

Data File : VU035612.D
Acq On : 04 Nov 2019 16:57
Operator : JC/SP
Sample : K5656-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5453

Quant Time: Nov 05 02:40:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 02:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240323	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	100141	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	90074	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	125260	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.70	46	244976	44.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	5.11	84	176431	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.75	65	93783	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.77	84	349037	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.74	67	121006	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	292440	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.22	79	41524	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.69	63	180816	42.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99089	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	96703	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

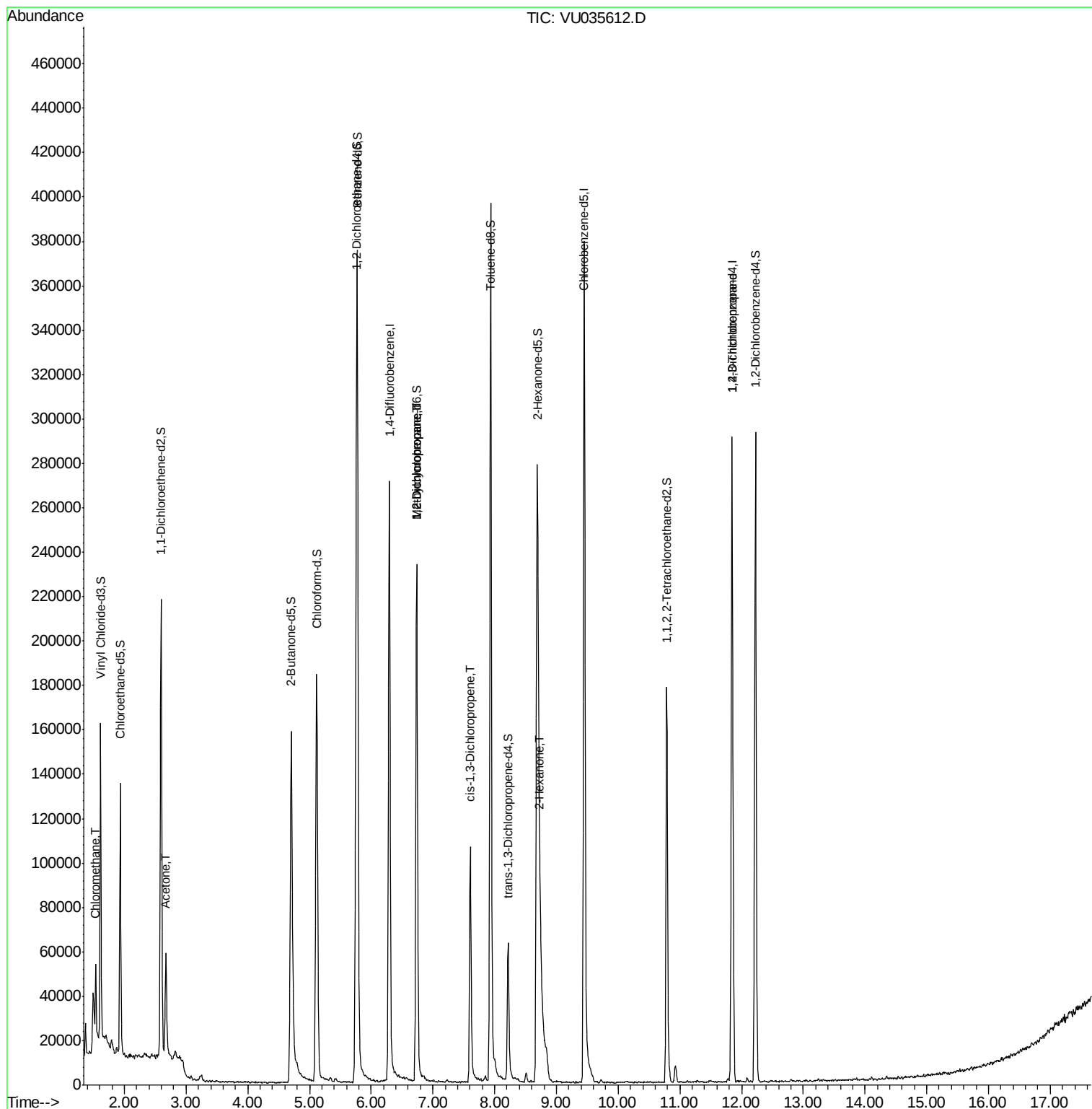
					Qvalue
3) Chloromethane	1.54	50	20801	0.697 ug/L	97
13) Acetone	2.67	43	52816	13.413 ug/L	100
35) Methylcyclohexane	6.74	83	26095	0.717 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12271	0.499 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2858	0.081 ug/L #	33
48) 2-Hexanone	8.74	43	17739	1.764 ug/L #	87
59) 1,2,3-Trichloropropane	11.84	75	11244	0.691 ug/L	97

