

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013375.D
 Acq On : 26 Oct 2019 15:53
 Operator : SY/MD
 Sample : K5567-03
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:50:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	415935	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	464838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	237984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168868	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.58	69	142965	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.13	63	210047	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.97	46	363921	61.80	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.60%
24) Chloroform-d	4.40	84	378721	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	180520	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	791101	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	238325	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	687548	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.66	79	73588	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	252659	41.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	157090	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	278966	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

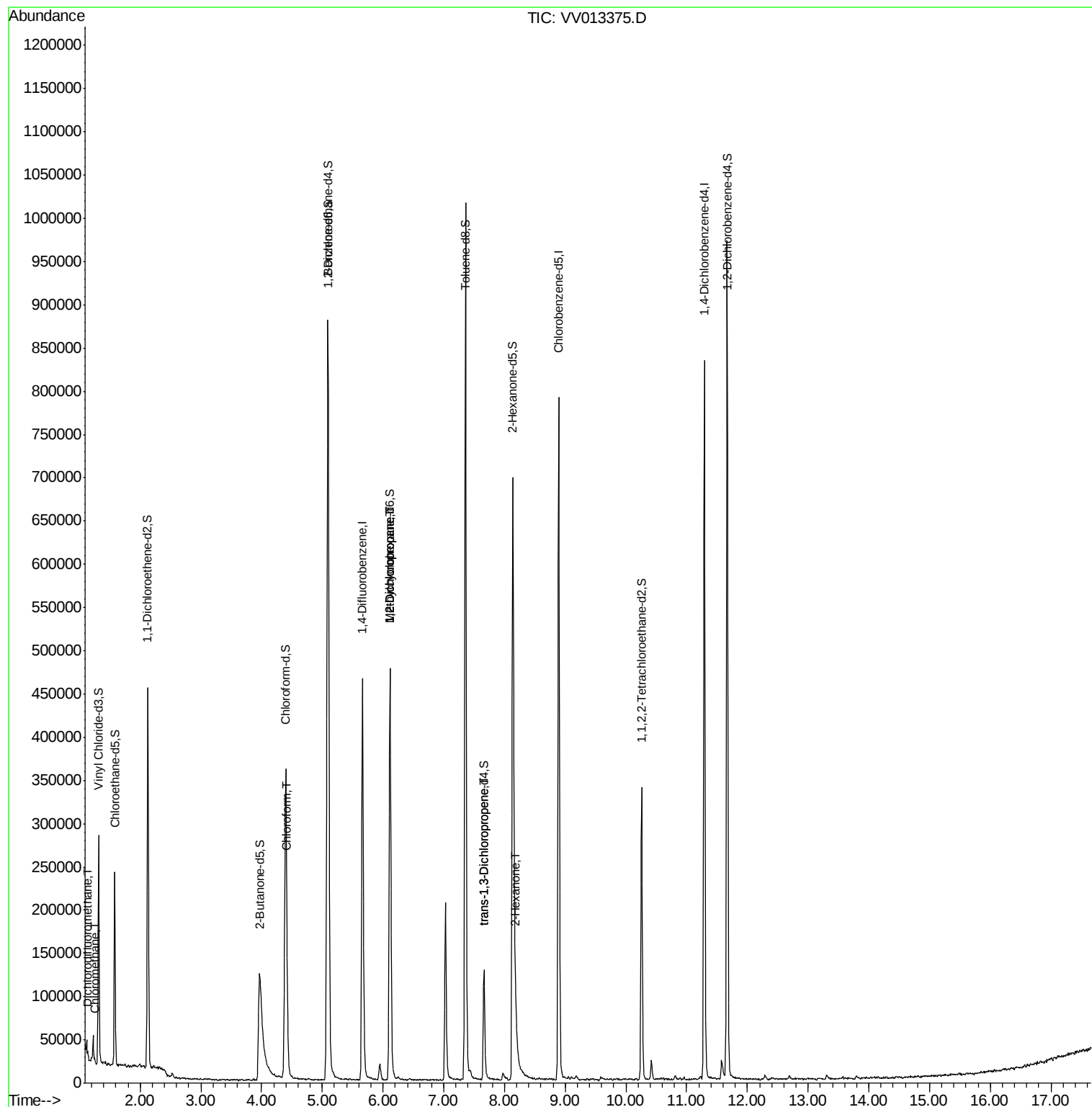
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3530	0.077 ug/L	98
3) Chloromethane	1.25	50	3267	0.082 ug/L	90
25) Chloroform	4.42	83	15200	0.186 ug/L	91
35) Methylcyclohexane	6.12	83	59663	0.814 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	24768	0.574 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3161	0.069 ug/L #	59
48) 2-Hexanone	8.19	43	25793	1.639 ug/L #	88

