

Data File : VV011375.D
Acq On : 11 Jun 2019 05:03
Operator : SY/MD
Sample : K3229-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P30

Quant Time: Jun 11 08:05:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133683	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46633	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34924	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.56	69	33967	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.12	63	59964	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.95	46	118274	51.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.72%
24) Chloroform-d	4.40	84	80542	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	46929	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.09	84	156812	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.12	67	50154	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	130405	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	12641	2.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.60%
46) 2-Hexanone-d5	8.14	63	88133	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33990	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	43135	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

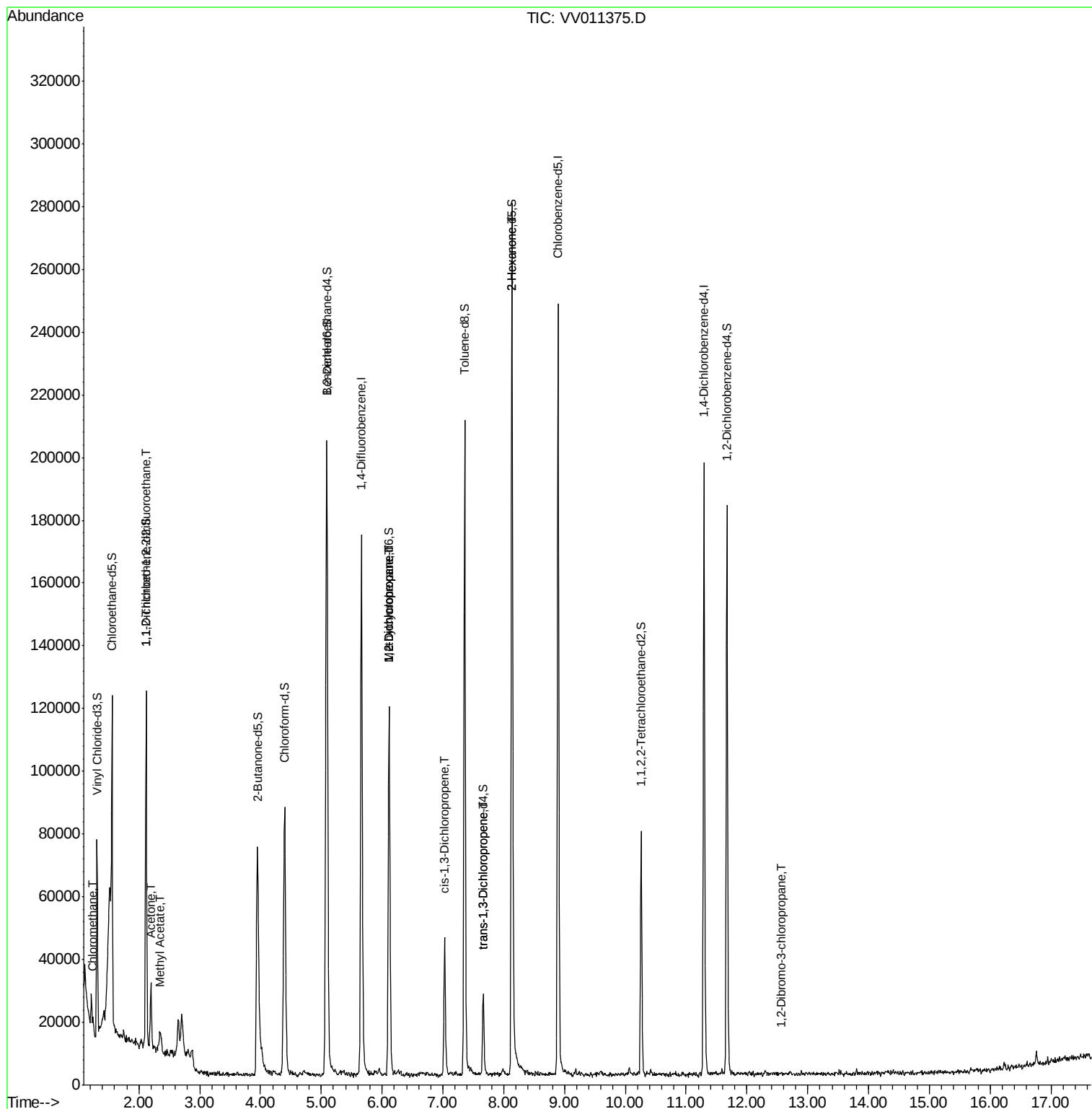
					Qvalue	
3) Chloromethane	1.25	50	1976	0.155	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	736	0.085	ug/L #	27
13) Acetone	2.20	43	8316	5.439	ug/L	89
15) Methyl Acetate	2.35	43	2331	0.574	ug/L #	63
35) Methylcyclohexane	6.12	83	12217	0.732	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6674	0.686	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1272	0.089	ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	921	0.085	ug/L #	69
48) 2-Hexanone	8.14	43	12112	2.803	ug/L #	76
66) 1,2-Dibromo-3-chloropropan	12.58	75	113	0.111	ug/L #	8