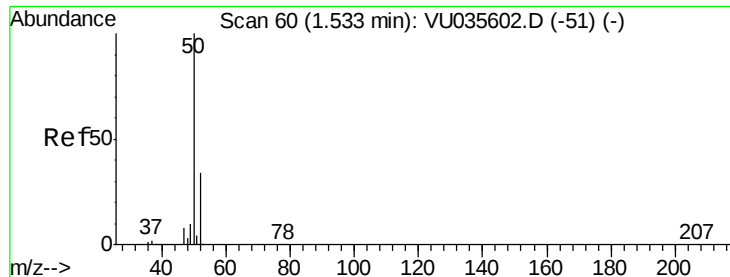
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.697 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035612.D

Acq: 04 Nov 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

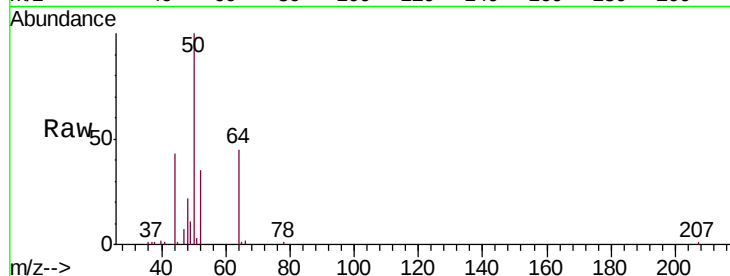
A5453

Tgt Ion: 50 Resp: 20801

Ion Ratio Lower Upper

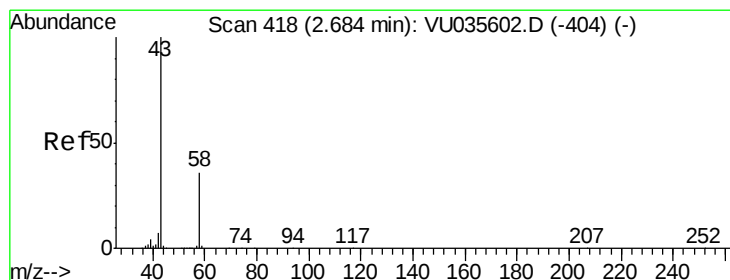
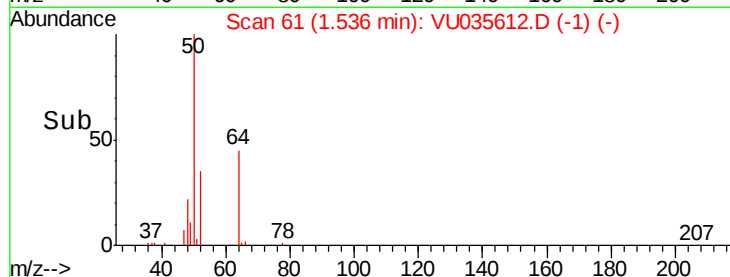
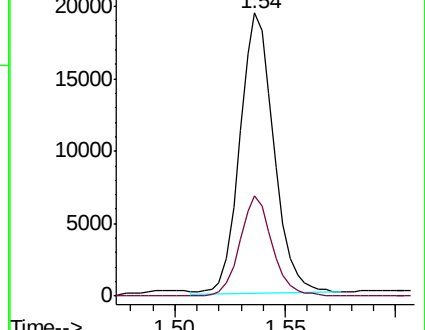
50 100

