

Data File : VV013591.D
Acq On : 12 Nov 2019 16:08
Operator : SY/MD
Sample : K5797-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COAMO

Quant Time: Nov 13 04:31:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64197	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	72865	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	90080	2.91	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.00	46	331248	58.95	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.90%
24) Chloroform-d	4.39	84	221869	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.08	65	114331	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.09	84	364324	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.11	67	131892	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.35	98	285408	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	45834	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	242879	62.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107394	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	148106	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

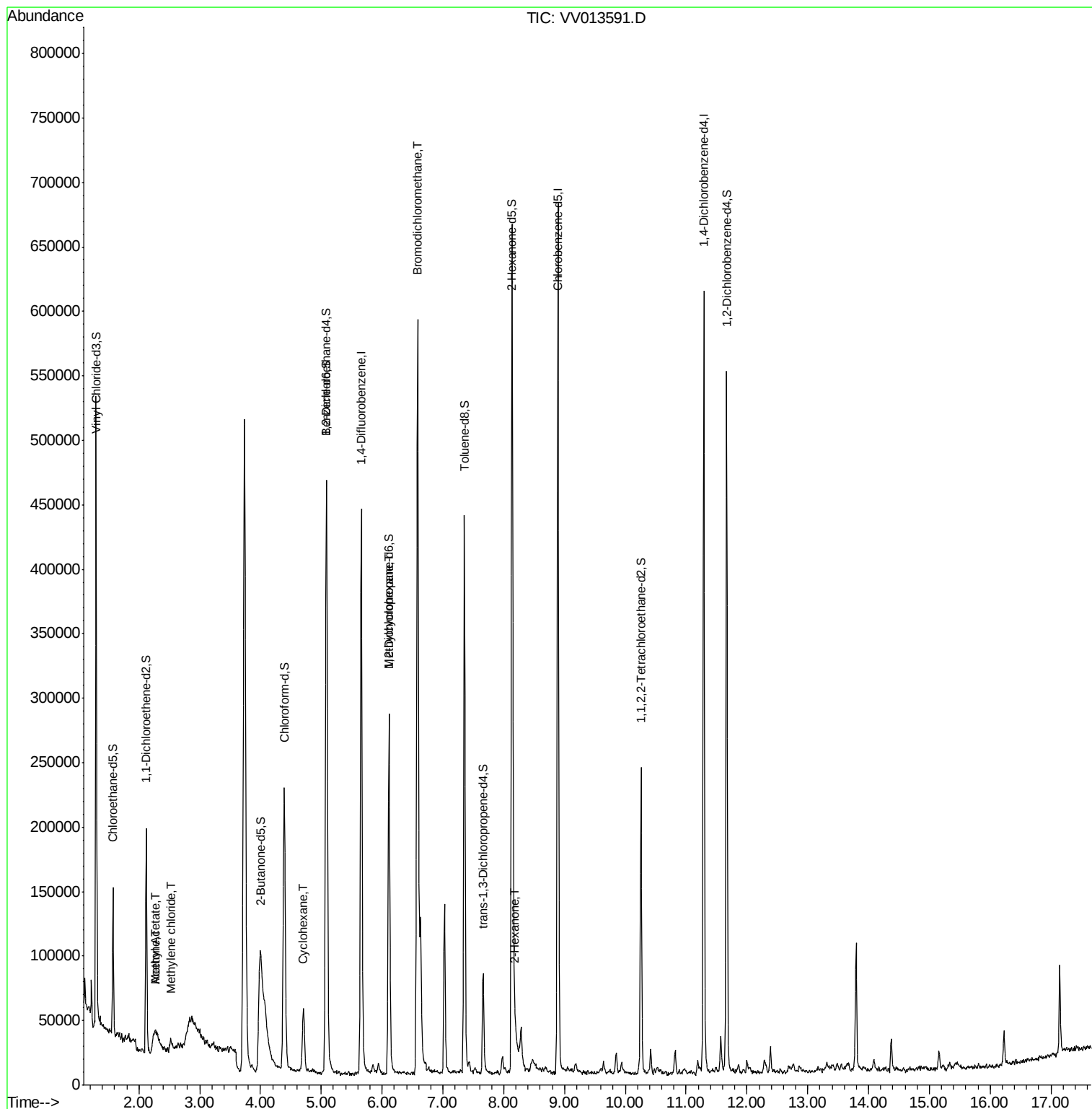
					Qvalue
13) Acetone	2.26	43	31225	9.160 ug/L	46
15) Methyl Acetate	2.26	43	31116	3.053 ug/L #	52
16) Methylene chloride	2.53	84	3233	0.110 ug/L	94
30) Cyclohexane	4.70	56	24429	0.532 ug/L	99
35) Methylcyclohexane	6.11	83	32135	0.685 ug/L #	18
38) Bromodichloromethane	6.58	83	11014	0.303 ug/L #	1
48) 2-Hexanone	8.19	43	9923	0.866 ug/L #	77

