

Data File : VV013235.D
Acq On : 19 Oct 2019 05:42
Operator : SY/MD
Sample : K5457-19
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K24

Quant Time: Oct 19 06:43:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	440670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	484846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	240862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212247	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	174340	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	248811	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	509800	55.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	4.40	84	416009	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	203617	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	833856	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	260155	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	675538	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.66	79	83151	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	327976	41.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	168489	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	258280	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

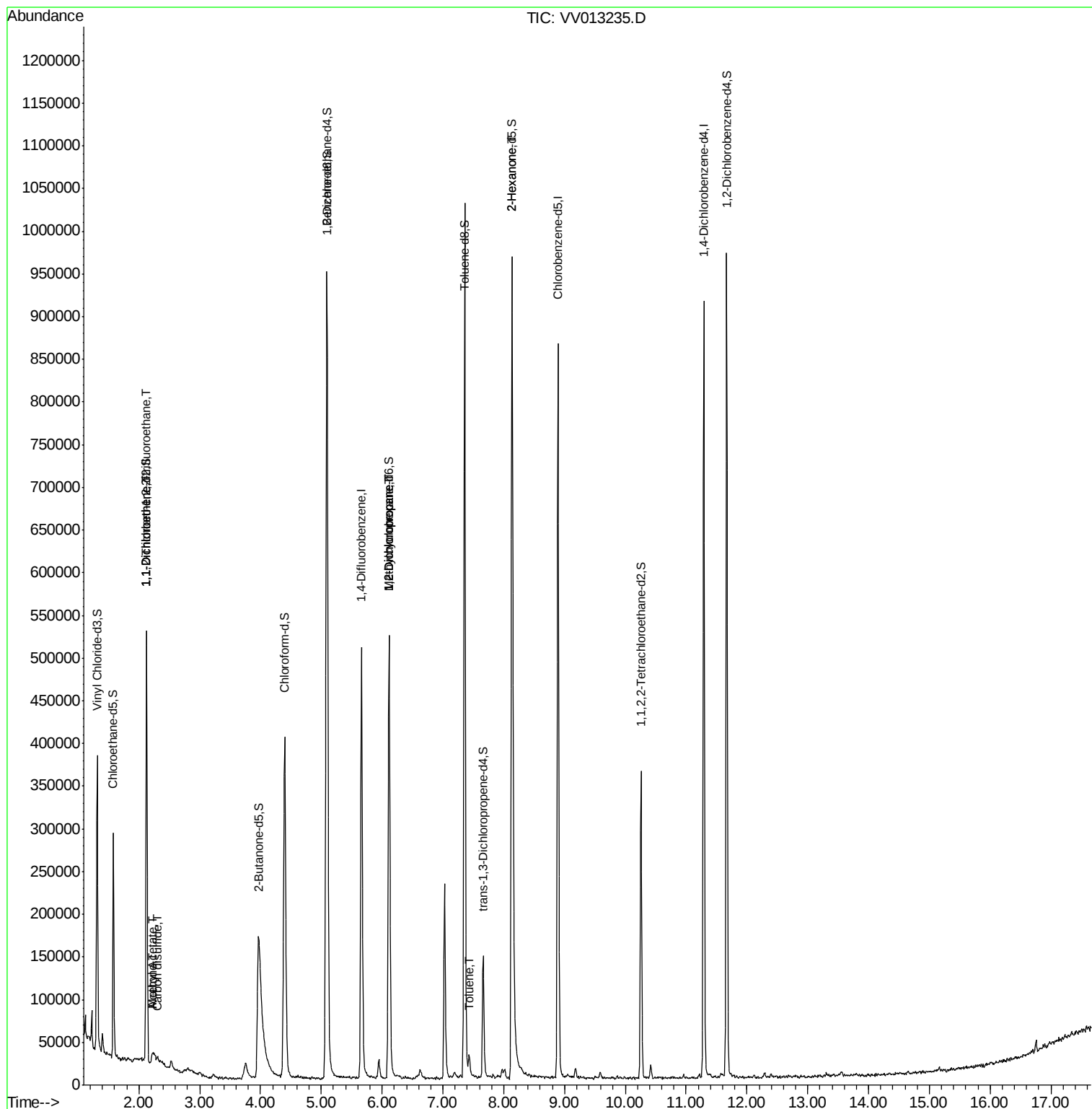
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2929	0.079	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2812	0.079	ug/L #	1
13) Acetone	2.23	43	27831	6.563	ug/L	94
14) Carbon disulfide	2.31	76	4456	0.044	ug/L #	75
15) Methyl Acetate	2.23	43	25944	2.483	ug/L #	50
35) Methylcyclohexane	6.11	83	60613	0.780	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	28180	0.585	ug/L #	86
42) Toluene	7.43	91	17357	0.086	ug/L	95
48) 2-Hexanone	8.14	43	54436	2.893	ug/L #	89

