

Data File : VU032757.D
Acq On : 15 Jun 2019 06:25
Operator : JC/SP
Sample : K3385-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM87

Quant Time: Jun 15 06:48:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 06:39:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25814	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.68	69	23967	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	42743	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.18	46	103269	58.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.52%
24) Chloroform-d	4.64	84	59435	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.30	65	34794	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.33	84	113149	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.32	67	37465	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	96223	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.84	79	13875	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.31	63	76231	50.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34249	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	40241	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

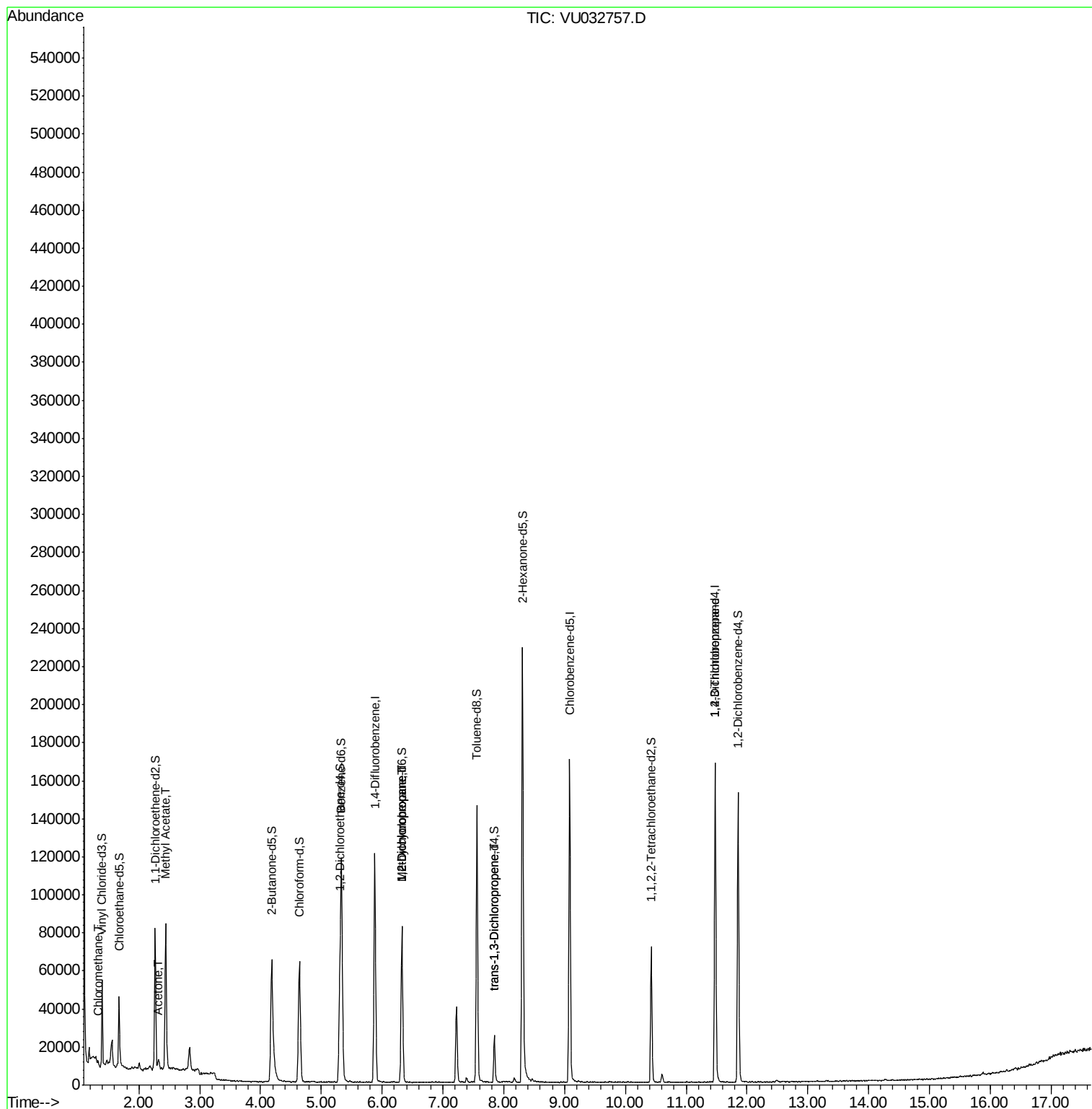
					Qvalue
3) Chloromethane	1.33	50	2241	0.258 ug/L	97
13) Acetone	2.32	43	4696	3.414 ug/L	92
15) Methyl Acetate	2.44	43	19053	5.048 ug/L #	53
35) Methylcyclohexane	6.32	83	8384	0.665 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4136	0.587 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	724	0.084 ug/L	96
59) 1,2,3-Trichloropropene	11.48	75	5324	1.150 ug/L	92

