

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042813.D
 Acq On : 29 Mar 2021 13:50
 Operator : SY/MD
 Sample : M1846-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33

Quant Time: Mar 30 01:43:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

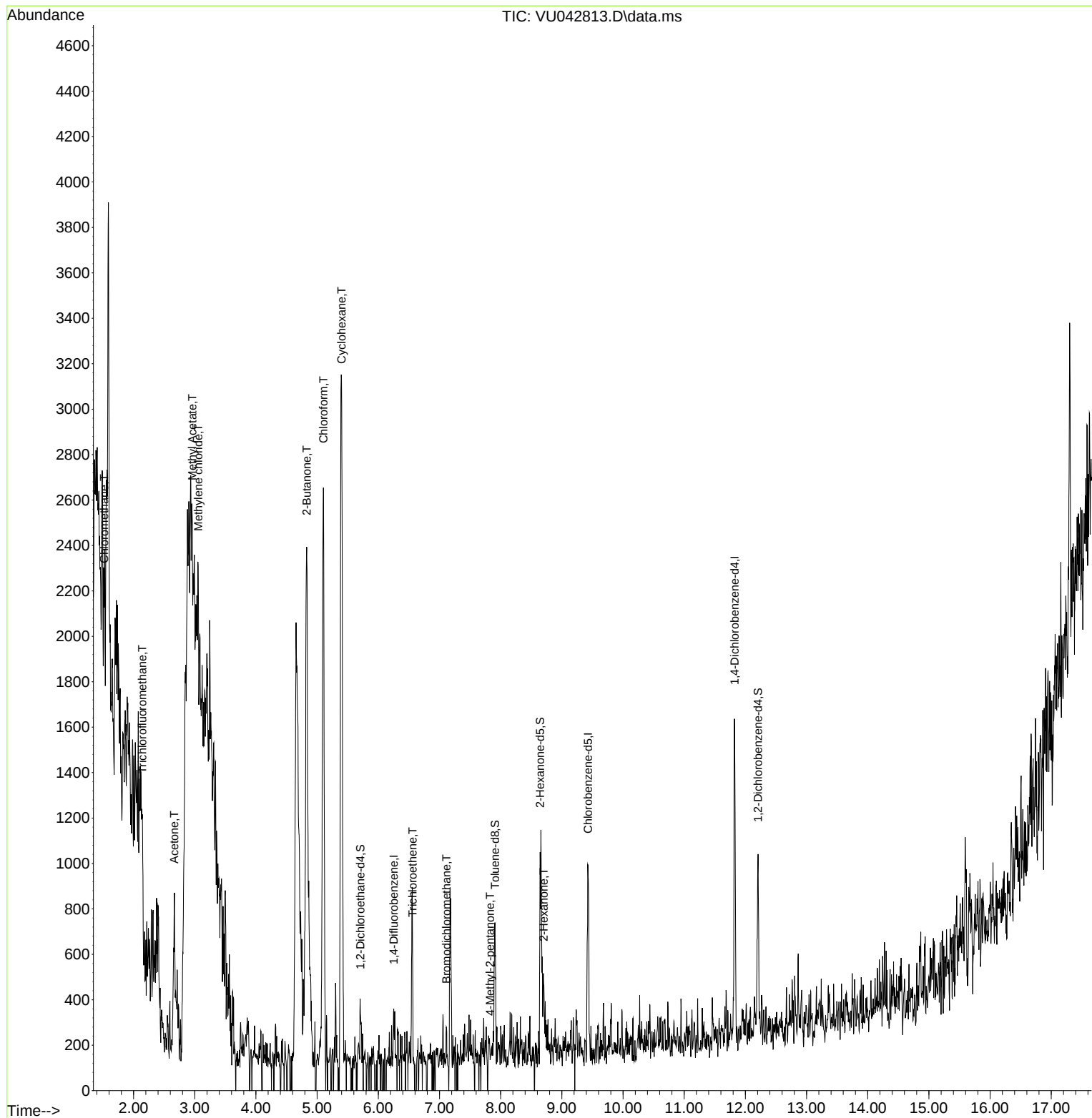
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	425	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.430	117	565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.825	152	450	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	0.000	69	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	0.000	63	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	0.000	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	0.000	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	5.707	65	288	8.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	167.00%#
32) Benzene-d6	0.000	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.00	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.00%#
41) Toluene-d8	7.909	98	565	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.645	63	104	10.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	20.80%#
57) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.00%#
64) 1,2-Dichlorobenzene-d4	12.205	152	233	2.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	57.20%#
Target Compounds						Qvalue
3) Chloromethane	1.520	50	340	9.08	ug/L	# 42
9) Trichlorofluoromethane	2.141	101	40	0.65	ug/L	# 18
13) Acetone	2.665	43	877	122.34	ug/L	69
15) Methyl Acetate	2.961	43	204	11.45	ug/L	# 55
16) Methylene chloride	3.057	84	41	1.14	ug/L	# 64
21) 2-Butanone	4.832	43	3753	307.98	ug/L	# 52
25) Chloroform	5.102	83	2144	33.61	ug/L	91
30) Cyclohexane	5.401	56	1643	20.95	ug/L	95
34) Trichloroethene	6.562	95	114	2.33	ug/L	86
38) Bromodichloromethane	7.115	83	103	1.65	ug/L	# 24
40) 4-Methyl-2-pentanone	7.829	43	26	0.62	ug/L	# 1
48) 2-Hexanone	8.706	43	460	14.98	ug/L	# 40

