

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039247.D
 Acq On : 30 Jun 2020 21:38
 Operator : SY/MD
 Sample : L3116-13RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	204816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	225723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	87746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64542	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	73008	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.59	63	102299	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.67	46	185121	32.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.66%
24) Chloroform-d	5.10	84	126998	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.74	65	76786	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.76	84	242484	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	74234	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.92	98	199784	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	31353	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.65	63	136585	30.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	60245	3.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.40%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73688	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

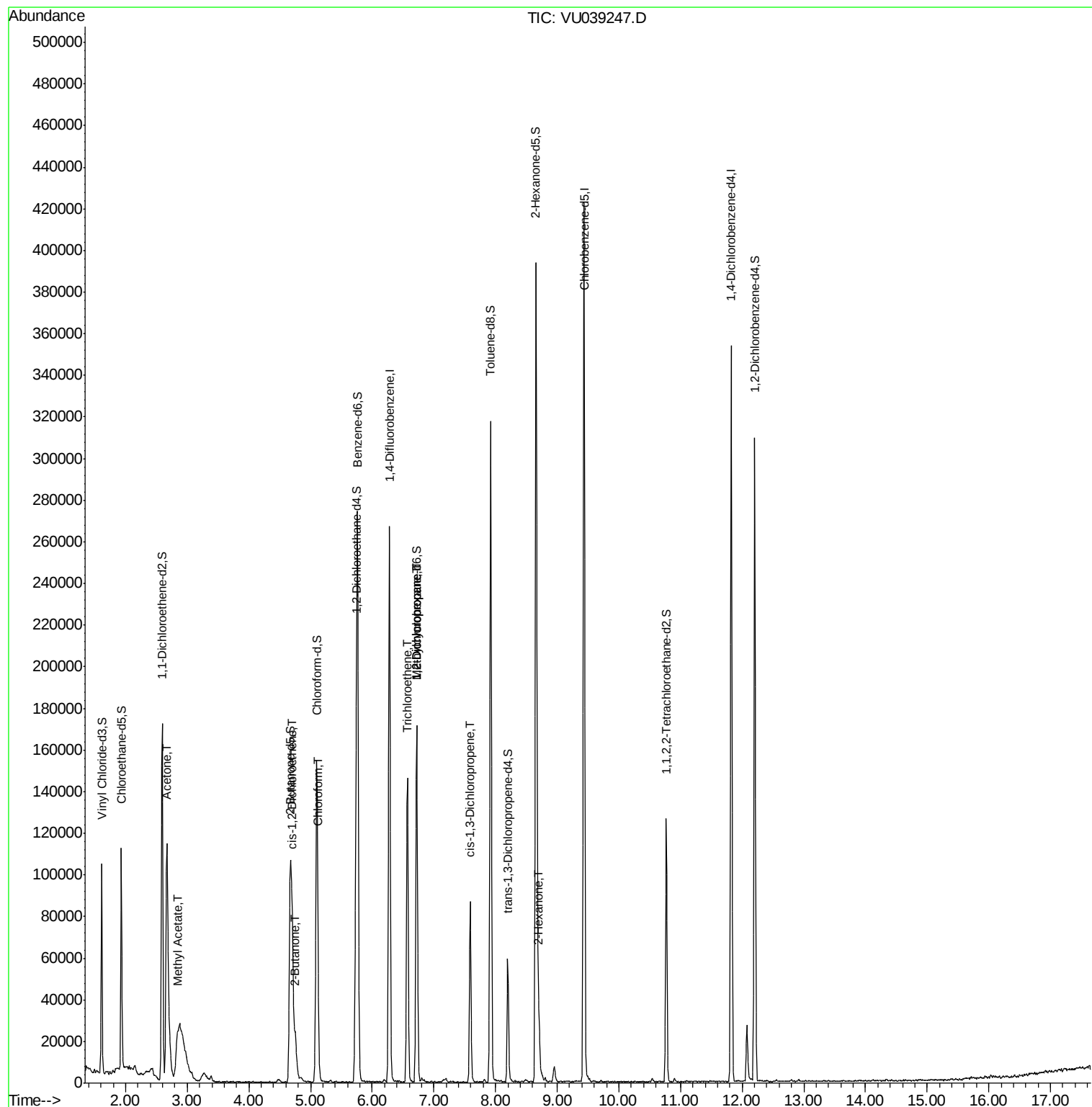
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	205685	58.922	ug/L	98
15) Methyl Acetate	2.84	43	4747	0.576	ug/L #	51
21) 2-Butanone	4.75	43	32767	5.973	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	22255	1.410	ug/L	99
25) Chloroform	5.12	83	6088	0.204	ug/L	93
34) Trichloroethene	6.57	95	46997	2.700	ug/L	97
35) Methylcyclohexane	6.72	83	18904	0.727	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	8781	0.490	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2545	0.100	ug/L	90
48) 2-Hexanone	8.71	43	13259	1.280	ug/L #	88