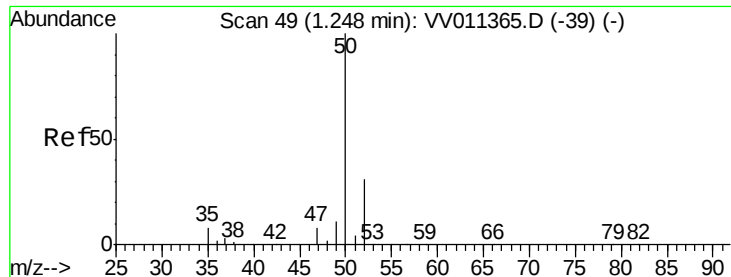
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011375.D

Acq: 11 Jun 2019 05:03

Instrument :

MSVOA_V

ClientSampleId :

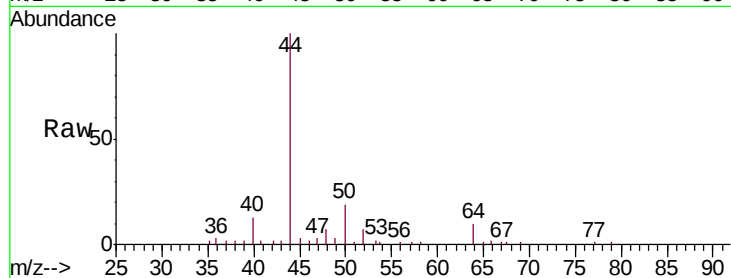
F9P30

Tgt Ion: 50 Resp: 1976

Ion Ratio Lower Upper

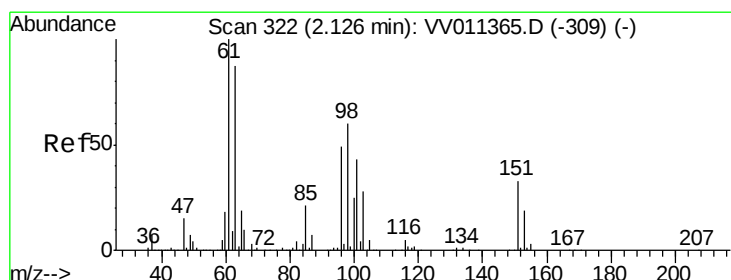
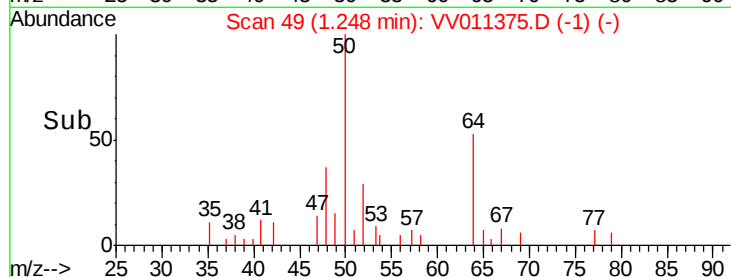
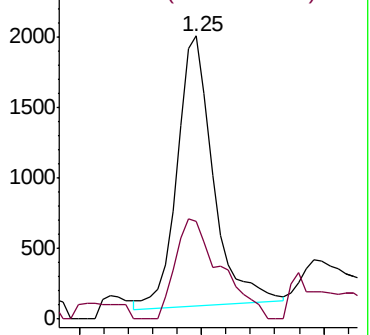
50 100

52 34.7 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011365.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV011375.D (-1) (-)



