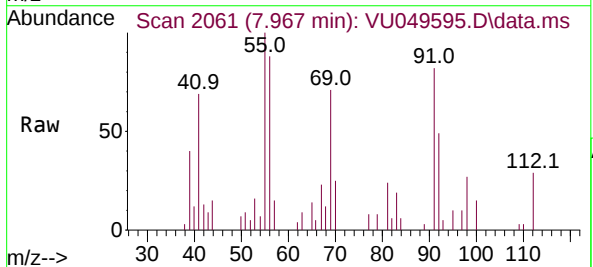
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

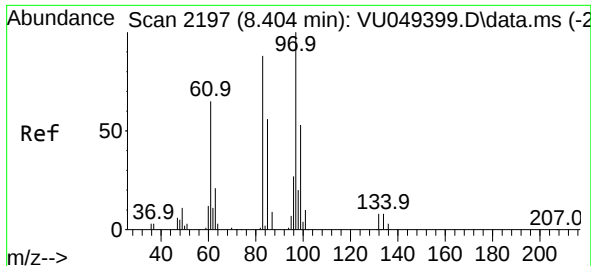
Tgt Ion: 43 Resp: 27129
Ion Ratio Lower Upper
43 100
58 2.3 34.7 52.1#



#52
Toluene
Concen: 0.427 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 92 Resp: 2755
Ion Ratio Lower Upper
92 100
91 193.1 138.2 207.4

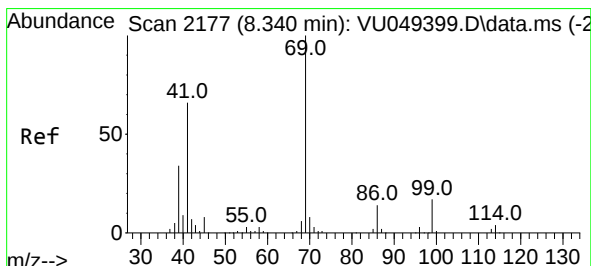
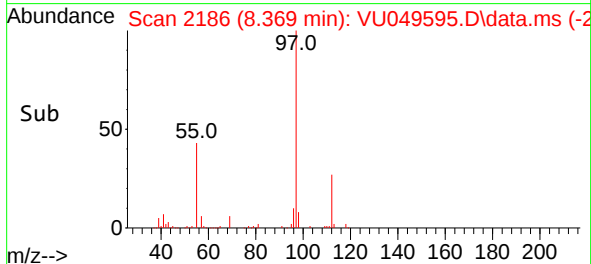
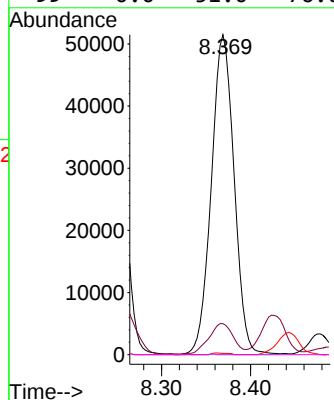
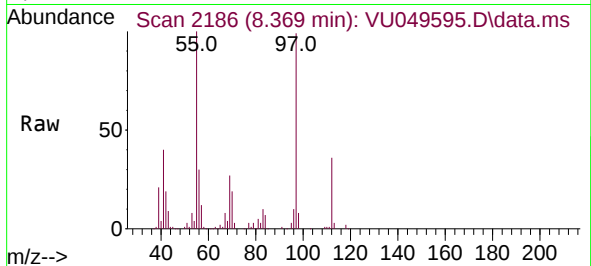




#55
1,1,2-Trichloroethane
Concen: 34.244 ug/l
RT: 8.369 min Scan# 2197
Delta R.T. -0.035 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

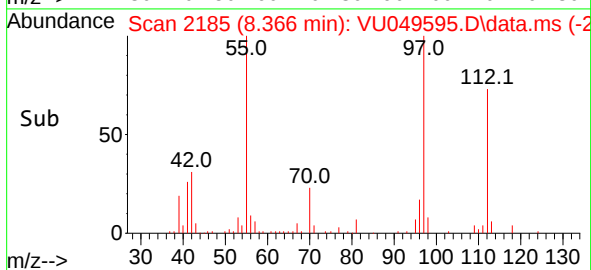
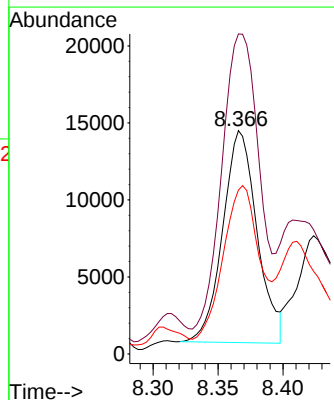
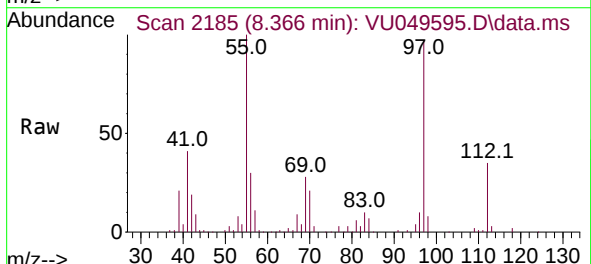
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

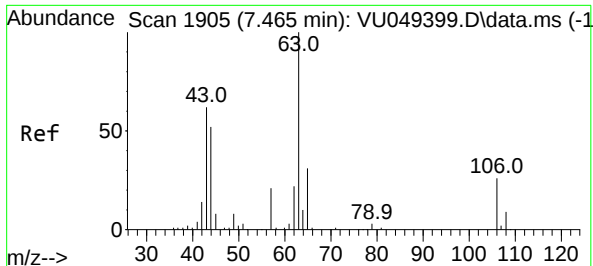
Tgt Ion:	97	Resp:	91360
Ion	Ratio	Lower	Upper
97	100		
83	9.5	70.2	105.4#
85	0.4	44.6	66.8#
99	0.0	51.0	76.6#



#56
Ethyl methacrylate
Concen: 5.675 ug/l
RT: 8.366 min Scan# 2185
Delta R.T. 0.026 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion:	69	Resp:	25325
Ion	Ratio	Lower	Upper
69	100		
41	148.5	45.4	68.0#
39	79.2	25.7	38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 14.933 ug/l

RT: 7.446 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

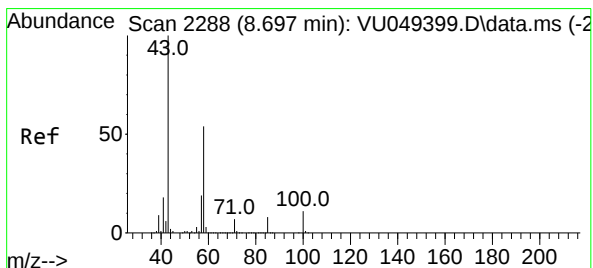
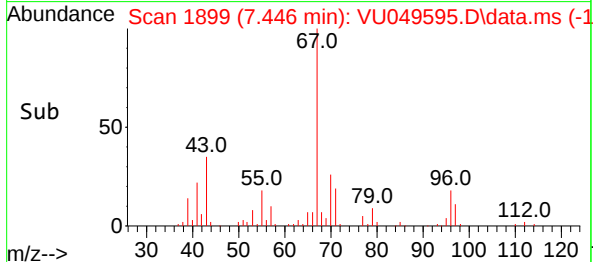
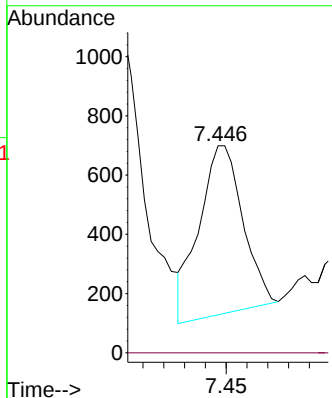
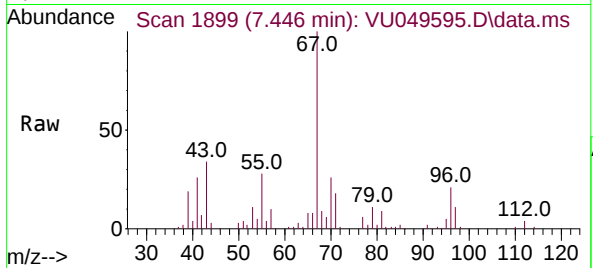
WC-14B-11-3-GR

