

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012644.D
 Acq On : 10 Sep 2019 00:54
 Operator : SY/MD
 Sample : IBLK
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:36:10 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	393931	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126198	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	111303	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	153537	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	383992	59.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.44%
24) Chloroform-d	4.40	84	238625	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	126661	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.09	84	454195	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	151125	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	357652	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	47811	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	203897	52.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115269	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	148288	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

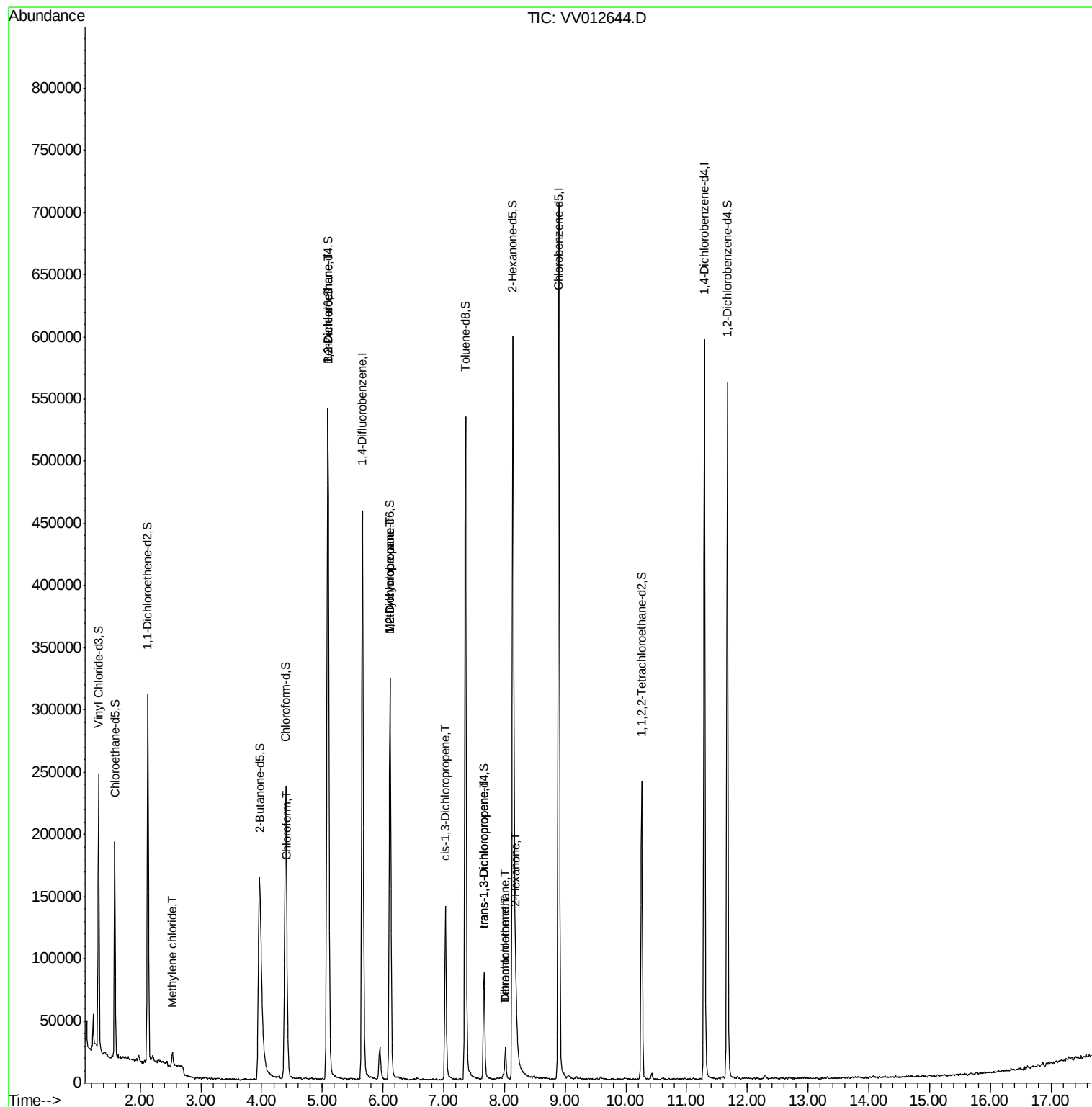
					Ovalue
16) Methylene chloride	2.53	84	4823	0.161 ug/L	98
25) Chloroform	4.42	83	11066	0.194 ug/L	98
27) 1,2-Dichloroethane	5.10	62	2448	0.082 ug/L	98
35) Methylcyclohexane	6.12	83	37031	0.829 ug/L #	24
37) 1,2-Dichloropropane	6.12	63	16665	0.585 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	3652	0.098 ug/L #	77
44) trans-1,3-Dichloropropene	7.67	75	2065	0.073 ug/L #	49
47) Tetrachloroethene	8.02	164	6156	0.248 ug/L	92
48) 2-Hexanone	8.19	43	38631	3.418 ug/L #	84
49) Dibromochloromethane	8.02	129	5208	0.221 ug/L #	11