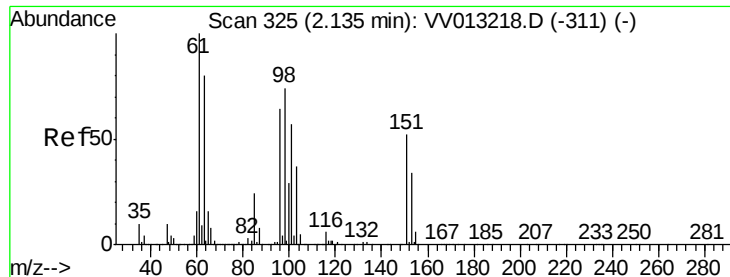
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.079 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

Instrument :

MSVOA_V

ClientSampled :

C0K24

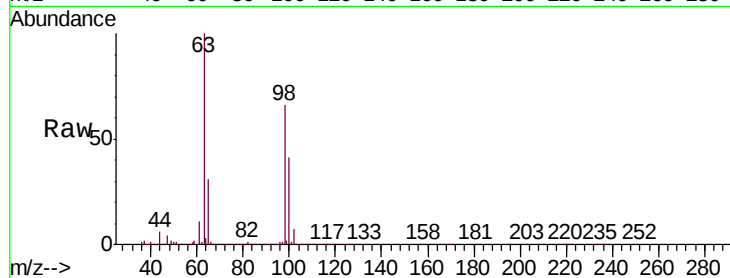
Tgt Ion: 101 Resp: 2929

Ion Ratio Lower Upper

101 100

85 5.4 32.4 48.6#

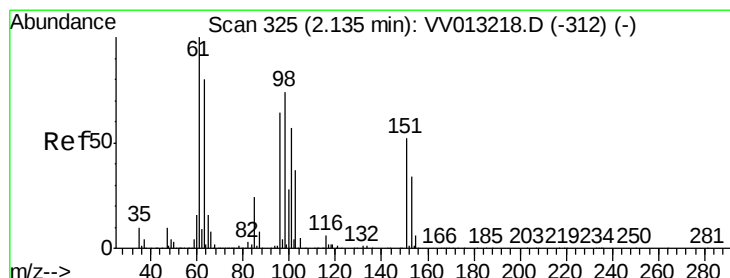
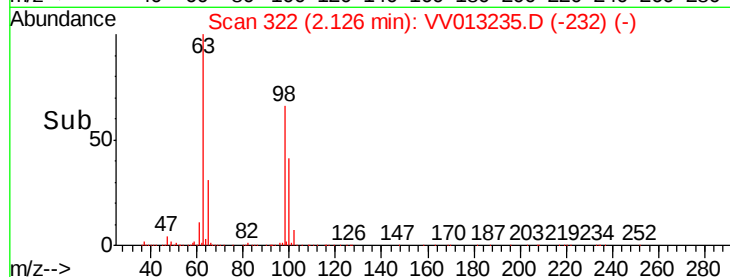
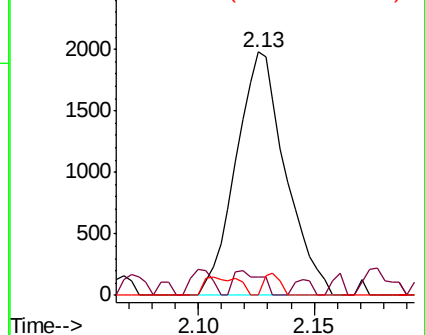
151 3.0 71.9 107.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