Tgt Ion: 63 Resp: 837

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#



#59

2-Hexanone

Concen: 11.180 ug/l

RT: 8.761 min Scan# 2308

Delta R.T. 0.064 min

Lab File: VU049595.D

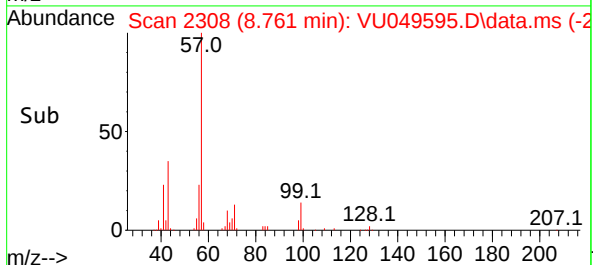
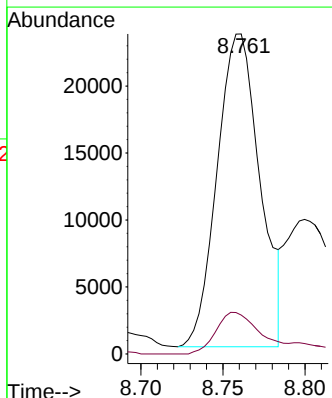
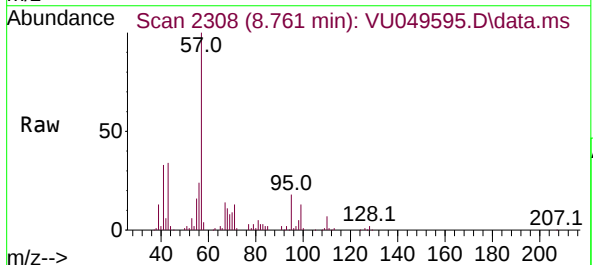
Acq: 01 Jul 2022 20:31

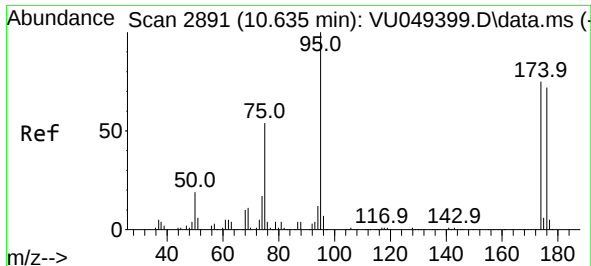
Tgt Ion: 43 Resp: 42364

Ion Ratio Lower Upper

43 100

58 13.9 30.3 90.8#

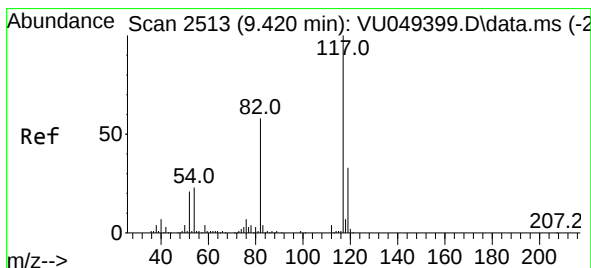
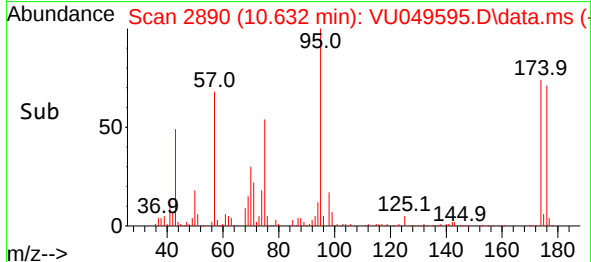
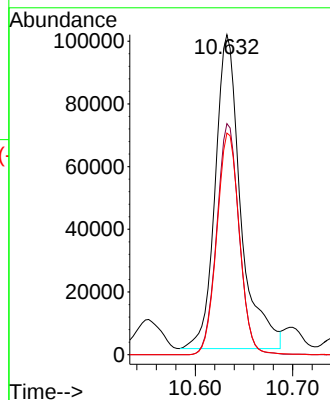
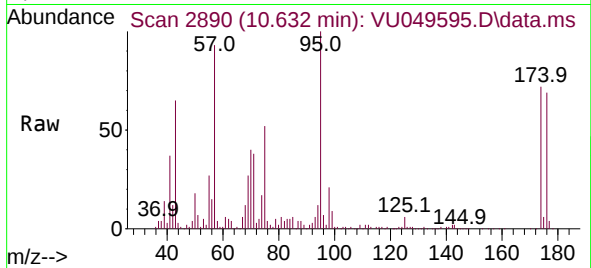




#62
4-Bromofluorobenzene
Concen: 53.843 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

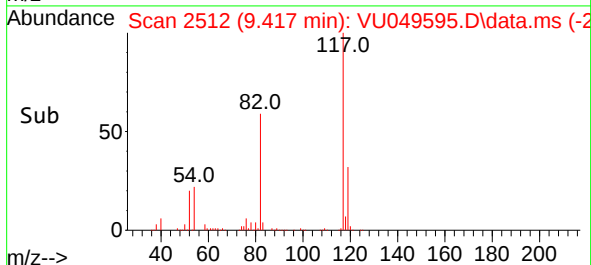
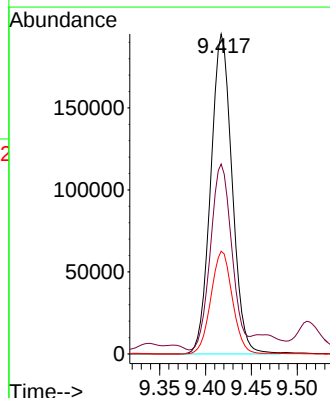
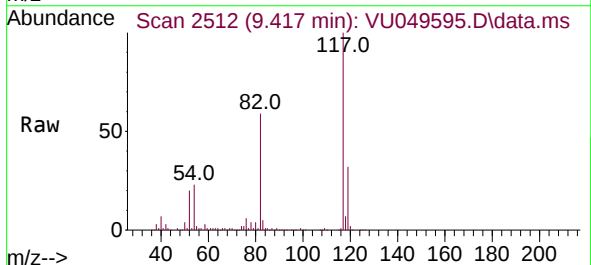
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

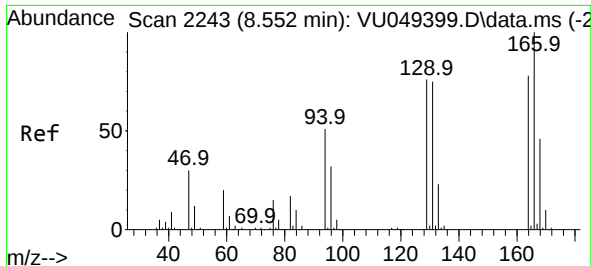
Tgt Ion: 95 Resp: 182439
Ion Ratio Lower Upper
95 100
174 64.3 0.0 182.0
176 62.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 117 Resp: 317269
Ion Ratio Lower Upper
117 100
82 56.9 41.7 62.5
119 32.1 25.7 38.5

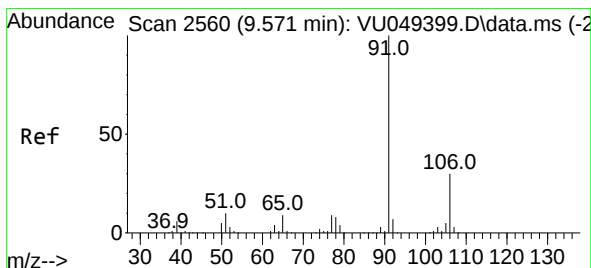
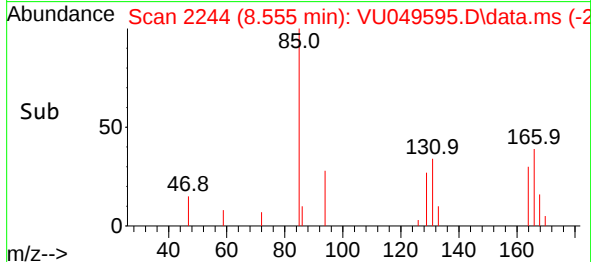
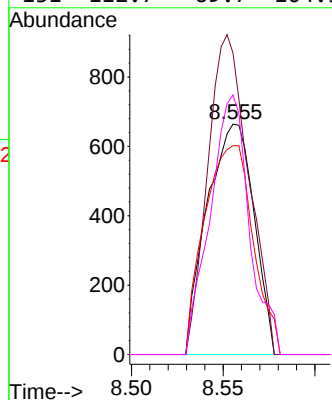
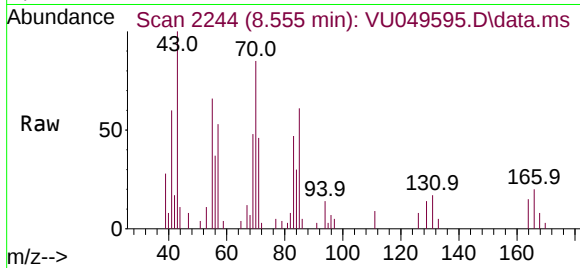




#64
Tetrachloroethene
Concen: 0.580 ug/l
RT: 8.555 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