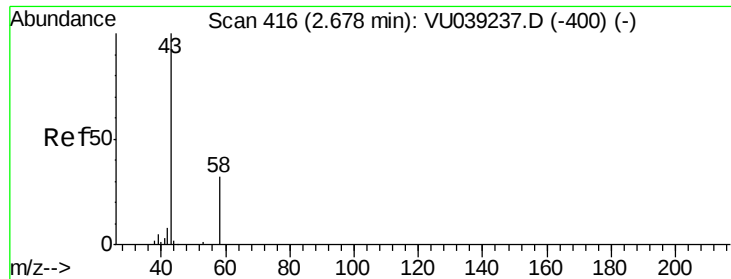
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 01 01:40:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 58.922 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039247.D

Acq: 30 Jun 2020 21:38

Instrument :

MSVOA_U

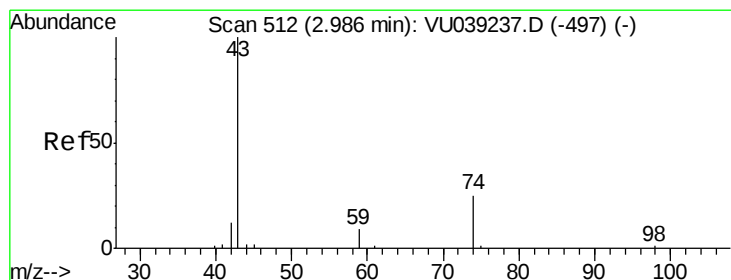
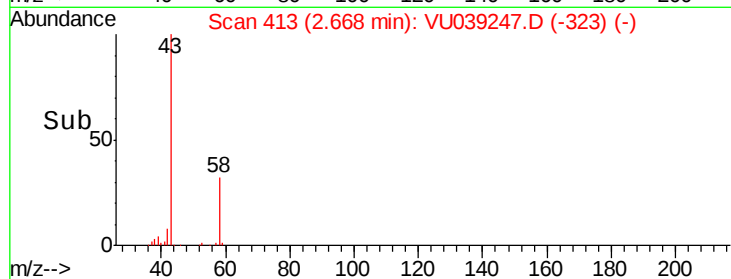
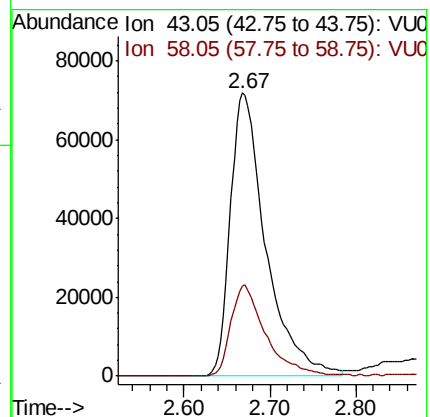
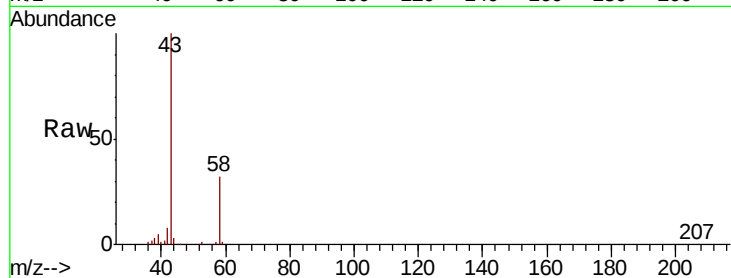
ClientSampleId :

