

Data File : VU035810.D
Acq On : 21 Nov 2019 18:03
Operator : JC/SP
Sample : K5930-14 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AB7

Quant Time: Nov 22 01:38:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	215790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	85140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	137312	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.93	69	129758	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.59	63	208082	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.70	46	352803	54.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	5.11	84	247323	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.75	65	144903	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.77	84	473933	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.74	67	168724	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	382435	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.22	79	55720	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.70	63	223176	42.12	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	132975	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	100522	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

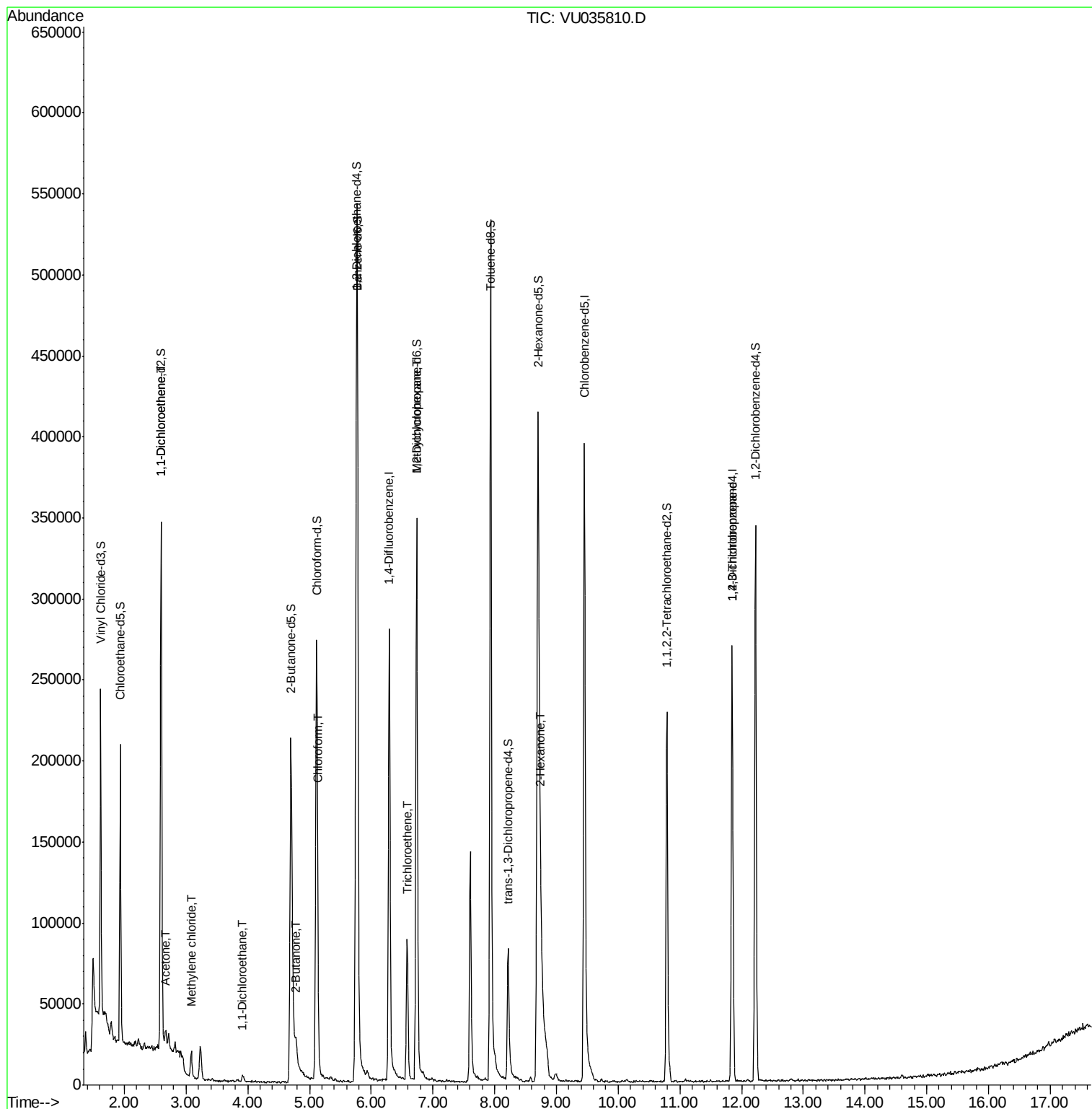
					Qvalue
12) 1,1-Dichloroethene	2.61	96	5652	0.252 ug/L #	1
13) Acetone	2.67	43	13591	2.372 ug/L	98
16) Methylene chloride	3.08	84	6523	0.240 ug/L	84
19) 1,1-Dichloroethane	3.92	63	4893	0.099 ug/L	95
21) 2-Butanone	4.78	43	16711	2.305 ug/L	94
25) Chloroform	5.14	83	8752	0.181 ug/L	93
34) Trichloroethene	6.58	95	29624	1.098 ug/L	94
35) Methylcyclohexane	6.74	83	37430	0.946 ug/L #	15
48) 2-Hexanone	8.75	43	25196	1.787 ug/L #	56
59) 1,2,3-Trichloropropane	11.85	75	11487	0.566 ug/L	90

