

Data File : VU032767.D
Acq On : 15 Jun 2019 10:32
Operator : JC/SP
Sample : K3385-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM67

Quant Time: Jun 17 01:30:44 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	89576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40230	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24158	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.67	69	21956	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	45204	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.18	46	98481	60.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.18%
24) Chloroform-d	4.64	84	57463	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.30	65	32848	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
32) Benzene-d6	5.33	84	103233	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.32	67	35096	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.56	98	85832	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.85	79	12845	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	74621	54.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31916	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	36716	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

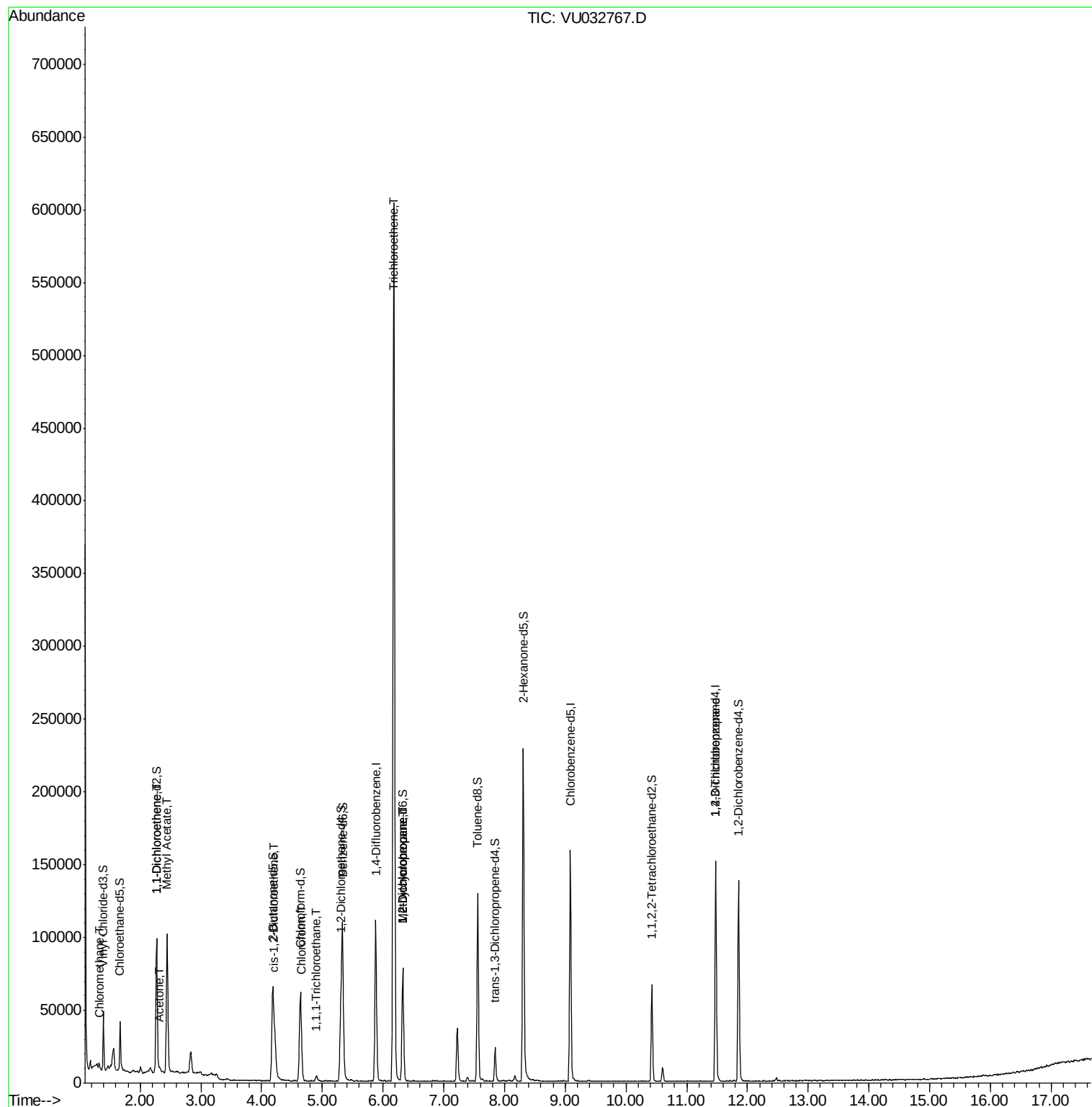
					Qvalue
3) Chloromethane	1.32	50	2804	0.352 ug/L	99
12) 1,1-Dichloroethene	2.28	96	12127	2.131 ug/L #	52
13) Acetone	2.32	43	3472	2.752 ug/L	95
15) Methyl Acetate	2.44	43	24059	6.951 ug/L #	53
22) cis-1,2-Dichloroethene	4.22	96	8892	1.280 ug/L	92
25) Chloroform	4.66	83	3262	0.291 ug/L	93
29) 1,1,1-Trichloroethane	4.90	97	2734	0.269 ug/L	95
34) Trichloroethene	6.18	95	196479	27.728 ug/L	99
35) Methylcyclohexane	6.32	83	7931	0.696 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4217	0.662 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	4812	1.150 ug/L #	82

