

Data File : VU033162.D
Acq On : 03 Jul 2019 10:39
Operator : JC/SP
Sample : K3599-23
Misc : 8.02g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM30

Quant Time: Jul 03 22:35:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 22:32:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	182091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36547	29.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.74%#
7) Chloroethane-d5	1.64	69	31014	31.25	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.50%#
11) 1,1-Dichloroethene-d2	2.22	63	70190	28.00	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.00%#
21) 2-Butanone-d5	4.20	46	116024	112.02	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.02%
24) Chloroform-d	4.63	84	108999	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.30	65	79993	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.32	84	201837	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.48%
36) 1,2-Dichloropropane-d6	6.32	67	70289	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.26%
41) Toluene-d8	7.56	98	179009	39.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.06%#
43) trans-1,3-Dichloropropene-	7.85	79	33634	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.32	63	69357	96.43	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121243	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	79552	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

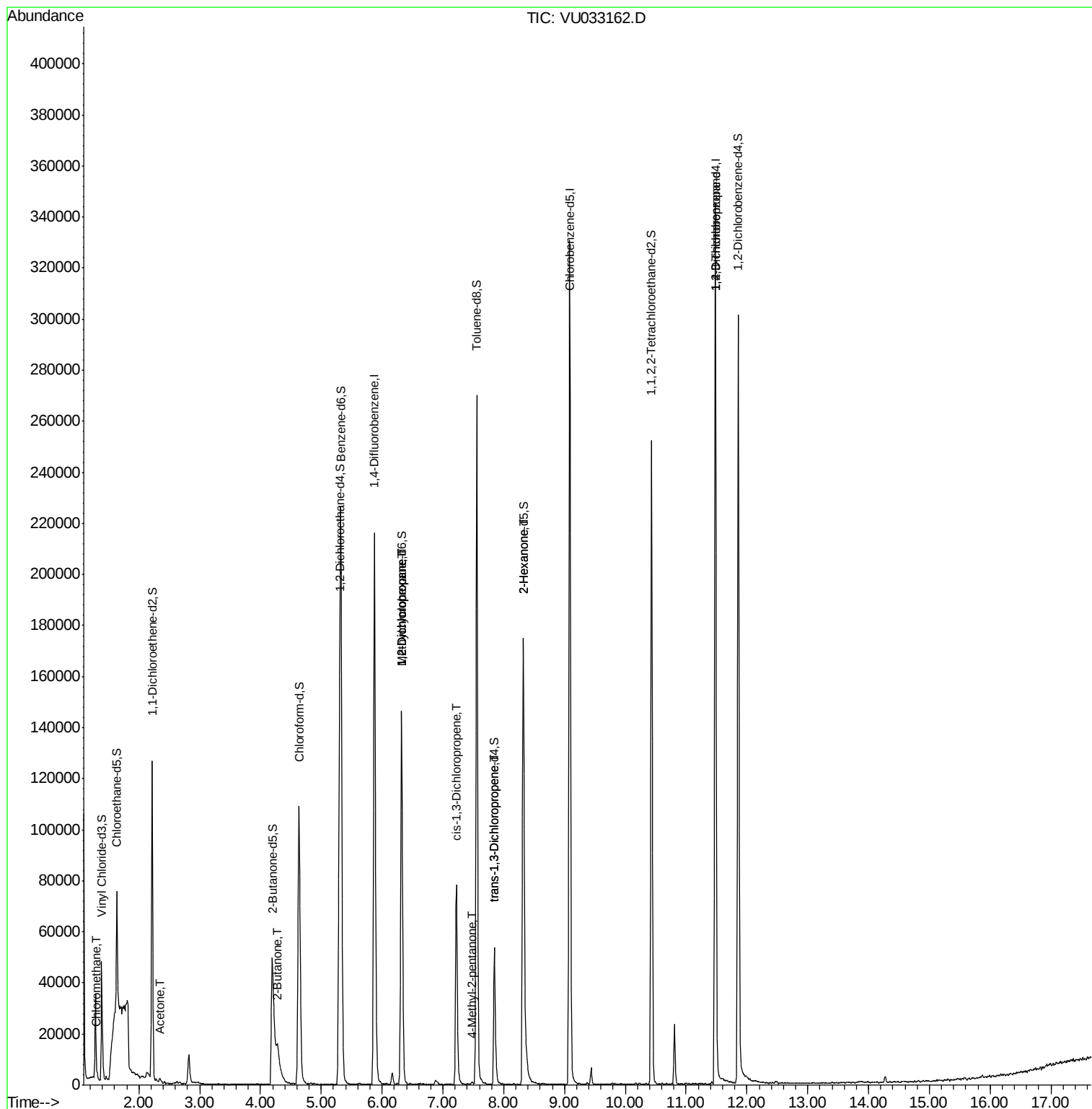
					Qvalue
3) Chloromethane	1.32	50	1473	0.884	ug/L 87
13) Acetone	2.34	43	2100	1.468	ug/L 79
22) 2-Butanone	4.29	43	21607	14.572	ug/L 79
35) Methylcyclohexane	6.32	83	16198	7.340	ug/L # 18
37) 1,2-Dichloropropane	6.32	63	8389	5.723	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	2548	1.116	ug/L # 62
40) 4-Methyl-2-pentanone	7.48	43	1129	0.482	ug/L # 50
44) trans-1,3-Dichloropropene	7.85	75	1902	0.887	ug/L 97
48) 2-Hexanone	8.32	43	9440	4.572	ug/L # 75
59) 1,2,3-Trichloropropane	11.48	75	11560	5.910	ug/L 92

