

Data File : VV009744.D
Acq On : 16 Mar 2019 21:41
Operator : SY/MD
Sample : K1949-12
Misc : 4.81G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Z3

Quant Time: Mar 18 07:47:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166673	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53681	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.66%
7) Chloroethane-d5	1.55	69	26748	30.95	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.90%#
11) 1,1-Dichloroethene-d2	2.09	63	93123	37.33	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.66%
21) 2-Butanone-d5	3.95	46	66081	94.71	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.71%
24) Chloroform-d	4.40	84	99218	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.08	65	65211	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
32) Benzene-d6	5.09	84	218878	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
36) 1,2-Dichloropropane-d6	6.12	67	66158	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.78%
41) Toluene-d8	7.36	98	206052	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%
43) trans-1,3-Dichloropropene-	7.67	79	30107	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.15	63	56873	105.38	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94039	46.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	72958	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

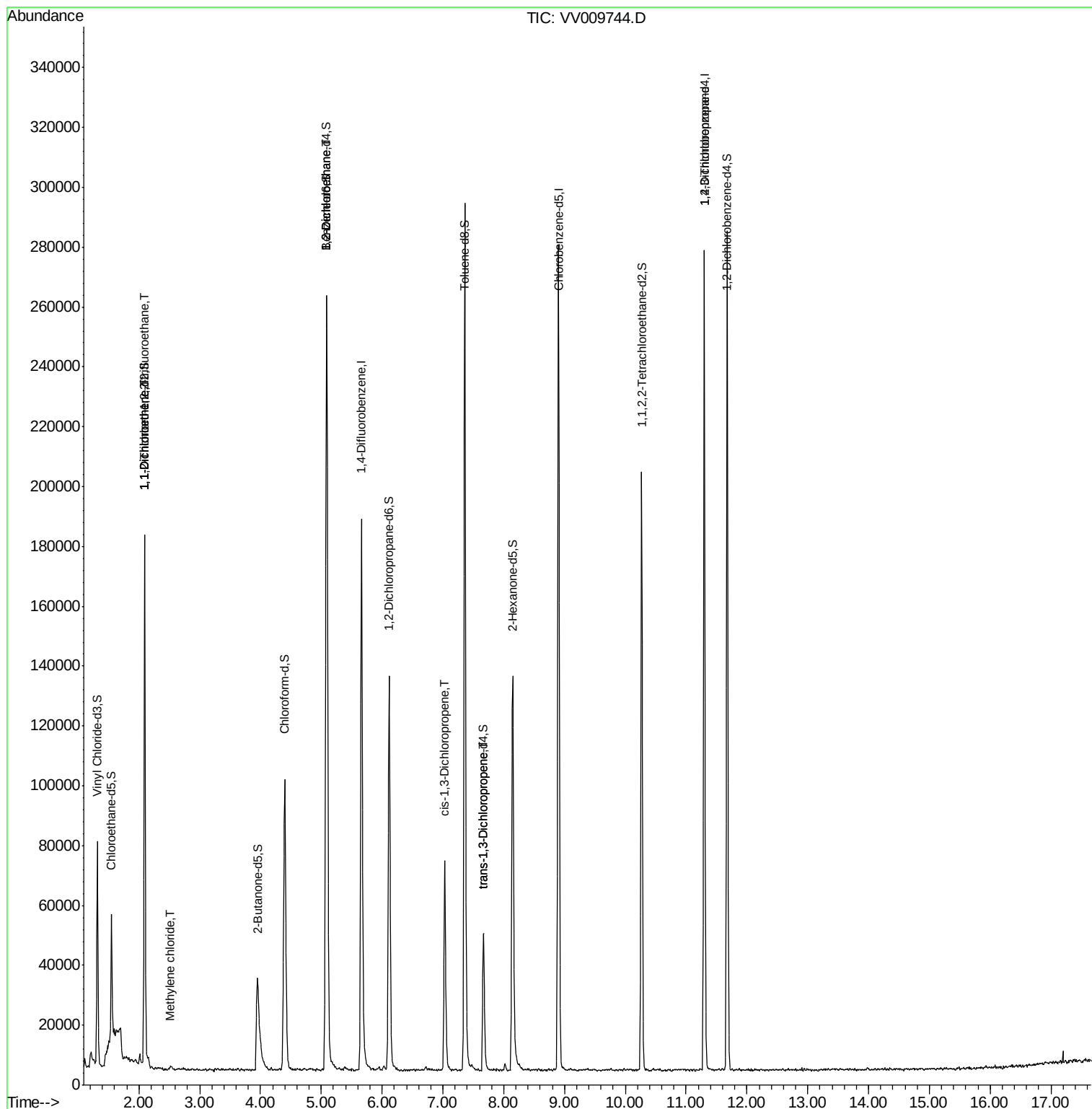
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	778	0.651	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	874	0.844	ug/L #	1
16) Methylene chloride	2.52	84	515	0.428	ug/L	90
27) 1,2-Dichloroethane	5.10	62	1376	0.862	ug/L #	74
39) cis-1,3-Dichloropropene	7.03	75	2043	1.153	ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	1665	0.992	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	8845	5.795	ug/L	91

