

Data File : VV011474.D
Acq On : 13 Jun 2019 21:33
Operator : SY/MD
Sample : K3314-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM46

Quant Time: Jun 14 04:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138989	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	121877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49468	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	38954	4.45	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.12	63	80795	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.97	46	107981	45.54	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	4.40	84	86252	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	49724	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	178480	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	55258	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	152026	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	15083	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.14	63	86166	47.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34675	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43527	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

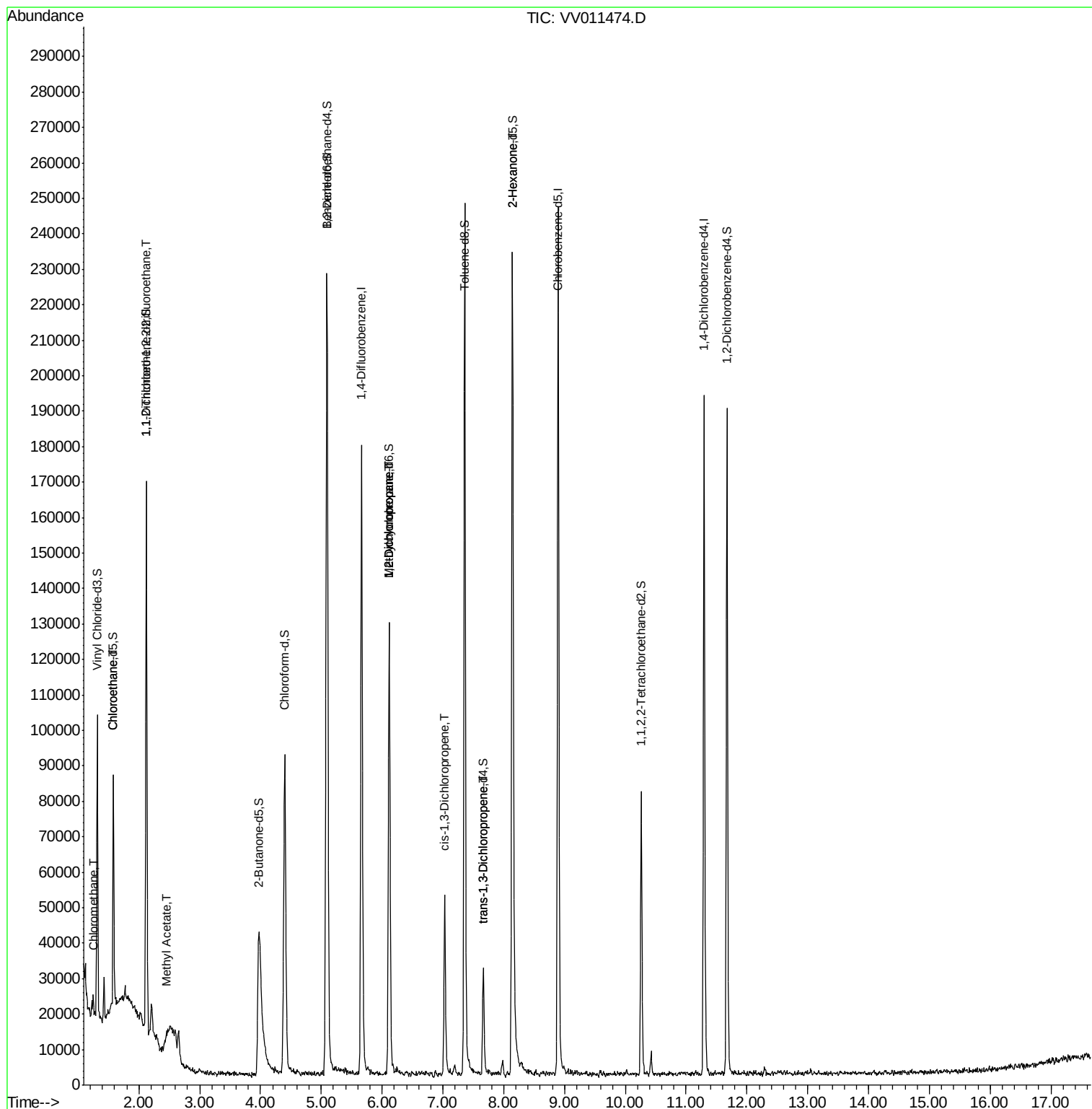
						Qvalue
3) Chloromethane	1.25	50	3594	0.271	ug/L	98
8) Chloroethane	1.59	64	31819	3.894	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	812	0.090	ug/L #	26
15) Methyl Acetate	2.46	43	950	0.225	ug/L #	62
35) Methylcyclohexane	6.12	83	12575	0.759	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7620	0.789	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1572	0.111	ug/L	88
44) trans-1,3-Dichloropropene	7.66	75	985	0.092	ug/L	90
48) 2-Hexanone	8.14	43	13587	3.169	ug/L #	71