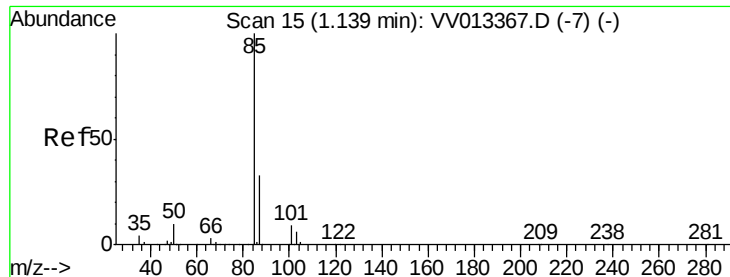
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 29 13:11:08 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.077 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV013375.D

Acq: 26 Oct 2019 15:53

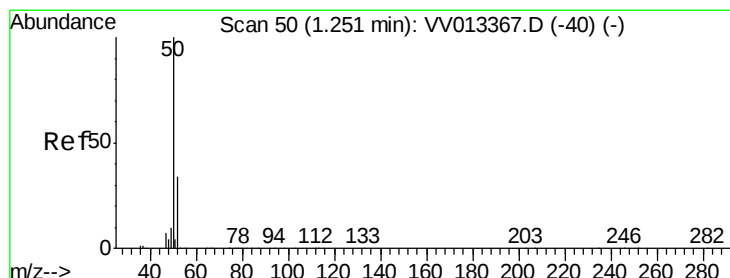
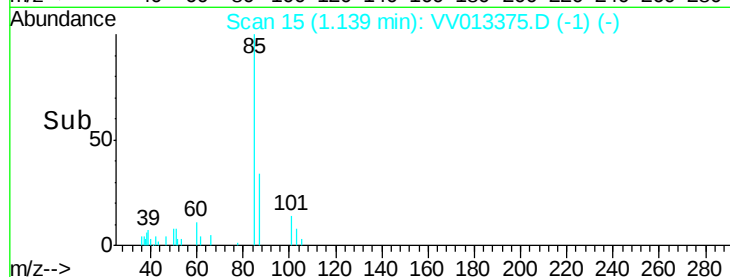
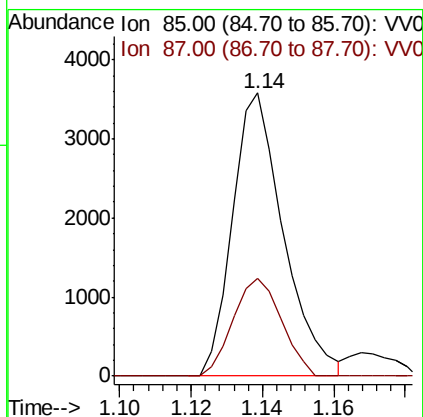
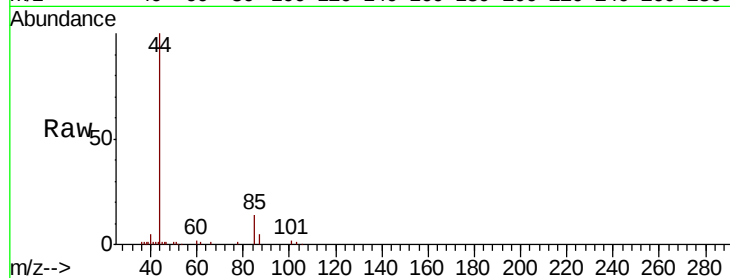
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 3530