#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011375.D

Acq: 11 Jun 2019 05:03

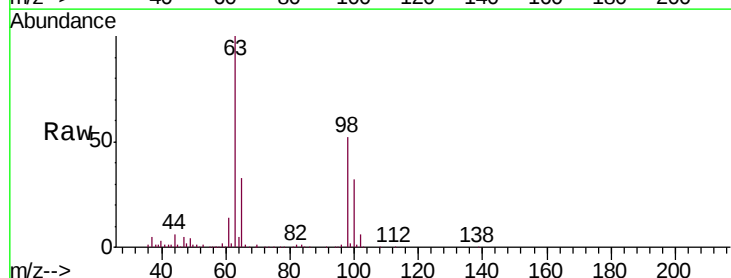
Tgt Ion: 101 Resp: 736

Ion Ratio Lower Upper

101 100

85 9.9 35.5 53.3#

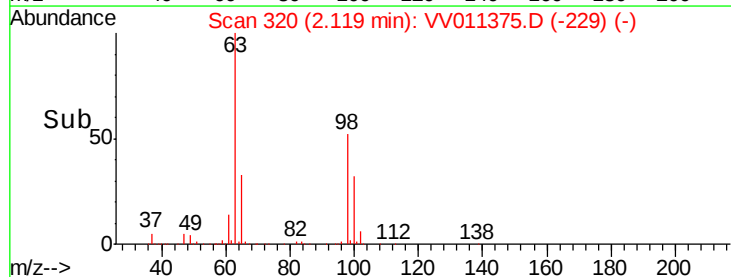
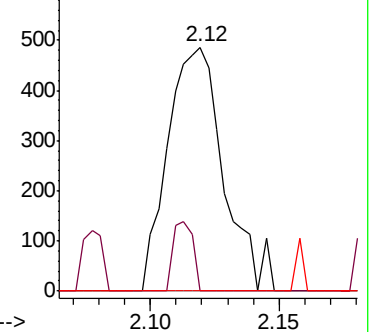
151 0.0 56.9 85.3#

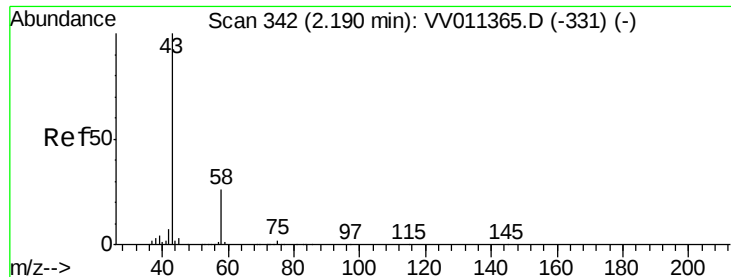


Abundance Ion 101.00 (100.70 to 101.70): VV011365.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV011375.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV011375.D (-229) (-)





#13

Acetone

Concen: 5.439 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV011375.D

Acq: 11 Jun 2019 05:03

Instrument :

MSVOA_V

ClientSampleId :

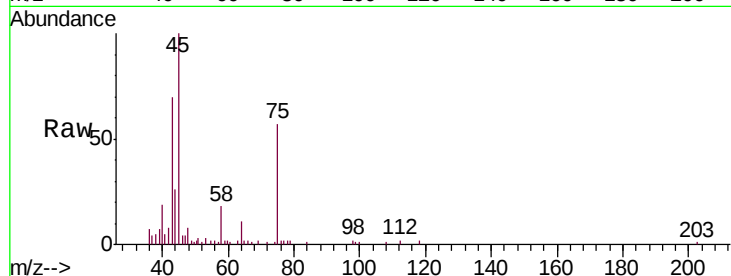
F9P30

Tgt Ion: 43 Resp: 8316

Ion Ratio Lower Upper

43 100

58 33.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

6000

5000

4000

3000

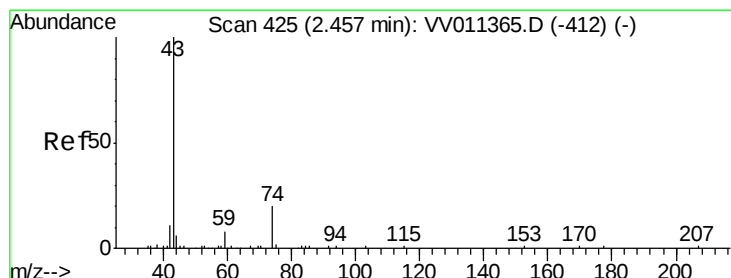
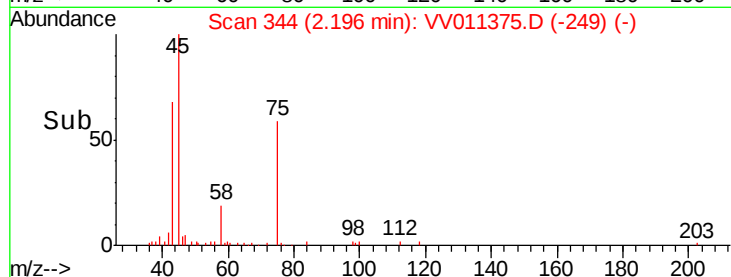
2000

