

Data File : VU032765.D
Acq On : 15 Jun 2019 09:43
Operator : JC/SP
Sample : K3385-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMB5

Quant Time: Jun 17 01:30:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 01:26:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24778	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.67	69	23678	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	40994	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.18	46	100470	58.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.76%
24) Chloroform-d	4.64	84	59577	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.30	65	33842	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.33	84	110258	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.32	67	36628	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	93882	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	13927	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	74519	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32737	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	39604	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

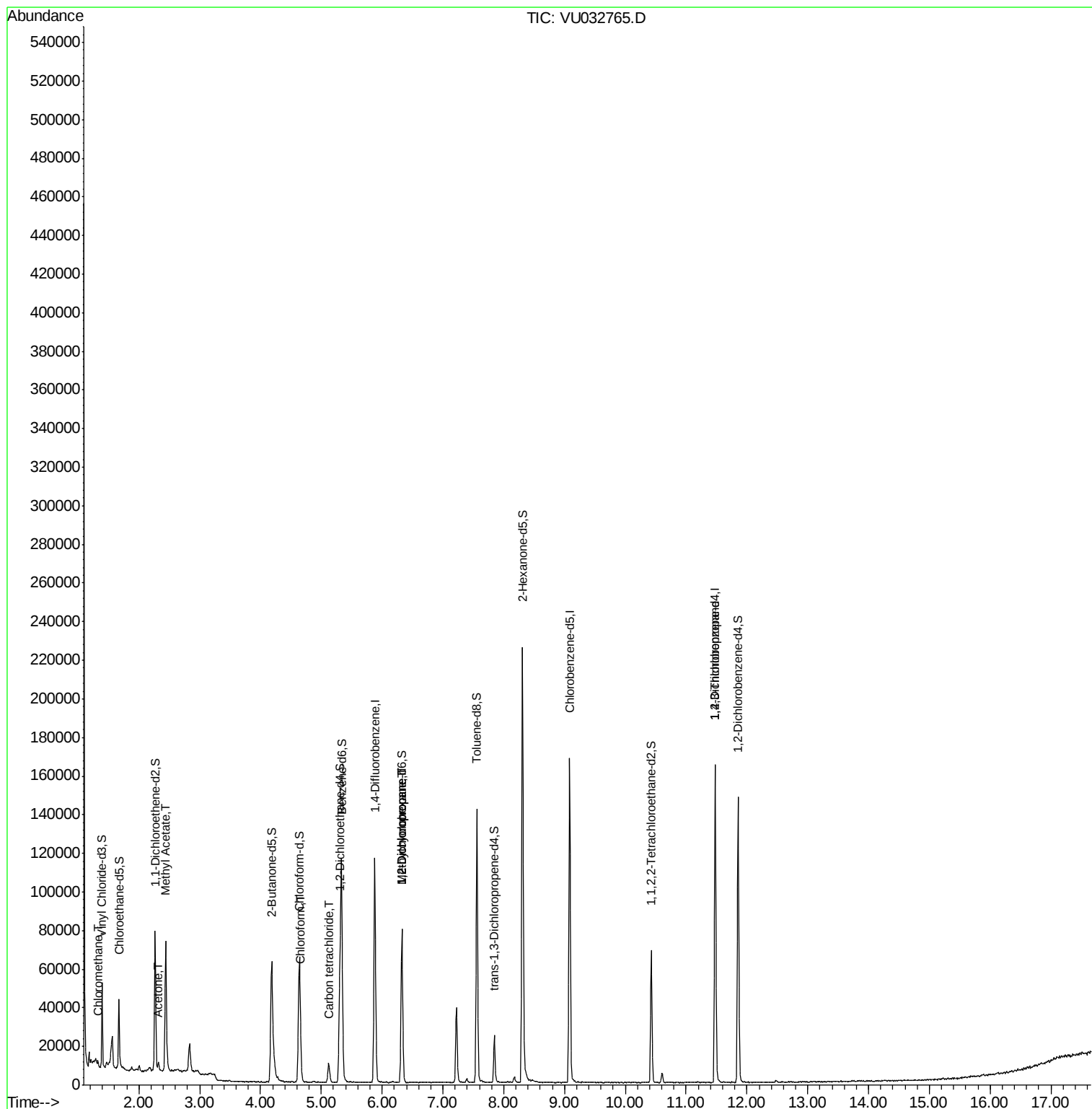
					Qvalue
3) Chloromethane	1.32	50	2015	0.239 ug/L	96
13) Acetone	2.32	43	4150	3.107 ug/L	89
15) Methyl Acetate	2.44	43	16794	4.582 ug/L #	53
25) Chloroform	4.67	83	2706	0.228 ug/L	85
31) Carbon tetrachloride	5.13	117	6835	0.680 ug/L	98
35) Methylcyclohexane	6.32	83	8323	0.673 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4116	0.595 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5475	1.205 ug/L #	81