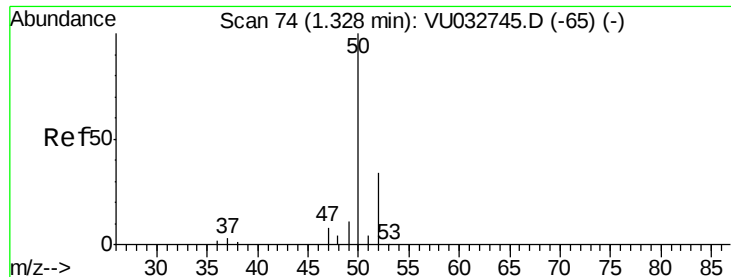
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.258 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 06:25

Instrument :

MSVOA_U

ClientSampleId :

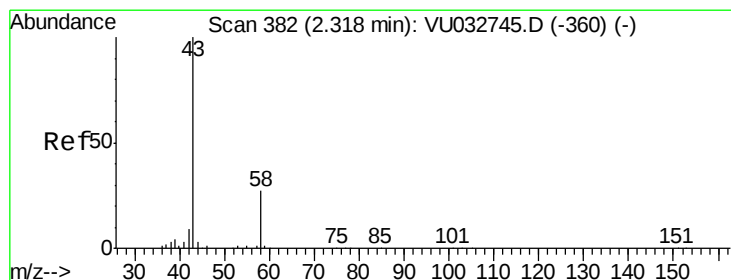
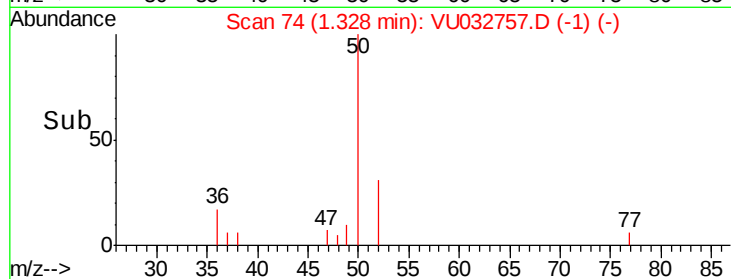
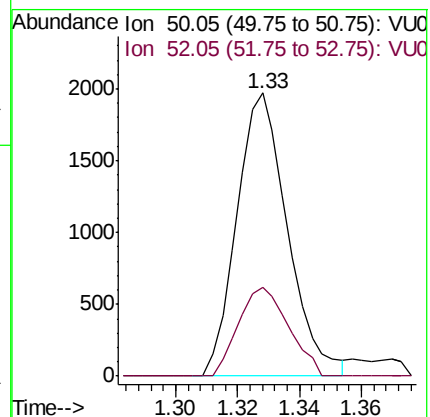
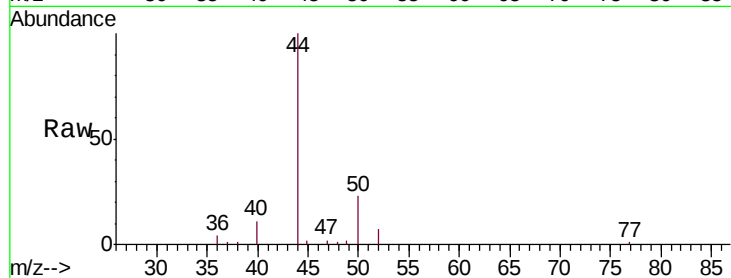
COM87