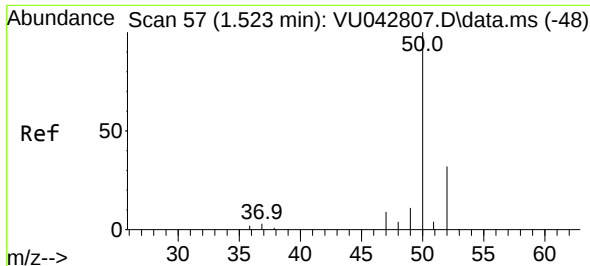
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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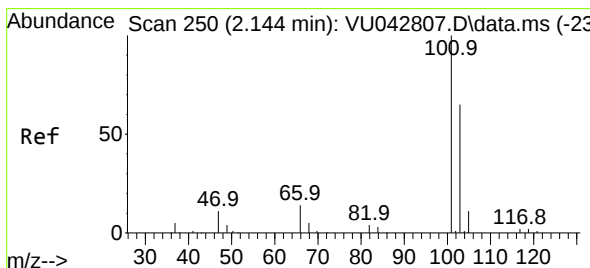
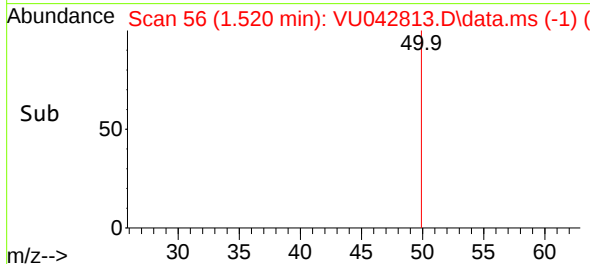
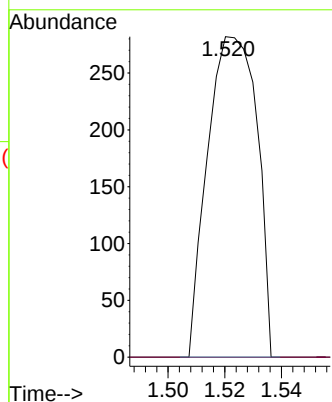
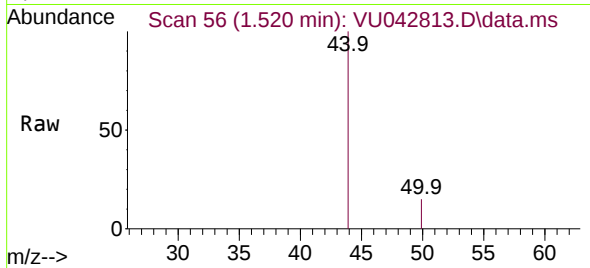