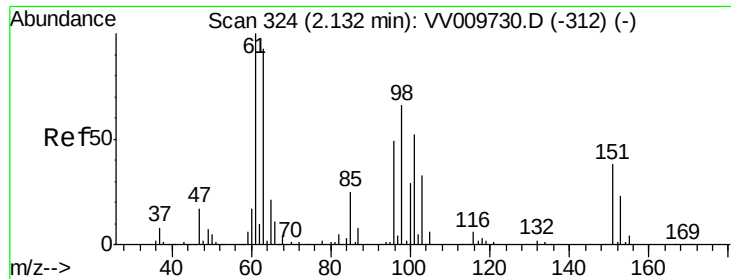
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.651 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV009744.D

Acq: 16 Mar 2019 21:41

Instrument :

MSVOA_V

ClientSampleId :

BF0Z3

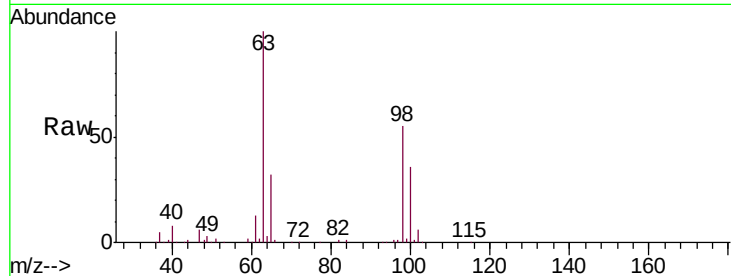
Tgt Ion: 101 Resp: 778

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

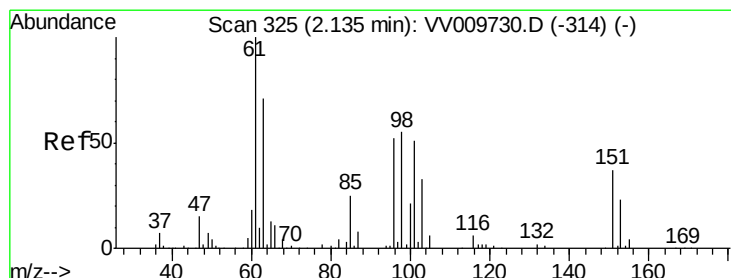
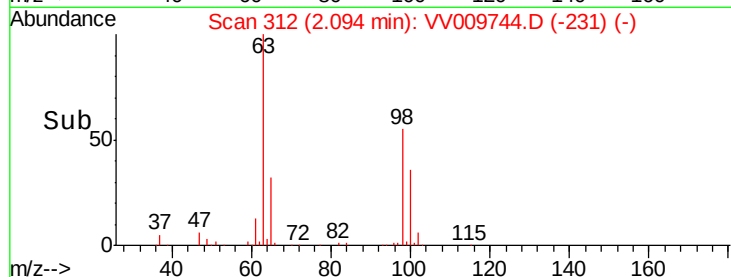
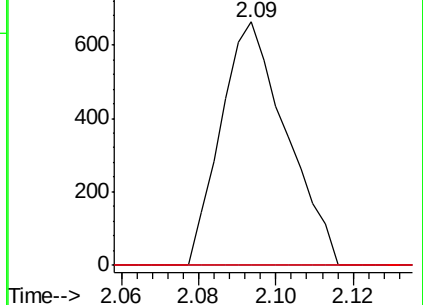
151 0.0 58.9 88.3#