52 35.5 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VU035612.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035612.D (-1) (-)



#13

Acetone

Concen: 13.413 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035612.D

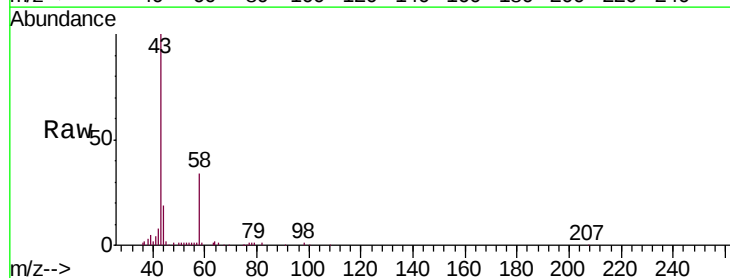
Acq: 04 Nov 2019 16:57

Tgt Ion: 43 Resp: 52816

Ion Ratio Lower Upper

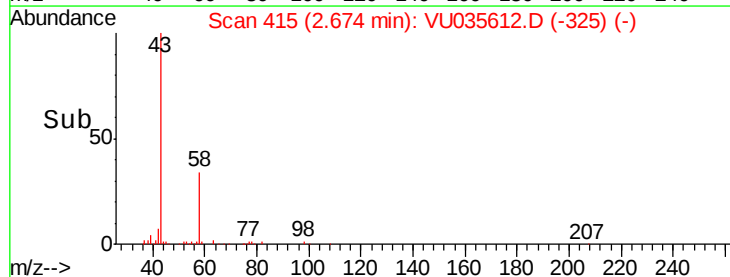
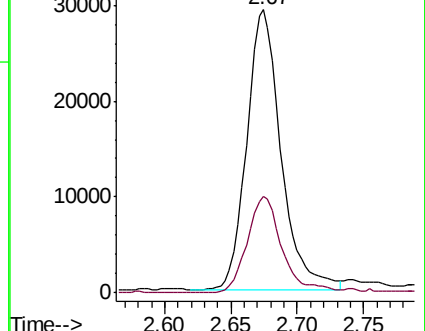
43 100

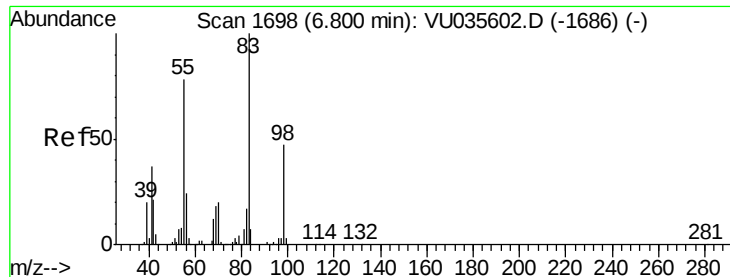
58 35.0 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035612.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035612.D (-325) (-)