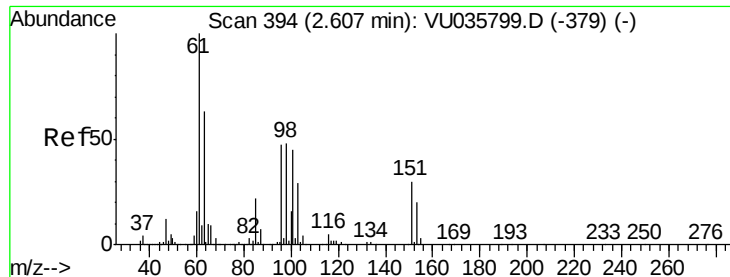
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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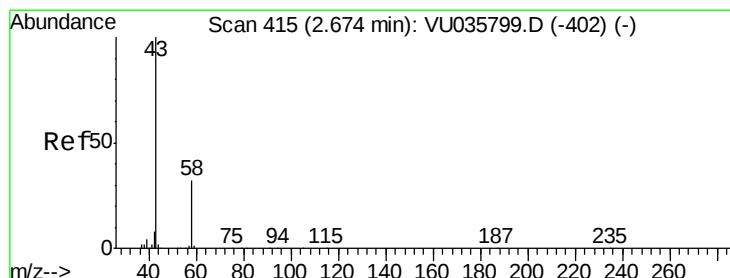
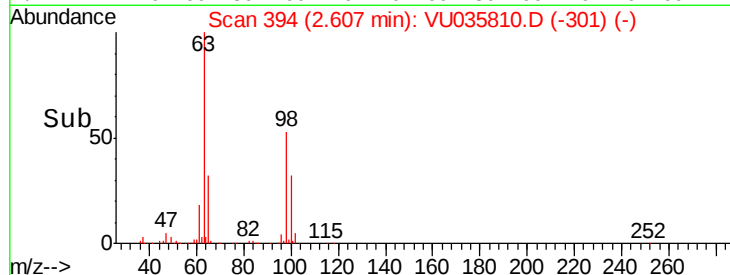
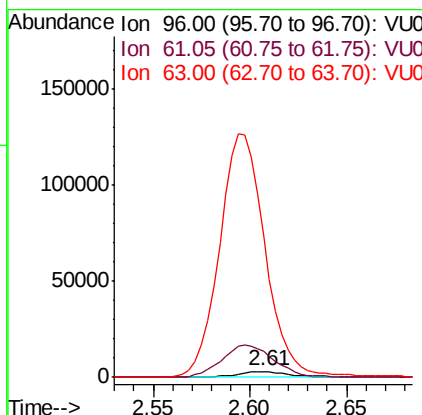
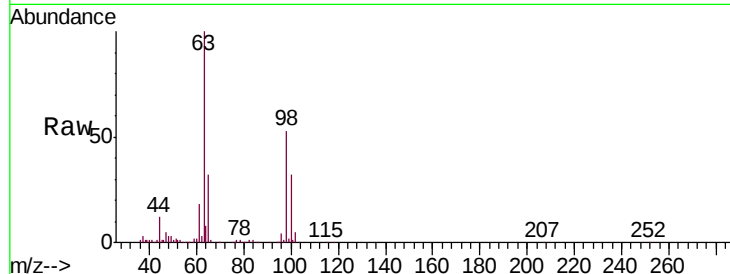




