

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012629.D
 Acq On : 09 Sep 2019 18:15
 Operator : SY/MD
 Sample : VV0909WBL01
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:33:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	427085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	421752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	177017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133471	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	114222	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	156454	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.97	46	402597	57.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.50%
24) Chloroform-d	4.40	84	249835	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	130330	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	480292	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	162737	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	388385	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	53309	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.14	63	207325	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115702	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	158636	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

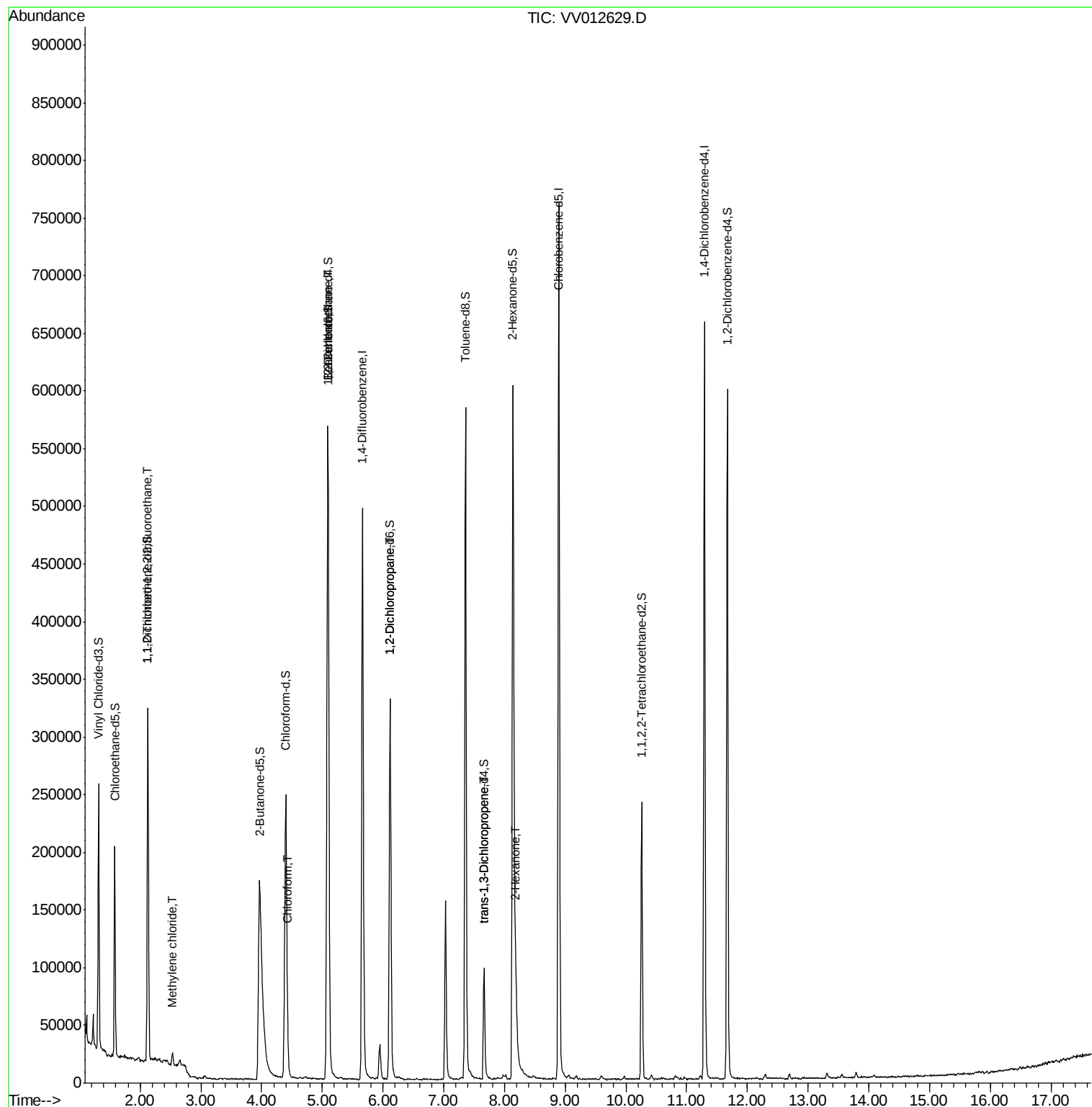
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2039	0.073 ug/L #	22
16) Methylene chloride	2.53	84	5161	0.159 ug/L	96
25) Chloroform	4.43	83	12399	0.201 ug/L	92
27) 1,2-Dichloroethane	5.09	62	2696	0.083 ug/L	98
37) 1,2-Dichloropropane	6.12	63	16217	0.528 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2556	0.084 ug/L #	76
48) 2-Hexanone	8.19	43	43821	3.598 ug/L #	82