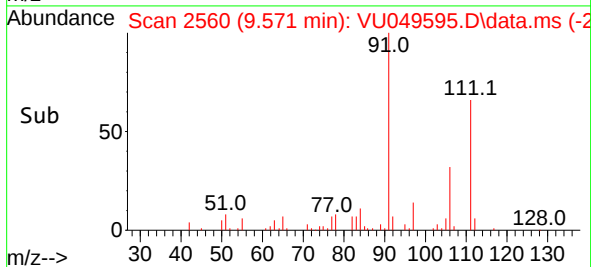
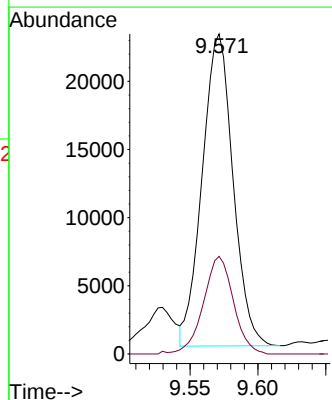
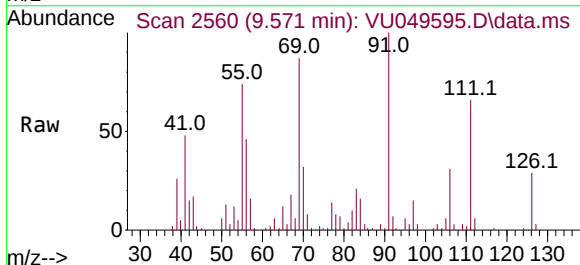
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

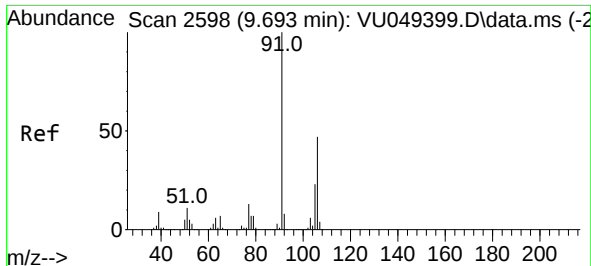
Tgt Ion:164 Resp: 1180
Ion Ratio Lower Upper
164 100
166 130.9 100.0 150.0
129 90.7 72.0 108.0
131 112.7 69.7 104.5#



#67
Ethyl Benzene
Concen: 3.030 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 91 Resp: 36085
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

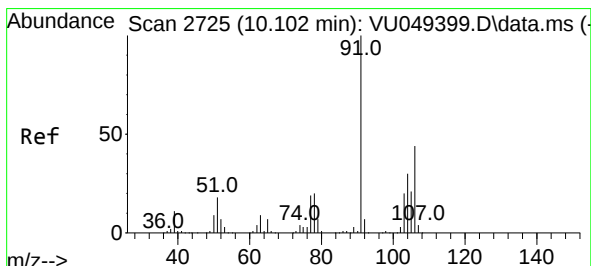
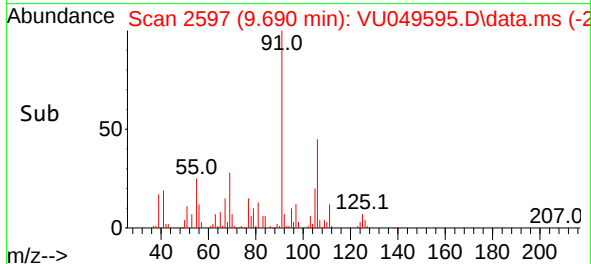
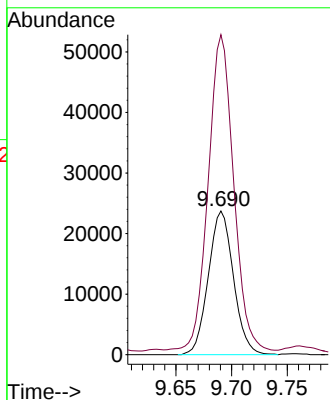
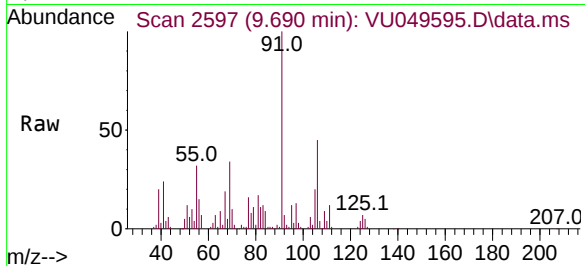




#68
m/p-Xylenes
Concen: 8.453 ug/l
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

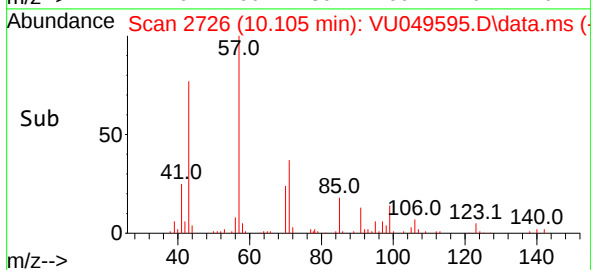
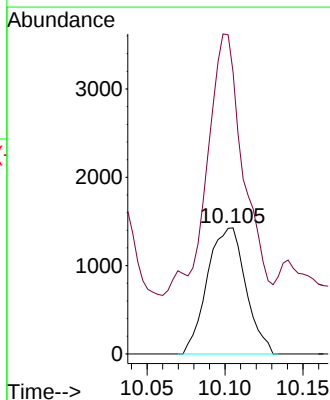
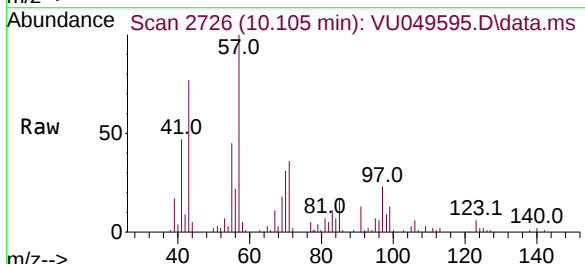
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

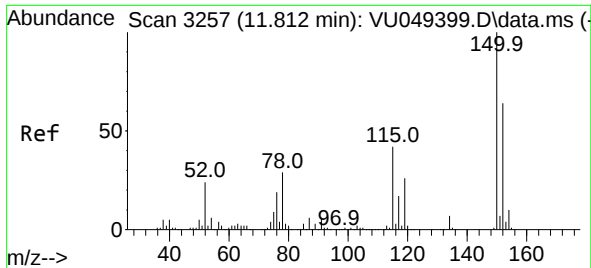
Tgt Ion:106 Resp: 37242
Ion Ratio Lower Upper
106 100
91 222.4 157.2 235.8



#69
o-Xylene
Concen: 0.559 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion:106 Resp: 2443
Ion Ratio Lower Upper
106 100
91 192.6 103.5 310.5

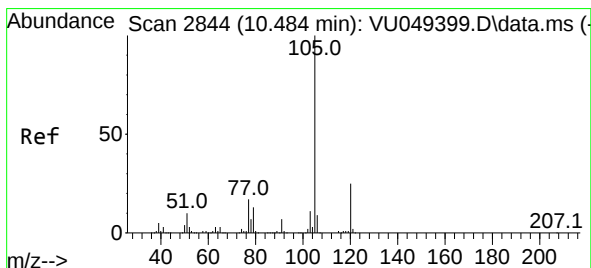
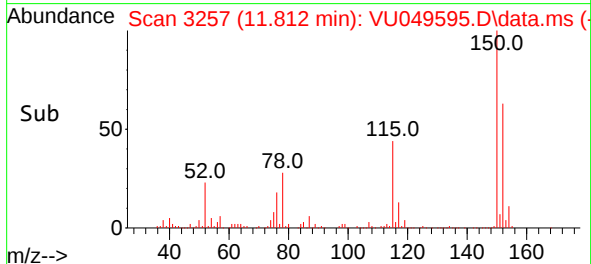
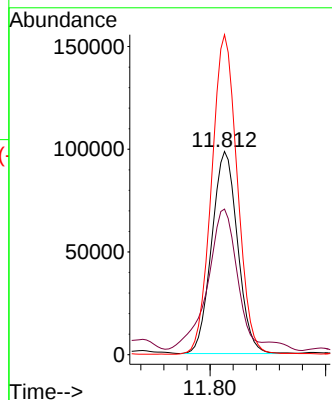
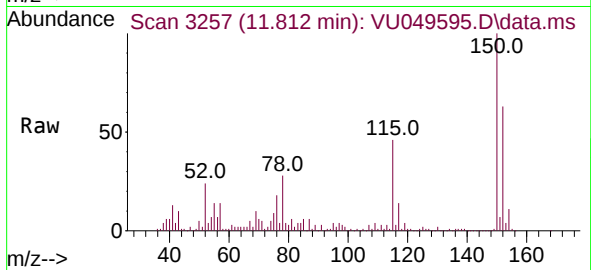




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

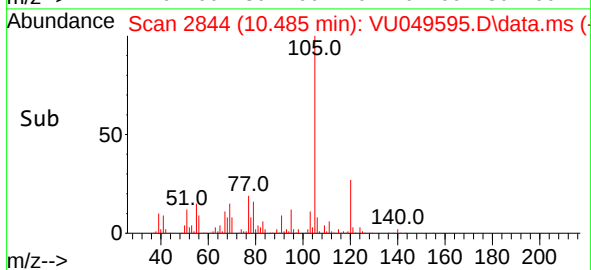
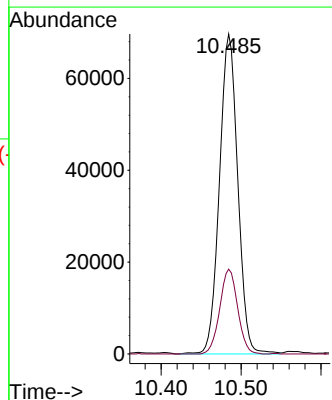
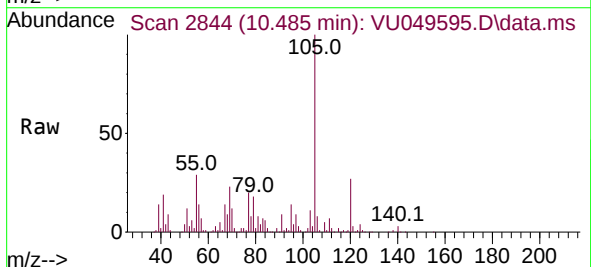
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

