

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014745.D
 Acq On : 04 Mar 2020 19:46
 Operator : SY/MD
 Sample : L1782-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:31:45 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	241990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112390	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72861	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	63986	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	95665	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.96	46	191828	48.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.40	84	145047	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.08	65	83275	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	314928	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	100850	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	280583	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.66	79	35188	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	133854	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	70519	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	107212	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

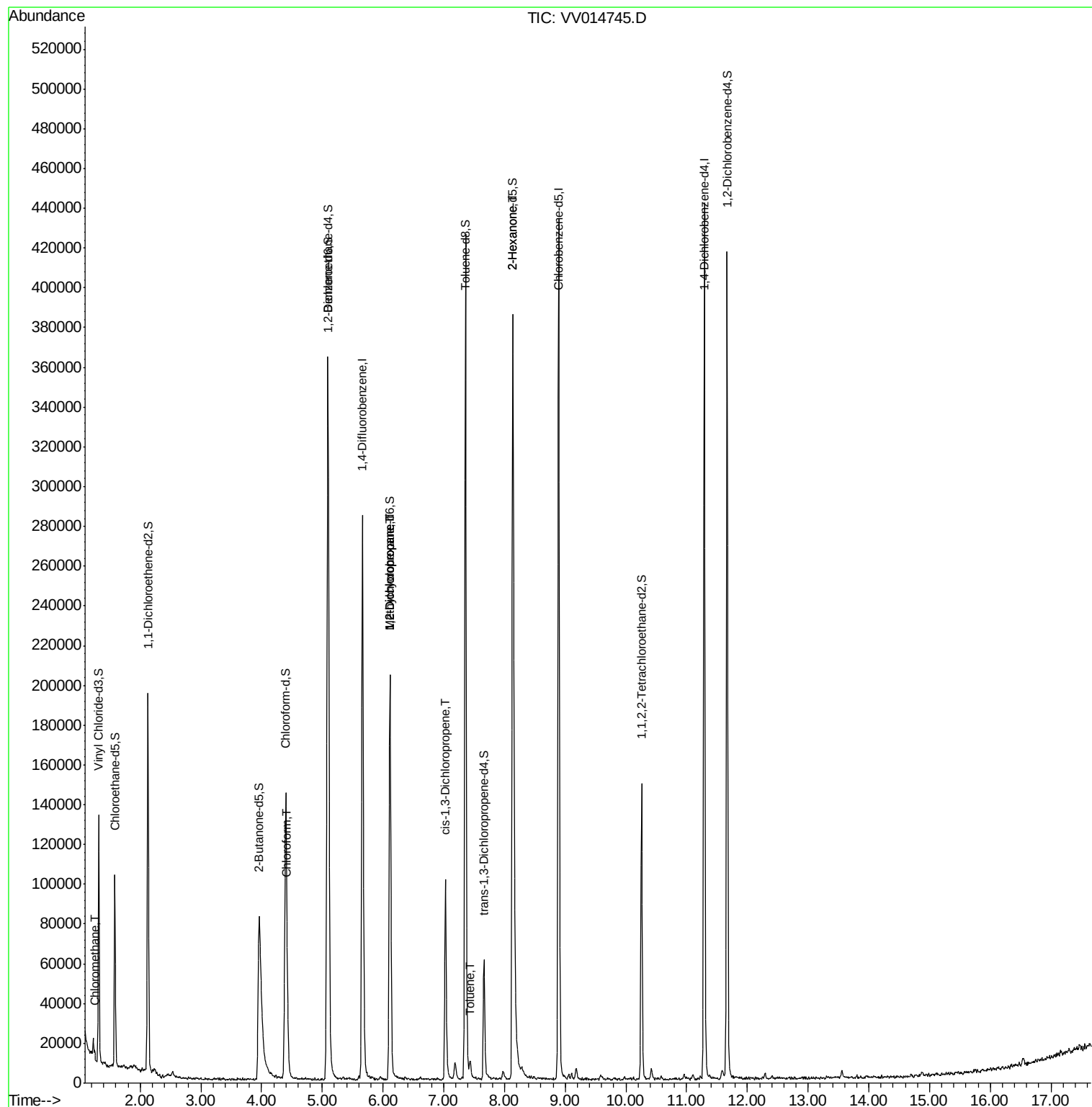
					Ovalue
3) Chloromethane	1.25	50	2536	0.104 ug/L	99
25) Chloroform	4.43	83	16038	0.453 ug/L	93
35) Methylcyclohexane	6.12	83	24263	0.717 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	11281	0.581 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2920	0.104 ug/L #	59
42) Toluene	7.43	91	5681	0.071 ug/L	95
48) 2-Hexanone	8.14	43	26546	3.207 ug/L #	92