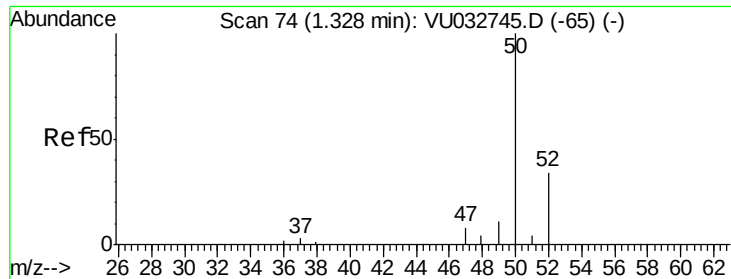
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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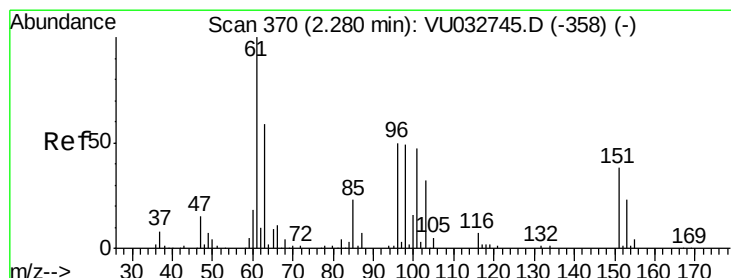
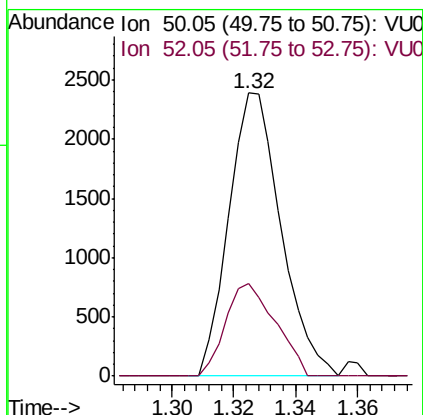
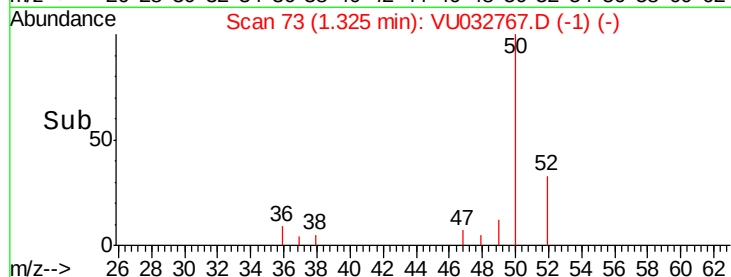
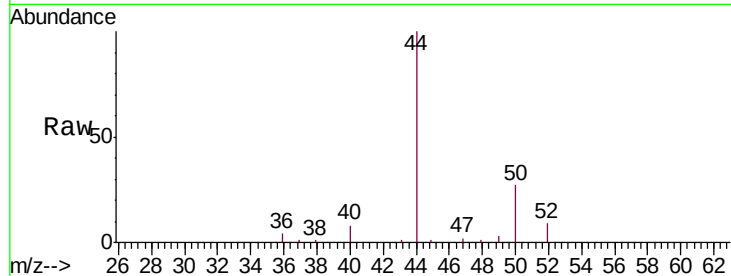




