

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014743.D
 Acq On : 04 Mar 2020 18:59
 Operator : SY/MD
 Sample : L1782-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234319	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73262	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	64003	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	97469	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.97	46	222170	58.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.18%
24) Chloroform-d	4.40	84	153227	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	88082	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	320605	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	100800	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	281432	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	37286	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	145497	45.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	77434	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	108314	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

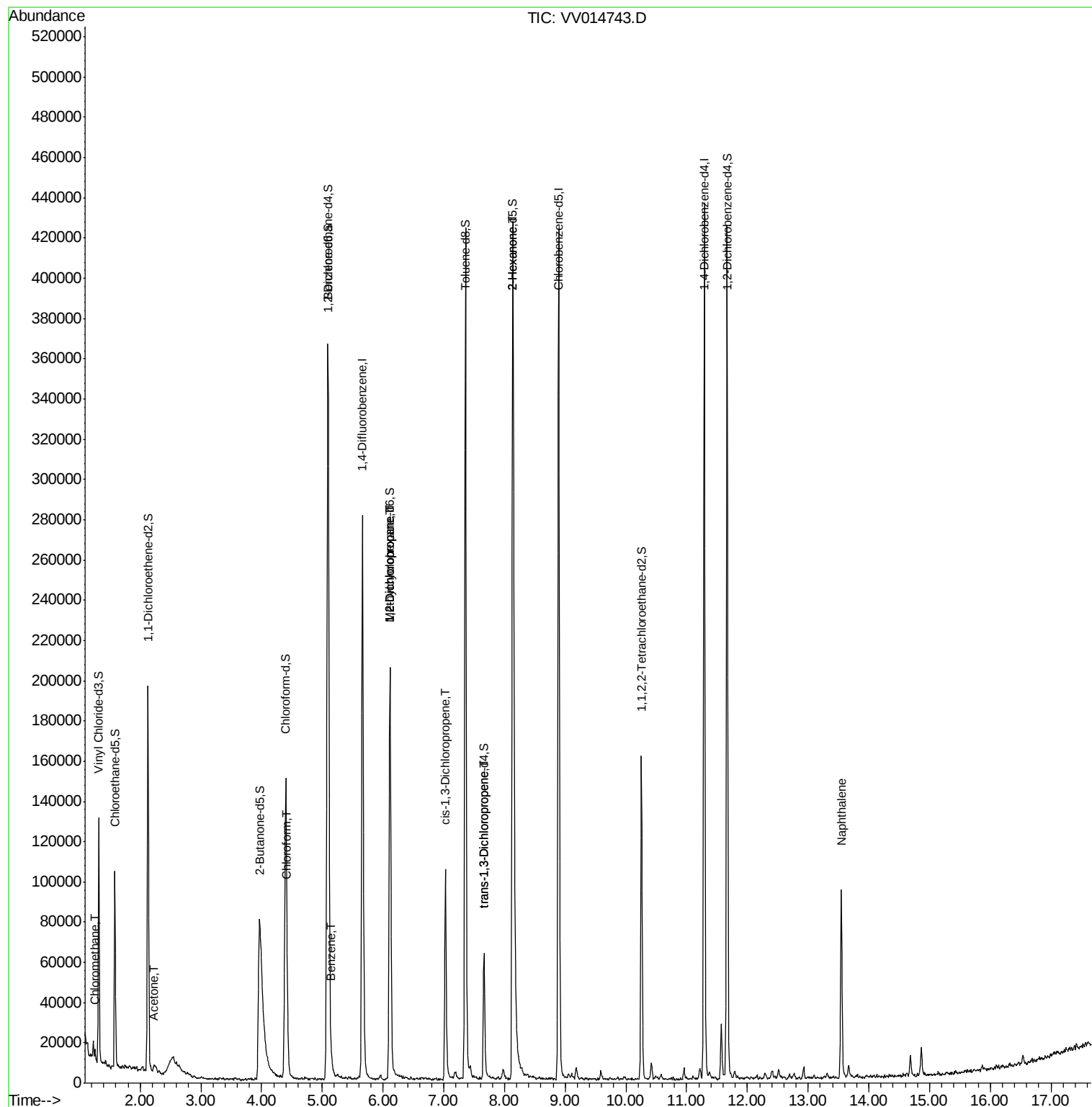
					Ovalue
3) Chloromethane	1.25	50	2636	0.111 ug/L	97
13) Acetone	2.23	43	6864	2.690 ug/L	79
25) Chloroform	4.43	83	6204	0.181 ug/L	97
33) Benzene	5.14	78	6123	0.082 ug/L	100
35) Methylcyclohexane	6.11	83	25051	0.753 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	11840	0.621 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2801	0.101 ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	1610	0.075 ug/L	83
48) 2-Hexanone	8.14	43	28529	3.507 ug/L #	87
69) Naphthalene	13.55	128	74741	1.714 ug/L	99