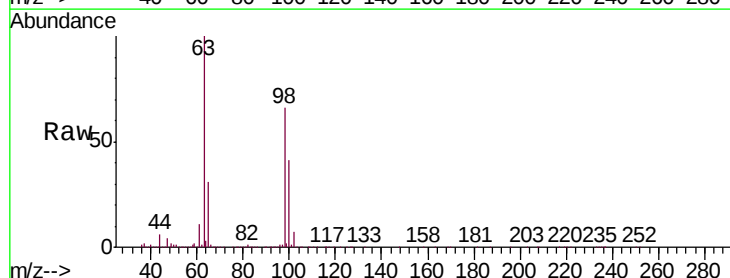
Tgt Ion: 96 Resp: 2812

Ion Ratio Lower Upper

96 100

61 1107.0 109.8 204.0#

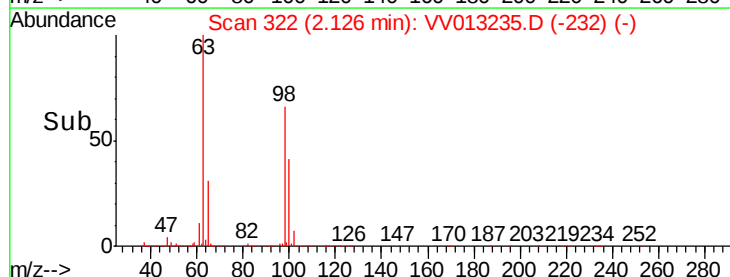
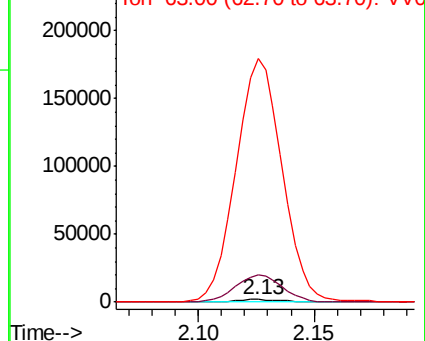
63 9940.2 72.6 134.8#

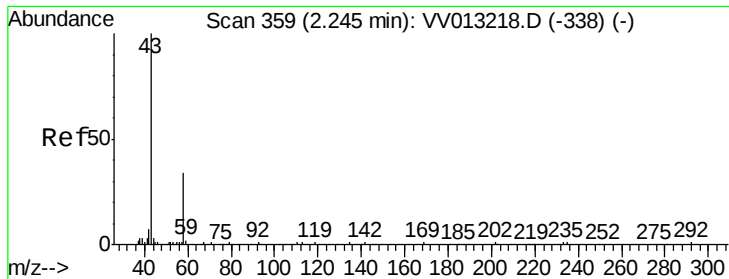


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.563 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.01 min

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Acq: 19 Oct 2019 05:42

Instrument :

MSVOA_V

ClientSampleId :