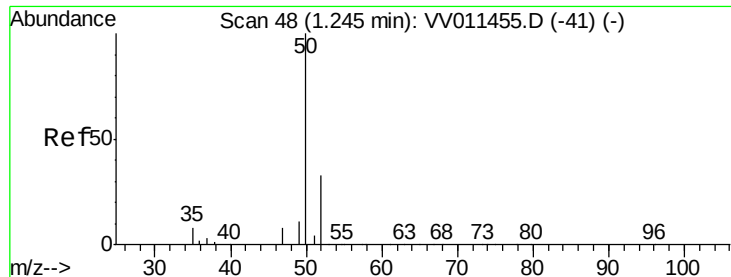
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011474.D
Acq On : 13 Jun 2019 21:33
Operator : SY/MD
Sample : K3314-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM46

Quant Time: Jun 14 04:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.271 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011474.D

Acq: 13 Jun 2019 21:33

Instrument :

MSVOA_V

ClientSampleId :

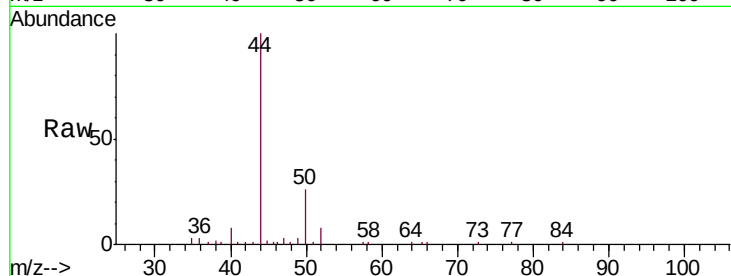
C0M46

Tgt Ion: 50 Resp: 3594

Ion Ratio Lower Upper

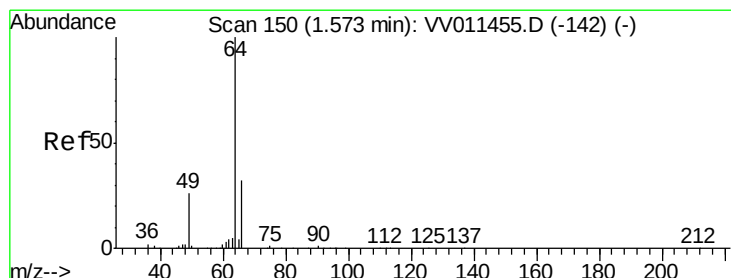
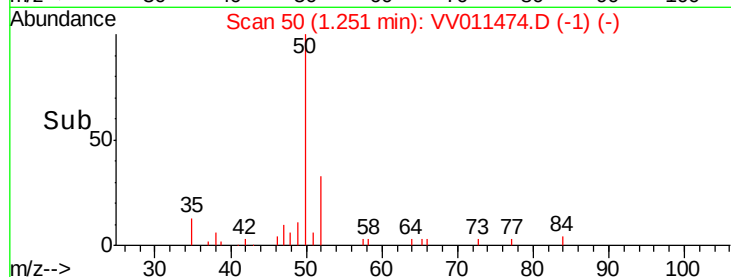
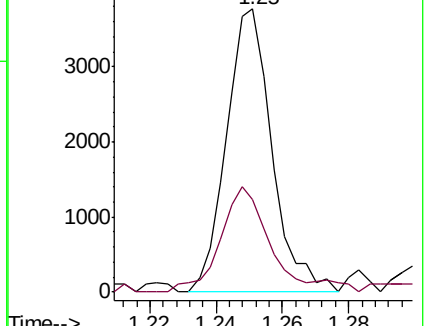
50 100