Tgt Ion: 50 Resp: 2241

Ion Ratio Lower Upper

50 100

52 31.5 23.2 43.2



#13

Acetone

Concen: 3.414 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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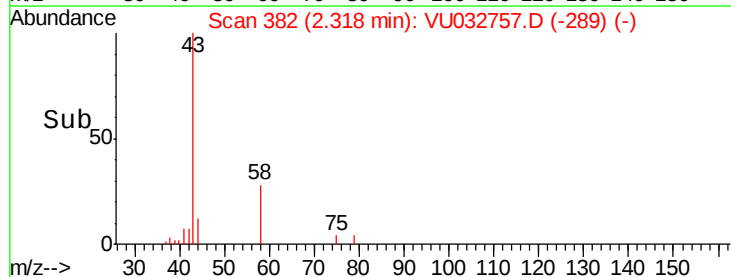
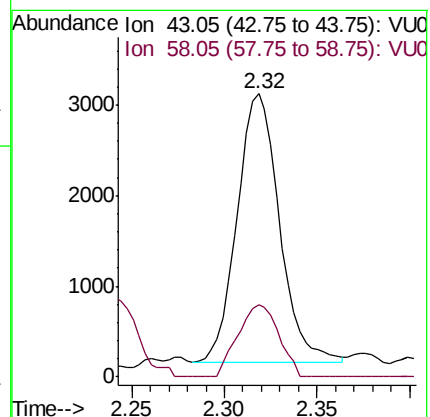
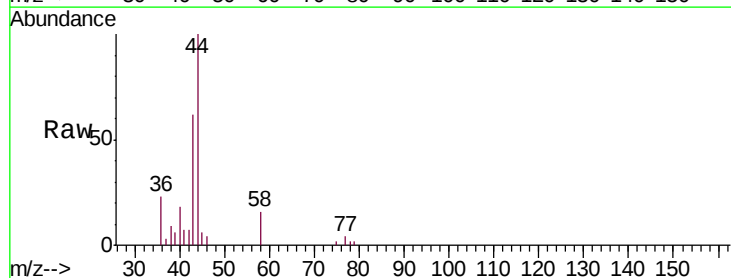
Acq: 15 Jun 2019 06:25

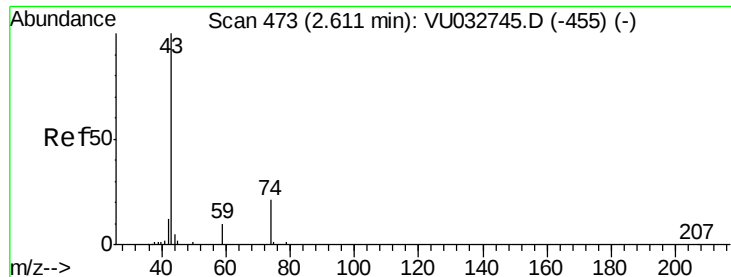
Tgt Ion: 43 Resp: 4696

Ion Ratio Lower Upper

43 100

58 25.9 0.0 60.8





#15

Methyl Acetate

Concen: 5.048 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.17 min

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Instrument :

MSVOA_U

ClientSampleId :

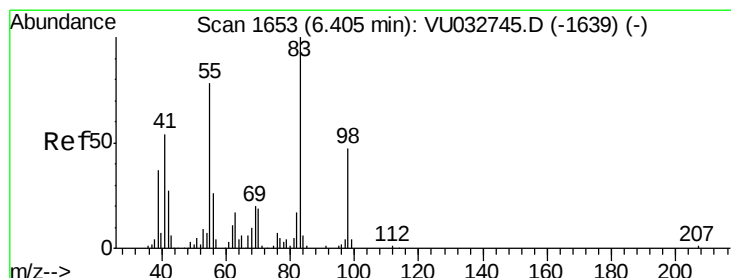
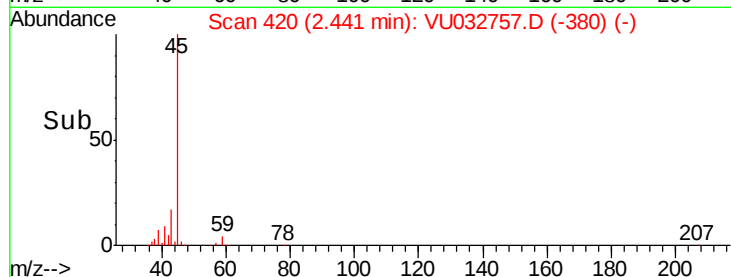
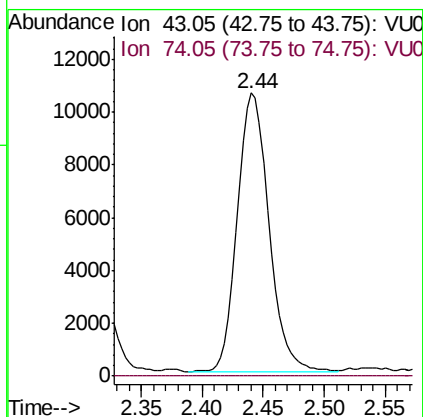
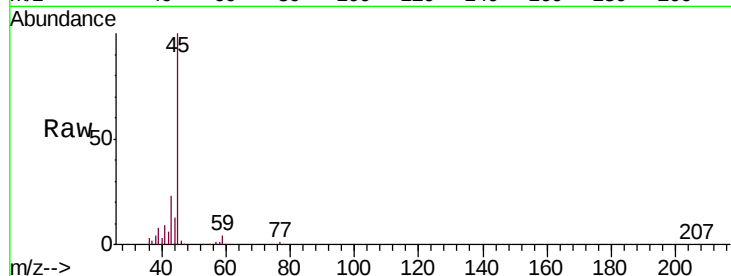
COM87