1000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.574 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.11 min

Lab File: VV011375.D

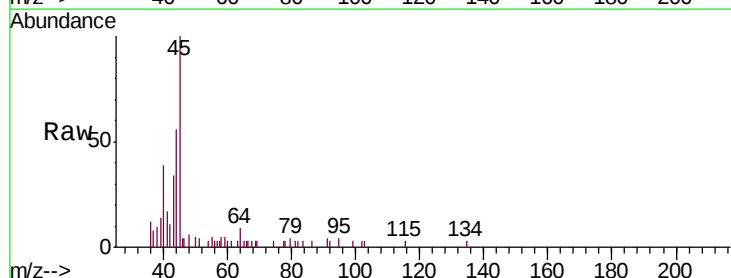
Acq: 11 Jun 2019 05:03

Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

74 5.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

1500

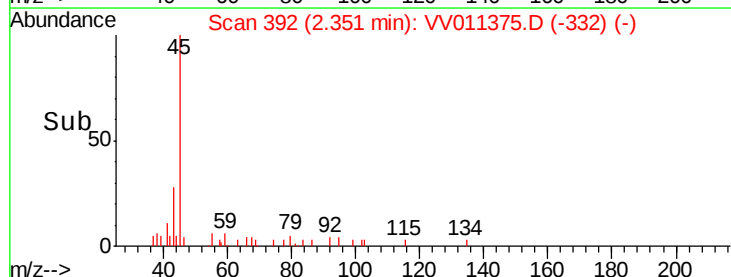
1000

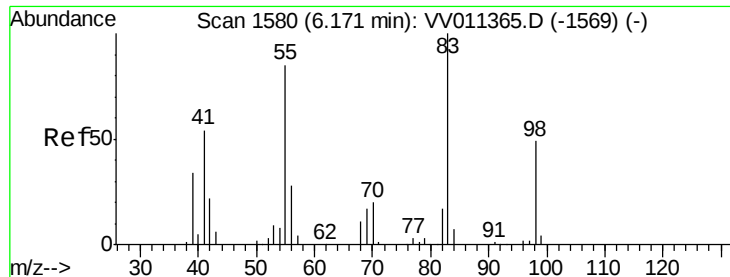
500

0

Time-->

2.30 2.35 2.40





#35

Methylcyclohexane

Concen: 0.732 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011375.D

Acq: 11 Jun 2019 05:03

Instrument :

MSVOA_V

ClientSampleId :