Ion Ratio Lower Upper

85 100

87 32.8 25.4 38.2



#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV013375.D

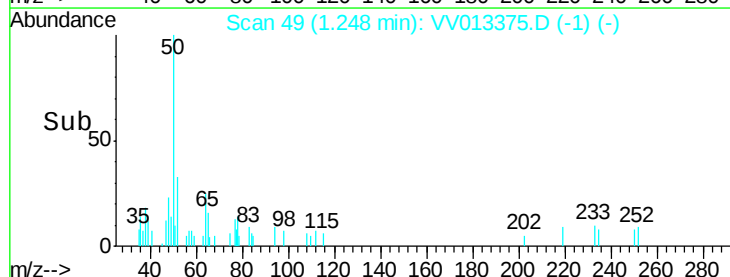
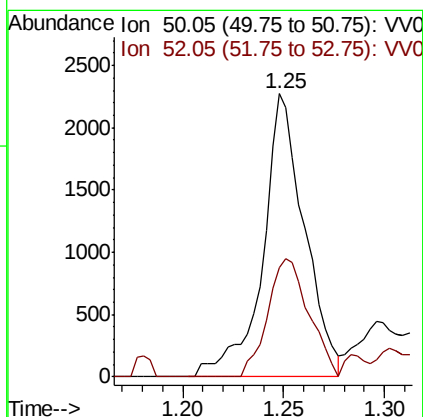
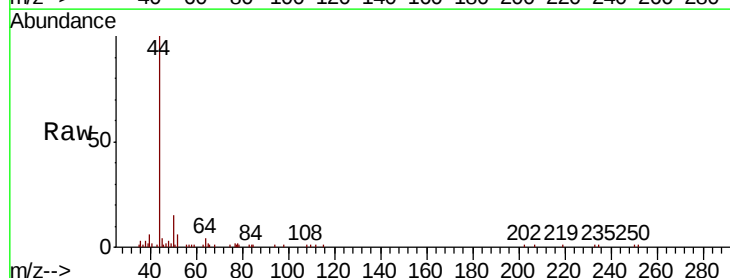
Acq: 26 Oct 2019 15:53

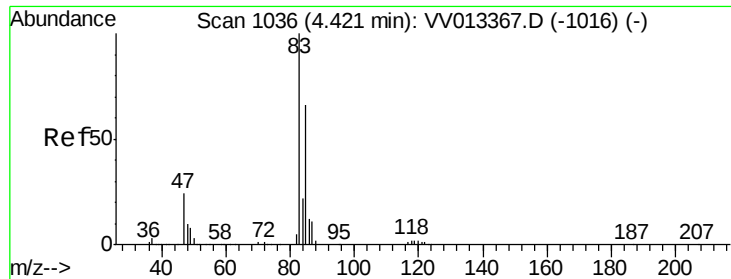
Tgt Ion: 50 Resp: 3267

Ion Ratio Lower Upper

50 100

52 38.8 23.3 43.3





#25

Chloroform

Concen: 0.186 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013375.D

Acq: 26 Oct 2019 15:53

Instrument :

MSVOA_V

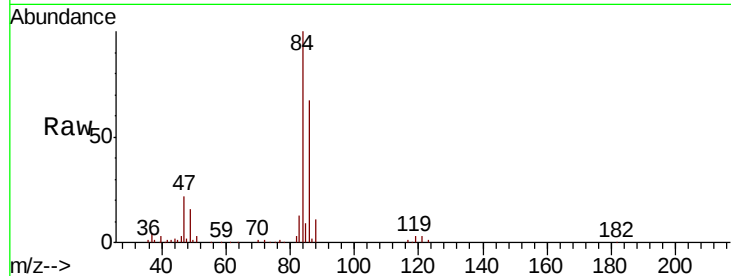
ClientSampleId :

Tot Ion: 83 Resp: 15200

Ion Ratio Lower Upper

83 100

85 72.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

6000

5000

4000

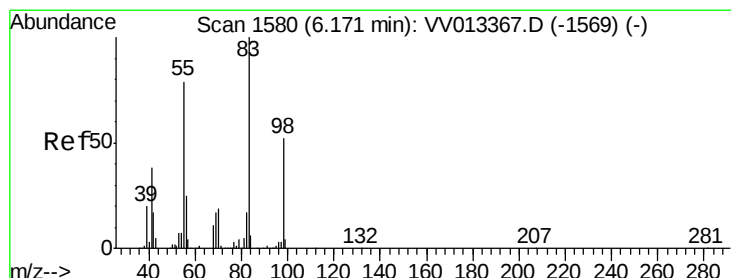
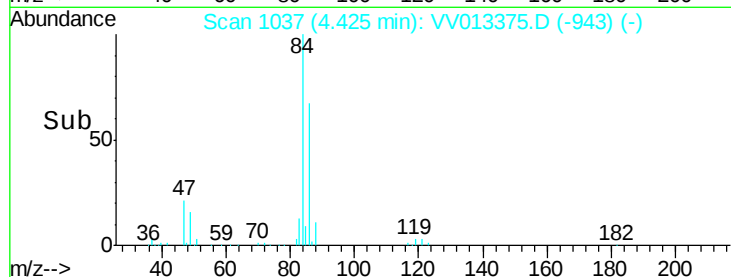
3000