52 32.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011455.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV011474.D (-57) (-)



#8

Chloroethane

Concen: 3.894 ug/L

RT: 1.59 min Scan# 154

Delta R.T. 0.01 min

Lab File: VV011474.D

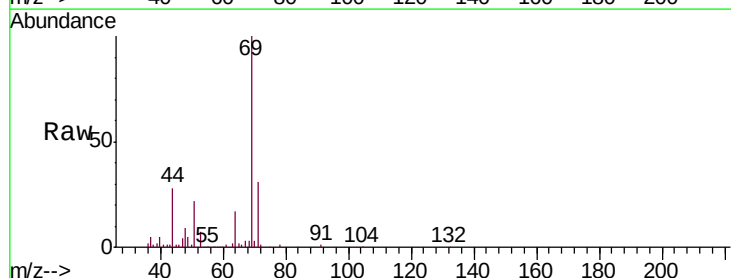
Acq: 13 Jun 2019 21:33

Tgt Ion: 64 Resp: 31819

Ion Ratio Lower Upper

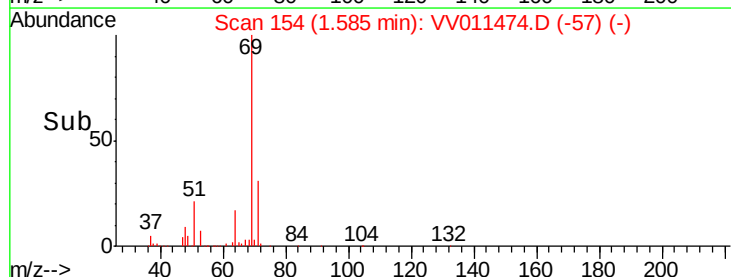
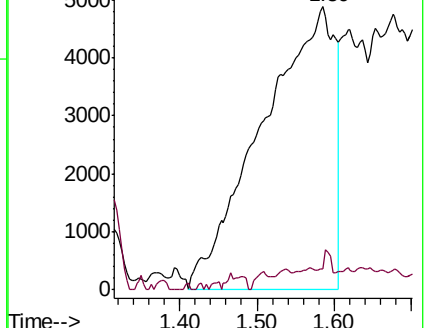
64 100

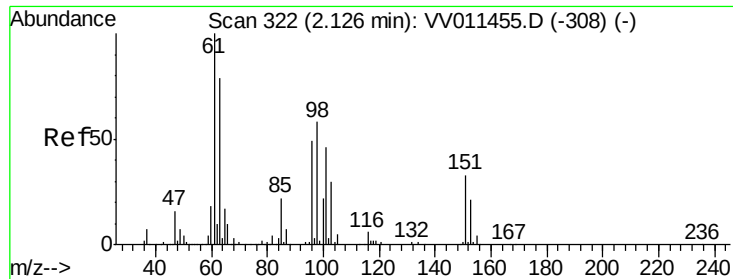
66 7.5 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011455.D (-142) (-)

Ion 66.05 (65.75 to 66.75): VV011474.D (-57) (-)





#10

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

Concen: 0.090 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011474.D

Acq: 13 Jun 2019 21:33

Instrument :

MSVOA_V

ClientSampleId :