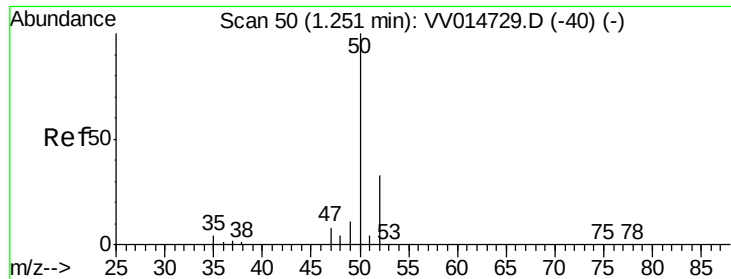
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.104 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014745.D

Acq: 04 Mar 2020 19:46

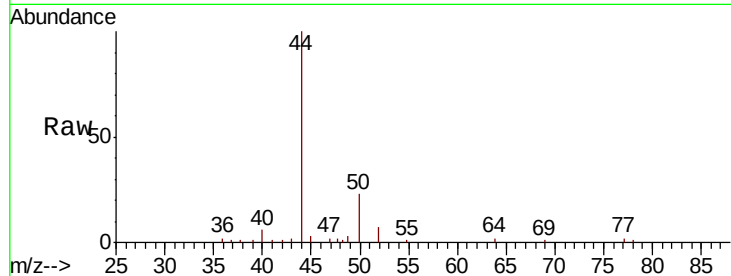
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 2536

Ion Ratio Lower Upper

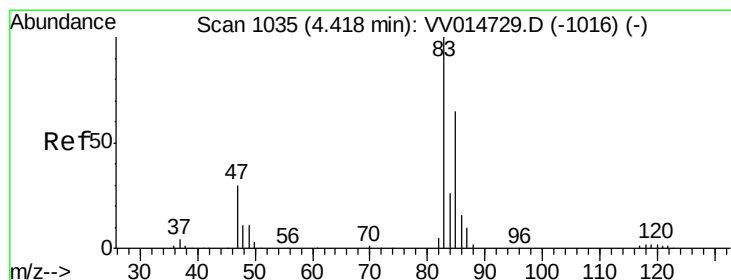
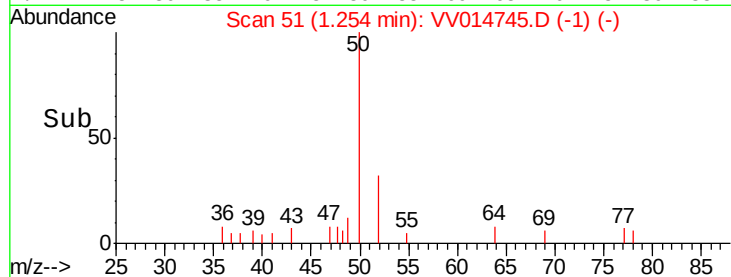
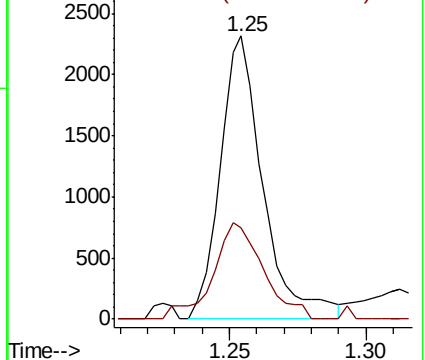
50 100

