

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032853.D
 Acq On : 19 Jun 2019 13:11
 Operator : JC/SP
 Sample : K3385-19DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0M67DL

Quant Time: Jun 20 05:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29539	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	25412	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	49528	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.19	46	104661	61.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.04%
24) Chloroform-d	4.64	84	62936	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.30	65	37021	6.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.80%
32) Benzene-d6	5.33	84	119787	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.32	67	39022	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	109030	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.85	79	15889	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.31	63	78865	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34436	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	48137	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

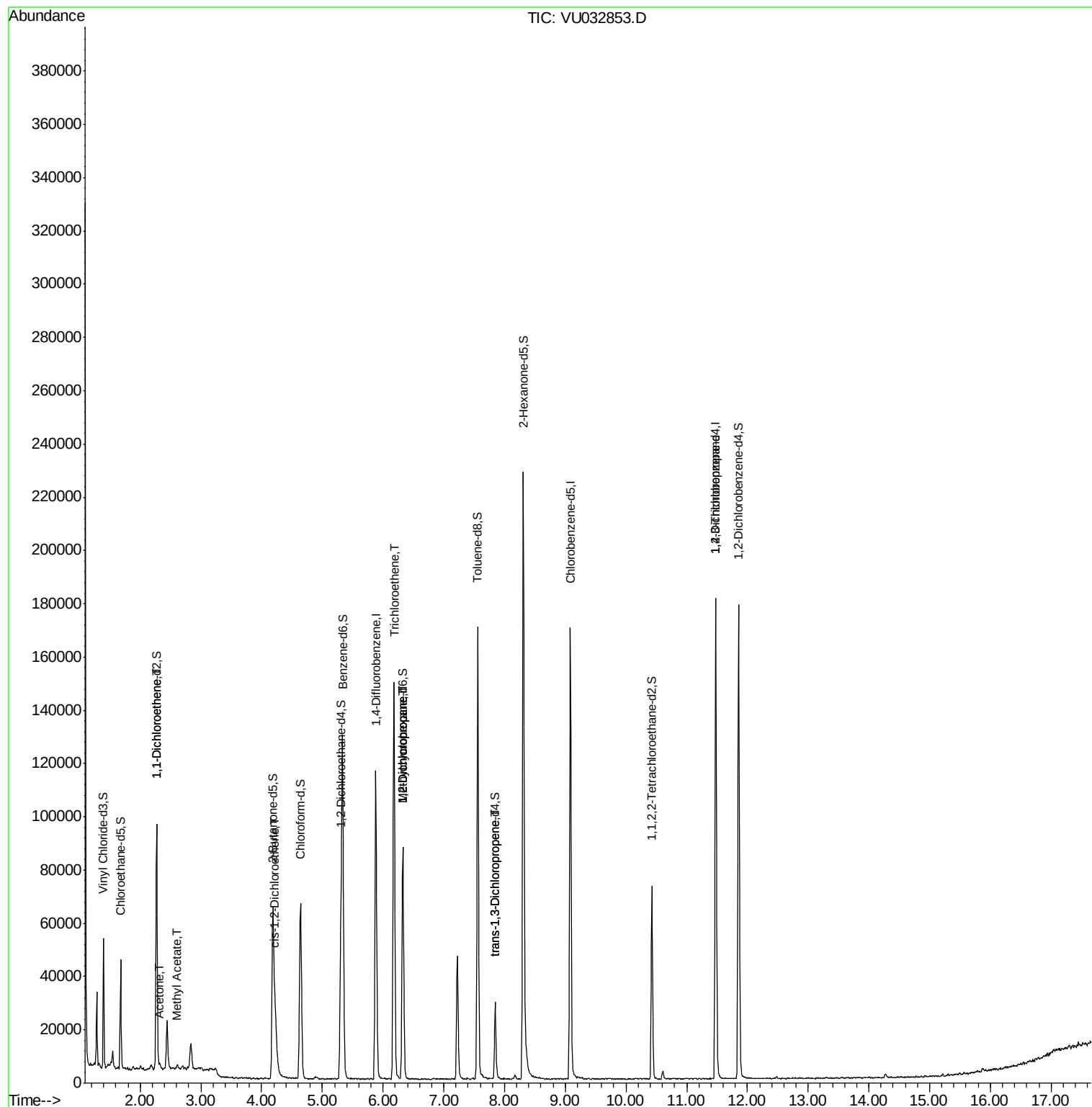
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	2969	0.498	ug/L #	1
13) Acetone	2.32	43	1580	1.197	ug/L	96
15) Methyl Acetate	2.61	43	1294	0.357	ug/L #	81
22) cis-1,2-Dichloroethene	4.22	96	2132	0.293	ug/L	98
34) Trichloroethene	6.18	95	50125	6.467	ug/L	97
35) Methylcyclohexane	6.32	83	9201	0.738	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4602	0.660	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	827	0.097	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	6285	1.373	ug/L	93