#3
Chloromethane
Concen: 9.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

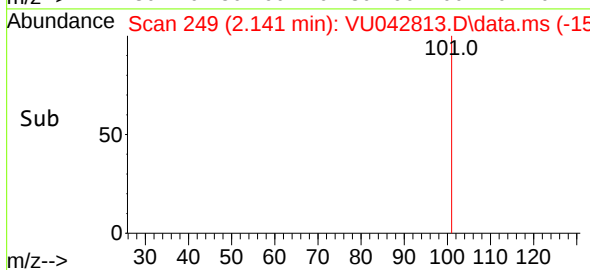
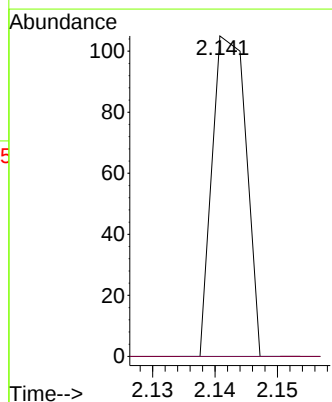
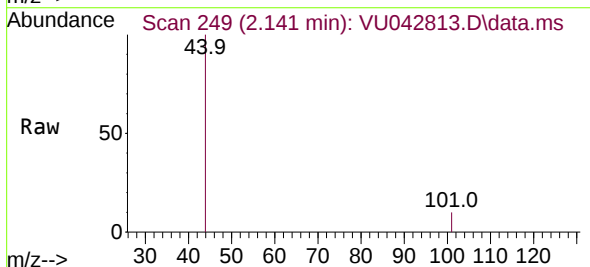
Instrument :
MSVOA_U
ClientSampled :
YAR33

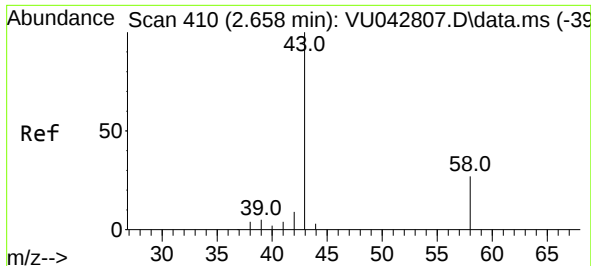
Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.65 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

Tgt Ion:101 Resp: 40
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.8#

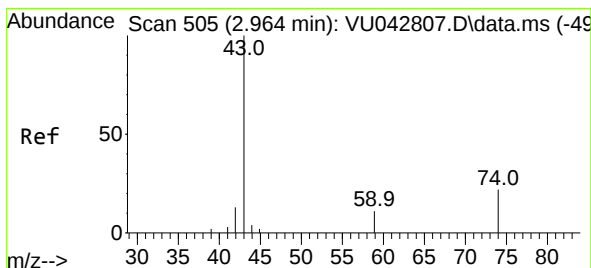
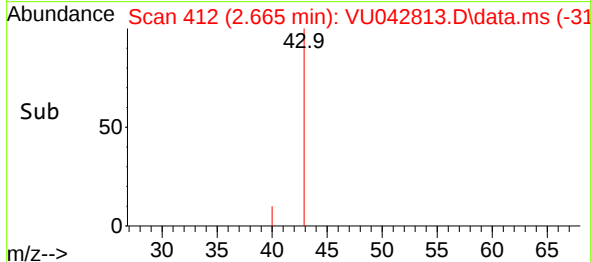
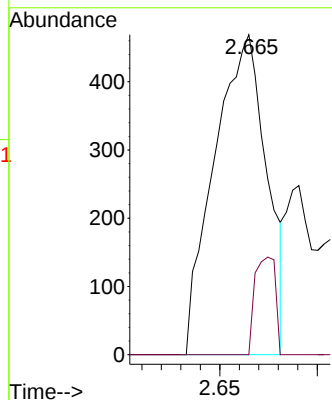
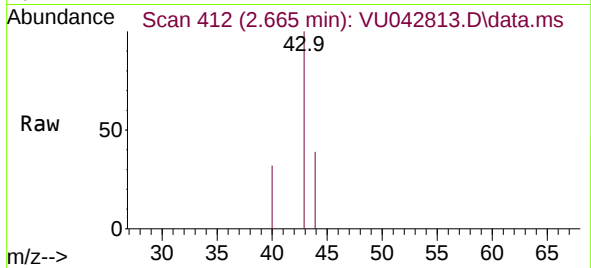




