

Data File : VU032707.D
Acq On : 13 Jun 2019 20:31
Operator : JC/SP
Sample : K3364-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM29

Quant Time: Jun 14 07:42:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	27990	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	24246	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	78672	6.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.40%#
20) 2-Butanone-d5	4.19	46	92731	54.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	4.64	84	58126	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	33230	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.33	84	111979	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.32	67	37377	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	97673	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	12445	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	59738	40.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27973	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	38843	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1170	0.139	ug/L 87
12) 1,1-Dichloroethene	2.28	96	59266	9.891	ug/L 87
13) Acetone	2.32	43	3834	2.887	ug/L 86
15) Methyl Acetate	2.61	43	758	0.208	ug/L # 53
16) Methylene chloride	2.69	84	768	0.116	ug/L 94
19) 1,1-Dichloroethane	3.43	63	4043	0.349	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	34782	4.754	ug/L 92
25) Chloroform	4.66	83	1564	0.132	ug/L 80
29) 1,1,1-Trichloroethane	4.90	97	55223	5.011	ug/L 97
31) Carbon tetrachloride	4.90	117	7316	0.730	ug/L 94
34) Trichloroethene	6.18	95	1085455	141.519	ug/L 99
35) Methylcyclohexane	6.33	83	8414	0.682	ug/L # 19
37) 1,2-Dichloropropane	6.32	63	4215	0.611	ug/L # 89
48) 2-Hexanone	8.37	43	7183	2.047	ug/L # 83
59) 1,2,3-Trichloropropane	11.48	75	5455	1.204	ug/L 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

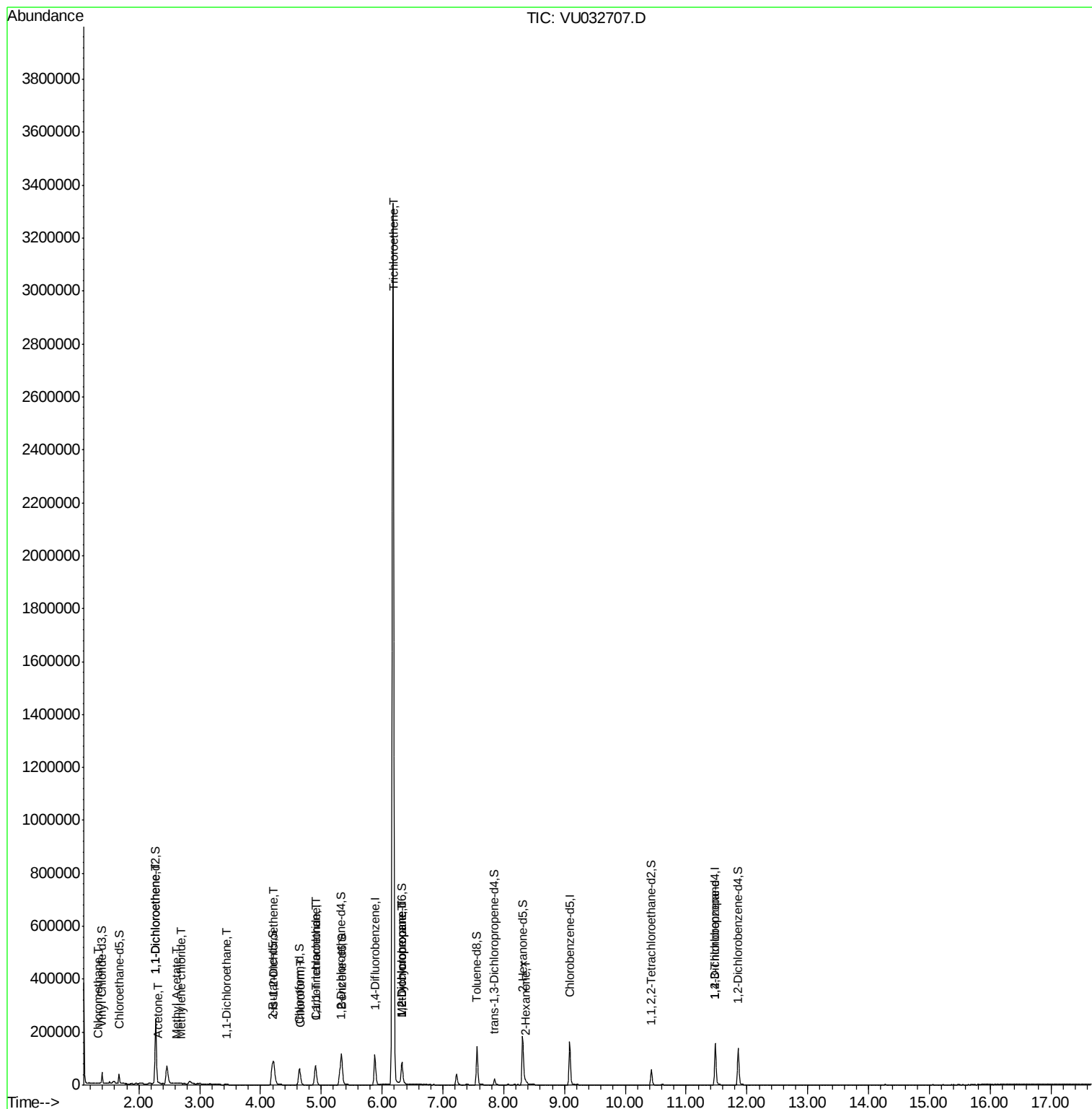
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

