

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012833.D
 Acq On : 16 Sep 2019 13:40
 Operator : SY/MD
 Sample : K4780-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 17:05:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136047	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	107528	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	178206	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.99	46	250955	65.52	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.04%#
24) Chloroform-d	4.40	84	216390	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	108982	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.09	84	442541	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	135064	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	352372	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	40733	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	121287	49.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72731	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	121821	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

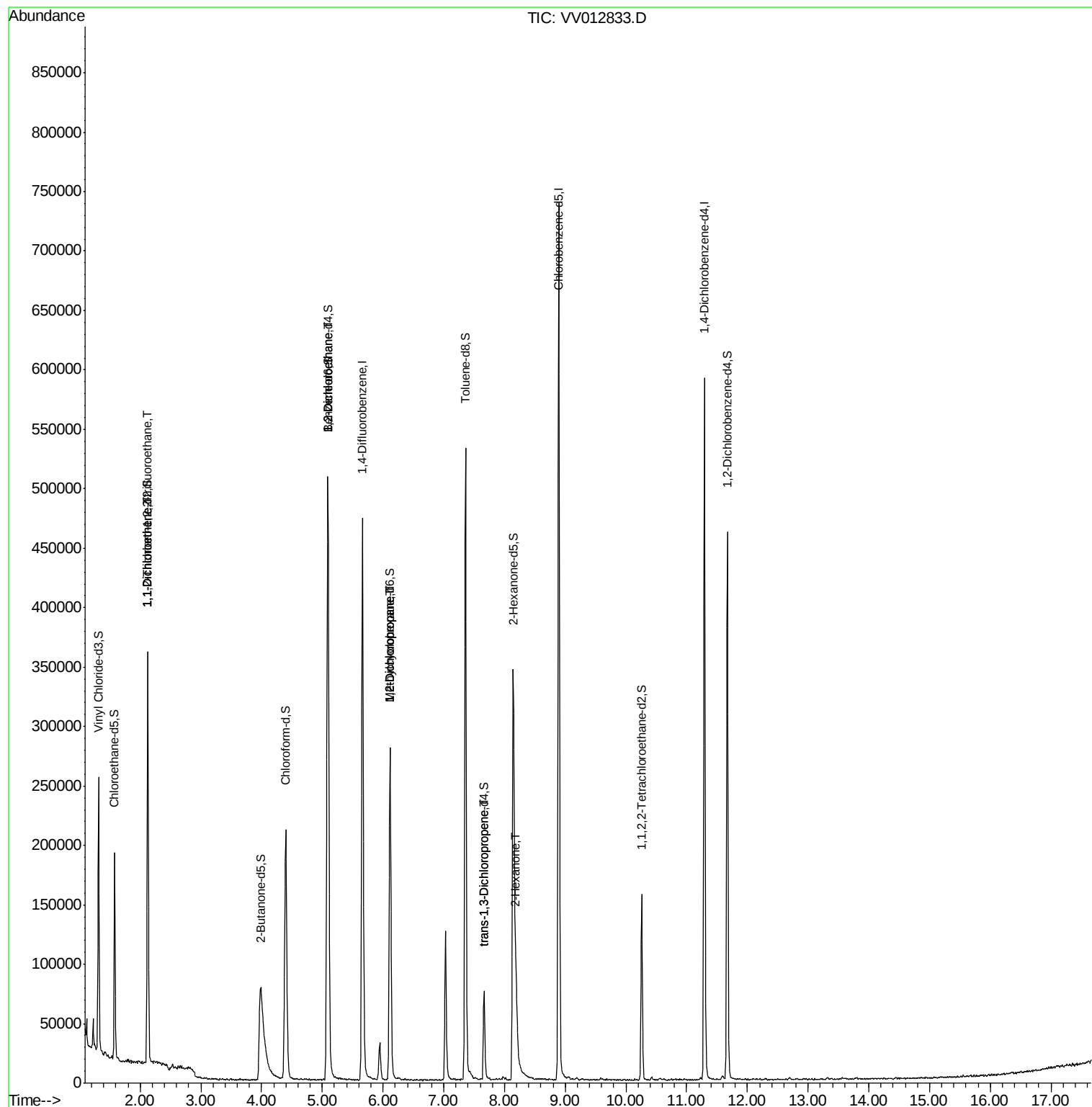
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1860	0.078 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1915	0.088 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	2644	0.093 ug/L	100
35) Methylcyclohexane	6.12	83	32189	0.902 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	15170	0.554 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1940	0.072 ug/L #	81
48) 2-Hexanone	8.19	43	51265	4.439 ug/L #	86