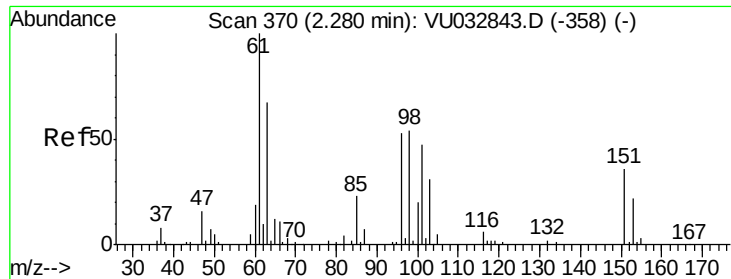
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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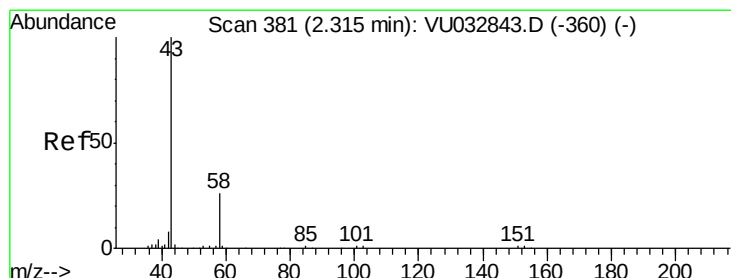
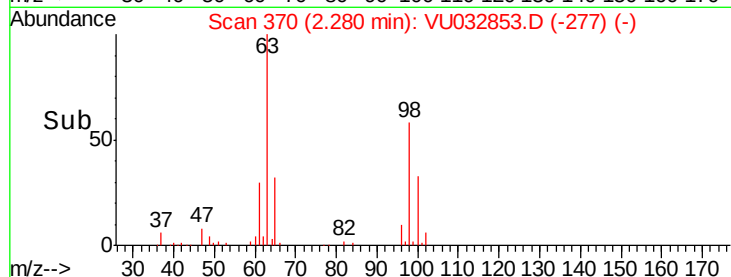
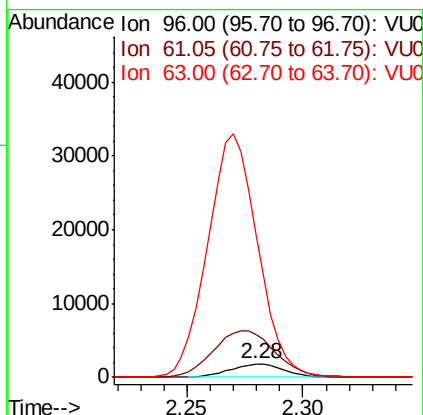
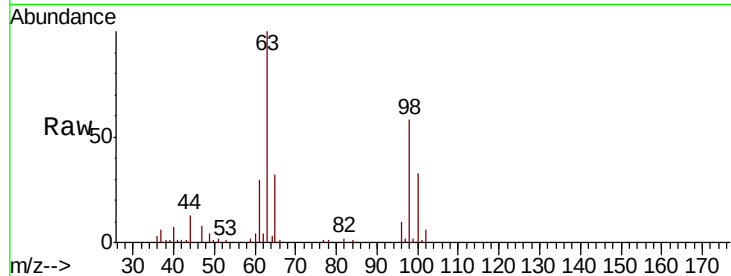