Tot Ion: 43 Resp: 205685

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.0



#15

Methyl Acetate

Concen: 0.576 ug/L

RT: 2.84 min Scan# 468

Delta R.T. -0.14 min

Lab File: VU039247.D

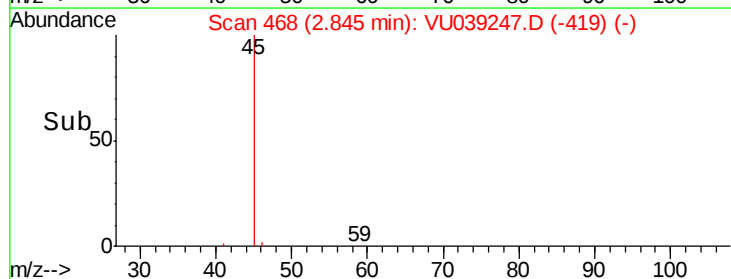
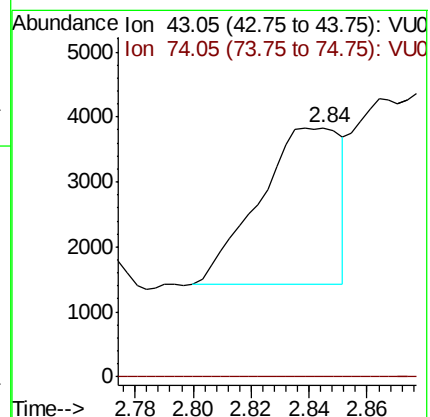
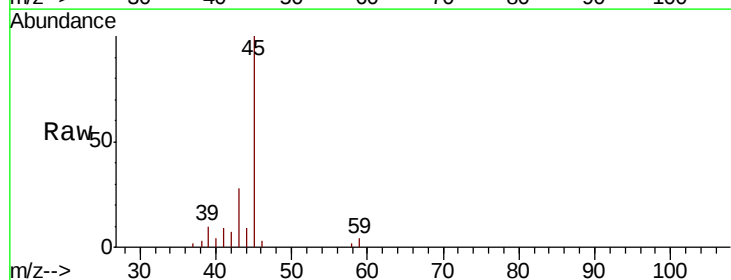
Acq: 30 Jun 2020 21:38