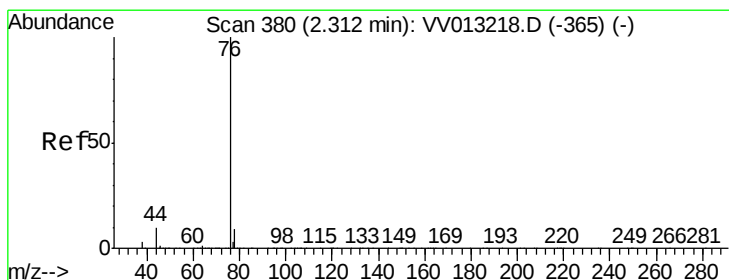
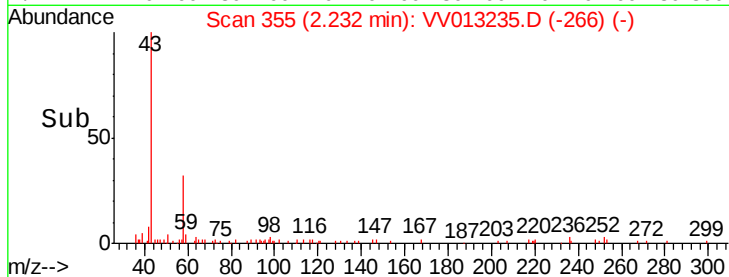
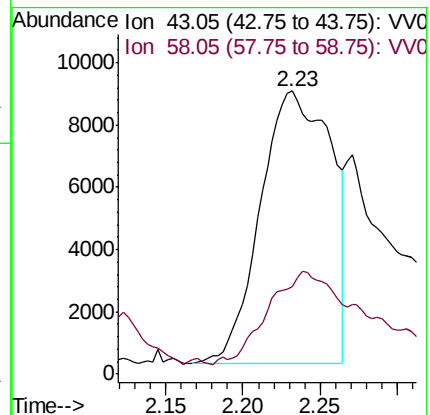
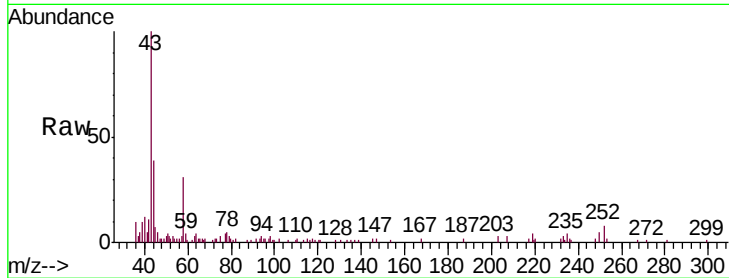
C0K24

Tgt Ion: 43 Resp: 27831

Ion Ratio Lower Upper

43 100

58 29.5 0.0 52.4



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013235.D

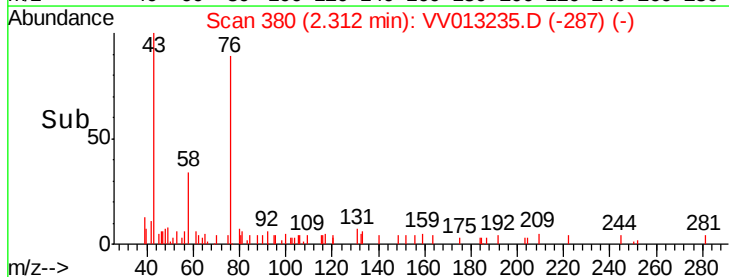
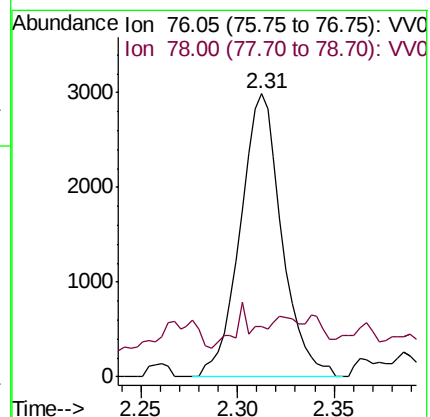
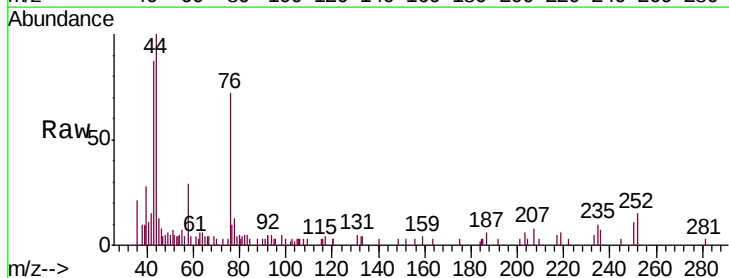
Acq: 19 Oct 2019 05:42