COM46

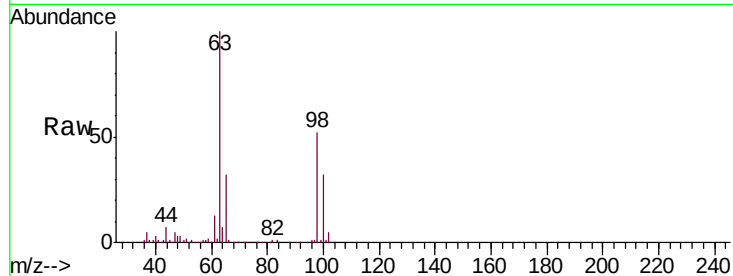
Tgt Ion: 101 Resp: 812

Ion Ratio Lower Upper

101 100

85 8.9 35.5 53.3#

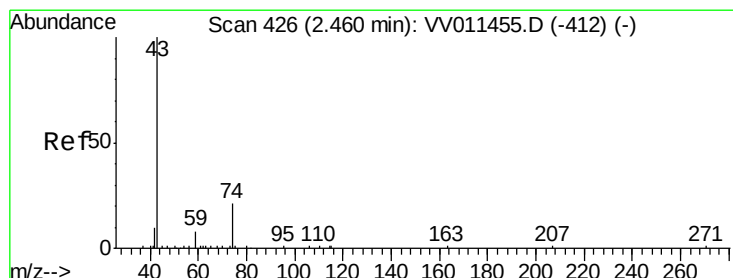
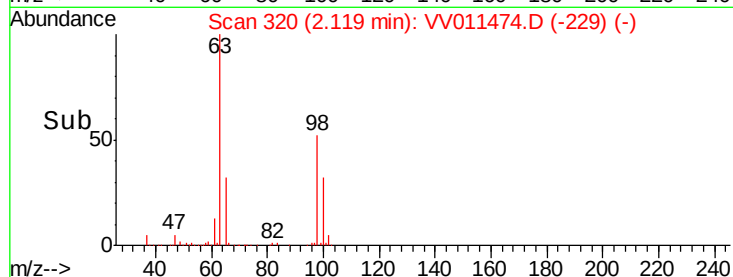
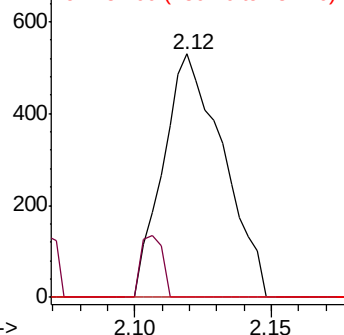
151 0.0 56.9 85.3#



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



#15

Methyl Acetate

Concen: 0.225 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV011474.D

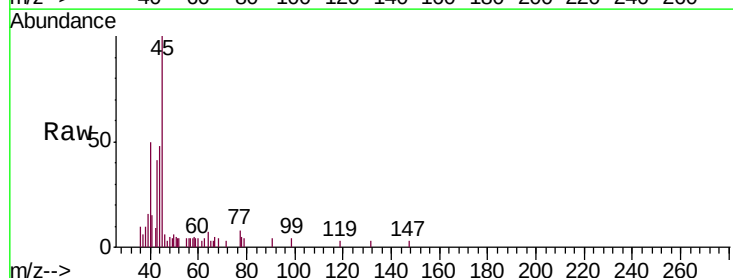
Acq: 13 Jun 2019 21:33

Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

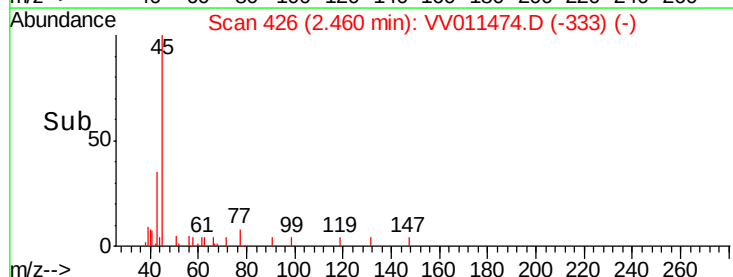
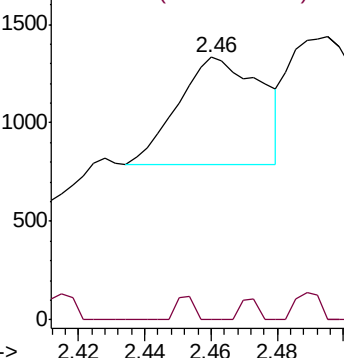
43 100

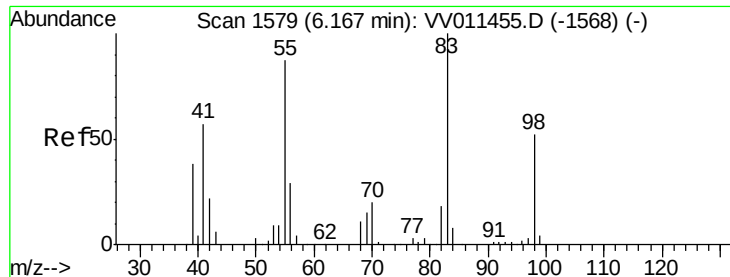
74 4.7 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