#3
Chloromethane
Concen: 0.352 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

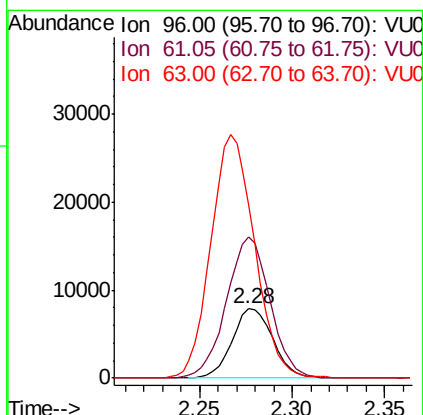
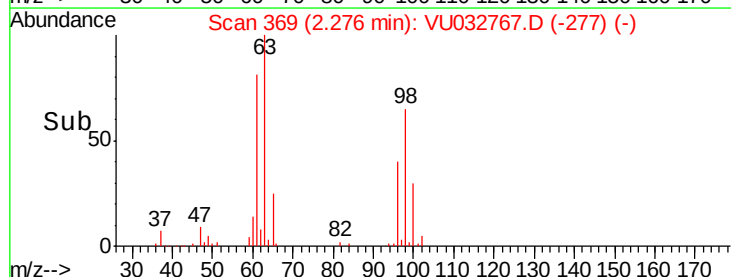
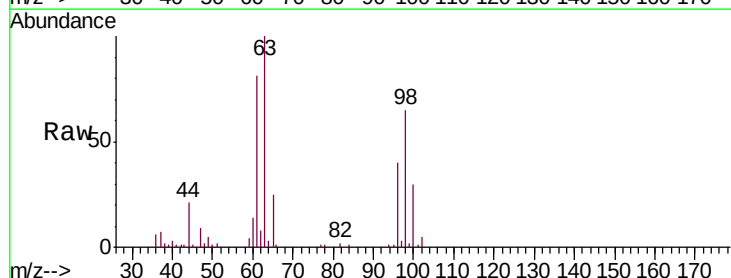
Instrument :
MSVOA_U
ClientSampleId :
COM67

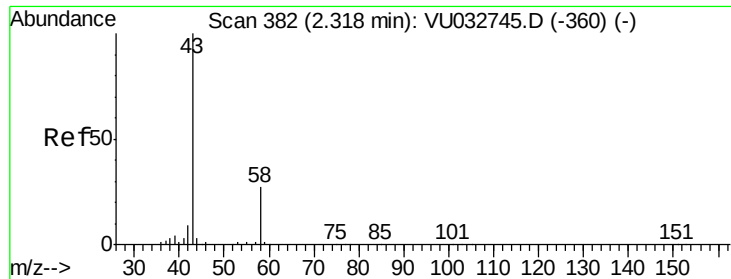
Tgt Ion: 50 Resp: 2804
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2



#12
1,1-Dichloroethene
Concen: 2.131 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

Tgt Ion: 96 Resp: 12127
Ion Ratio Lower Upper
96 100
61 202.4 131.8 244.8
63 249.9 90.1 167.3#