#12
 1,1-Dichloroethene
 Concen: 0.252 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU035810.D
 Acq: 21 Nov 2019 18:03

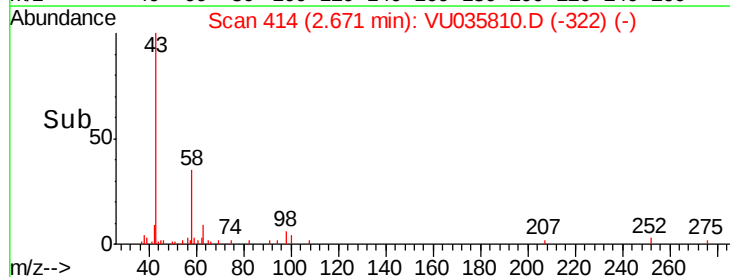
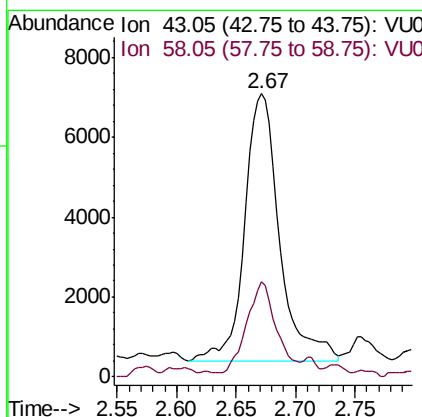
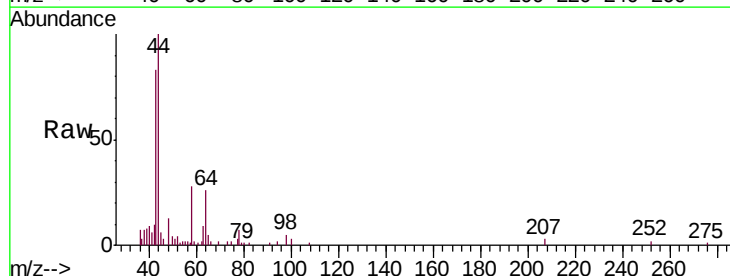
Instrument :
 MSVOA_U
 ClientSampleId :
 B0AB7

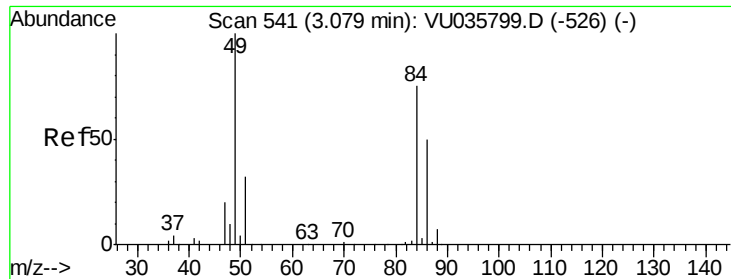
Tgt Ion: 96 Resp: 5652
 Ion Ratio Lower Upper
 96 100
 61 419.6 139.3 258.7#
 63 2281.3 93.7 174.1#



#13
 Acetone
 Concen: 2.372 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: VU035810.D
 Acq: 21 Nov 2019 18:03

