

Data File : VV012472.D
Acq On : 31 Aug 2019 01:50
Operator : SY/MD
Sample : K4605-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 31 02:39:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 02:36:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	218960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62219	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.58	69	50862	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.13	63	77343	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	3.96	46	167210	42.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	4.40	84	124274	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.08	65	63675	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.10	84	237436	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
36) 1,2-Dichloropropane-d6	6.12	67	80334	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.36	98	195984	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.60%#
43) trans-1,3-Dichloropropene-	7.66	79	25247	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	97455	33.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53975	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	71785	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

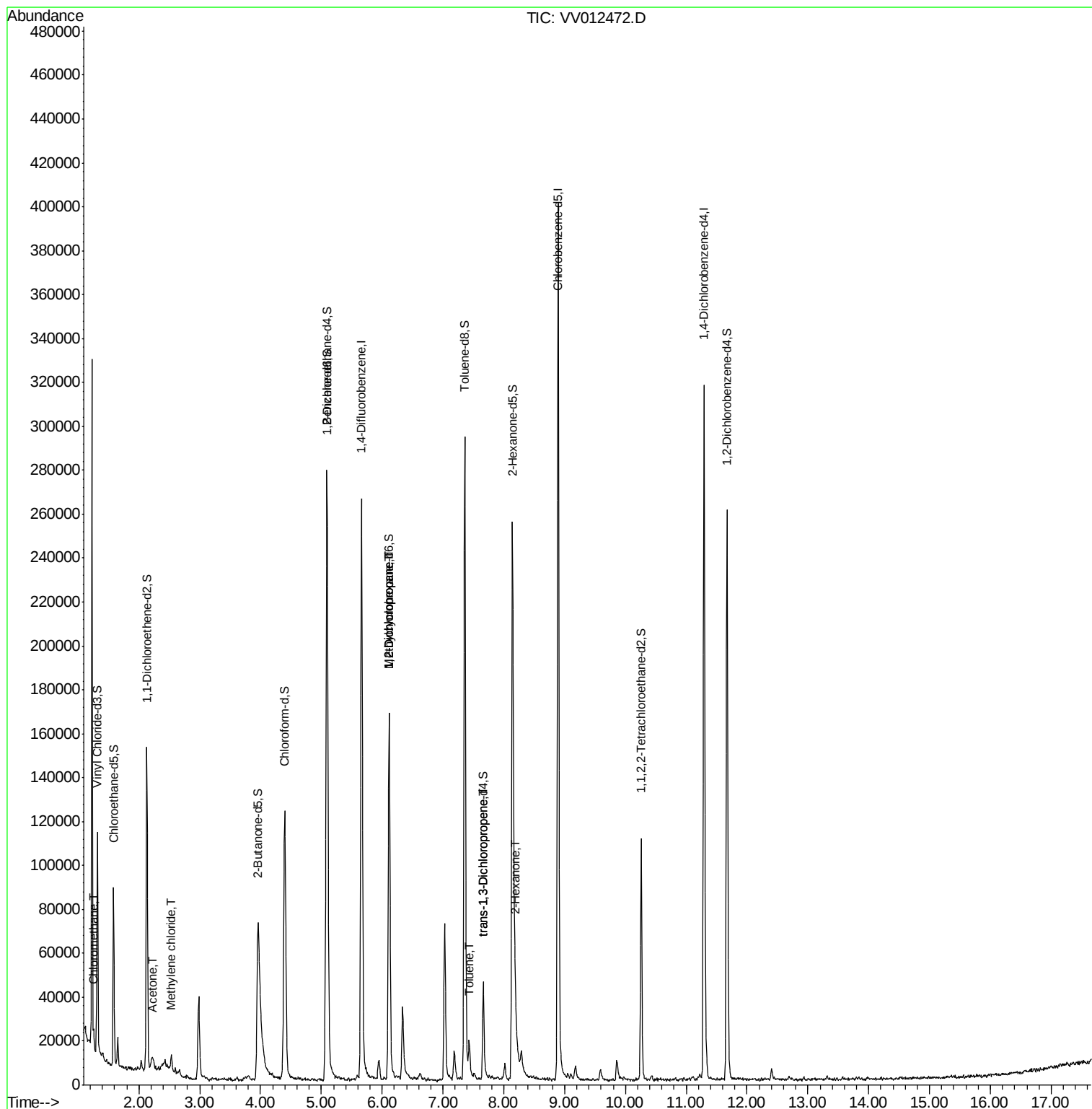
						Qvalue
3) Chloromethane	1.25	50	5604	0.196	ug/L	97
13) Acetone	2.22	43	11089	3.862	ug/L	71
16) Methylene chloride	2.54	84	2546	0.136	ug/L	89
35) Methylcyclohexane	6.12	83	19853	0.565	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9135	0.386	ug/L #	87
42) Toluene	7.43	91	10336	0.111	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	1241	0.052	ug/L	95
48) 2-Hexanone	8.19	43	9573	1.049	ug/L #	75