#13

Acetone

Concen: 2.752 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032767.D

Acq: 15 Jun 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

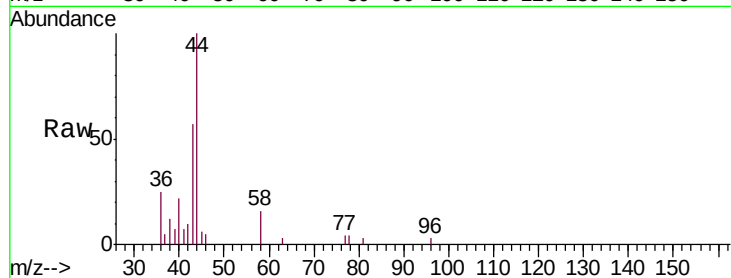
C0M67

Tgt Ion: 43 Resp: 3472

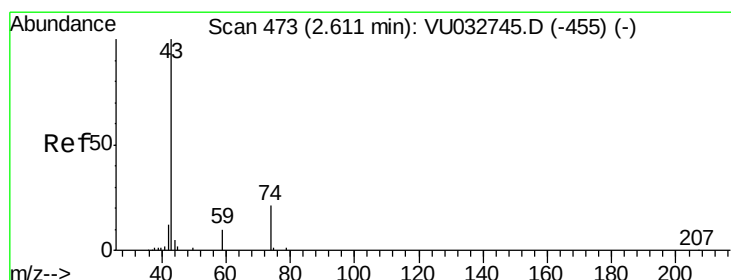
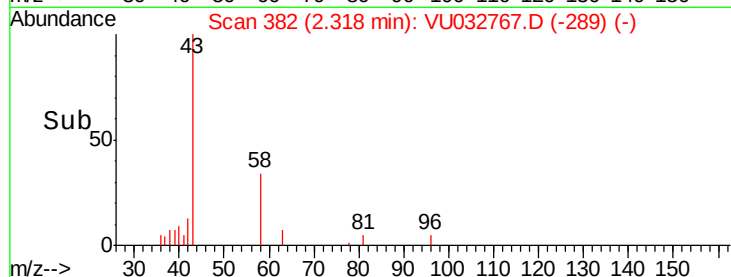
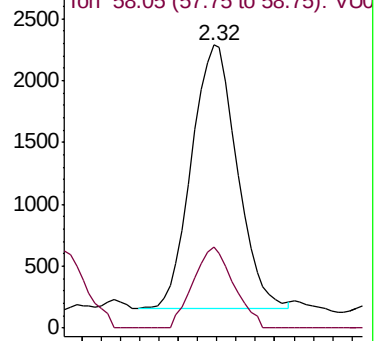
Ion Ratio Lower Upper

43 100

58 27.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-360) (-)



#15

Methyl Acetate

Concen: 6.951 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032767.D

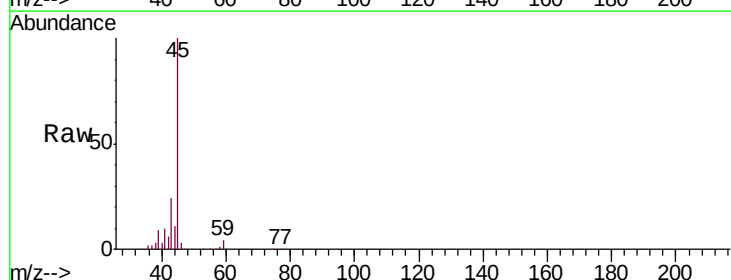
Acq: 15 Jun 2019 10:32

Tgt Ion: 43 Resp: 24059

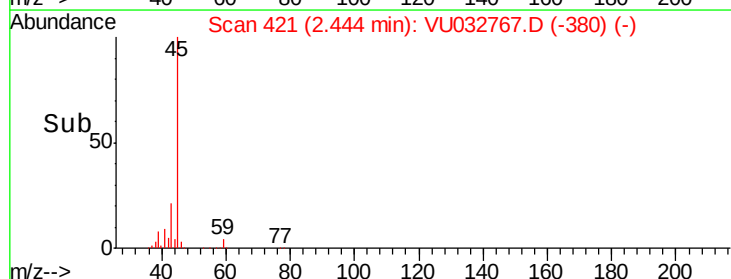
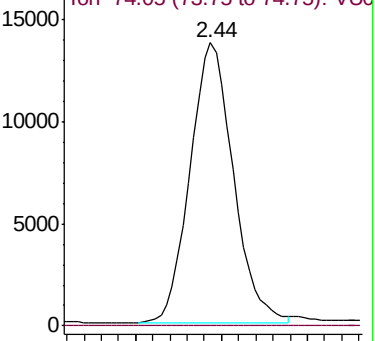
Ion Ratio Lower Upper