Tgt Ion: 43 Resp: 13591
 Ion Ratio Lower Upper
 43 100
 58 31.7 0.0 61.2

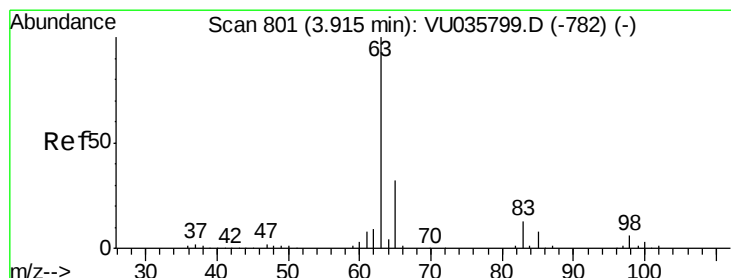
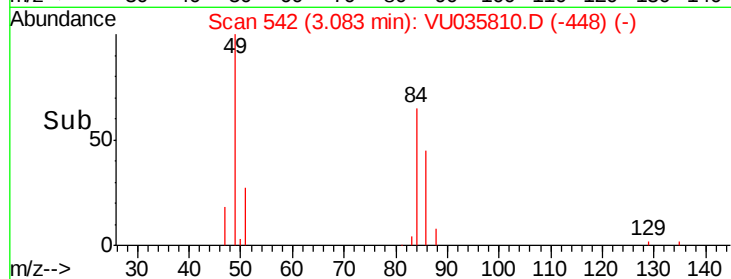
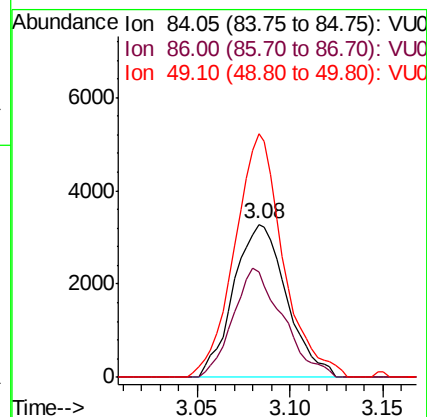
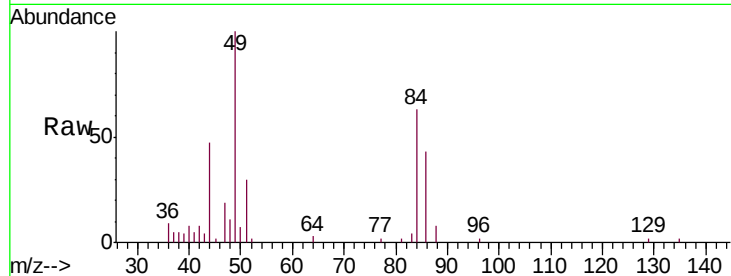




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035810.D
Acq: 21 Nov 2019 18:03

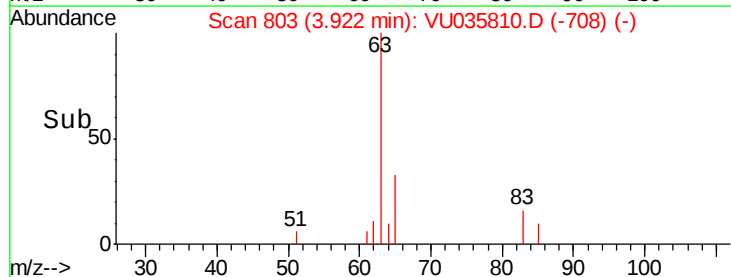
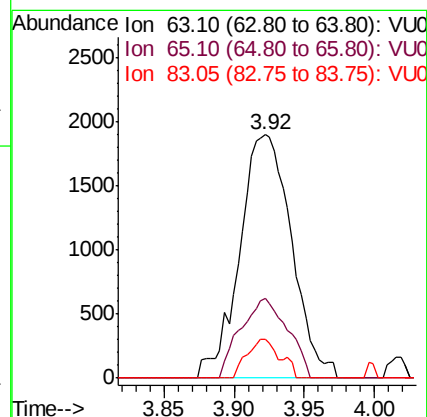
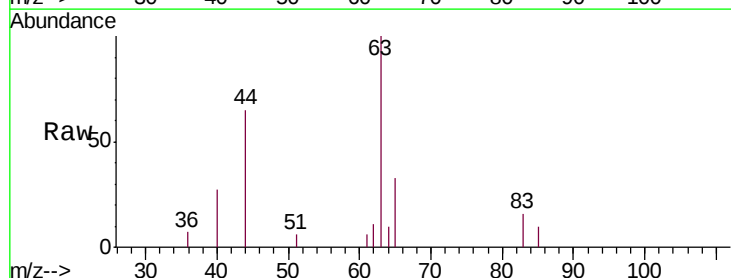
Instrument :
MSVOA_U
ClientSampleId :
B0AB7

