

Data File : VV010472.D
Acq On : 24 Apr 2019 19:18
Operator : SY/MD
Sample : K2477-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X68

Quant Time: Apr 25 02:26:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59220	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	49488	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	91951	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.99	46	149794	51.71	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	4.40	84	135004	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	68182	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	263897	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	77205	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	242108	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	26313	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	114512	47.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57815	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	98060	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

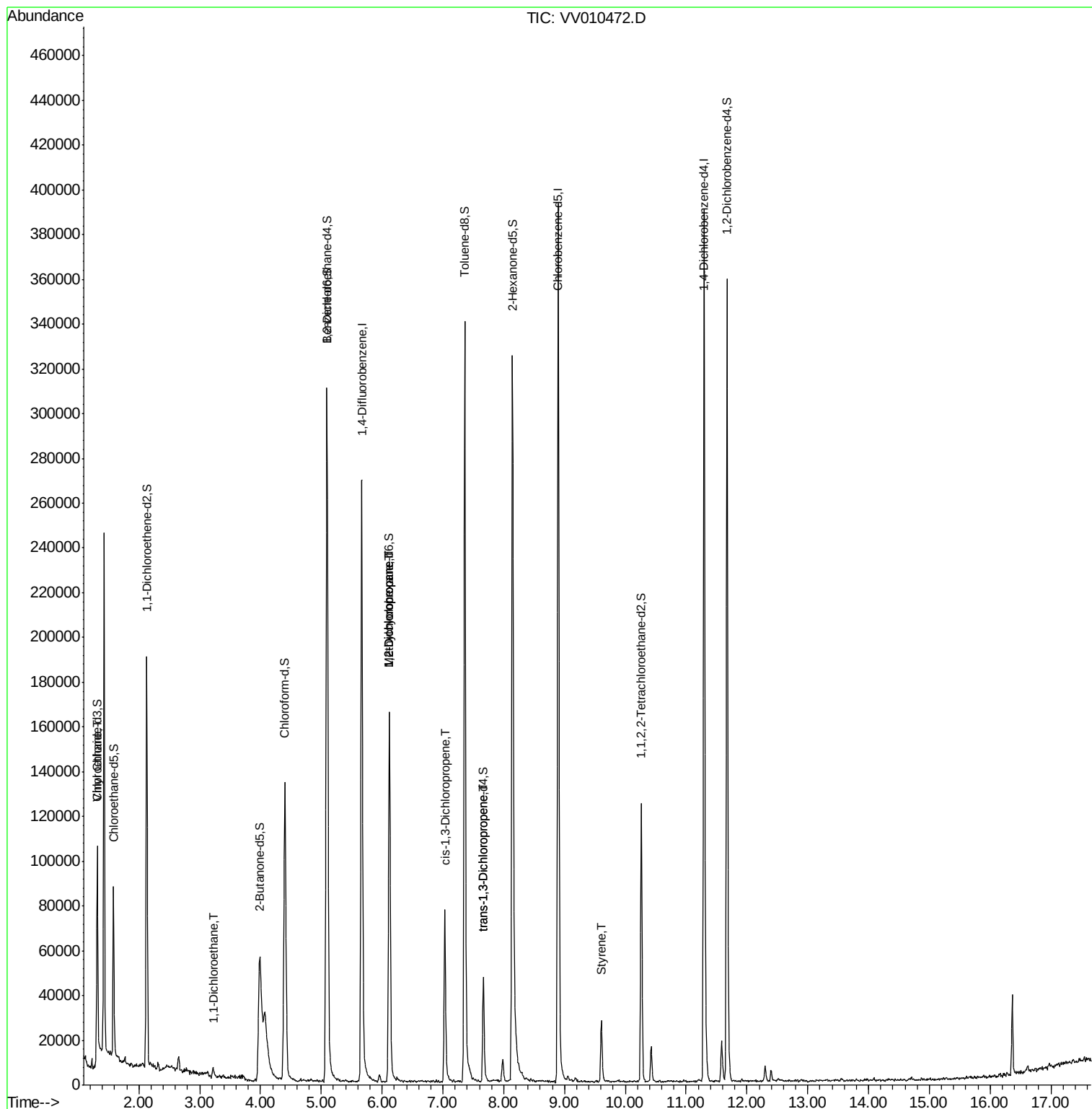
					Qvalue	
8) Chloroethane	1.32	64	1012	0.113	ug/L	85
19) 1,1-Dichloroethane	3.23	63	2639	0.107	ug/L #	58
35) Methylcyclohexane	6.12	83	18796	0.739	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	9010	0.633	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	2443	0.116	ug/L #	36
44) trans-1,3-Dichloropropene	7.67	75	1612	0.099	ug/L #	79
55) Styrene	9.61	104	14488	0.312	ug/L	96