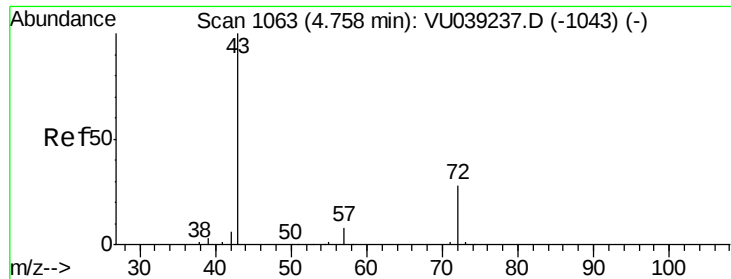
Tgt Ion: 43 Resp: 4747

Ion Ratio Lower Upper

43 100

74 0.0 19.6 29.4#

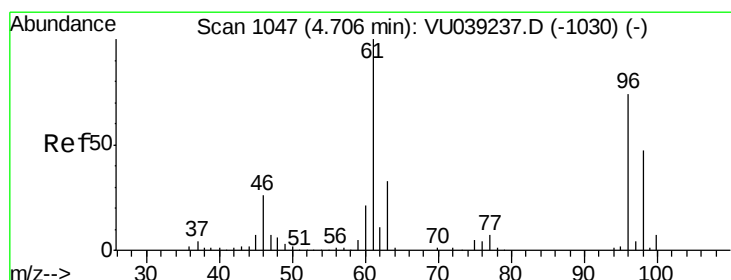
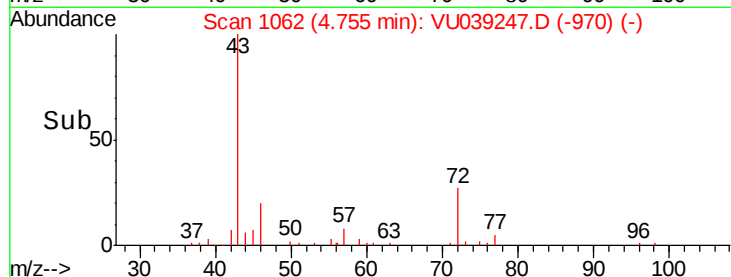
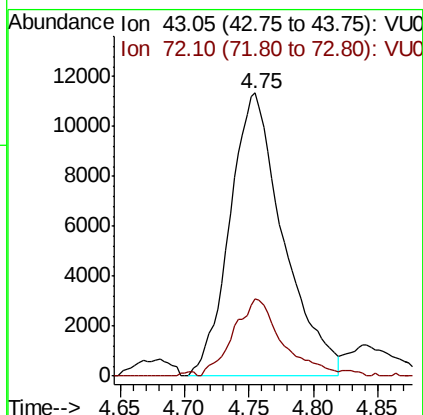
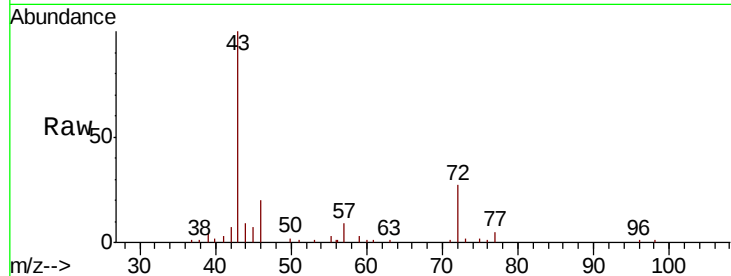




#21
2-Butanone
Concen: 5.973 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

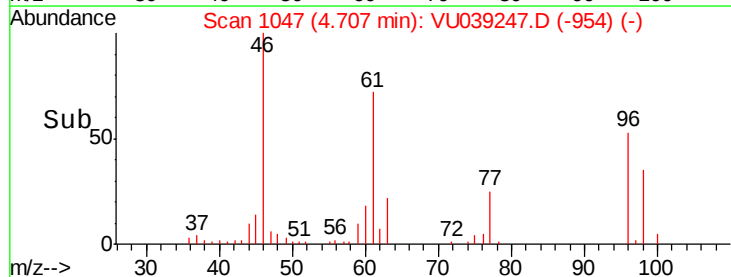
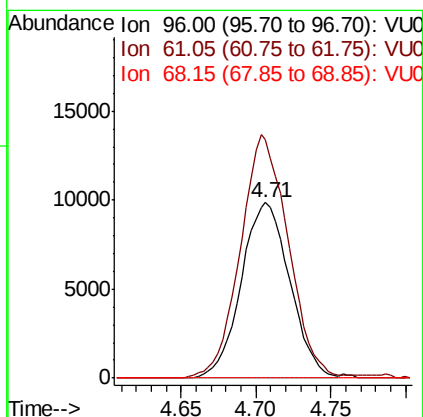
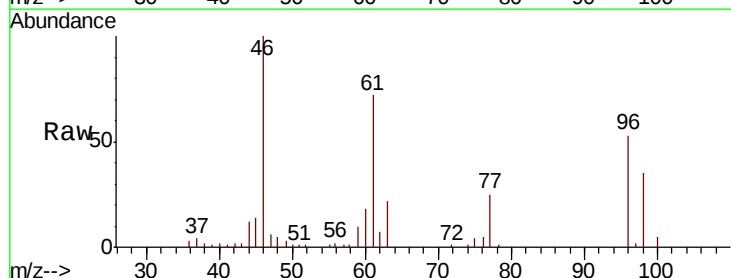
Instrument :
MSVOA_U
ClientSampleId :