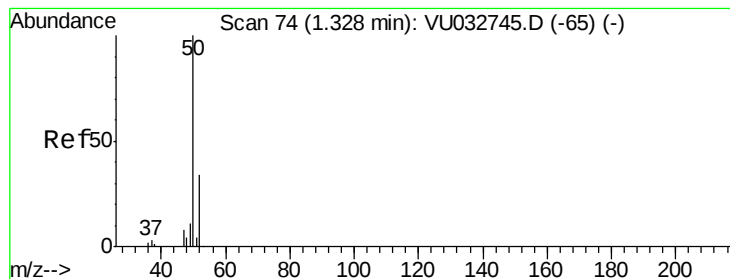
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.239 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 09:43

Instrument :

MSVOA_U

ClientSampleId :

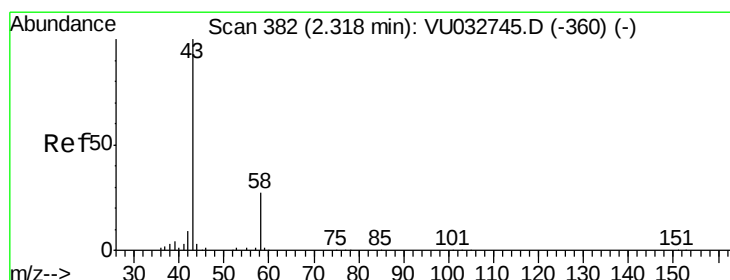
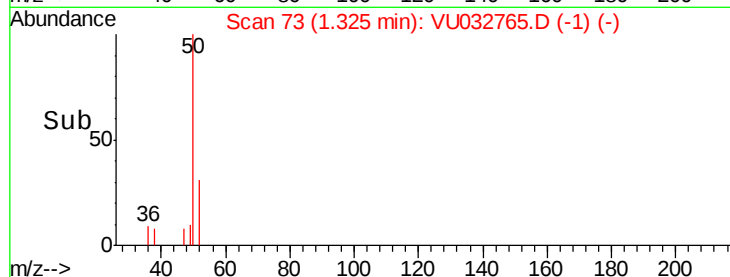
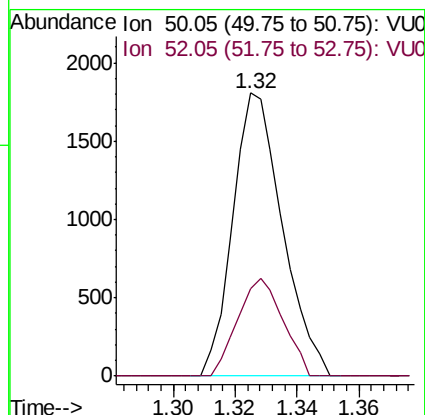
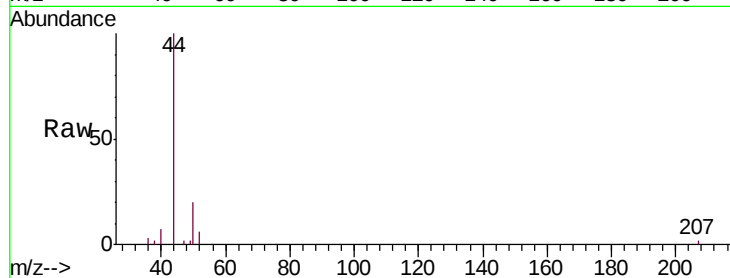
C0MB5

