

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012639.D
 Acq On : 09 Sep 2019 22:41
 Operator : SY/MD
 Sample : K4780-01
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	353775	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120716	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	105457	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	147604	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.95	46	370830	64.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.42%
24) Chloroform-d	4.40	84	229463	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	123366	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.10	84	440662	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	148406	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.36	98	350924	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	46593	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	194093	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112130	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	146342	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

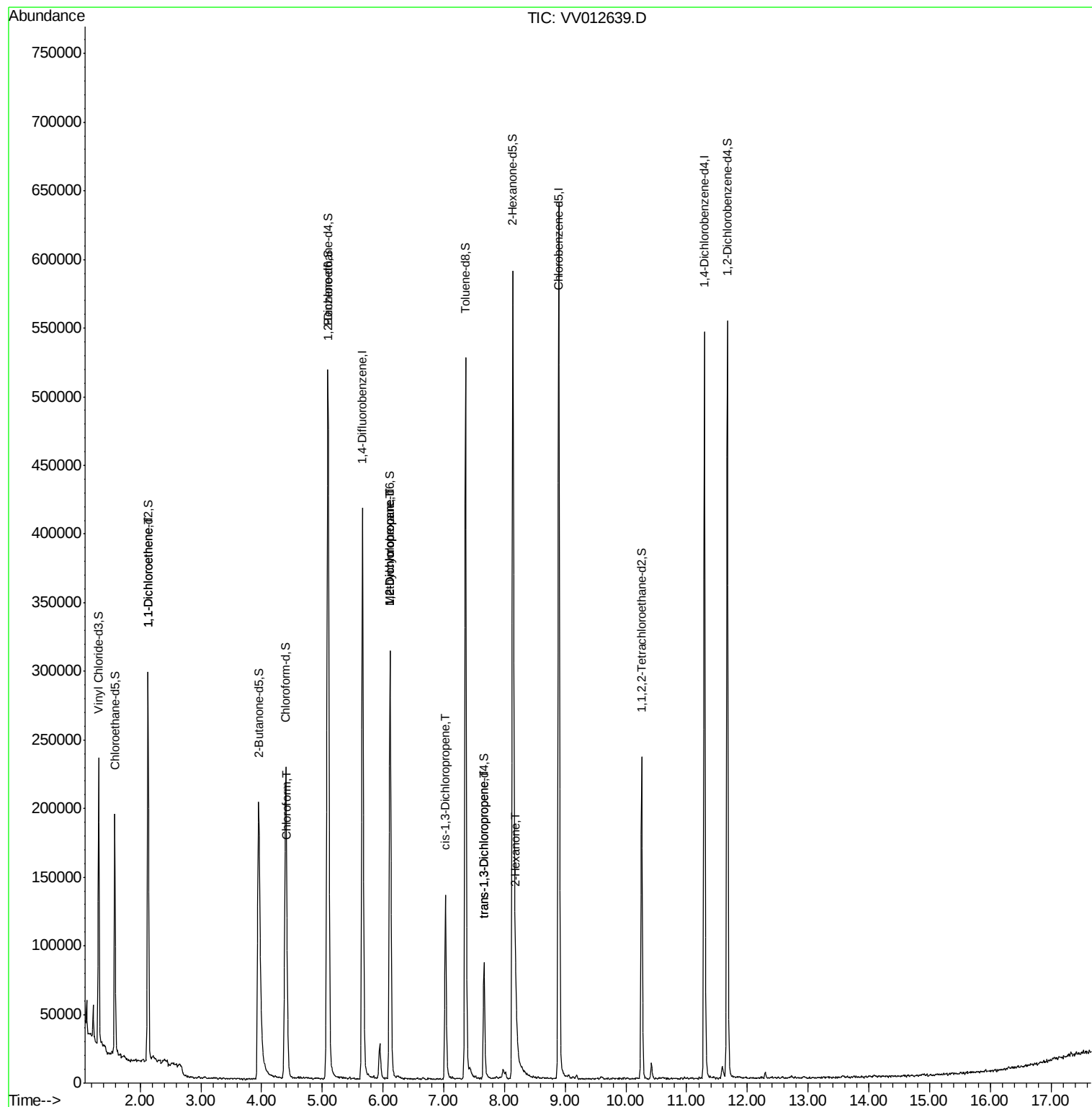
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	1550	0.071	ug/L #	1
25) Chloroform	4.42	83	10853	0.212	ug/L	99
35) Methylcyclohexane	6.12	83	34149	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	15990	0.614	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3198	0.094	ug/L #	45
44) trans-1,3-Dichloropropene	7.66	75	2241	0.087	ug/L	87
48) 2-Hexanone	8.18	43	32847	3.178	ug/L #	72

