

Data File : VV011473.D
Acq On : 13 Jun 2019 21:05
Operator : SY/MD
Sample : K3314-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM45

Quant Time: Jun 14 04:43:49 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	125110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53978	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.58	69	41122	5.22	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.12	63	85598	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.98	46	113984	53.41	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.82%
24) Chloroform-d	4.40	84	93247	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.08	65	52438	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	190263	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.12	67	57300	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.36	98	163763	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.67	79	15594	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	89681	53.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37422	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45458	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

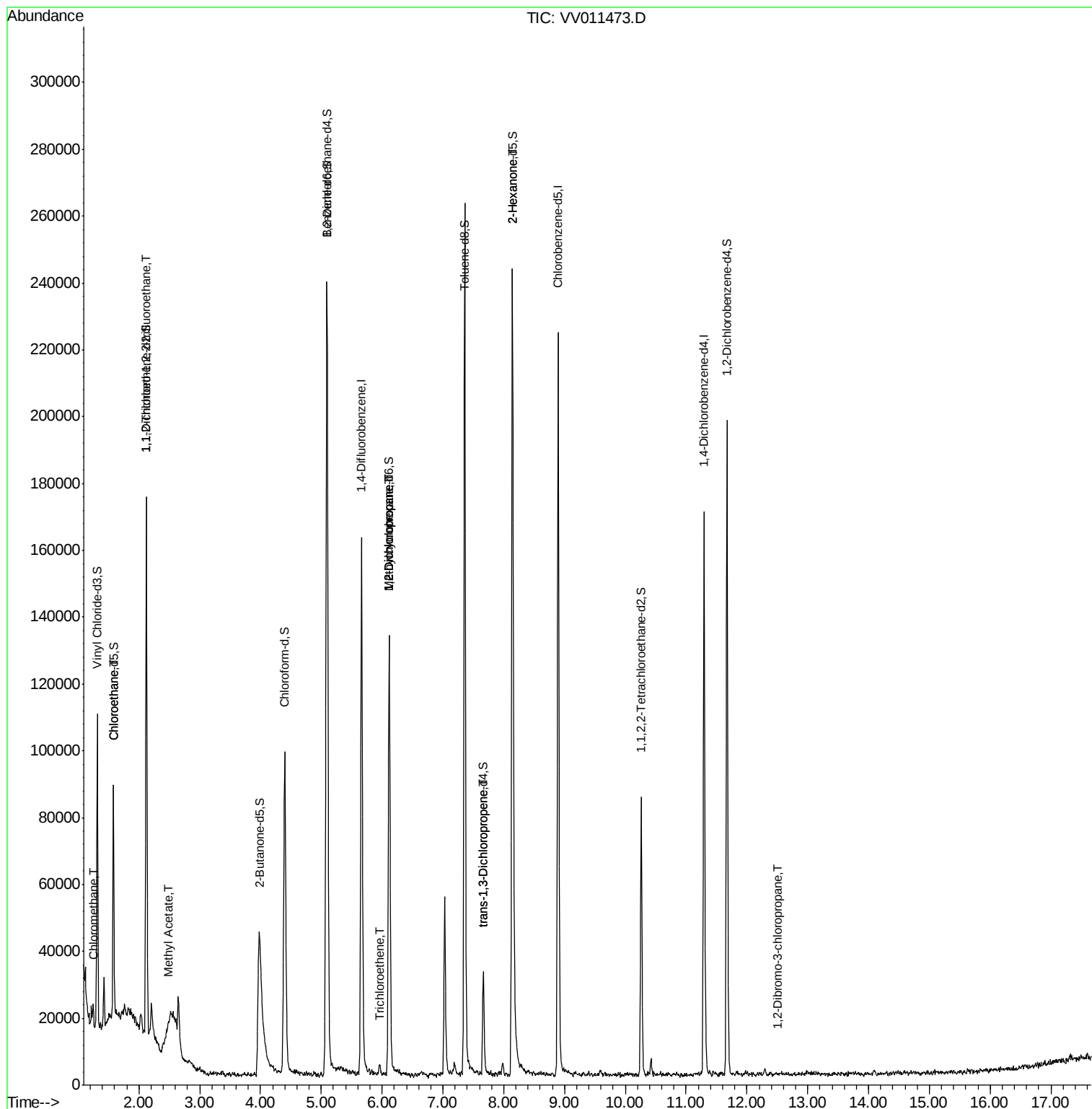
					Qvalue
3) Chloromethane	1.25	50	3390	0.284 ug/L	96
8) Chloroethane	1.58	64	599	0.081 ug/L #	64
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	823	0.101 ug/L #	24
15) Methyl Acetate	2.48	43	2944	0.775 ug/L #	59
34) Trichloroethene	5.96	95	803	0.087 ug/L	90
35) Methylcyclohexane	6.12	83	14137	0.929 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7442	0.840 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	904	0.092 ug/L	92
48) 2-Hexanone	8.14	43	14184	3.603 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	12.50	75	74	0.083 ug/L #	8

