

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090622\
 Data File : VU050648.D
 Acq On : 06 Sep 2022 20:53
 Operator : SY/MD
 Sample : N4482-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW348

Quant Time: Sep 07 01:42:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

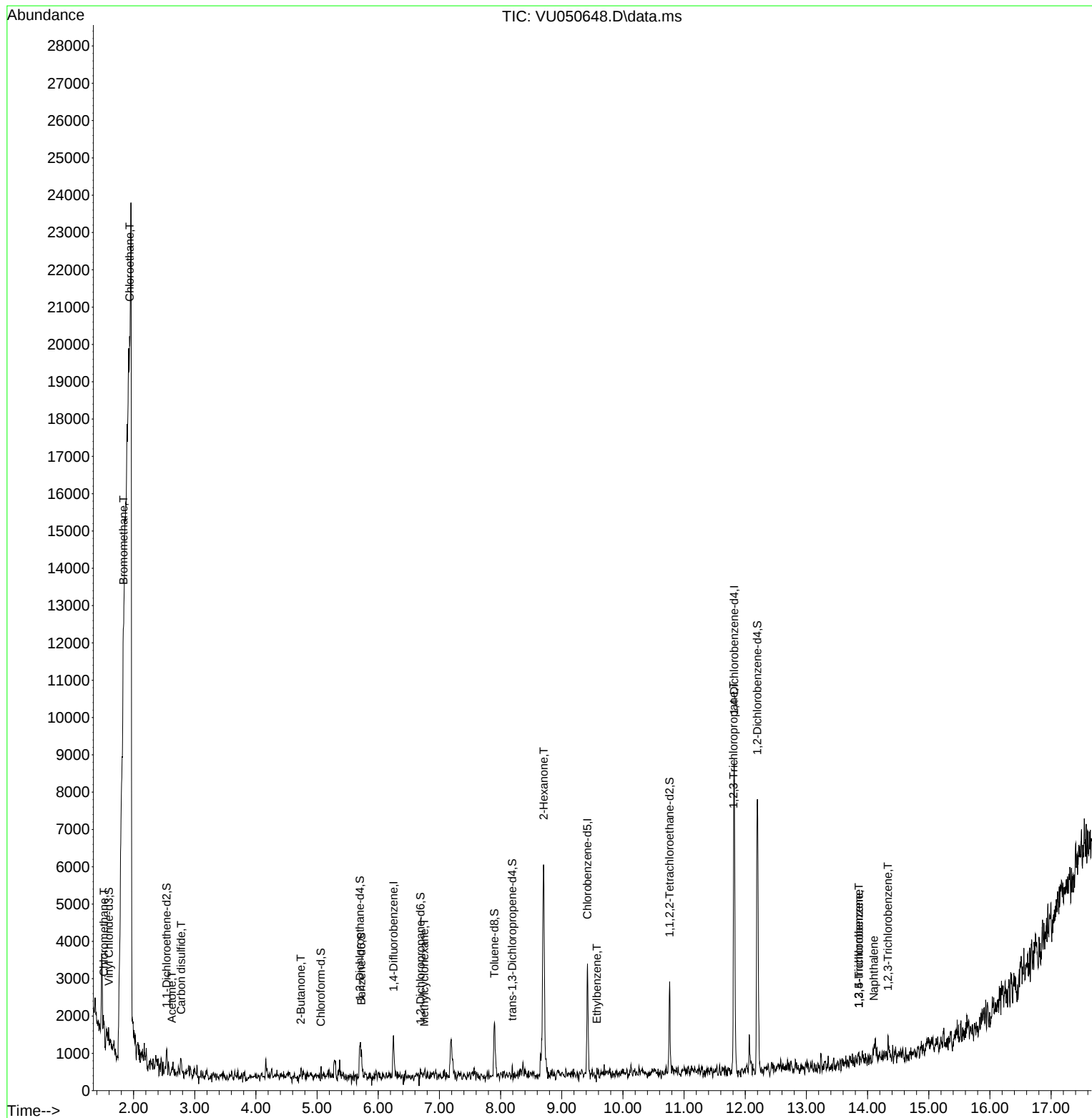
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	1165	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	2014	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	2684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	70	7.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	14.060%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	2.539	63	188	10.677	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	21.360%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.060	84	80	4.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	8.480%#
26) 1,2-Dichloroethane-d4	5.700	65	496	42.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.960%
32) Benzene-d6	5.726	84	246	3.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	7.400%#
36) 1,2-Dichloropropane-d6	6.690	67	98	4.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	8.960%#
41) Toluene-d8	7.899	98	1507	26.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	52.960%#
43) trans-1,3-Dichloroprop...	8.192	79	117	12.941	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	25.880%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	1525	46.117	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	2947	46.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	504	41.684	ug/L	94
6) Bromomethane	1.832	94	366	63.708	ug/L	82
8) Chloroethane	1.938	64	91	15.040	ug/L	# 43
13) Acetone	2.626	43	66	12.001	ug/L	# 37
14) Carbon disulfide	2.777	76	450	17.154	ug/L	# 75
22) 2-Butanone	4.736	43	90	10.464	ug/L	# 45
35) Methylcyclohexane	6.755	83	112	4.125	ug/L	# 47
48) 2-Hexanone	8.703	43	4356	176.914	ug/L	# 88
52) Ethylbenzene	9.575	91	72	0.979	ug/L	# 44
60) 1,2,3-Trichloropropane	11.809	75	145	1.841	ug/L	# 40
69) 1,3,5-Trichlorobenzene	13.857	180	124	1.828	ug/L	# 41
70) 1,2,4-trichlorobenzene	13.857	180	124	2.153	ug/L	# 39
71) Naphthalene	14.105	128	520	2.546	ug/L	# 70
72) 1,2,3-Trichlorobenzene	14.333	180	146	2.340	ug/L	# 72