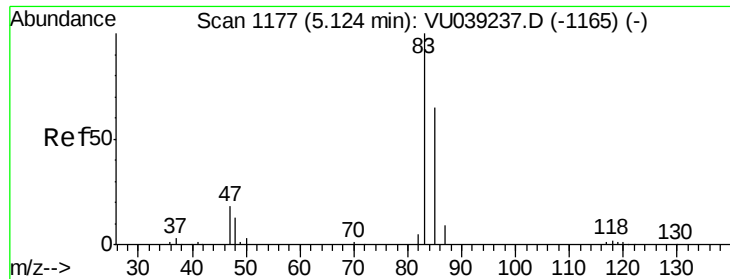
Tot Ion: 43 Resp: 32767
Ion Ratio Lower Upper
43 100
72 25.7 13.7 41.0



#22
cis-1,2-Dichloroethene
Concen: 1.410 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

Tgt Ion: 96 Resp: 22255
Ion Ratio Lower Upper
96 100
61 135.9 94.2 175.0
68 0.0 0.0 0.0

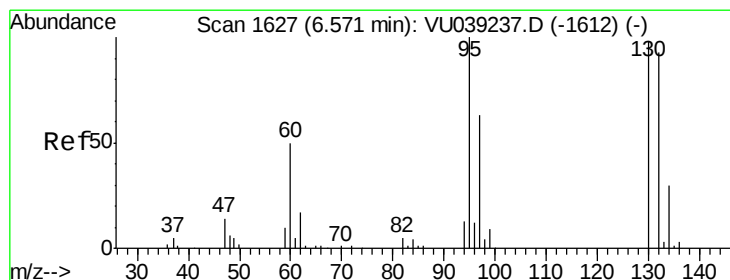
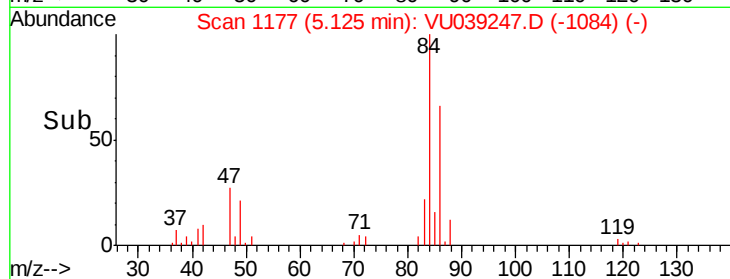
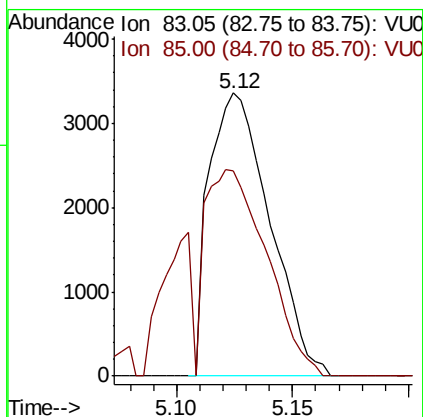
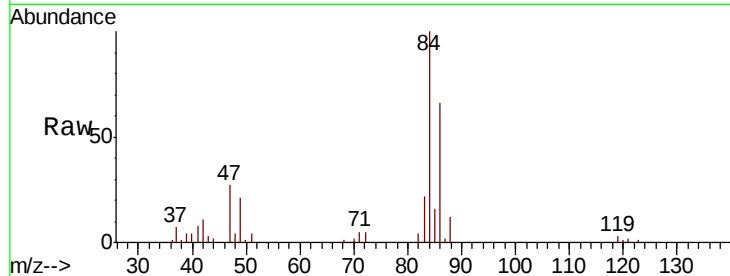