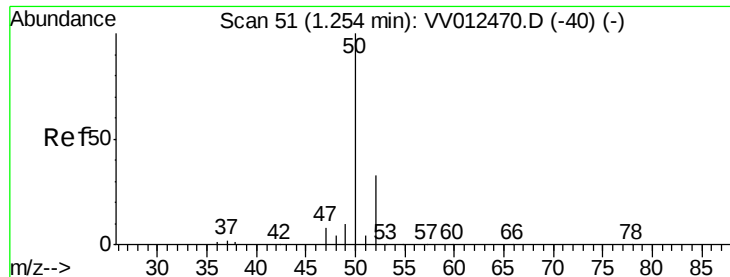
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.196 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

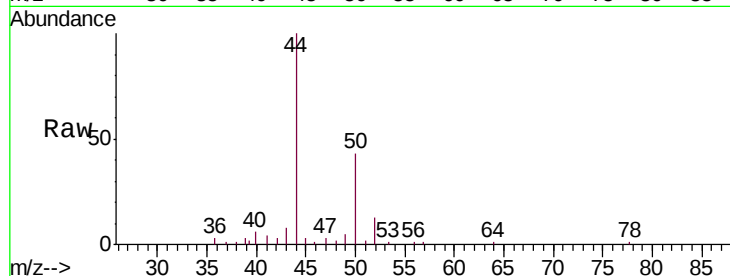
ClientSampleId :

Tgt Ion: 50 Resp: 5604

Ion Ratio Lower Upper

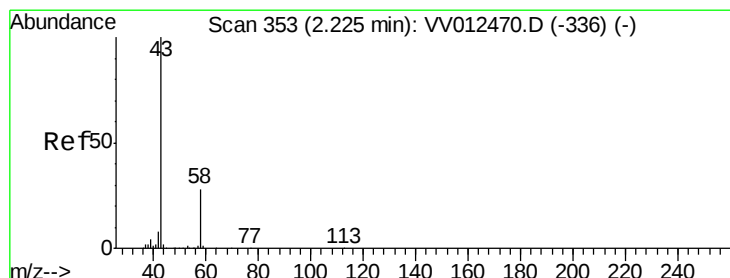
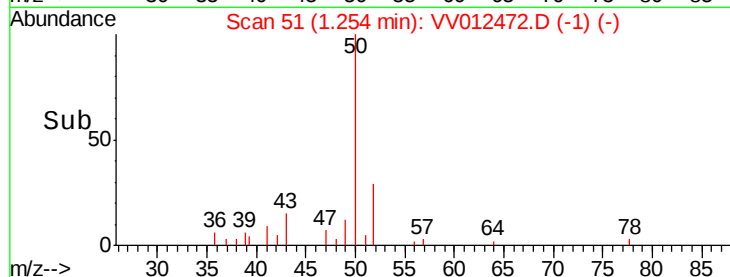
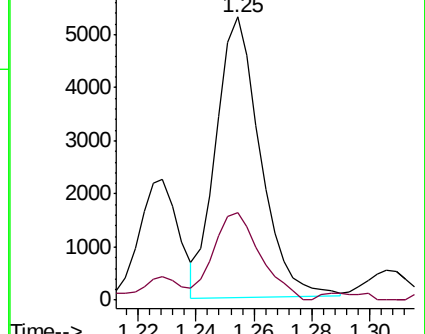
50 100