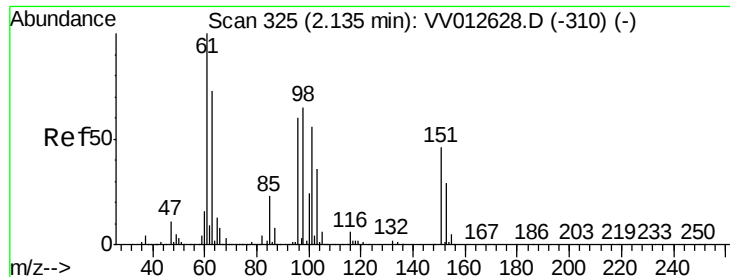
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 10 09:33:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012629.D

Acq: 09 Sep 2019 18:15

Instrument :

MSVOA_V

ClientSampleId :

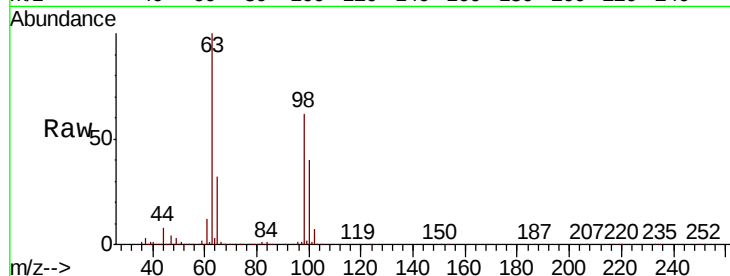
Tot Ion:101 Resp: 2039

Ion Ratio Lower Upper

101 100

85 9.8 33.0 49.6#

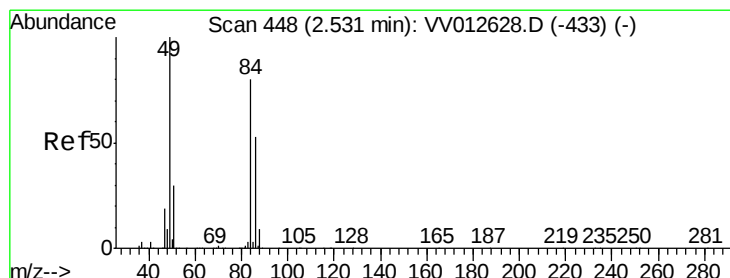
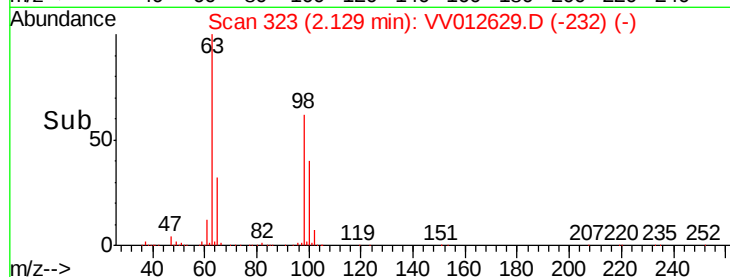
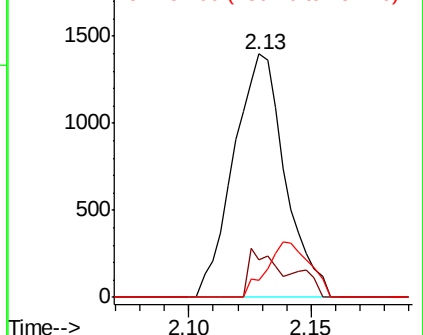
151 0.0 65.8 98.8#