F9P30

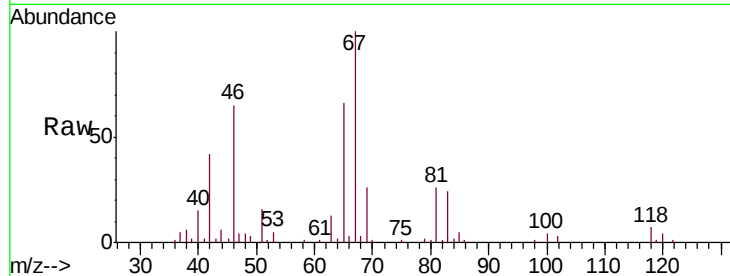
Tgt Ion: 83 Resp: 12217

Ion Ratio Lower Upper

83 100

55 0.9 67.0 100.6#

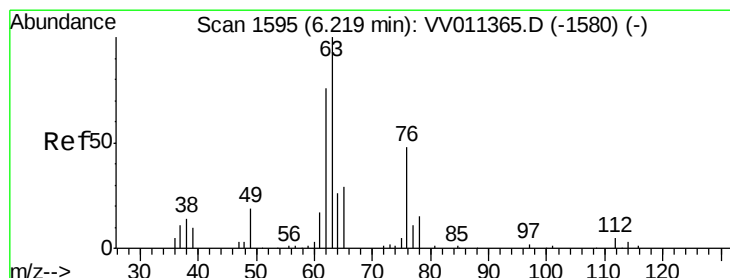
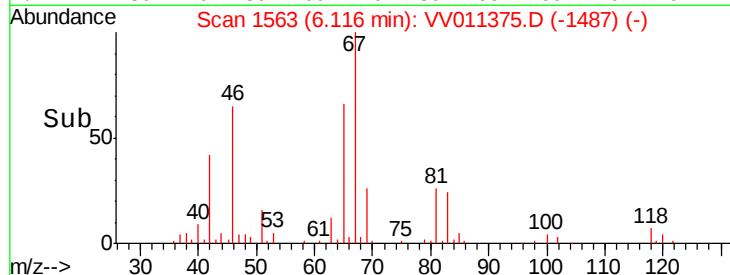
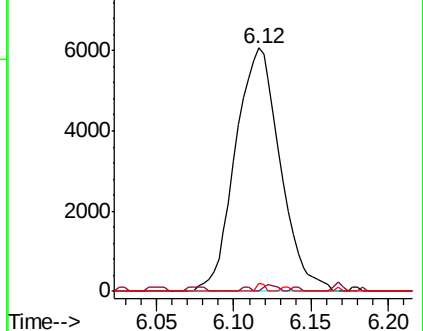
98 0.6 40.0 60.0#



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: 0.686 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011375.D

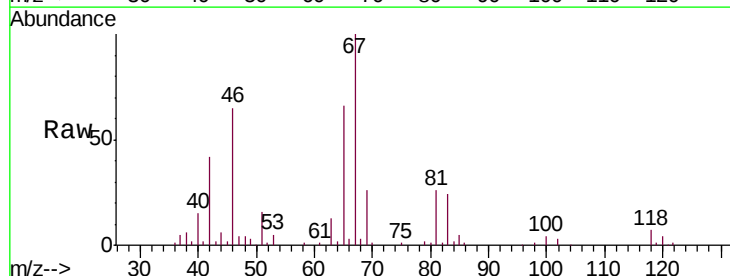
Acq: 11 Jun 2019 05:03

Tgt Ion: 63 Resp: 6674

Ion Ratio Lower Upper

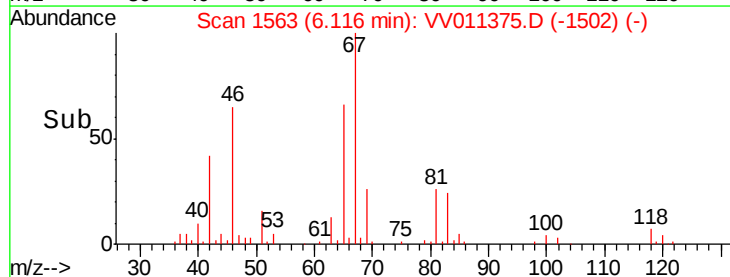
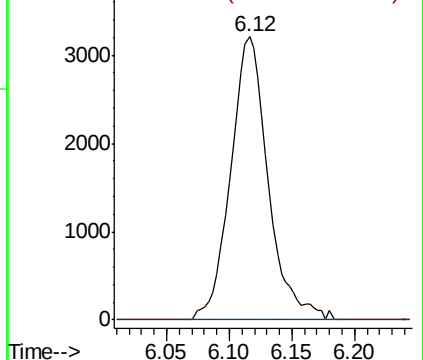
63 100

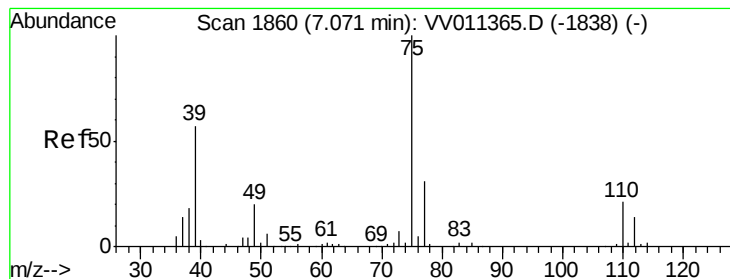
112 0.9 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