2000

1000

0

Time--> 4.30 4.40 4.50



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013375.D

Acq: 26 Oct 2019 15:53

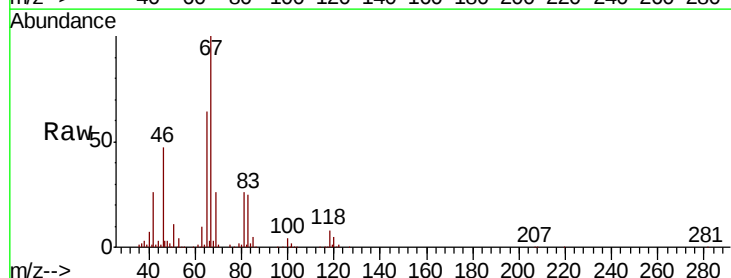
Tgt Ion: 83 Resp: 59663

Ion Ratio Lower Upper

83 100

55 0.8 62.4 93.6#

98 0.7 39.2 58.8#



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

6.12

40000

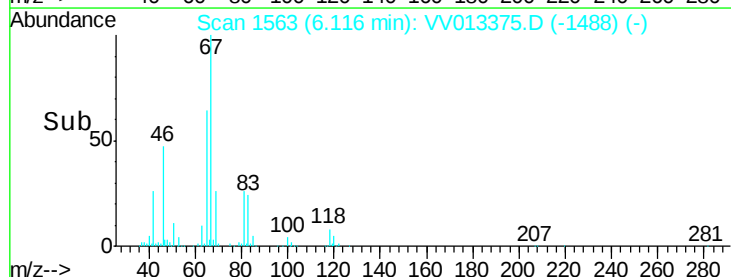
30000

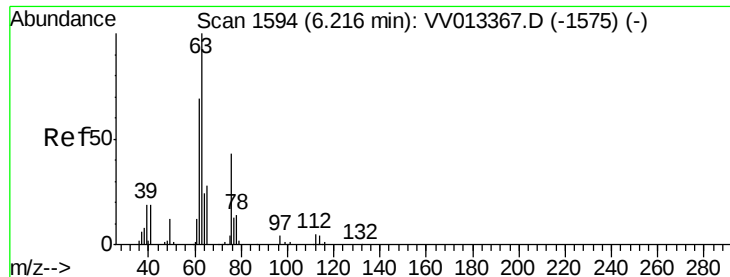
20000

10000

0

Time--> 6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013375.D

Acq: 26 Oct 2019 15:53

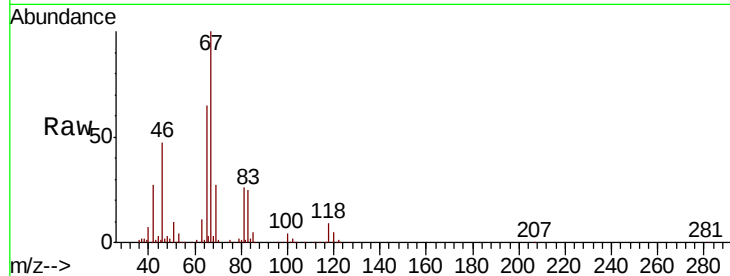
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 24768