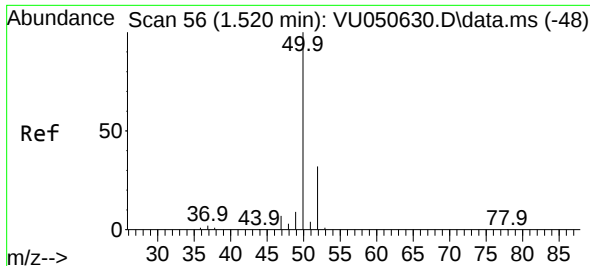
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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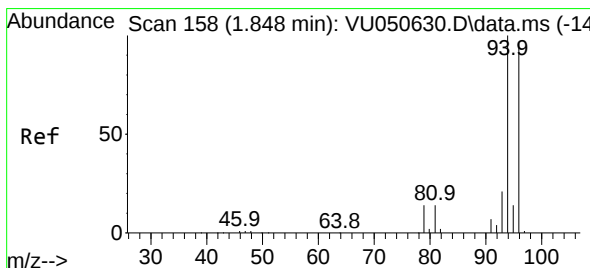
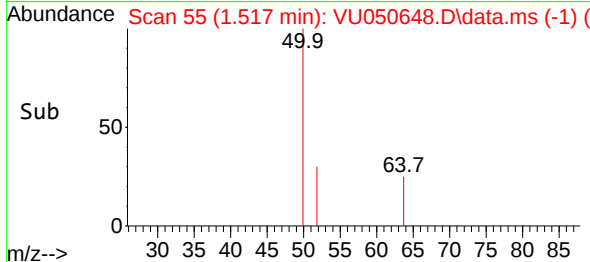
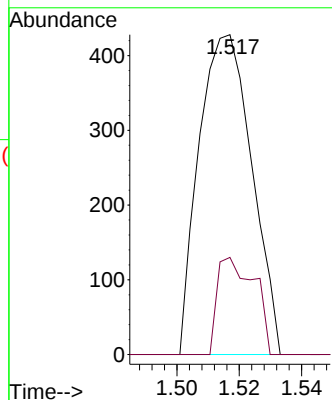
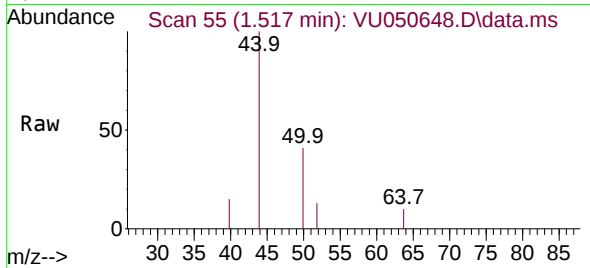




#3
Chloromethane
Concen: 41.684 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