52 30.8 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 3.862 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

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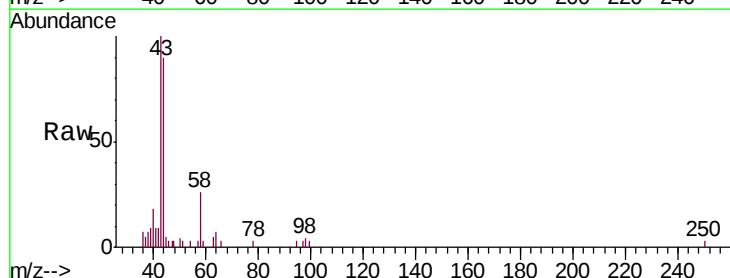
Acq: 31 Aug 2019 01:50

Tgt Ion: 43 Resp: 11089

Ion Ratio Lower Upper

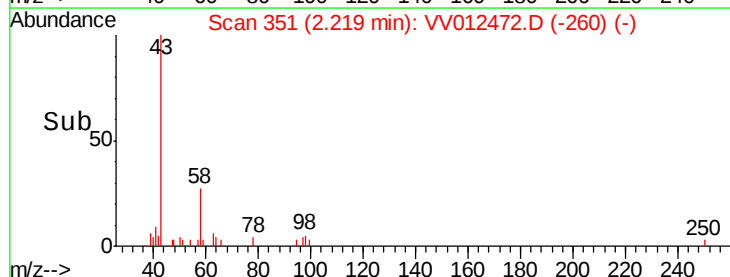
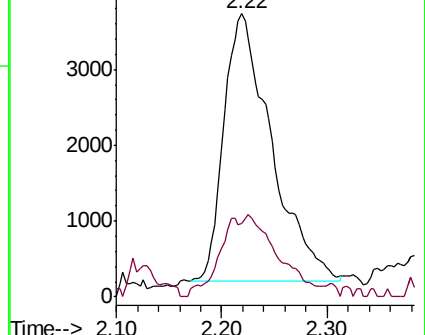
43 100

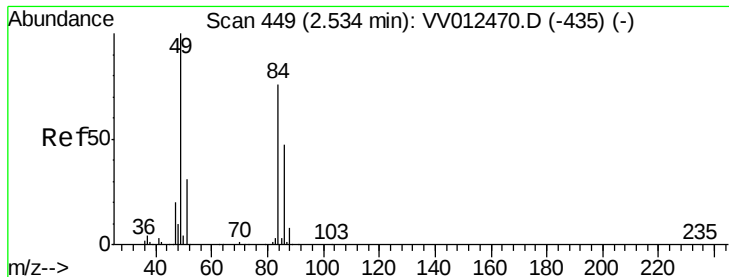
58 12.8 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

