

Data File : VV013566.D
Acq On : 09 Nov 2019 02:57
Operator : SY/MD
Sample : K5747-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J11

Quant Time: Nov 09 04:24:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	381706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	171542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81464	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	76774	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	104211	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.92	46	305983	53.05	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	4.40	84	200172	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	114225	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	370847	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.11	67	130627	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	276261	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.66	79	43736	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.13	63	173539	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94648	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	145172	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

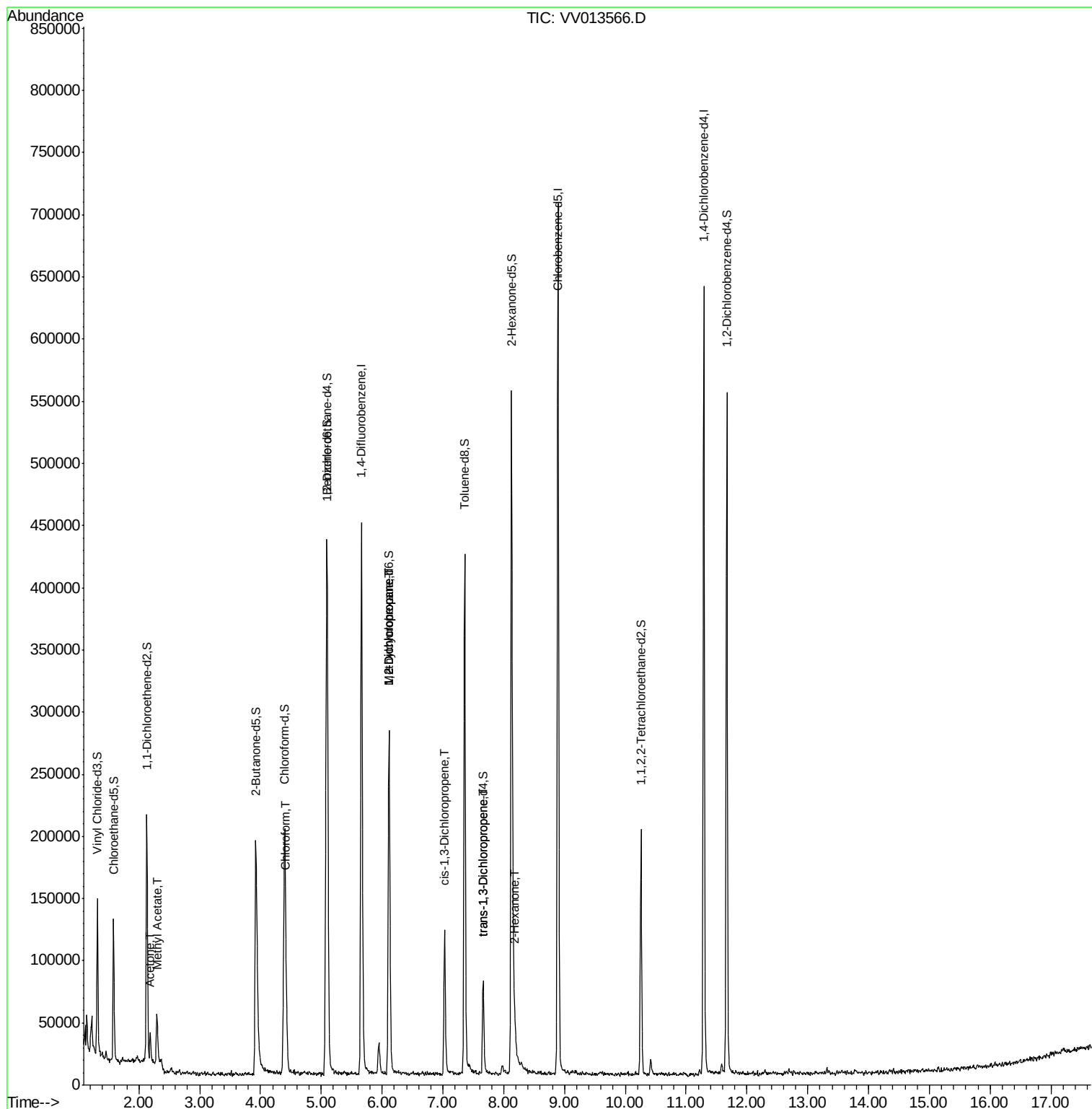
					Qvalue
13) Acetone	2.18	43	24568	7.022 ug/L	97
15) Methyl Acetate	2.30	43	7909	0.756 ug/L #	52
25) Chloroform	4.42	83	25011	0.432 ug/L	97
35) Methylcyclohexane	6.11	83	32486	0.667 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15329	0.524 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	3658	0.090 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	1881	0.059 ug/L	85
48) 2-Hexanone	8.18	43	20114	1.690 ug/L #	81