#13
Acetone
Concen: 122.34 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.007 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

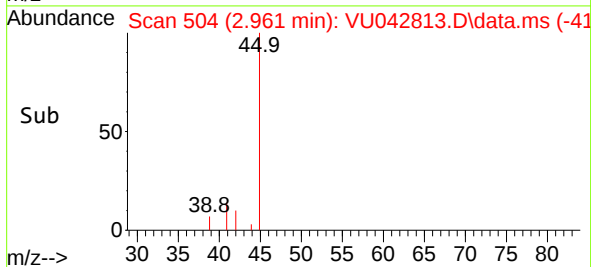
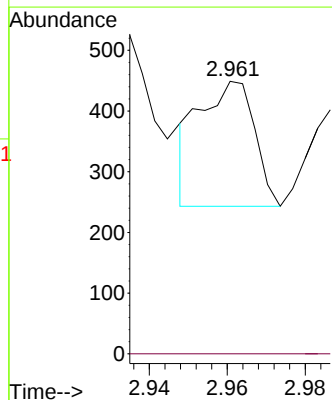
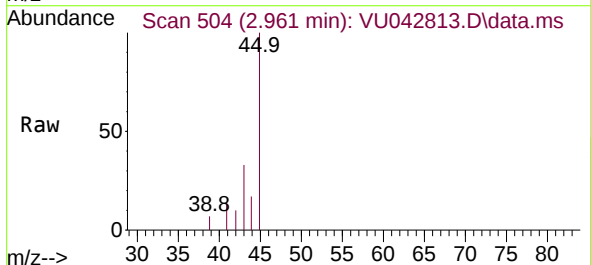
Instrument :
MSVOA_U
ClientSampleId :
YAR33

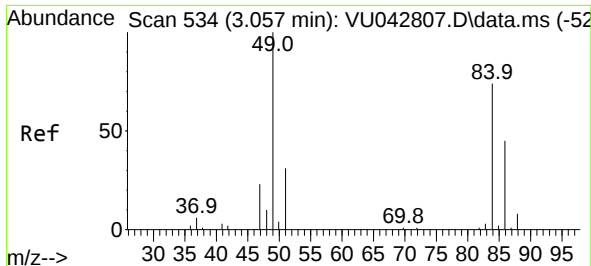
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 11.9 0.0 55.8



#15
Methyl Acetate
Concen: 11.45 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

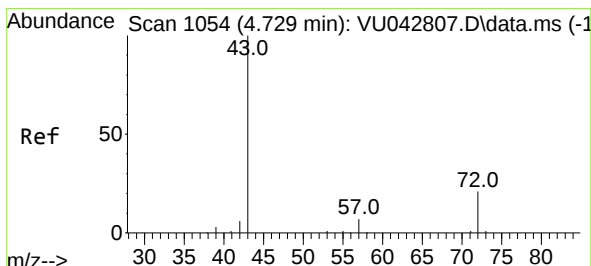
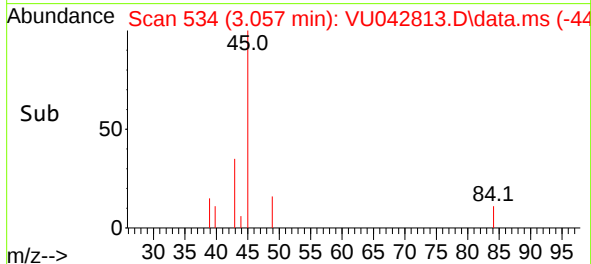
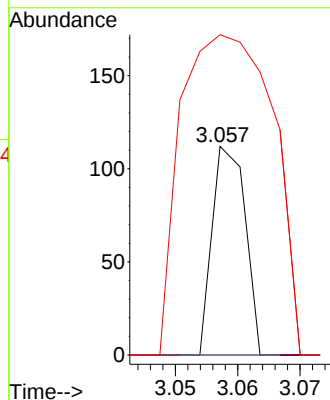
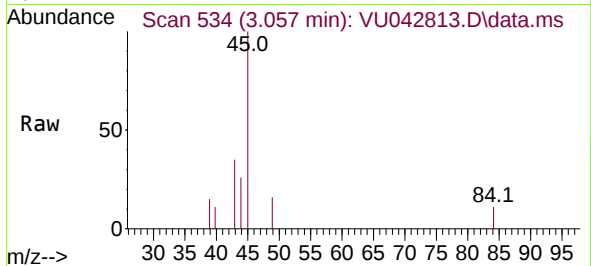