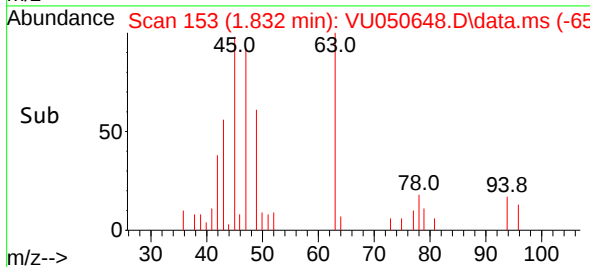
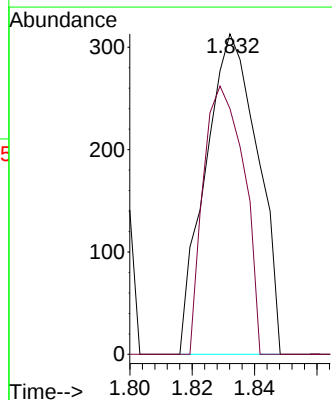
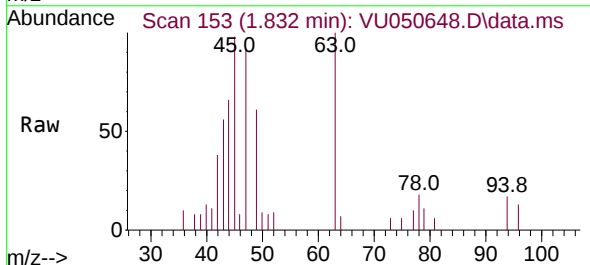
Instrument :
MSVOA_U
ClientSampleId :
EW348

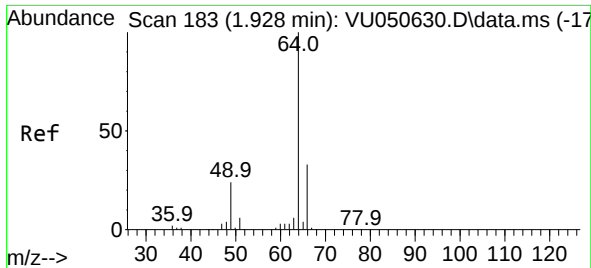
Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 30.4 23.7 43.9



#6
Bromomethane
Concen: 63.708 ug/L
RT: 1.832 min Scan# 153
Delta R.T. -0.016 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 76.7 65.6 121.8

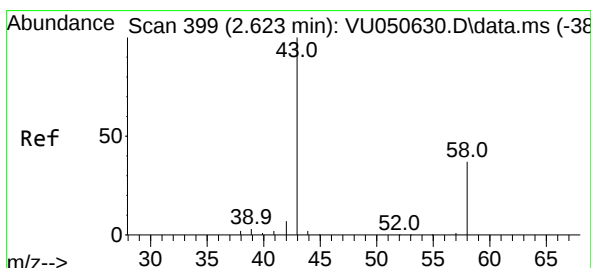
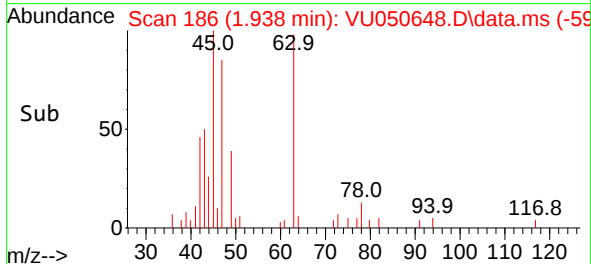
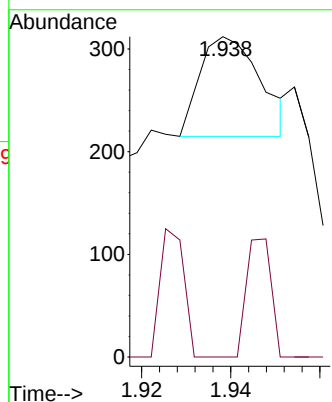
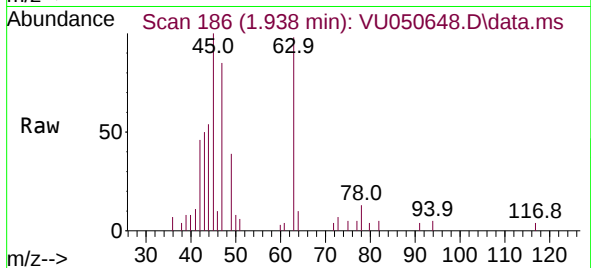




#8
Chloroethane
Concen: 15.040 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

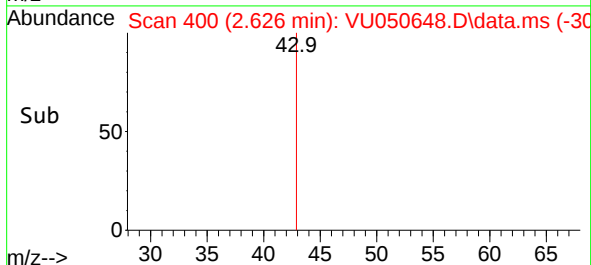
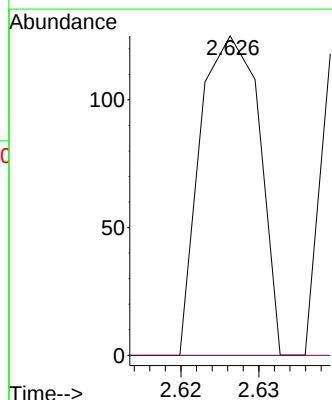
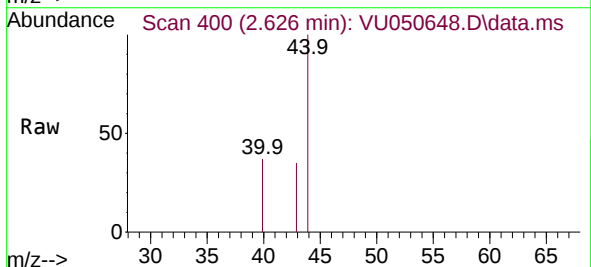
Instrument :
MSVOA_U
ClientSampleId :
EW348