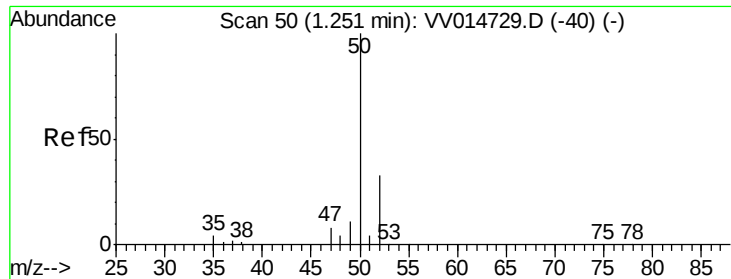
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 05 06:28:00 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014743.D

Acq: 04 Mar 2020 18:59

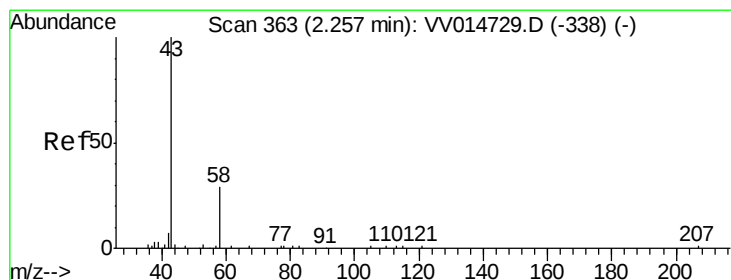
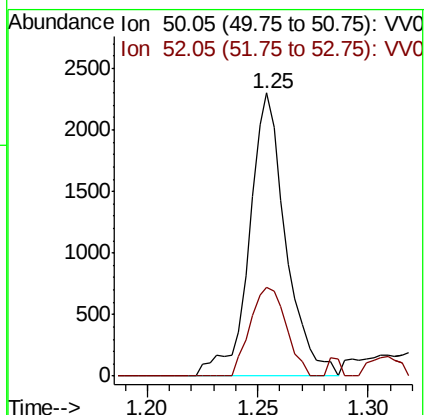
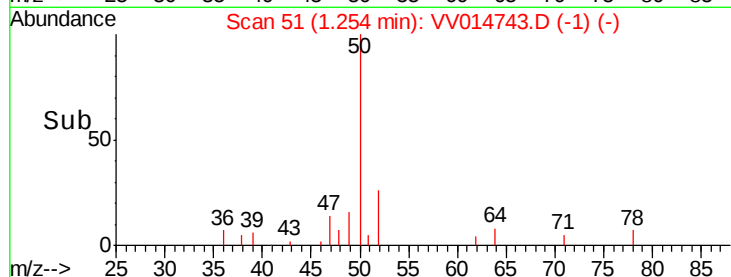
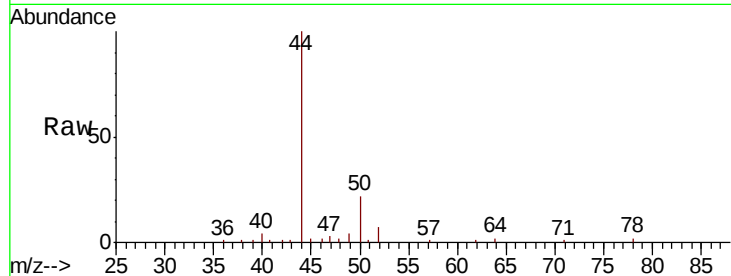
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 2636

