

Data File : VU032758.D
Acq On : 15 Jun 2019 06:50
Operator : JC/SP
Sample : K3385-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM90

Quant Time: Jun 17 01:29:36 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	97974	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25732	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.67	69	23593	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	41217	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.18	46	102428	57.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.24%
24) Chloroform-d	4.64	84	57667	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.30	65	34175	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.33	84	109012	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.32	67	36475	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.56	98	96016	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	12846	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.31	63	78155	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32631	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	40152	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

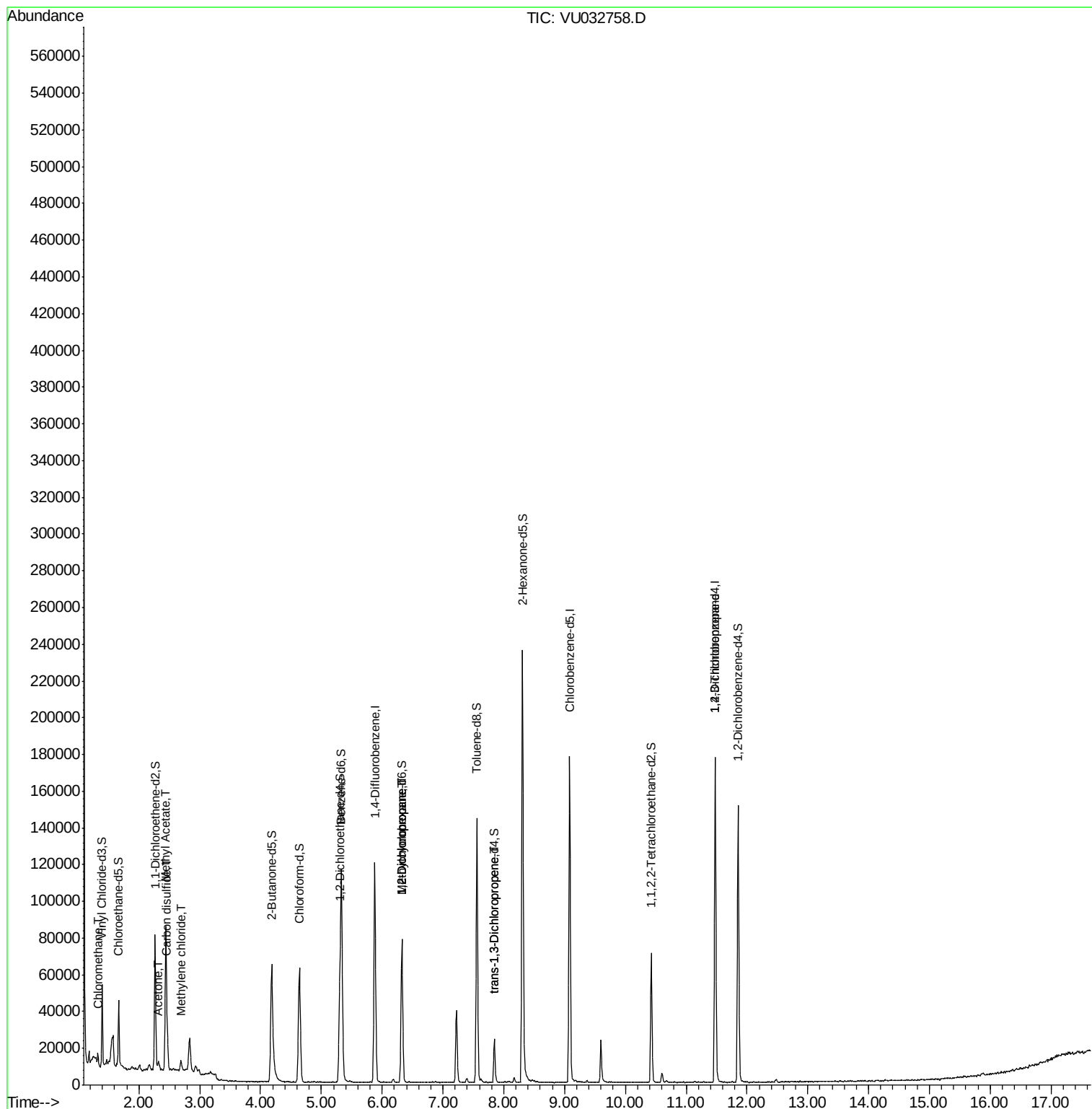
						Qvalue
3) Chloromethane	1.33	50	4212	0.483	ug/L	95
13) Acetone	2.32	43	4288	3.108	ug/L	95
14) Carbon disulfide	2.47	76	15783	0.792	ug/L #	93
15) Methyl Acetate	2.44	43	19197	5.071	ug/L #	53
16) Methylene chloride	2.69	84	2002	0.290	ug/L	91
35) Methylcyclohexane	6.32	83	8401	0.659	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4071	0.571	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	735	0.084	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	5816	1.242	ug/L #	83