#16
Methylene chloride
Concen: 1.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

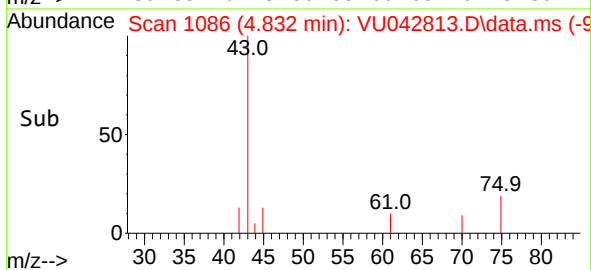
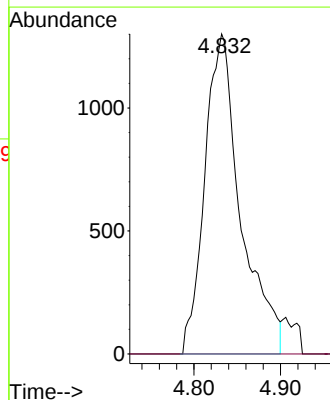
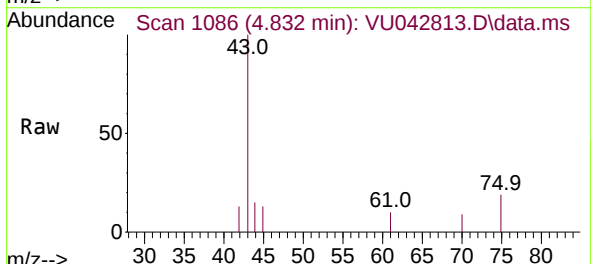
Instrument :
MSVOA_U
ClientSampleId :
YAR33

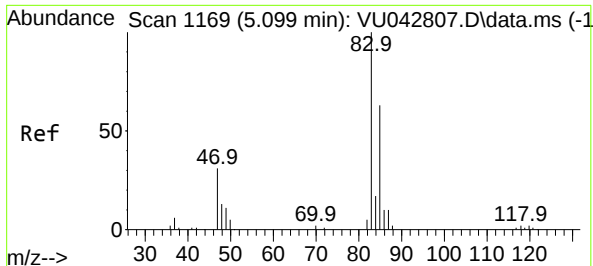
Tgt Ion: 84 Resp: 41
Ion Ratio Lower Upper
84 100
86 0.0 44.1 81.9#
49 153.6 95.0 176.4



#21
2-Butanone
Concen: 307.98 ug/L
RT: 4.832 min Scan# 1086
Delta R.T. 0.103 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