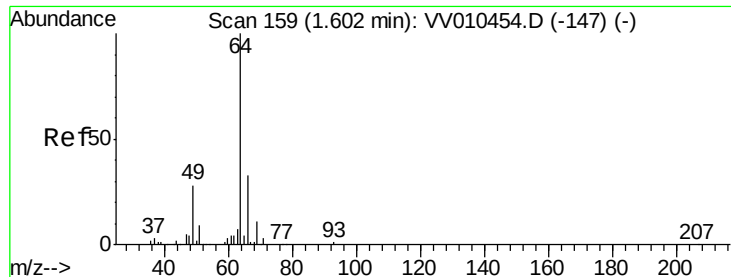
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

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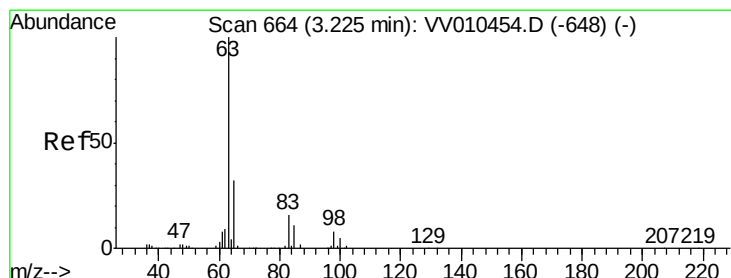
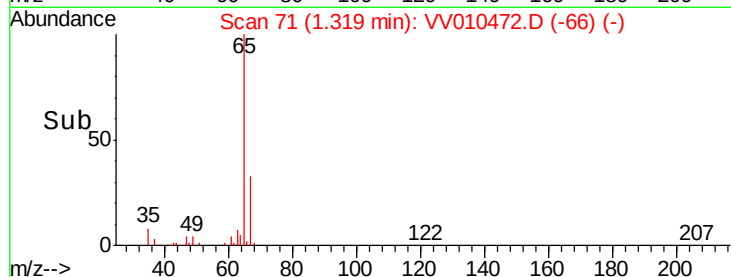
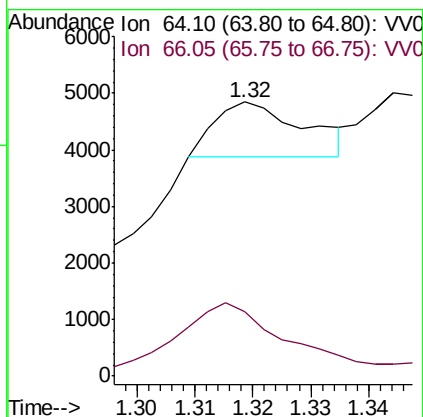
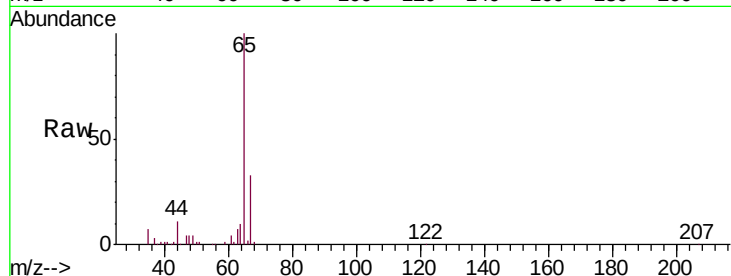
C0X68

