

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011739.D
 Acq On : 24 Jun 2019 19:18
 Operator : SY/MD
 Sample : K3479-13
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 08:23:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49537	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.57	69	36048	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	77975	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.95	46	168780	62.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.00%
24) Chloroform-d	4.40	84	103440	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.08	65	63109	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	216985	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	68065	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	185668	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	20510	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	128192	62.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48462	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	64595	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

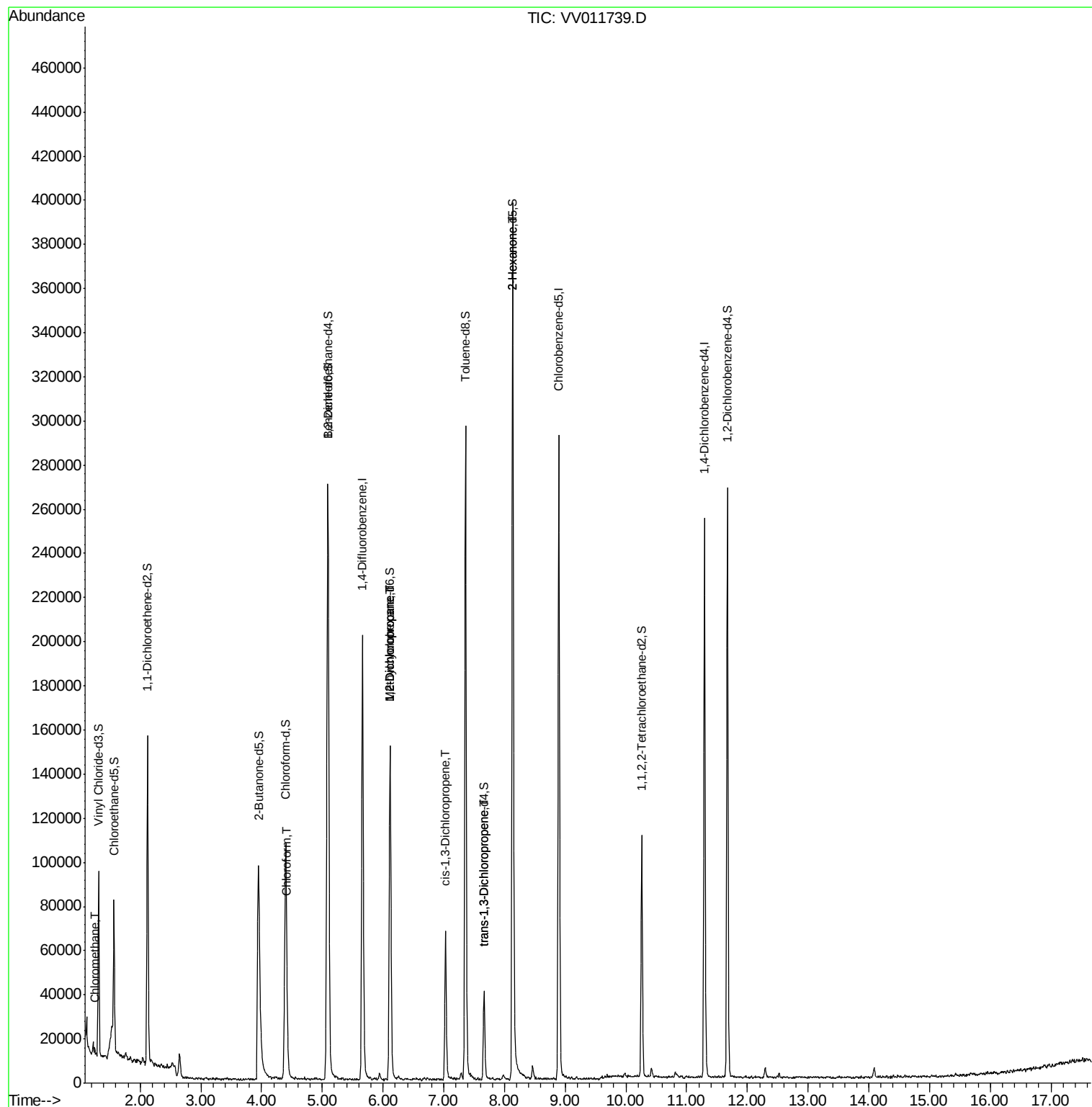
					Ovalue
3) Chloromethane	1.25	50	2266	0.154 ug/L #	83
25) Chloroform	4.42	83	5666	0.229 ug/L	90
35) Methylcyclohexane	6.11	83	16247	0.789 ug/L #	14
37) 1,2-Dichloropropane	6.11	63	8092	0.662 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2125	0.133 ug/L #	63
44) trans-1,3-Dichloropropene	7.66	75	1152	0.097 ug/L	89
48) 2-Hexanone	8.14	43	17324	3.215 ug/L #	69