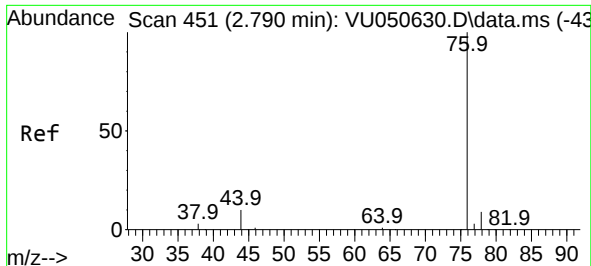
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 21.9 40.7#



#13
Acetone
Concen: 12.001 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 0.0 76.2

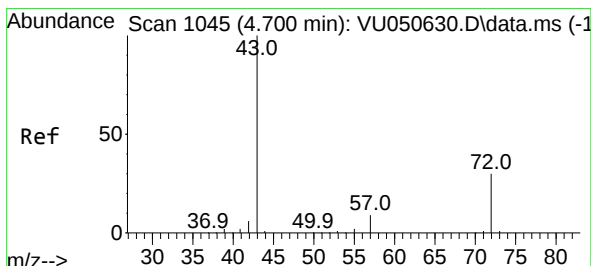
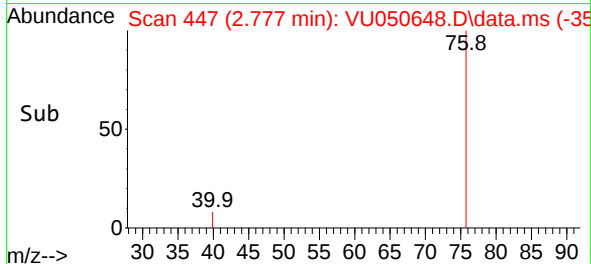
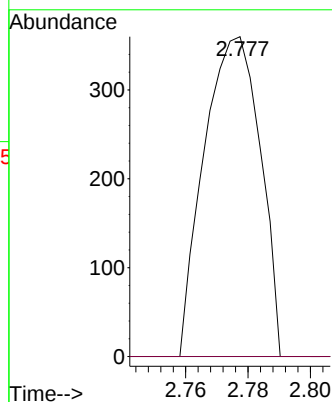
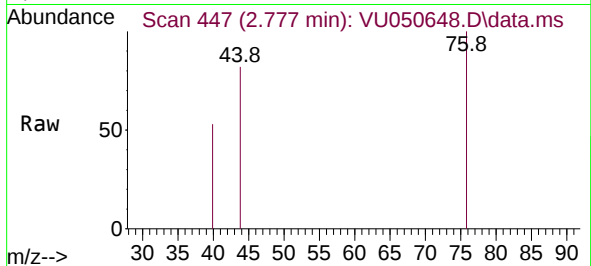




#14
Carbon disulfide
Concen: 17.154 ug/L
RT: 2.777 min Scan# 447
Delta R.T. -0.013 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

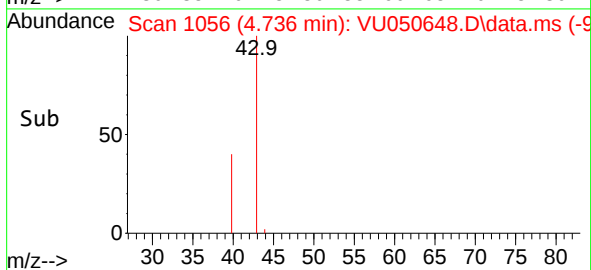
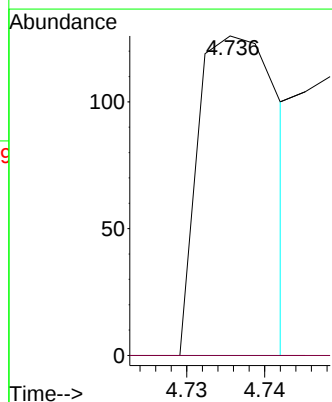
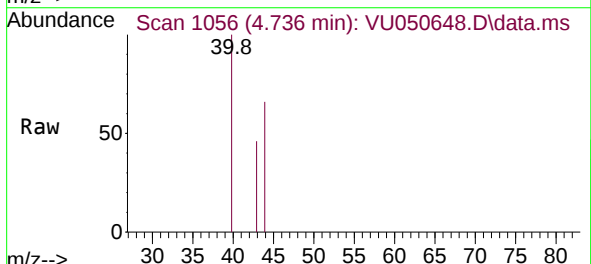
Instrument :
MSVOA_U
ClientSampleId :
EW348