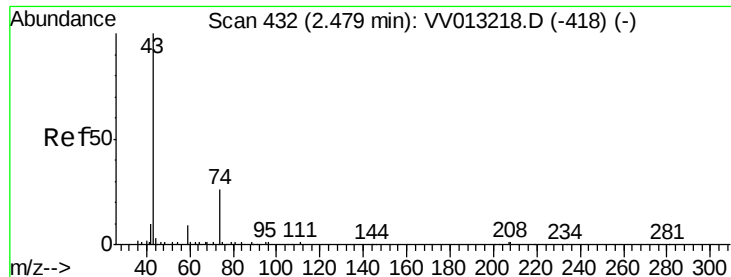
Tgt Ion: 76 Resp: 4456

Ion Ratio Lower Upper

76 100

78 17.8 7.1 10.7#





#15

Methyl Acetate

Concen: 2.483 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.25 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

Instrument :

MSVOA_V

ClientSampleId :

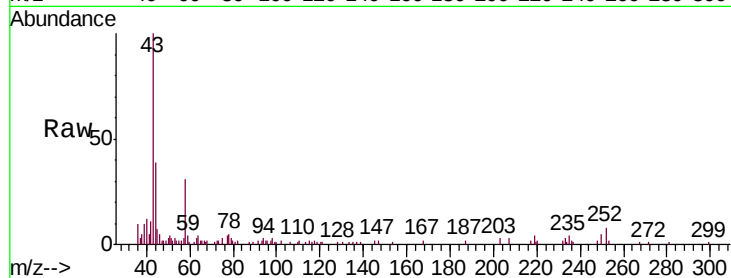
C0K24

Tgt Ion: 43 Resp: 25944

Ion Ratio Lower Upper

43 100

74 0.4 20.7 31.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.23

10000

8000

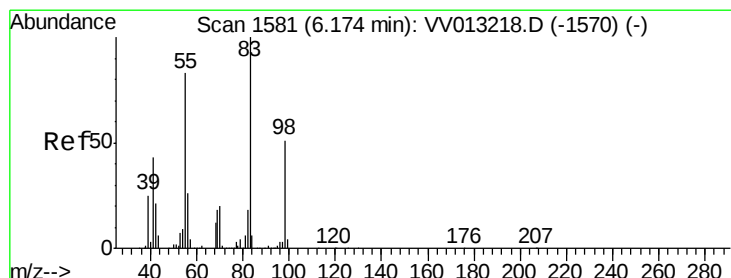
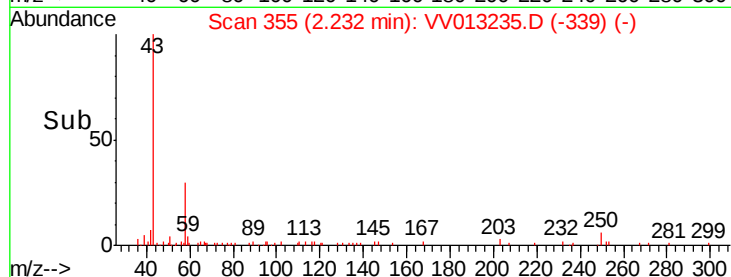
6000

