

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014737.D
 Acq On : 04 Mar 2020 16:14
 Operator : SY/MD
 Sample : L1708-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:30:43 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	245243	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	236075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76183	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.59	69	64974	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	99171	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.96	46	192314	48.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.40	84	154773	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	82611	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	322186	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	102539	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	283220	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	34994	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	120429	35.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	71101	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	105993	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

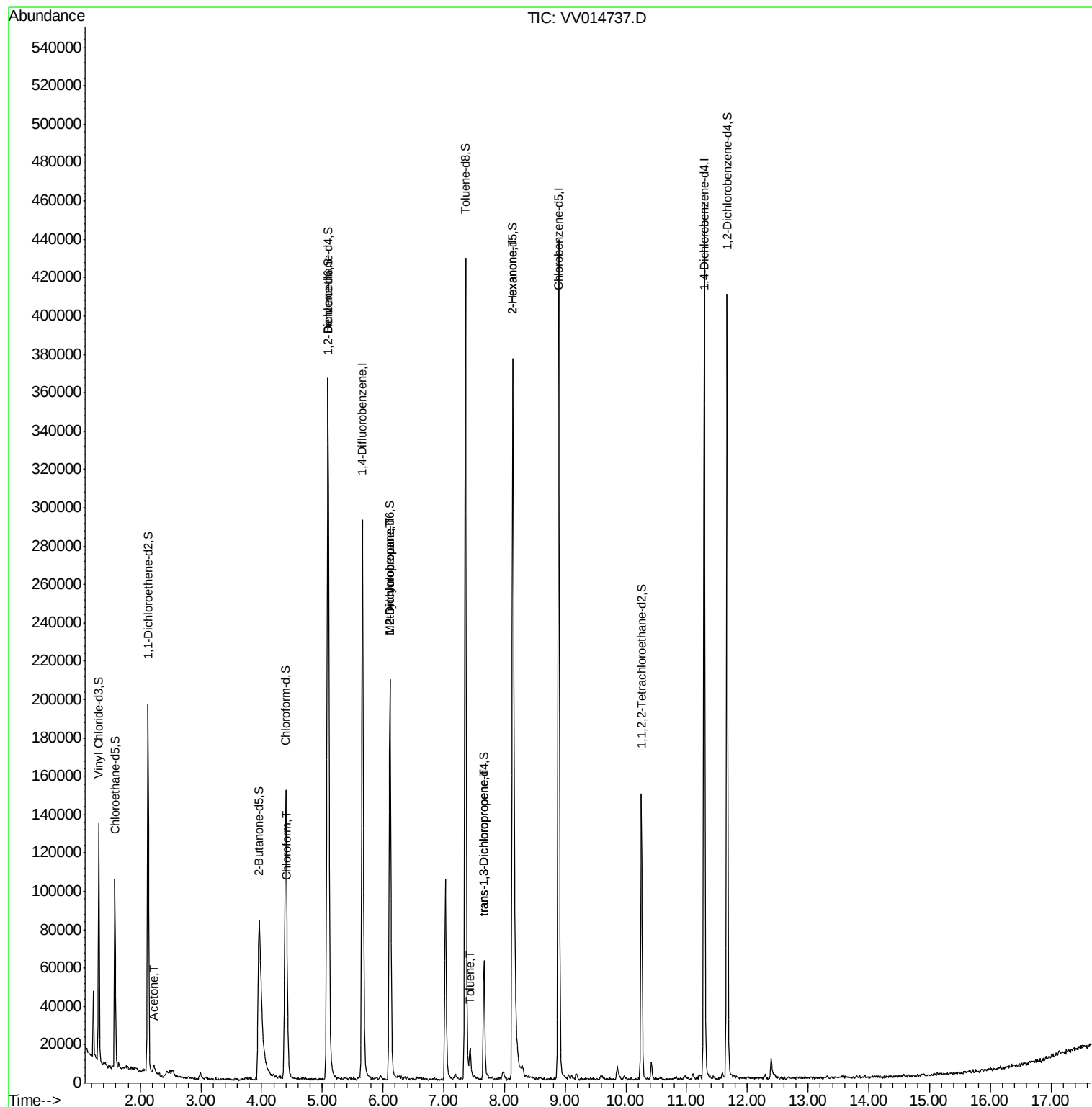
					Ovalue
13) Acetone	2.22	43	9664	3.618	ug/L 87
25) Chloroform	4.43	83	7822	0.218	ug/L 94
35) Methylcyclohexane	6.12	83	24425	0.707	ug/L # 18
37) 1,2-Dichloropropane	6.11	63	11813	0.597	ug/L # 88
42) Toluene	7.43	91	10689	0.130	ug/L 85
44) trans-1,3-Dichloropropene	7.66	75	1774	0.080	ug/L # 69
48) 2-Hexanone	8.14	43	18627	2.205	ug/L # 67