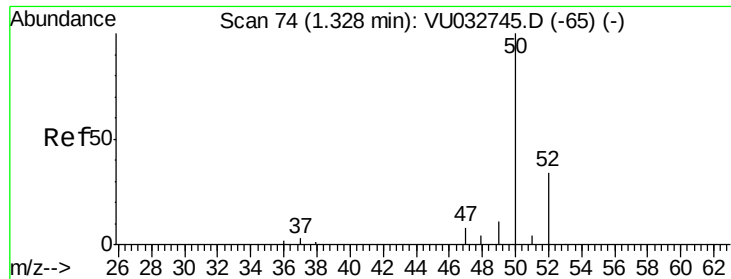
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.483 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

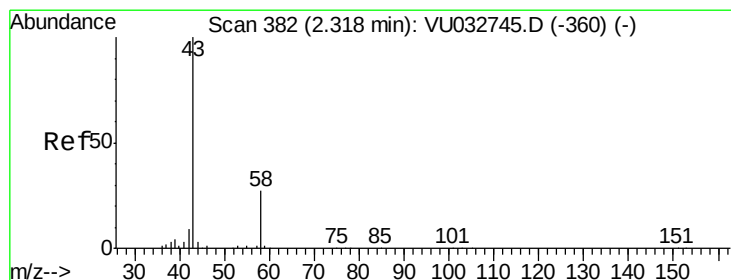
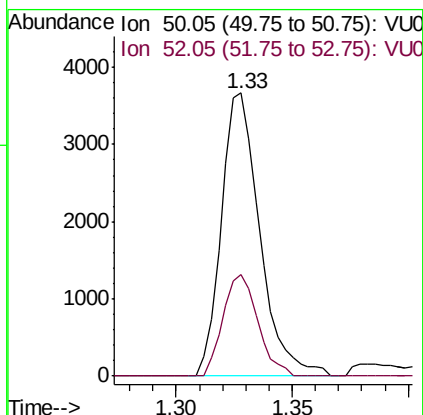
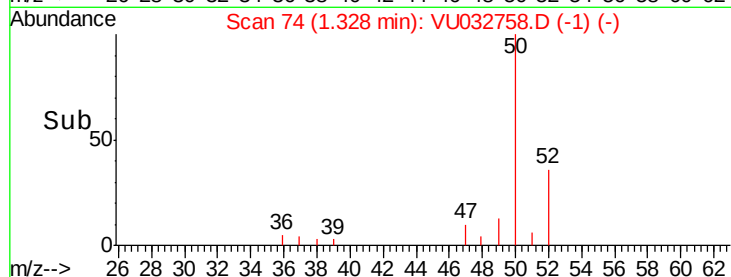
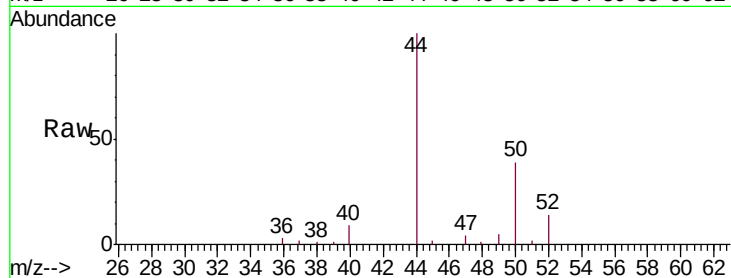
COM90