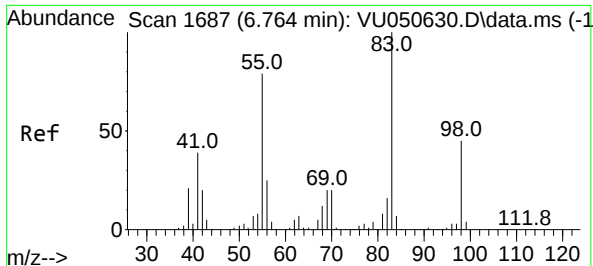
Tgt Ion: 76 Resp: 450
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#22
2-Butanone
Concen: 10.464 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.036 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
72 0.0 14.6 44.0#





#35

Methylcyclohexane

Concen: 4.125 ug/L

RT: 6.755 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU050648.D

Acq: 06 Sep 2022 20:53

Instrument :

MSVOA_U

ClientSampleId :

EW348

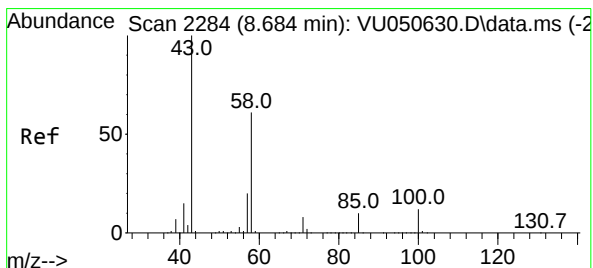
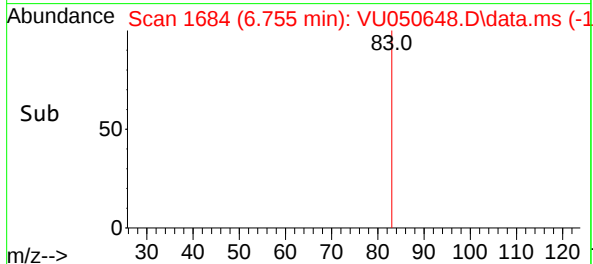
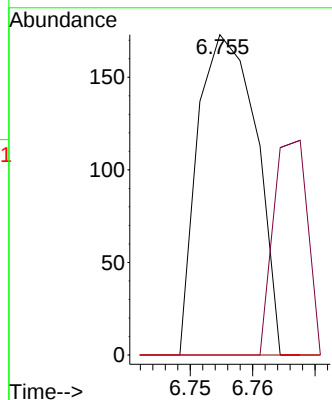
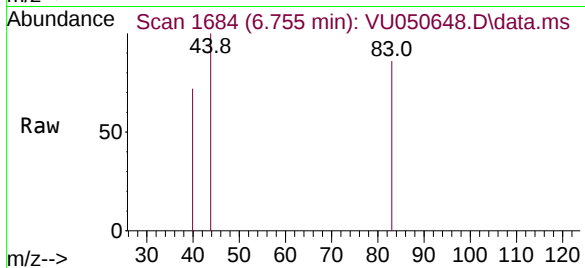
Tgt Ion: 83 Resp: 112