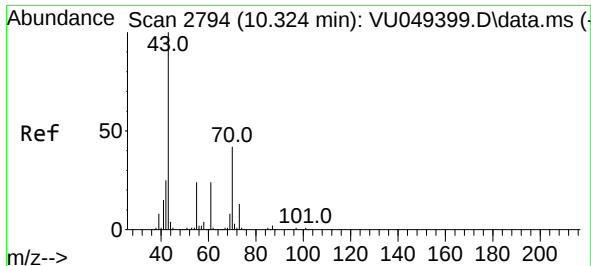
Tgt Ion:152 Resp: 152732
Ion Ratio Lower Upper
152 100
115 78.7 37.0 110.9
150 158.0 0.0 342.2



#73
Isopropylbenzene
Concen: 10.153 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion:105 Resp: 110461
Ion Ratio Lower Upper
105 100
120 25.8 13.8 41.4

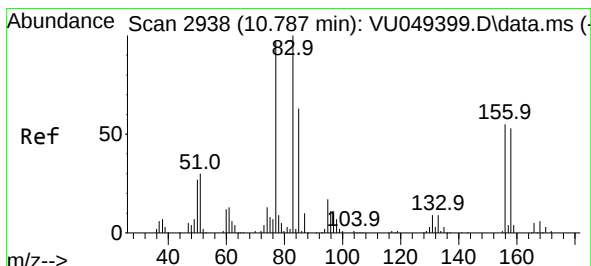
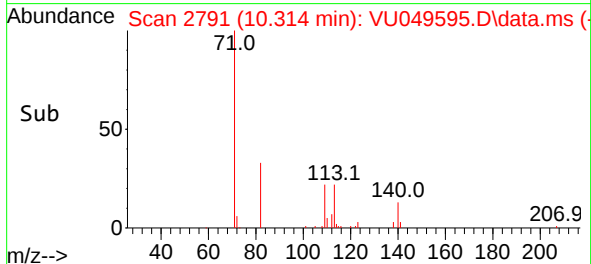
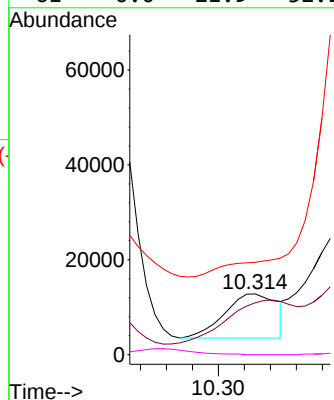
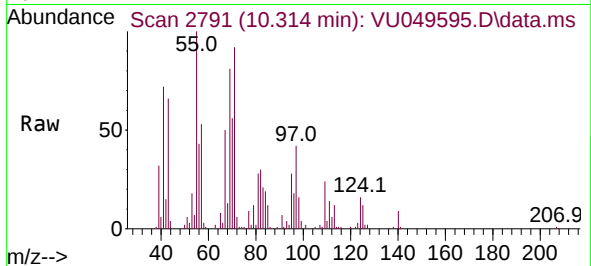




#74
N-amy1 acetate
Concen: 2.273 ug/l
RT: 10.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

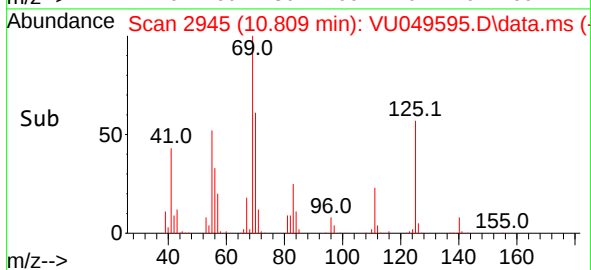
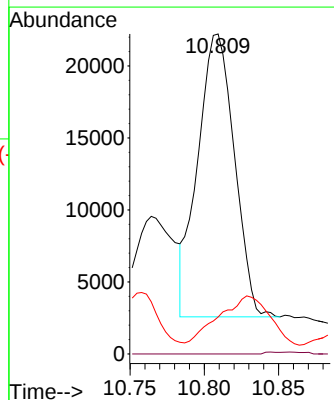
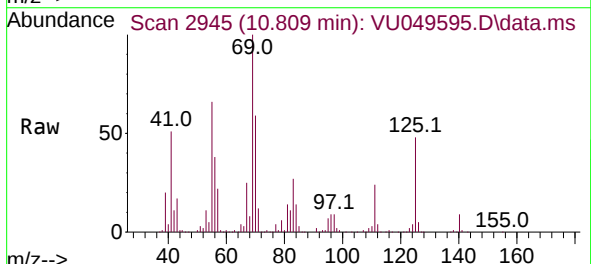
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

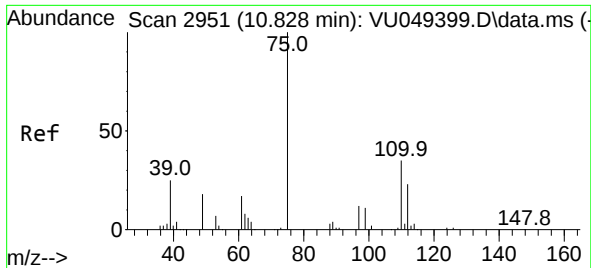
Tgt Ion: 43	Resp: 13086
Ion Ratio	Lower Upper
43 100	
70 125.3	38.7 58.1#
55 0.0	21.8 32.8#
61 0.0	21.9 32.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 7.311 ug/l
RT: 10.809 min Scan# 2945
Delta R.T. 0.023 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 83	Resp: 33694
Ion Ratio	Lower Upper
83 100	
131 0.0	5.1 15.4#
85 0.0	32.2 96.6#

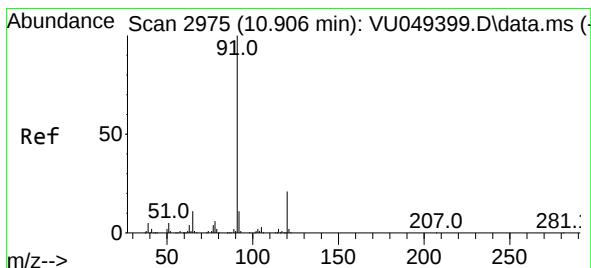
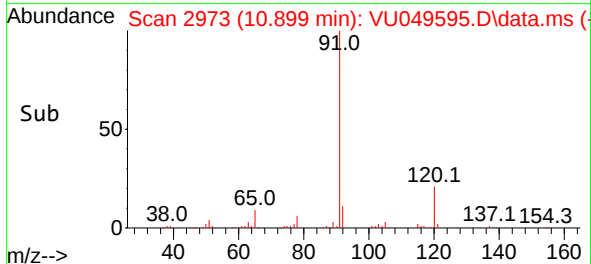
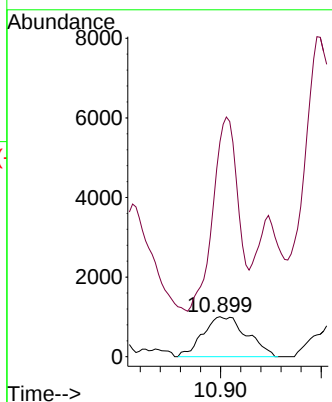
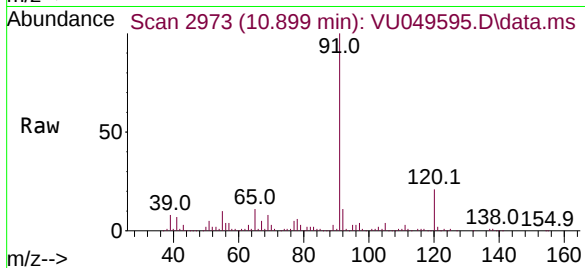




#76
1,2,3-Trichloropropane
Concen: 0.589 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.071 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