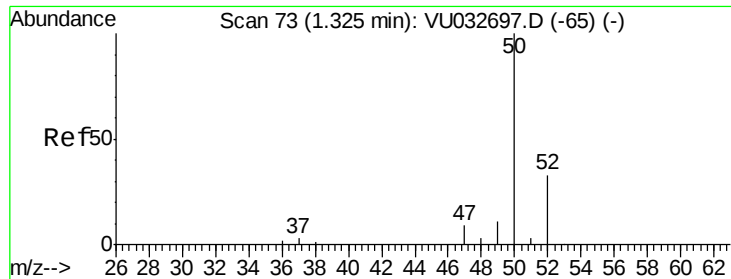
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.139 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

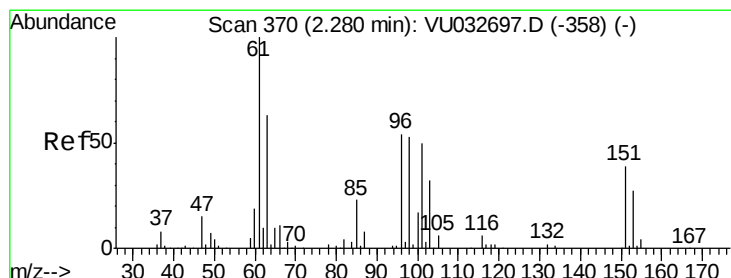
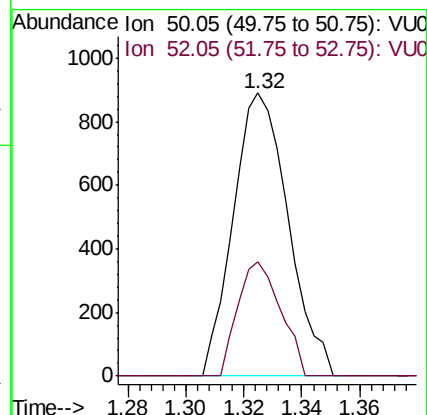
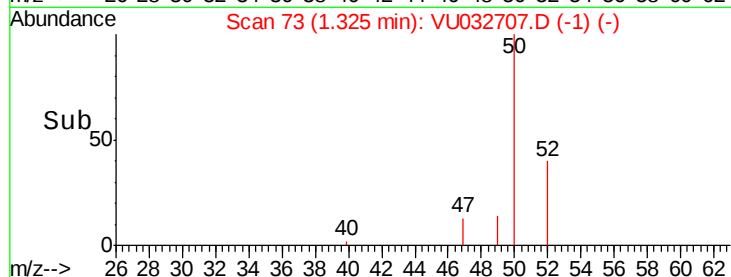
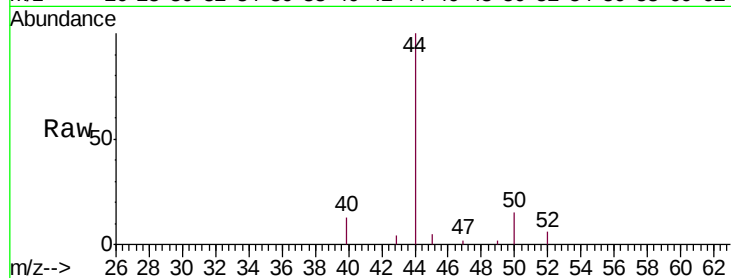
COM29

Tgt Ion: 50 Resp: 1170

Ion Ratio Lower Upper

50 100

52 40.4 23.2 43.2



#12

1,1-Dichloroethene

Concen: 9.891 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

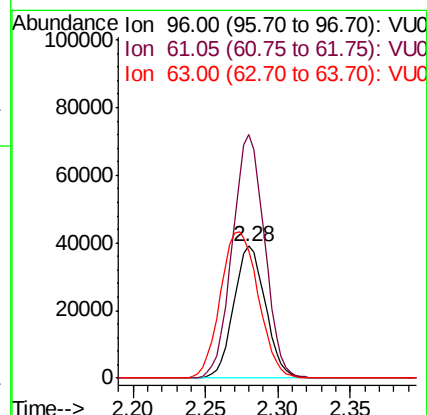
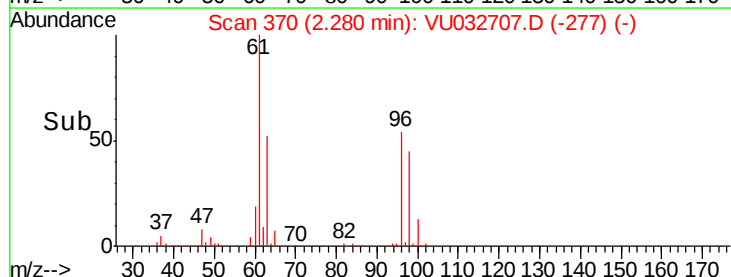
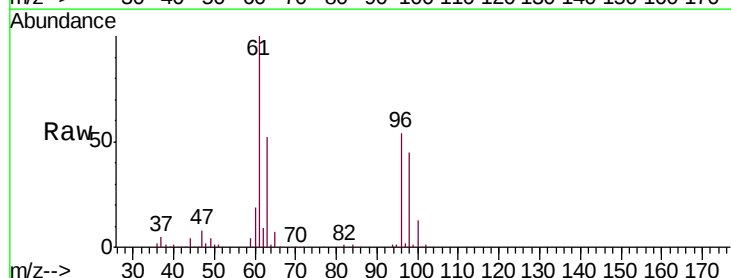
Tgt Ion: 96 Resp: 59266