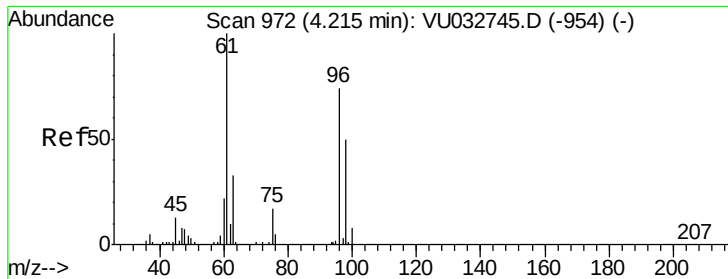
43 100

74 0.0 17.8 26.8#



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



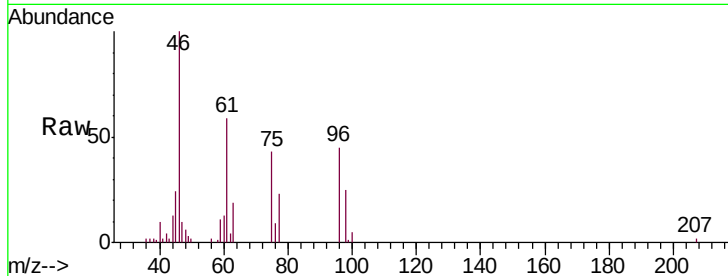


#22

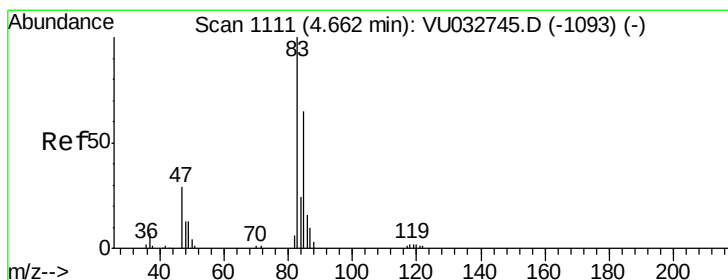
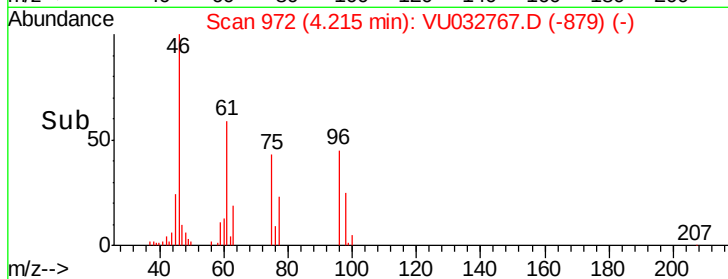
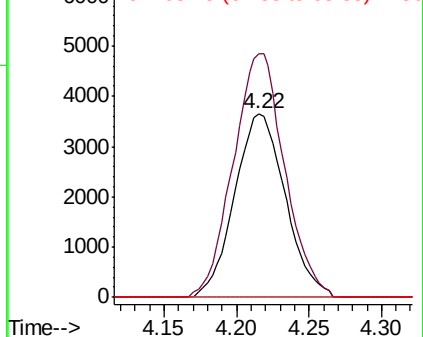
cis-1,2-Dichloroethene
 Concen: 1.280 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032767.D
 Acq: 15 Jun 2019 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 COM67

Tgt Ion: 96 Resp: 8892
 Ion Ratio Lower Upper
 96 100
 61 132.3 86.6 160.8
 68 0.0 0.0 0.0



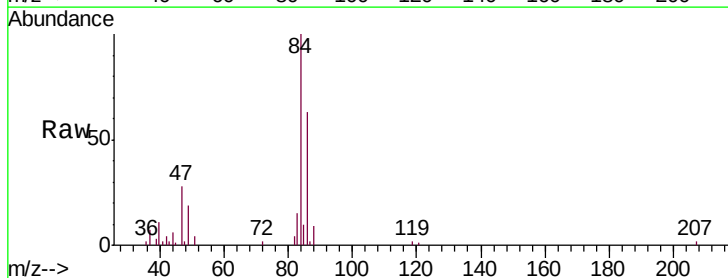
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



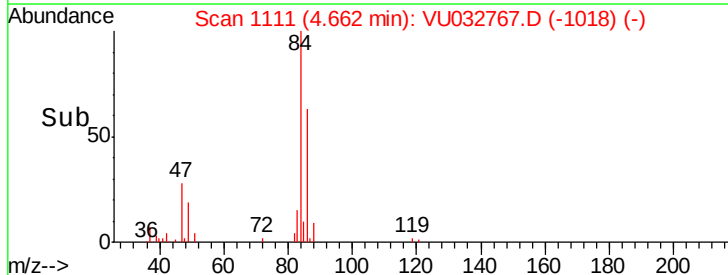
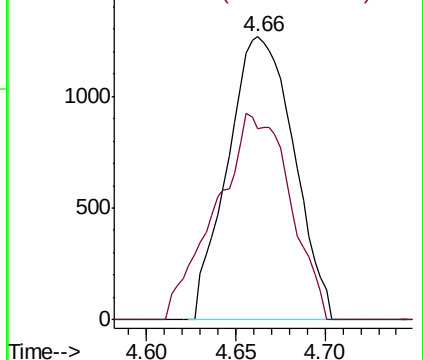
#25