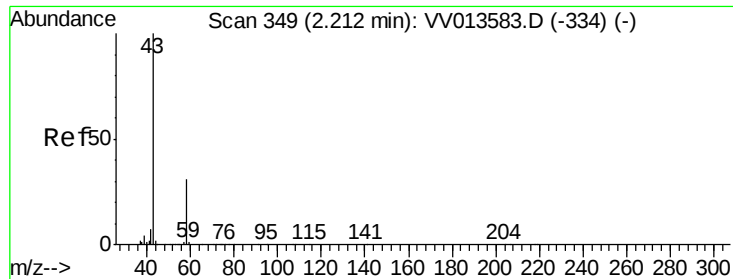
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.160 ug/L

RT: 2.26 min Scan# 365

Delta R.T. 0.05 min

Lab File: VV013591.D

Acq: 12 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

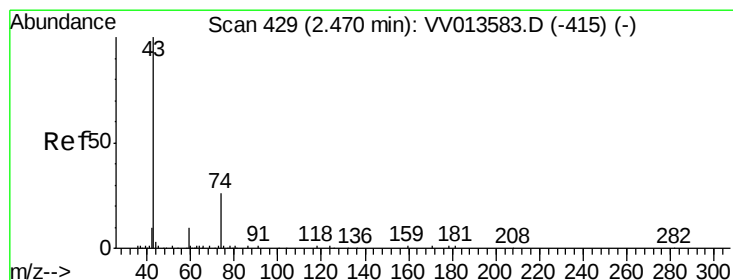
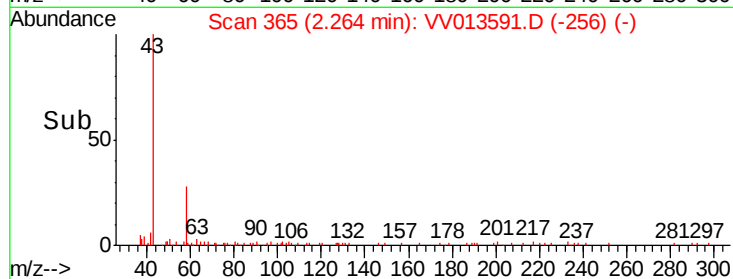
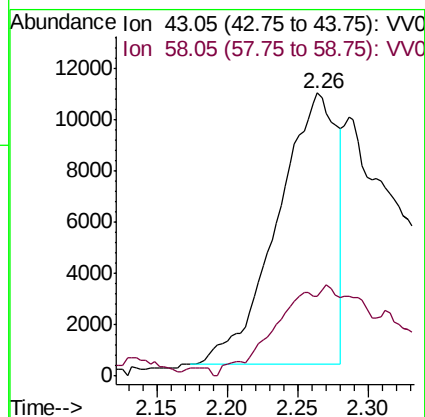
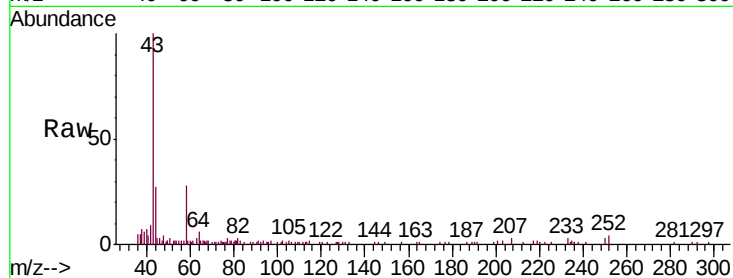
COAM0