#12
 1,1-Dichloroethene
 Concen: 0.498 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032853.D
 Acq: 19 Jun 2019 13:11

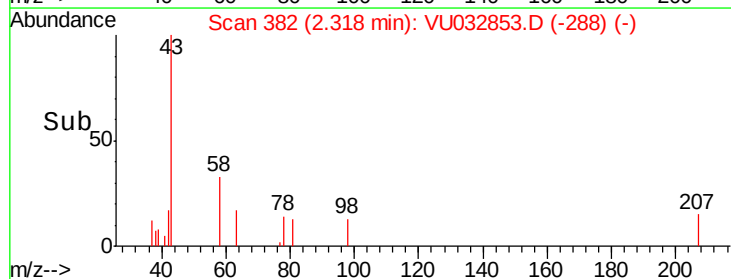
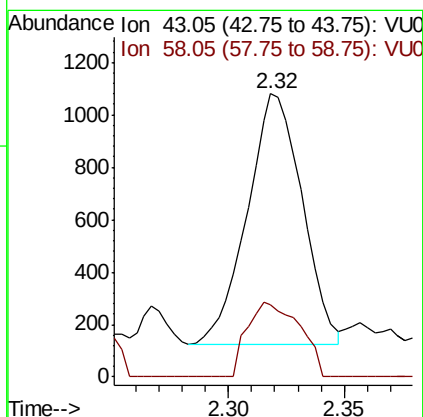
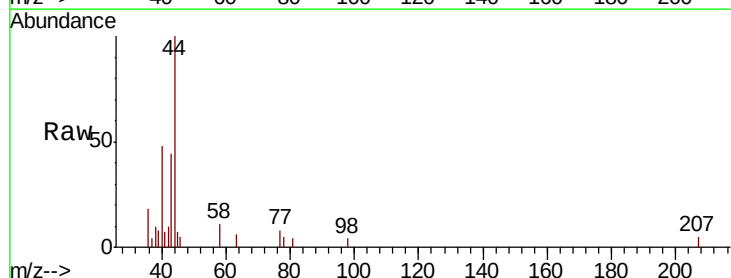
Instrument :
 MSVOA_U
 ClientSampled :
 C0M67DL

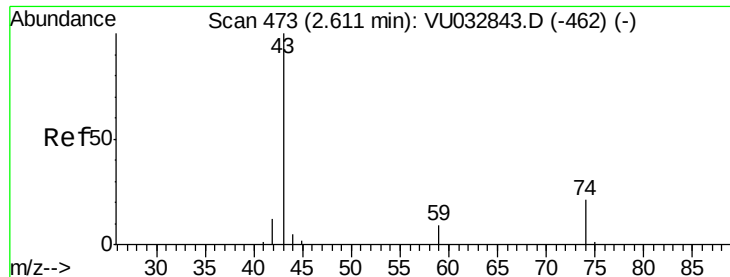
Tgt Ion: 96 Resp: 2969
 Ion Ratio Lower Upper
 96 100
 61 312.9 131.8 244.8#
 63 1028.6 90.1 167.3#



#13
 Acetone
 Concen: 1.197 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032853.D
 Acq: 19 Jun 2019 13:11

Tgt Ion: 43 Resp: 1580
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 60.8