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



#12

1,1-Dichloroethene

Concen: 0.844 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV009744.D

Acq: 16 Mar 2019 21:41

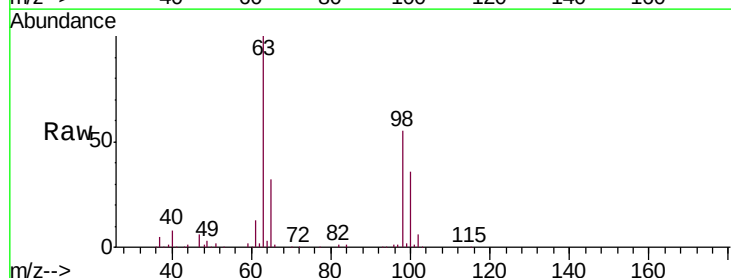
Tgt Ion: 96 Resp: 874

Ion Ratio Lower Upper

96 100

61 1385.6 135.5 251.7#

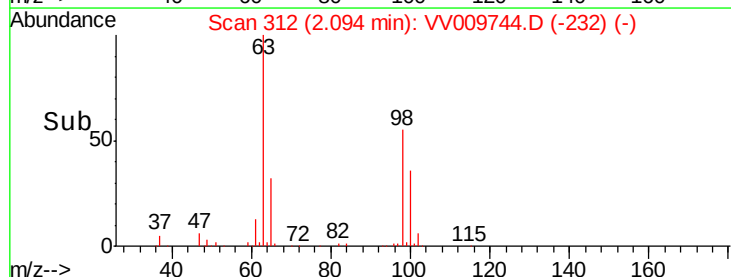
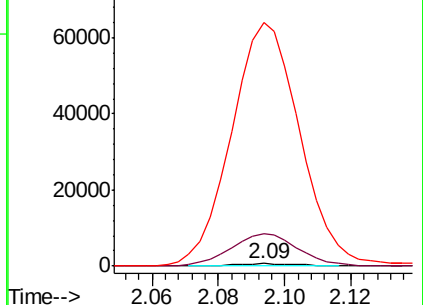
63 10323.9 100.2 186.2#