Tgt Ion: 43 Resp: 19053

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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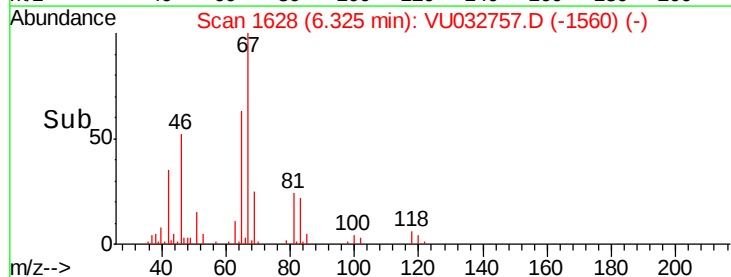
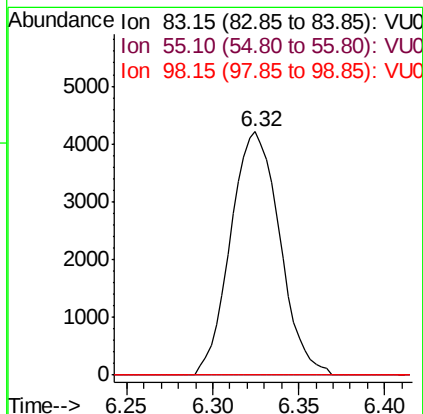
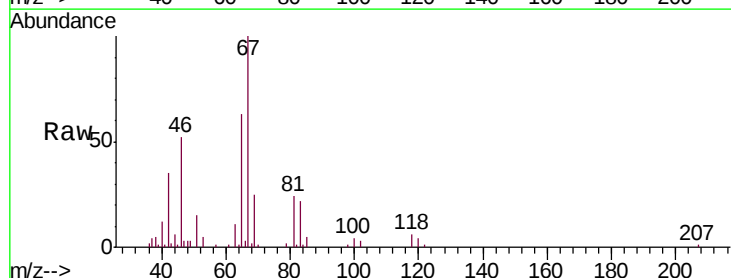
Tgt Ion: 83 Resp: 8384

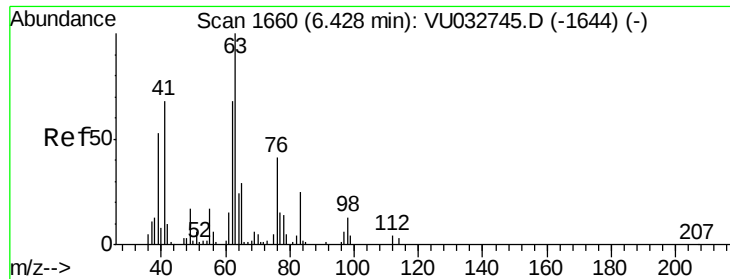
Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.0 37.8 56.8#