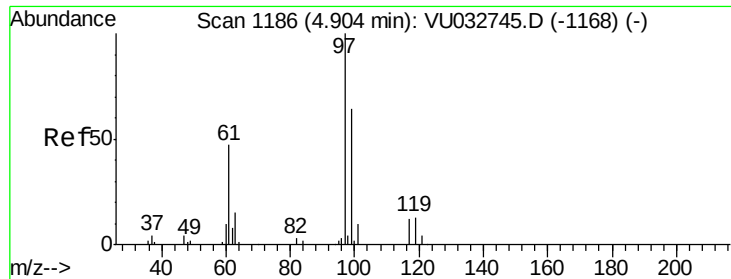
Chloroform
 Concen: 0.291 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VU032767.D
 Acq: 15 Jun 2019 10:32

Tgt Ion: 83 Resp: 3262
 Ion Ratio Lower Upper
 83 100
 85 67.7 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

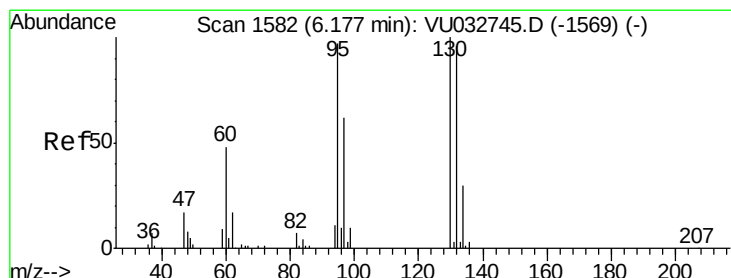
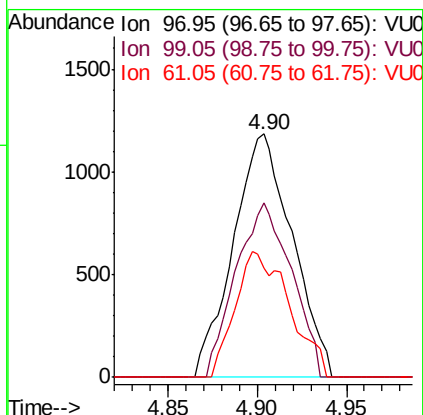
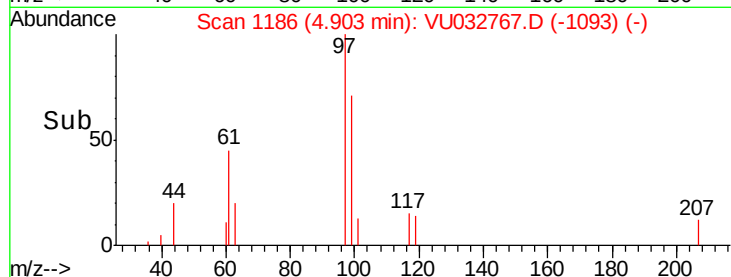
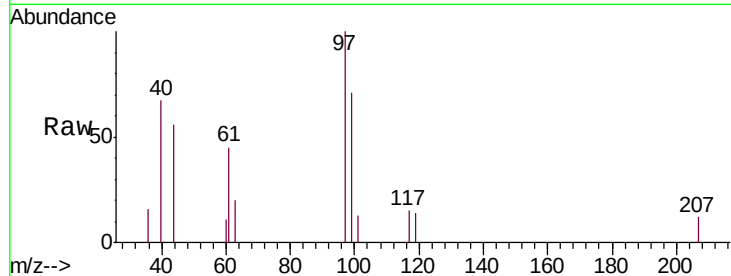




#29
1,1,1-Trichloroethane
Concen: 0.269 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