Ion Ratio Lower Upper

83 100

55 39.3 62.6 93.8#

98 0.0 35.5 53.3#



#48

2-Hexanone

Concen: 176.914 ug/L

RT: 8.703 min Scan# 2290

Delta R.T. 0.020 min

Lab File: VU050648.D

Acq: 06 Sep 2022 20:53

Tgt Ion: 43 Resp: 4356

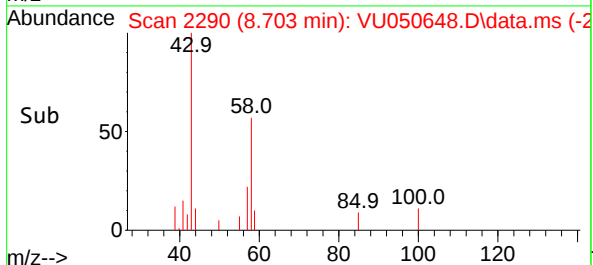
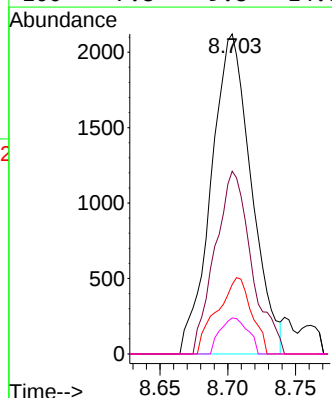
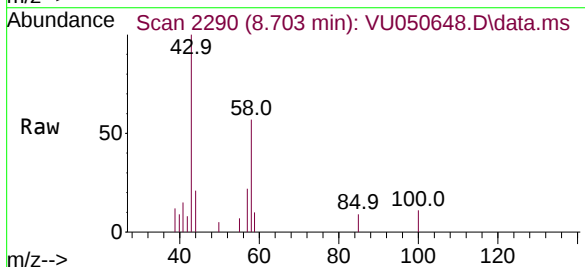
Ion Ratio Lower Upper

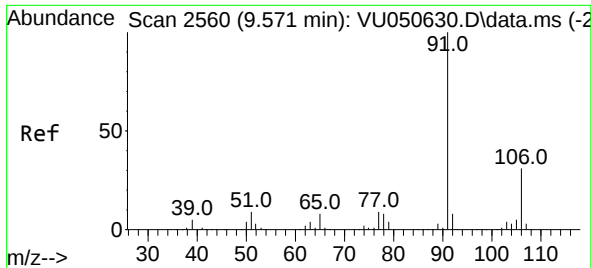
43 100

58 52.1 51.8 77.6

57 20.3 17.0 25.4

100 7.8 9.8 14.8#

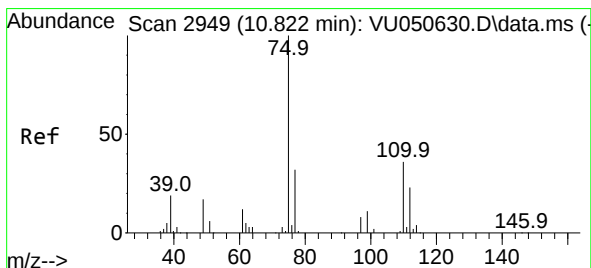
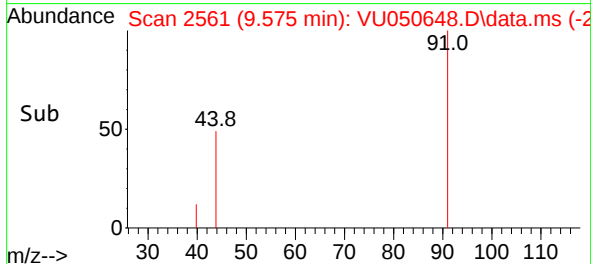
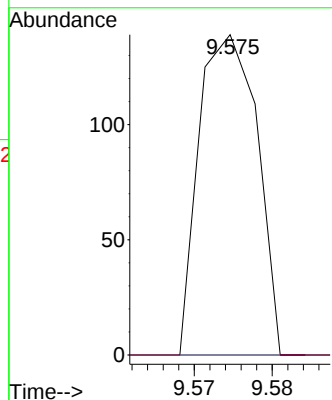
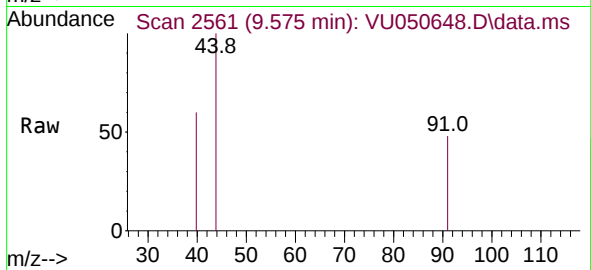




#52
Ethylbenzene
Concen: 0.979 ug/L
RT: 9.575 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