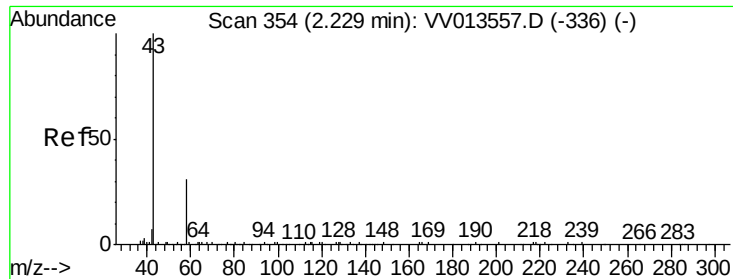
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.022 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

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Acq: 09 Nov 2019 02:57

Instrument :

MSVOA_V

ClientSampleId :

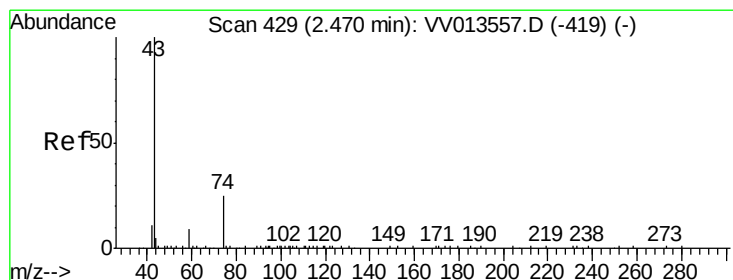
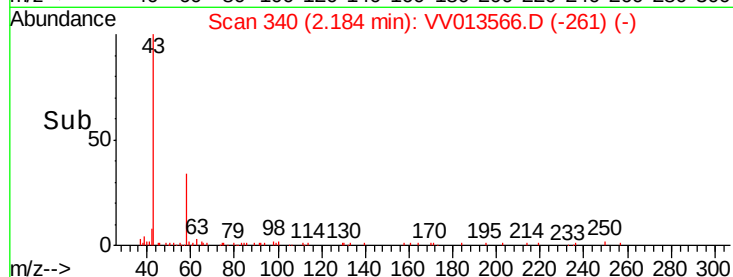
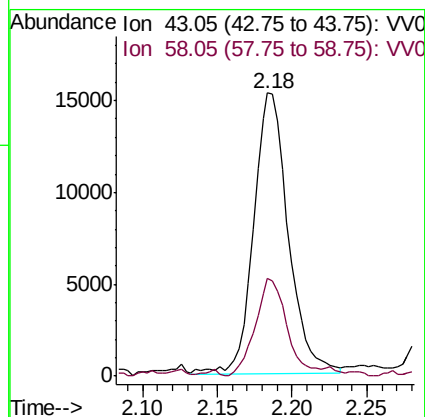
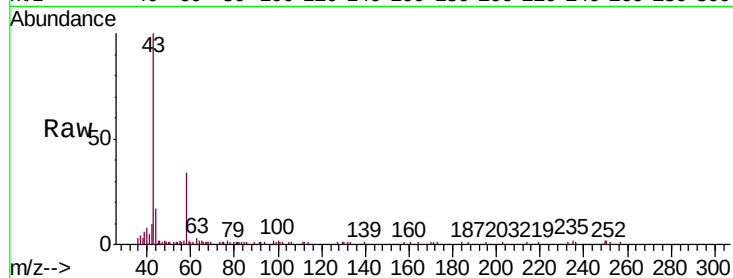
F2J11