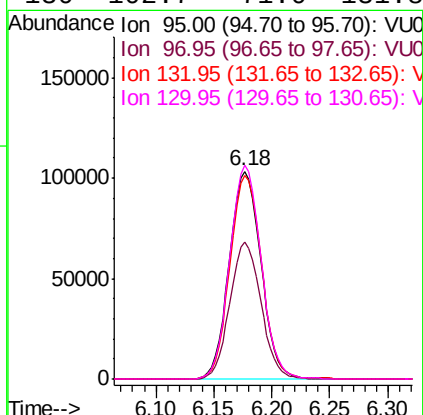
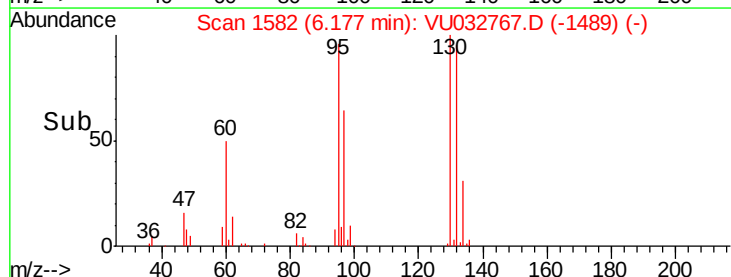
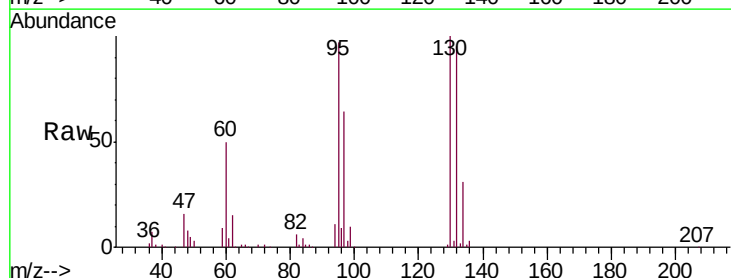
Instrument :
MSVOA_U
ClientSampleId :
COM67

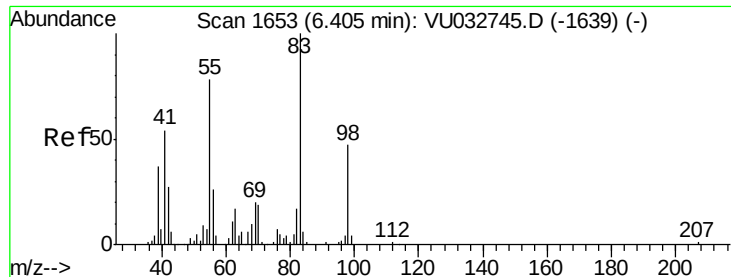
Tgt Ion: 97 Resp: 2734
Ion Ratio Lower Upper
97 100
99 67.3 51.8 77.6
61 47.4 34.7 52.1



#34
Trichloroethene
Concen: 27.728 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

Tgt Ion: 95 Resp: 196479
Ion Ratio Lower Upper
95 100
97 65.7 44.1 81.9
132 98.0 68.8 127.8
130 102.7 71.0 131.8

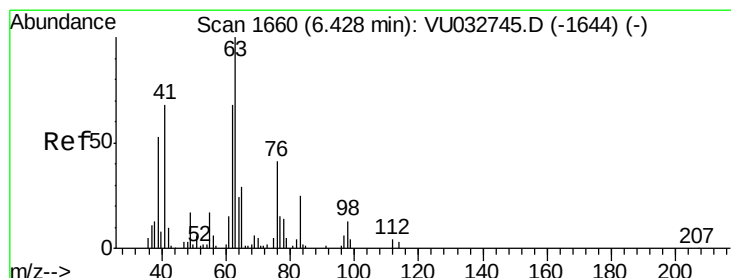
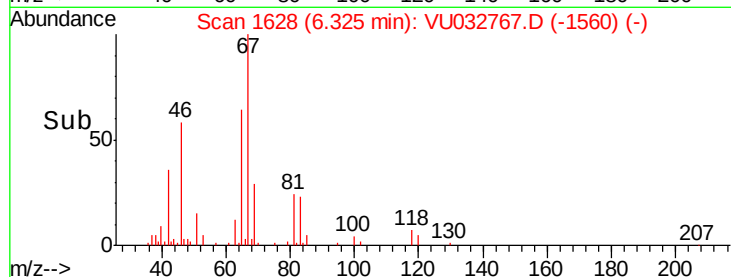
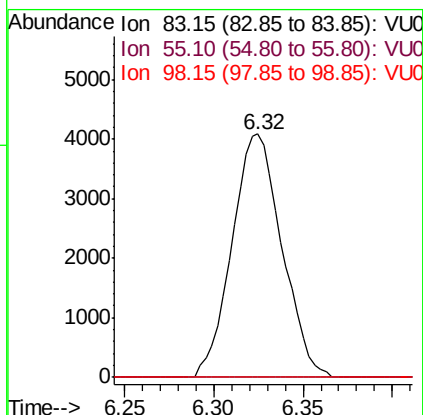
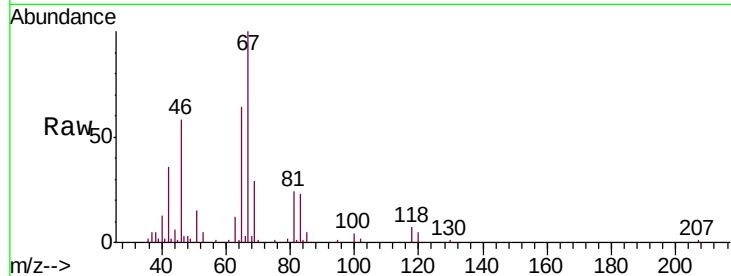