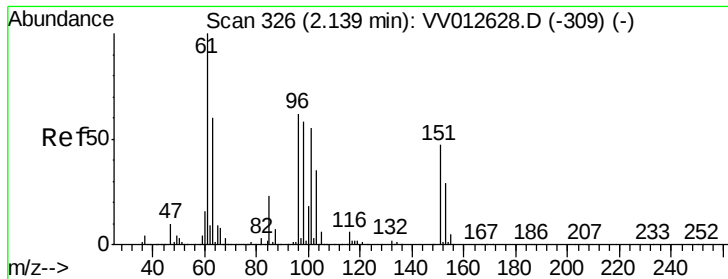
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012639.D

Acq: 09 Sep 2019 22:41

Instrument :
MSVOA_V
ClientSampled :

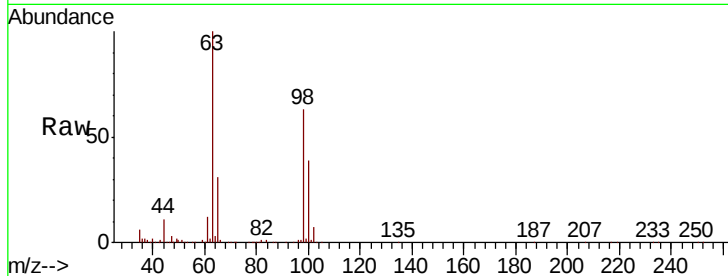
Tot Ion: 96 Resp: 1550

Ion Ratio Lower Upper

96 100

61 1022.2 115.8 215.0#

63 8471.7 79.4 147.4#



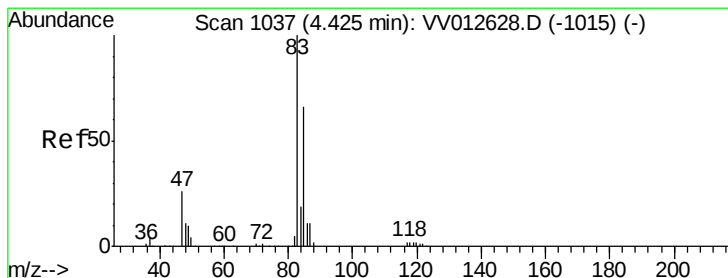
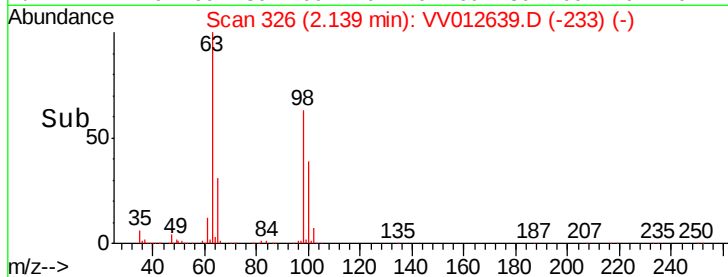
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0