Tgt Ion: 43 Resp: 24568

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.8



#15

Methyl Acetate

Concen: 0.756 ug/L

RT: 2.30 min Scan# 375

Delta R.T. -0.17 min

Lab File: VV013566.D

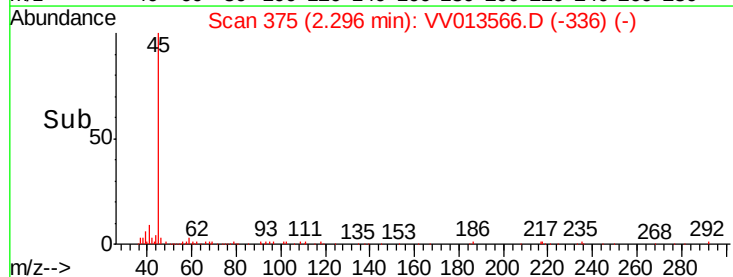
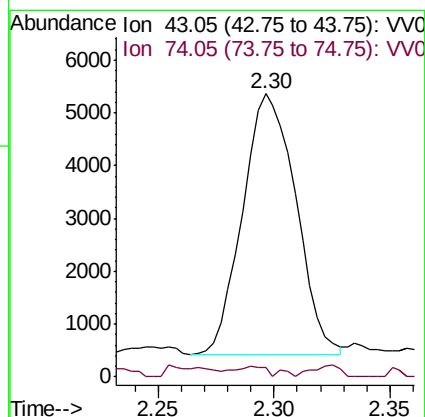
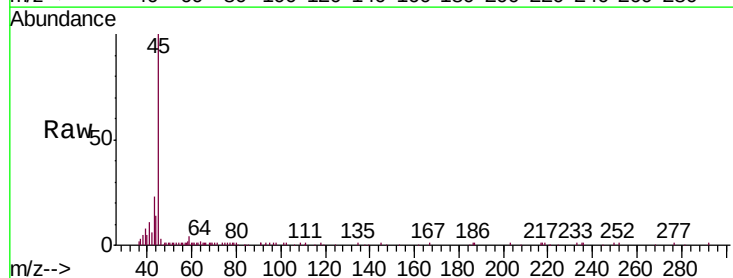
Acq: 09 Nov 2019 02:57

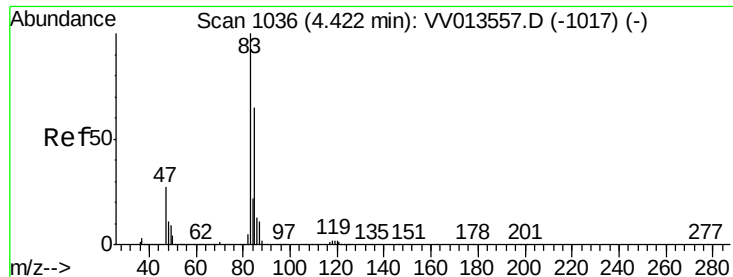
Tgt Ion: 43 Resp: 7909

Ion Ratio Lower Upper

43 100

74 0.6 19.4 29.0#

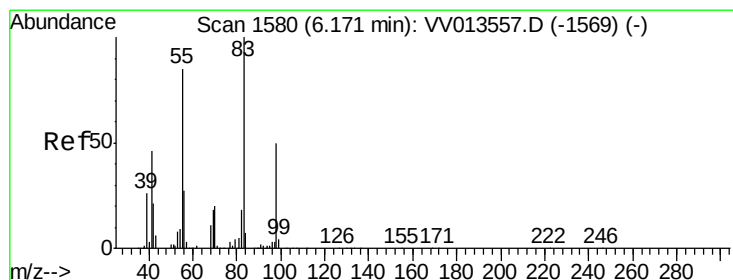
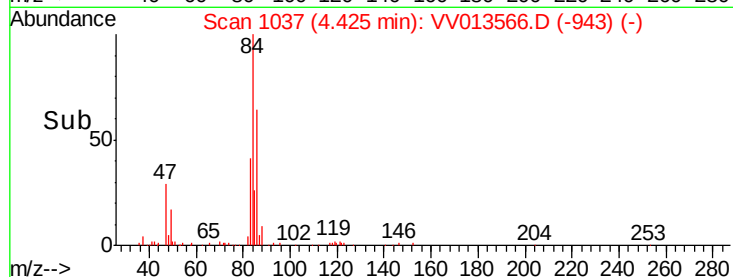
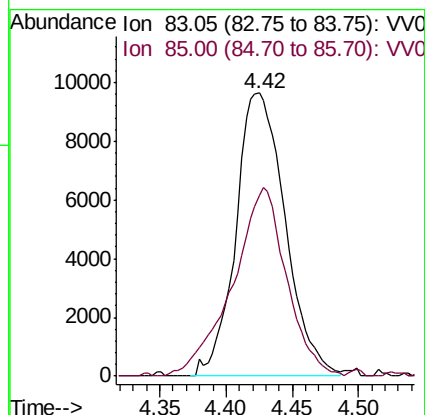
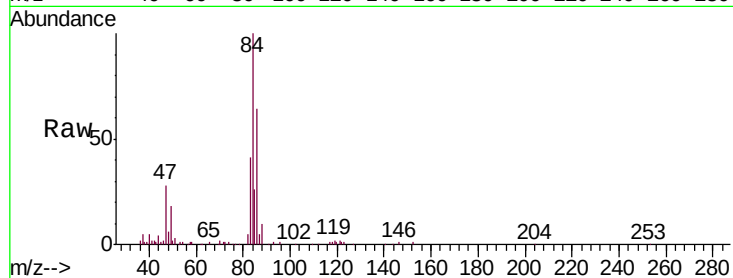