Tgt Ion: 50 Resp: 4212

Ion Ratio Lower Upper

50 100

52 36.0 23.2 43.2



#13

Acetone

Concen: 3.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032758.D

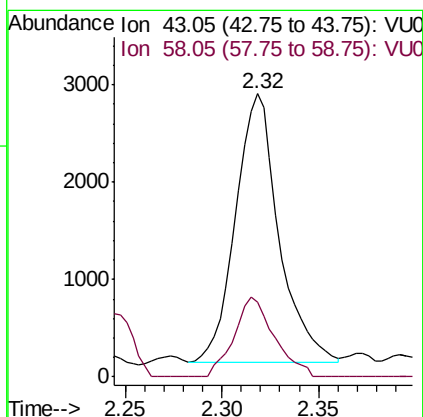
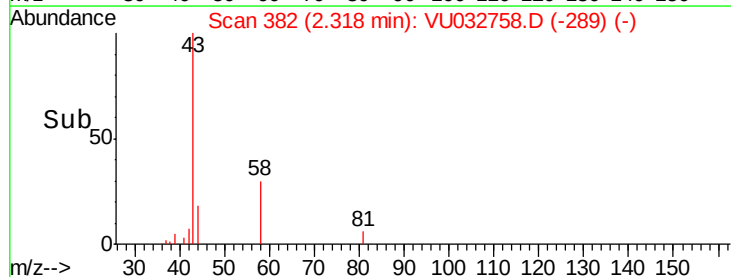
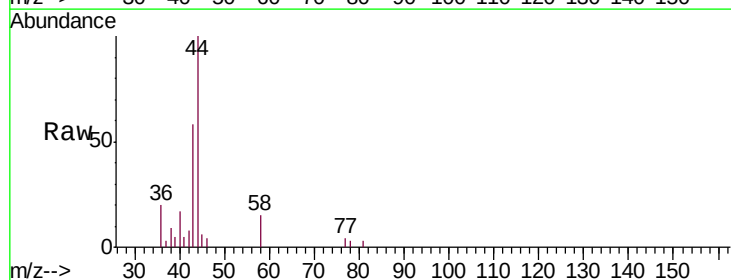
Acq: 15 Jun 2019 06:50

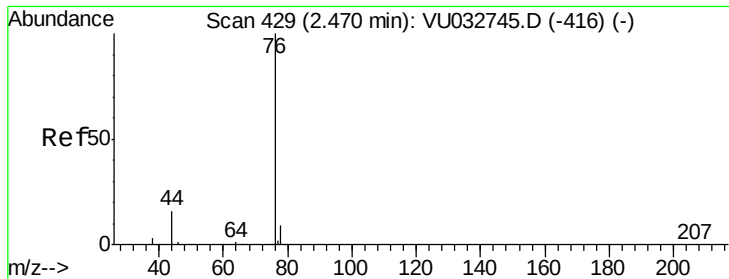
Tgt Ion: 43 Resp: 4288

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.8





#14

Carbon disulfide

Concen: 0.792 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032758.D

Acq: 15 Jun 2019 06:50

Instrument :

MSVOA_U

ClientSampleId :