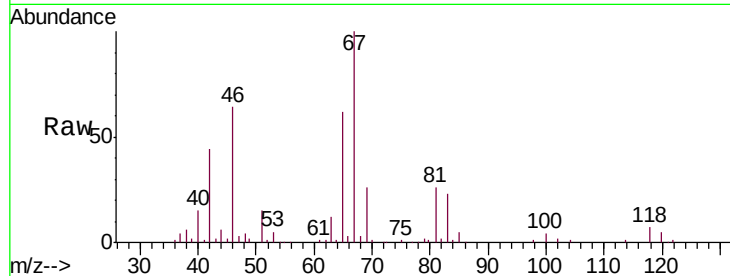




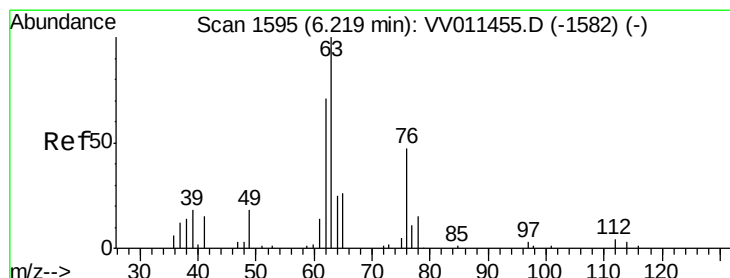
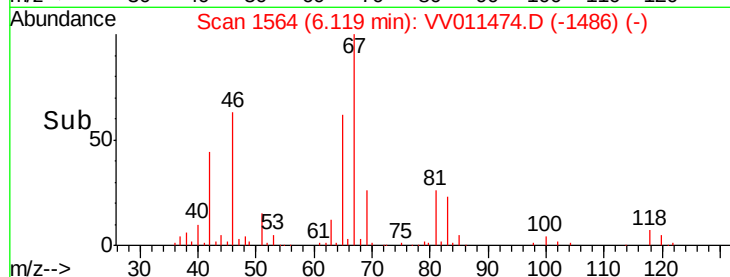
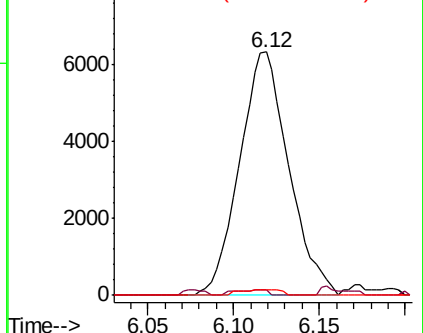
#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011474.D
Acq: 13 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
COM46

Tgt Ion: 83 Resp: 12575
Ion Ratio Lower Upper
83 100
55 0.8 67.0 100.6#
98 2.0 40.0 60.0#