Tgt Ion: 43 Resp: 3753
Ion Ratio Lower Upper
43 100
72 0.0 11.7 35.1#





#25

Chloroform

Concen: 33.61 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU042813.D

Acq: 29 Mar 2021 13:50

Tgt Ion: 83 Resp: 2144

Ion Ratio Lower Upper

83 100

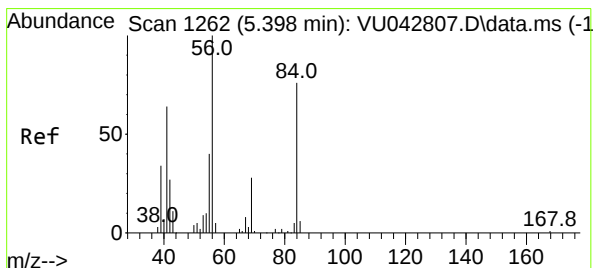
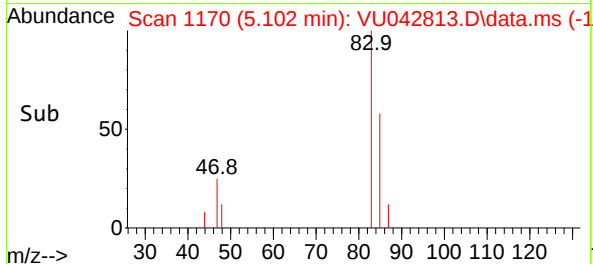
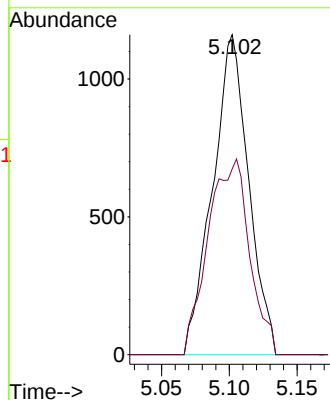
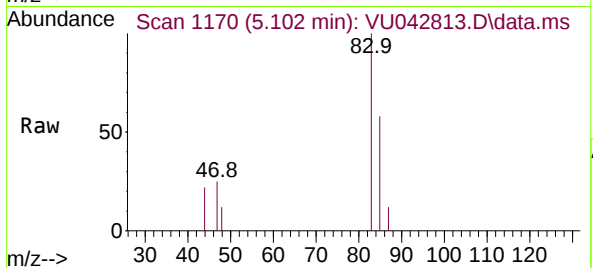
85 58.1 45.7 84.9

Instrument :

MSVOA_U

ClientSampleId :

YAR33



#30

Cyclohexane

Concen: 20.95 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VU042813.D

Acq: 29 Mar 2021 13:50

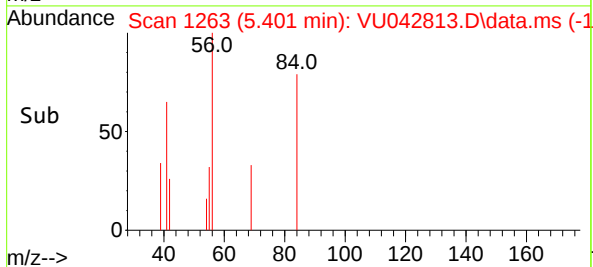
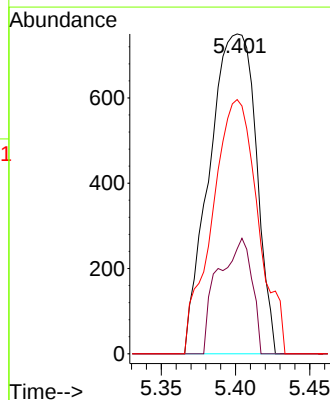
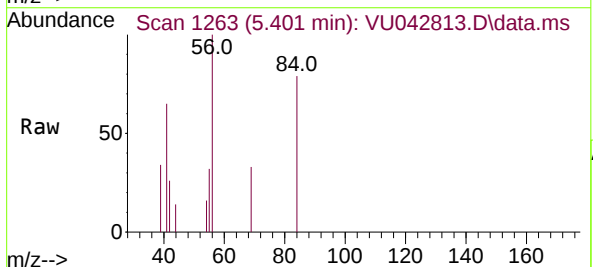
Tgt Ion: 56 Resp: 1643