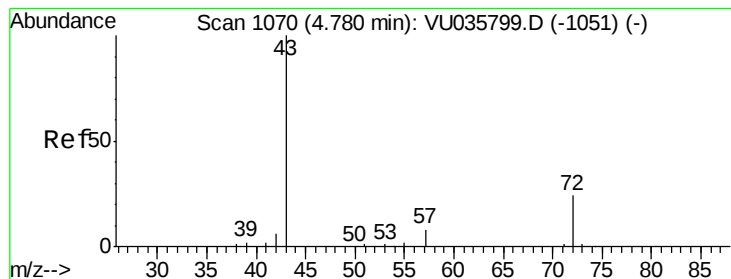
Tgt Ion: 84 Resp: 6523
Ion Ratio Lower Upper
84 100
86 69.1 44.4 82.5
49 159.1 94.0 174.6



#19
1,1-Dichloroethane
Concen: 0.099 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035810.D
Acq: 21 Nov 2019 18:03

Tgt Ion: 63 Resp: 4893
Ion Ratio Lower Upper
63 100
65 32.9 21.8 40.4
83 15.9 8.6 16.0





#21

2-Butanone

Concen: 2.305 ug/L

RT: 4.78 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VU035810.D

Acq: 21 Nov 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

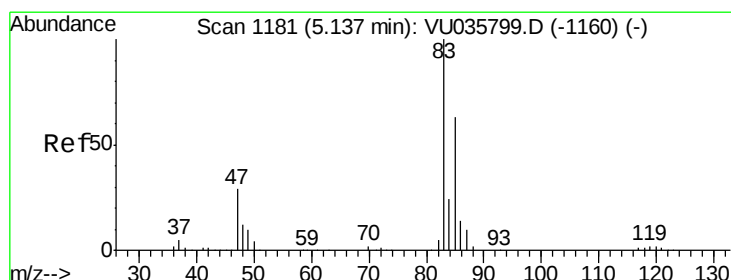
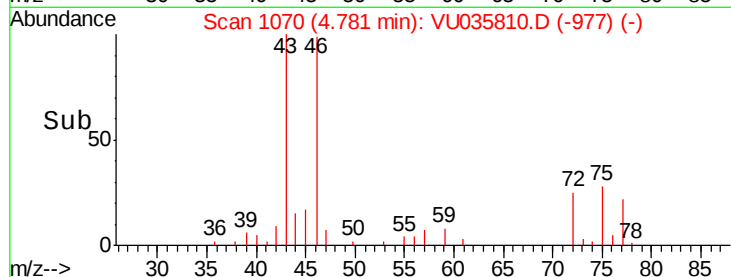
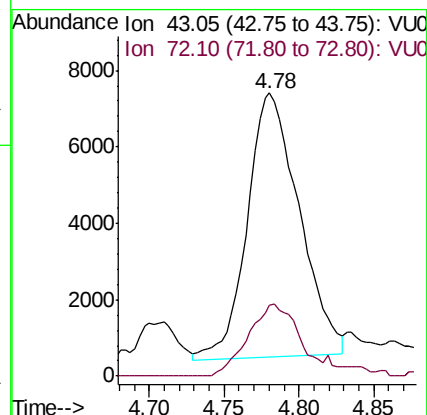
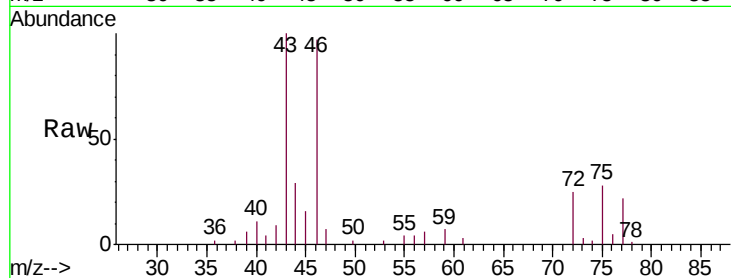
B0AB7