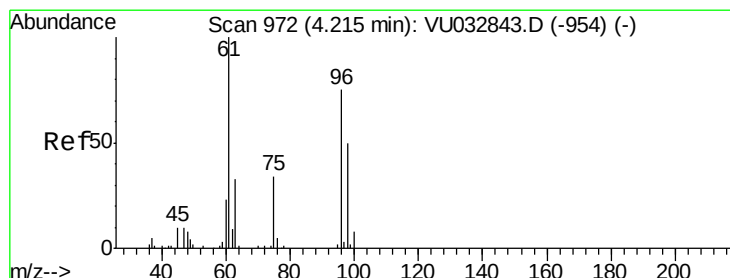
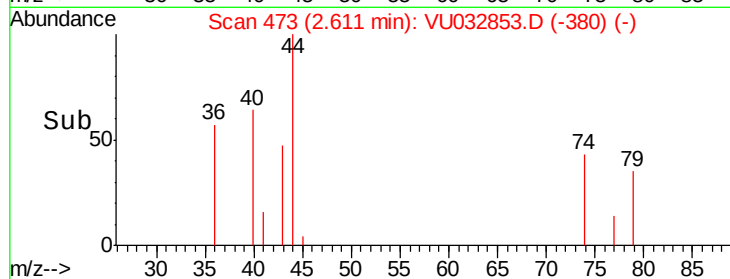
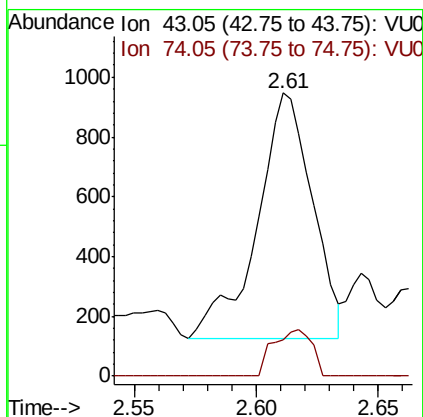
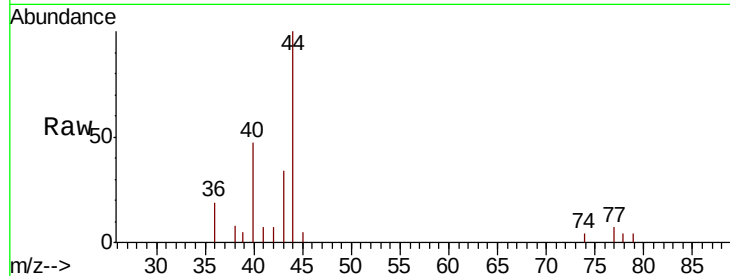




#15
Methyl Acetate
Concen: 0.357 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.00 min
Lab File: VU032853.D
Acq: 19 Jun 2019 13:11

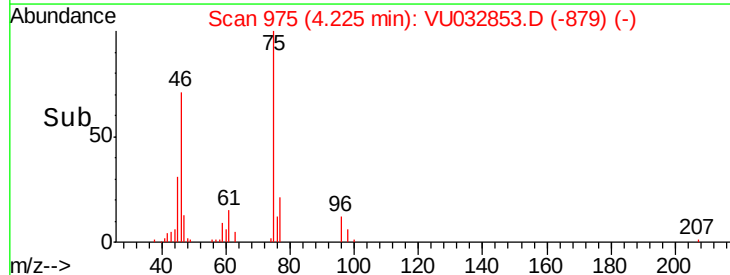
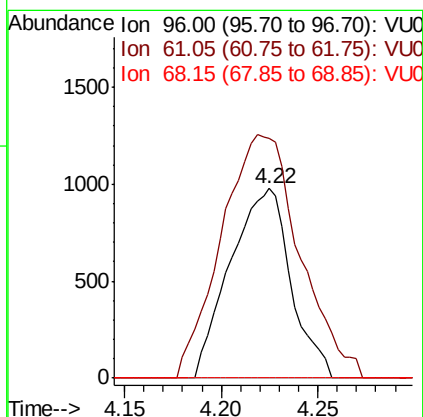
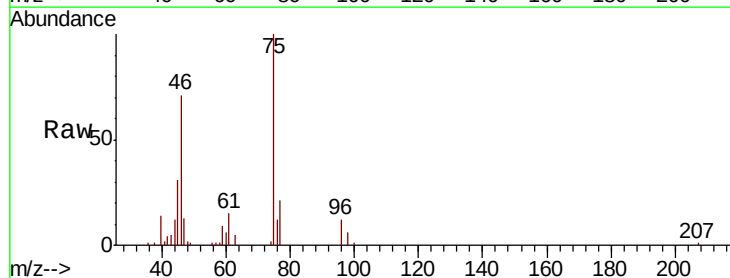
Instrument :
MSVOA_U
ClientSampleId :
COM67DL