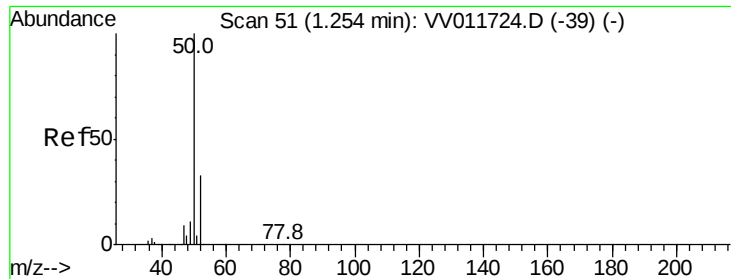
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011739.D

Acq: 24 Jun 2019 19:18

Instrument :

MSVOA_V

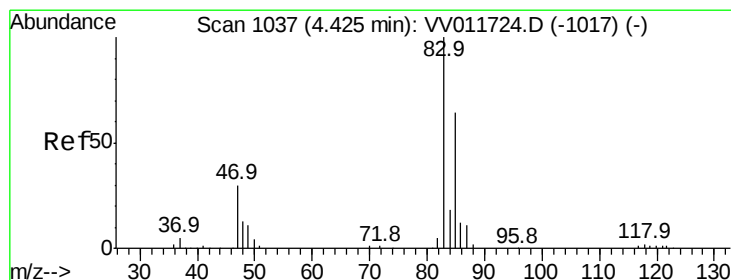
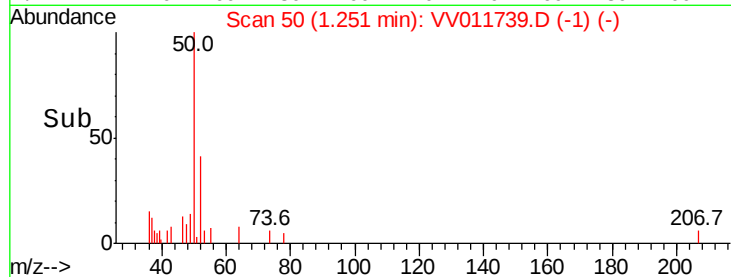
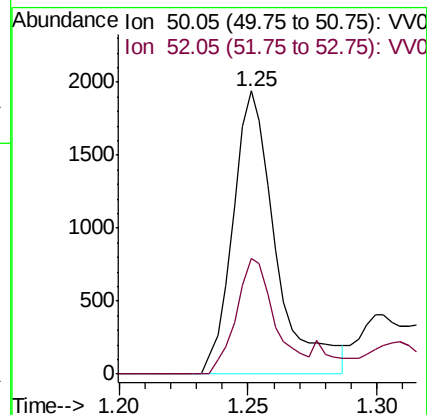
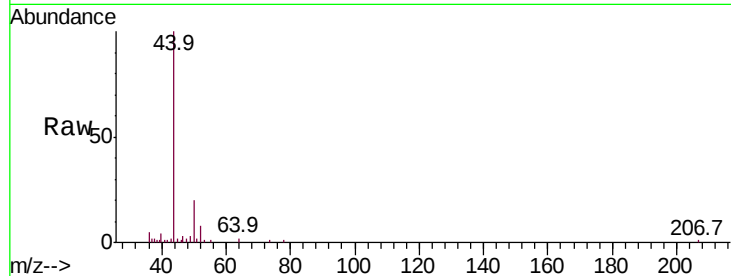
ClientSampleId :