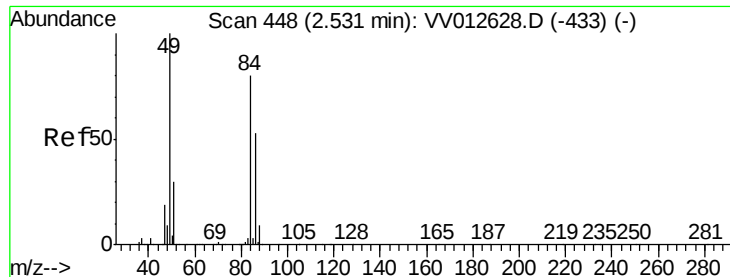
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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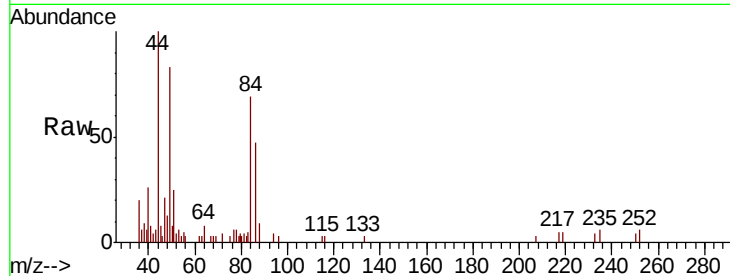




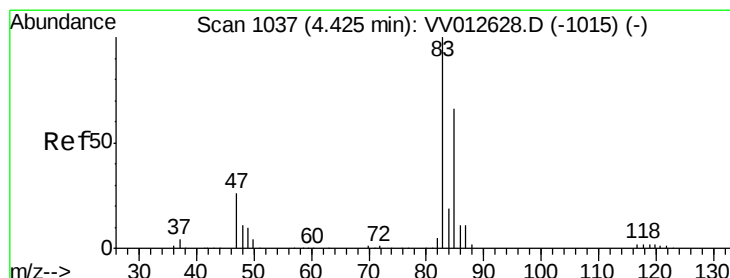
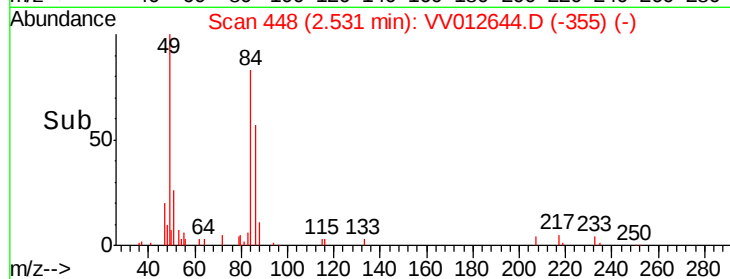
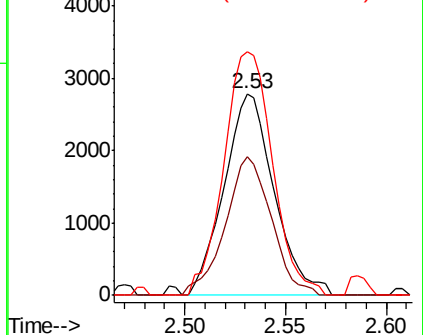
#16
Methvlene chloride
Concen: 0.161 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4823
Ion Ratio Lower Upper
84 100
86 68.7 46.1 85.7
49 120.6 85.3 158.3