Ion Ratio Lower Upper

50 100

52 31.3 22.9 42.5



#13

Acetone

Concen: 2.690 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.02 min

Lab File: VV014743.D

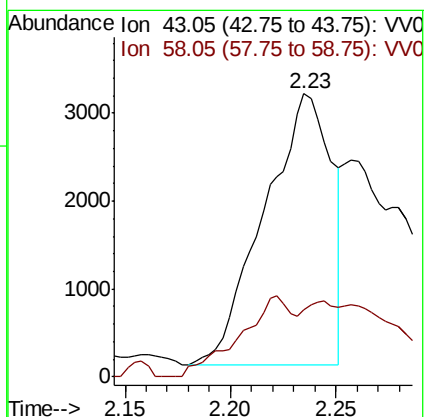
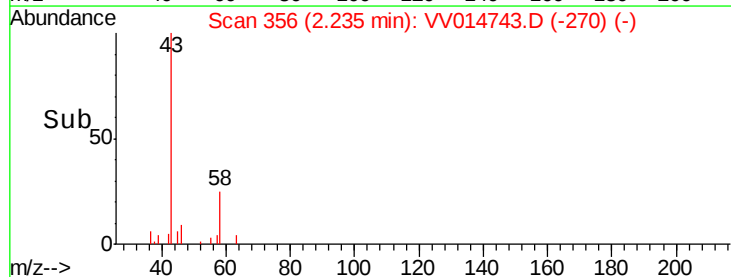
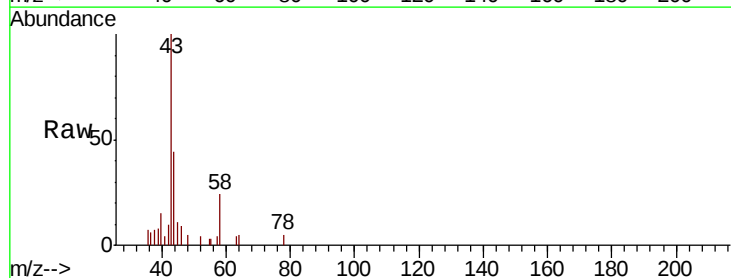
Acq: 04 Mar 2020 18:59

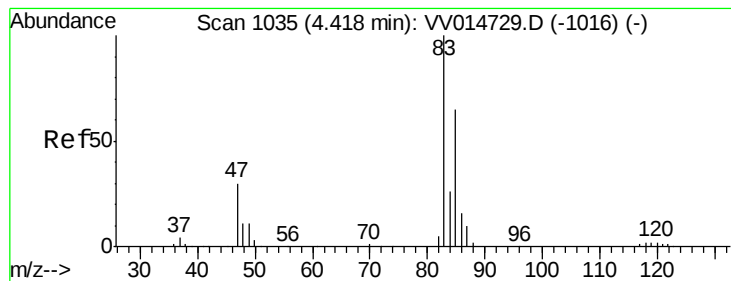
Tgt Ion: 43 Resp: 6864

Ion Ratio Lower Upper

43 100

58 2.2 0.0 20.0





#25

Chloroform

Concen: 0.181 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014743.D

Acq: 04 Mar 2020 18:59

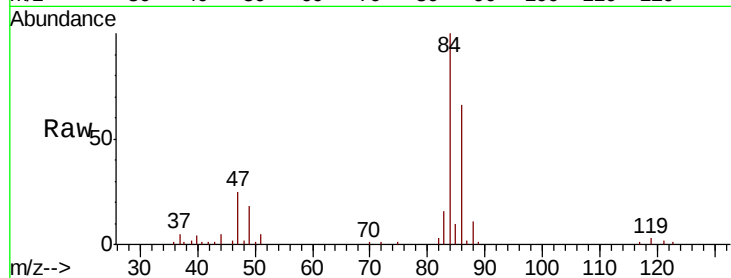
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 6204