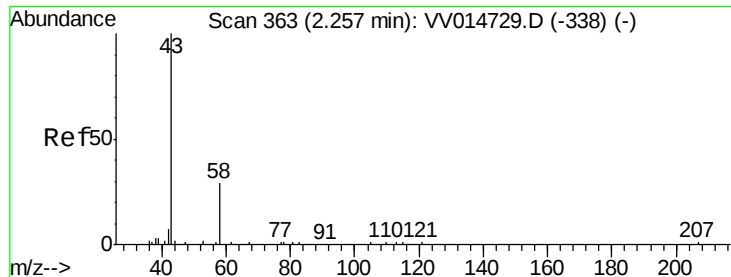
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.618 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.04 min

Lab File: VV014737.D

Acq: 04 Mar 2020 16:14

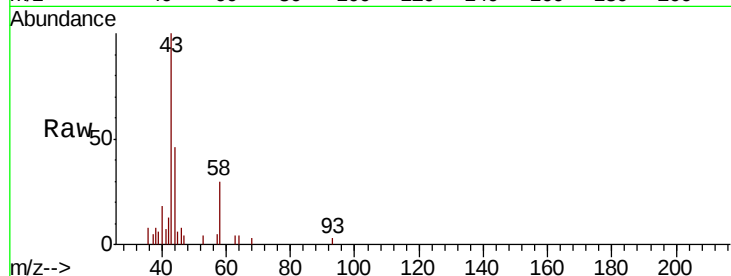
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9664

Ion Ratio Lower Upper

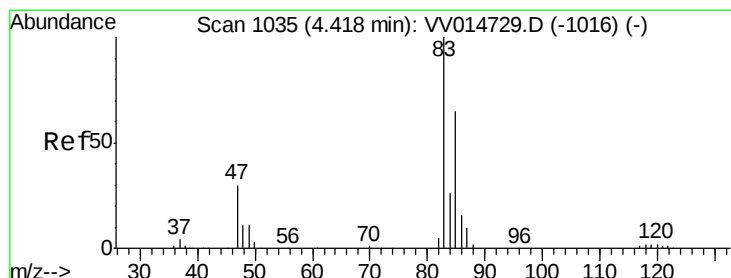
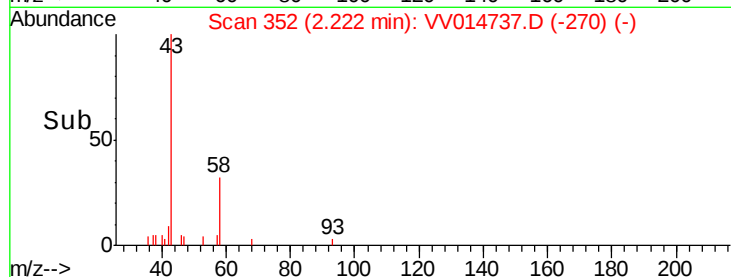
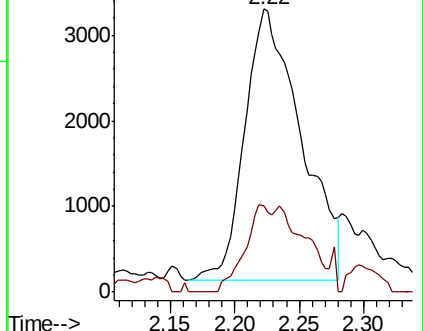
43 100

58 15.0 0.0 20.0



Abundance Ion 43.05 (42.75 to 43.75): VV014729.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV014729.D (-338) (-)