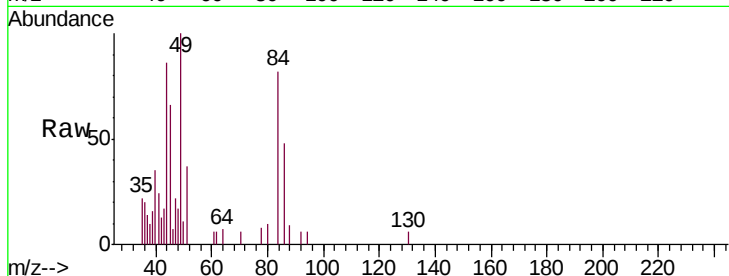




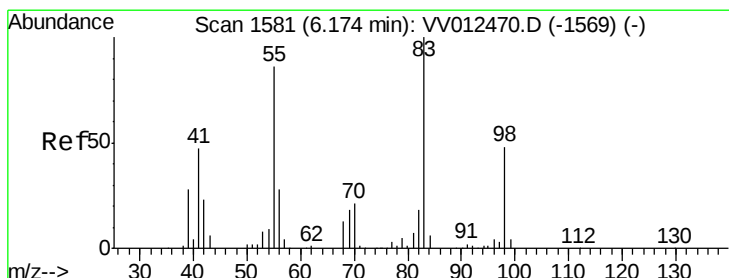
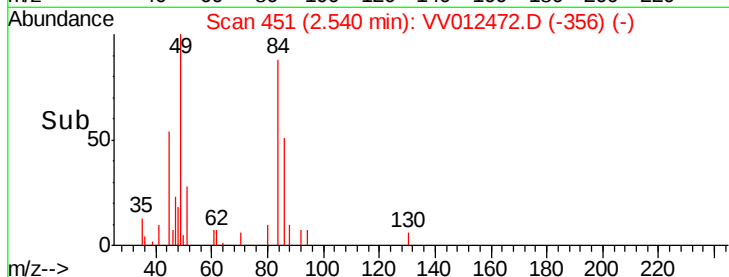
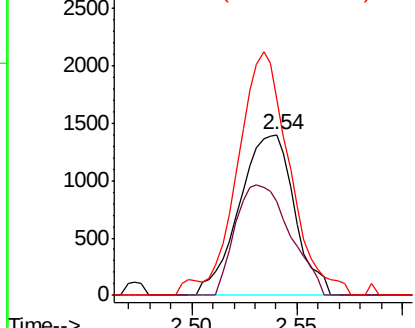
#16
Methylene chloride
Concen: 0.136 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV012472.D
Acq: 31 Aug 2019 01:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 2546
Ion Ratio Lower Upper
84 100
86 58.4 45.2 84.0
49 121.6 95.1 176.7

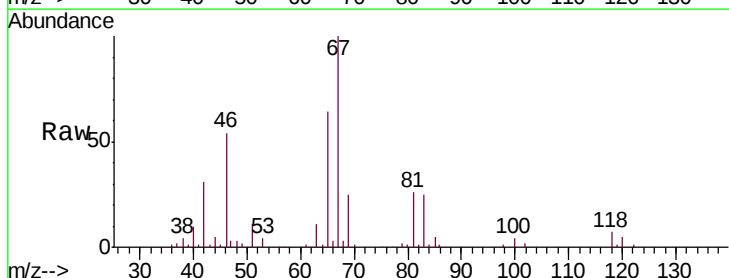


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

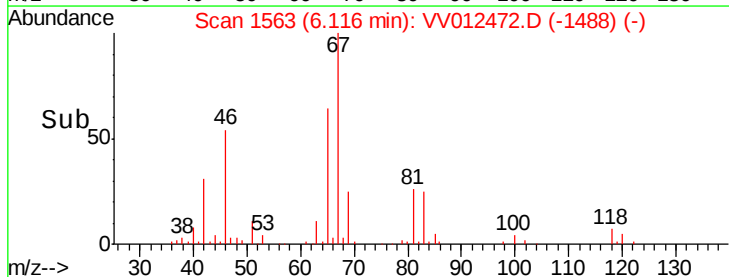
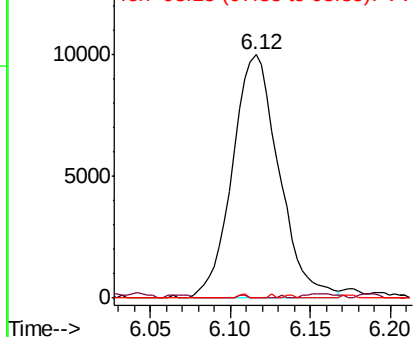


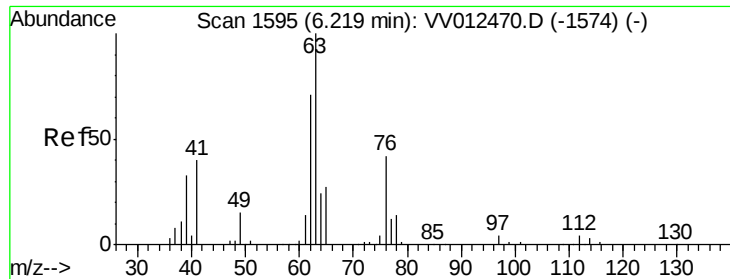
#35
Methylcyclohexane
Concen: 0.565 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012472.D
Acq: 31 Aug 2019 01:50