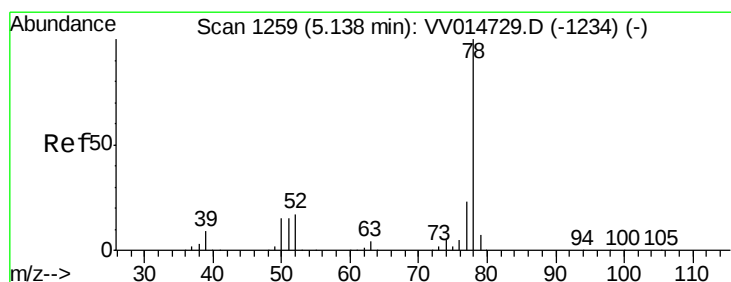
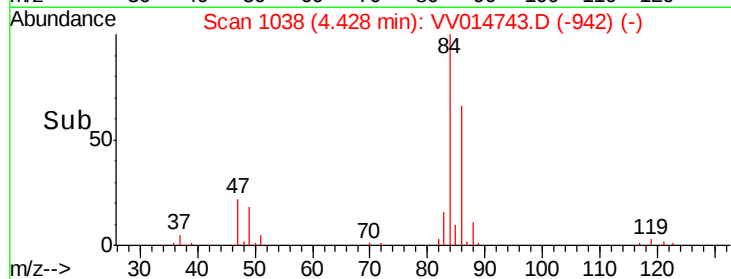
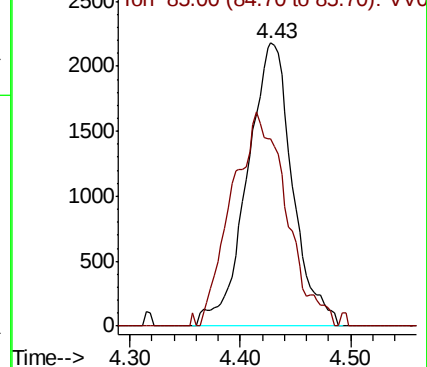
Ion Ratio Lower Upper

83 100

85 66.2 44.7 83.1



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



#33

Benzene

Concen: 0.082 ug/L

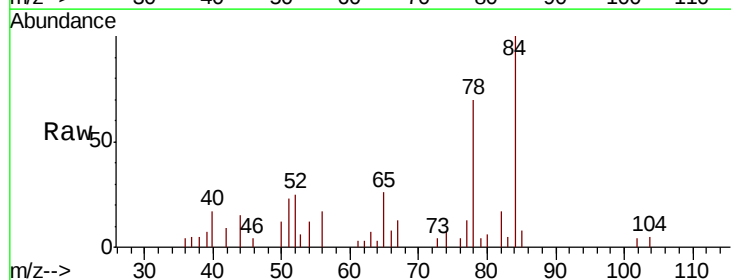
RT: 5.14 min Scan# 1261

Delta R.T. 0.01 min

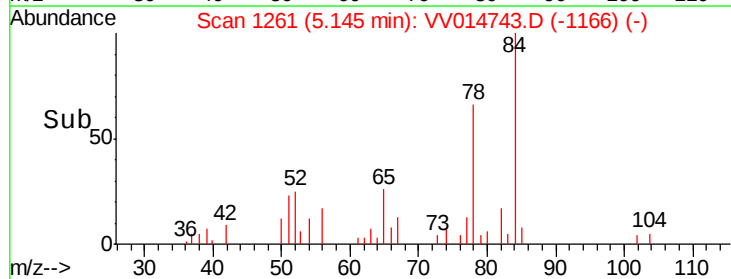
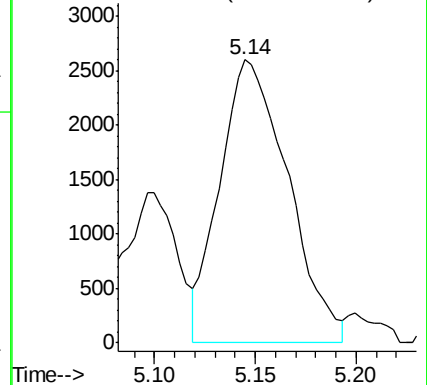
Lab File: VV014743.D