#25

Chloroform

Concen: 0.218 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014737.D

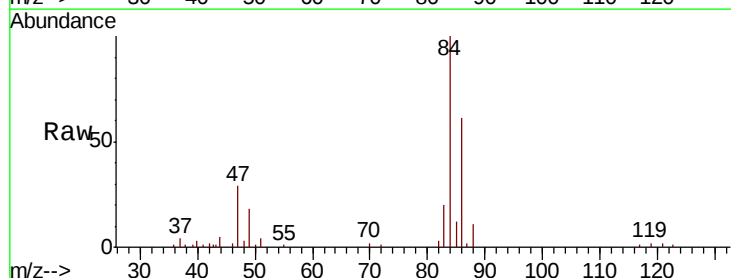
Acq: 04 Mar 2020 16:14

Tgt Ion: 83 Resp: 7822

Ion Ratio Lower Upper

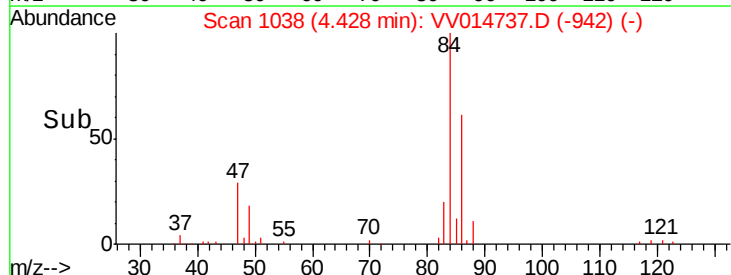
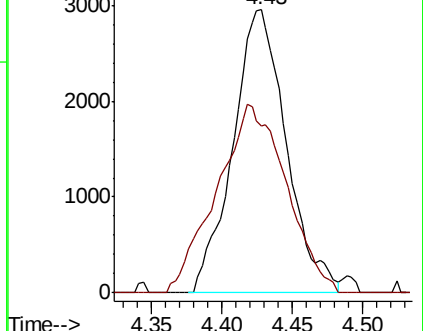
83 100

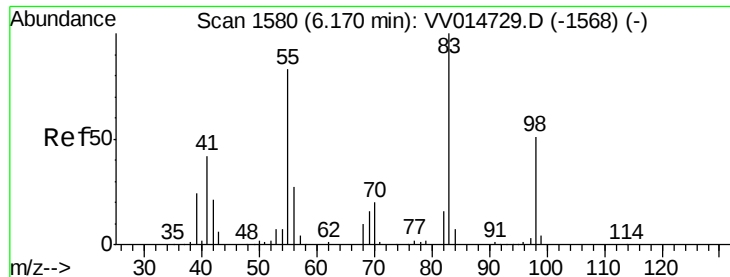
85 58.9 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VV014729.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV014729.D (-1016) (-)

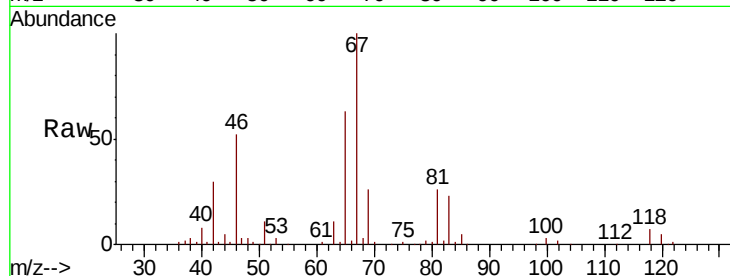




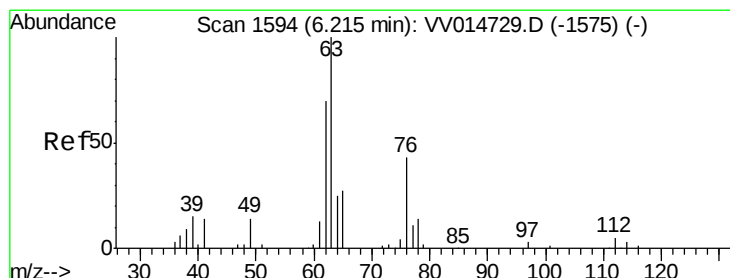
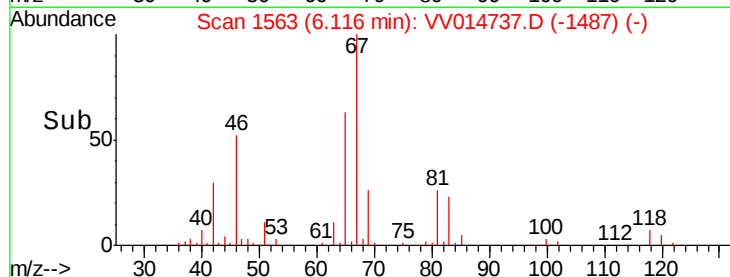
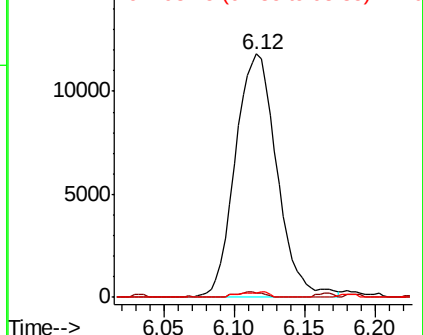
#35
Methvlcvclohexane
Concen: 0.707 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014737.D
Acq: 04 Mar 2020 16:14