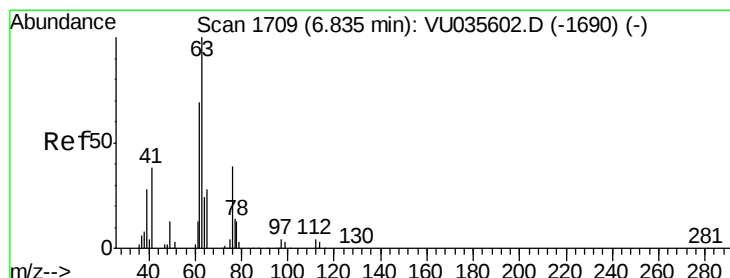
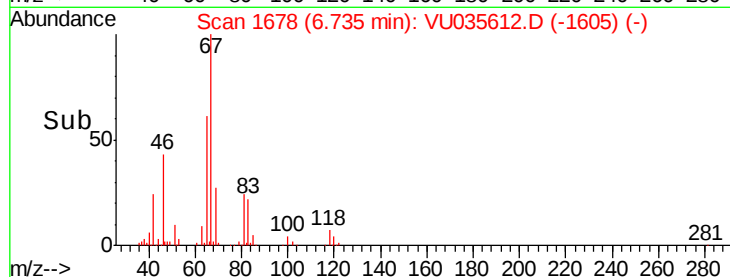
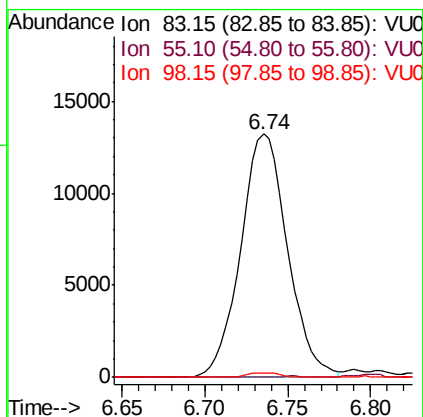
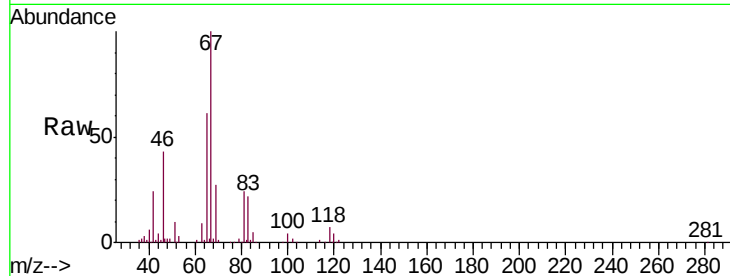




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035612.D
Acq: 04 Nov 2019 16:57

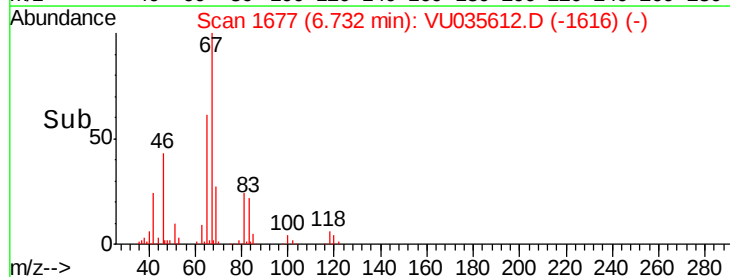
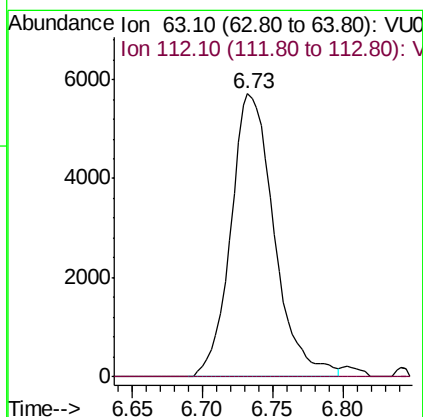
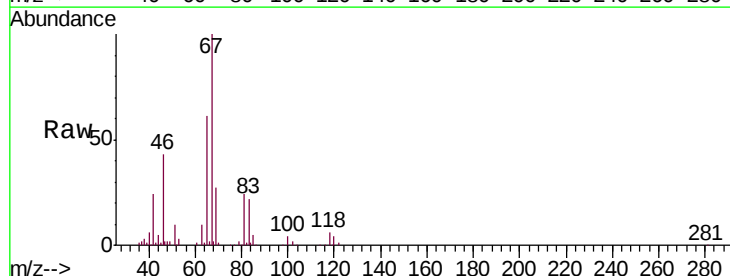
Instrument :
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ClientSampleId :
A5453