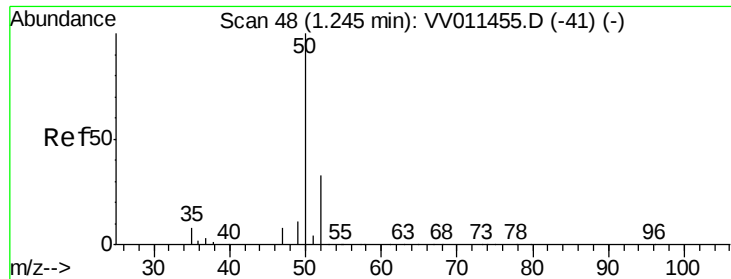
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.284 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011473.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

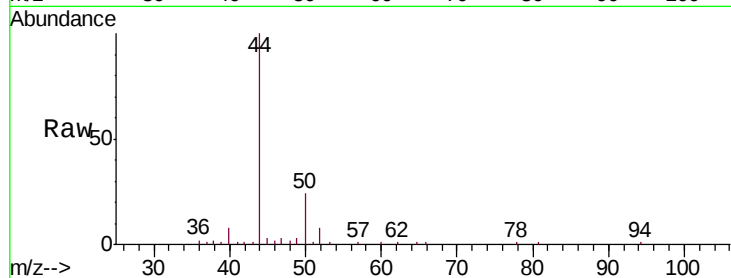
COM45

Tgt Ion: 50 Resp: 3390

Ion Ratio Lower Upper

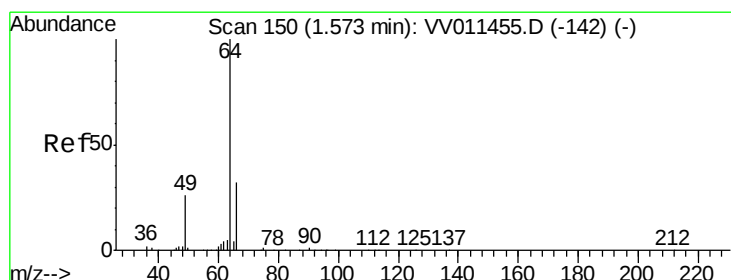
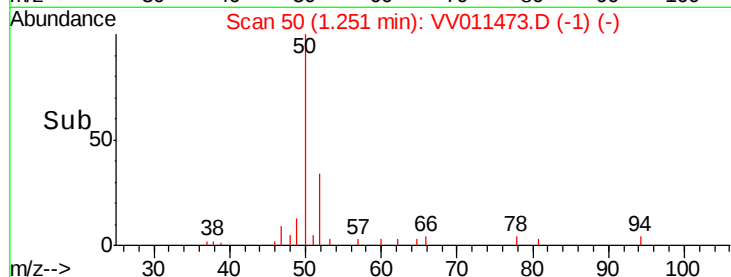
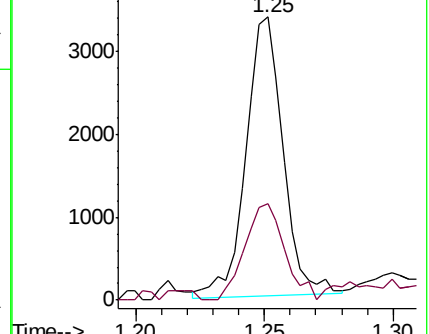
50 100