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



#16

Methylene chloride

Concen: 0.159 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012629.D

Acq: 09 Sep 2019 18:15

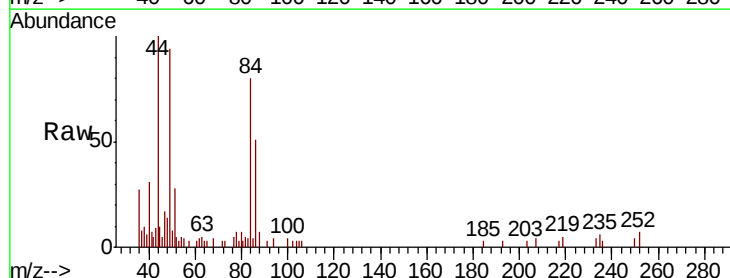
Tgt Ion: 84 Resp: 5161

Ion Ratio Lower Upper

84 100

86 64.1 46.1 85.7

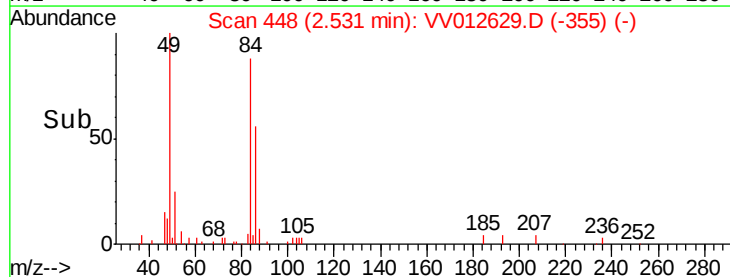
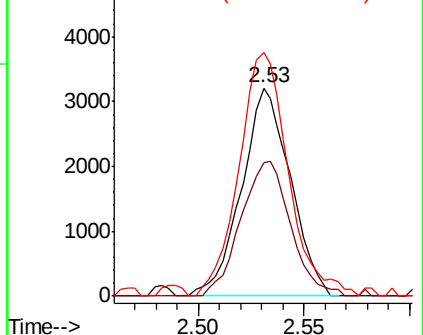
49 117.0 85.3 158.3

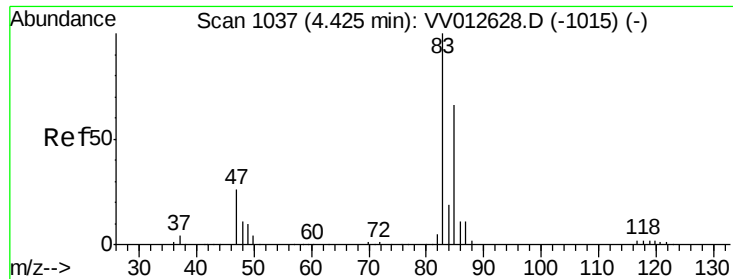


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

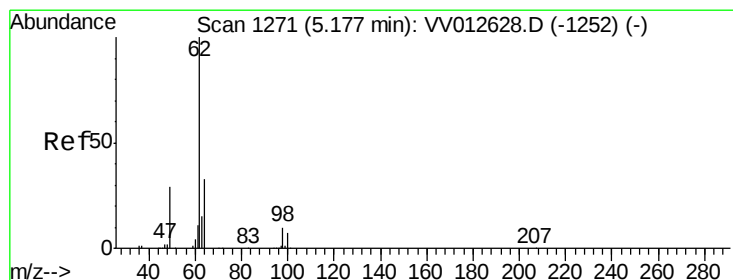
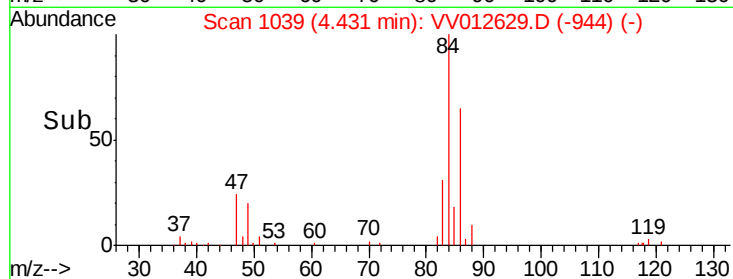
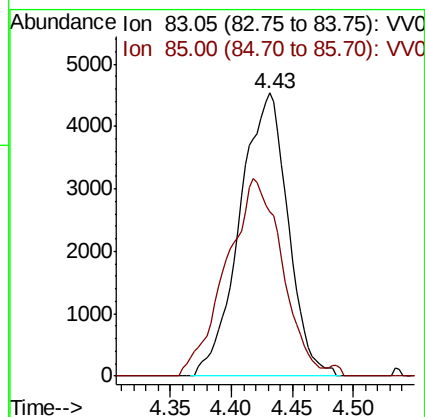
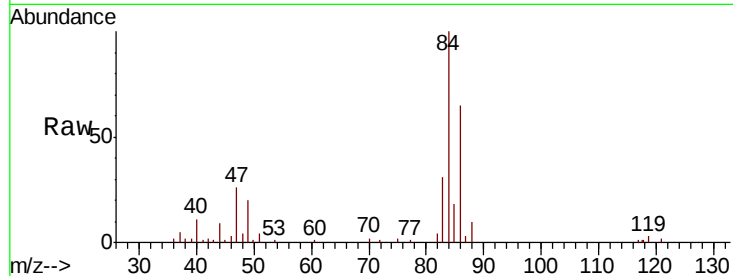