52 32.4 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#25

Chloroform

Concen: 0.453 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014745.D

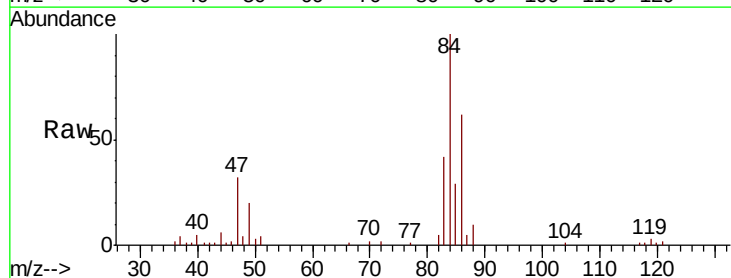
Acq: 04 Mar 2020 19:46

Tgt Ion: 83 Resp: 16038

Ion Ratio Lower Upper

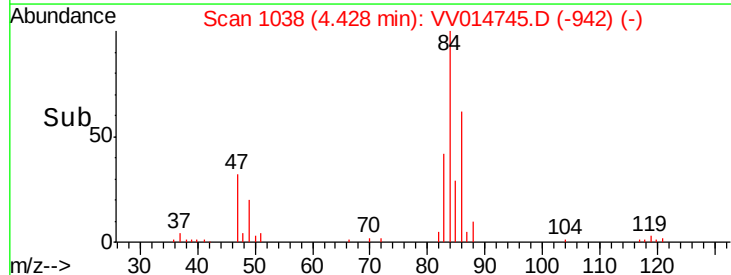
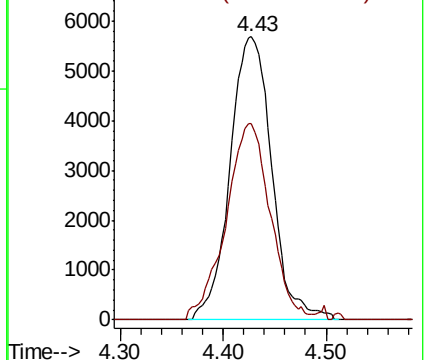
83 100

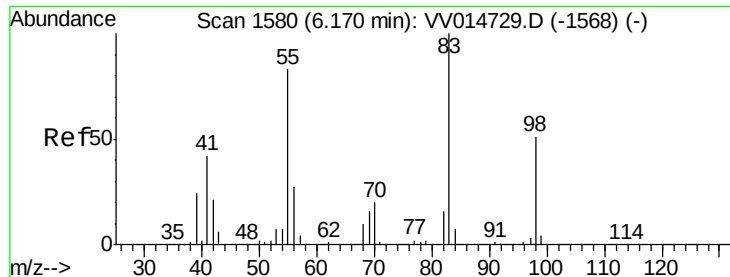
85 69.2 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

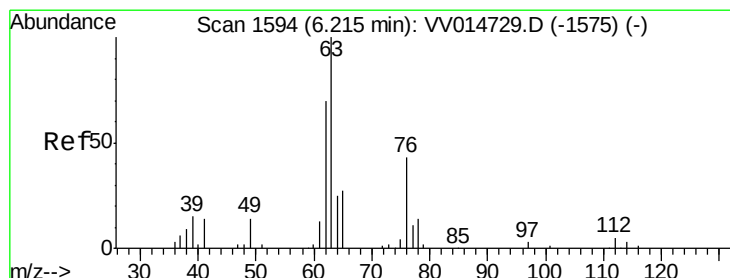
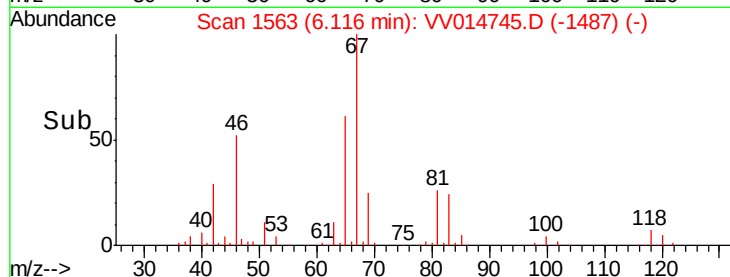
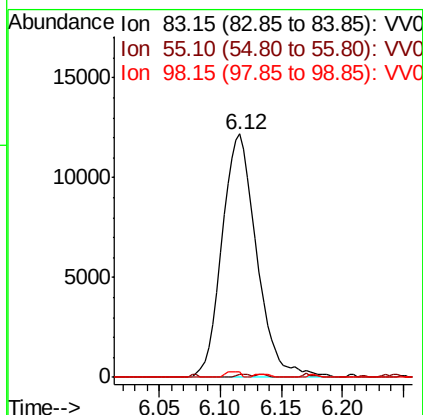
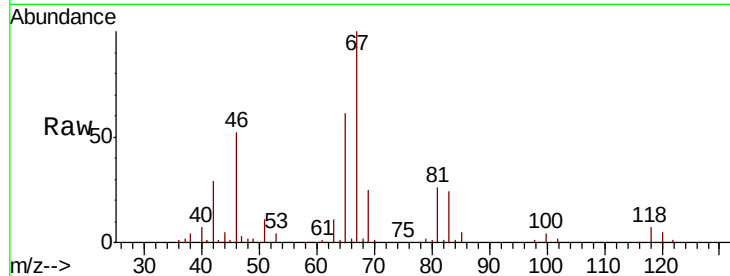