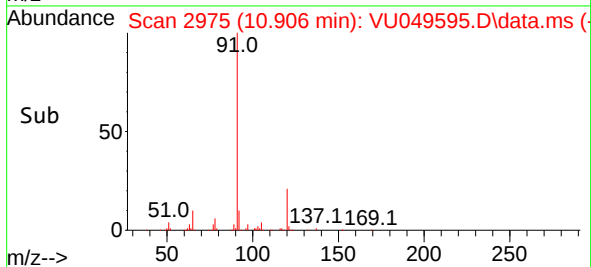
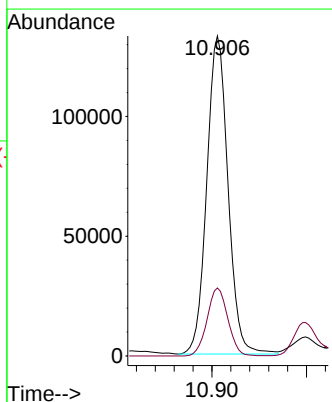
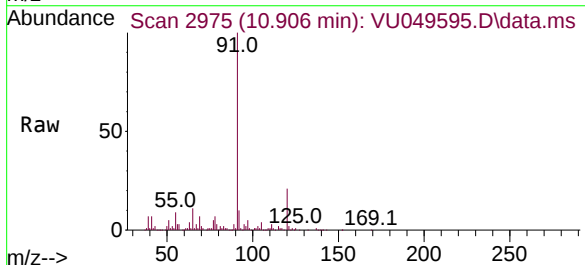
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

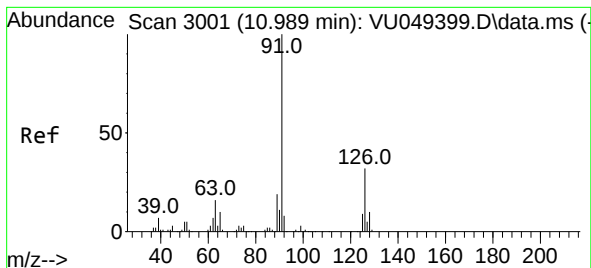
Tgt Ion: 75 Resp: 3049
Ion Ratio Lower Upper
75 100
77 279.3 15.8 47.3#



#78
n-propylbenzene
Concen: 15.700 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 91 Resp: 207567
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.758 ug/l

RT: 10.999 min Scan# 3001

Delta R.T. 0.010 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

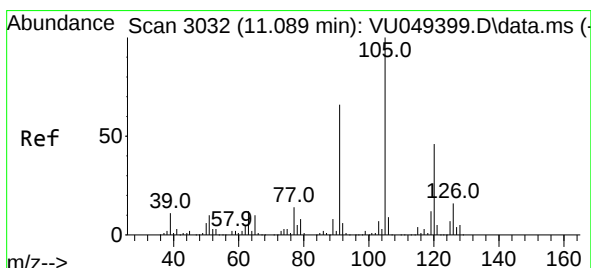
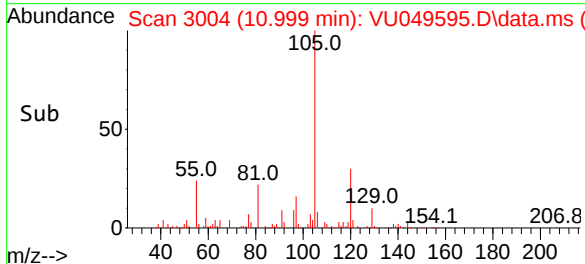
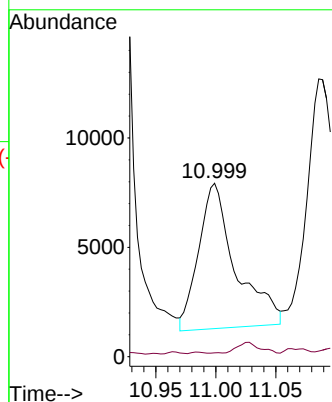
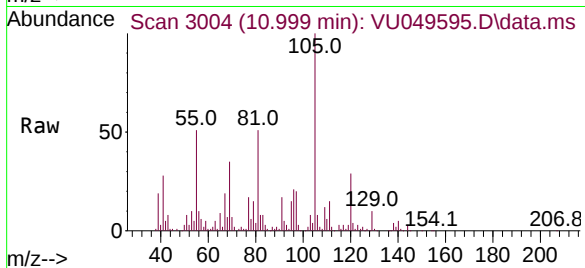
WC-14B-11-3-GR

Tgt Ion: 91 Resp: 14320

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.0#



#80

1,3,5-Trimethylbenzene

Concen: 16.608 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049595.D

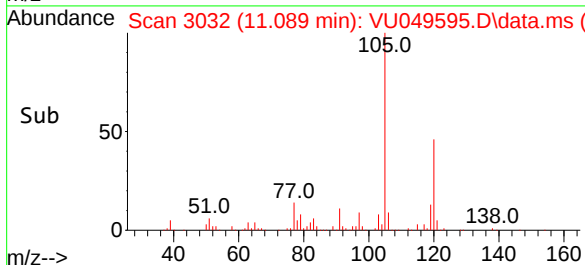
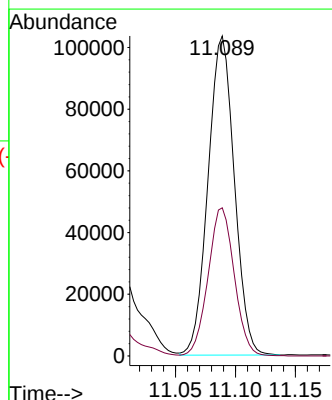
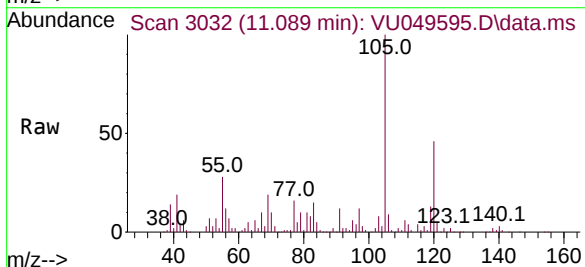
Acq: 01 Jul 2022 20:31

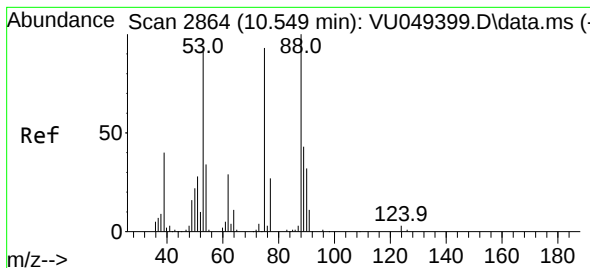
Tgt Ion:105 Resp: 157754

Ion Ratio Lower Upper

105 100

120 46.2 25.3 75.9

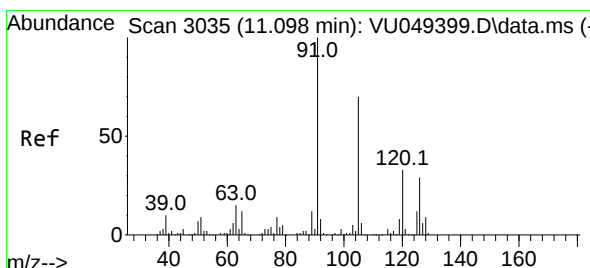
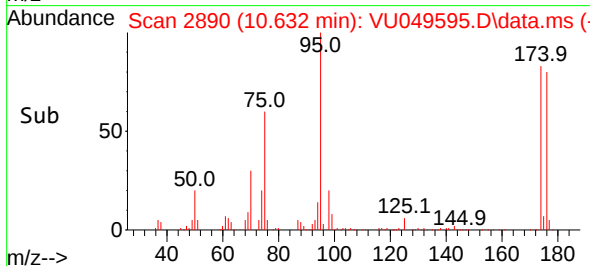
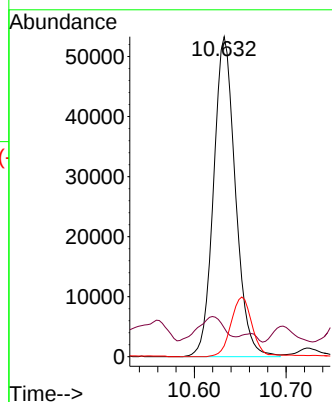
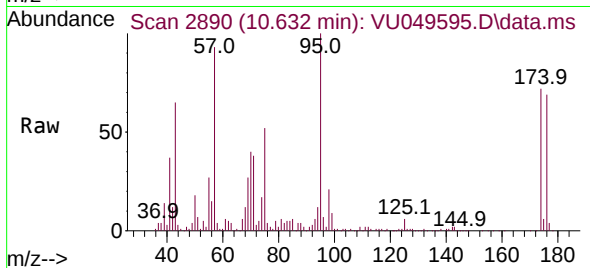




#81
trans-1,4-Dichloro-2-butene
Concen: 62.908 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