#25
Chloroform
Concen: 0.201 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012629.D
Acq: 09 Sep 2019 18:15

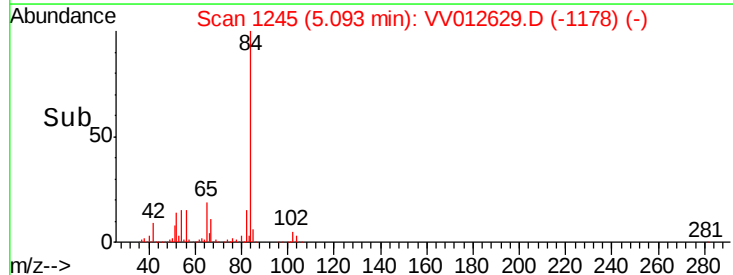
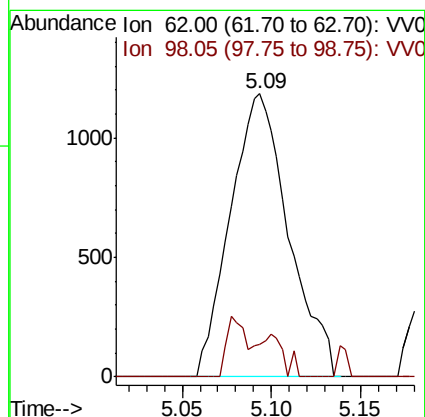
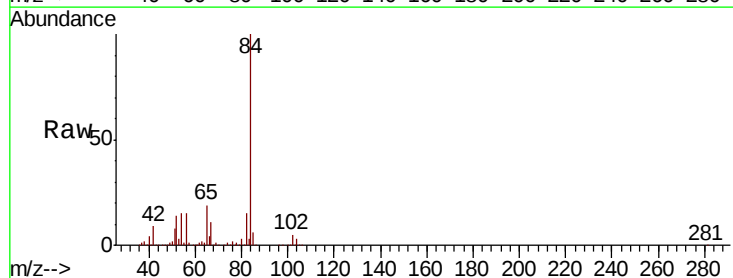
Instrument :
MSVOA_V
ClientSampleId :

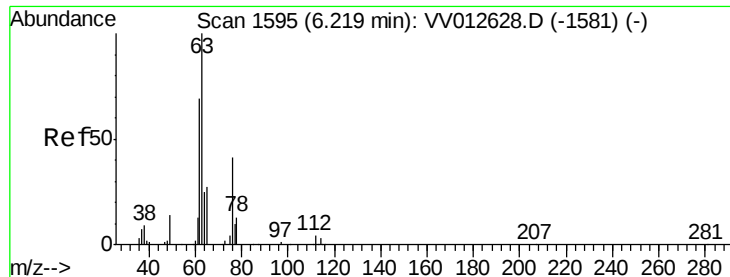
Tot Ion: 83 Resp: 12399
Ion Ratio Lower Upper
83 100
85 58.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV012629.D
Acq: 09 Sep 2019 18:15

Tgt Ion: 62 Resp: 2696
Ion Ratio Lower Upper
62 100
98 11.3 8.4 12.6





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012629.D

Acq: 09 Sep 2019 18:15

Instrument :