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 24425
Ion Ratio Lower Upper
83 100
55 1.4 64.6 96.8#
98 1.5 37.8 56.8#

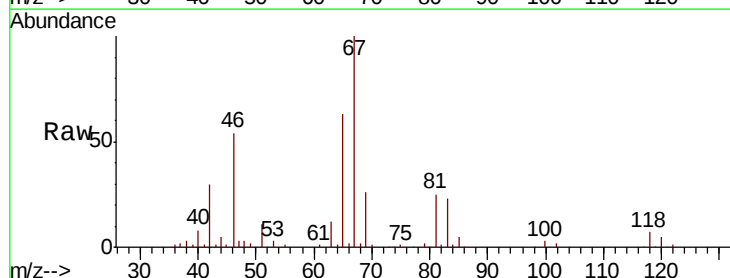


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

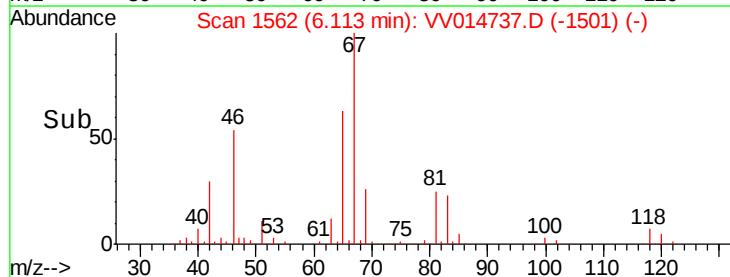
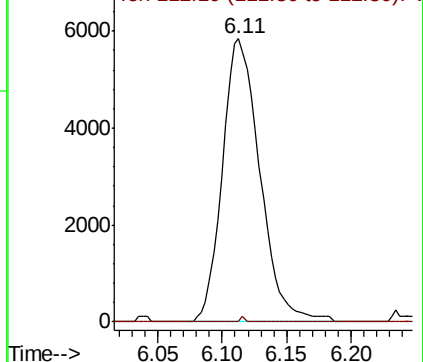


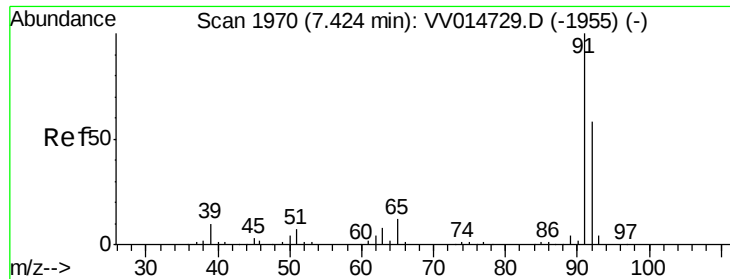
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014737.D
Acq: 04 Mar 2020 16:14

Tgt Ion: 63 Resp: 11813
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.0#



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





#42

Toluene

Concen: 0.130 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014737.D

Acq: 04 Mar 2020 16:14

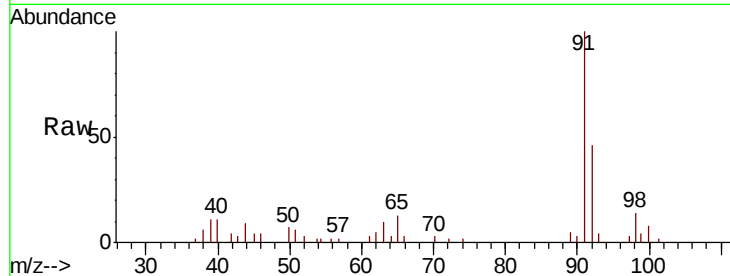
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 10689