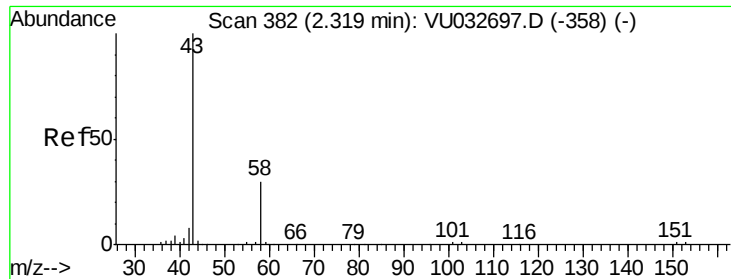
Ion Ratio Lower Upper

96 100

61 184.9 131.8 244.8

63 96.8 90.1 167.3





#13

Acetone

Concen: 2.887 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

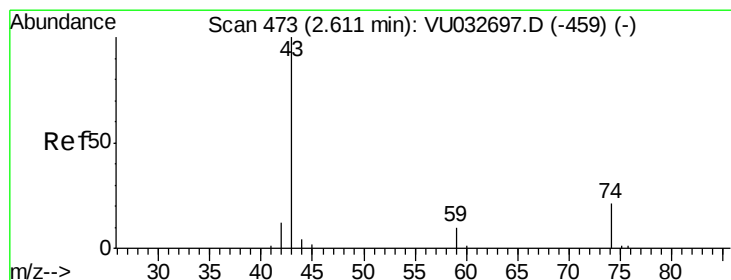
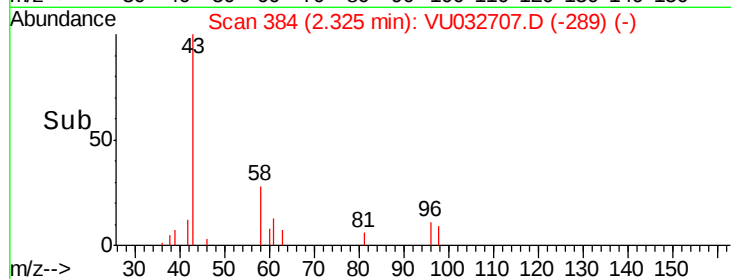
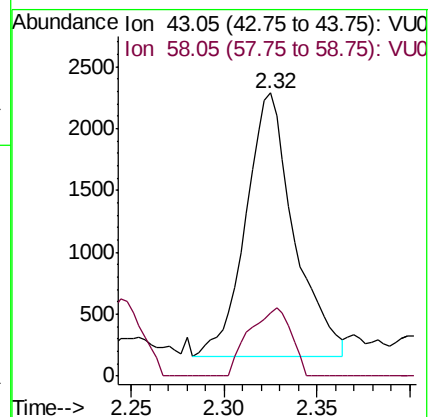
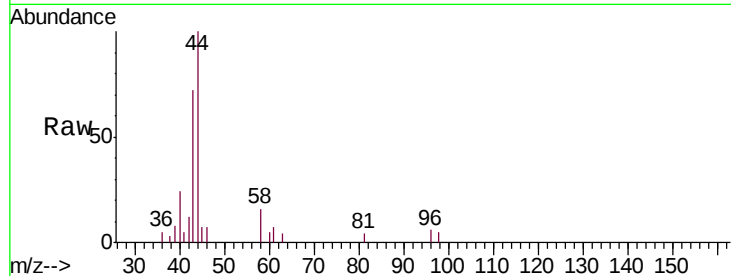
COM29

Tgt Ion: 43 Resp: 3834

Ion Ratio Lower Upper

43 100

58 22.7 0.0 60.8



#15

Methyl Acetate

Concen: 0.208 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032707.D

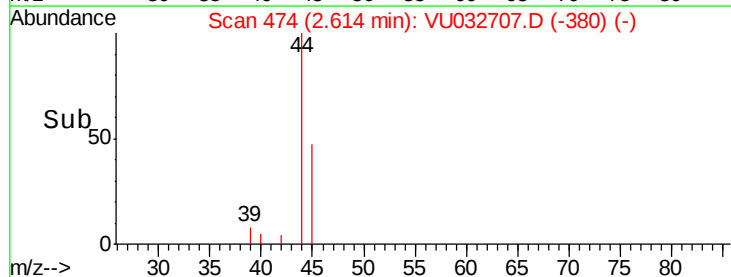
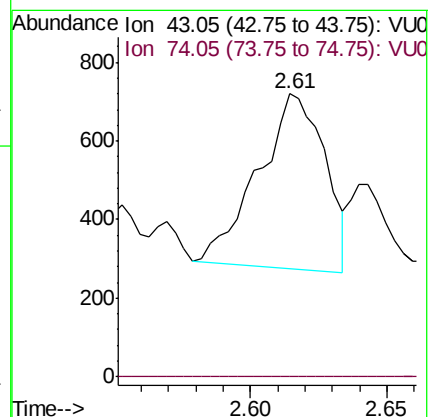
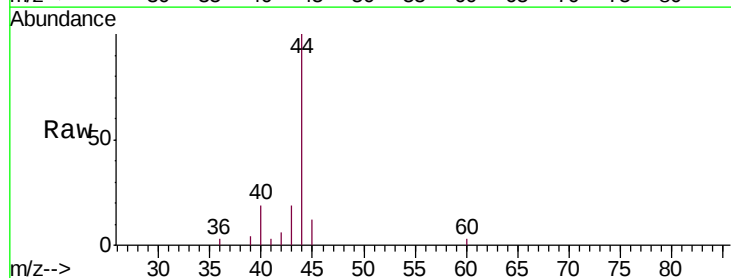
Acq: 13 Jun 2019 20:31

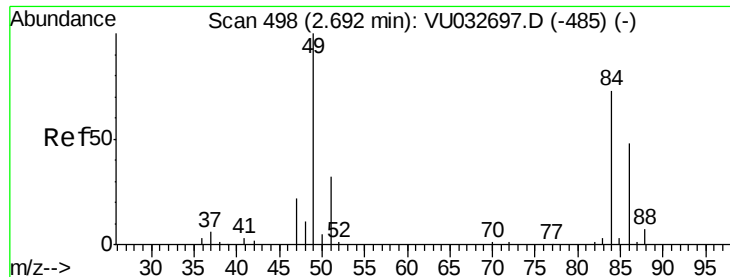
Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