Tot Ion: 50 Resp: 2266

Ion Ratio Lower Upper

50 100

52 40.8 22.0 40.8#



#25

Chloroform

Concen: 0.229 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011739.D

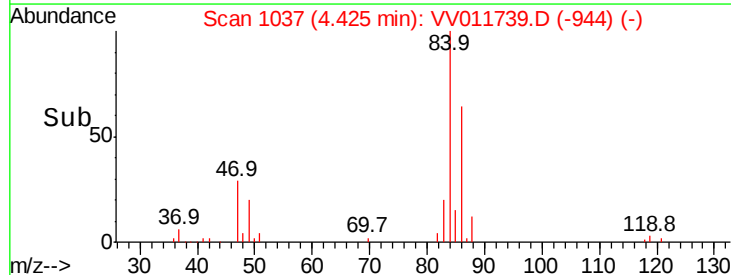
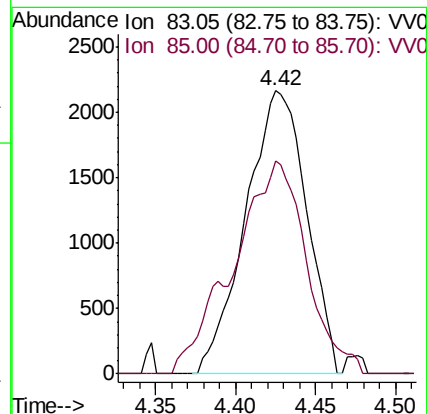
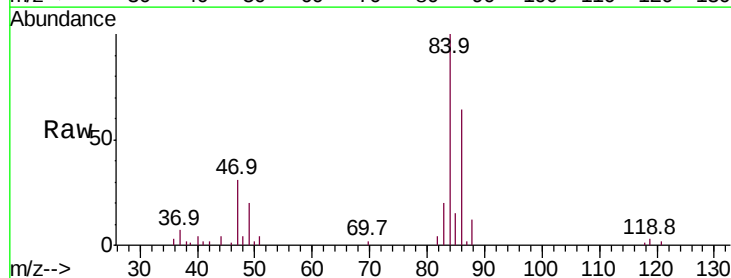
Acq: 24 Jun 2019 19:18