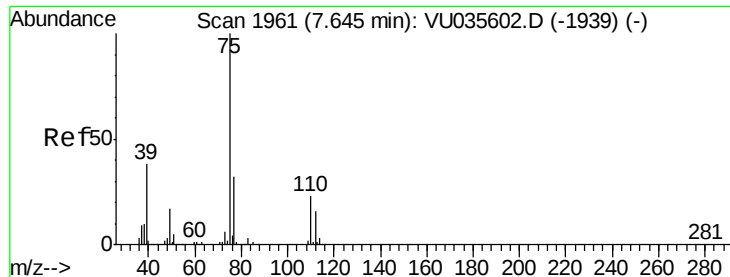
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.3	37.2	55.8#



#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035612.D
Acq: 04 Nov 2019 16:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035612.D

Acq: 04 Nov 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

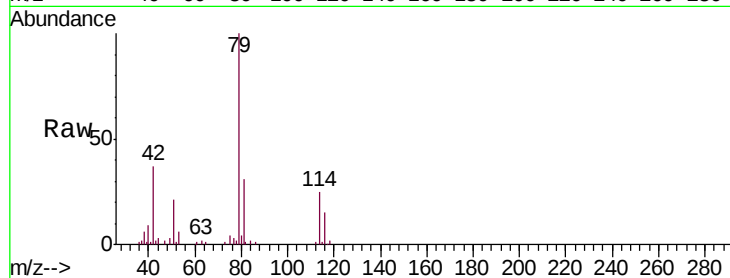
A5453

Tgt Ion: 75 Resp: 2858

Ion Ratio Lower Upper

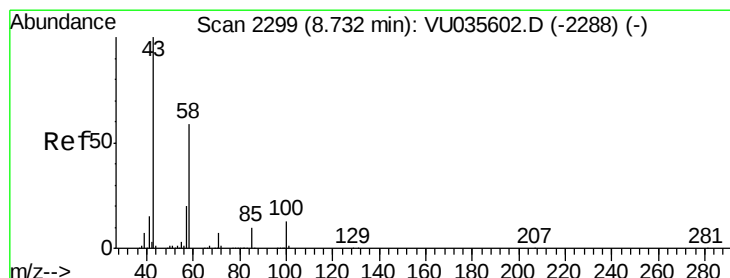
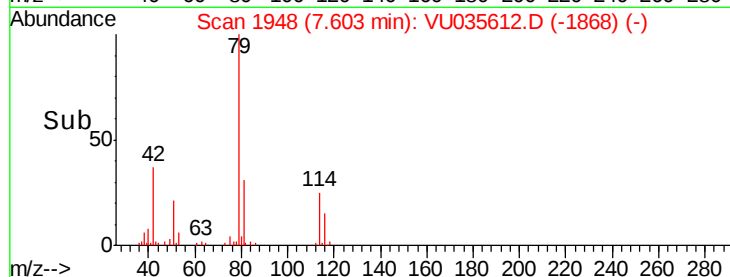
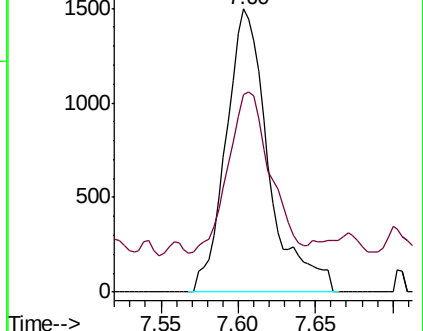
75 100

77 69.6 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU035612.D (-1948) (-)

Ion 77.05 (76.75 to 77.75): VU035612.D (-1948) (-)