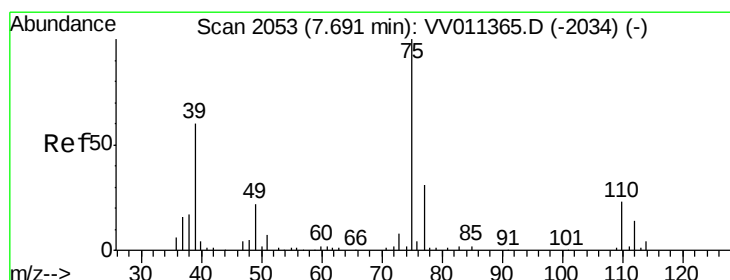
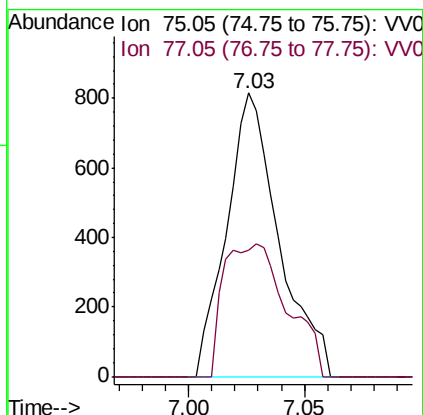
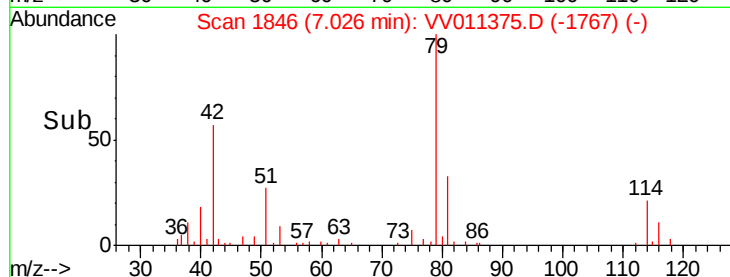
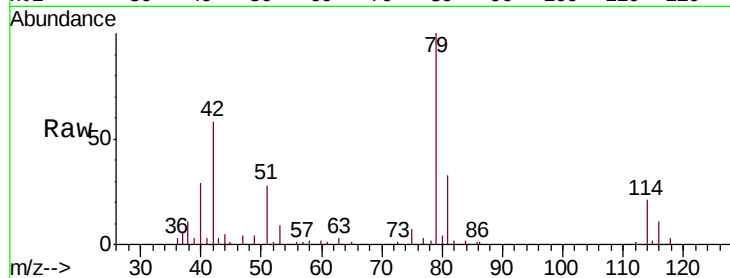


#39

cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011375.D
Acq: 11 Jun 2019 05:03

Instrument :
MSVOA_V
ClientSampleId :
F9P30

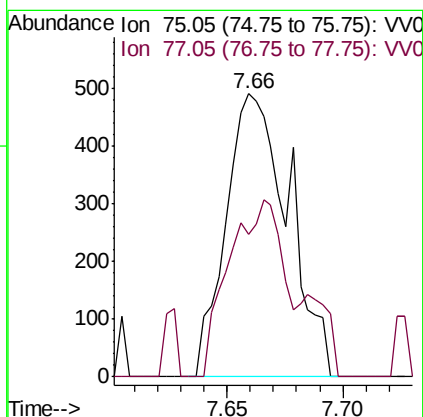
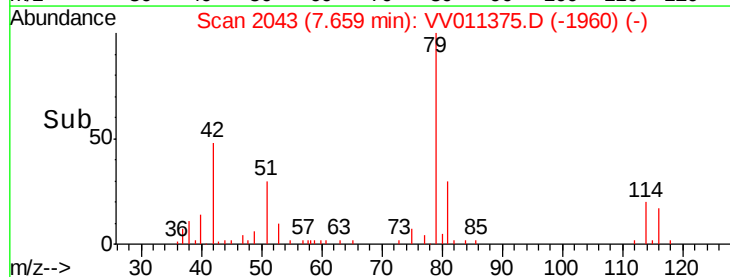
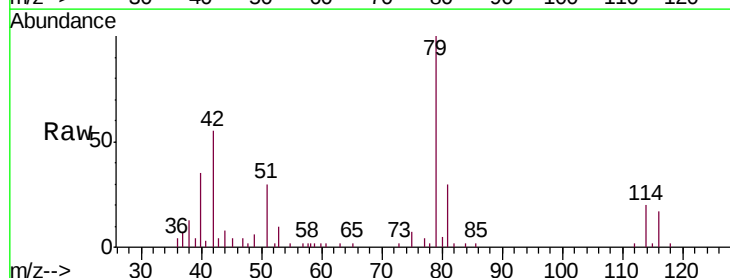
Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
77 44.5 22.2 41.2#