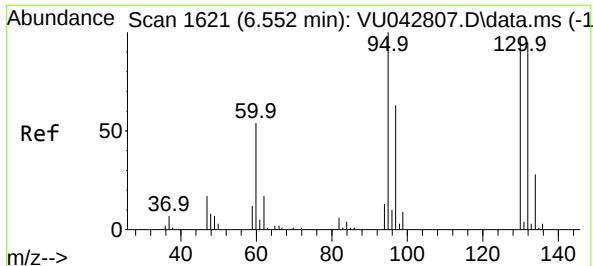
Ion Ratio Lower Upper

56 100

69 25.8 23.7 35.5

84 78.0 65.3 97.9





#34

Trichloroethene

Concen: 2.33 ug/L

RT: 6.562 min Scan# 1624

Delta R.T. 0.010 min

Lab File: VU042813.D

Acq: 29 Mar 2021 13:50

Tgt Ion: 95 Resp: 114

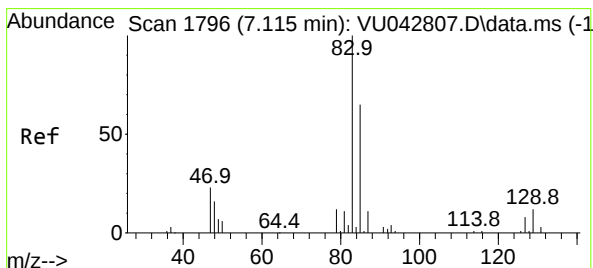
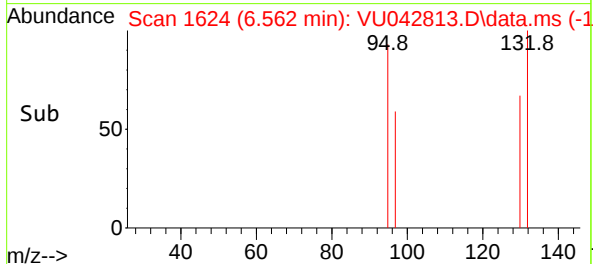
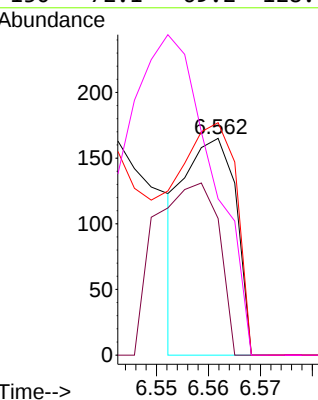
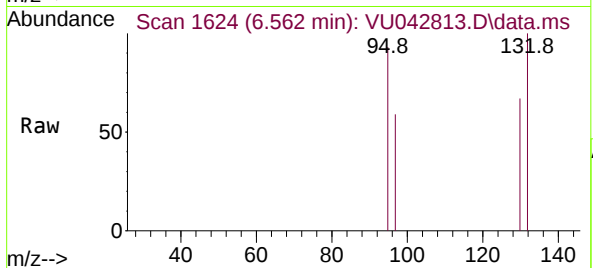
Ion Ratio Lower Upper

95 100

97 63.0 44.4 82.4

132 107.3 68.0 126.4

130 72.1 69.2 128.4



#38

Bromodichloromethane

Concen: 1.65 ug/L

RT: 7.115 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VU042813.D

Acq: 29 Mar 2021 13:50

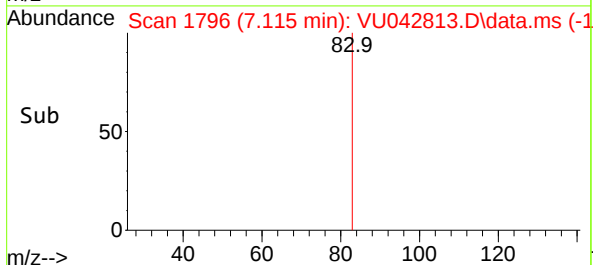
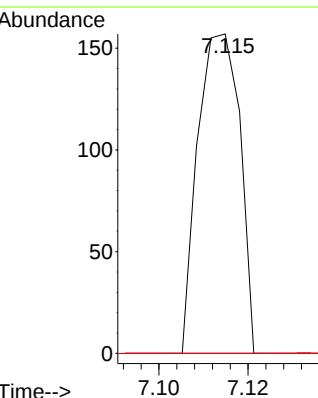
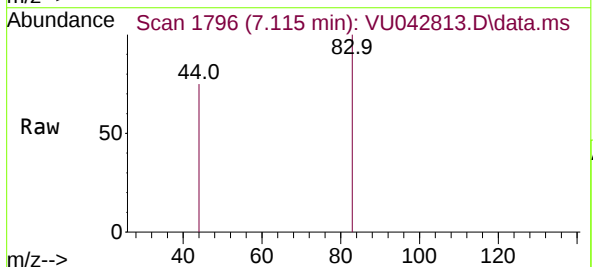
Tgt Ion: 83 Resp: 103