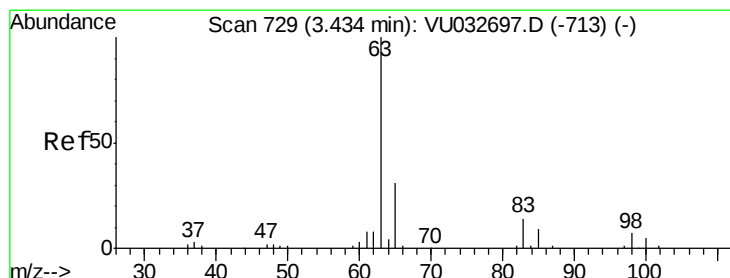
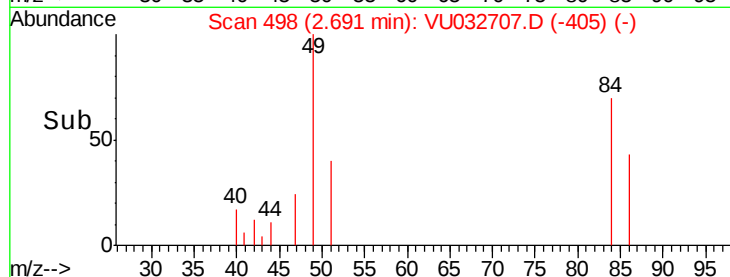
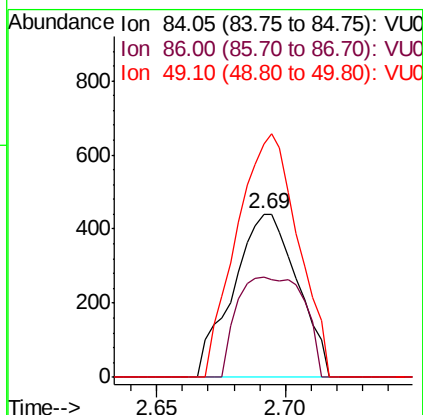
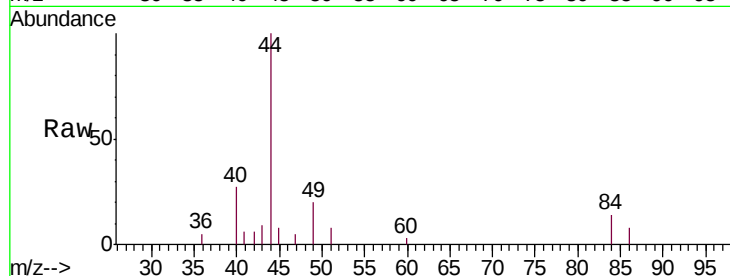




#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU032707.D
Acq: 13 Jun 2019 20:31

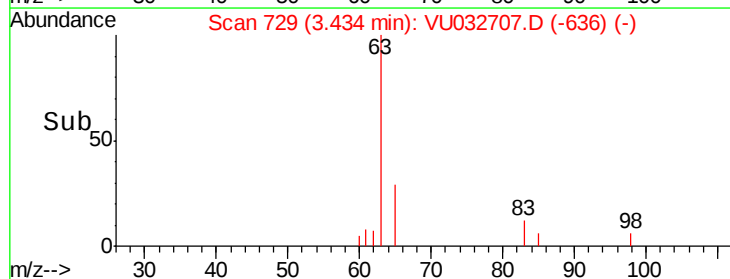
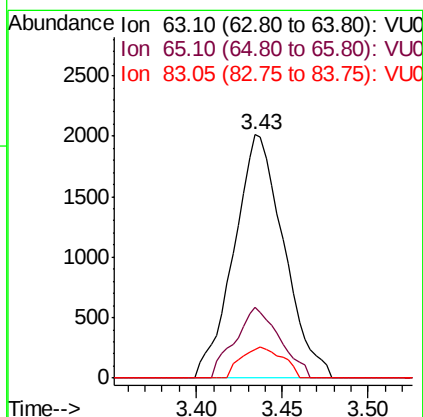
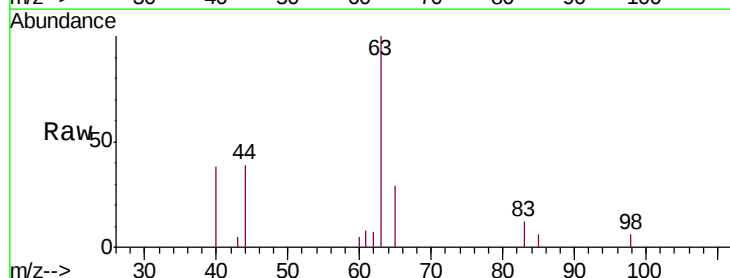
Instrument :
MSVOA_U
ClientSampleId :
COM29

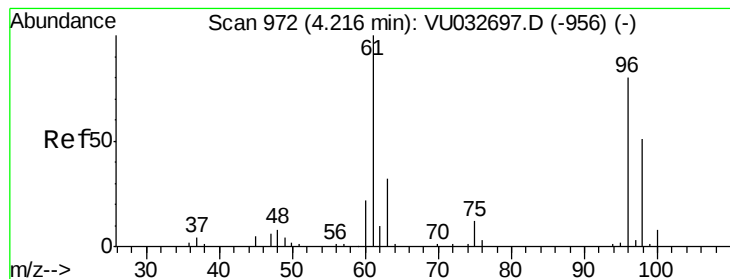
Tgt Ion: 84 Resp: 768
Ion Ratio Lower Upper
84 100
86 61.7 47.2 87.6
49 142.9 95.9 178.1