#25
Chloroform
Concen: 0.432 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013566.D
Acq: 09 Nov 2019 02:57

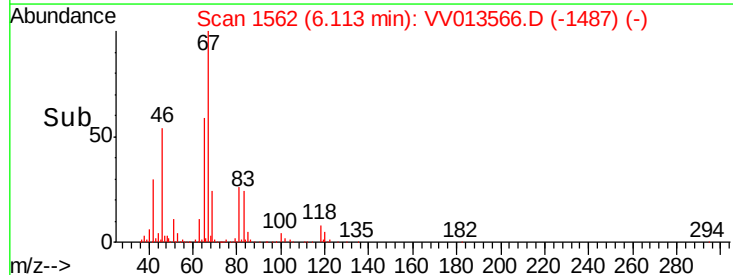
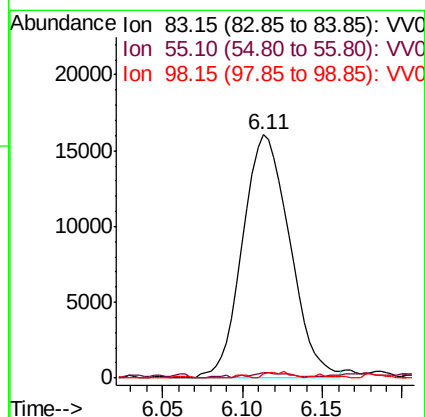
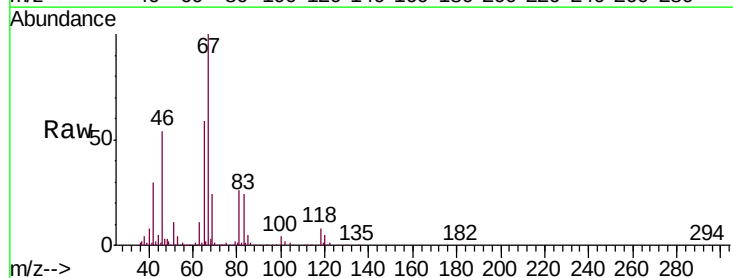
Instrument :
MSVOA_V
ClientSampled :
F2J11

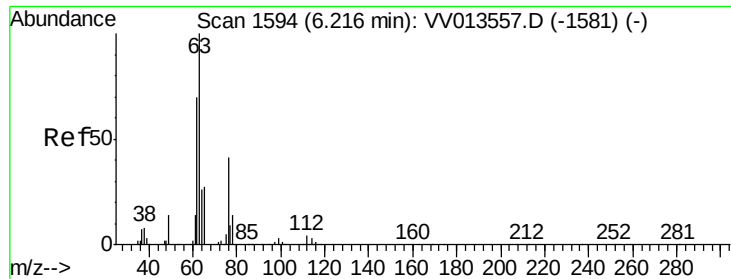
Tgt Ion: 83 Resp: 25011
Ion Ratio Lower Upper
83 100
85 63.9 46.3 86.1



#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013566.D
Acq: 09 Nov 2019 02:57

Tgt Ion: 83 Resp: 32486
Ion Ratio Lower Upper
83 100
55 2.0 63.8 95.8#
98 1.4 38.4 57.6#