52 34.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.081 ug/L

RT: 1.58 min Scan# 152

Delta R.T. 0.01 min

Lab File: VV011473.D

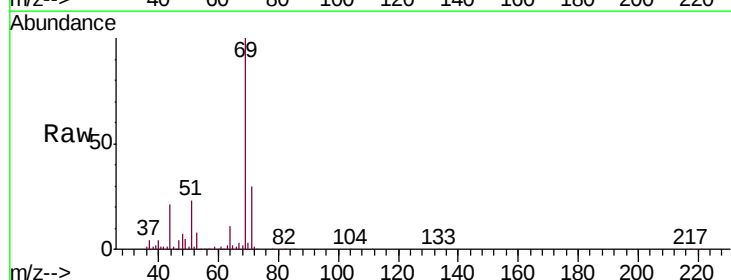
Acq: 13 Jun 2019 21:05

Tgt Ion: 64 Resp: 599

Ion Ratio Lower Upper

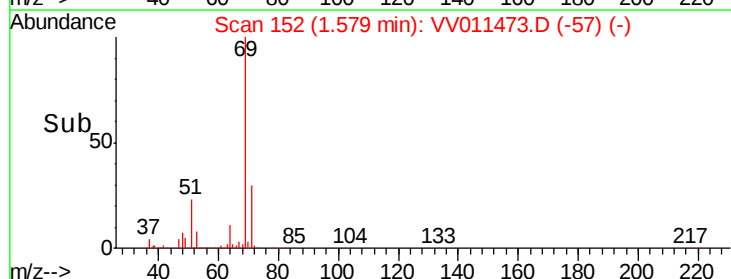
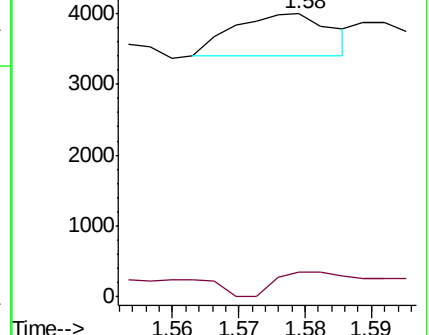
64 100

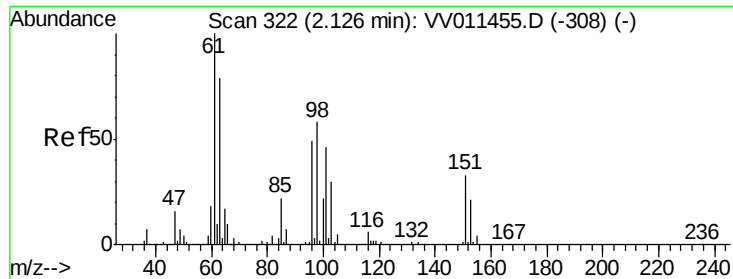
66 8.7 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.101 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011473.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