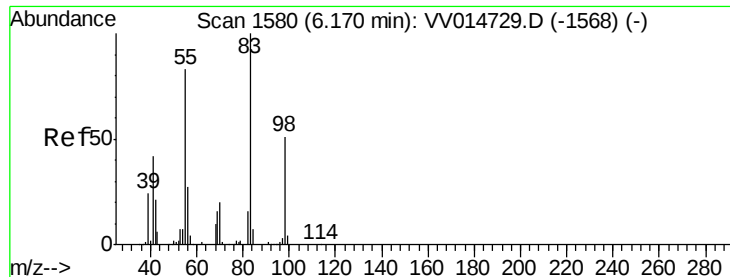
Acq: 04 Mar 2020 18:59

Tgt Ion: 78 Resp: 6123



Abundance Ion 78.10 (77.80 to 78.80): VV0

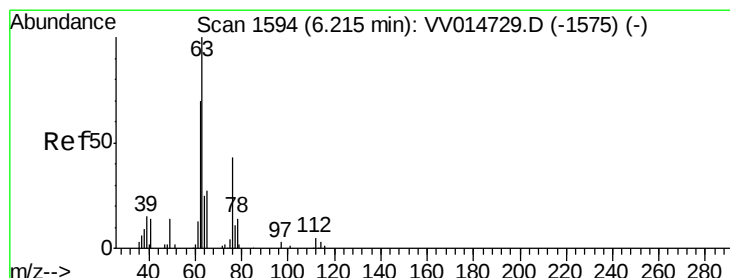
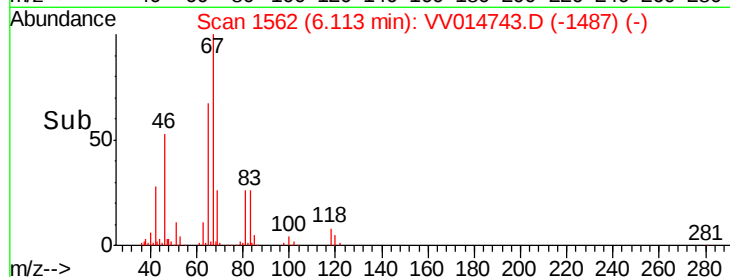
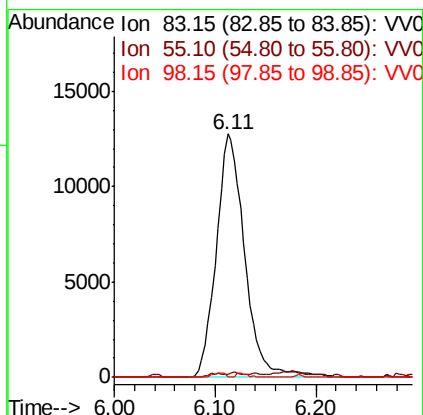
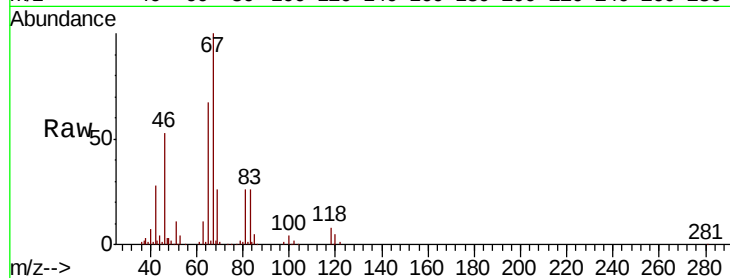