Tgt Ion: 64 Resp: 1012

Ion Ratio Lower Upper

64 100

66 23.6 22.5 41.9



#19

1,1-Dichloroethane

Concen: 0.107 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV010472.D

Acq: 24 Apr 2019 19:18

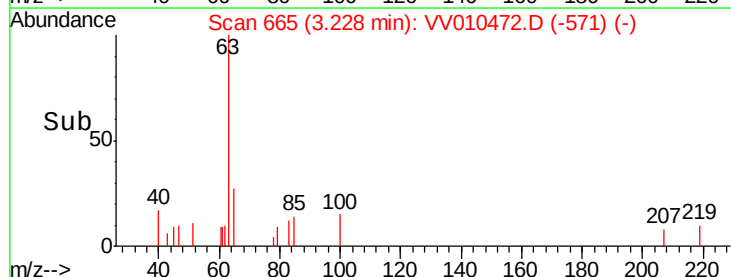
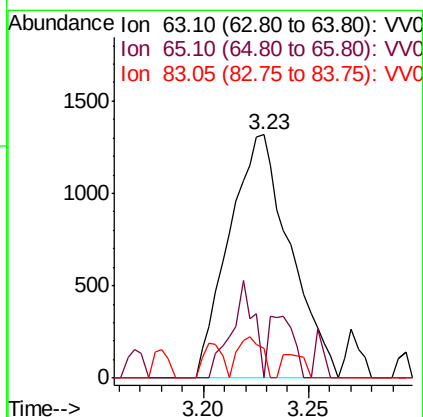
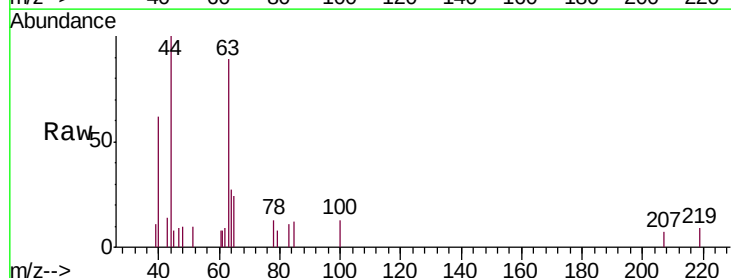
Tgt Ion: 63 Resp: 2639