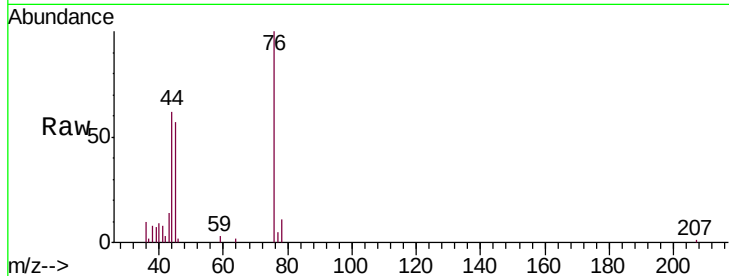
C0M90

Tgt Ion: 76 Resp: 15783

Ion Ratio Lower Upper

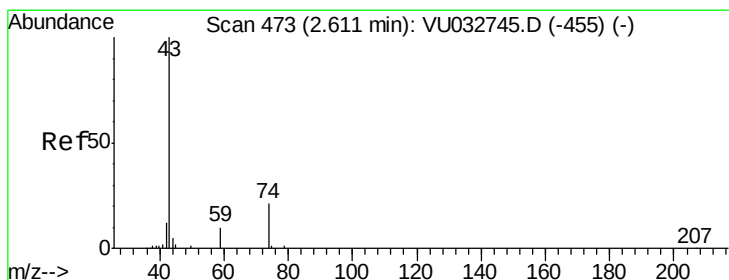
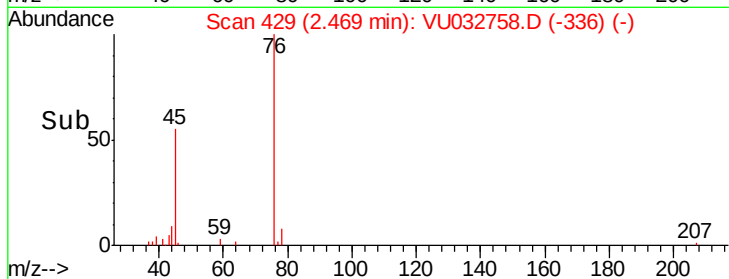
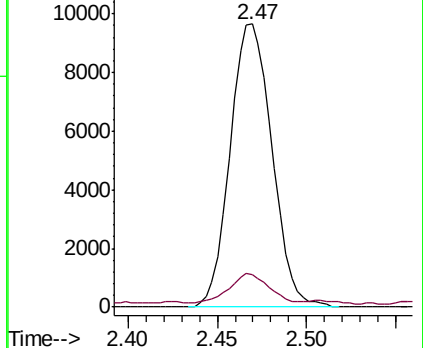
76 100

78 11.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032745.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU032745.D (-416) (-)



#15

Methyl Acetate

Concen: 5.071 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032758.D

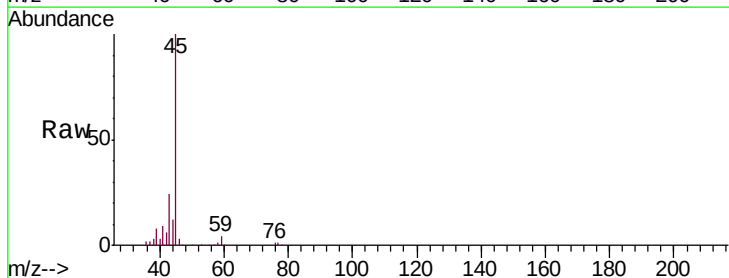
Acq: 15 Jun 2019 06:50

Tgt Ion: 43 Resp: 19197

Ion Ratio Lower Upper

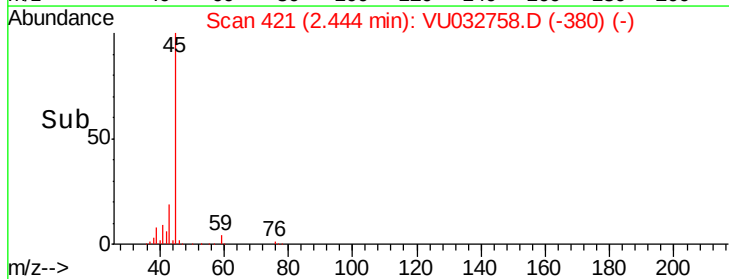
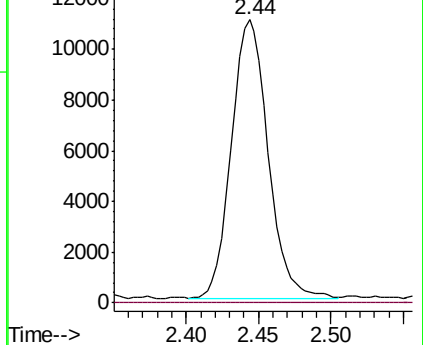
43 100