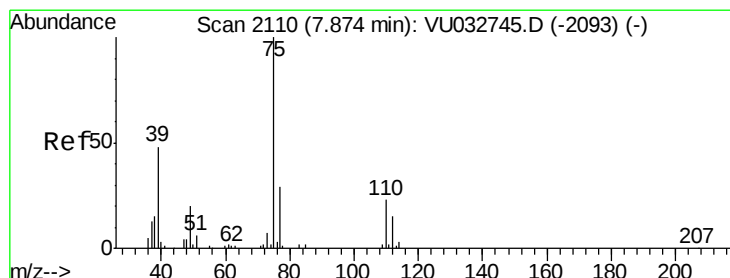
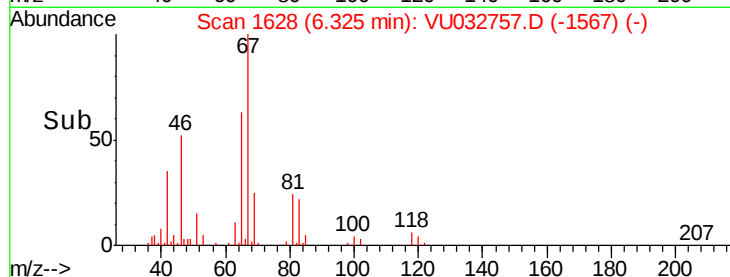
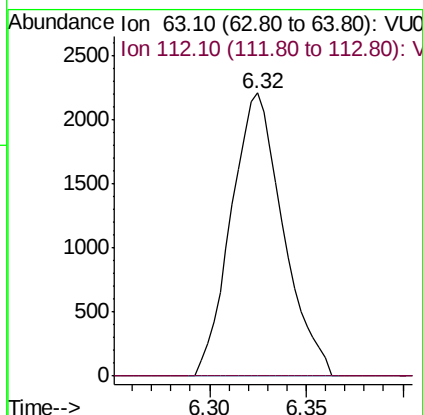
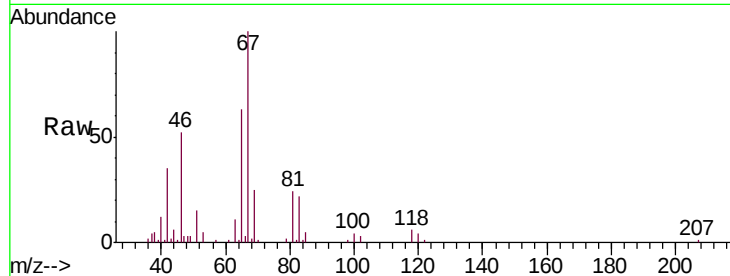




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032757.D
 Acq: 15 Jun 2019 06:25

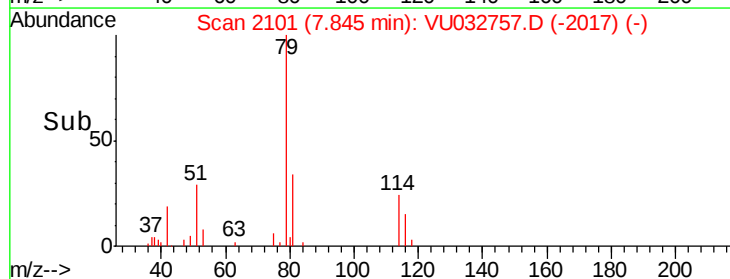
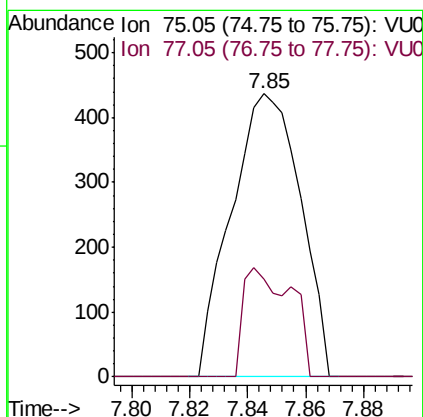
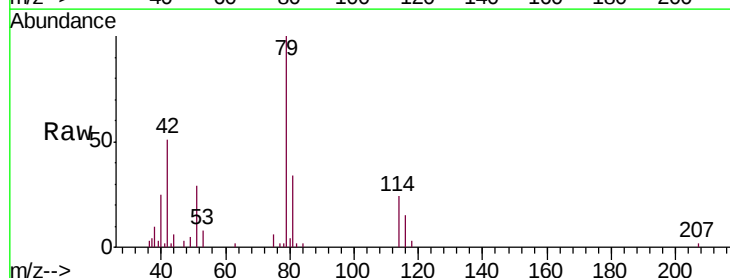
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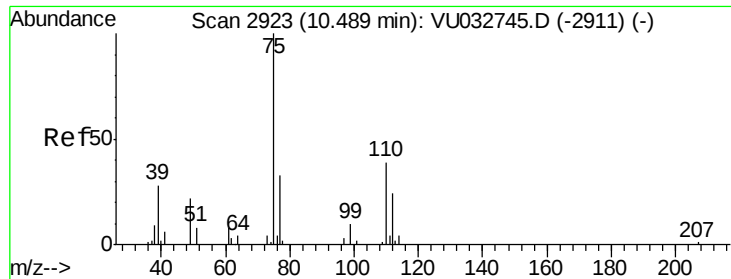
Tgt Ion: 63 Resp: 4136
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032757.D
 Acq: 15 Jun 2019 06:25

Tgt Ion: 75 Resp: 724
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.5 41.7





#59
 1,2,3-Trichloropropane
 Concen: 1.150 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032757.D
 Acq: 15 Jun 2019 06:25

Instrument :
 MSVOA_U
 ClientSampleId :
 COM87

Tgt Ion: 75 Resp: 5324
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.3 37.9