#25
Chloroform
Concen: 0.204 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

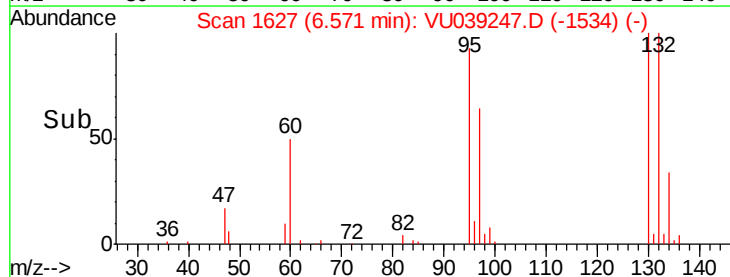
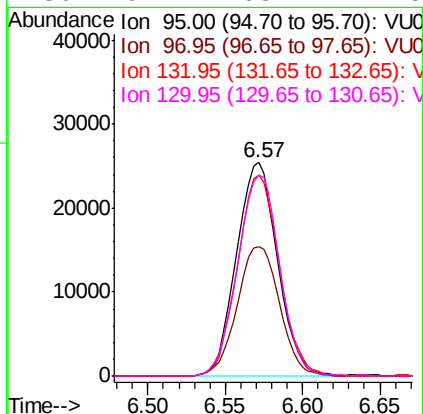
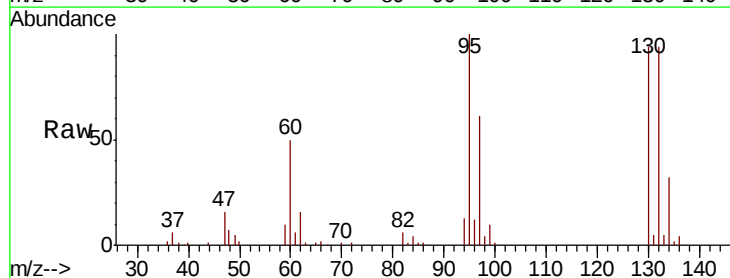
Instrument :
MSVOA_U
ClientSampleId :

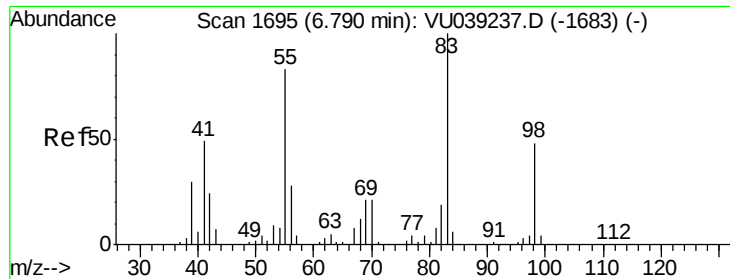
Tot Ion: 83 Resp: 6088
Ion Ratio Lower Upper
83 100
85 72.6 47.0 87.4



#34
Trichloroethene
Concen: 2.700 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

Tgt Ion: 95 Resp: 46997
Ion Ratio Lower Upper
95 100
97 60.7 44.0 81.8
132 94.3 64.9 120.5
130 94.1 68.7 127.5