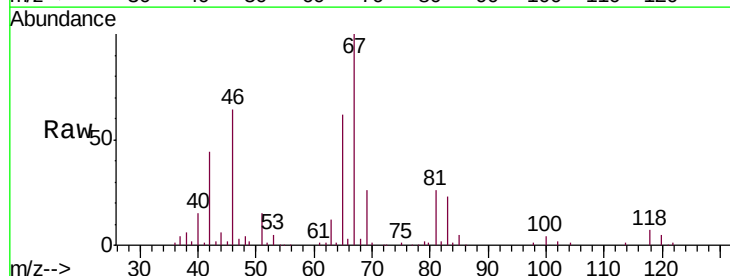


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

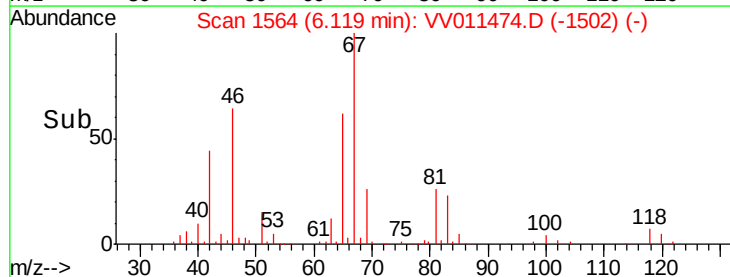
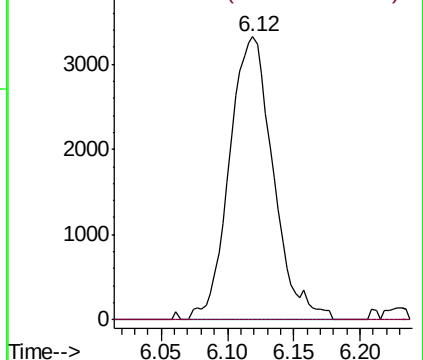


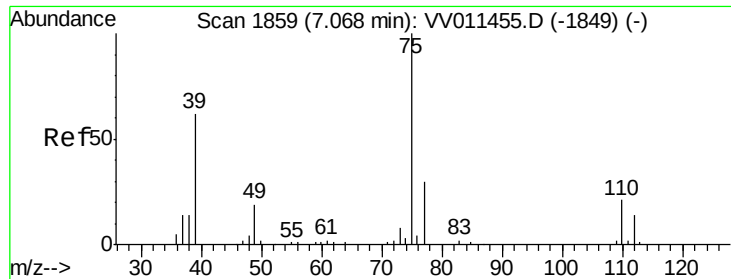
#37
1,2-Dichloropropane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011474.D
Acq: 13 Jun 2019 21:33

Tgt Ion: 63 Resp: 7620
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



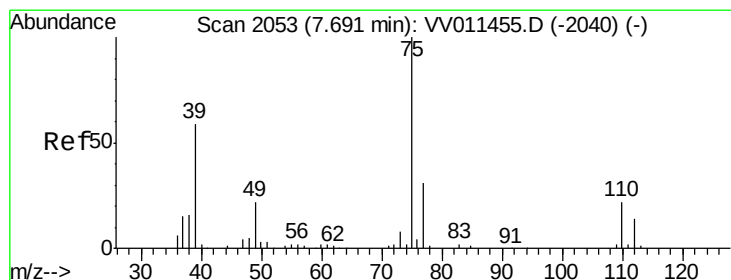
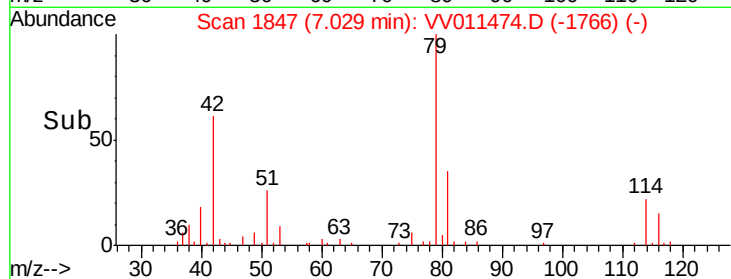
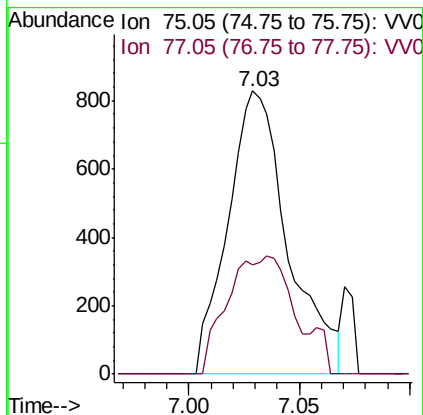
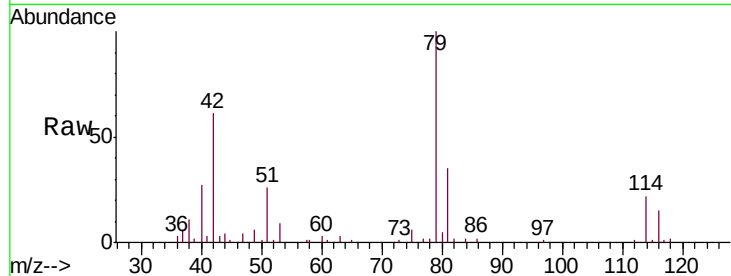