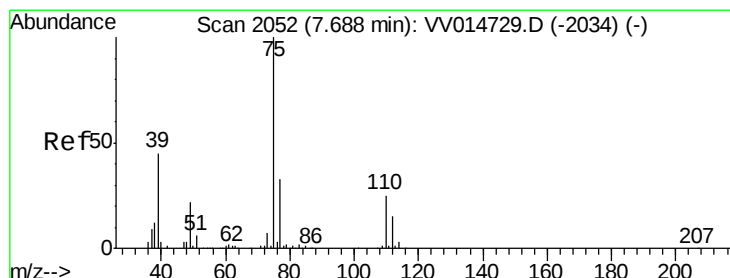
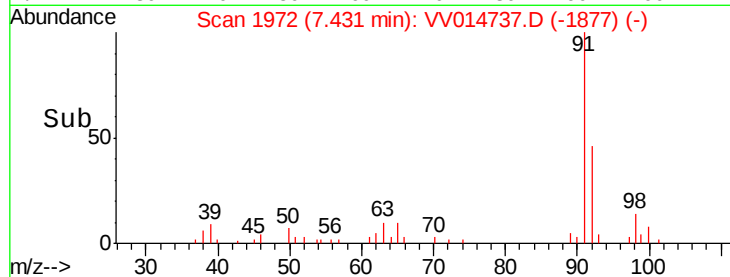
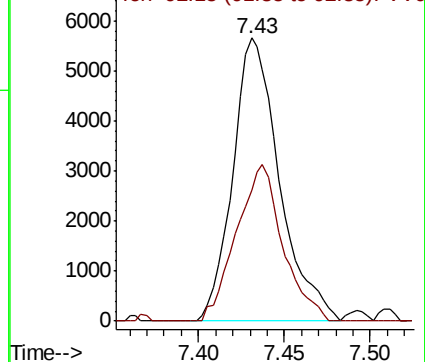
Ion Ratio Lower Upper

91 100

92 46.3 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014737.D

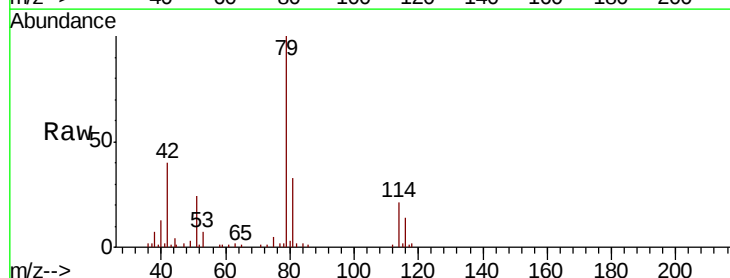
Acq: 04 Mar 2020 16:14

Tgt Ion: 75 Resp: 1774

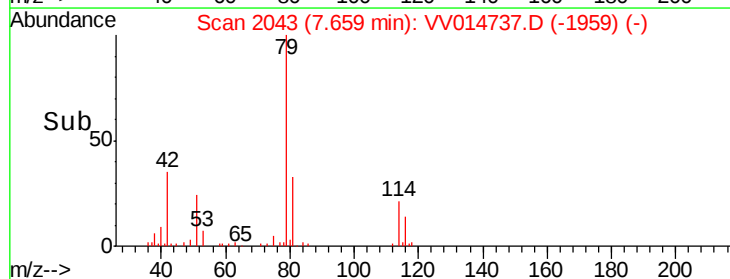
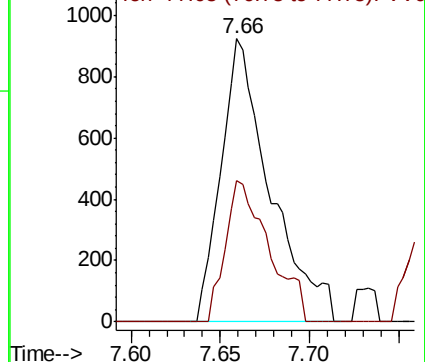
Ion Ratio Lower Upper

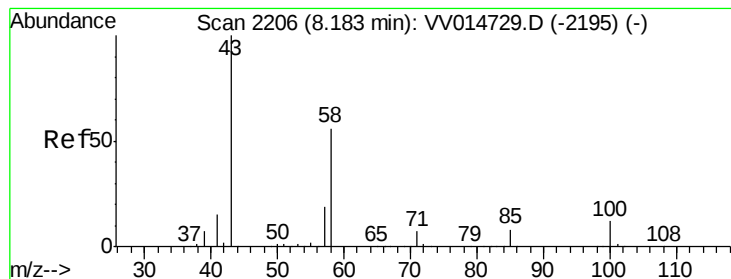
75 100

77 49.7 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.205 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV014737.D
 Acq: 04 Mar 2020 16:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	18627
Ion	Ratio	Lower	Upper
43	100		
58	82.9	43.1	64.7#
57	24.0	14.6	21.8#
100	0.5	9.0	13.4#