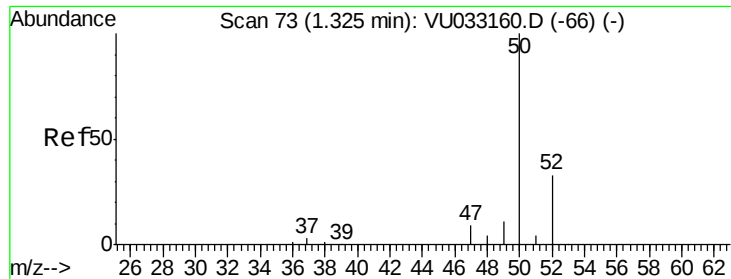
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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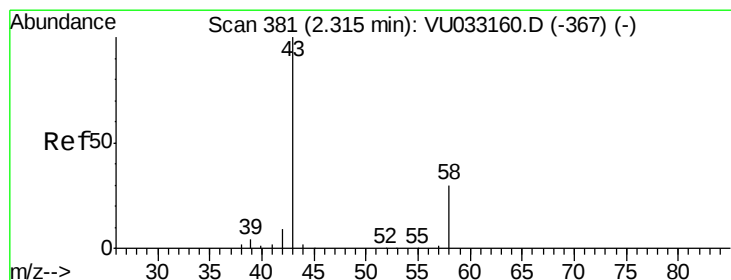
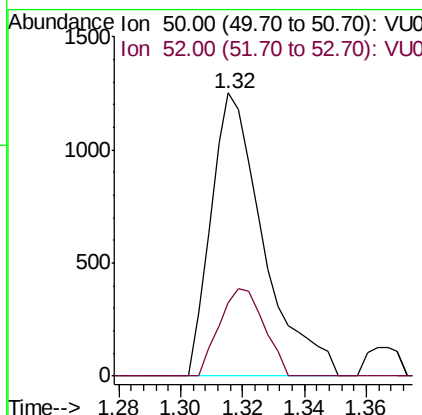
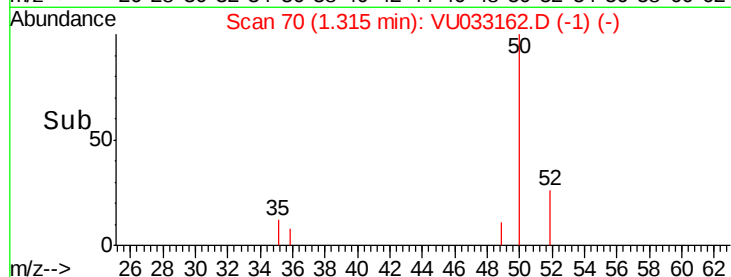
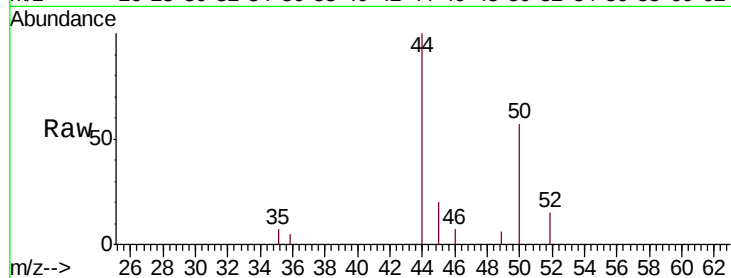