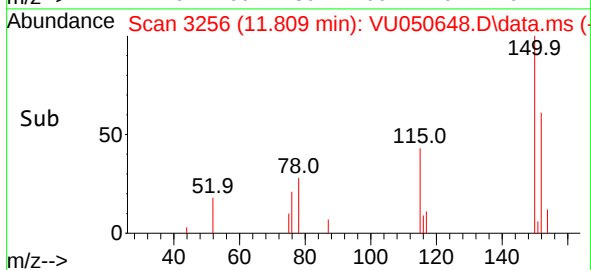
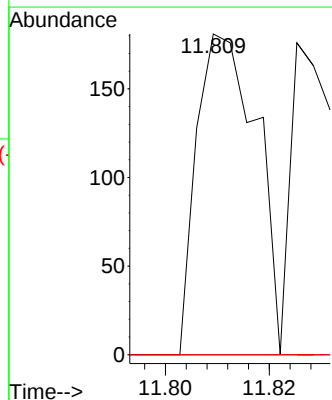
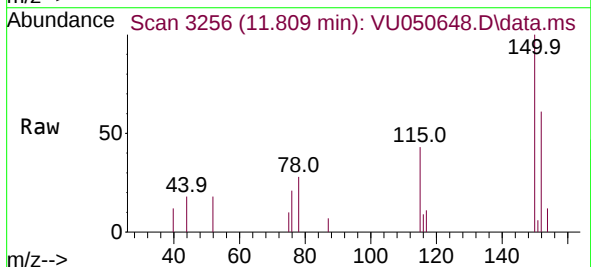
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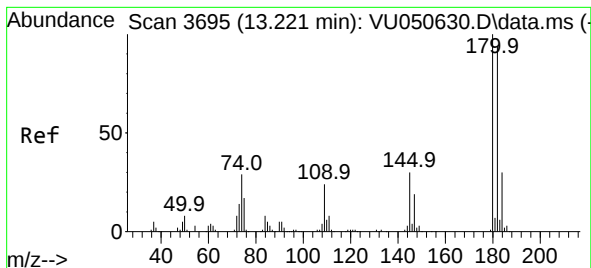
Tgt Ion: 91 Resp: 72
Ion Ratio Lower Upper
91 100
106 0.0 21.2 39.4#



#60
1,2,3-Trichloropropane
Concen: 1.841 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.3 43.9#





#69

1,3,5-Trichlorobenzene

Concen: 1.828 ug/L

RT: 13.857 min Scan# 3893

Delta R.T. 0.637 min

Lab File: VU050648.D

Acq: 06 Sep 2022 20:53

Instrument :

MSVOA_U

ClientSampleId :

EW348

Tgt Ion:180 Resp: 124

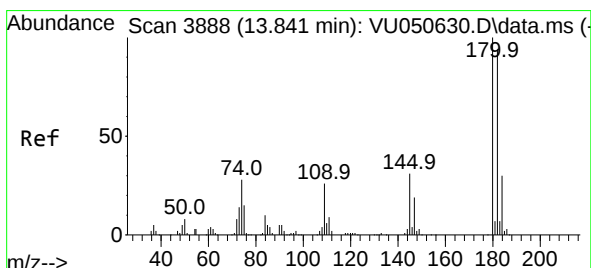
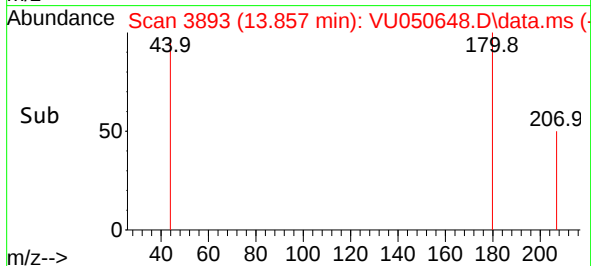
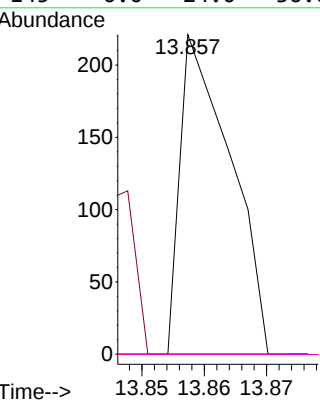
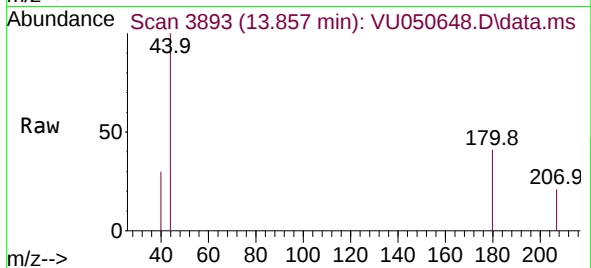
Ion Ratio Lower Upper