100000

50000

0

Time-->



#25

Chloroform

Concen: 0.212 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012639.D

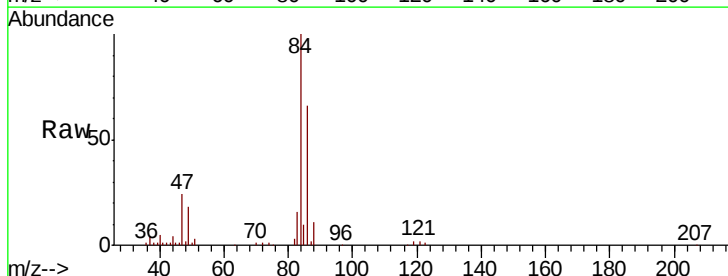
Acq: 09 Sep 2019 22:41

Tgt Ion: 83 Resp: 10853

Ion Ratio Lower Upper

83 100

85 65.2 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

5000

4000

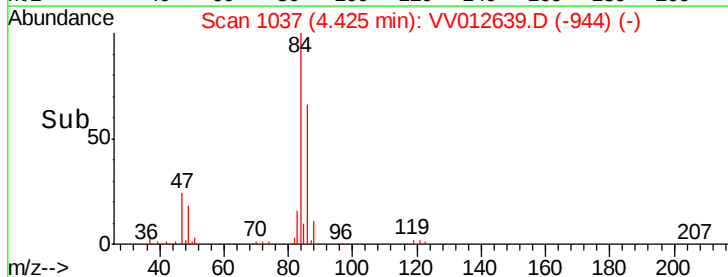
3000

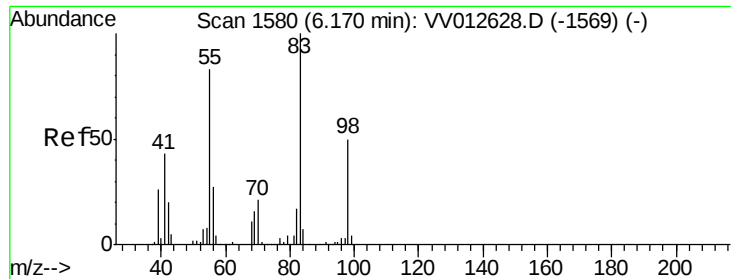
2000

1000

0

Time-->

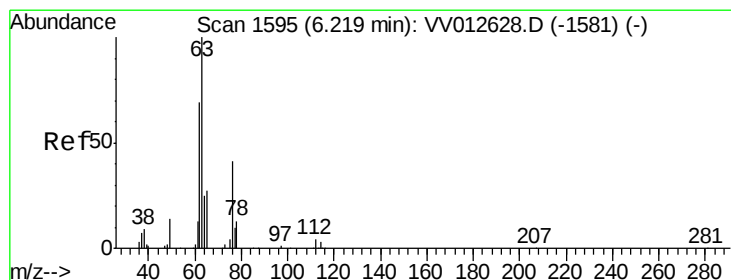
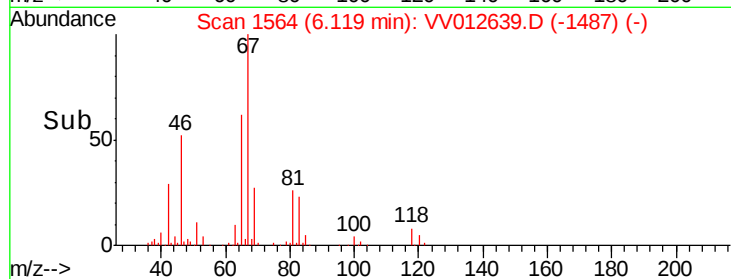
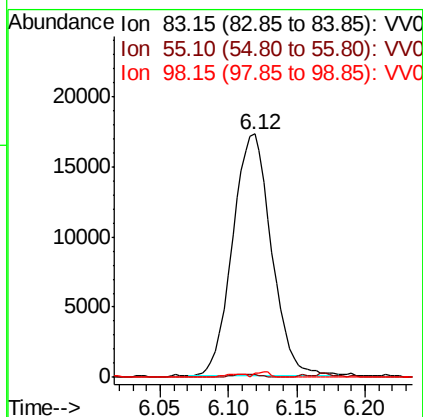
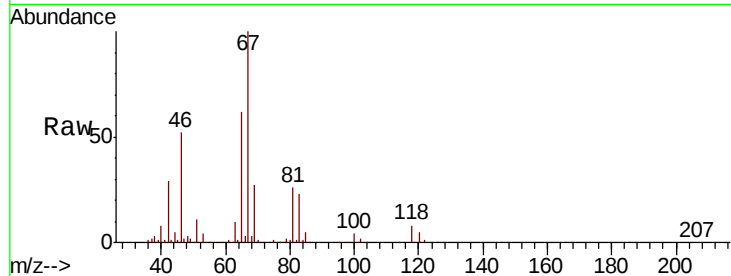




#35
Methvlcvclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012639.D
Acq: 09 Sep 2019 22:41