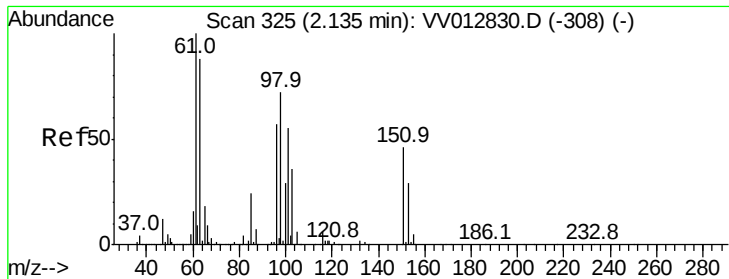
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012833.D

Acq: 16 Sep 2019 13:40

Instrument :

MSVOA_V

ClientSampleId :

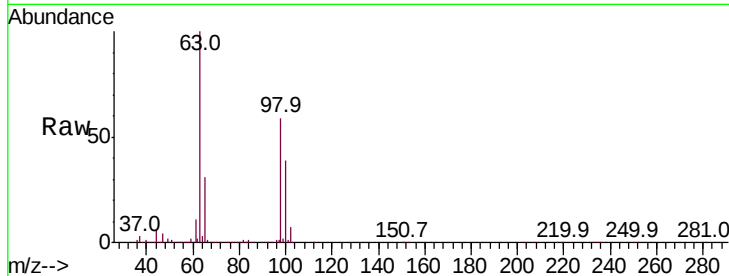
Tot Ion:101 Resp: 1860

Ion Ratio Lower Upper

101 100

85 2.2 32.9 49.3#

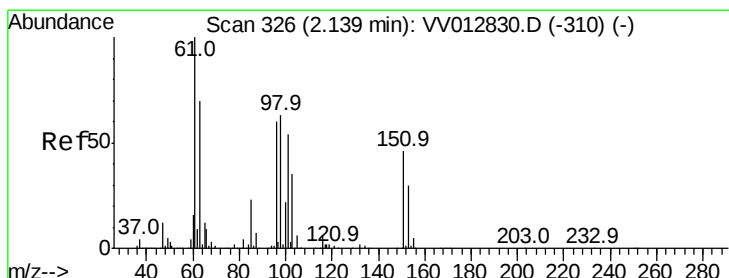
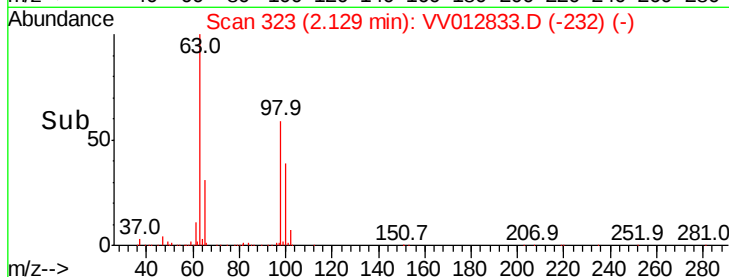
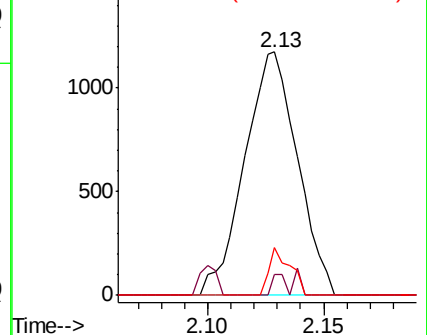
151 7.8 65.0 97.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012833.D