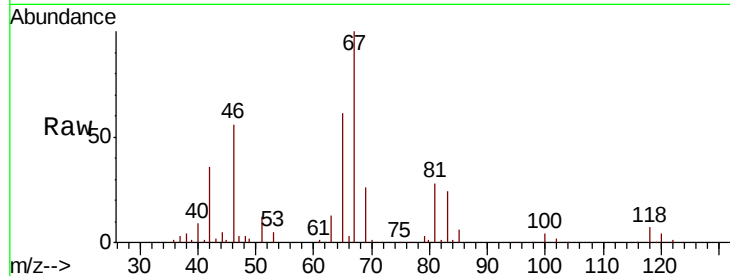




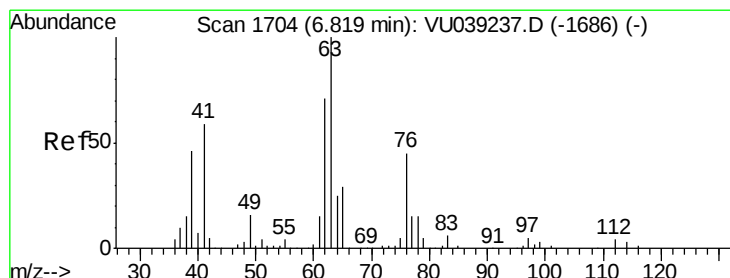
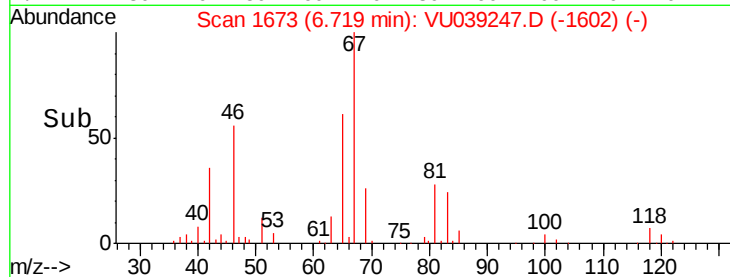
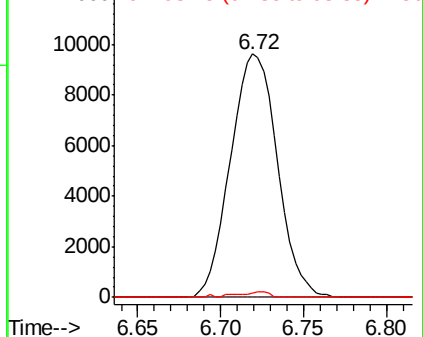
#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	83	Resp	18904
Ion Ratio	100	Lower	Upper
55	0.0	64.4	96.6#
98	1.4	37.9	56.9#

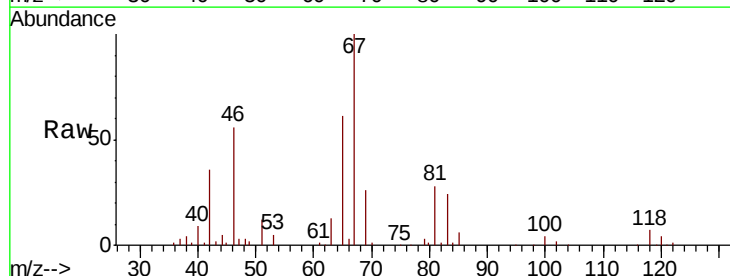


Abundance Ion 83.15 (82.85 to 83.85): VU039247.D (-1683) (-)

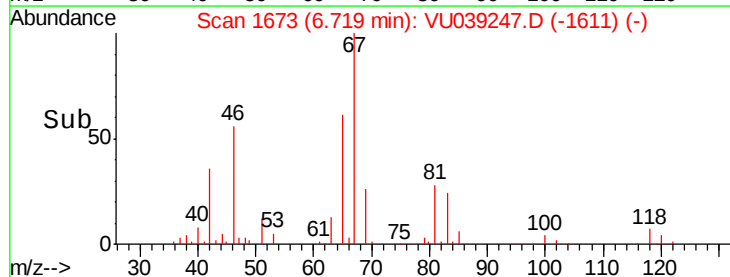
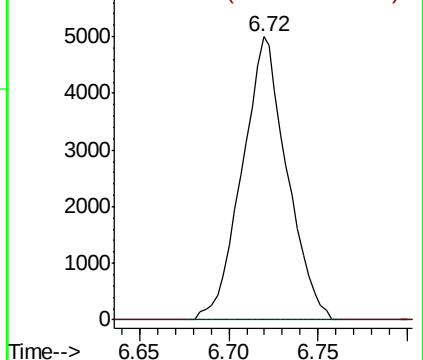