#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

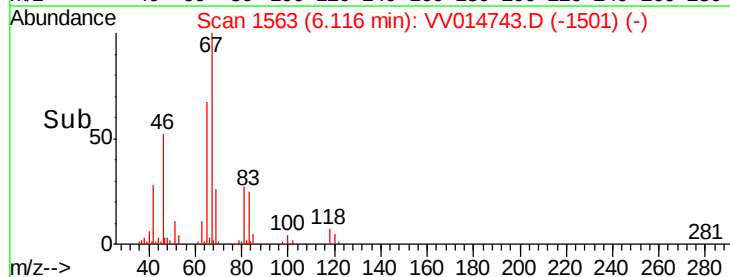
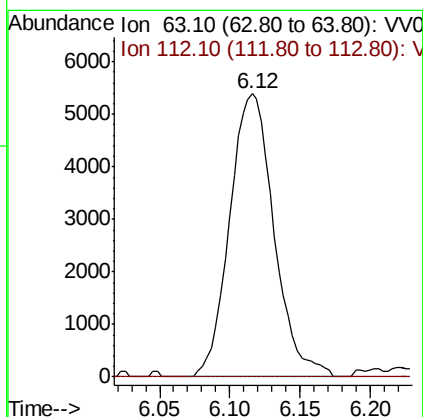
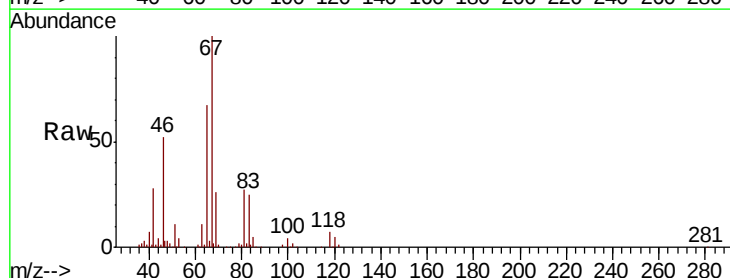
Instrument :
MSVOA_V
ClientSampleId :

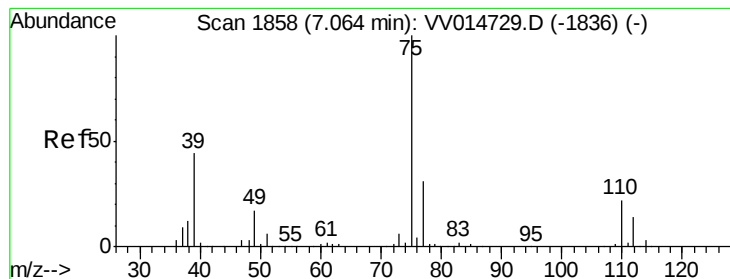
Tot Ion: 83 Resp: 25051
Ion Ratio Lower Upper
83 100
55 0.8 64.6 96.8#
98 0.6 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