Tgt Ion: 83 Resp: 19853
Ion Ratio Lower Upper
83 100
55 0.5 67.8 101.6#
98 0.3 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





#37

1,2-Dichloropropane

Concen: 0.386 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012472.D

Acq: 31 Aug 2019 01:50

Instrument :

MSVOA_V

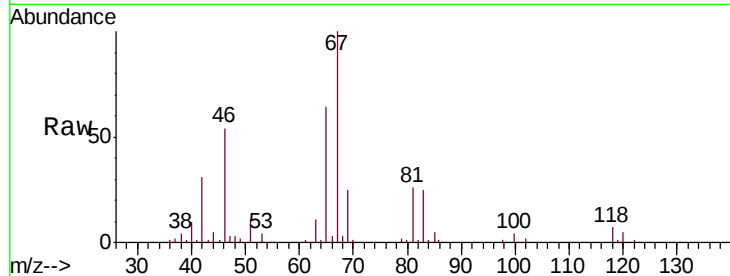
ClientSampleId :

Tgt Ion: 63 Resp: 9135

Ion Ratio Lower Upper

63 100

112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV012470.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV012470.D (-1574) (-)

6.12

5000

4000

3000

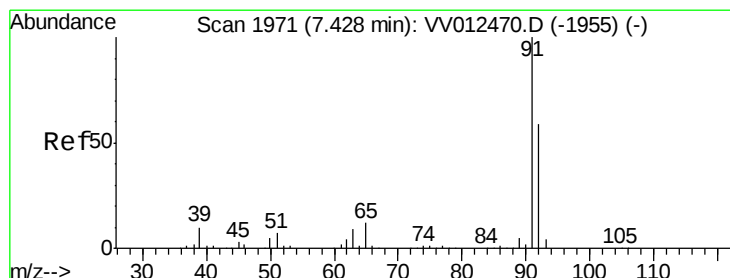
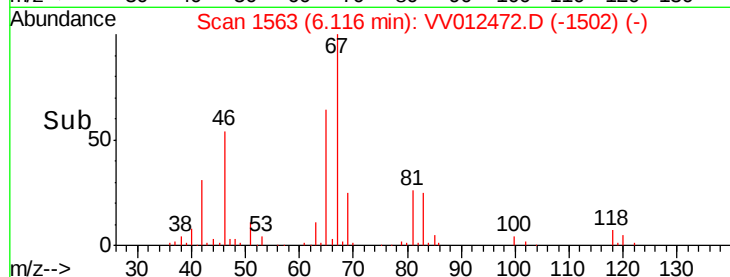
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#42

Toluene

Concen: 0.111 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012472.D

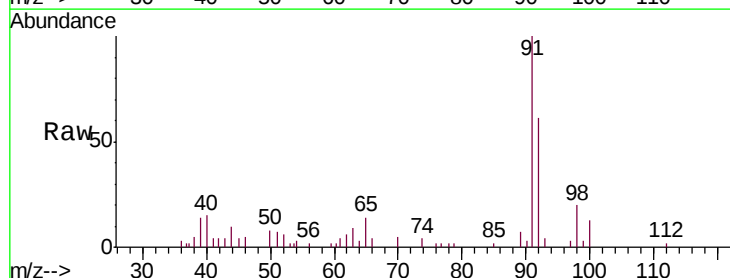
Acq: 31 Aug 2019 01:50

Tgt Ion: 91 Resp: 10336

Ion Ratio Lower Upper

91 100

92 61.0 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV012470.D (-1955) (-)

Ion 92.15 (91.85 to 92.85): VV012470.D (-1955) (-)