Tgt Ion: 43 Resp: 16711

Ion Ratio Lower Upper

43 100

72 28.0 12.4 37.4



#25

Chloroform

Concen: 0.181 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035810.D

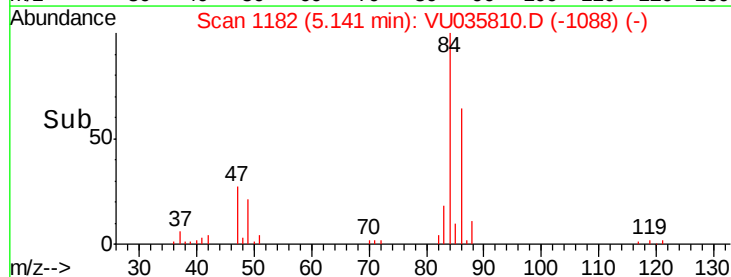
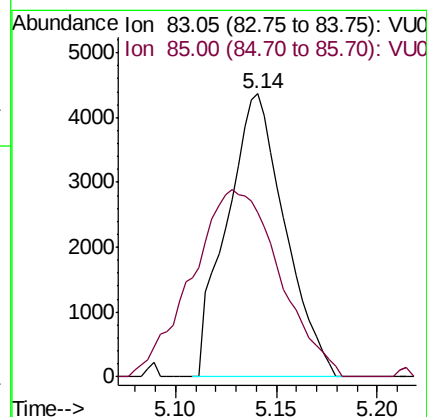
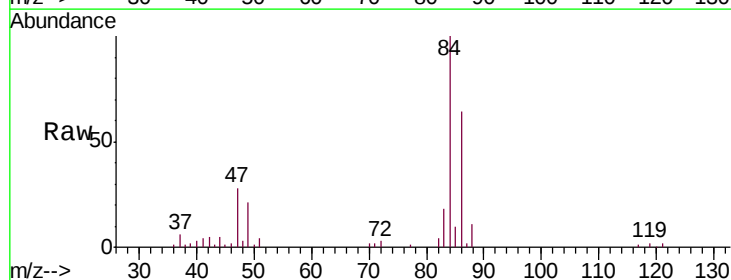
Acq: 21 Nov 2019 18:03