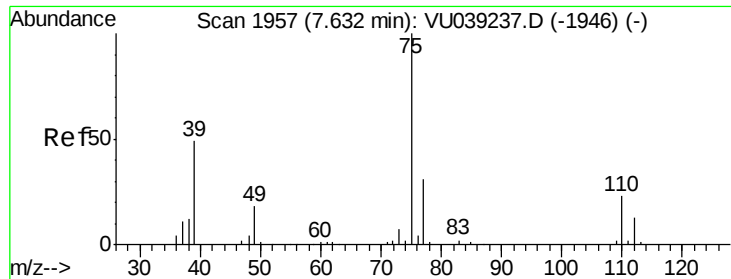
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039247.D
Acq: 30 Jun 2020 21:38

Tgt Ion	63	Resp	8781
Ion Ratio	100	Lower	Upper
112	0.0	3.6	5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU039247.D (-1686) (-)

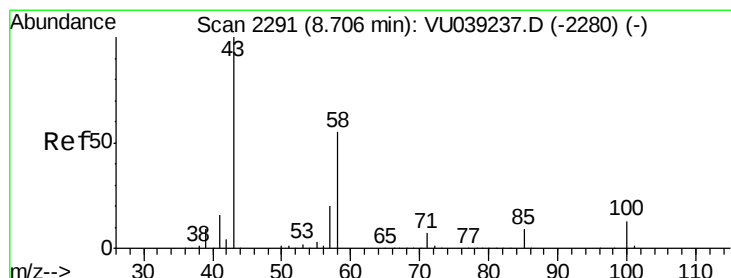
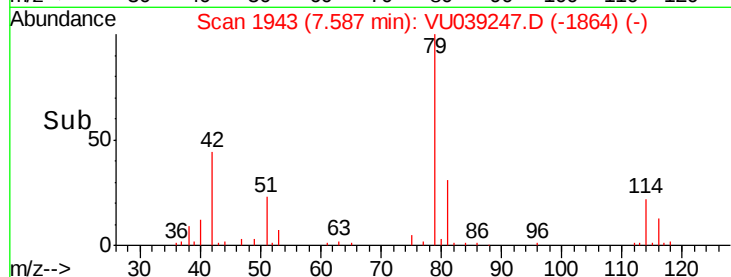
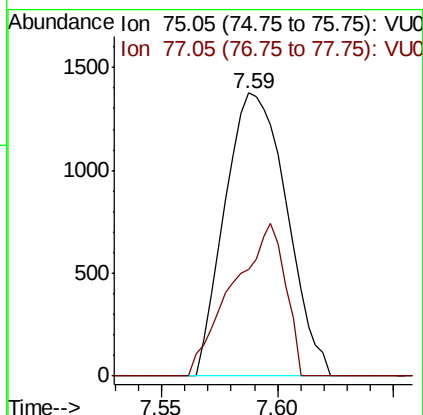
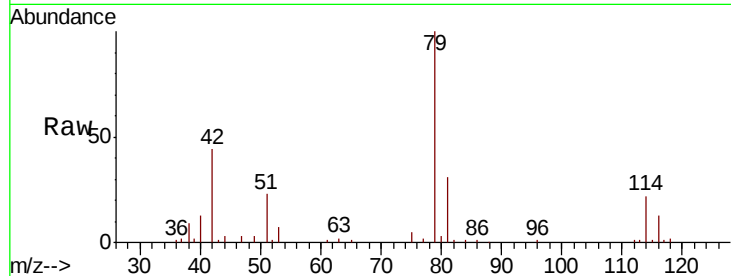




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039247.D
 Acq: 30 Jun 2020 21:38

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 2545
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.5 41.7



#48
 2-Hexanone
 Concen: 1.280 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039247.D
 Acq: 30 Jun 2020 21:38

Tgt Ion: 43 Resp: 13259
 Ion Ratio Lower Upper
 43 100
 58 42.4 43.6 65.4#
 57 19.5 15.5 23.3
 100 8.0 10.0 15.0#