4000

2000

0

Time--> 2.15 2.20 2.25



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

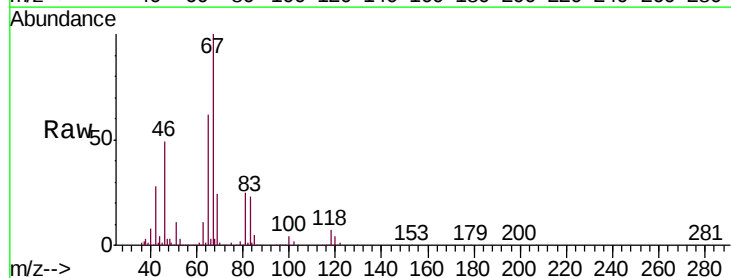
Tgt Ion: 83 Resp: 60613

Ion Ratio Lower Upper

83 100

55 0.6 64.0 96.0#

98 0.0 38.6 57.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

40000

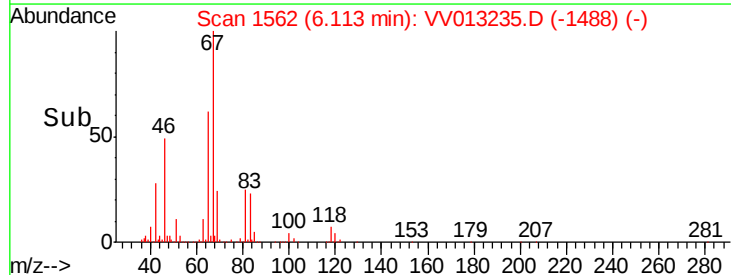
30000

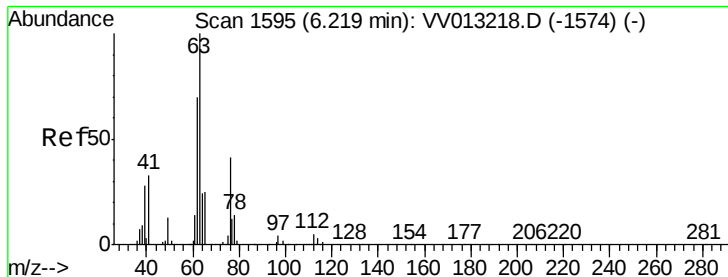
20000

10000

0

Time--> 6.00 6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

Instrument :

MSVOA_V

ClientSampleId :

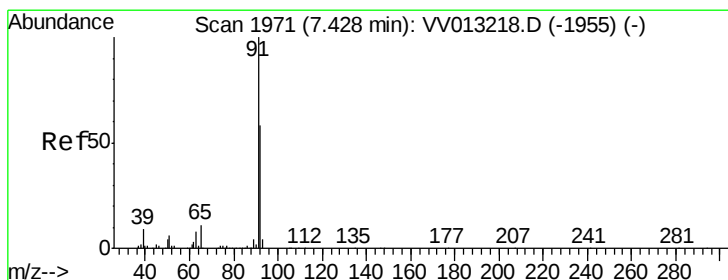
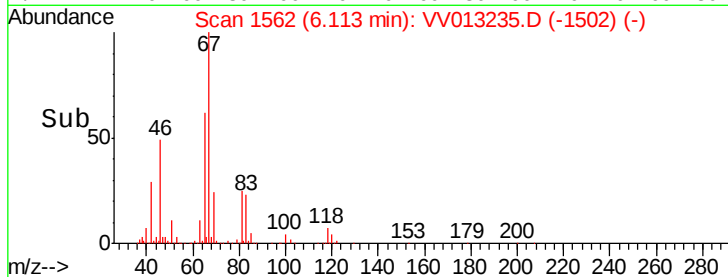
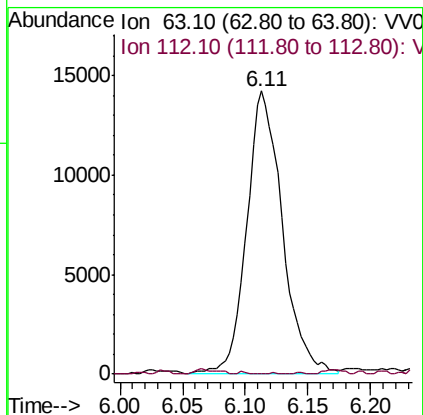
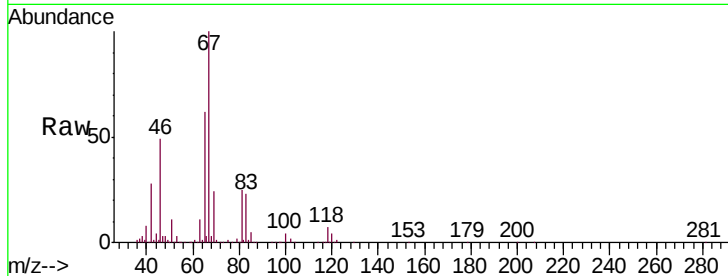
C0K24