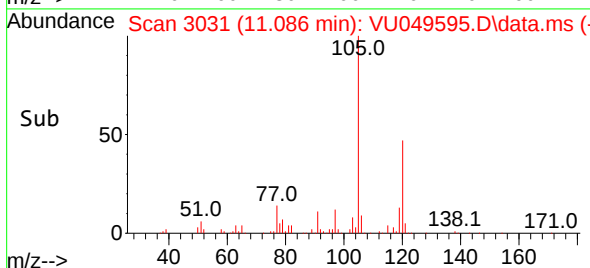
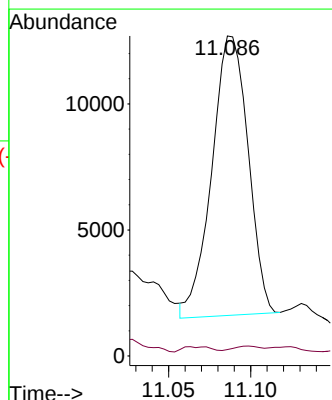
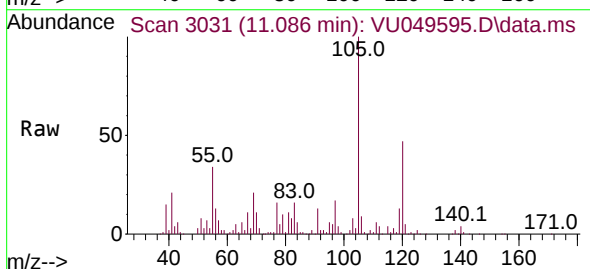
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

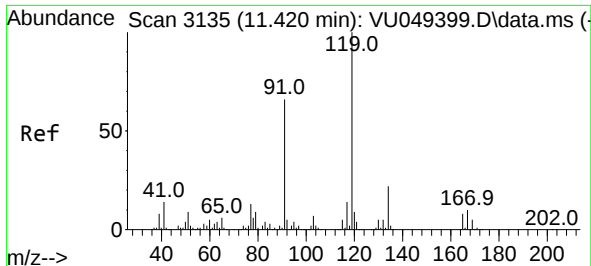
Tgt Ion: 75 Resp: 88198
Ion Ratio Lower Upper
75 100
53 8.4 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 1.860 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.013 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 91 Resp: 17036
Ion Ratio Lower Upper
91 100
126 1.1 16.1 48.2#

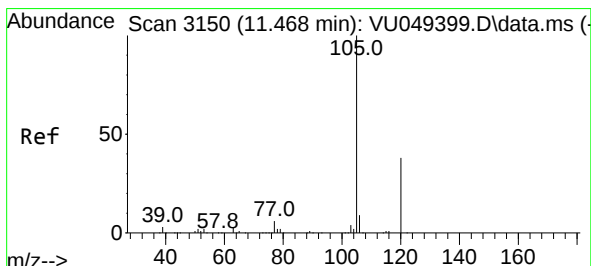
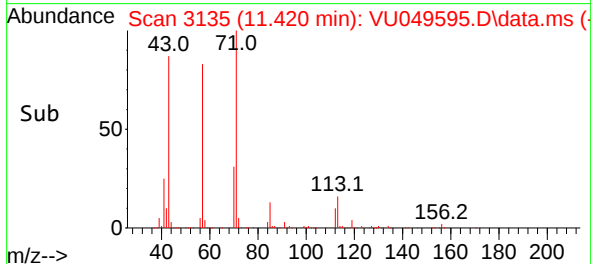
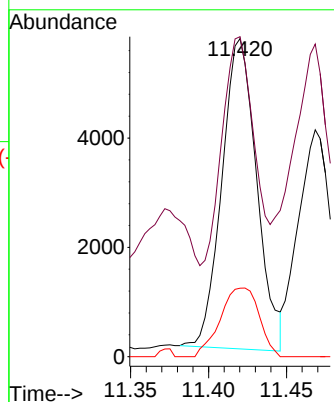
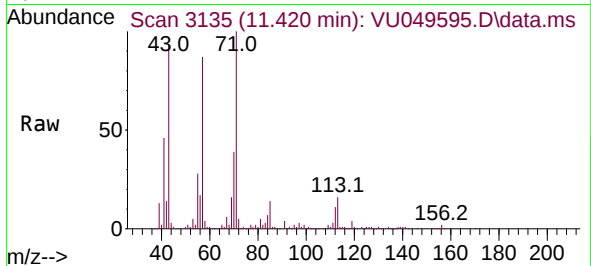




#83
tert-Butylbenzene
Concen: 0.943 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

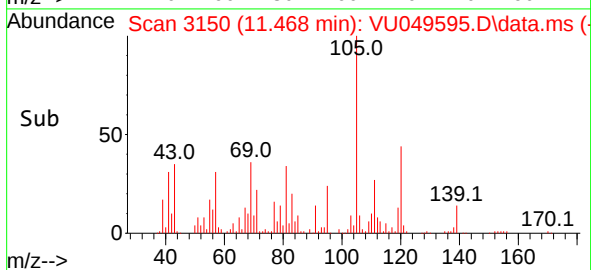
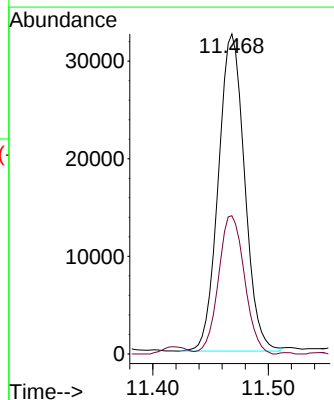
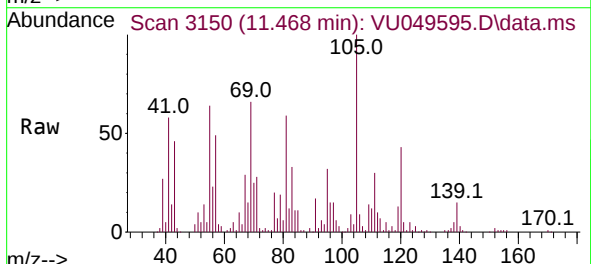
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

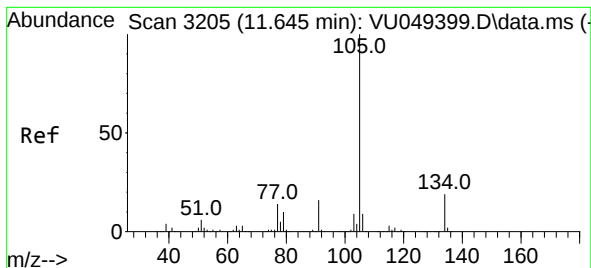
Tgt Ion:	119	Resp:	8808
Ion Ratio	Lower	Upper	
119	100		
91	66.7	26.8	80.3
134	24.7	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 5.499 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion:	105	Resp:	51315
Ion Ratio	Lower	Upper	
105	100		
120	43.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 7.860 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

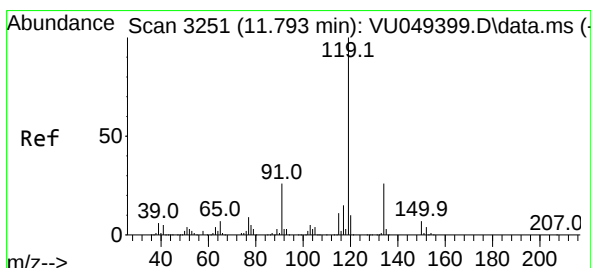
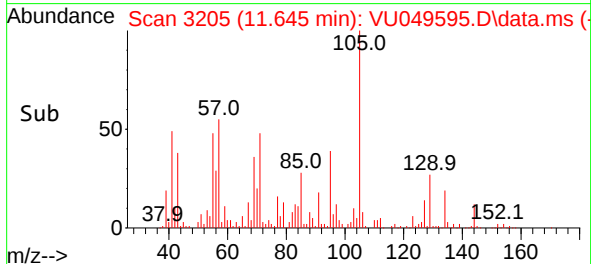
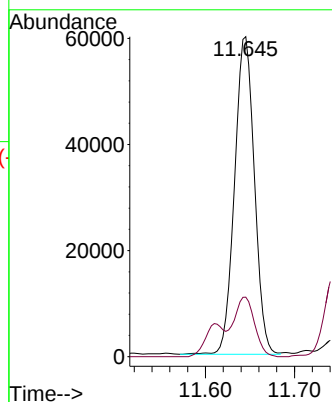
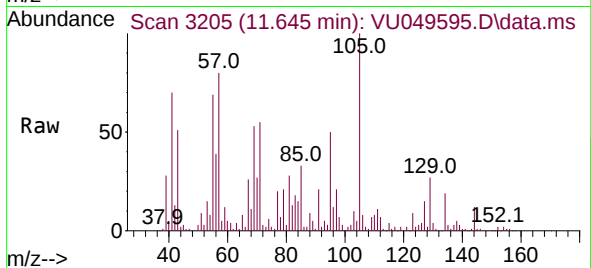
WC-14B-11-3-GR

Tgt Ion:105 Resp: 92323

Ion Ratio Lower Upper

105 100

134 18.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 6.101 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