Acq: 16 Sep 2019 13:40

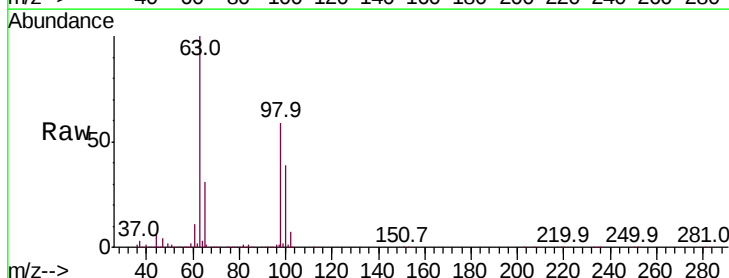
Tgt Ion: 96 Resp: 1915

Ion Ratio Lower Upper

96 100

61 1199.3 120.1 223.1#

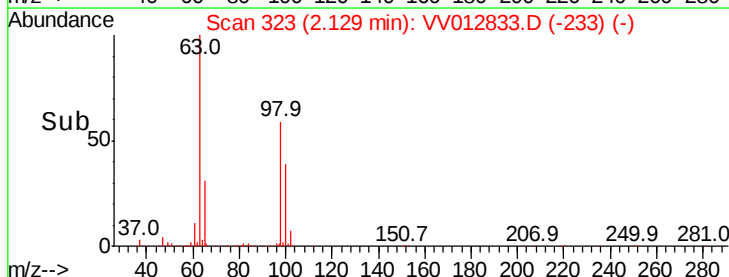
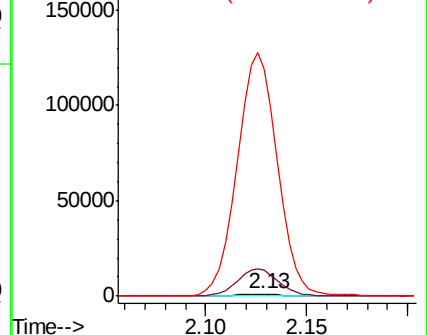
63 10515.0 88.3 164.1#

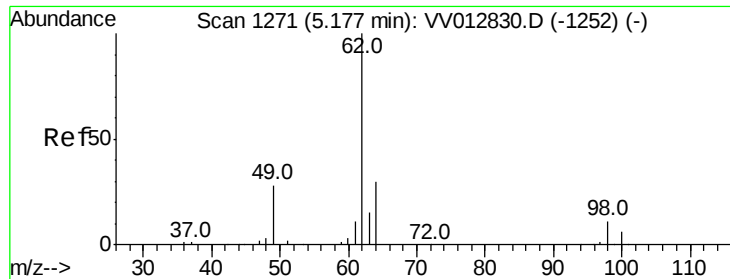


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

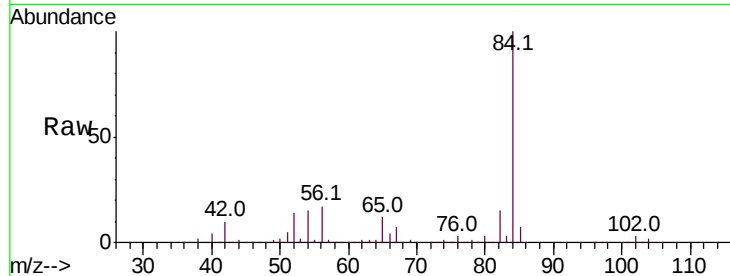




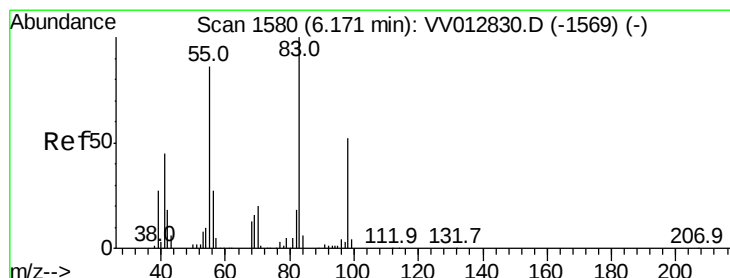
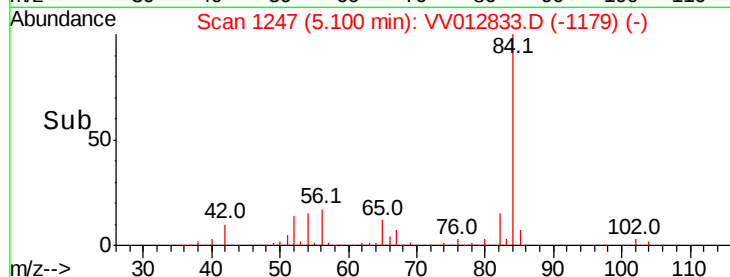
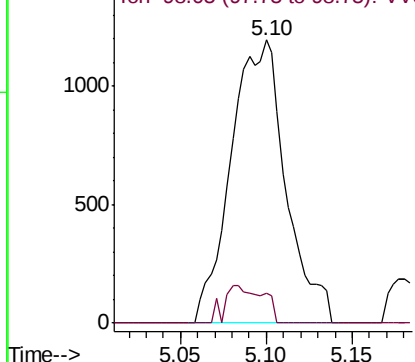
#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV012833.D
 Acq: 16 Sep 2019 13:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 2644
 Ion Ratio Lower Upper
 62 100
 98 10.4 8.3 12.5