COM45

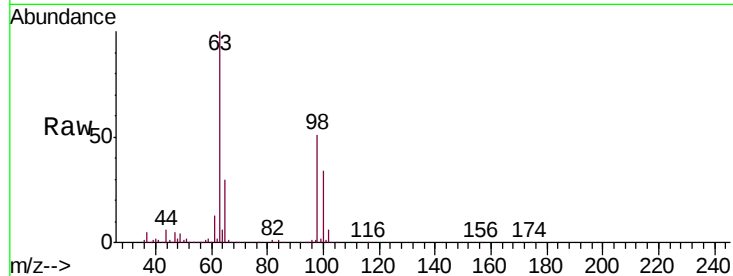
Tgt Ion: 101 Resp: 823

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

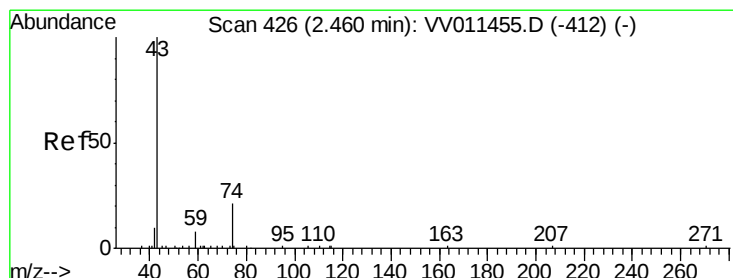
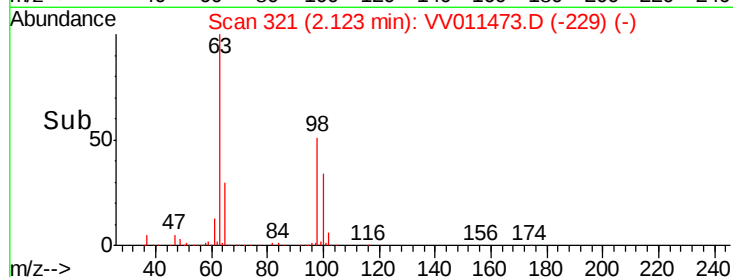
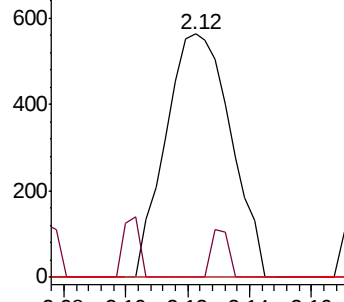
151 0.0 56.9 85.3#



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: 0.775 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.02 min

Lab File: VV011473.D

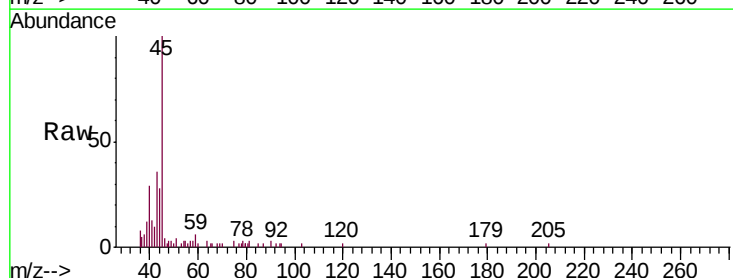
Acq: 13 Jun 2019 21:05

Tgt Ion: 43 Resp: 2944

Ion Ratio Lower Upper

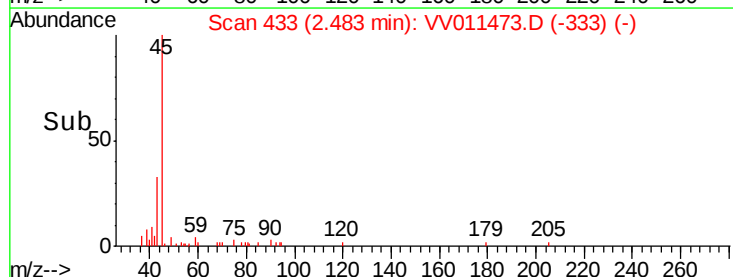
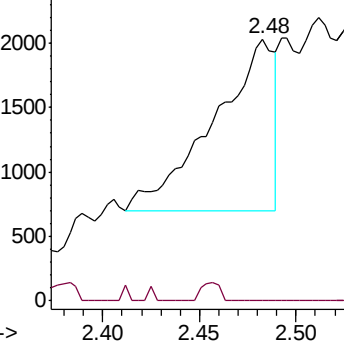
43 100