Tgt Ion: 43 Resp: 31225

Ion Ratio Lower Upper

43 100

58 0.9 0.0 60.8



#15

Methyl Acetate

Concen: 3.053 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.21 min

Lab File: VV013591.D

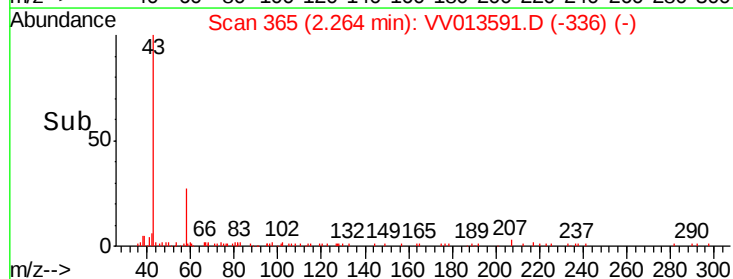
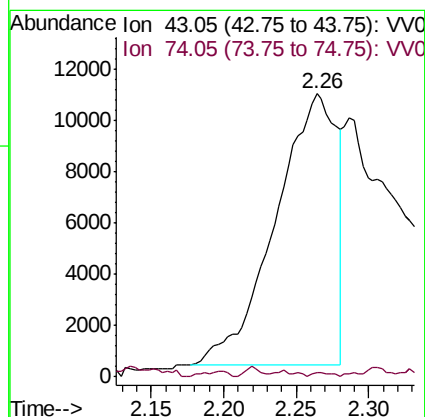
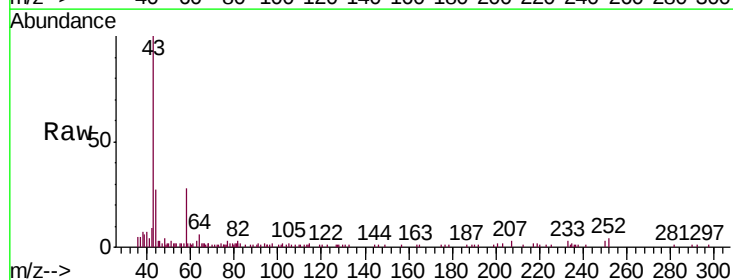
Acq: 12 Nov 2019 16:08