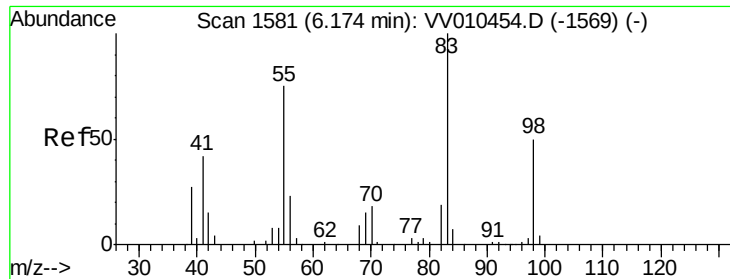
Ion Ratio Lower Upper

63 100

65 0.0 22.7 42.3#

83 12.1 11.3 20.9

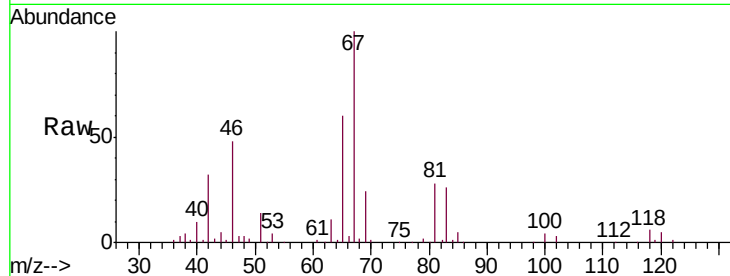




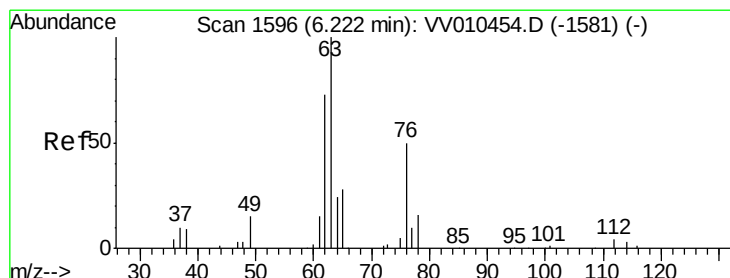
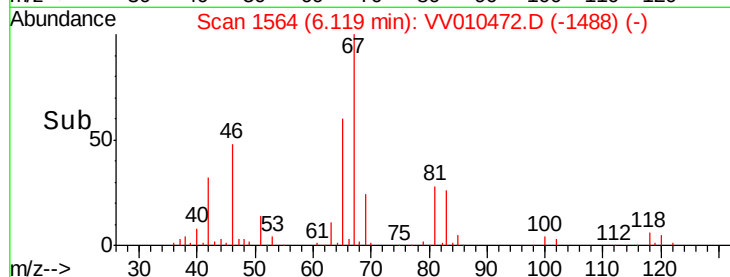
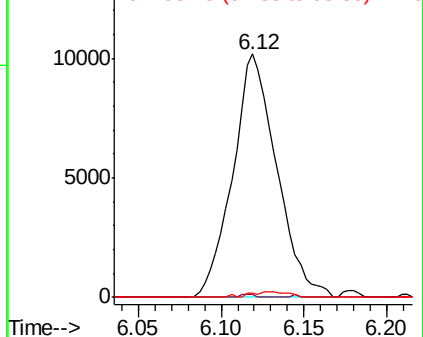
#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010472.D
Acq: 24 Apr 2019 19:18

Instrument :
MSVOA_V
ClientSampleId :
C0X68

Tgt Ion: 83 Resp: 18796
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 1.8 38.8 58.2#

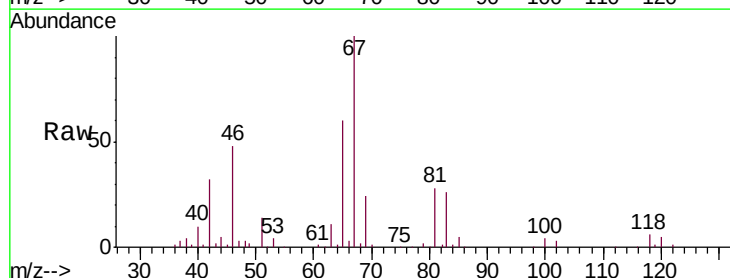


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

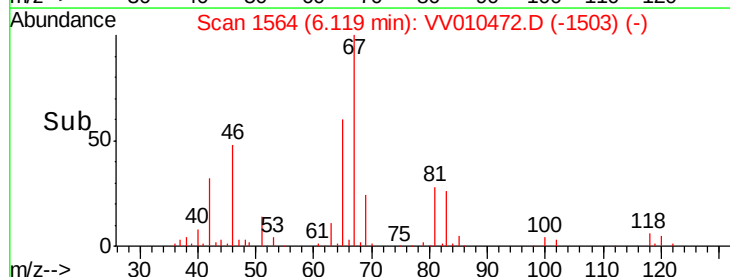
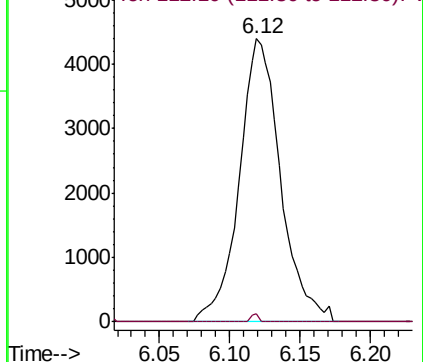