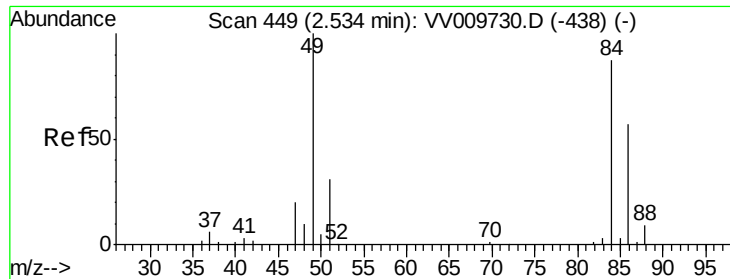


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

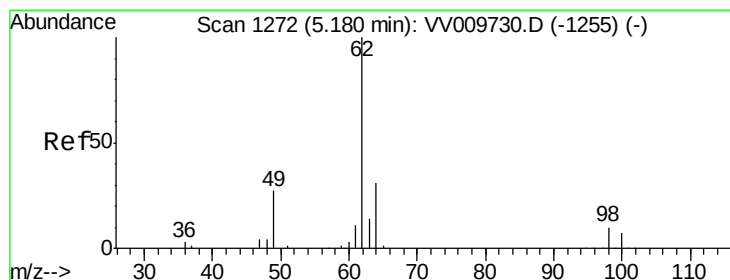
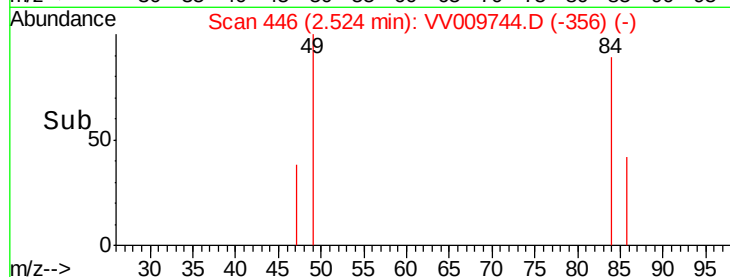
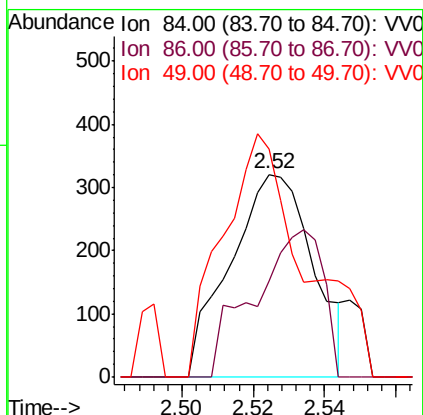
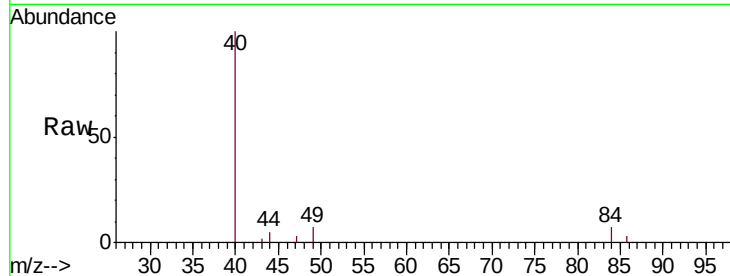




#16
Methylene chloride
Concen: 0.428 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009744.D
Acq: 16 Mar 2019 21:41

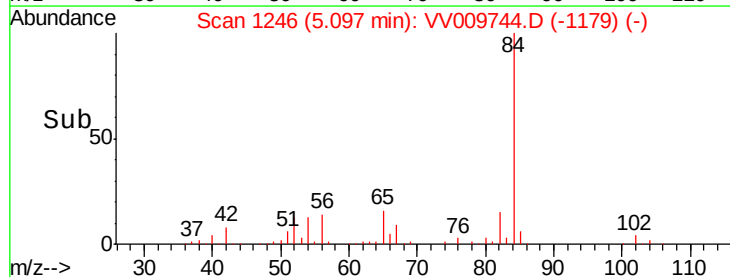
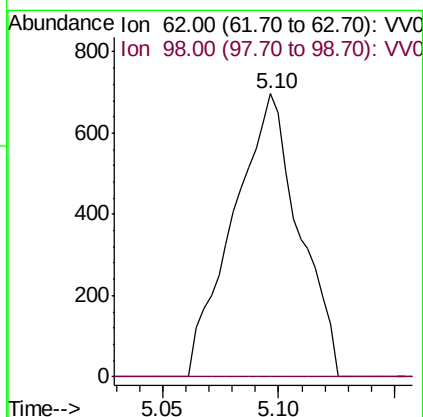
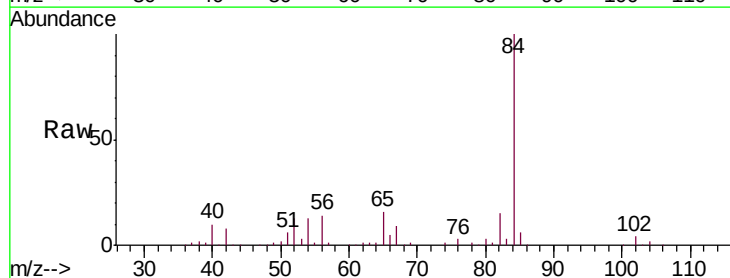
Instrument :
MSVOA_V
ClientSampled :
BF0Z3