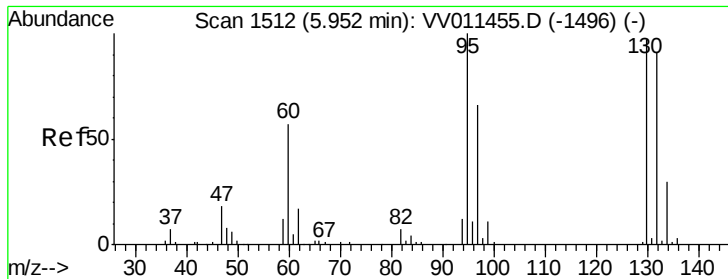
74 3.3 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#34

Trichloroethene

Concen: 0.087 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV011473.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

C0M45

Tgt Ion: 95 Resp: 803

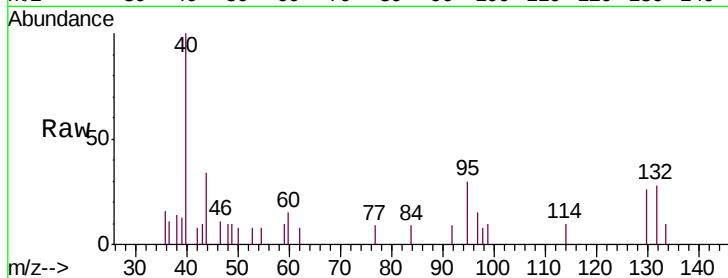
Ion Ratio Lower Upper

95 100

97 49.5 45.8 85.2

132 93.2 66.4 123.2

130 87.1 68.3 126.8



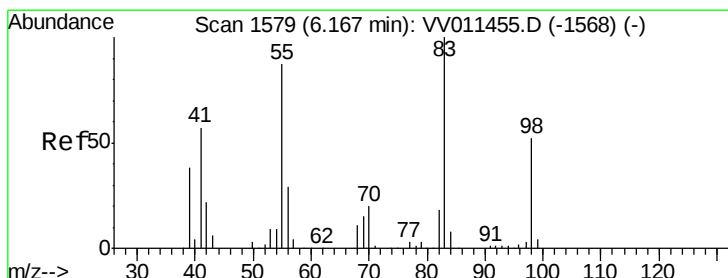
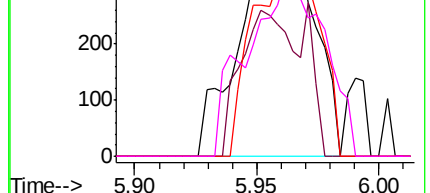
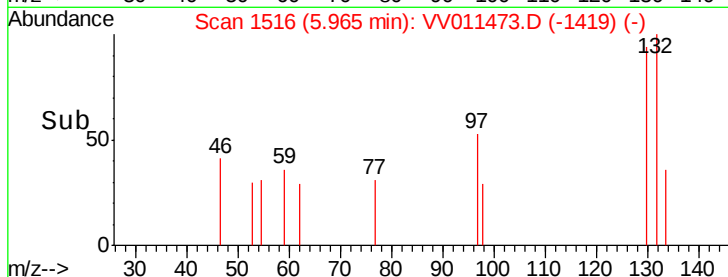
Abundance Ion 95.00 (94.70 to 95.70): VV011455.D (-1496) (-)

Ion 96.95 (96.65 to 97.65): VV011455.D (-1496) (-)

Ion 131.95 (131.65 to 132.65): VV011455.D (-1496) (-)

Ion 129.95 (129.65 to 130.65): VV011455.D (-1496) (-)