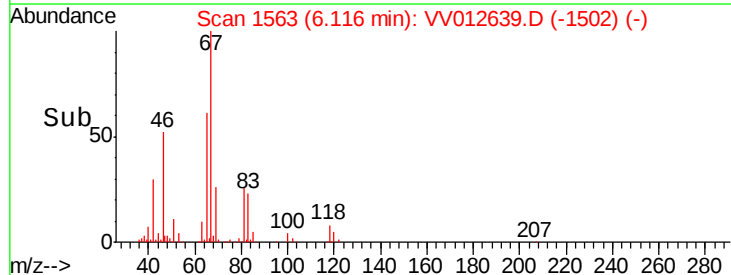
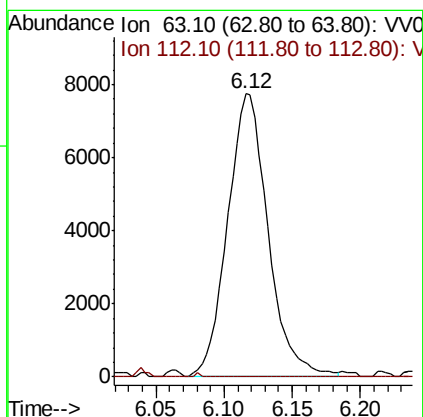
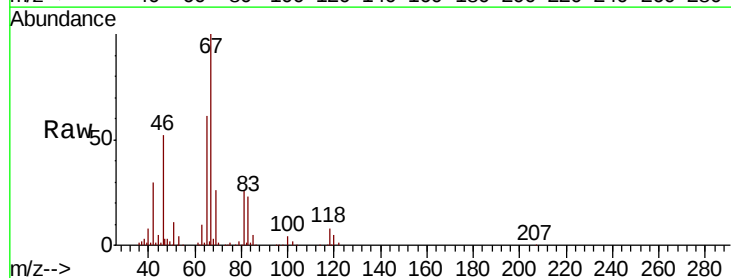
Instrument :
MSVOA_V
ClientSampleId :

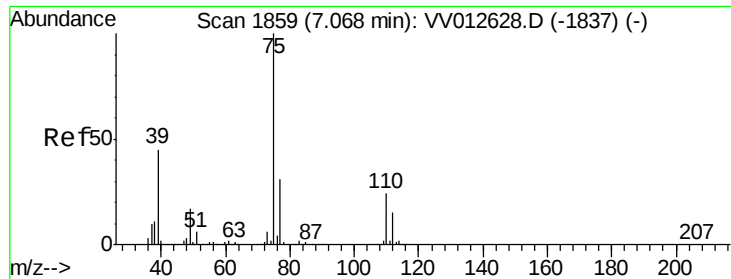
Tot Ion: 83 Resp: 34149
Ion Ratio Lower Upper
83 100
55 0.9 63.0 94.4#
98 0.8 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012639.D
Acq: 09 Sep 2019 22:41

Tgt Ion: 63 Resp: 15990
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#



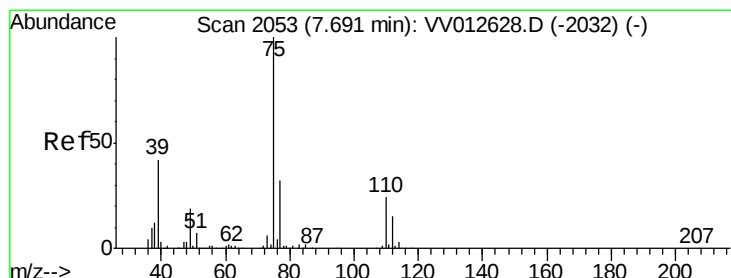
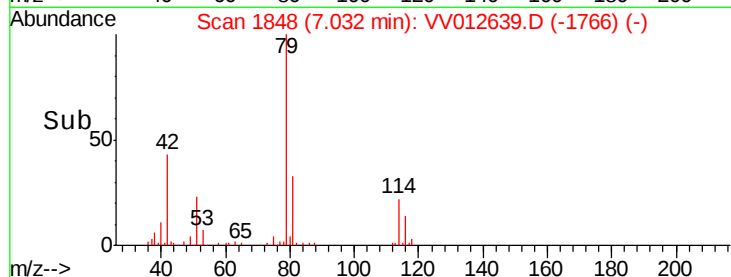
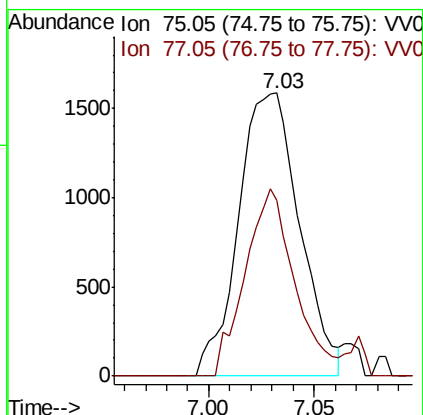
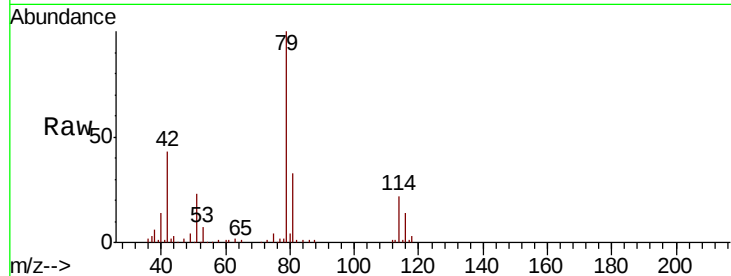