MSVOA_V

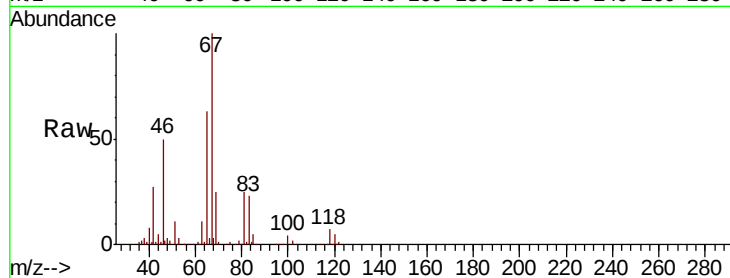
ClientSampleId :

Tot Ion: 63 Resp: 16217

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): VV0

6.12

10000

8000

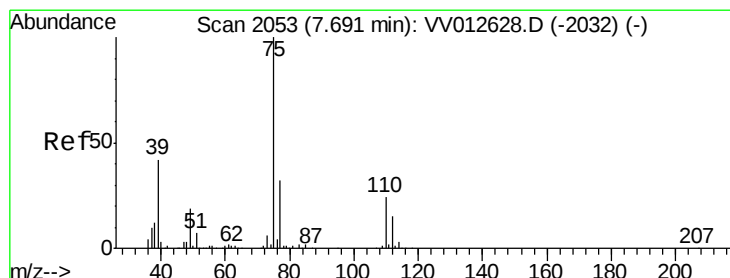
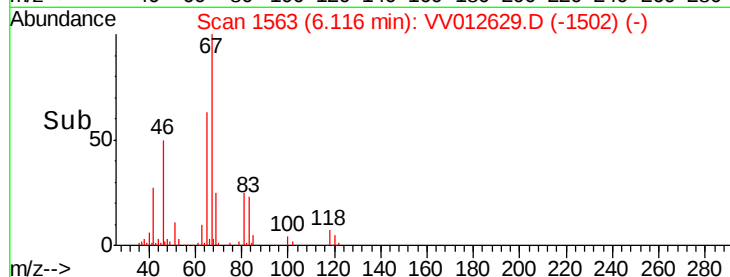
6000

4000

2000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012629.D

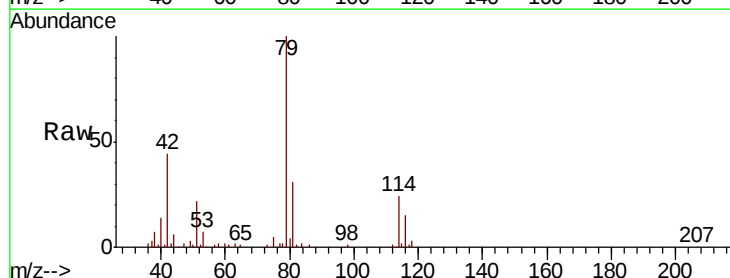
Acq: 09 Sep 2019 18:15

Tgt Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

77 45.4 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

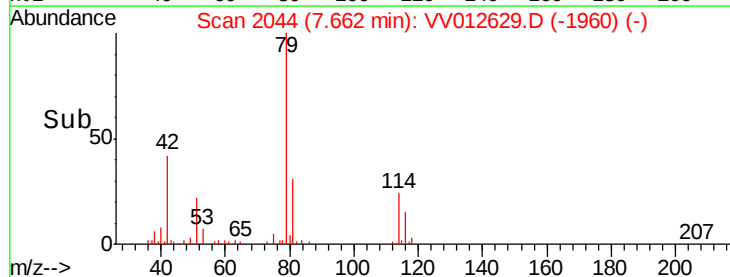
1500

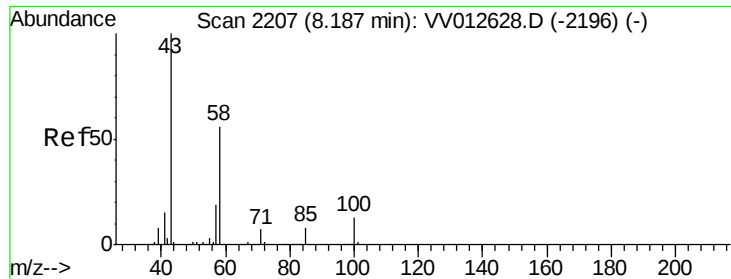
1000

500

0

Time-->





#48
 2-Hexanone
 Concen: 3.598 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV012629.D
 Acq: 09 Sep 2019 18:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 43821
 Ion Ratio Lower Upper
 43 100
 58 38.7 44.8 67.2#
 57 14.5 14.9 22.3#
 100 9.8 9.8 14.8#