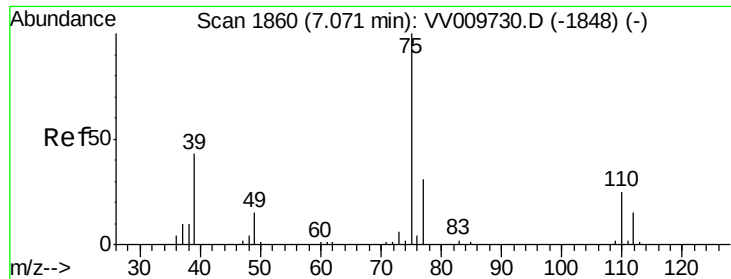
Tgt Ion: 84 Resp: 515
Ion Ratio Lower Upper
84 100
86 47.4 45.8 85.2
49 112.1 80.6 149.6



#27
1,2-Dichloroethane
Concen: 0.862 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009744.D
Acq: 16 Mar 2019 21:41

Tgt Ion: 62 Resp: 1376
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#

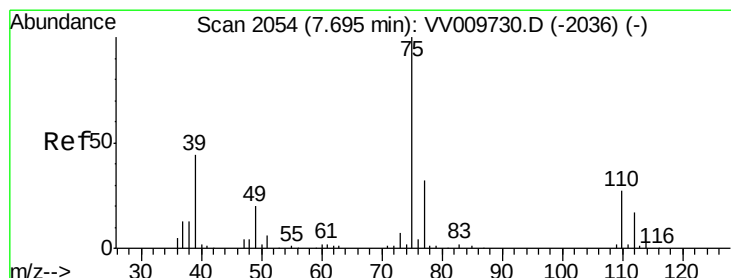
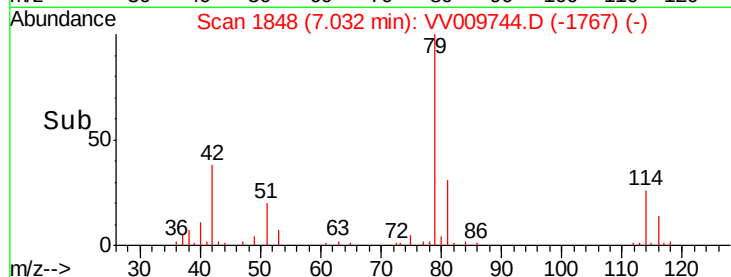
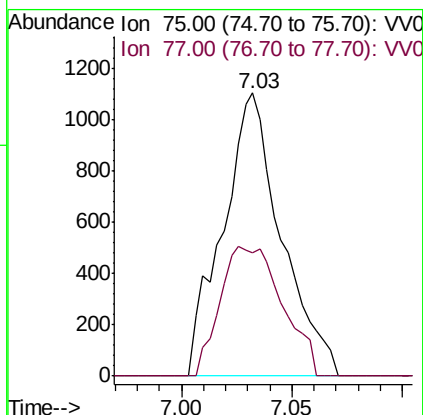
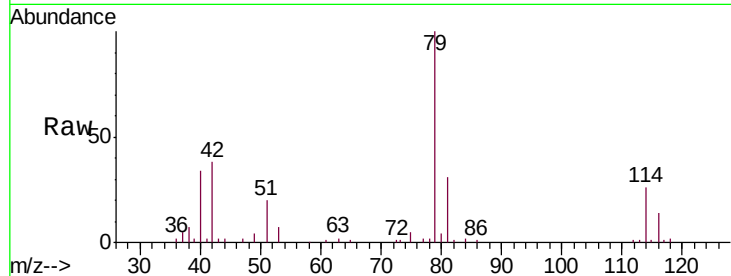