Ion Ratio Lower Upper

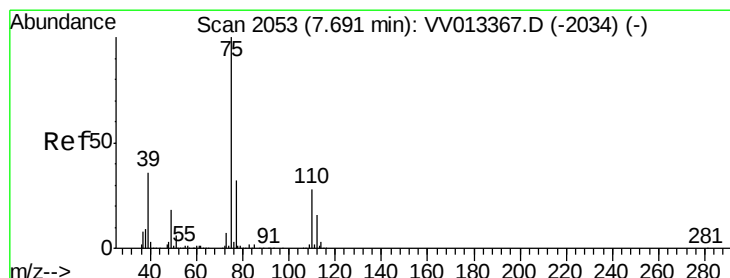
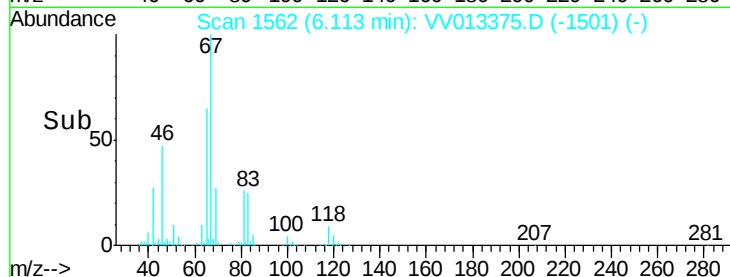
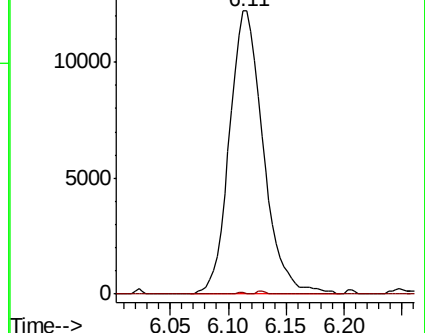
63 100

112 0.2 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV013367.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV013367.D (-1575) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013375.D

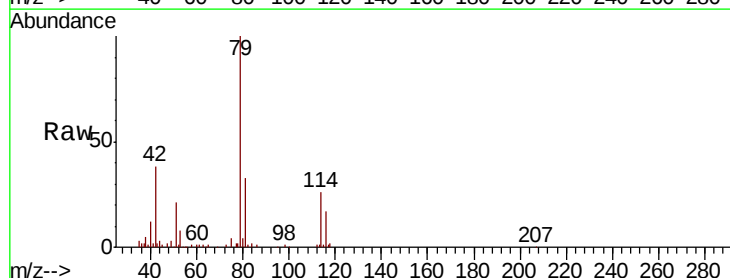
Acq: 26 Oct 2019 15:53

Tgt Ion: 75 Resp: 3161

Ion Ratio Lower Upper

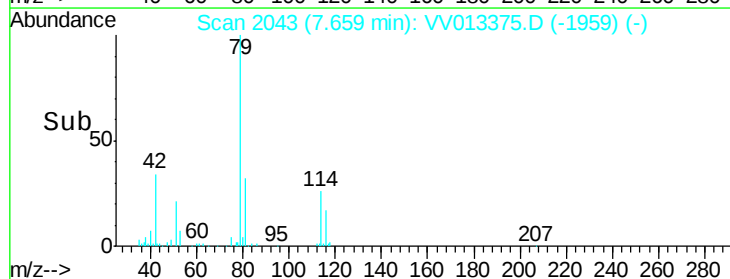
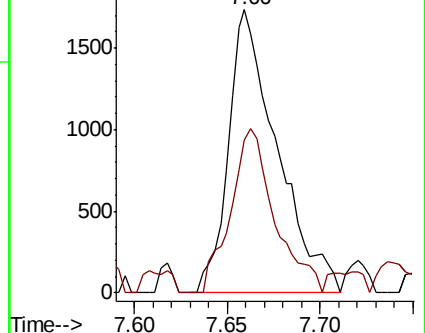
75 100

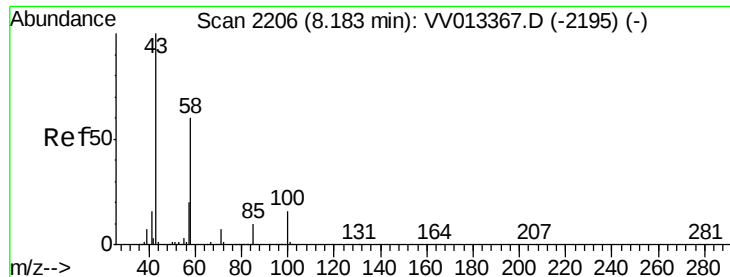
77 53.8 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV013367.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV013367.D (-2034) (-)





#48

2-Hexanone

Concen: 1.639 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013375.D

Acq: 26 Oct 2019 15:53

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 25793

Ion	Ratio	Lower	Upper
43	100		
58	44.5	45.1	67.7#
57	21.5	15.5	23.3
100	12.1	10.2	15.2