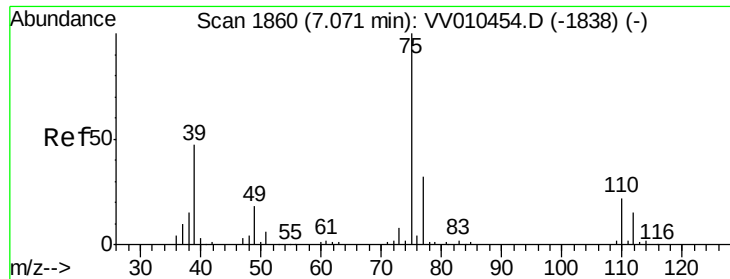
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010472.D
Acq: 24 Apr 2019 19:18

Tgt Ion: 63 Resp: 9010
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#



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

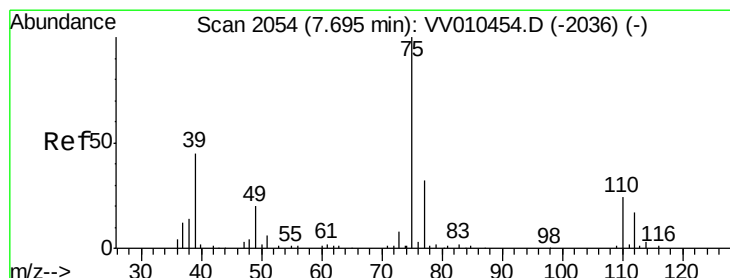
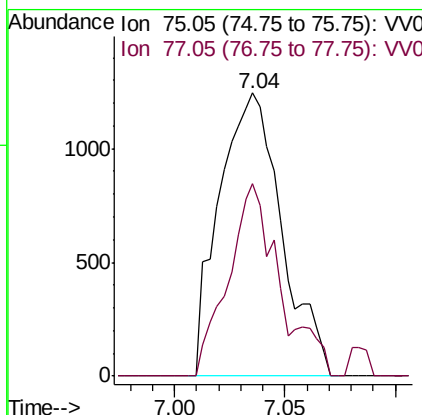
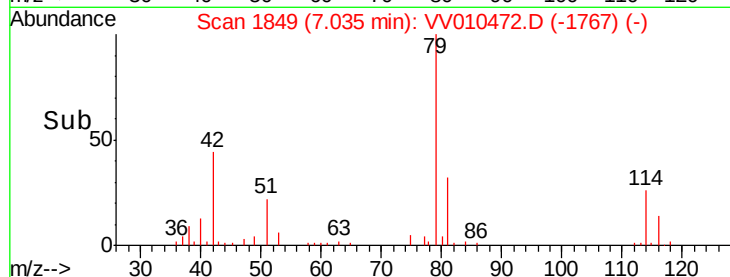
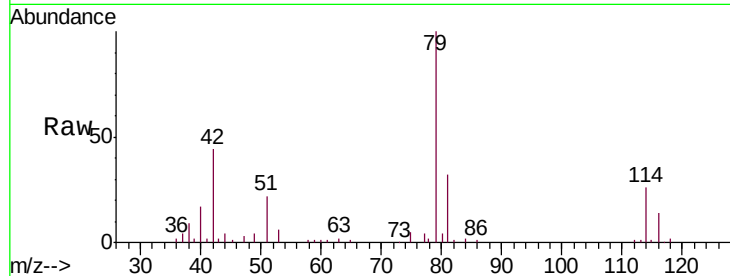




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV010472.D
 Acq: 24 Apr 2019 19:18