#19
1,1-Dichloroethane
Concen: 0.349 ug/L
RT: 3.43 min Scan# 729
Delta R.T. -0.00 min
Lab File: VU032707.D
Acq: 13 Jun 2019 20:31

Tgt Ion: 63 Resp: 4043
Ion Ratio Lower Upper
63 100
65 29.2 21.3 39.6
83 11.9 10.1 18.7



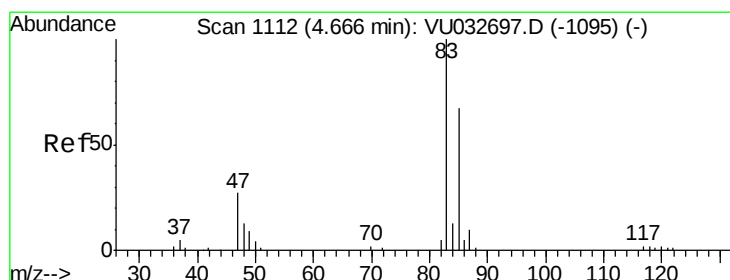
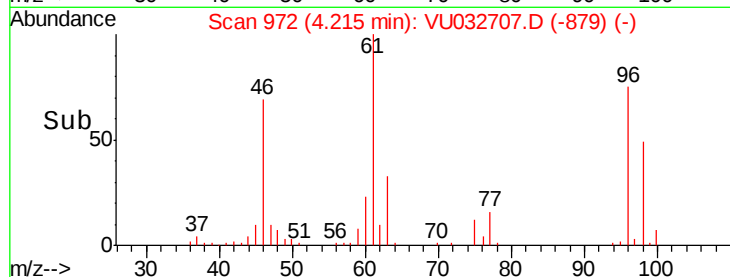
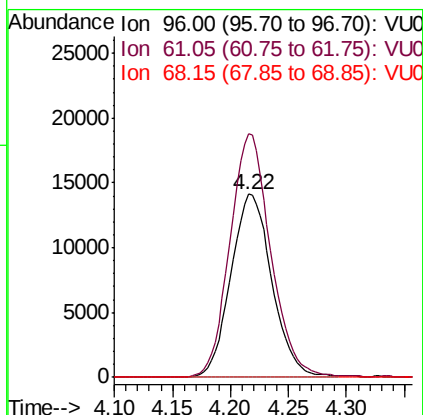
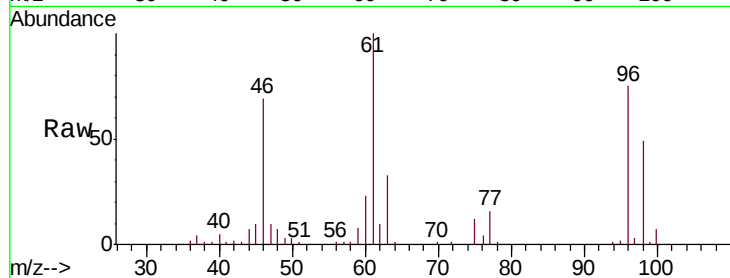


#22

cis-1,2-Dichloroethene
 Concen: 4.754 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 COM29

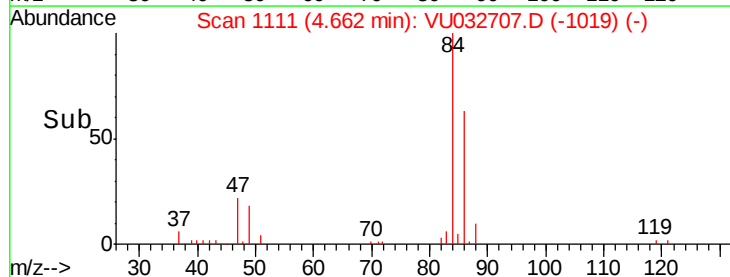
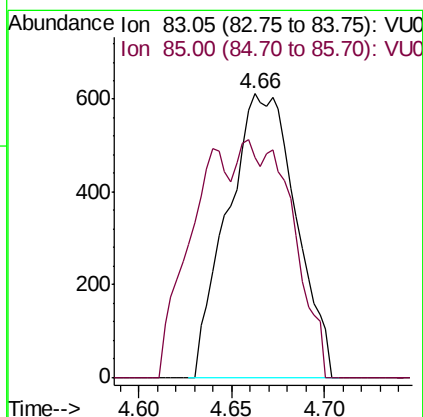
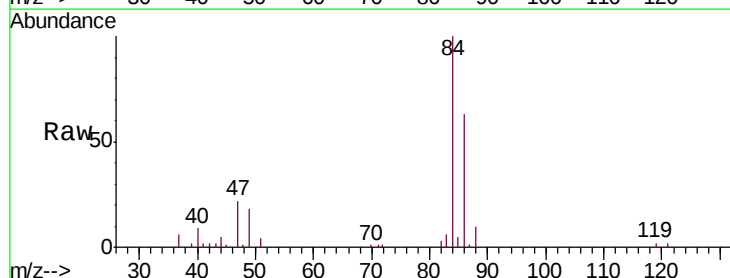
Tgt Ion: 96 Resp: 34782
 Ion Ratio Lower Upper
 96 100
 61 132.9 86.6 160.8
 68 0.0 0.0 0.0

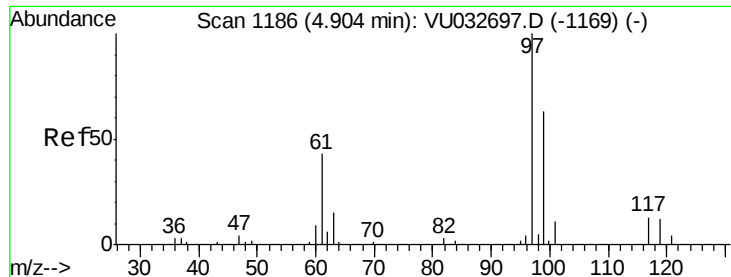


#25

Chloroform
 Concen: 0.132 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Tgt Ion: 83 Resp: 1564
 Ion Ratio Lower Upper
 83 100
 85 77.6 43.8 81.3