180 100

182 34.7 75.3 112.9#

184 0.0 23.8 35.8#

145 0.0 24.0 36.0#



#70

1,2,4-trichlorobenzene

Concen: 2.153 ug/L

RT: 13.857 min Scan# 3893

Delta R.T. 0.016 min

Lab File: VU050648.D

Acq: 06 Sep 2022 20:53

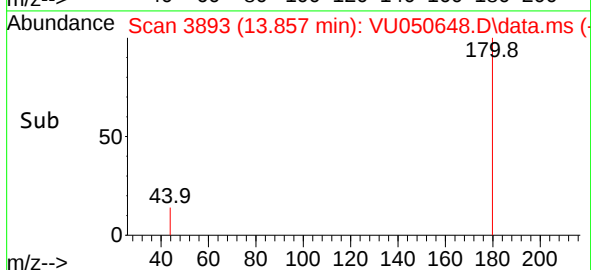
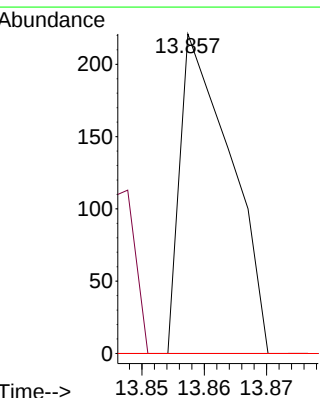
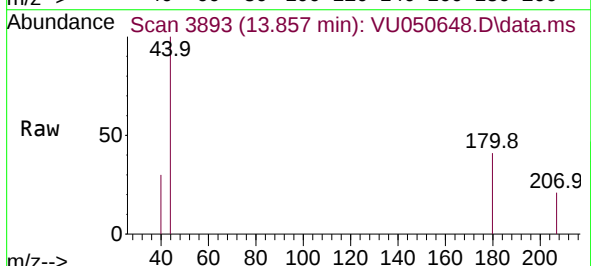
Tgt Ion:180 Resp: 124

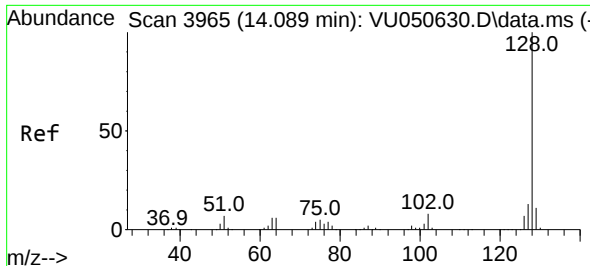
Ion Ratio Lower Upper

180 100

182 34.7 76.2 114.2#

145 0.0 24.7 37.1#

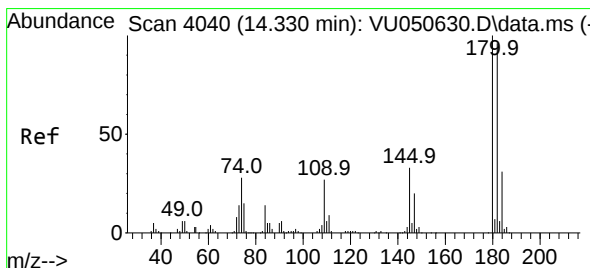
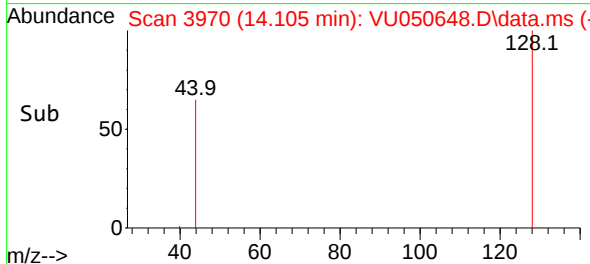
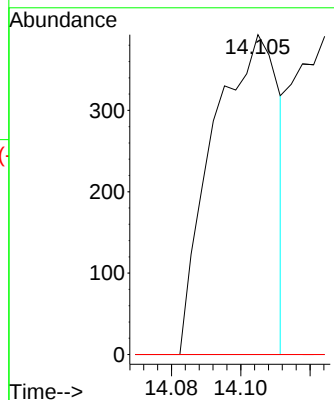
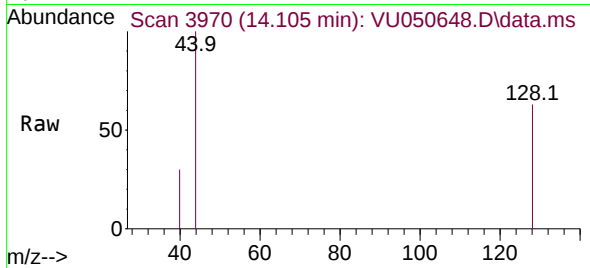




#71
Naphthalene
Concen: 2.546 ug/L
RT: 14.105 min Scan# 3965
Delta R.T. 0.016 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Instrument :
MSVOA_U
ClientSampleId :
EW348

Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
127 0.0 10.1 15.1#
129 0.0 8.4 12.6#



#72
1,2,3-Trichlorobenzene
Concen: 2.340 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050648.D
Acq: 06 Sep 2022 20:53

Tgt Ion:180 Resp: 146
Ion Ratio Lower Upper
180 100
182 111.6 76.1 114.1
145 0.0 26.4 39.6#