#35
Methylvlcyclohexane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014745.D
Acq: 04 Mar 2020 19:46

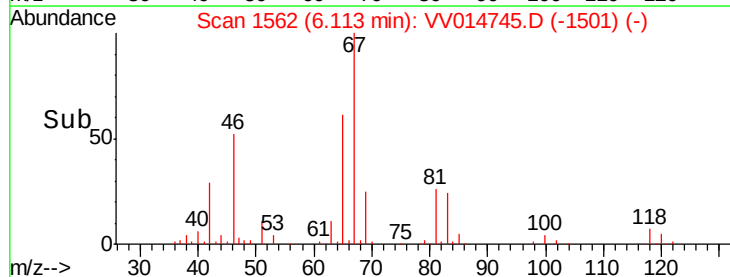
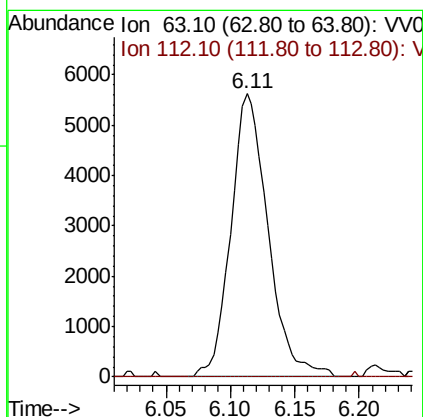
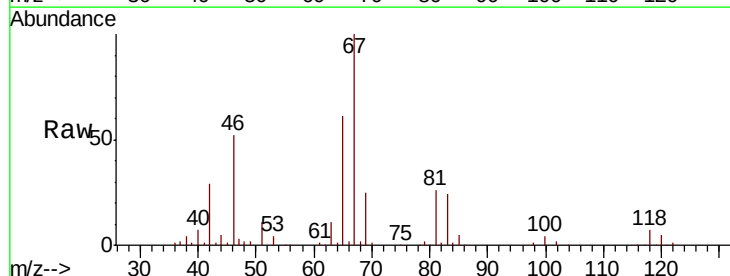
Instrument :
MSVOA_V
ClientSampleId :

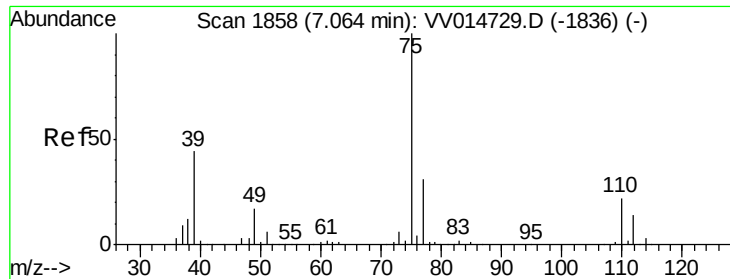
Tot Ion: 83 Resp: 24263
Ion Ratio Lower Upper
83 100
55 0.6 64.6 96.8#
98 1.0 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014745.D
Acq: 04 Mar 2020 19:46

Tgt Ion: 63 Resp: 11281
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.0#

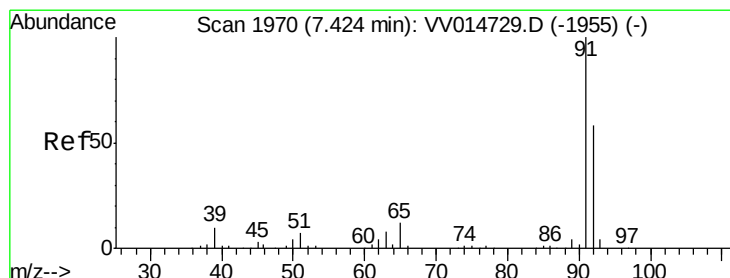
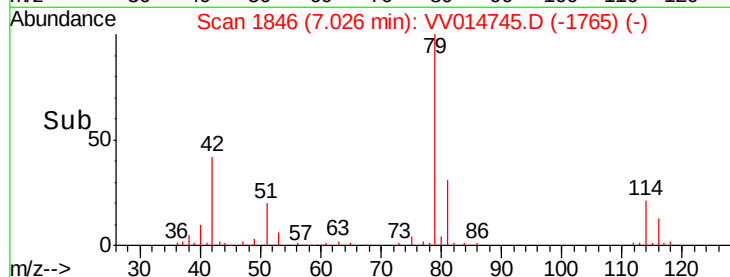
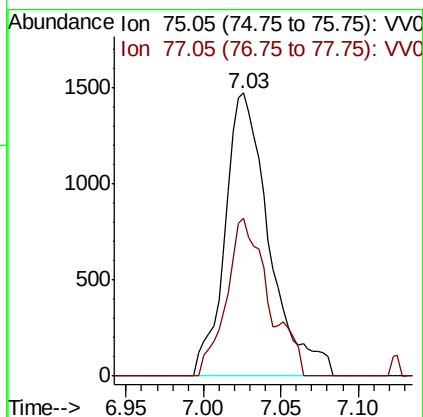
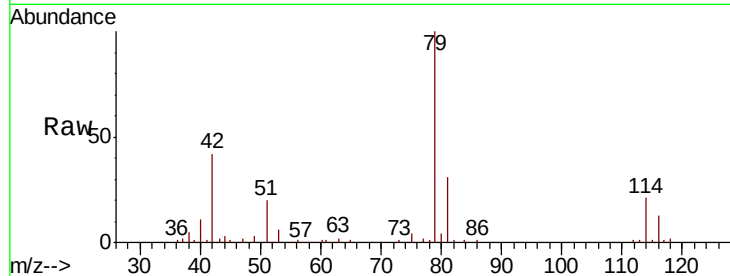