#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

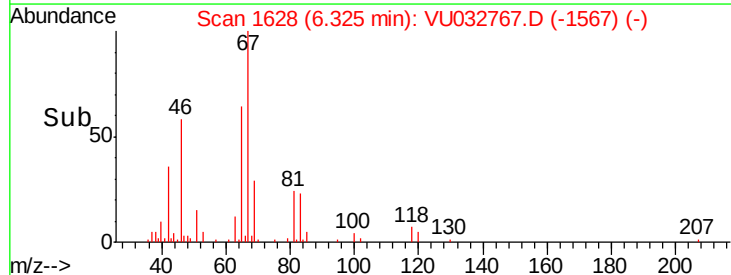
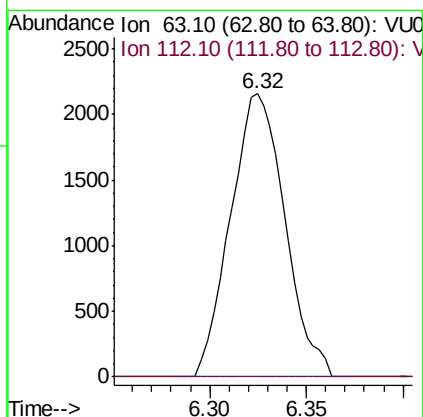
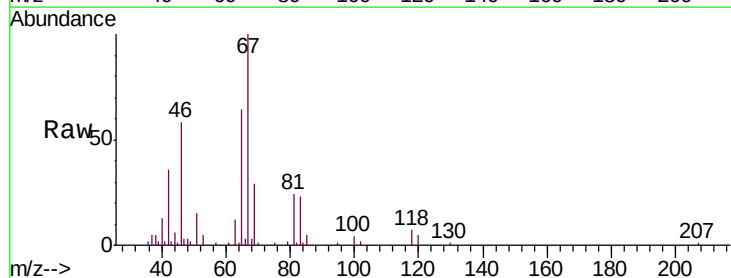
Instrument :
MSVOA_U
ClientSampled :
COM67

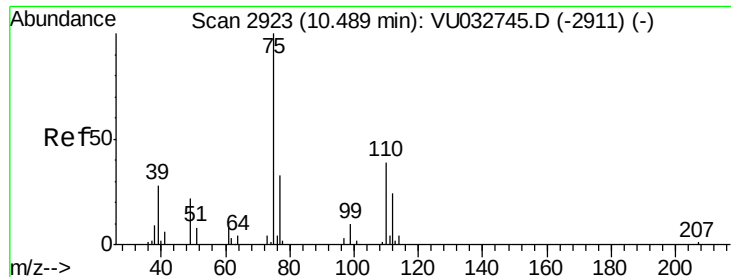
Tgt Ion: 83 Resp: 7931
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032767.D
Acq: 15 Jun 2019 10:32

Tgt Ion: 63 Resp: 4217
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#59

1,2,3-Trichloropropane

Concen: 1.150 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032767.D

Acq: 15 Jun 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

COM67

Tgt Ion: 75 Resp: 4812

Ion Ratio Lower Upper

75 100

77 41.4 25.3 37.9#