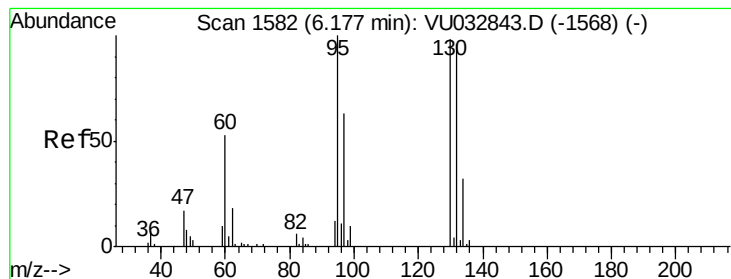
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
74 13.3 17.8 26.8#



#22
cis-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU032853.D
Acq: 19 Jun 2019 13:11

Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 126.2 86.6 160.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.467 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032853.D

Acq: 19 Jun 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

C0M67DL

Tgt Ion: 95 Resp: 50125

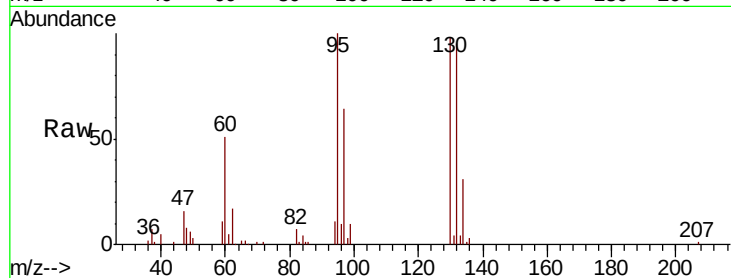
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 95.5 68.8 127.8

130 98.2 71.0 131.8

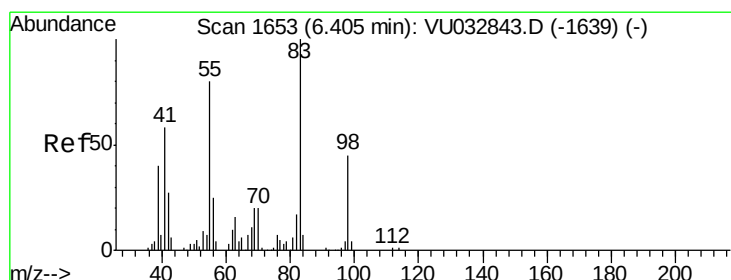
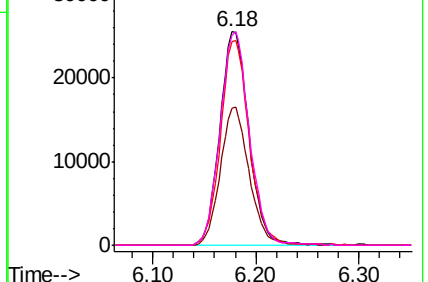
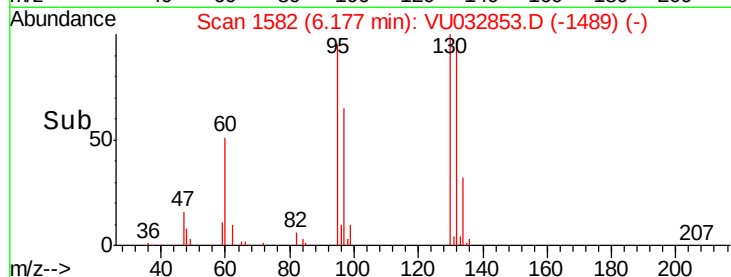


Abundance Ion 95.00 (94.70 to 95.70): VU032853.D (-1489) (-)

Ion 96.95 (96.65 to 97.65): VU032853.D (-1489) (-)

Ion 131.95 (131.65 to 132.65): VU032853.D (-1489) (-)

Ion 129.95 (129.65 to 130.65): VU032853.D (-1489) (-)