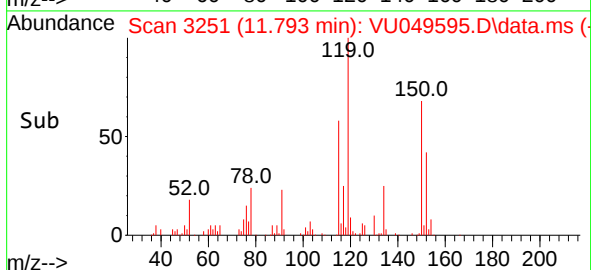
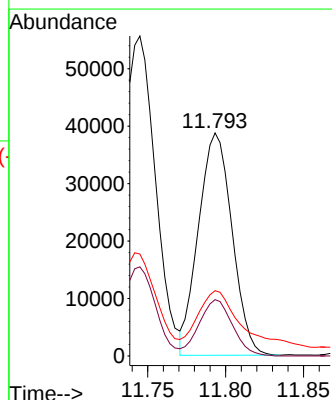
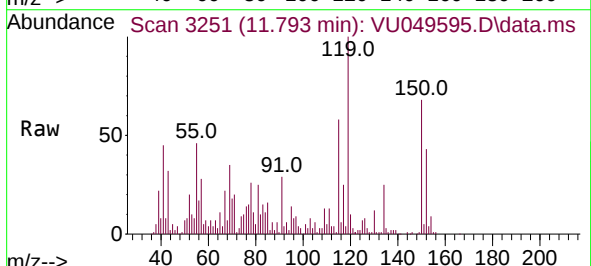
Tgt Ion:119 Resp: 57949

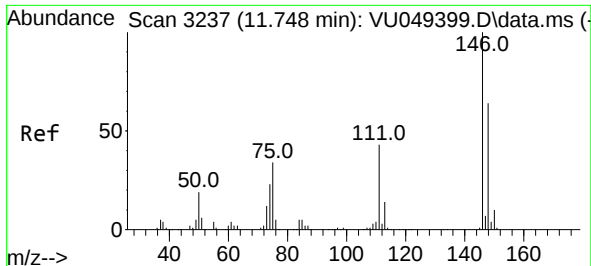
Ion Ratio Lower Upper

119 100

134 25.2 13.5 40.4

91 31.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 0.683 ug/l

RT: 11.761 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

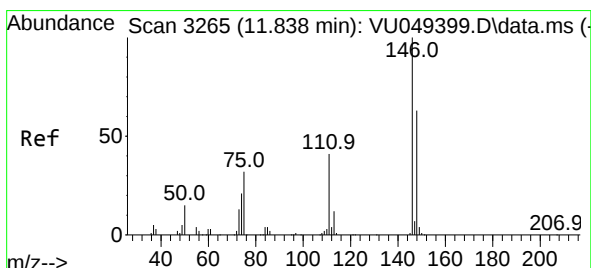
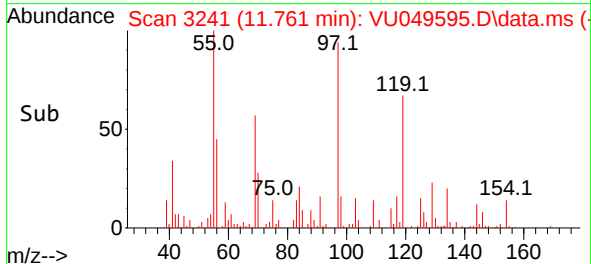
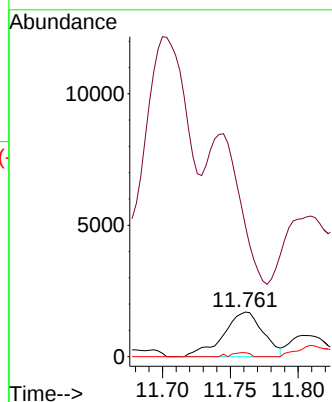
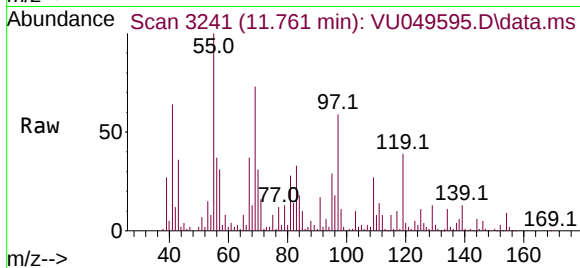
Tgt Ion:146 Resp: 3468

Ion Ratio Lower Upper

146 100

111 271.7 18.9 56.5#

148 4.2 31.9 95.9#



#88

1,4-Dichlorobenzene

Concen: 0.298 ug/l

RT: 11.803 min Scan# 3254

Delta R.T. -0.035 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

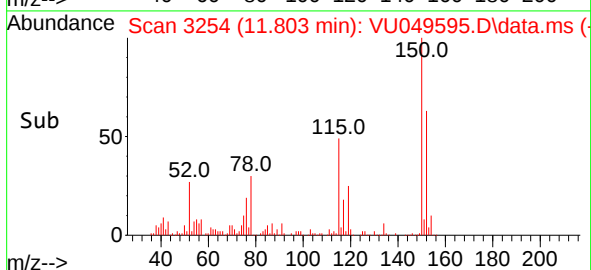
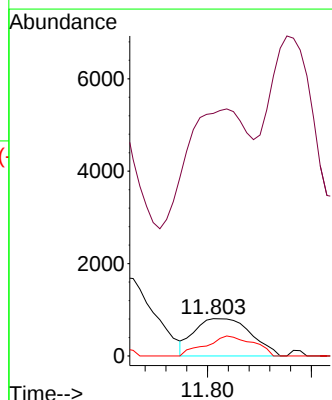
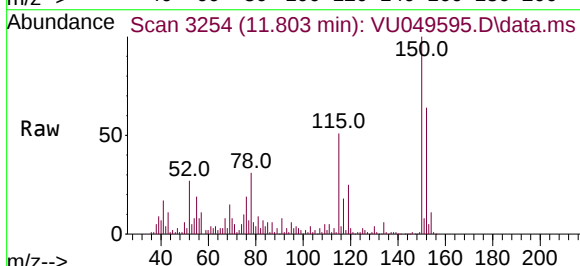
Tgt Ion:146 Resp: 1521

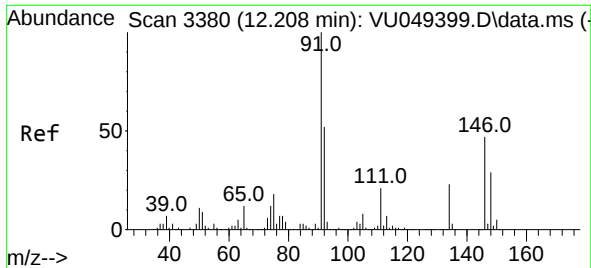
Ion Ratio Lower Upper

146 100

111 344.1 18.5 55.5#

148 45.2 31.9 95.7

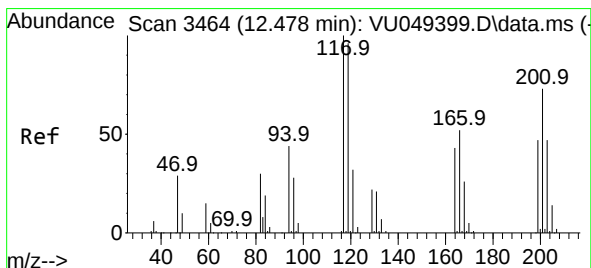
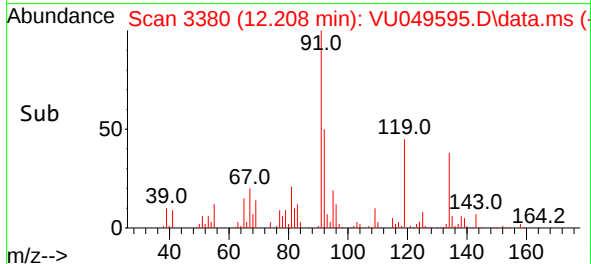
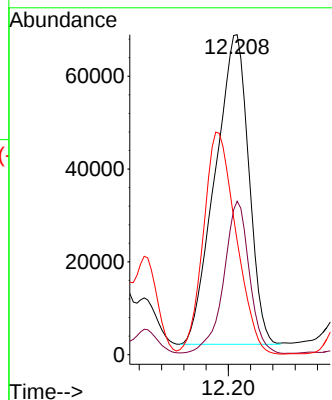
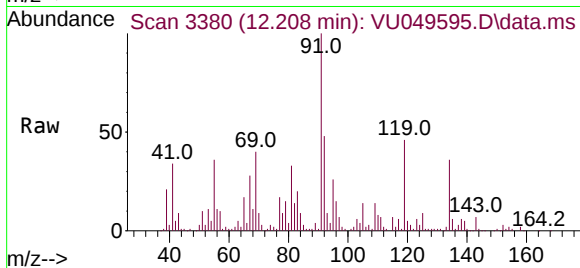




#89
n-Butylbenzene
Concen: 15.880 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

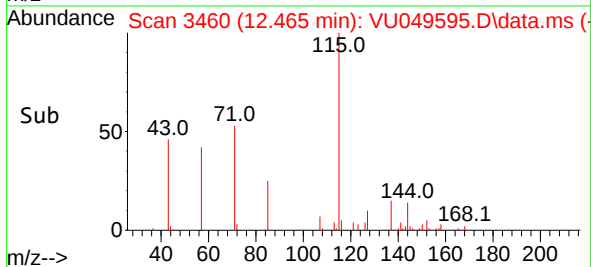
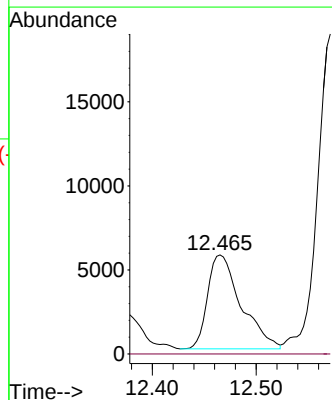
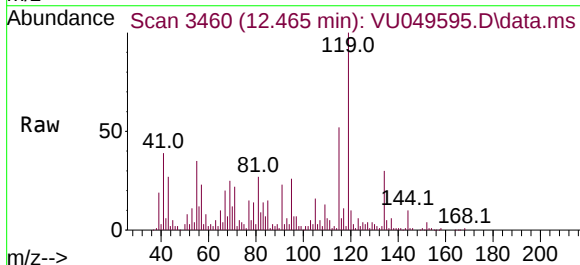
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