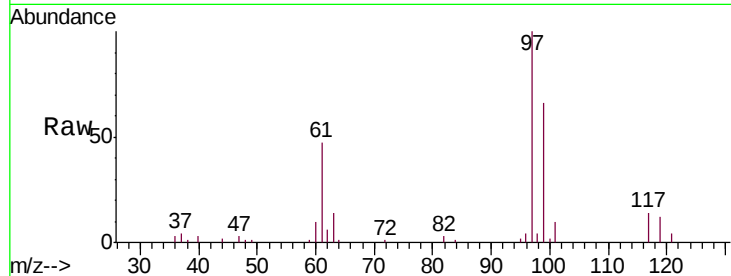




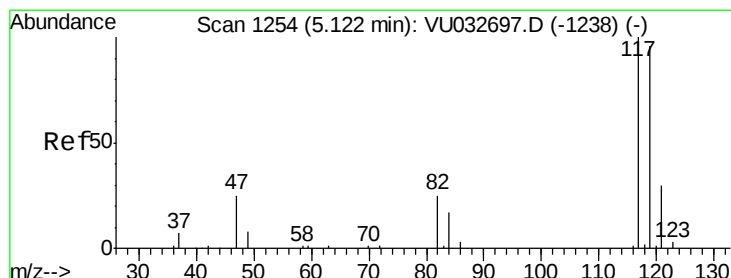
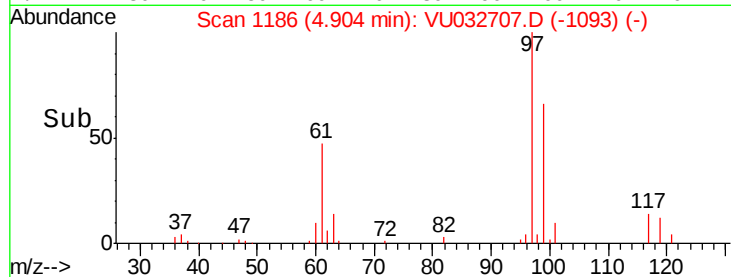
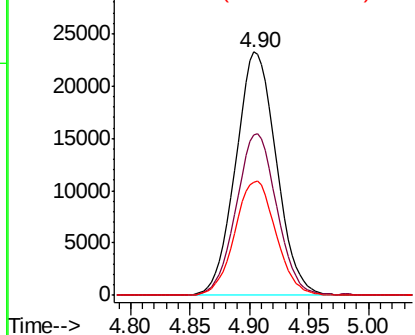
#29
 1,1,1-Trichloroethane
 Concen: 5.011 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 COM29

Tgt Ion: 97 Resp: 55223
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.8 77.6
 61 47.2 34.7 52.1

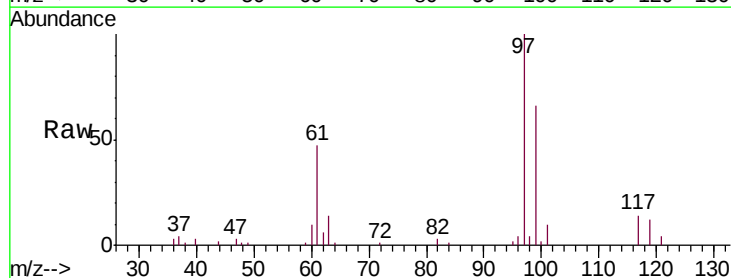


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

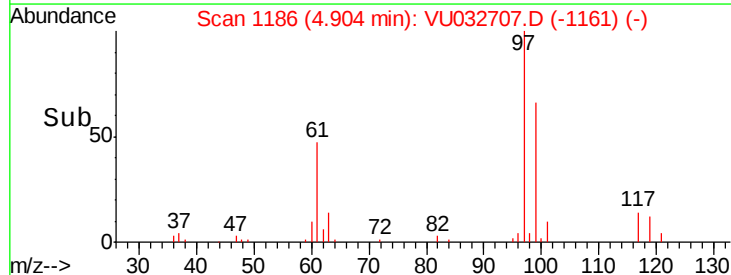
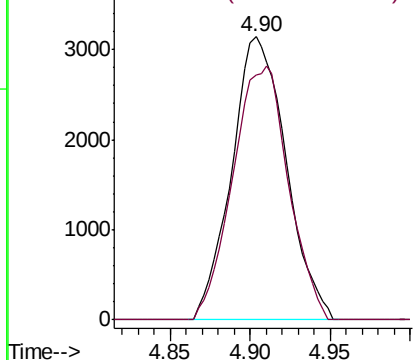


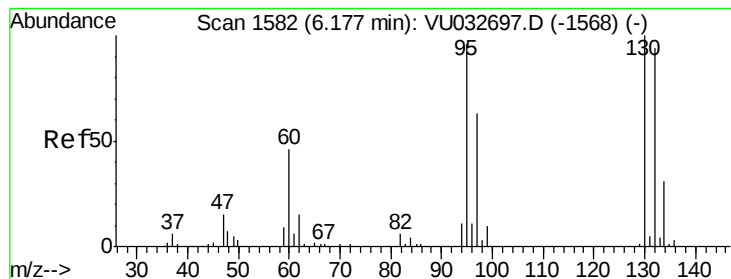
#31
 Carbon tetrachloride
 Concen: 0.730 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.22 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Tgt Ion: 117 Resp: 7316
 Ion Ratio Lower Upper
 117 100
 119 91.6 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 141.519 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