Tgt Ion: 50 Resp: 2015

Ion Ratio Lower Upper

50 100

52 30.9 23.2 43.2



#13

Acetone

Concen: 3.107 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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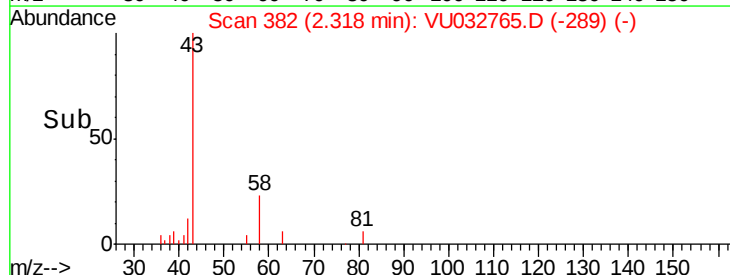
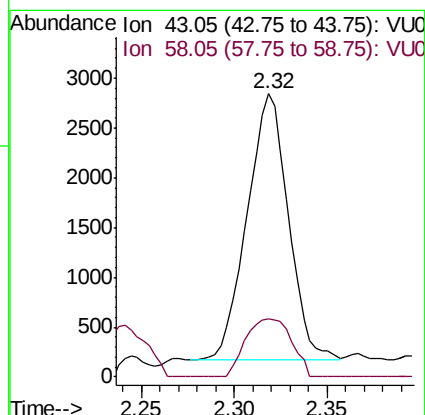
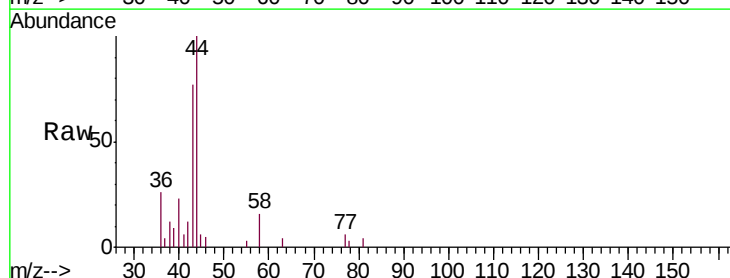
Acq: 15 Jun 2019 09:43

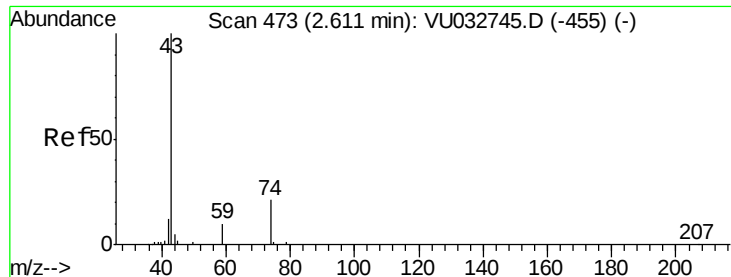
Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

58 24.3 0.0 60.8





#15

Methyl Acetate

Concen: 4.582 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032765.D

Acq: 15 Jun 2019 09:43

Instrument :

MSVOA_U

ClientSampled :