#3
Chloromethane
Concen: 0.884 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

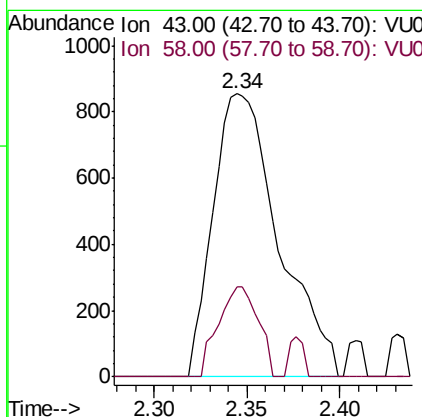
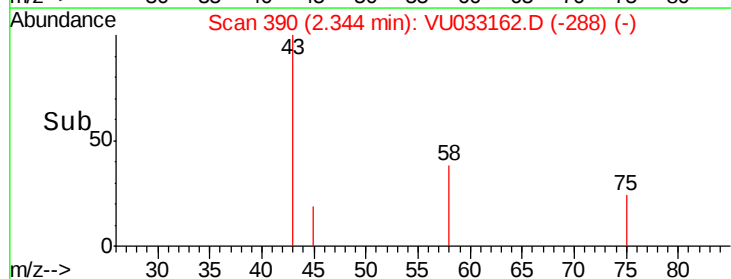
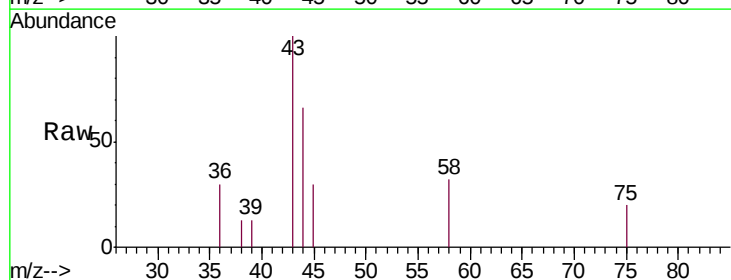
Instrument :
MSVOA_U
ClientSampleId :
GAM30

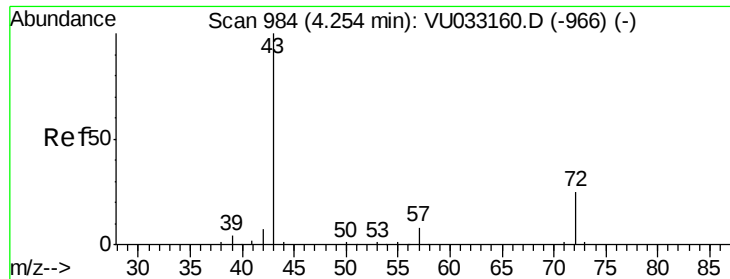
Tgt Ion: 50 Resp: 1473
Ion Ratio Lower Upper
50 100
52 25.7 23.0 42.6



#13
Acetone
Concen: 1.468 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.03 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 19.1 0.0 60.6





#22

2-Butanone

Concen: 14.572 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.04 min

Lab File: VU033162.D

Acq: 03 Jul 2019 10:39

Instrument :