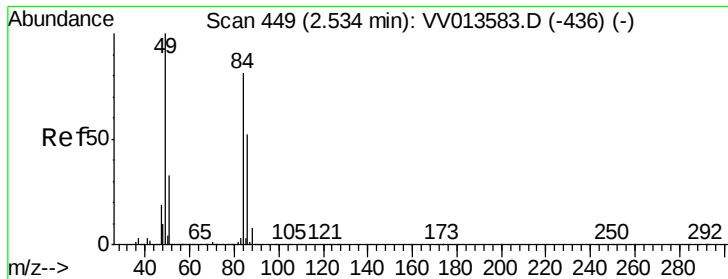
Tgt Ion: 43 Resp: 31116

Ion Ratio Lower Upper

43 100

74 0.5 19.4 29.0#

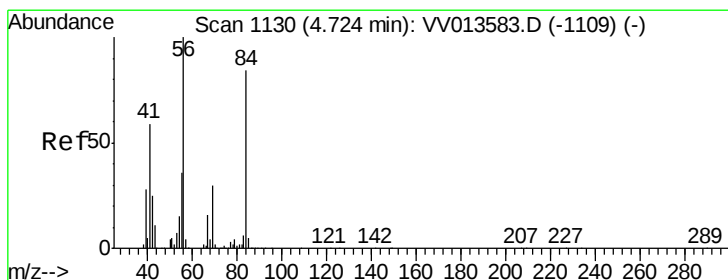
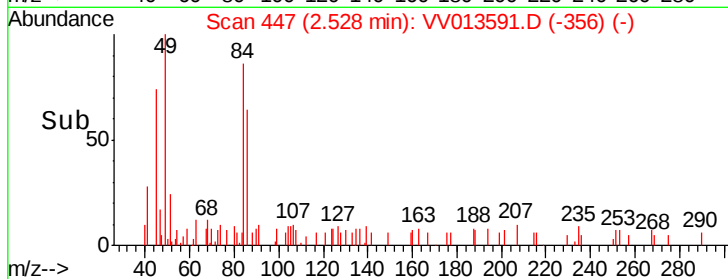
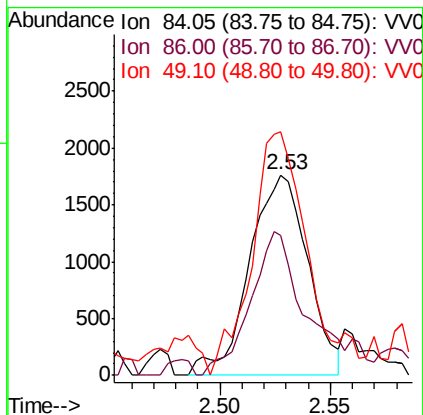
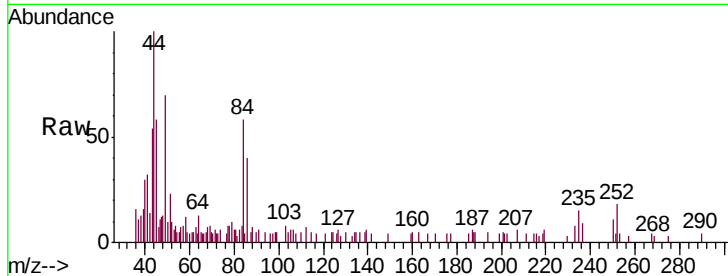




#16
Methylene chloride
Concen: 0.110 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV013591.D
Acq: 12 Nov 2019 16:08

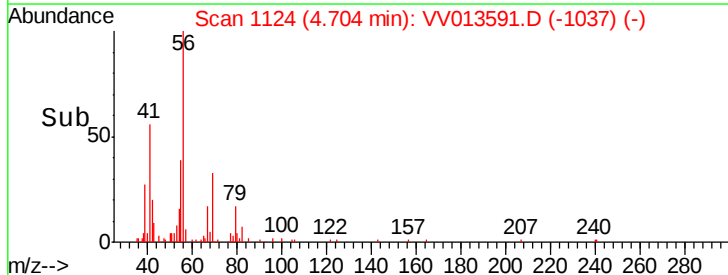
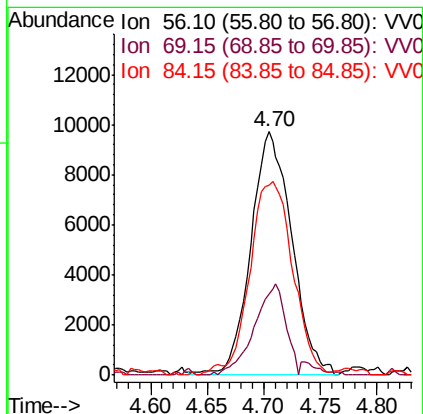
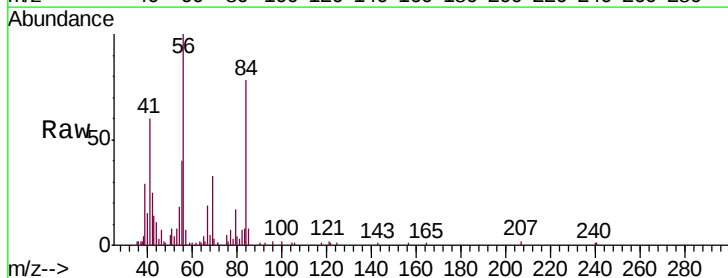
Instrument :
MSVOA_V
ClientSampled :
COAMO