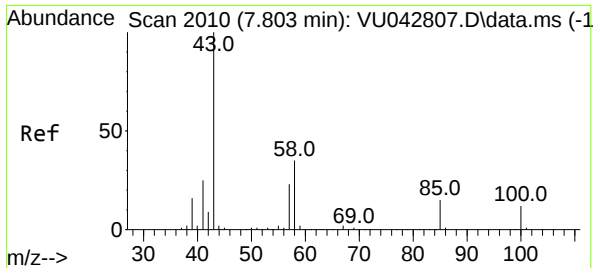
Ion Ratio Lower Upper

83 100

85 0.0 46.0 85.4#

127 0.0 6.8 10.2#

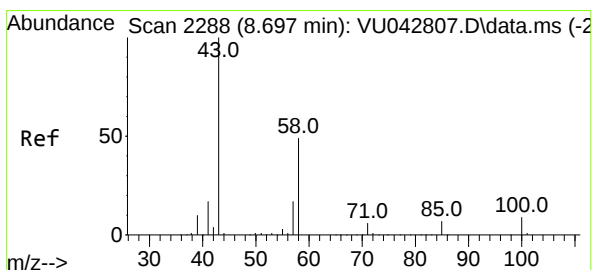
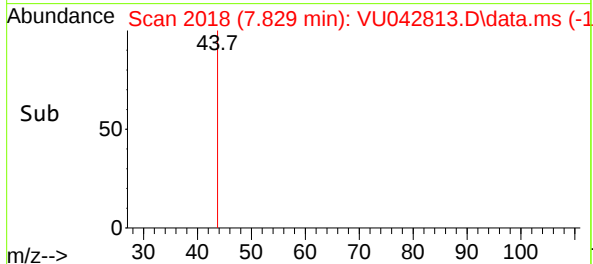
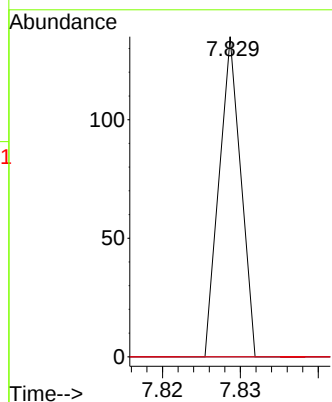
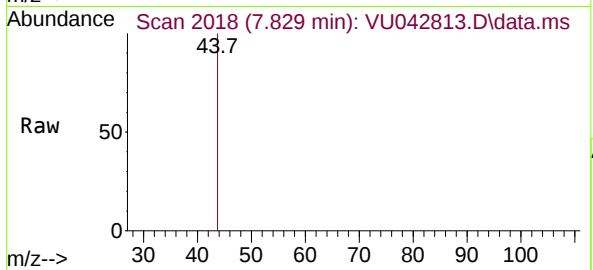




#40
4-Methyl-2-pentanone
Concen: 0.62 ug/L
RT: 7.829 min Scan# 2018
Delta R.T. 0.026 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

Instrument :
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ClientSampled :
YAR33

Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#
100 1153.8 11.0 16.4#



#48
2-Hexanone
Concen: 14.98 ug/L
RT: 8.706 min Scan# 2291
Delta R.T. 0.010 min
Lab File: VU042813.D
Acq: 29 Mar 2021 13:50

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 40.6 61.0#
57 0.0 14.9 22.3#
100 0.0 8.6 12.8#