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032853.D

Acq: 19 Jun 2019 13:11

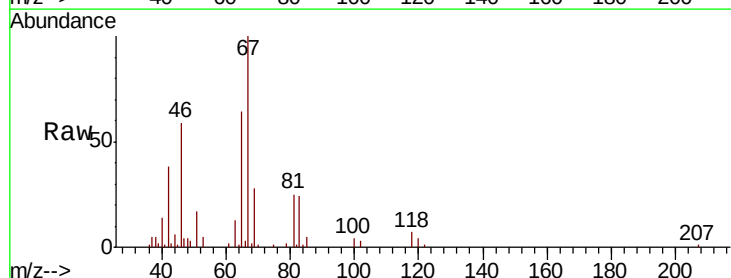
Tgt Ion: 83 Resp: 9201

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

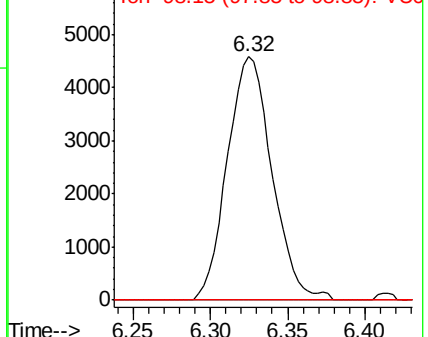
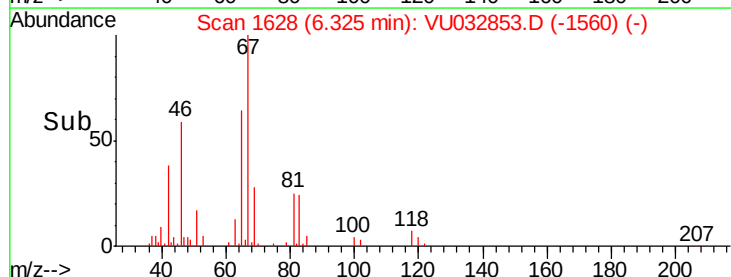
98 0.0 37.8 56.8#

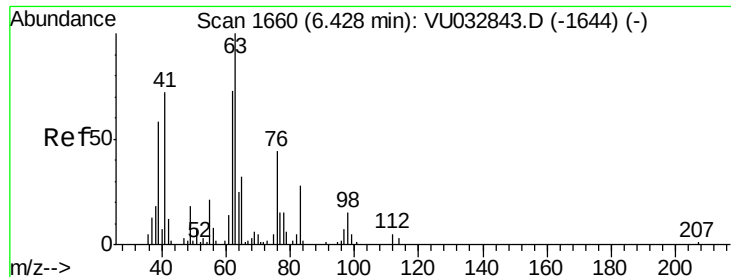


Abundance Ion 83.15 (82.85 to 83.85): VU032853.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032853.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032853.D (-1560) (-)

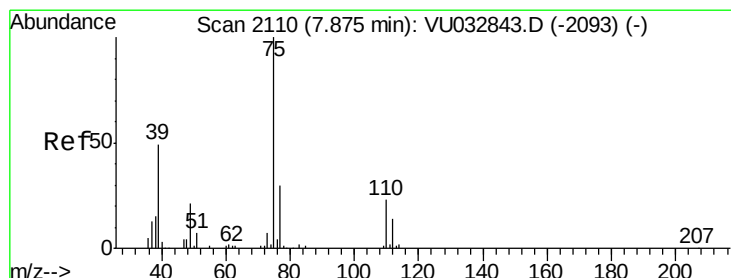
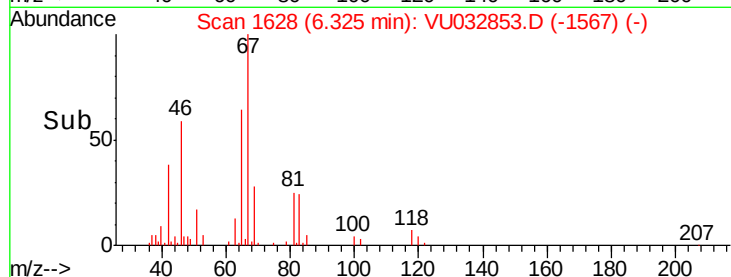
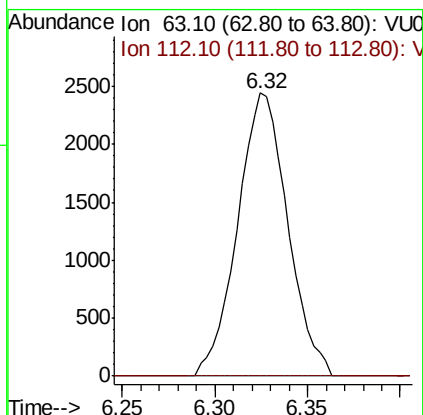
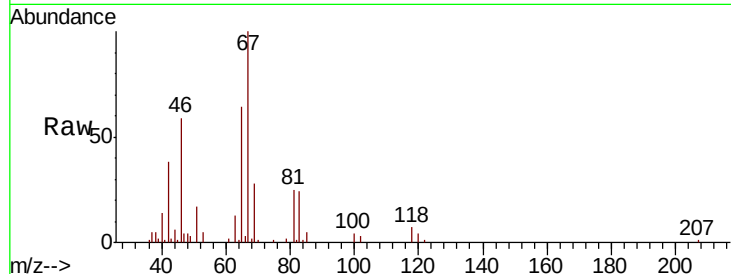