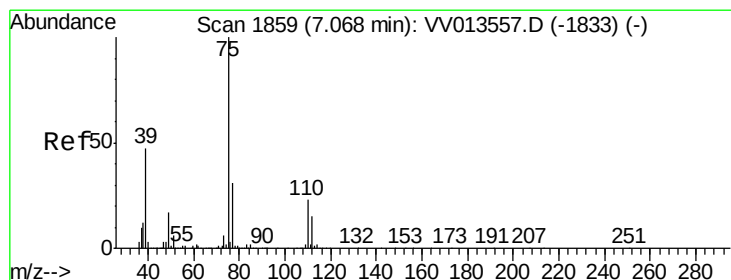
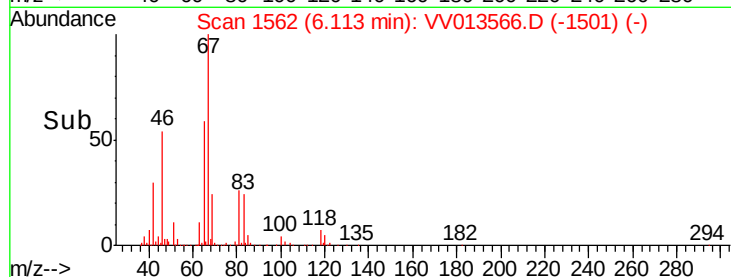
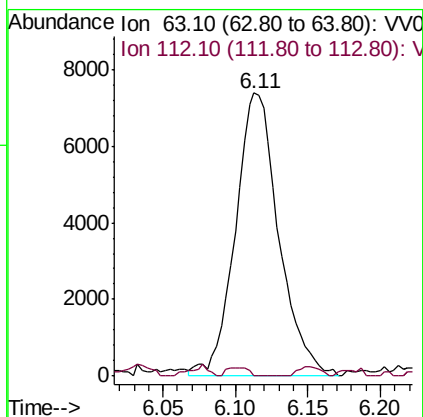
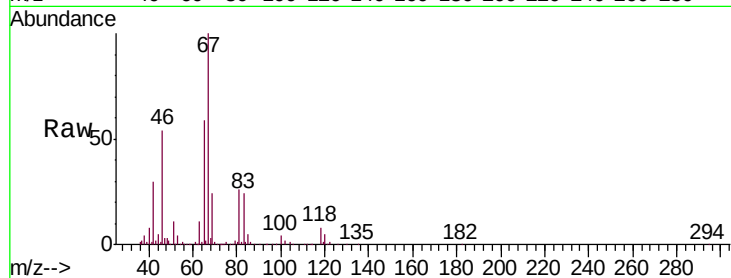




#37
 1,2-Dichloropropane
 Concen: 0.524 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013566.D
 Acq: 09 Nov 2019 02:57

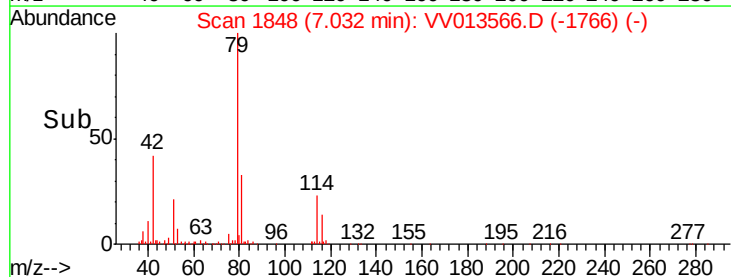
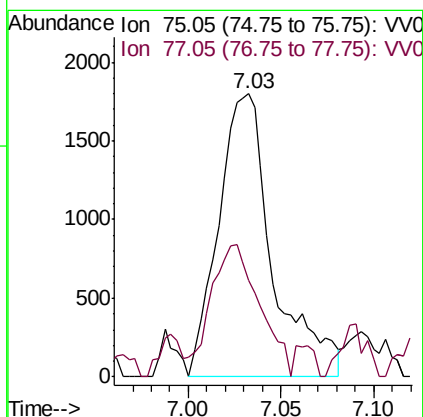
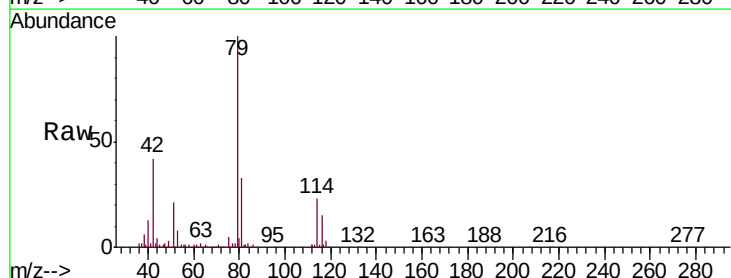
Instrument :
 MSVOA_V
 ClientSampleId :
 F2J11