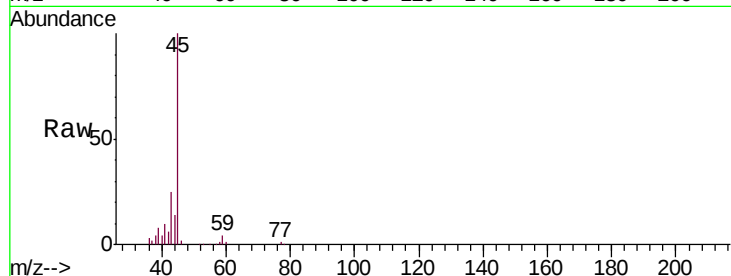
COMB5

Tgt Ion: 43 Resp: 16794

Ion Ratio Lower Upper

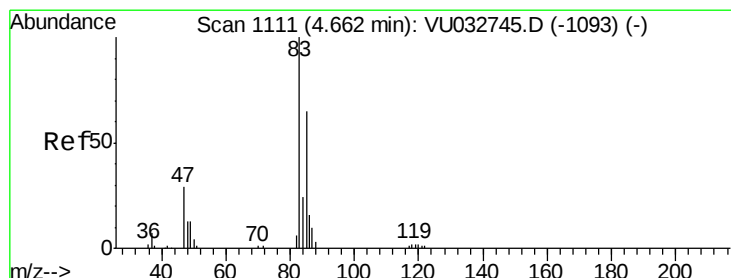
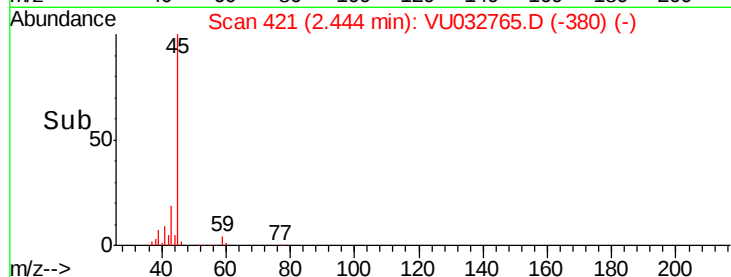
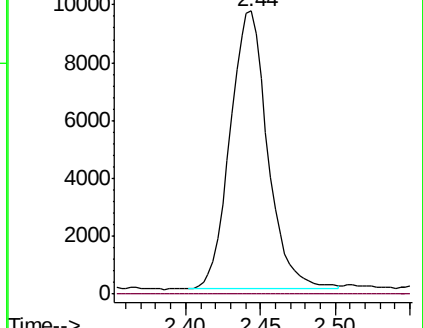
43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032765.D (-380) (-)

Ion 74.05 (73.75 to 74.75): VU032765.D (-380) (-)



#25

Chloroform

Concen: 0.228 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032765.D

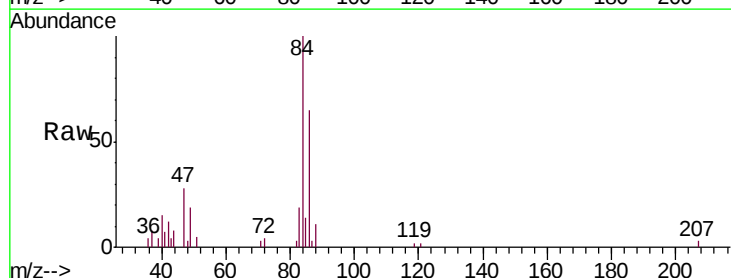
Acq: 15 Jun 2019 09:43

Tgt Ion: 83 Resp: 2706

Ion Ratio Lower Upper

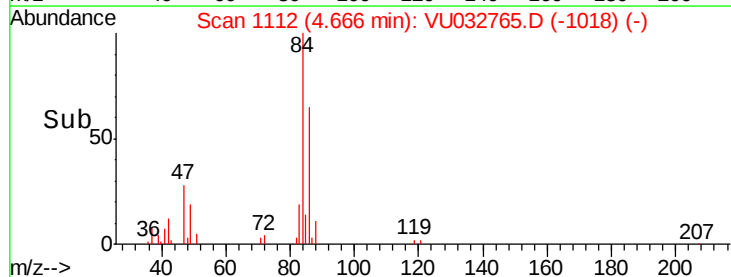
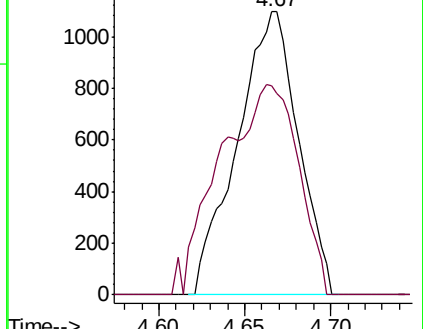
83 100

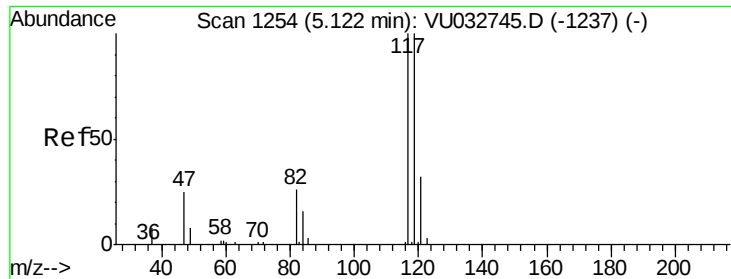
85 73.7 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032765.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VU032765.D (-1018) (-)