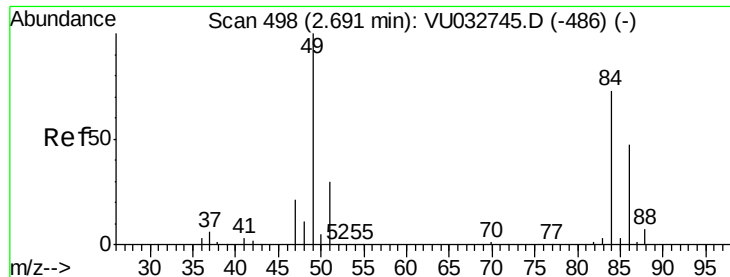
74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-455) (-)

Ion 74.05 (73.75 to 74.75): VU032745.D (-455) (-)

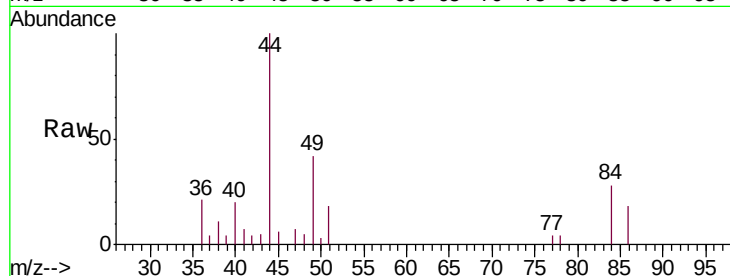




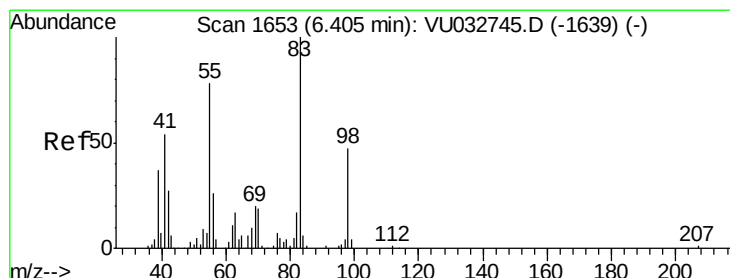
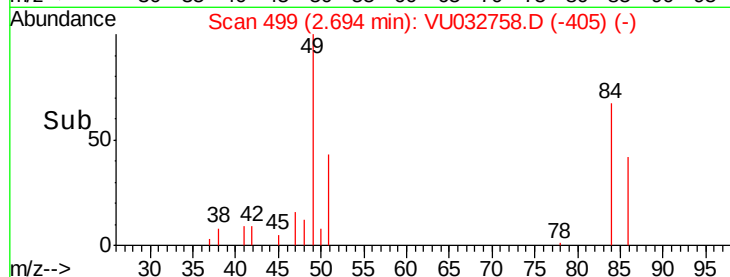
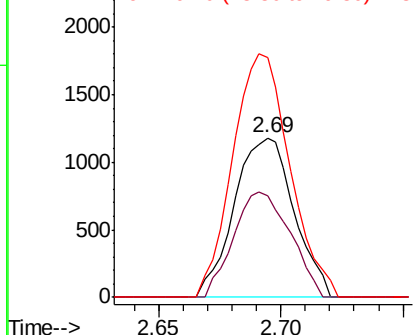
#16
Methylene chloride
Concen: 0.290 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032758.D
Acq: 15 Jun 2019 06:50