Tgt Ion: 63 Resp: 11840
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



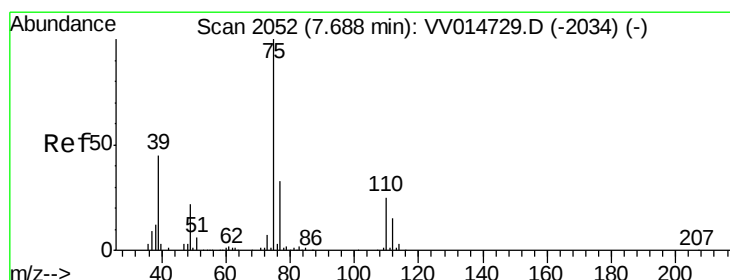
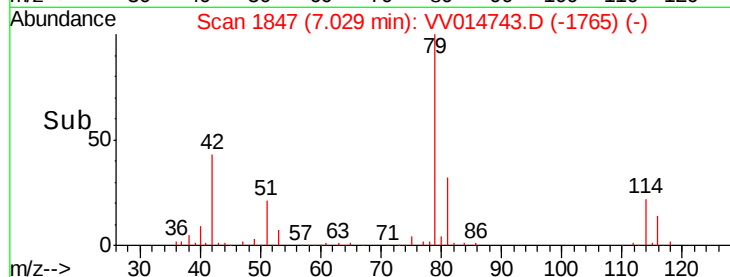
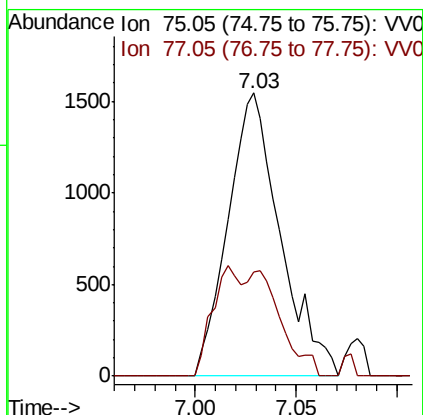
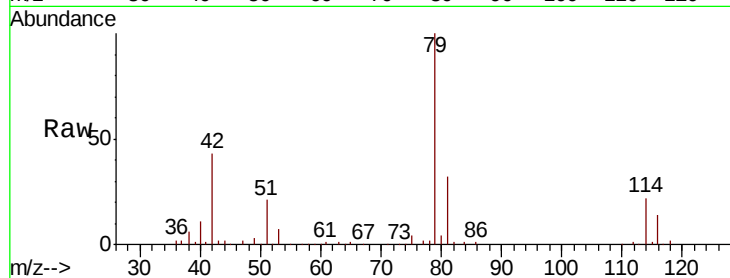


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :

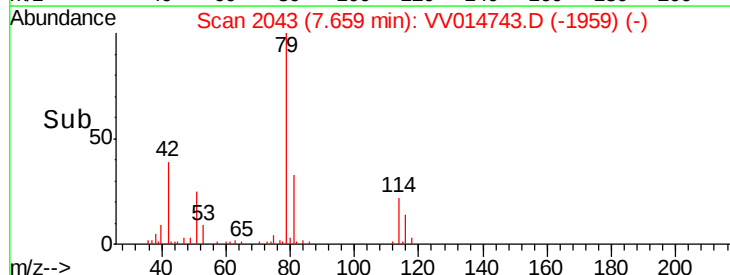
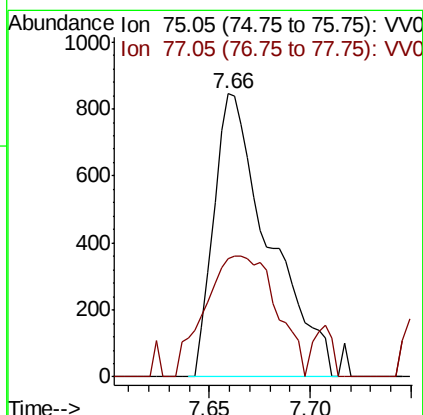
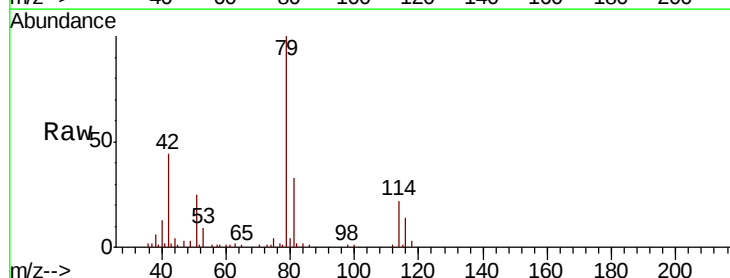
Tot Ion: 75 Resp: 2801
Ion Ratio Lower Upper
75 100
77 37.0 23.0 42.8