MSVOA_U

ClientSampleId :

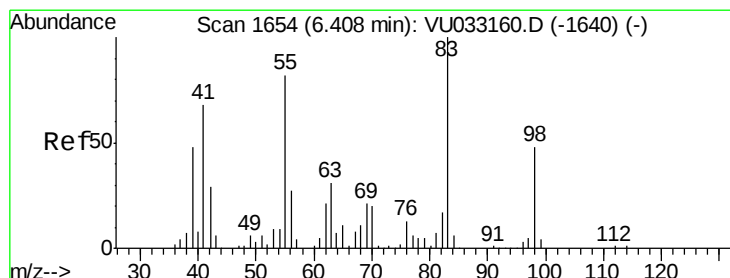
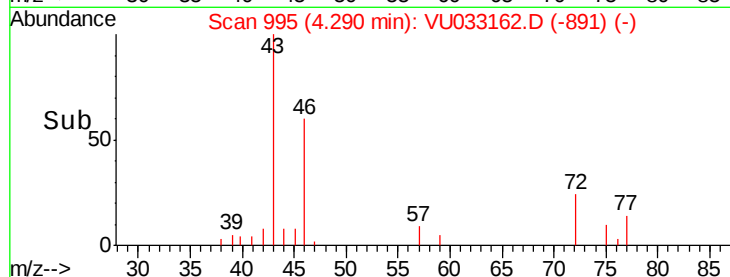
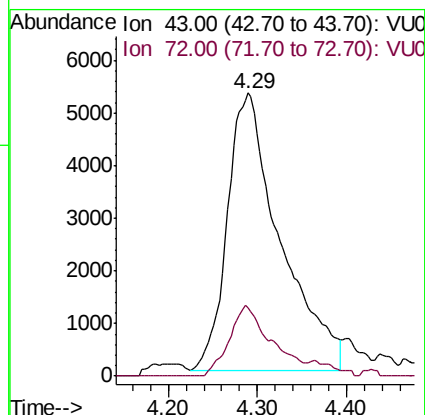
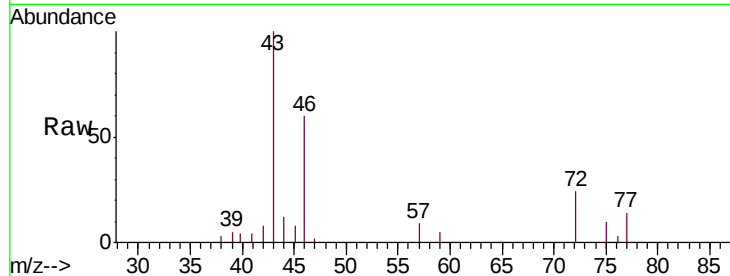
GAM30

Tgt Ion: 43 Resp: 21607

Ion Ratio Lower Upper

43 100

72 15.2 12.9 38.6



#35

Methylcyclohexane

Concen: 7.340 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU033162.D

Acq: 03 Jul 2019 10:39

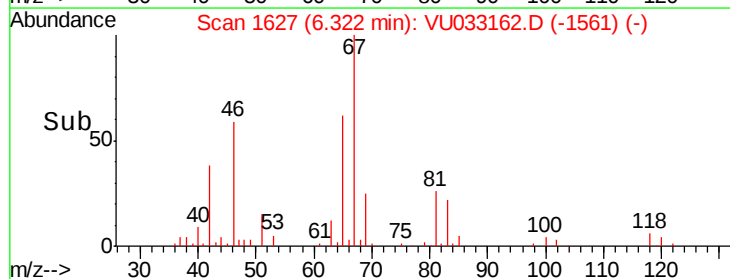
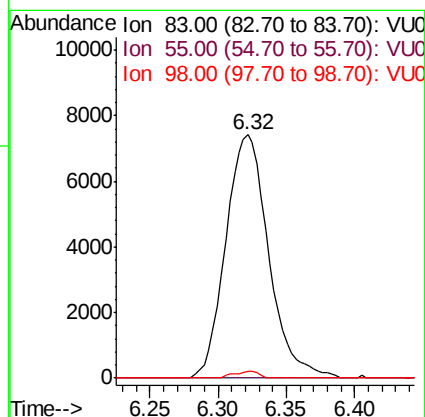
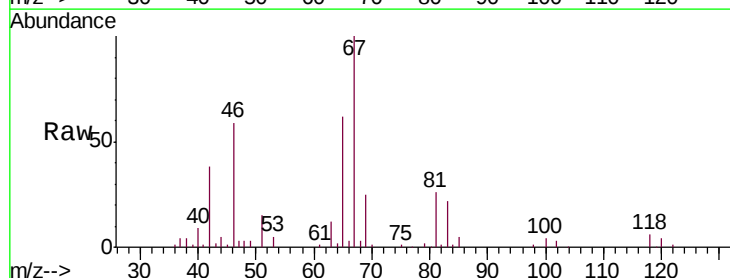
Tgt Ion: 83 Resp: 16198