#37
 1,2-Dichloropropane
 Concen: 0.660 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032853.D
 Acq: 19 Jun 2019 13:11

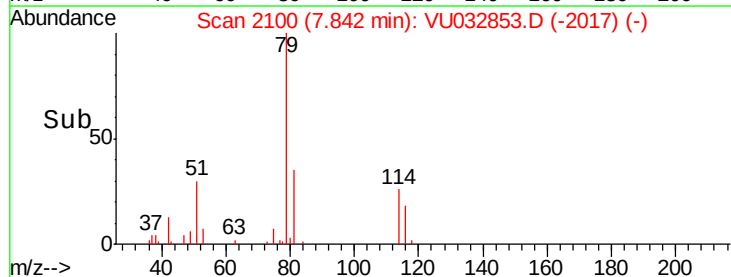
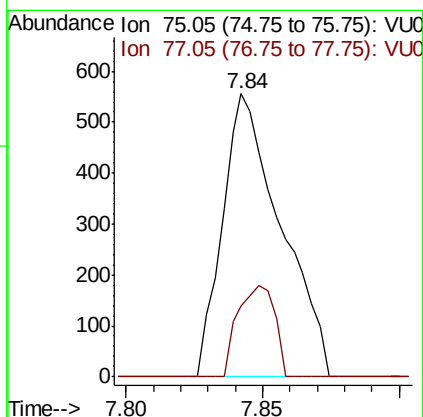
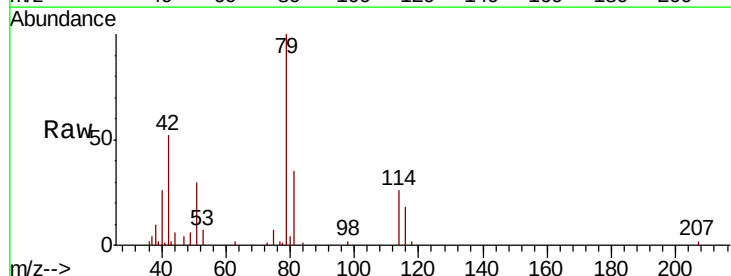
Instrument :
 MSVOA_U
 ClientSampled :
 COM67DL

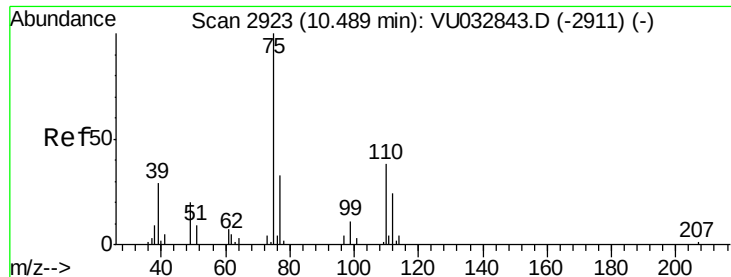
Tgt Ion: 63 Resp: 4602
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032853.D
 Acq: 19 Jun 2019 13:11

Tgt Ion: 75 Resp: 827
 Ion Ratio Lower Upper
 75 100
 77 25.0 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 1.373 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032853.D

Acq: 19 Jun 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

C0M67DL

Tgt Ion: 75 Resp: 6285

Ion Ratio Lower Upper

75 100

77 35.7 25.3 37.9