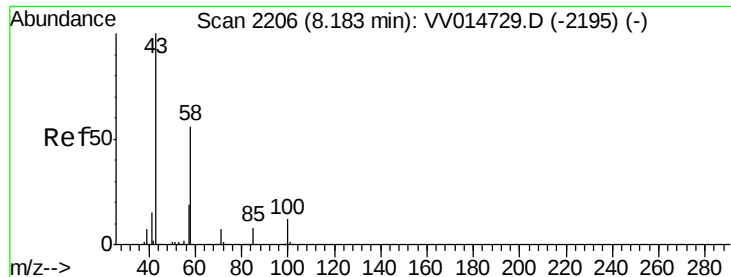


#44

trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

Tgt Ion: 75 Resp: 1610
Ion Ratio Lower Upper
75 100
77 41.7 22.5 41.9

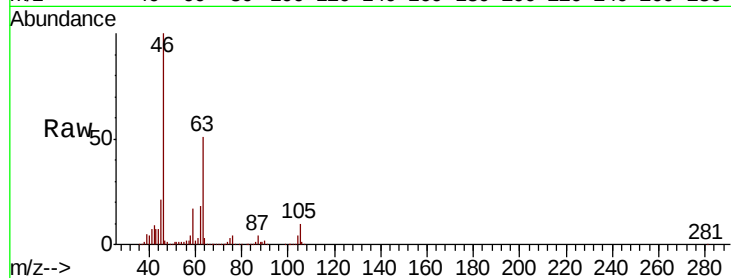




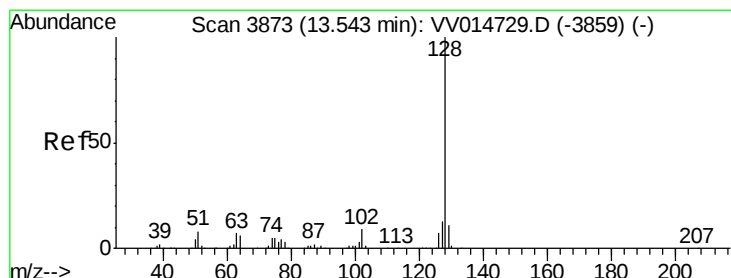
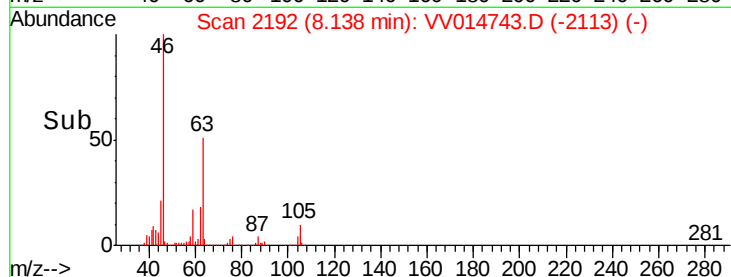
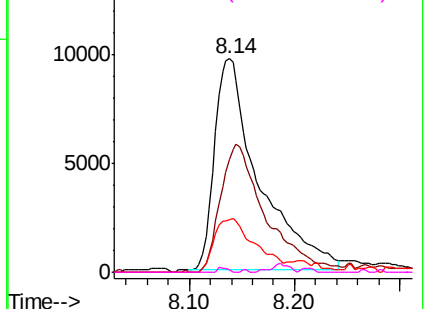
#48
2-Hexanone
Concen: 3.507 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 28529
Ion Ratio Lower Upper
43 100
58 61.2 43.1 64.7
57 23.1 14.6 21.8#
100 0.2 9.0 13.4#

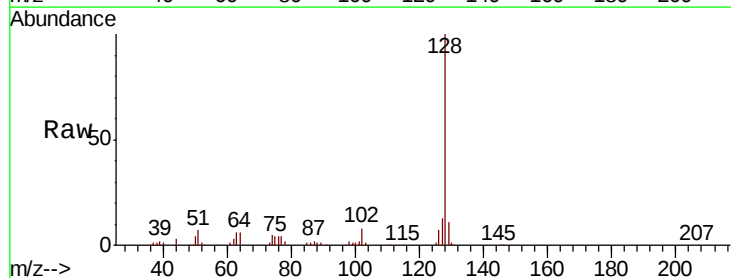


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#69
Naphthalene
Concen: 1.714 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV014743.D
Acq: 04 Mar 2020 18:59

Tgt Ion: 128 Resp: 74741
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