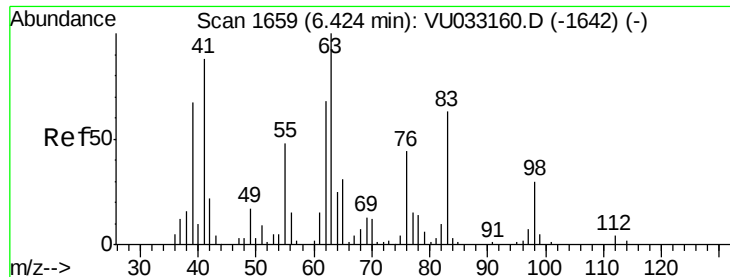
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.2 37.4 56.0#

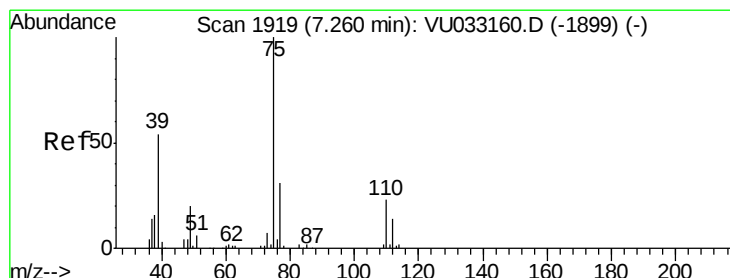
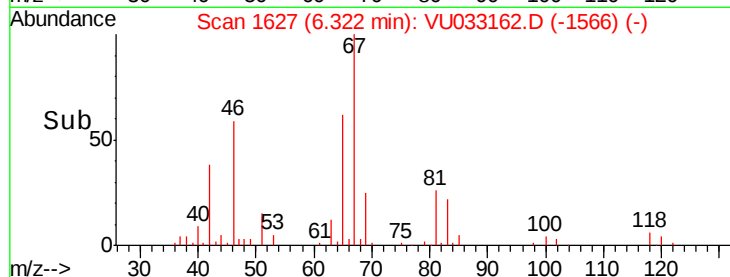
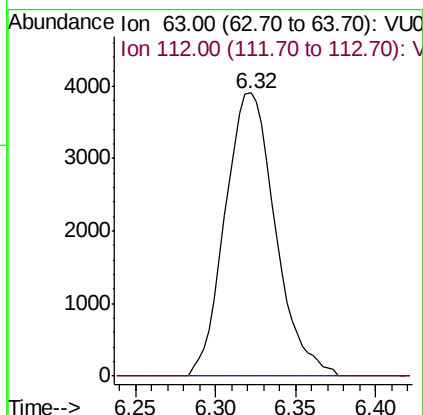
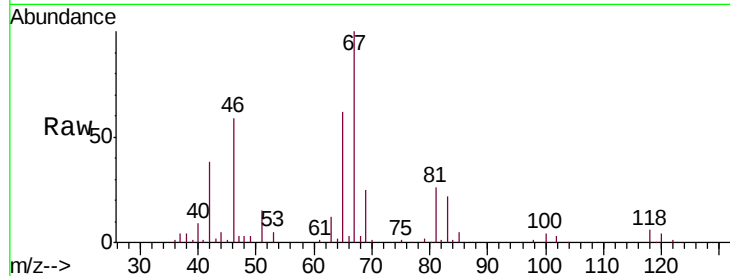