Time-->



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011473.D

Acq: 13 Jun 2019 21:05

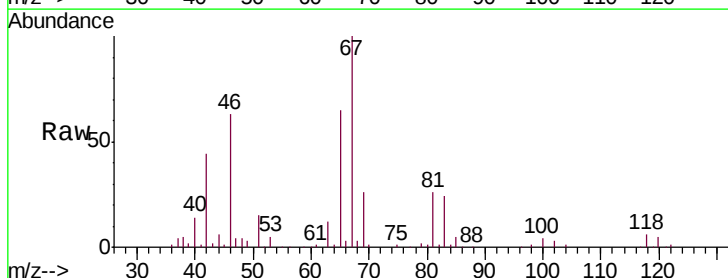
Tgt Ion: 83 Resp: 14137

Ion Ratio Lower Upper

83 100

55 1.2 67.0 100.6#

98 0.4 40.0 60.0#

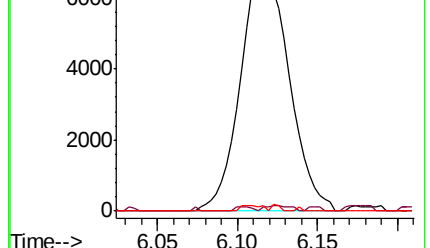
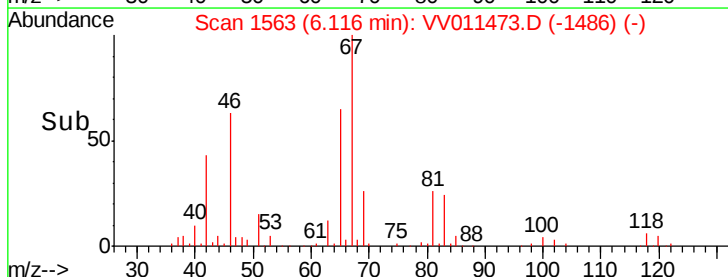


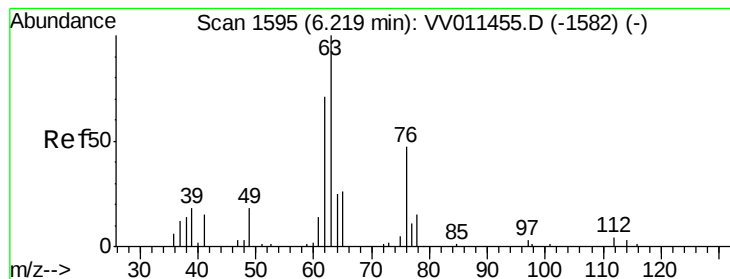
Abundance Ion 83.15 (82.85 to 83.85): VV011455.D (-1568) (-)

Ion 55.10 (54.80 to 55.80): VV011455.D (-1568) (-)

Ion 98.15 (97.85 to 98.85): VV011455.D (-1568) (-)

Time-->





#37

1,2-Dichloropropane

Concen: 0.840 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011473.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_V

ClientSampled :