#39

cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011474.D
Acq: 13 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
COM46

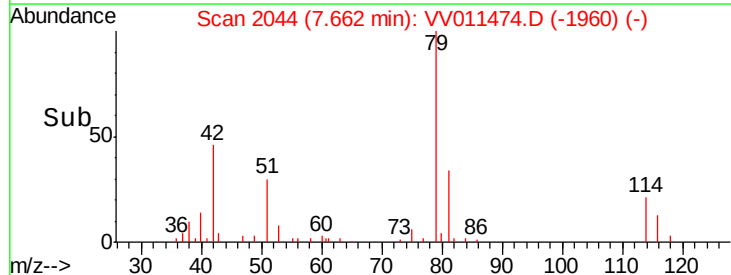
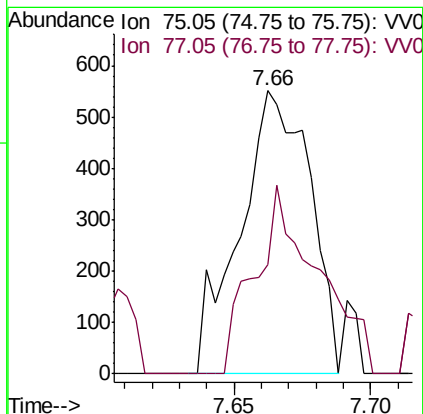
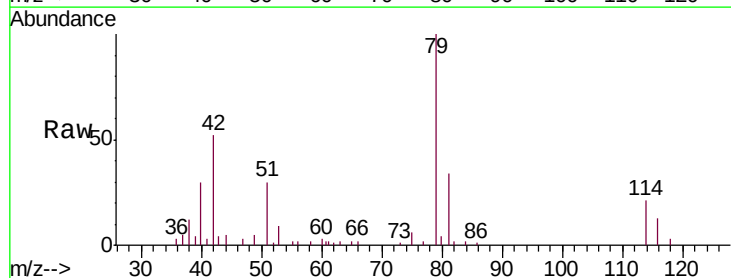
Tgt Ion: 75 Resp: 1572
Ion Ratio Lower Upper
75 100
77 38.5 22.2 41.2

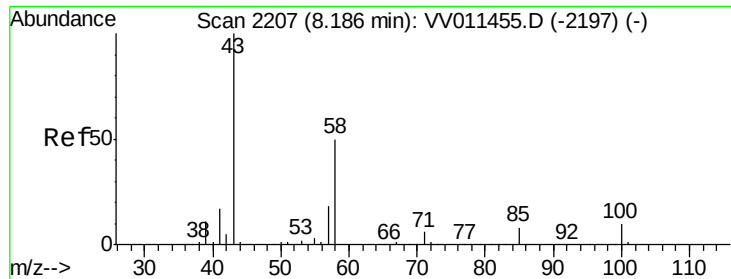


#44

trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011474.D
Acq: 13 Jun 2019 21:33

Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
77 38.7 23.1 42.9





#48

2-Hexanone

Concen: 3.169 ug/L

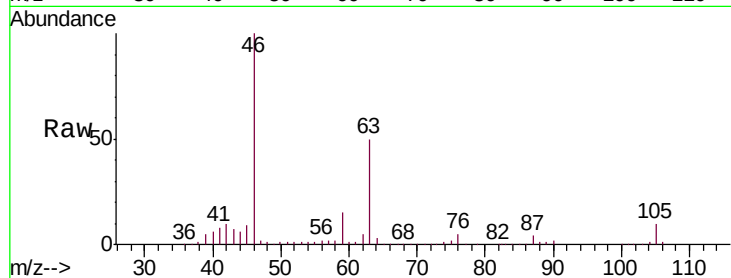
RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV011474.D

Acq: 13 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
COM46



Tgt Ion:	43	Resp:	13587
Ion	Ratio	Lower	Upper
43	100		
58	28.2	41.4	62.0#
57	25.6	15.0	22.4#
100	0.8	9.0	13.4#