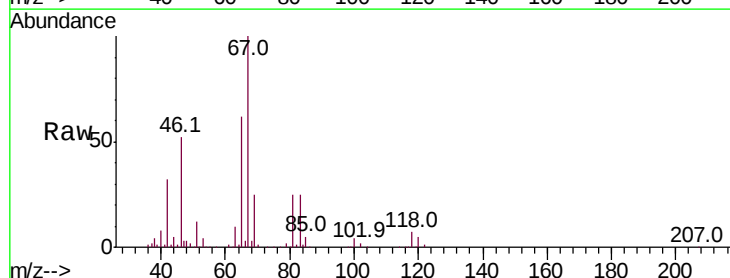


Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

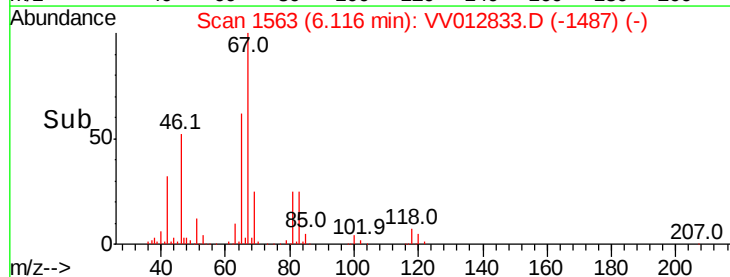
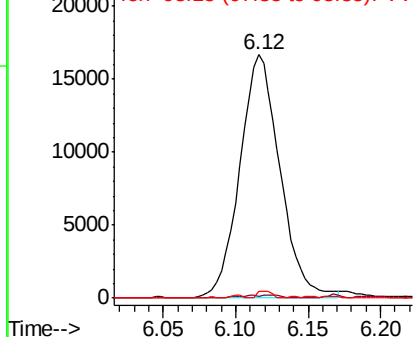


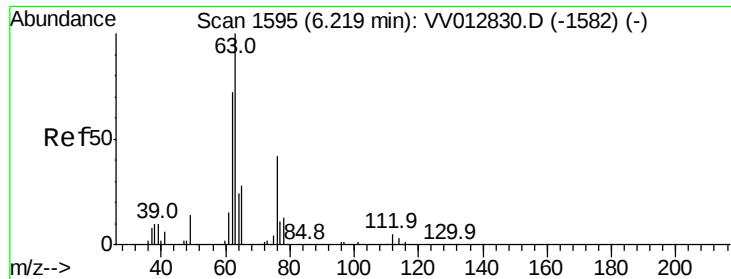
#35
 Methylcyclohexane
 Concen: 0.902 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV012833.D
 Acq: 16 Sep 2019 13:40

Tgt Ion: 83 Resp: 32189
 Ion Ratio Lower Upper
 83 100
 55 1.2 65.4 98.2#
 98 1.0 39.0 58.4#



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: 0.554 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012833.D