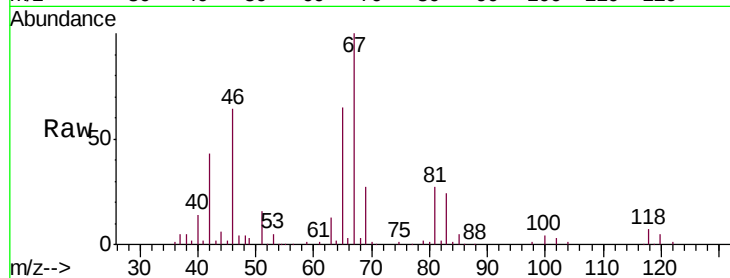
COM45

Tgt Ion: 63 Resp: 7442

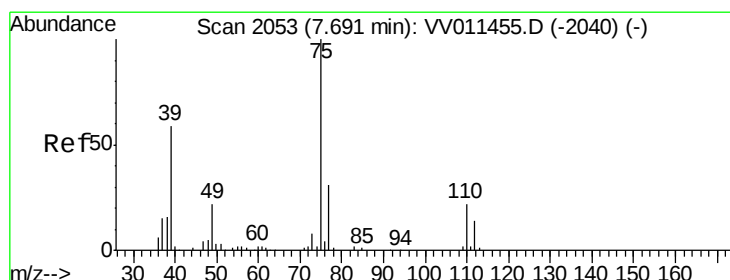
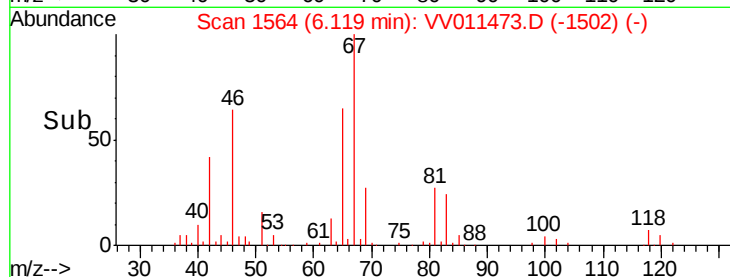
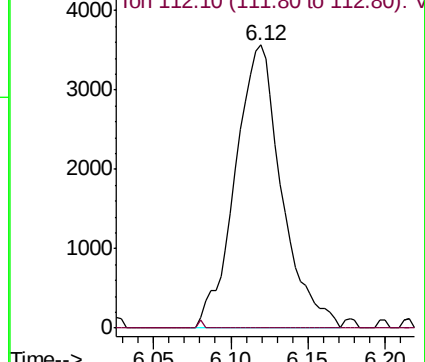
Ion Ratio Lower Upper

63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011455.D (-1582) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011473.D

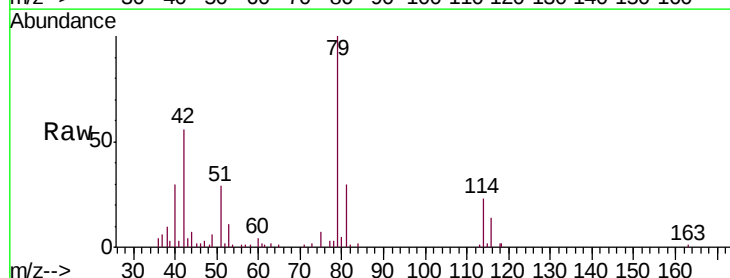
Acq: 13 Jun 2019 21:05

Tgt Ion: 75 Resp: 904

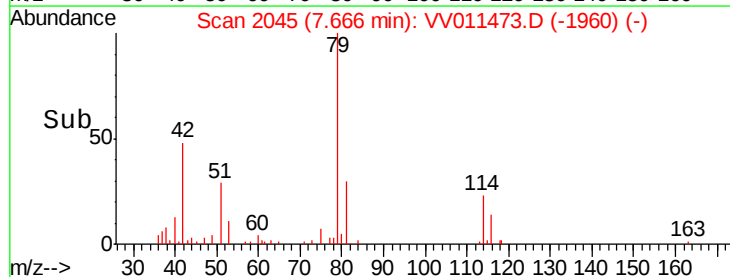
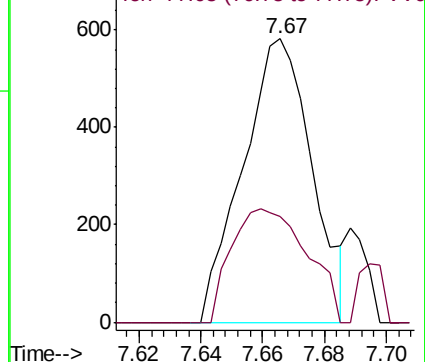
Ion Ratio Lower Upper