#37
 1,2-Dichloropropane
 Concen: 5.723 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033162.D
 Acq: 03 Jul 2019 10:39

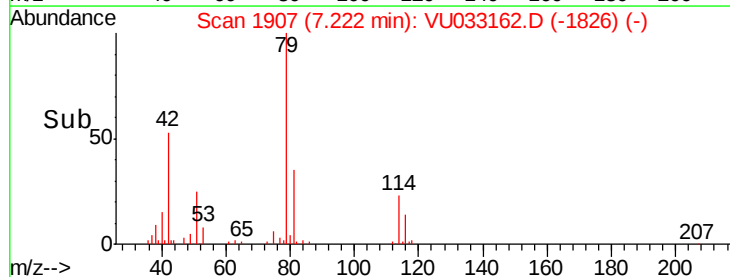
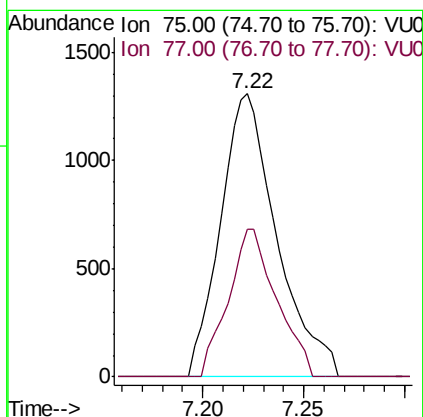
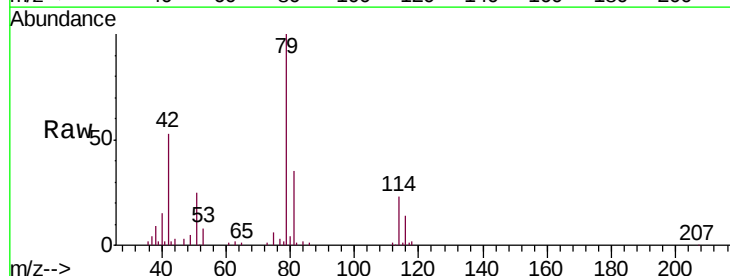
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM30

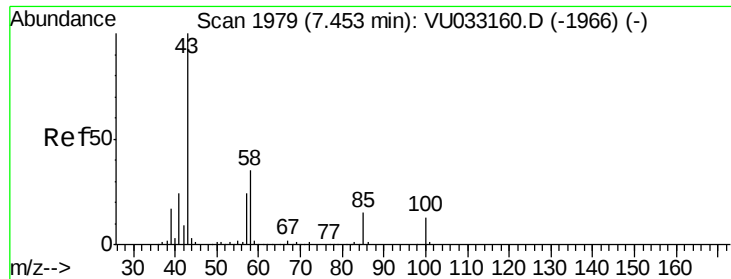
Tgt Ion: 63 Resp: 8389
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.116 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033162.D
 Acq: 03 Jul 2019 10:39