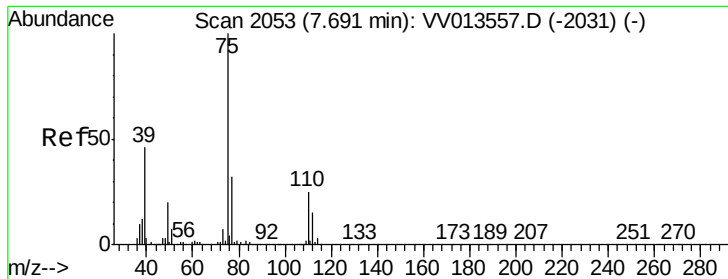
Tgt Ion: 63 Resp: 15329
 Ion Ratio Lower Upper
 63 100
 112 1.5 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV013566.D
 Acq: 09 Nov 2019 02:57

Tgt Ion: 75 Resp: 3658
 Ion Ratio Lower Upper
 75 100
 77 34.2 22.1 41.1





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013566.D

Acq: 09 Nov 2019 02:57

Instrument :

MSVOA_V

ClientSampleId :

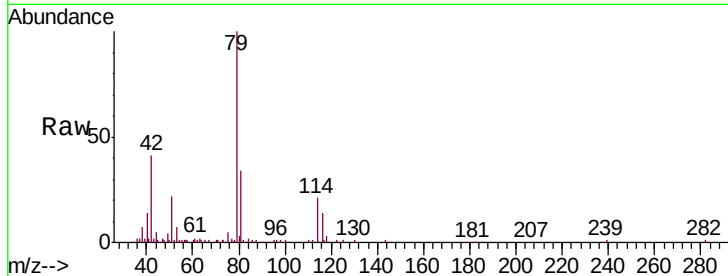
F2J11

Tgt Ion: 75 Resp: 1881

Ion Ratio Lower Upper

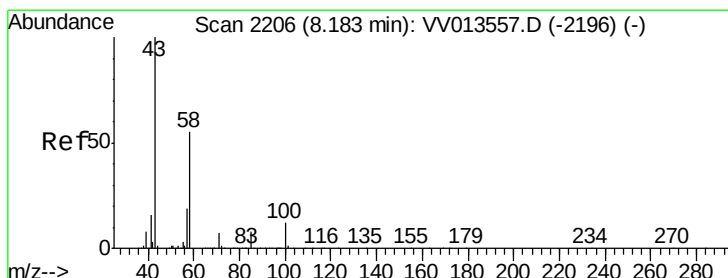
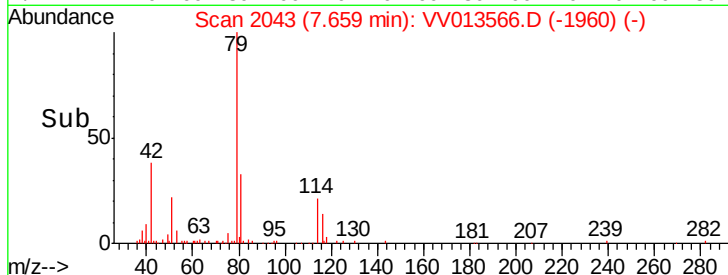
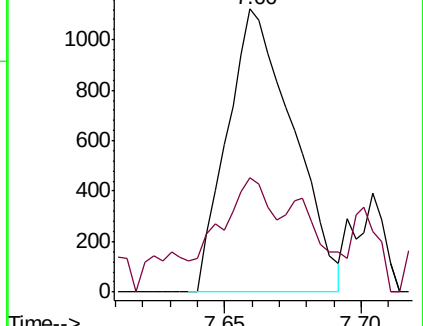
75 100

77 40.3 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.690 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013566.D

Acq: 09 Nov 2019 02:57

Tgt Ion: 43 Resp: 20114

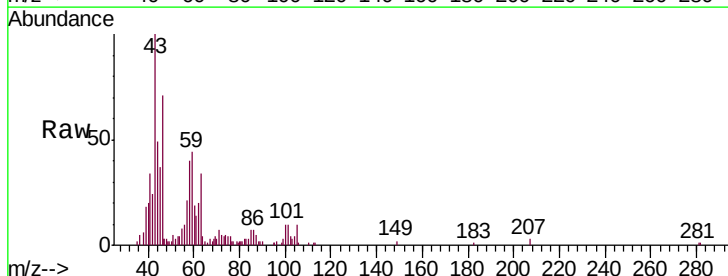
Ion Ratio Lower Upper

43 100

58 35.2 43.8 65.8#

57 17.4 15.0 22.6

100 8.4 9.8 14.6#



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