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014745.D
 Acq: 04 Mar 2020 19:46

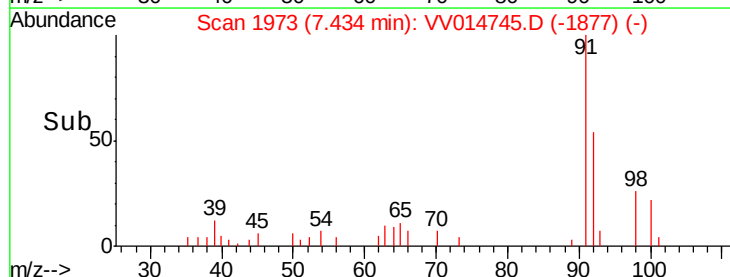
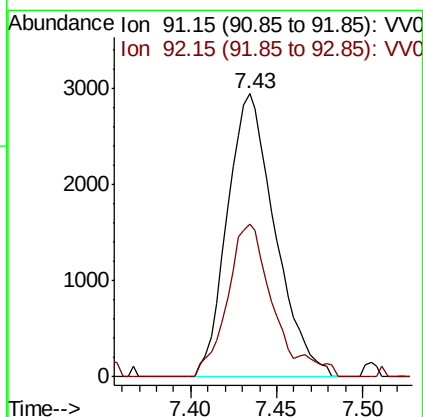
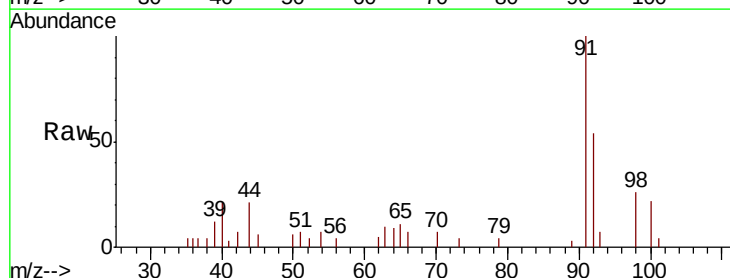
Instrument :
 MSVOA_V
 ClientSampled :

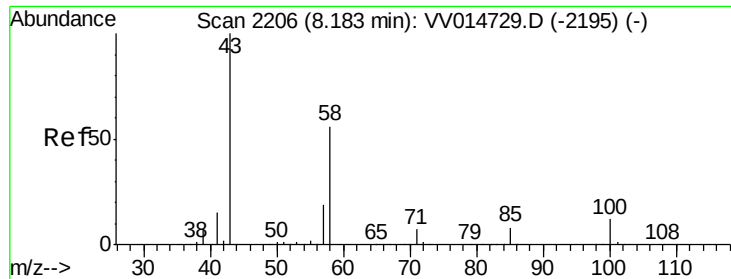
Tot Ion: 75 Resp: 2920
 Ion Ratio Lower Upper
 75 100
 77 56.0 23.0 42.8#



#42
 Toluene
 Concen: 0.071 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV014745.D
 Acq: 04 Mar 2020 19:46

Tgt Ion: 91 Resp: 5681
 Ion Ratio Lower Upper
 91 100
 92 54.1 40.3 74.9





#48

2-Hexanone

Concen: 3.207 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014745.D

Acq: 04 Mar 2020 19:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	26546
Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.1	64.7
57	26.6	14.6	21.8#
100	0.4	9.0	13.4#