Tgt Ion: 75 Resp: 2548
 Ion Ratio Lower Upper
 75 100
 77 52.2 21.9 40.7#

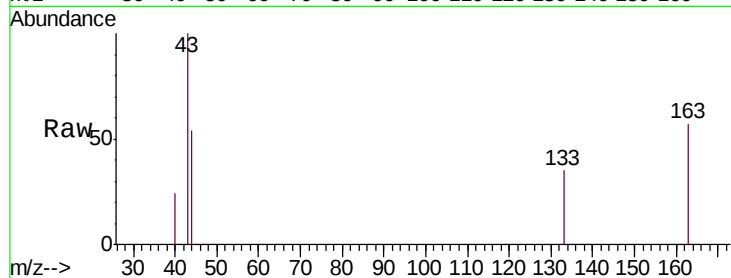




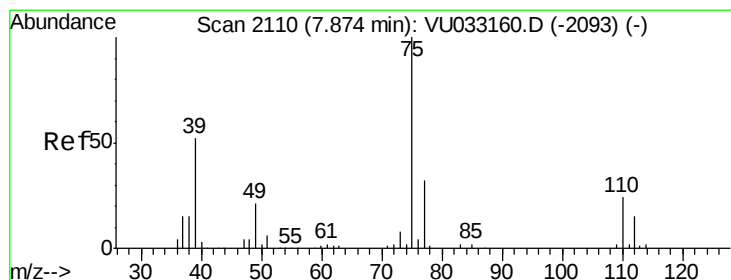
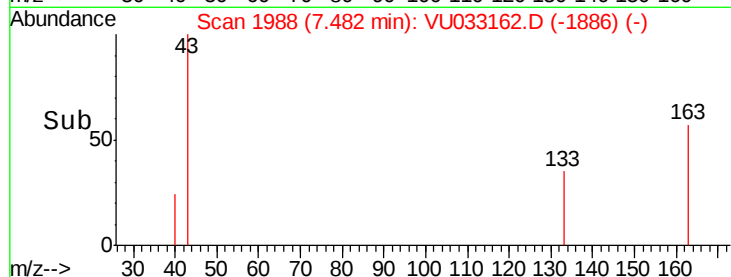
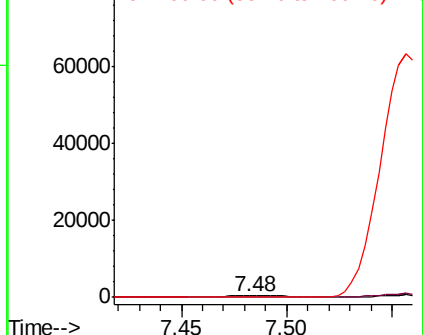
#40
4-Methyl-2-pentanone
Concen: 0.482 ug/L
RT: 7.48 min Scan# 1988
Delta R.T. 0.03 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

Instrument :
MSVOA_U
ClientSampleId :
GAM30

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 3.7 29.4 44.2#
100 0.0 11.2 16.8#

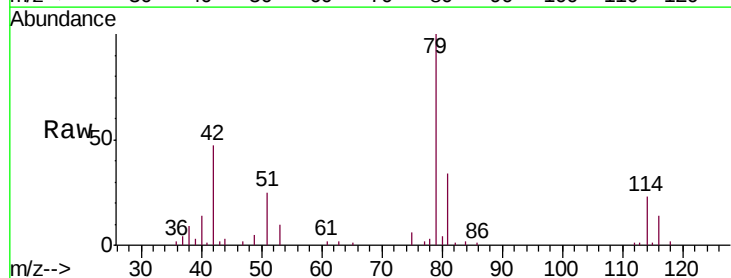


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

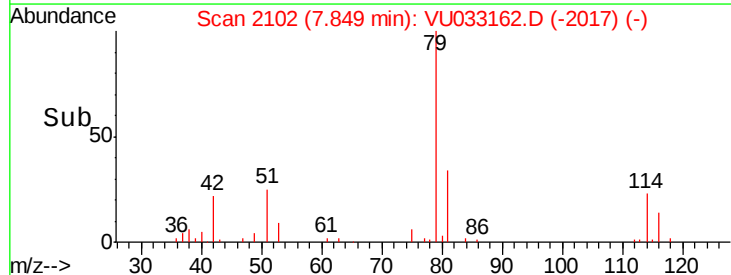
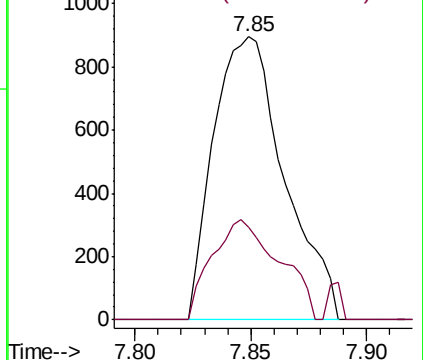