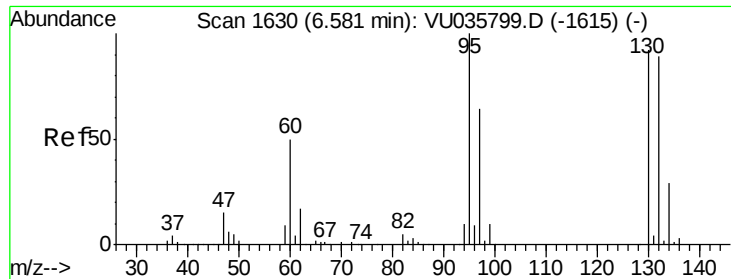
Tgt Ion: 83 Resp: 8752

Ion Ratio Lower Upper

83 100

85 58.0 44.6 82.8





#34

Trichloroethene

Concen: 1.098 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035810.D

Acq: 21 Nov 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

B0AB7

Tgt Ion: 95 Resp: 29624

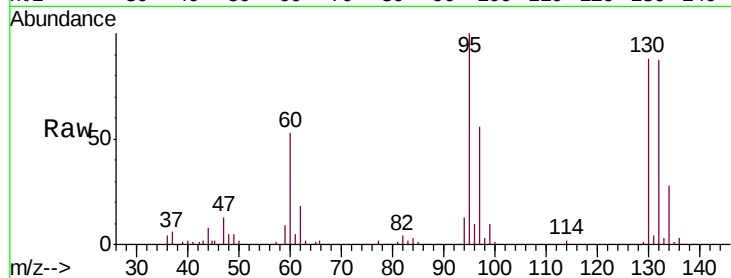
Ion Ratio Lower Upper

95 100

97 55.7 45.1 83.9

132 86.8 61.9 114.9

130 88.2 66.3 123.1

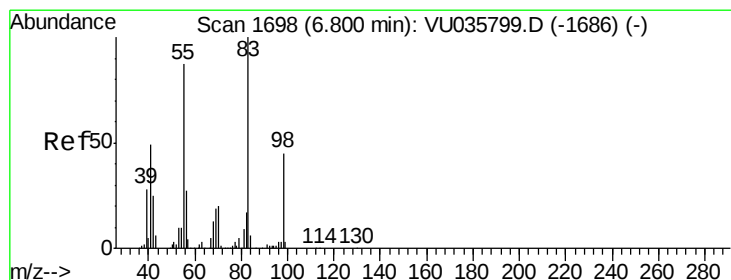
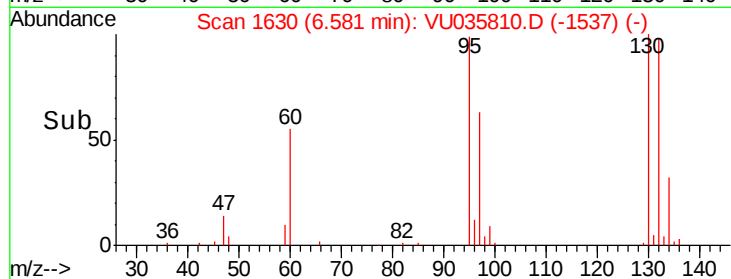
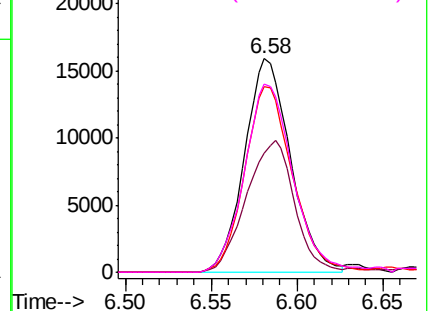


Abundance Ion 95.00 (94.70 to 95.70): VU035810.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035810.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035810.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035810.D (-1615) (-)



#35

Methylcyclohexane

Concen: 0.946 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035810.D

Acq: 21 Nov 2019 18:03

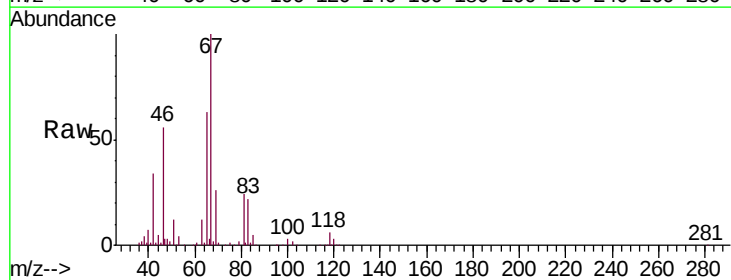
Tgt Ion: 83 Resp: 37430

Ion Ratio Lower Upper

83 100

55 0.8 72.7 109.1#

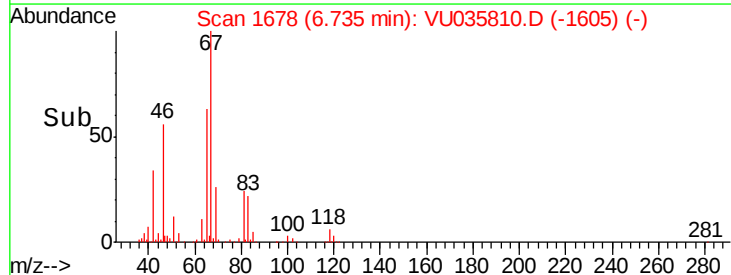
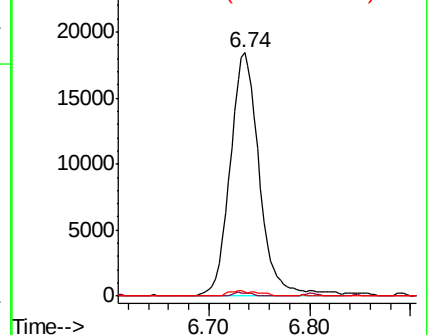
98 2.2 36.2 54.4#