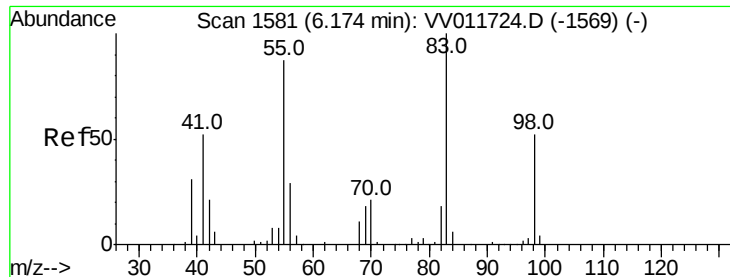
Tgt Ion: 83 Resp: 5666

Ion Ratio Lower Upper

83 100

85 75.3 47.0 87.2

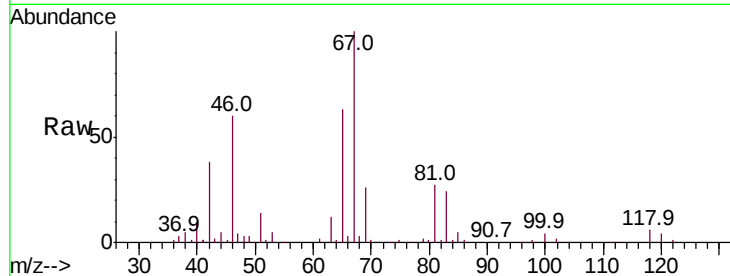




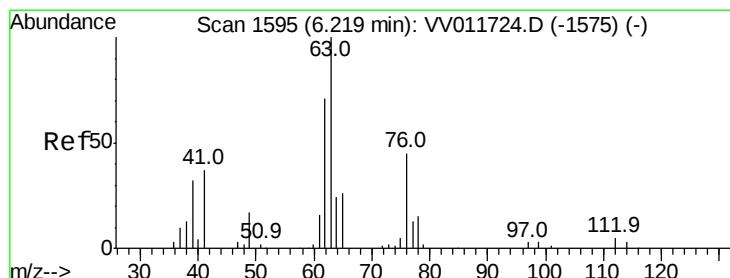
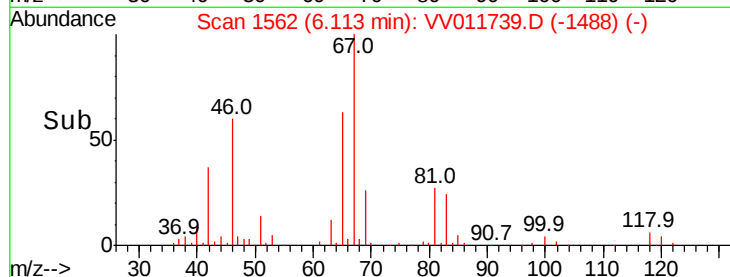
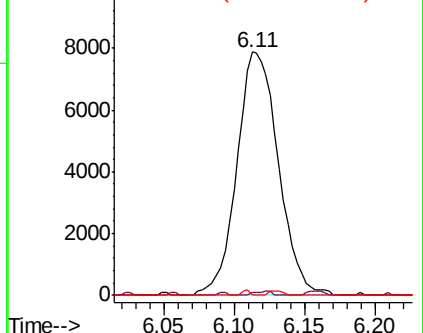
#35
Methvlcvclohexane
Concen: 0.789 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011739.D
Acq: 24 Jun 2019 19:18

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 16247
Ion Ratio Lower Upper
83 100
55 0.2 69.4 104.2#
98 0.4 40.2 60.4#

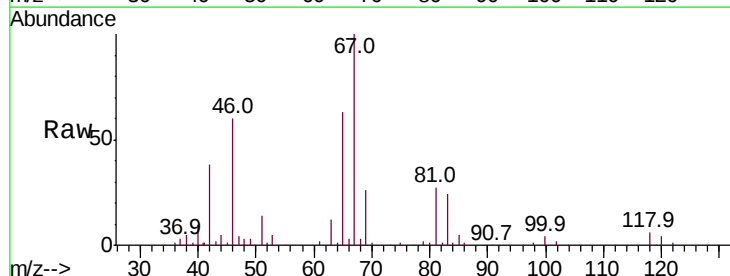


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

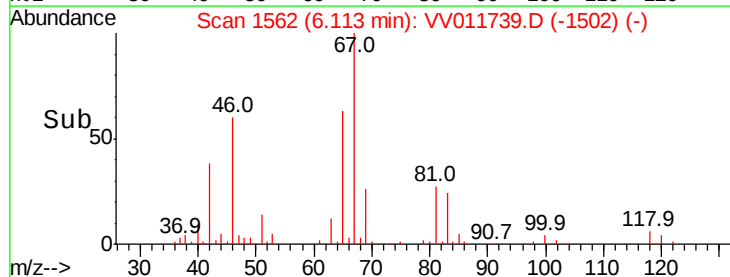
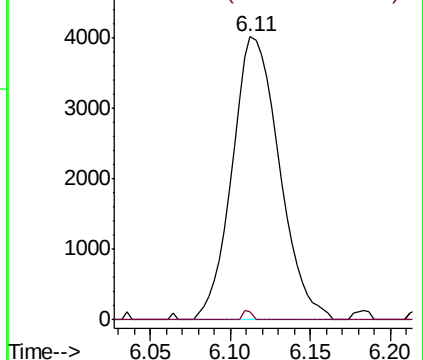