#39
 cis-1,3-Dichloropropene
 Concen: 1.153 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009744.D
 Acq: 16 Mar 2019 21:41

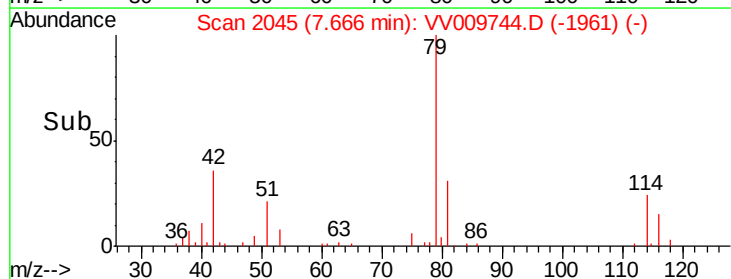
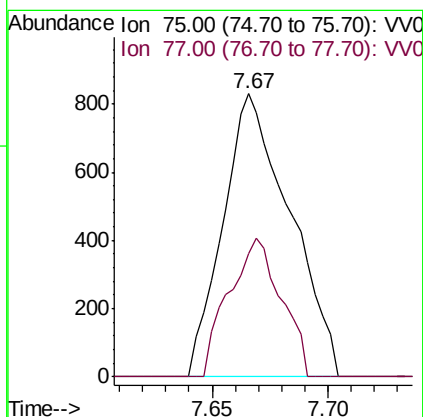
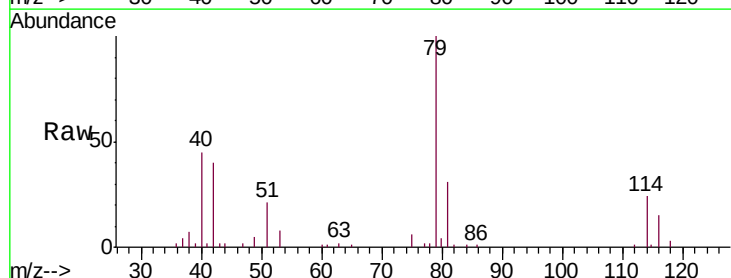
Instrument :
 MSVOA_V
 ClientSampled :
 BF0Z3

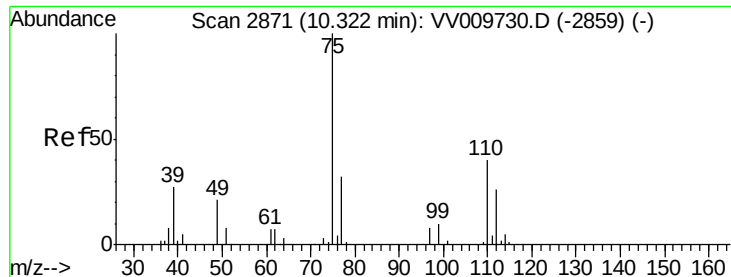
Tgt Ion: 75 Resp: 2043
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.992 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009744.D
 Acq: 16 Mar 2019 21:41

Tgt Ion: 75 Resp: 1665
 Ion Ratio Lower Upper
 75 100
 77 43.6 22.5 41.7#





#59
 1,2,3-Trichloropropane
 Concen: 5.795 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009744.D
 Acq: 16 Mar 2019 21:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Z3

Tgt Ion: 75 Resp: 8845
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.4