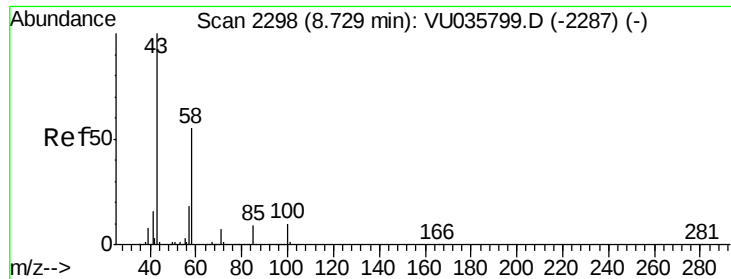


Abundance Ion 83.15 (82.85 to 83.85): VU035810.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035810.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035810.D (-1605) (-)

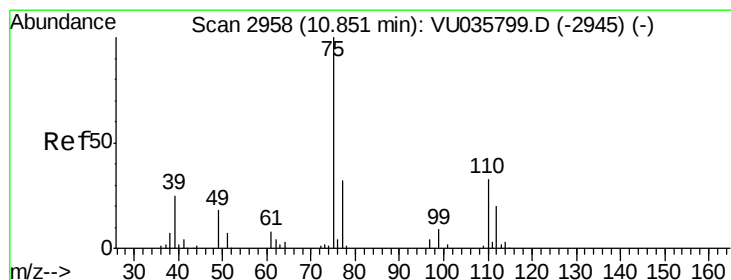
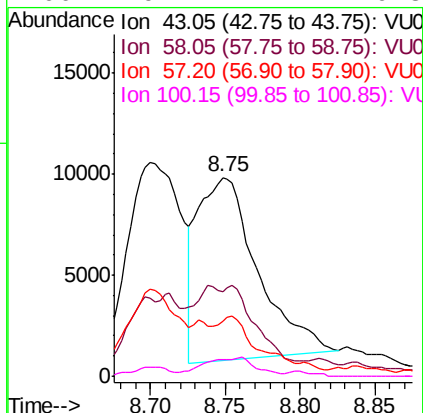
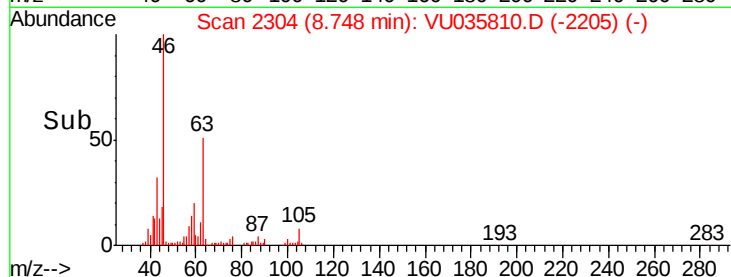
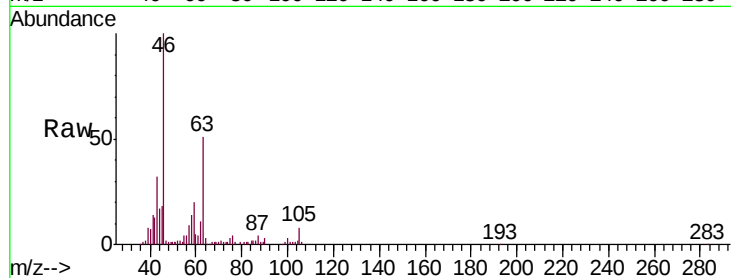




#48
 2-Hexanone
 Concen: 1.787 ug/L
 RT: 8.75 min Scan# 2304
 Delta R.T. 0.02 min
 Lab File: VU035810.D
 Acq: 21 Nov 2019 18:03

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AB7

Tgt Ion:	43	Resp:	25196
Ion	Ratio	Lower	Upper
43	100		
58	3.6	39.8	59.8#
57	18.1	14.0	21.0
100	9.1	7.2	10.8



#59
 1,2,3-Trichloropropane
 Concen: 0.566 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 1.00 min
 Lab File: VU035810.D
 Acq: 21 Nov 2019 18:03

Tgt Ion:	75	Resp:	11487
Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.4	38.2