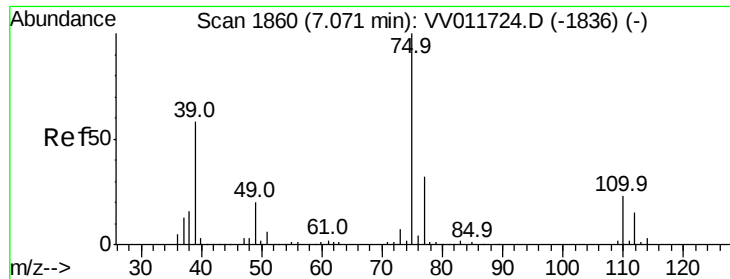
#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011739.D
Acq: 24 Jun 2019 19:18

Tgt Ion: 63 Resp: 8092
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.2#



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



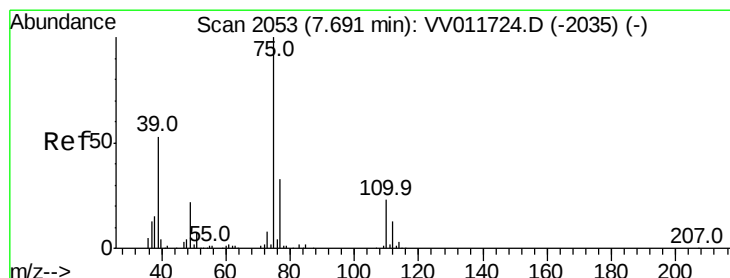
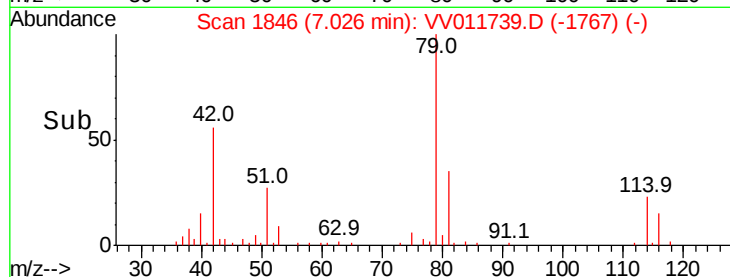
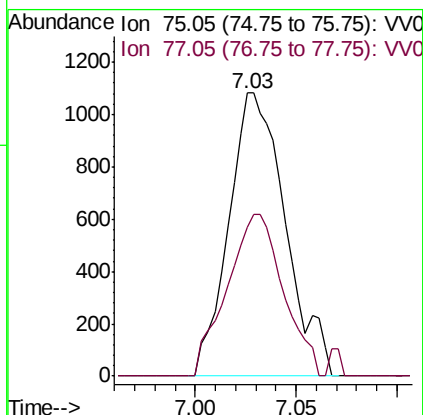
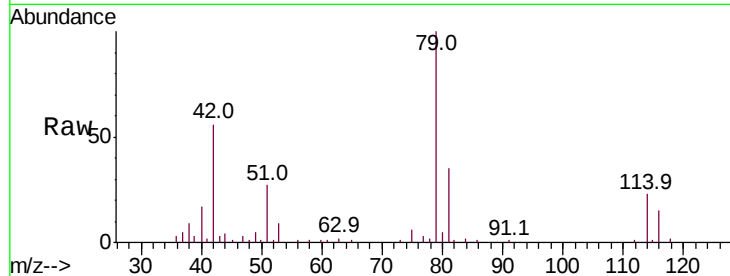


#39

cis-1,3-Dichloropropene
Concen: 0.133 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV011739.D
Acq: 24 Jun 2019 19:18

Instrument :
MSVOA_V
ClientSampleId :