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV012639.D
Acq: 09 Sep 2019 22:41

Instrument :
MSVOA_V
ClientSampleId :

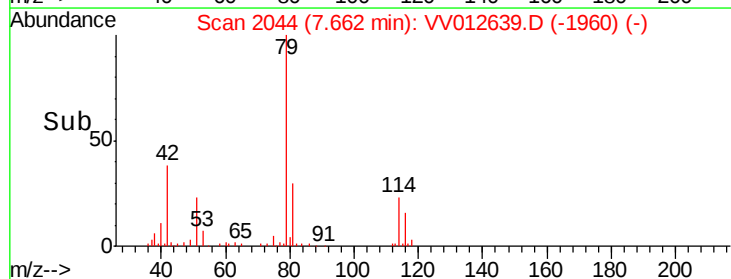
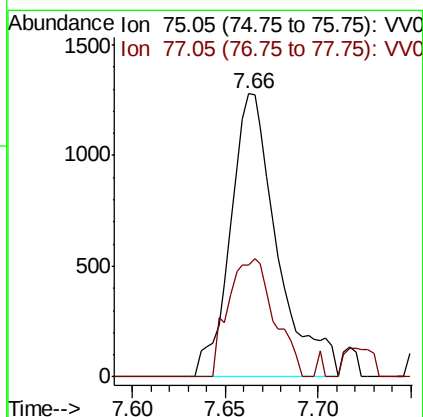
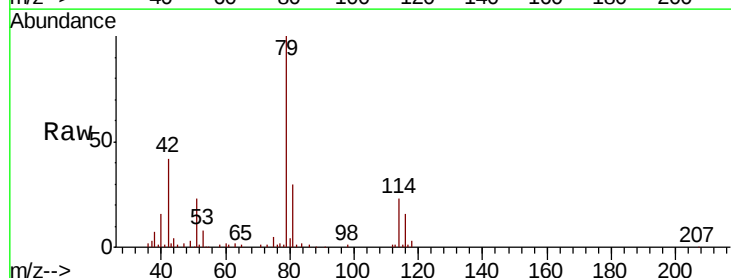
Tot Ion: 75 Resp: 3198
Ion Ratio Lower Upper
75 100
77 62.1 22.3 41.3#

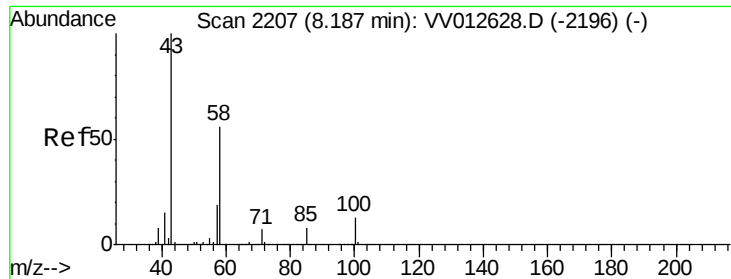


#44

trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012639.D
Acq: 09 Sep 2019 22:41

Tgt Ion: 75 Resp: 2241
Ion Ratio Lower Upper
75 100
77 39.5 22.4 41.6





#48

2-Hexanone

Concen: 3.178 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV012639.D

Acq: 09 Sep 2019 22:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 32847

Ion Ratio Lower Upper

43 100

58 35.8 44.8 67.2#

57 1.1 14.9 22.3#

100 8.2 9.8 14.8#