#48

2-Hexanone

Concen: 1.764 ug/L

RT: 8.74 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VU035612.D

Acq: 04 Nov 2019 16:57

Tgt Ion: 43 Resp: 17739

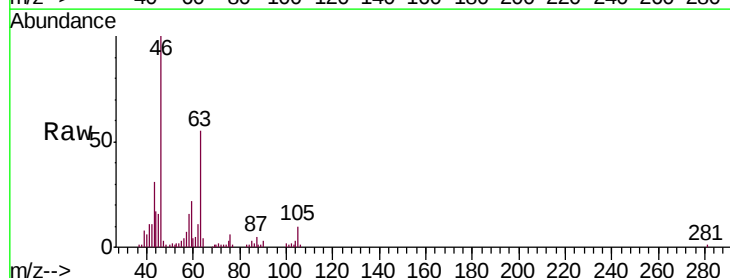
Ion Ratio Lower Upper

43 100

58 54.2 44.1 66.1

57 0.0 15.1 22.7#

100 2.4 9.4 14.2#

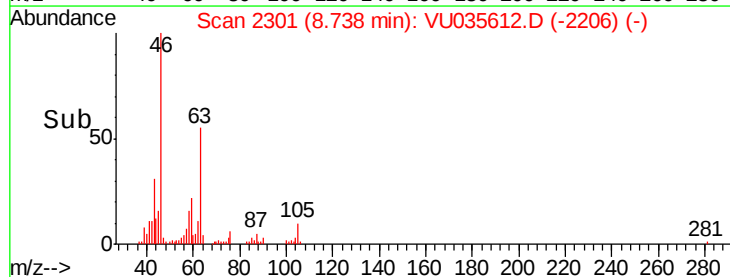
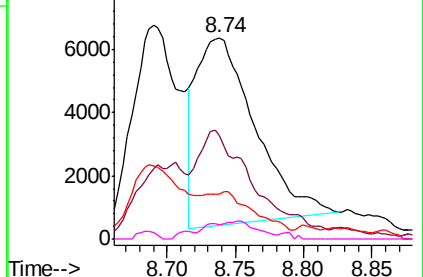


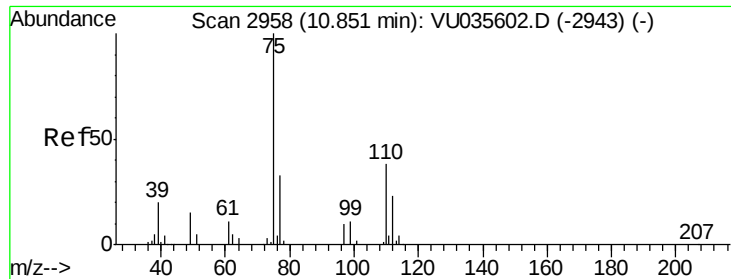
Abundance Ion 43.05 (42.75 to 43.75): VU035612.D (-2299) (-)

Ion 58.05 (57.75 to 58.75): VU035612.D (-2299) (-)

Ion 57.20 (56.90 to 57.90): VU035612.D (-2299) (-)

Ion 100.15 (99.85 to 100.85): VU035612.D (-2299) (-)





#59

1,2,3-Trichloropropane

Concen: 0.691 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035612.D

Acq: 04 Nov 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

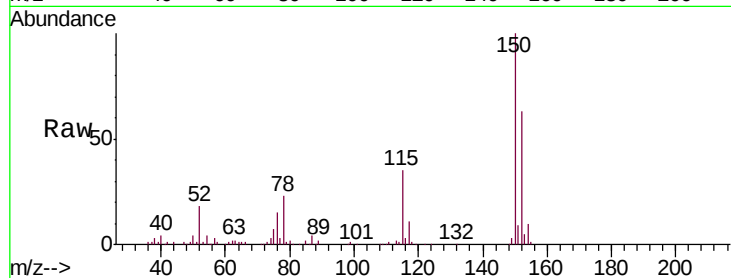
A5453

Tgt Ion: 75 Resp: 11244

Ion Ratio Lower Upper

75 100

77 35.2 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU035612.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VU035612.D (-2336) (-)