Tgt Ion: 63 Resp: 28180

Ion Ratio Lower Upper

63 100

112 0.1 3.8 5.8#



#42

Toluene

Concen: 0.086 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013235.D

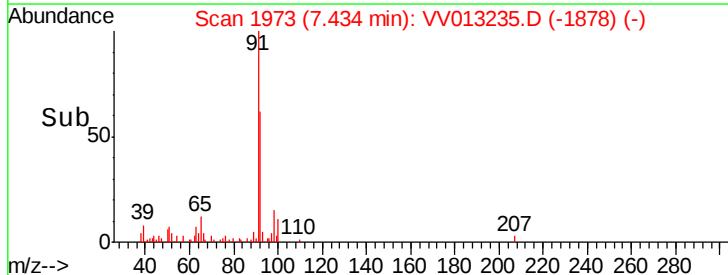
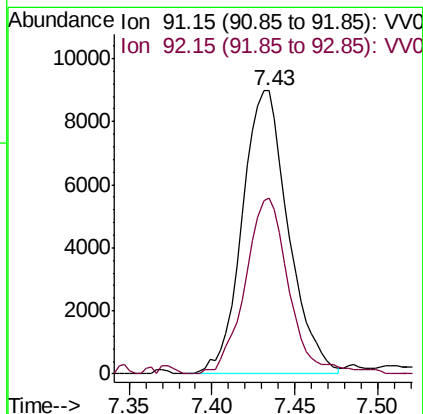
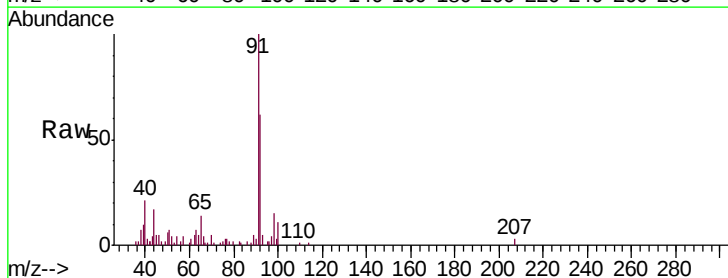
Acq: 19 Oct 2019 05:42

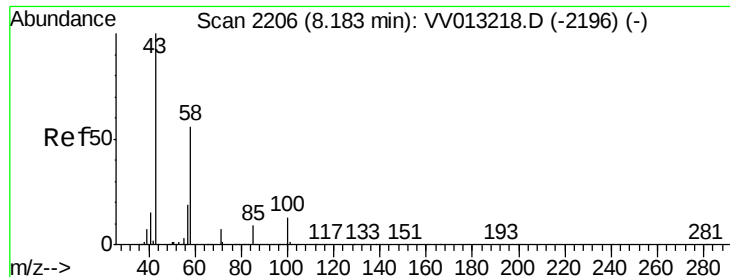
Tgt Ion: 91 Resp: 17357

Ion Ratio Lower Upper

91 100

92 62.3 41.2 76.4





#48

2-Hexanone

Concen: 2.893 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013235.D

Acq: 19 Oct 2019 05:42

Instrument :
MSVOA_V
ClientSampleId :
C0K24

Tgt Ion: 43 Resp: 54436

Ion Ratio Lower Upper

43 100

58 57.2 44.2 66.2

57 32.2 14.5 21.7#

100 4.6 9.5 14.3#