Instrument :
MSVOA_U
ClientSampleId :
COM90

Tgt Ion: 84 Resp: 2002
Ion Ratio Lower Upper
84 100
86 63.3 47.2 87.6
49 150.3 95.9 178.1

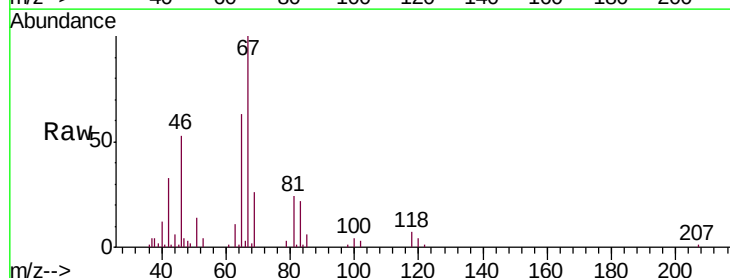


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

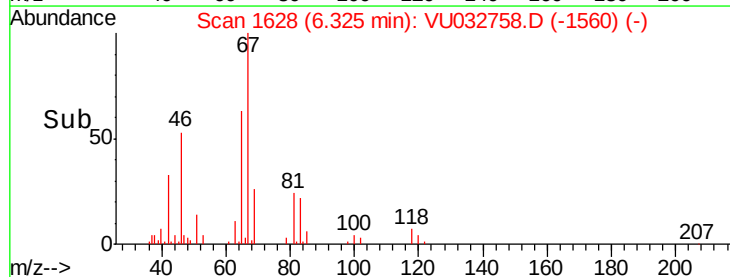
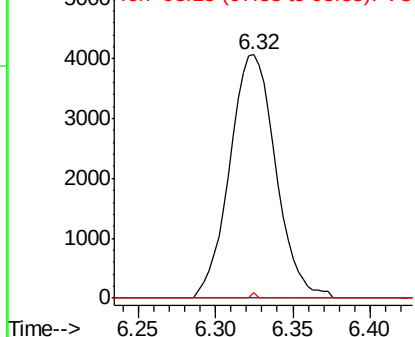


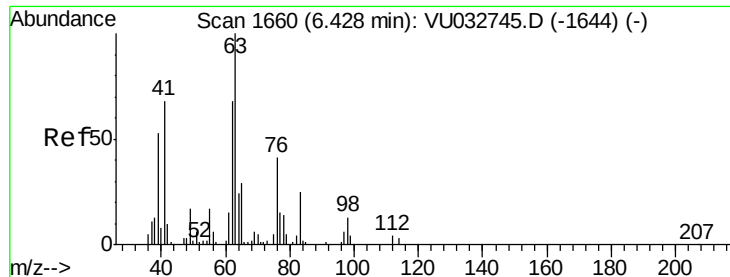
#35
Methylcyclohexane
Concen: 0.659 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032758.D
Acq: 15 Jun 2019 06:50

Tgt Ion: 83 Resp: 8401
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.2 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032758.D

Acq: 15 Jun 2019 06:50

Instrument :

MSVOA_U

ClientSampleId :

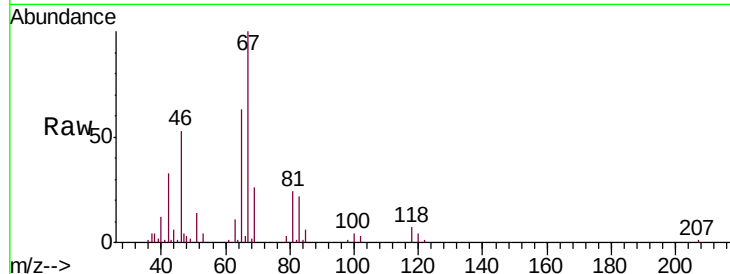
COM90

Tgt Ion: 63 Resp: 4071

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032745.D (-1644) (-)

Ion 112.10 (111.80 to 112.80): VU032745.D (-1644) (-)