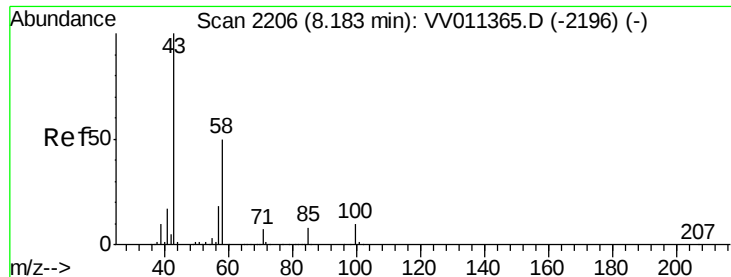


#44

trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV011375.D
Acq: 11 Jun 2019 05:03

Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
77 50.3 23.1 42.9#

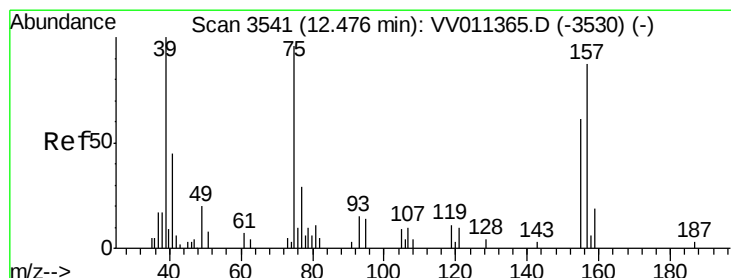
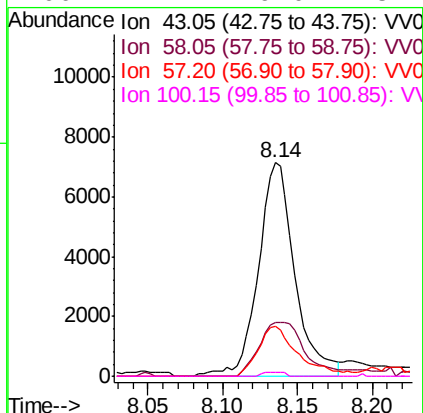
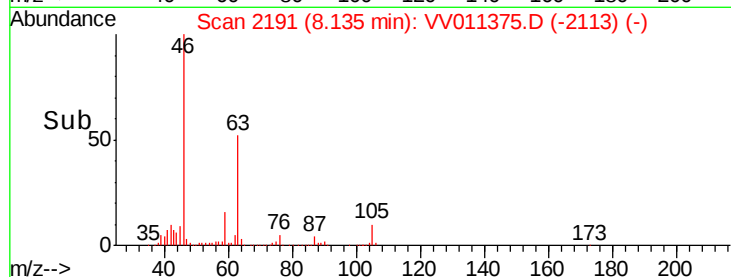
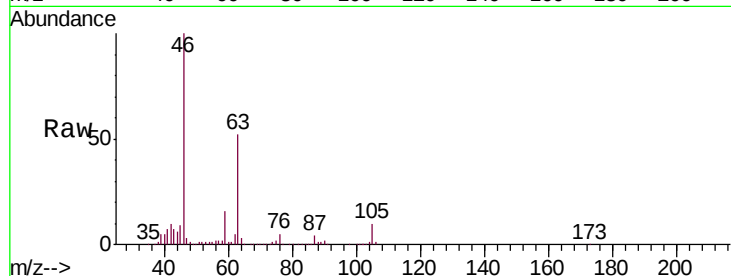




#48
 2-Hexanone
 Concen: 2.803 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011375.D
 Acq: 11 Jun 2019 05:03

Instrument :
 MSVOA_V
 ClientSampled :
 F9P30

Tgt Ion: 43 Resp: 12112
 Ion Ratio Lower Upper
 43 100
 58 33.6 41.4 62.0#
 57 25.9 15.0 22.4#
 100 1.2 9.0 13.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.111 ug/L
 RT: 12.58 min Scan# 3572
 Delta R.T. 0.10 min
 Lab File: VV011375.D
 Acq: 11 Jun 2019 05:03

Tgt Ion: 75 Resp: 113
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.4 96.6#
 157 0.0 66.7 100.1#