COM29

Tgt Ion: 95 Resp: 1085455

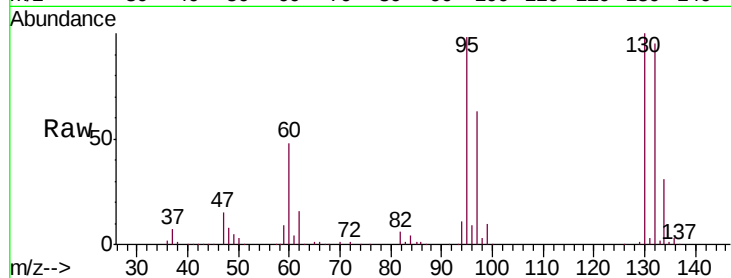
Ion Ratio Lower Upper

95 100

97 64.5 44.1 81.9

132 96.8 68.8 127.8

130 101.6 71.0 131.8

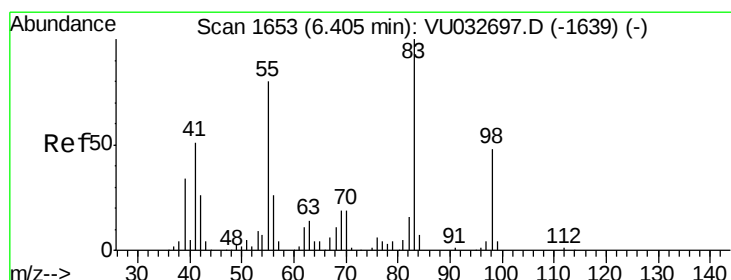
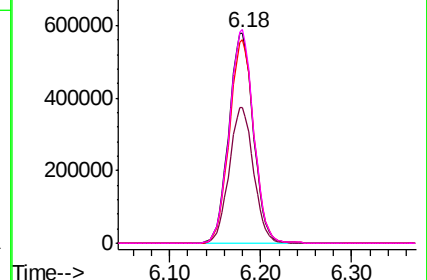
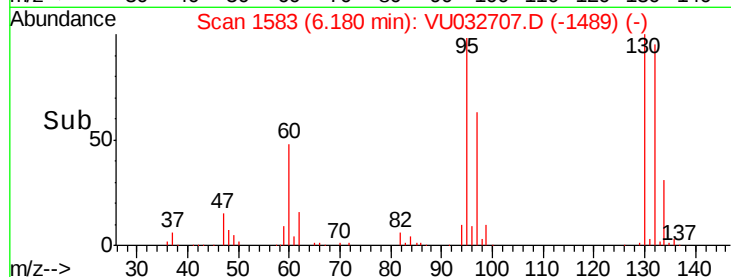


Abundance Ion 95.00 (94.70 to 95.70): VU032707.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU032707.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU032707.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU032707.D (-1568) (-)



#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

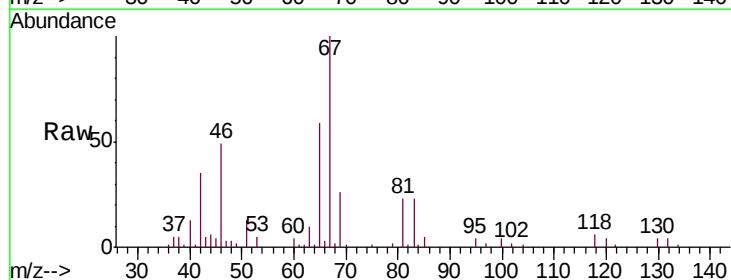
Tgt Ion: 83 Resp: 8414

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

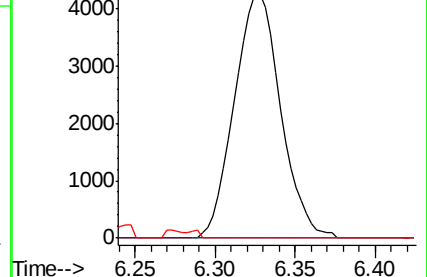
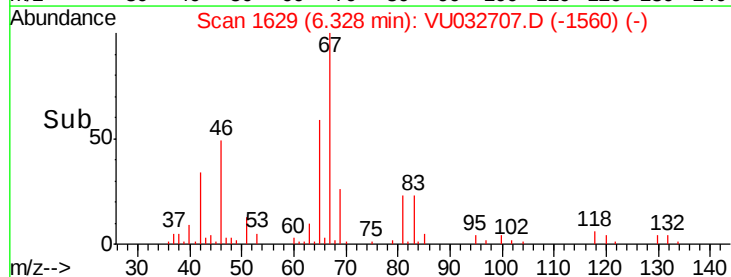
98 0.0 37.8 56.8#

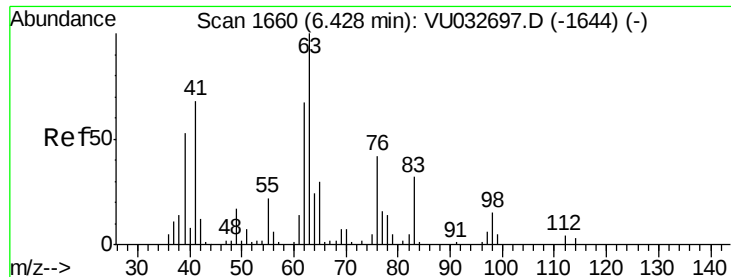


Abundance Ion 83.15 (82.85 to 83.85): VU032707.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032707.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032707.D (-1560) (-)