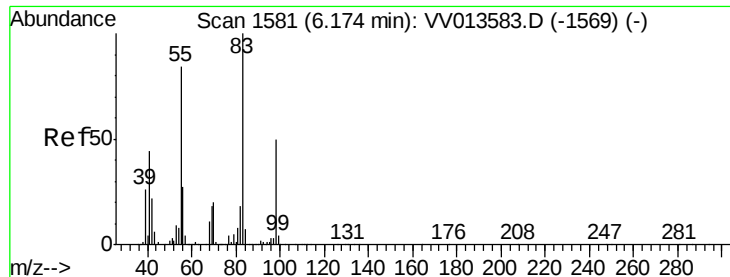
Tgt Ion: 84 Resp: 3233
Ion Ratio Lower Upper
84 100
86 69.9 44.2 82.2
49 121.4 88.8 164.8



#30
Cyclohexane
Concen: 0.532 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.02 min
Lab File: VV013591.D
Acq: 12 Nov 2019 16:08

Tgt Ion: 56 Resp: 24429
Ion Ratio Lower Upper
56 100
69 28.6 22.9 34.3
84 83.4 67.2 100.8

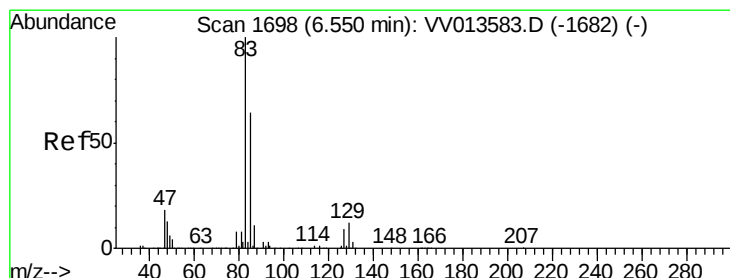
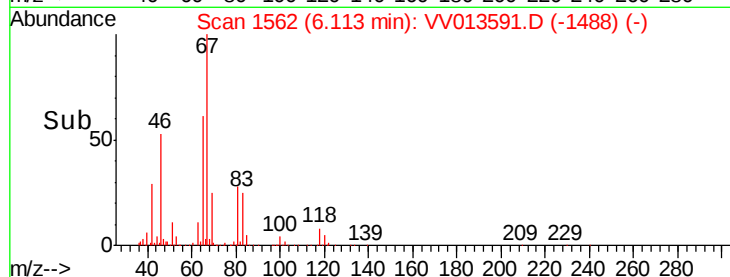
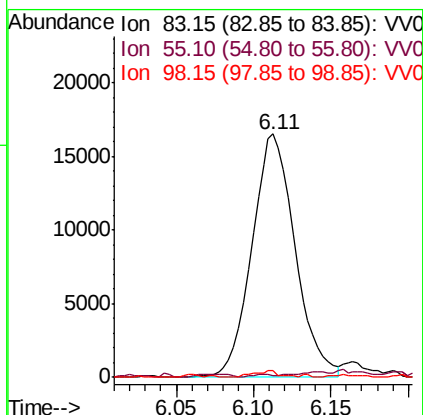
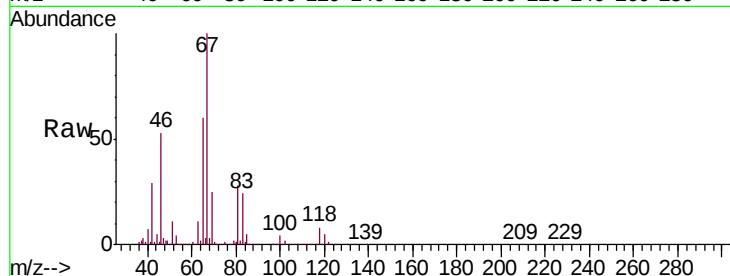




#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013591.D
Acq: 12 Nov 2019 16:08