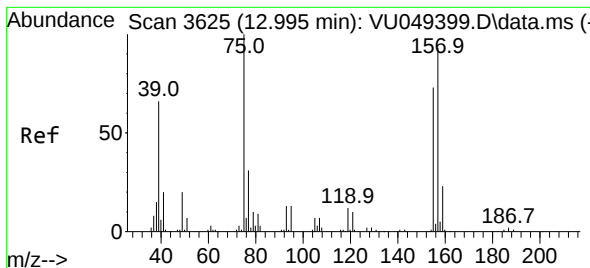
Tgt Ion: 91 Resp: 139631
Ion Ratio Lower Upper
91 100
92 37.5 26.2 78.6
134 69.7 13.5 40.4#



#90
Hexachloroethane
Concen: 6.628 ug/l
RT: 12.465 min Scan# 3460
Delta R.T. -0.013 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion: 117 Resp: 12540
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.543 ug/l

RT: 12.986 min Scan# 3622

Delta R.T. -0.009 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3-GR

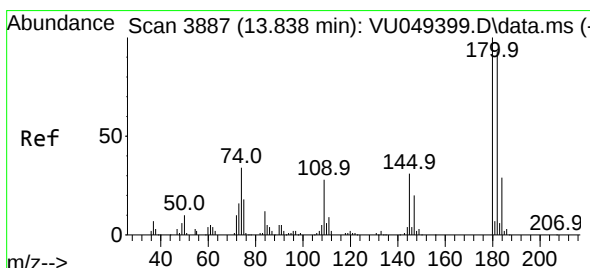
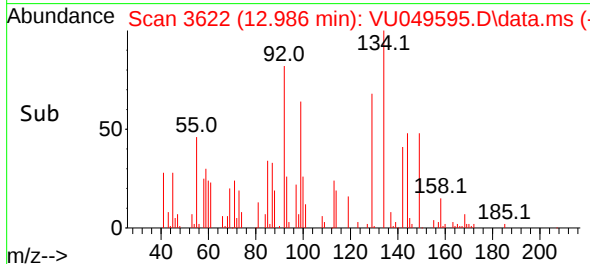
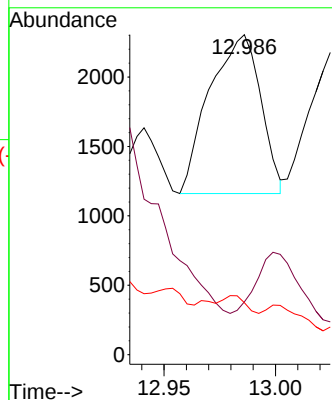
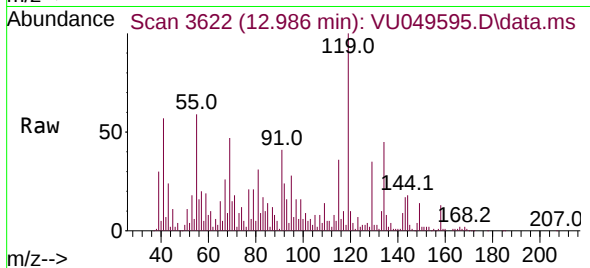
Tgt Ion: 75 Resp: 1823

Ion Ratio Lower Upper

75 100

155 36.4 47.8 143.4#

157 0.0 62.2 186.5#



#93

1,2,4-Trichlorobenzene

Concen: 1.763 ug/l

RT: 13.845 min Scan# 3889

Delta R.T. 0.007 min

Lab File: VU049595.D

Acq: 01 Jul 2022 20:31

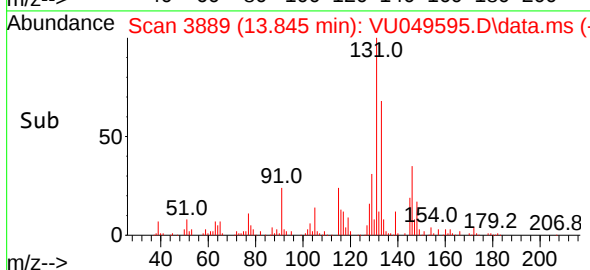
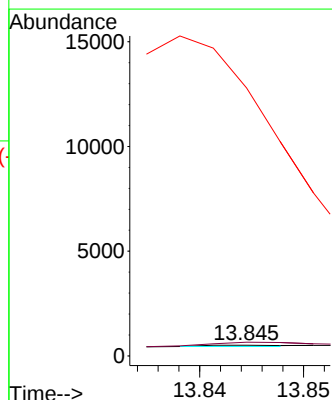
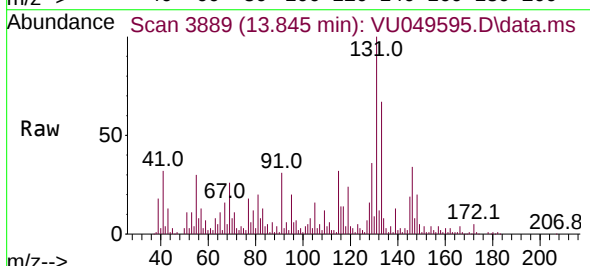
Tgt Ion:180 Resp: 33

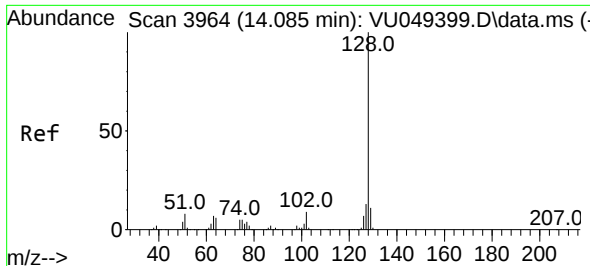
Ion Ratio Lower Upper

180 100

182 827.3 47.9 143.6#

145 70333.3 14.0 41.9#

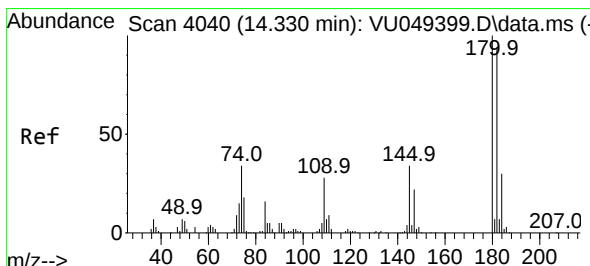
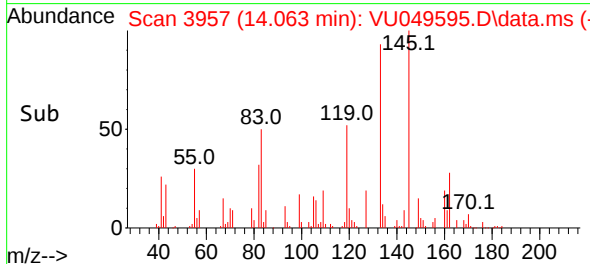
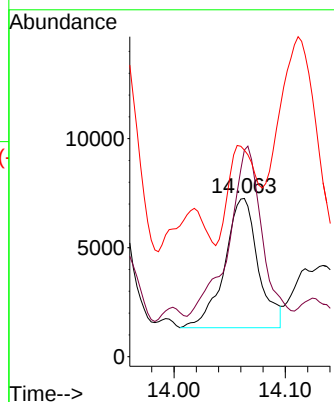
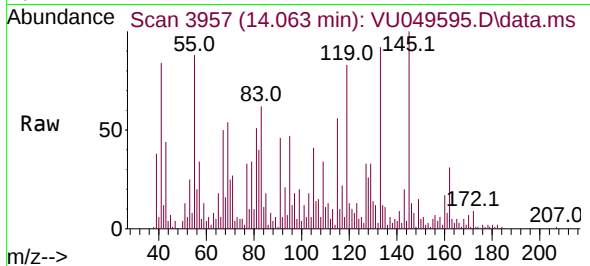




#95
Naphthalene
Concen: 2.743 ug/l
RT: 14.063 min Scan# 3964
Delta R.T. -0.022 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3-GR

Tgt Ion:128 Resp: 12469
Ion Ratio Lower Upper
128 100
127 126.2 10.3 15.5#
129 65.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.582 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.016 min
Lab File: VU049595.D
Acq: 01 Jul 2022 20:31

Tgt Ion:180 Resp: 1458
Ion Ratio Lower Upper
180 100
182 5.8 48.4 145.0#
145 4640.1 14.8 44.4#