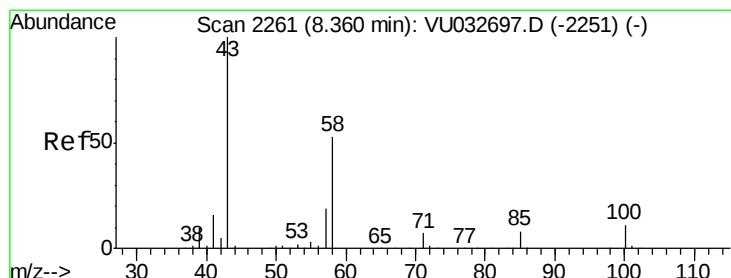
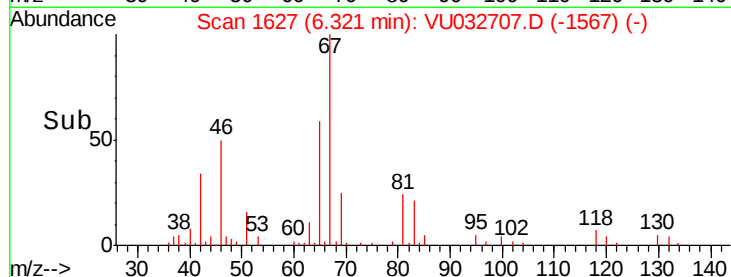
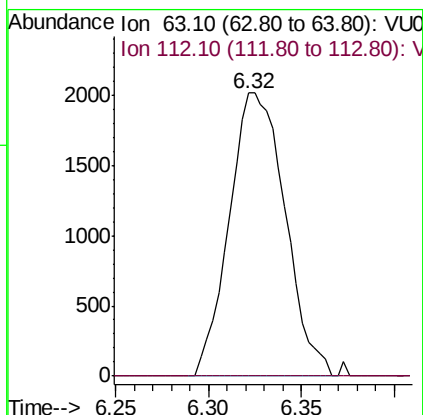
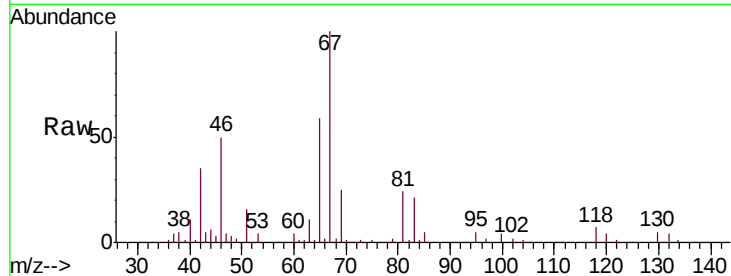




#37
 1,2-Dichloropropane
 Concen: 0.611 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

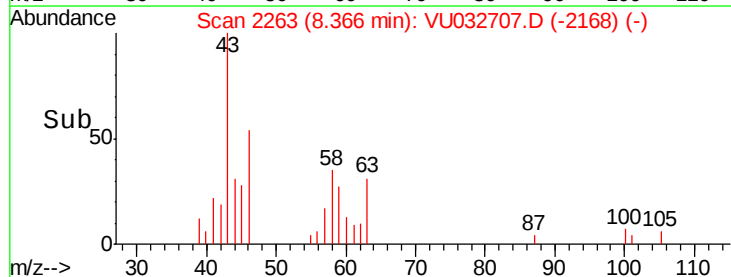
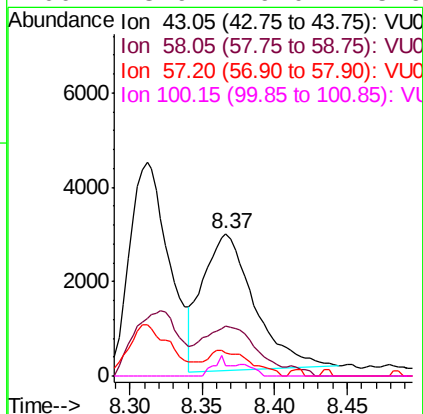
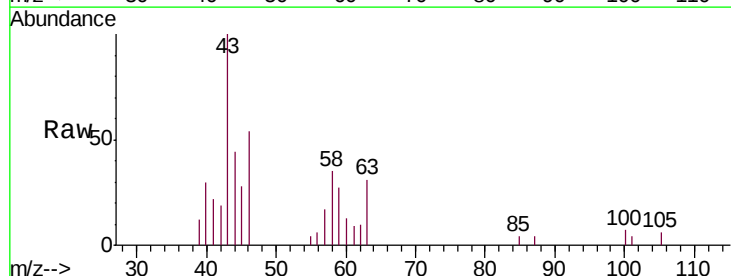
Instrument :
 MSVOA_U
 ClientSampleId :
 COM29

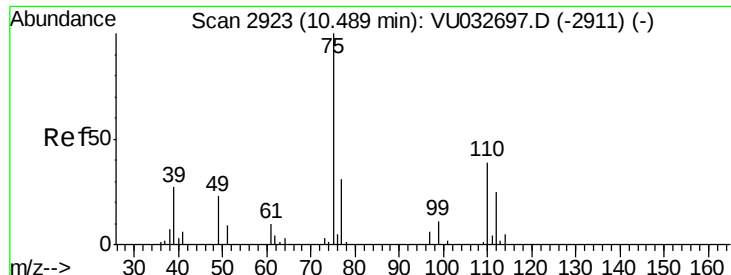
Tgt Ion: 63 Resp: 4215
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.047 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032707.D
 Acq: 13 Jun 2019 20:31

Tgt Ion: 43 Resp: 7183
 Ion Ratio Lower Upper
 43 100
 58 39.2 41.9 62.9#
 57 14.8 15.1 22.7#
 100 3.9 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032707.D

Acq: 13 Jun 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

COM29

Tgt Ion: 75 Resp: 5455

Ion Ratio Lower Upper

75 100

77 36.5 25.3 37.9