6.32

2000

1500

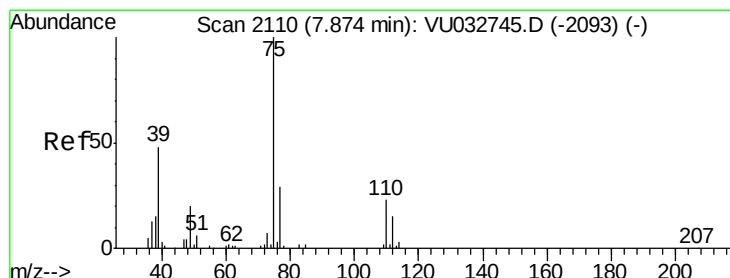
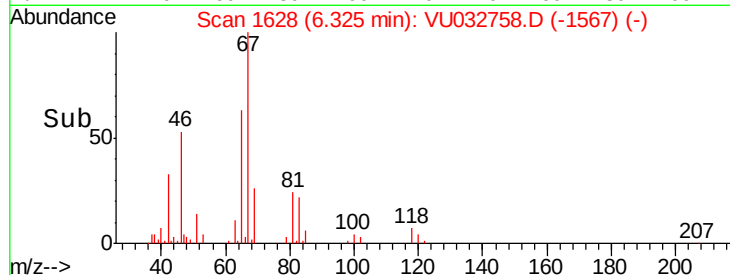
1000

500

0

6.30 6.35

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032758.D

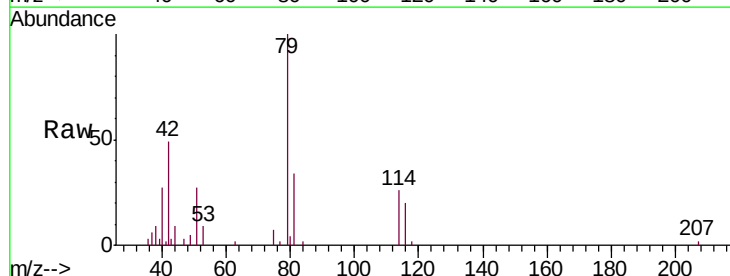
Acq: 15 Jun 2019 06:50

Tgt Ion: 75 Resp: 735

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032745.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU032745.D (-2093) (-)

7.85

500

400

300

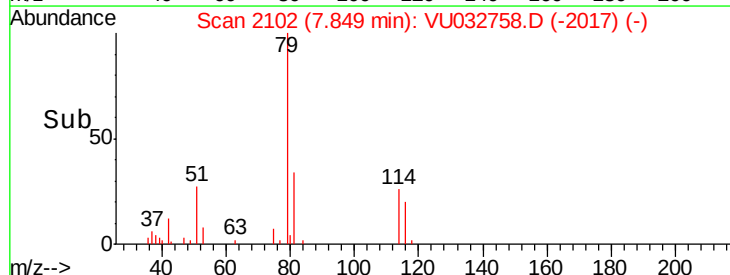
200

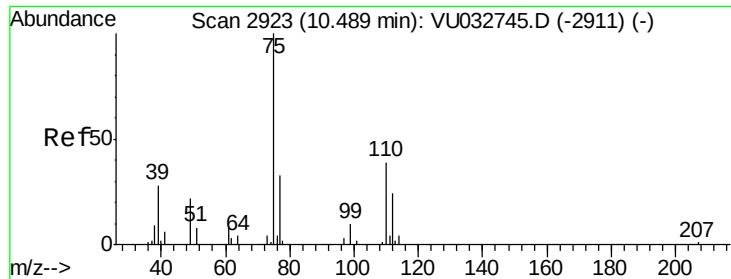
100

0

7.80 7.82 7.84 7.86 7.88

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.242 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032758.D

Acq: 15 Jun 2019 06:50

Instrument :

MSVOA_U

ClientSampleId :

COM90

Tgt Ion: 75 Resp: 5816

Ion Ratio Lower Upper

75 100

77 40.9 25.3 37.9#