7.43

6000

5000

4000

3000

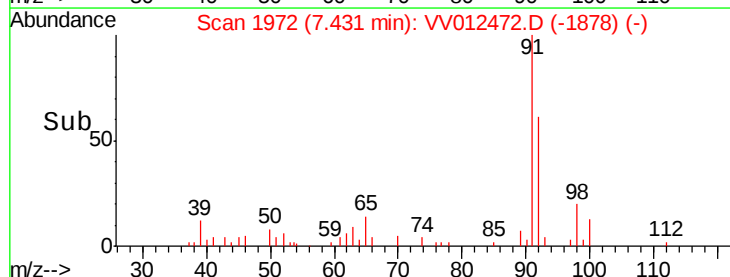
2000

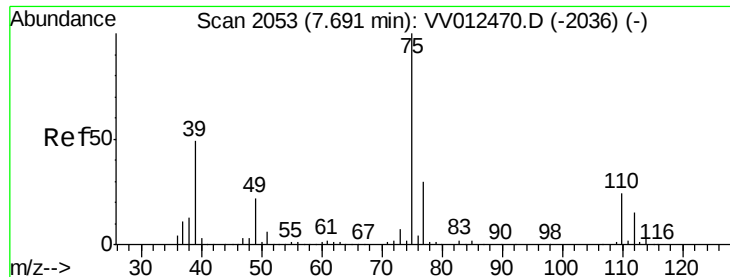
1000

0

7.35 7.40 7.45 7.50

Time-->

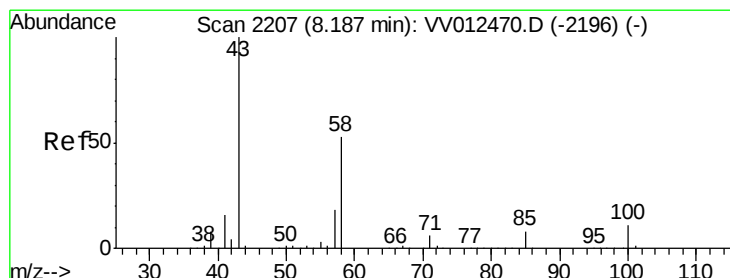
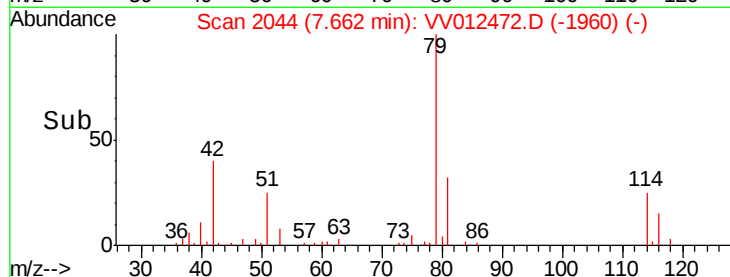
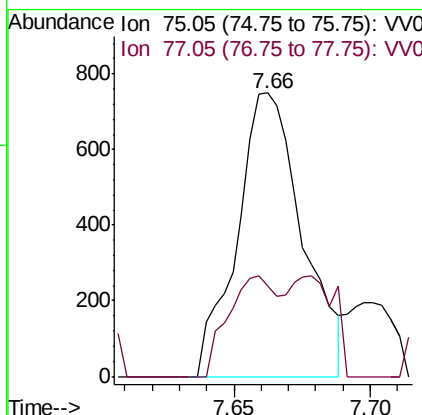
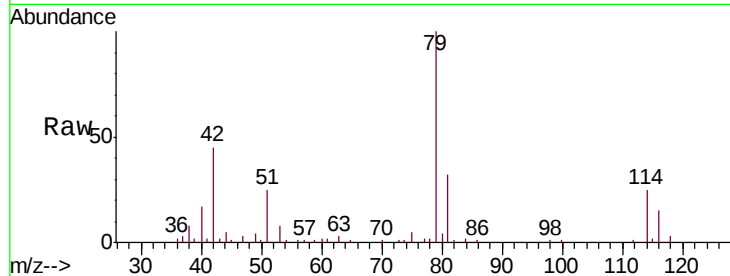




#44
trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012472.D
Acq: 31 Aug 2019 01:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1241
Ion Ratio Lower Upper
75 100
77 32.0 20.6 38.4



#48
2-Hexanone
Concen: 1.049 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012472.D
Acq: 31 Aug 2019 01:50

Tgt Ion: 43 Resp: 9573
Ion Ratio Lower Upper
43 100
58 38.3 43.6 65.4#
57 0.0 14.2 21.2#
100 4.9 8.9 13.3#