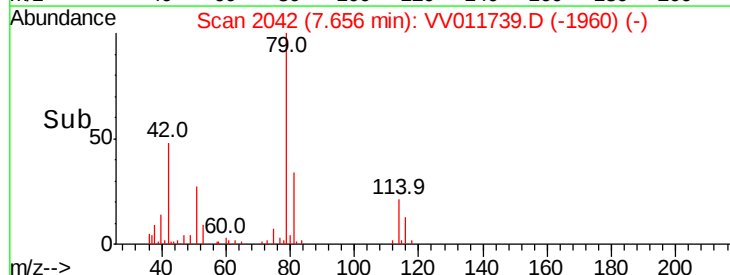
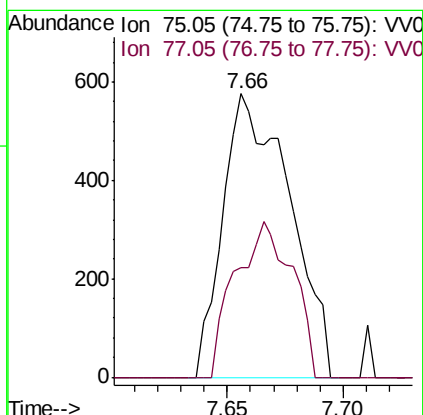
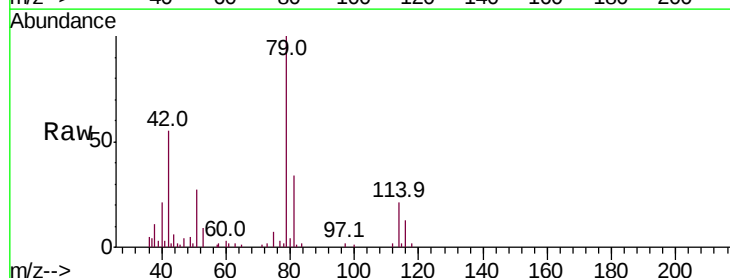
Tot Ion: 75 Resp: 2125
Ion Ratio Lower Upper
75 100
77 52.7 22.4 41.6#

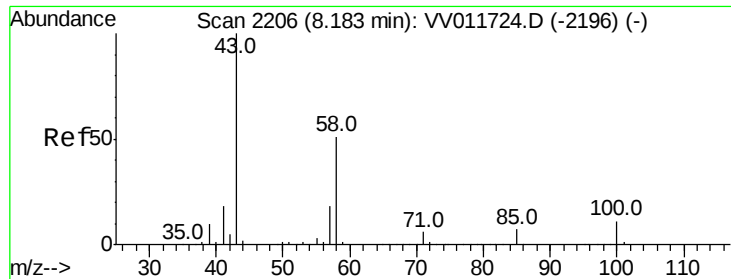


#44

trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.04 min
Lab File: VV011739.D
Acq: 24 Jun 2019 19:18

Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
77 38.5 22.7 42.1

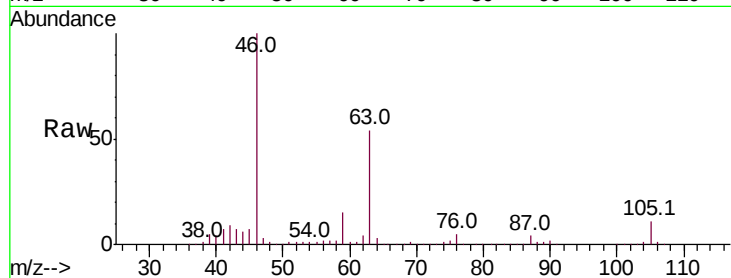




#48
 2-Hexanone
 Concen: 3.215 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011739.D
 Acq: 24 Jun 2019 19:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	17324
Ion	Ratio	Lower	Upper
43	100		
58	25.9	40.1	60.1#
57	28.9	14.4	21.6#
100	1.7	8.6	12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