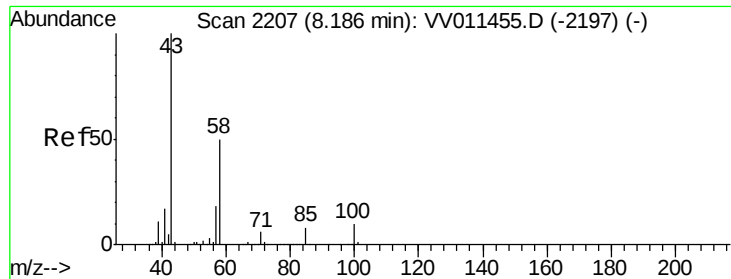
75 100

77 37.5 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV011455.D (-2040) (-)

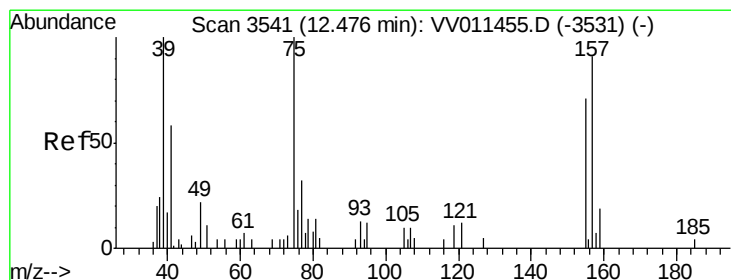
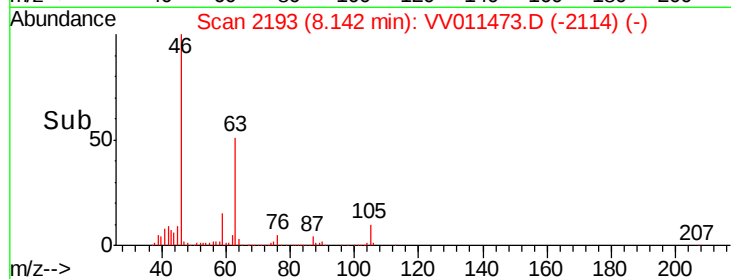
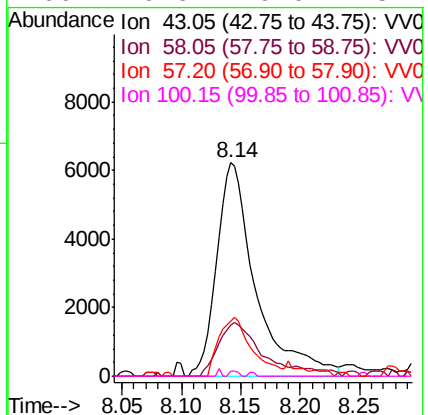
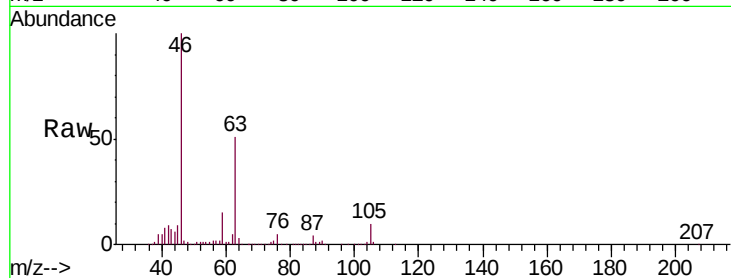




#48
 2-Hexanone
 Concen: 3.603 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV011473.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_V
 ClientSampleId :
 COM45

Tgt Ion: 43 Resp: 14184
 Ion Ratio Lower Upper
 43 100
 58 25.9 41.4 62.0#
 57 23.4 15.0 22.4#
 100 0.6 9.0 13.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.083 ug/L
 RT: 12.50 min Scan# 3550
 Delta R.T. 0.03 min
 Lab File: VV011473.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 75 Resp: 74
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.4 96.6#
 157 0.0 66.7 100.1#