Acq: 16 Sep 2019 13:40

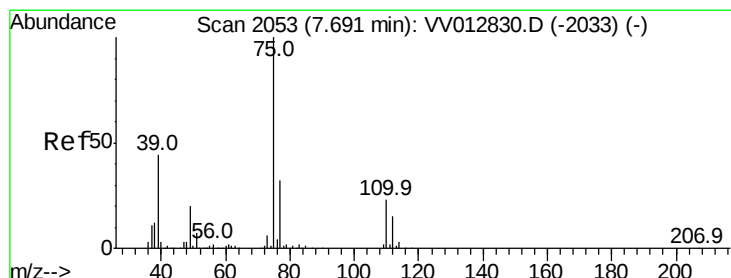
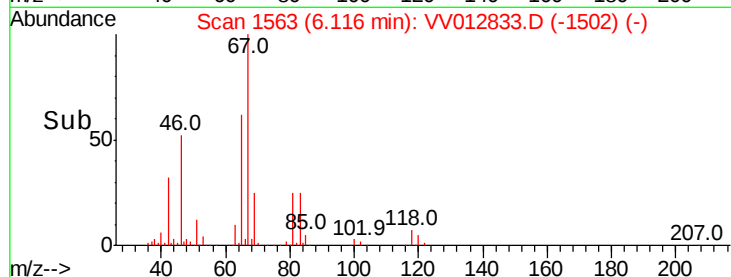
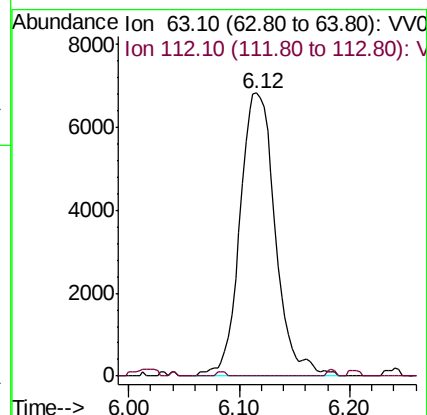
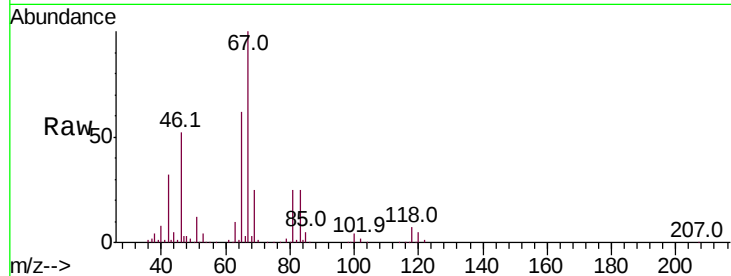
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 15170

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012833.D

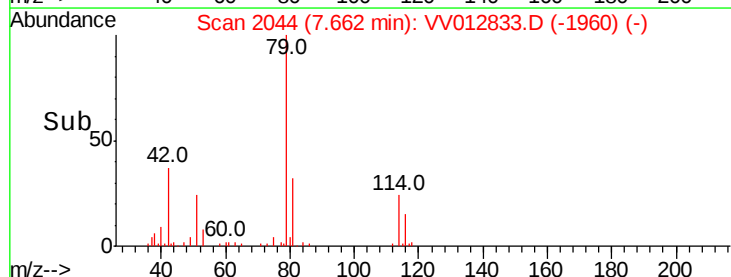
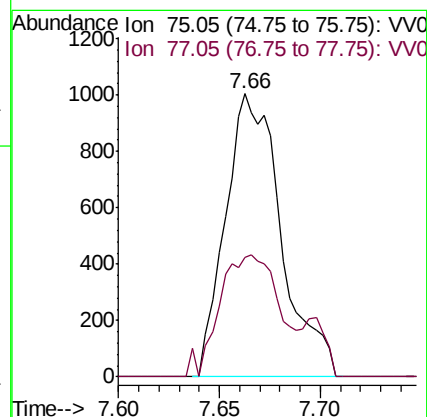
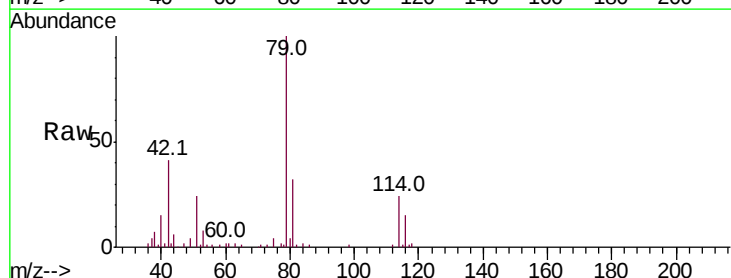
Acq: 16 Sep 2019 13:40

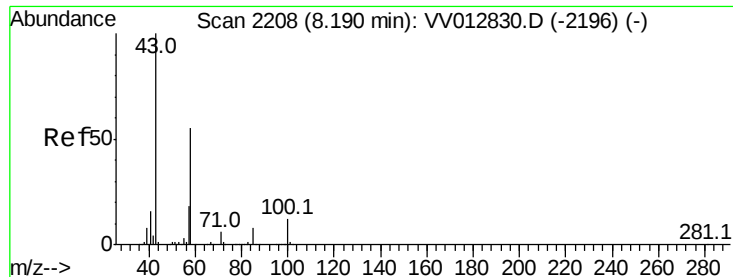
Tgt Ion: 75 Resp: 1940

Ion Ratio Lower Upper

75 100

77 42.1 22.3 41.3#





#48
 2-Hexanone
 Concen: 4.439 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VV012833.D
 Acq: 16 Sep 2019 13:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.8	44.8	67.2#
57	17.1	15.0	22.6
100	8.4	8.8	13.2#