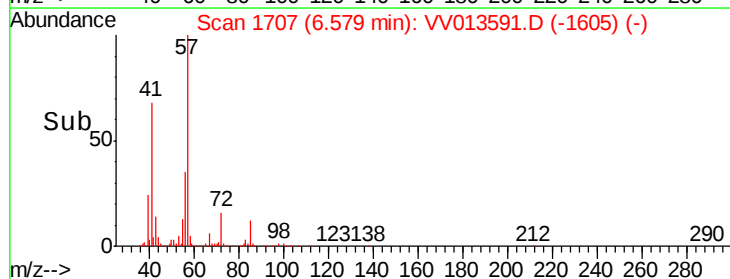
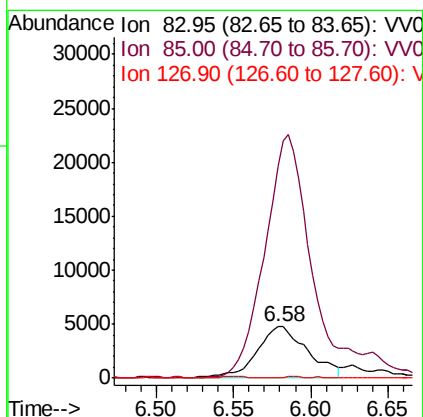
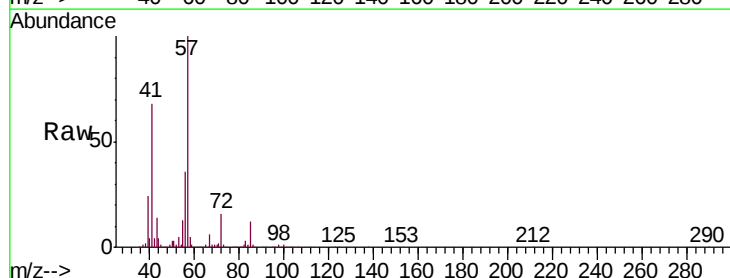
Instrument :
MSVOA_V
ClientSampleId :
COAM0

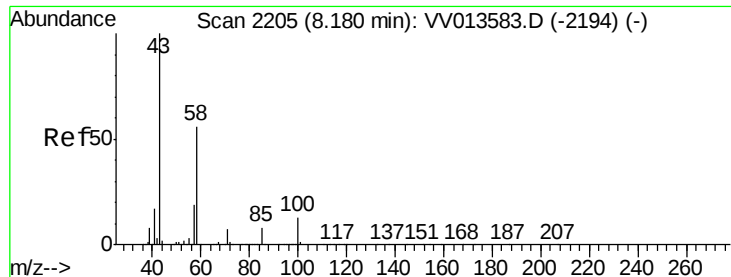
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.8	95.8#
98	1.6	38.4	57.6#



#38
Bromodichloromethane
Concen: 0.303 ug/L
RT: 6.58 min Scan# 1707
Delta R.T. 0.03 min
Lab File: VV013591.D
Acq: 12 Nov 2019 16:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	411.5	43.6	81.0#
127	0.0	6.5	9.7#





#48

2-Hexanone

Concen: 0.866 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV013591.D

Acq: 12 Nov 2019 16:08

Instrument :

MSVOA_V

ClientSampleId :

COAMO

Tgt Ion: 43 Resp: 9923

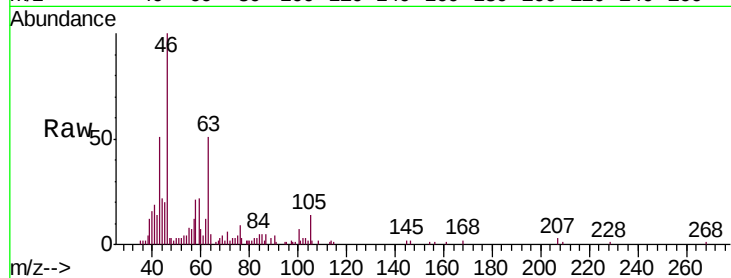
Ion Ratio Lower Upper

43 100

58 36.9 43.8 65.8#

57 31.8 15.0 22.6#

100 10.4 9.8 14.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