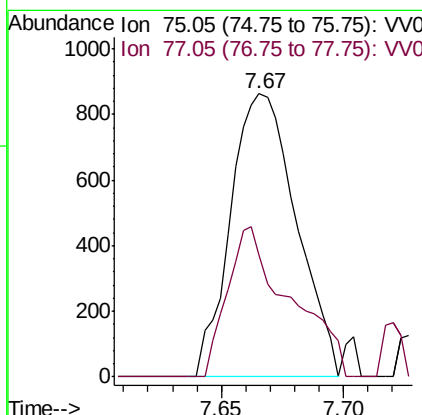
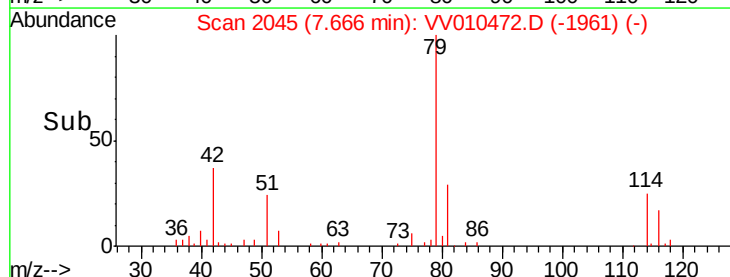
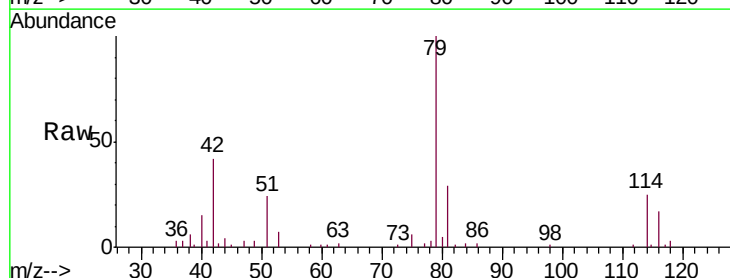
Instrument :
 MSVOA_V
 ClientSampled :
 C0X68

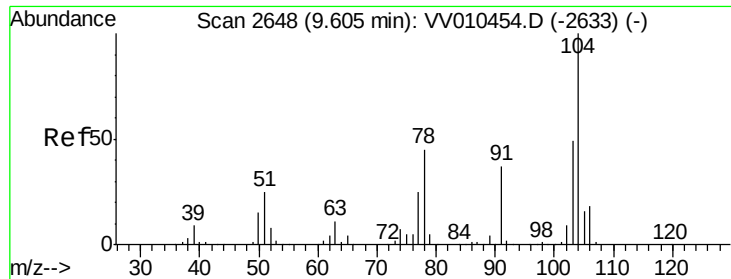
Tgt Ion: 75 Resp: 2443
 Ion Ratio Lower Upper
 75 100
 77 68.1 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010472.D
 Acq: 24 Apr 2019 19:18

Tgt Ion: 75 Resp: 1612
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.1 41.1#





#55

Styrene

Concen: 0.312 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010472.D

Acq: 24 Apr 2019 19:18

Instrument :

MSVOA_V

ClientSampleId :

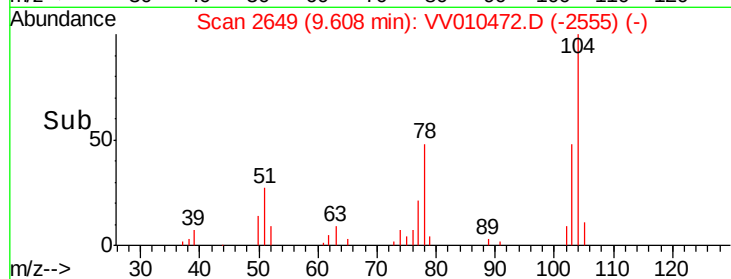
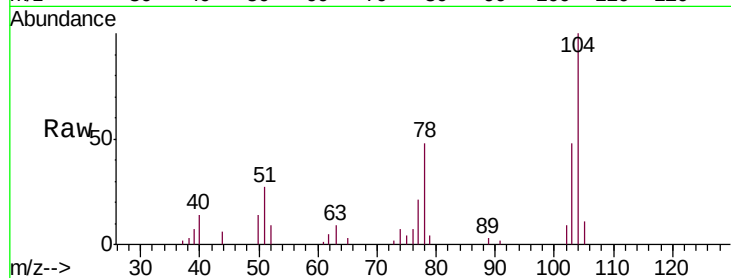
C0X68

Tgt Ion:104 Resp: 14488

Ion Ratio Lower Upper

104 100

78 47.5 31.4 58.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