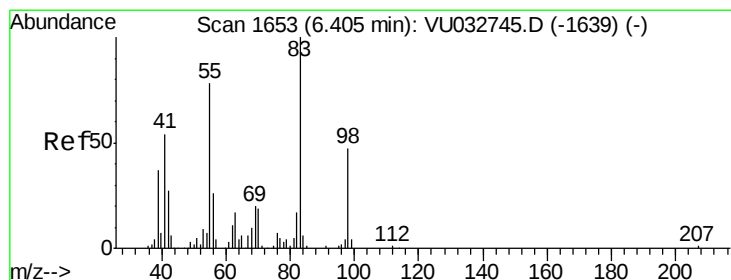
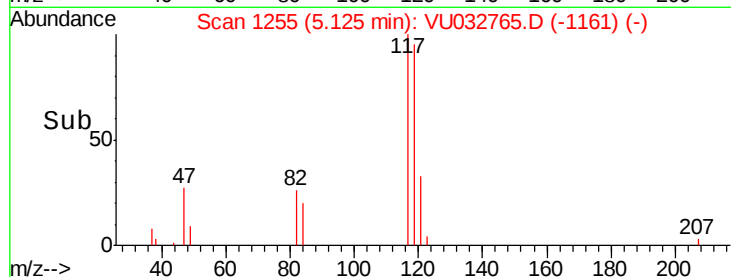
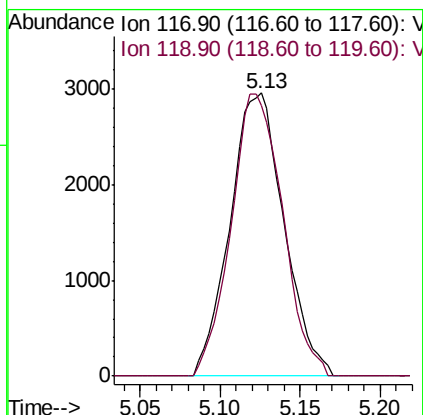
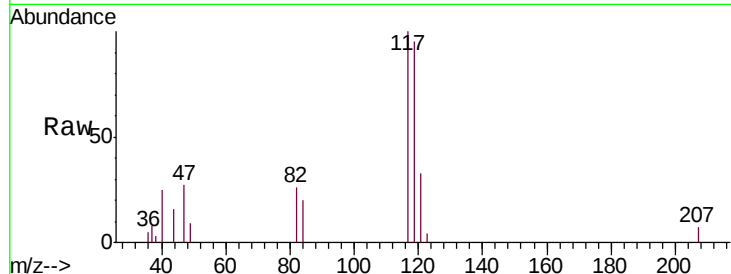




#31
Carbon tetrachloride
Concen: 0.680 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032765.D
Acq: 15 Jun 2019 09:43

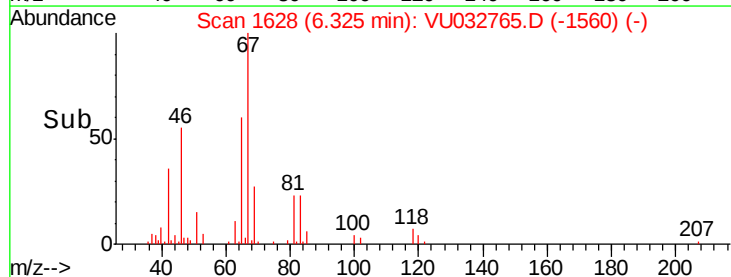
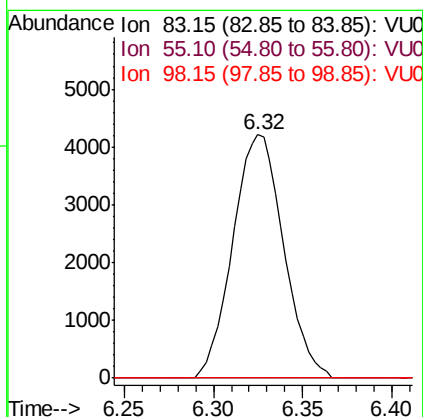
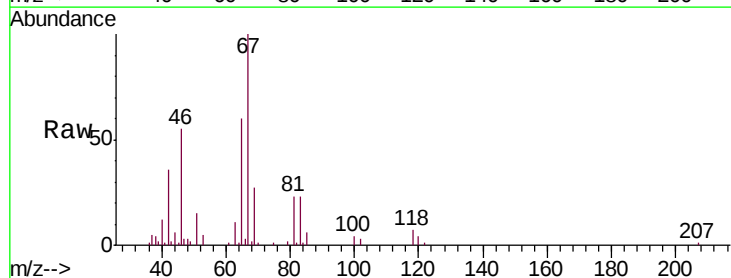
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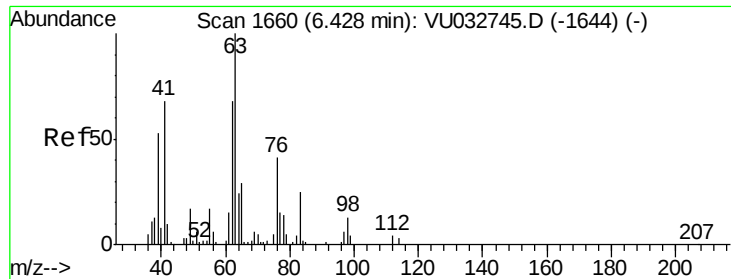
Tgt Ion:117 Resp: 6835
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032765.D
Acq: 15 Jun 2019 09:43