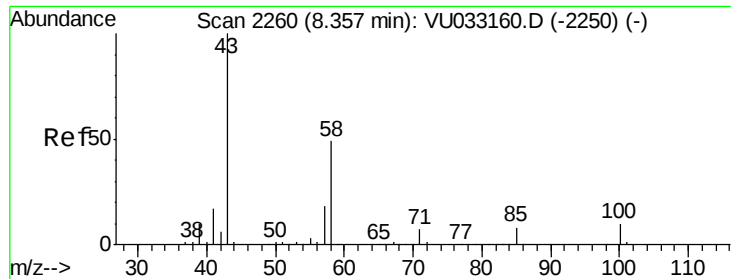
#44
trans-1,3-Dichloropropene
Concen: 0.887 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

Tgt Ion: 75 Resp: 1902
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

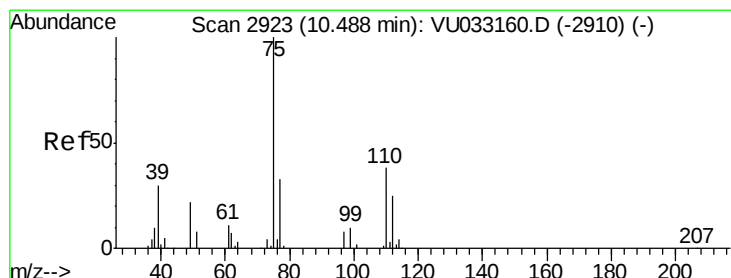
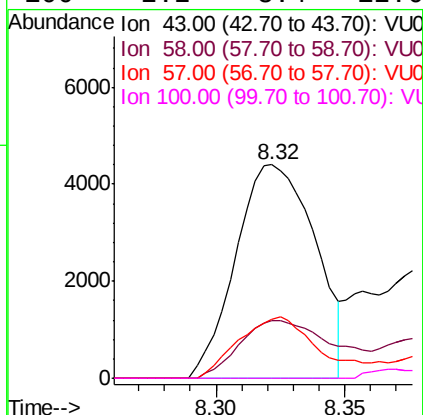
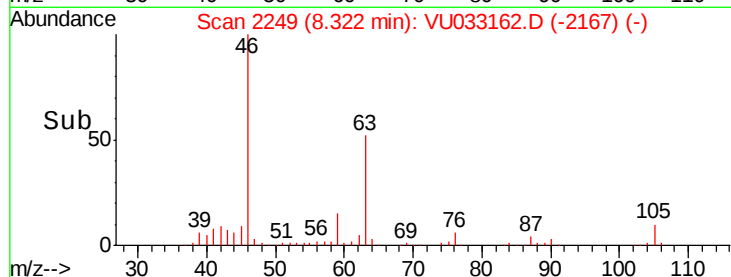
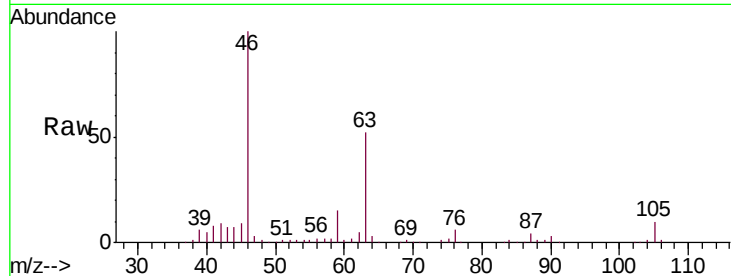




#48
2-Hexanone
Concen: 4.572 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

Instrument :
MSVOA_U
ClientSampled :
GAM30

Tgt Ion: 43 Resp: 9440
Ion Ratio Lower Upper
43 100
58 32.7 40.2 60.2#
57 29.3 14.2 21.4#
100 2.2 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.910 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033162.D
Acq: 03 Jul 2019 10:39

Tgt Ion: 75 Resp: 11560
Ion Ratio Lower Upper
75 100
77 36.4 25.5 38.3