Tgt Ion: 83 Resp: 8323
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.0 37.8 56.8#

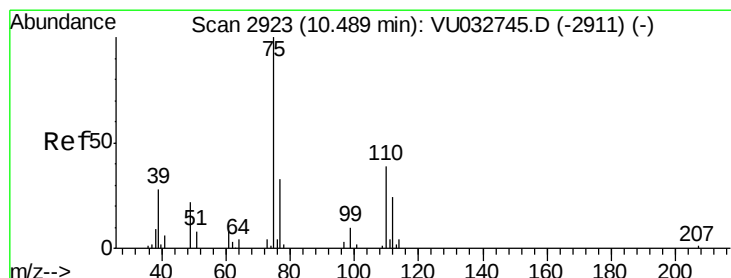
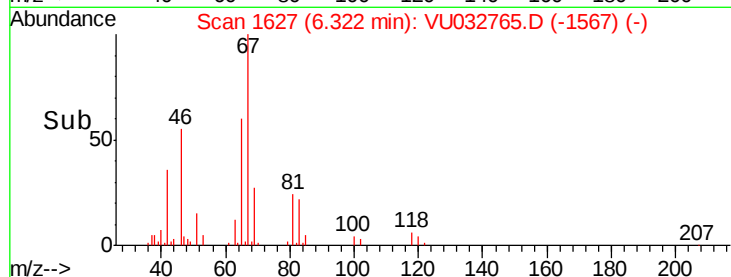
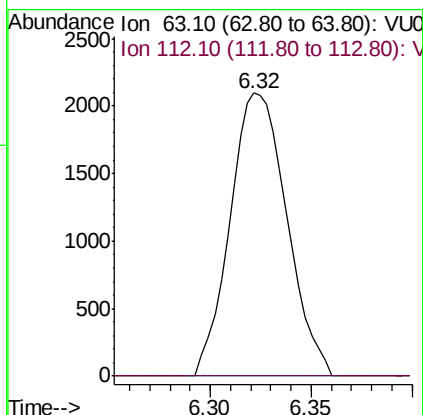
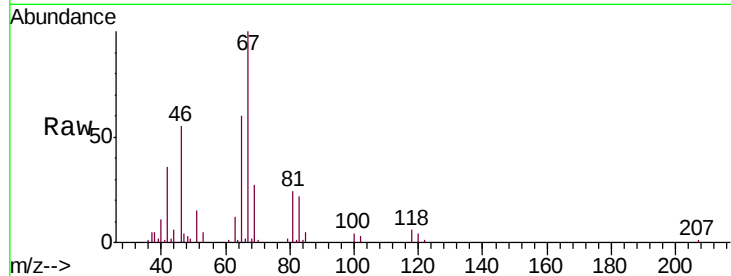




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032765.D
 Acq: 15 Jun 2019 09:43

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB5

Tgt Ion: 63 Resp: 4116
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.205 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032765.D
 Acq: 15 Jun 2019 09:43

Tgt Ion: 75 Resp: 5475
 Ion Ratio Lower Upper
 75 100
 77 42.2 25.3 37.9#