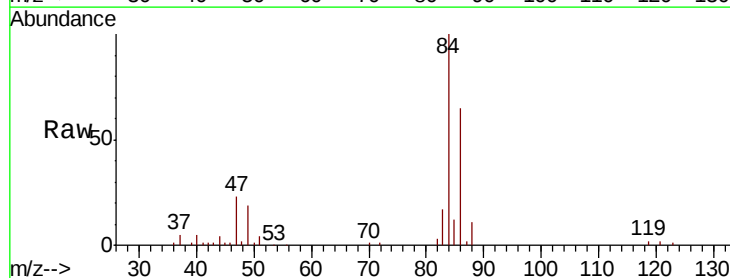


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

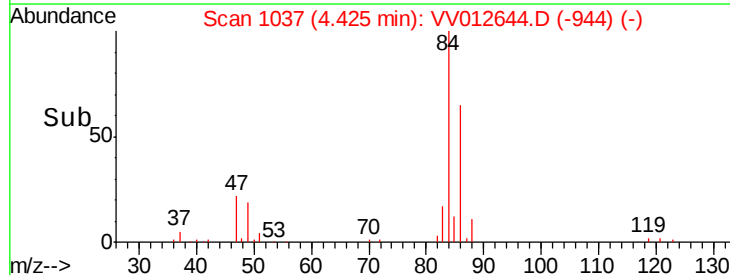
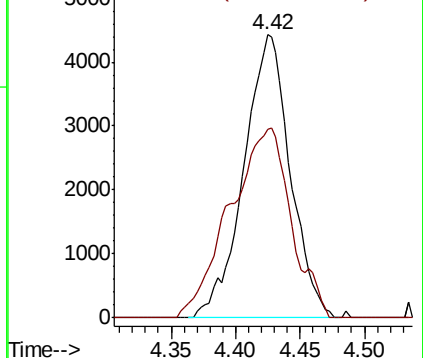


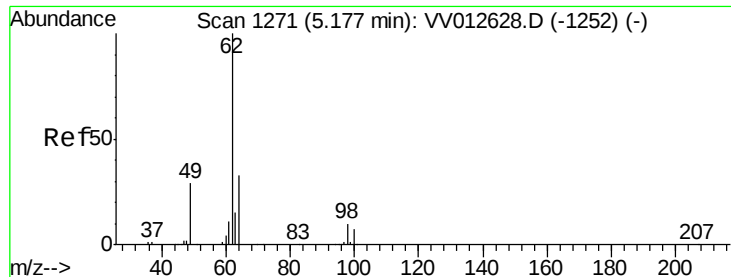
#25
Chloroform
Concen: 0.194 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

Tgt Ion: 83 Resp: 11066
Ion Ratio Lower Upper
83 100
85 66.5 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV012644.D

Acq: 10 Sep 2019 00:54

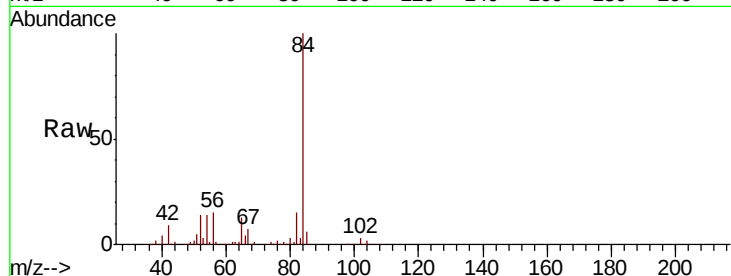
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 2448

Ion Ratio Lower Upper

62 100

98 9.6 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV012628.D (-1252) (-)

Ion 98.05 (97.75 to 98.75): VV012628.D (-1252) (-)

5.10

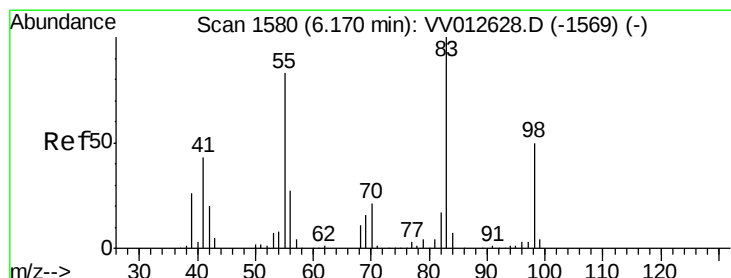
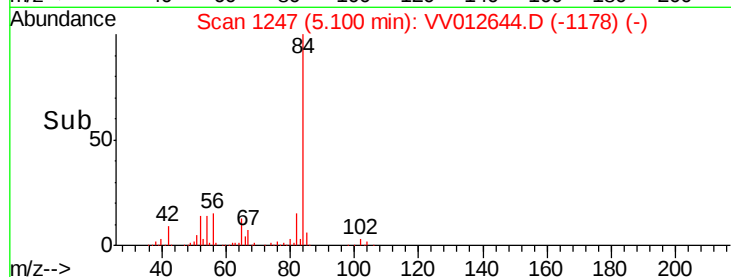
1000

500

0

Time-->

5.05 5.10 5.15



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012644.D

Acq: 10 Sep 2019 00:54

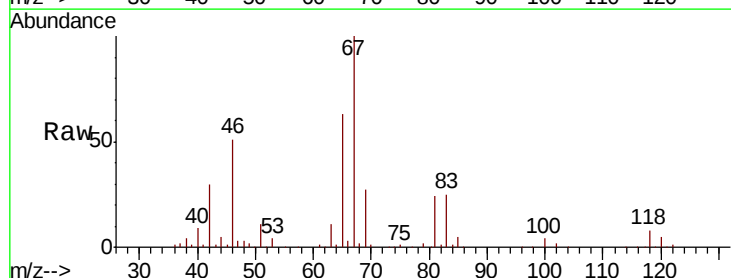
Tgt Ion: 83 Resp: 37031

Ion Ratio Lower Upper

83 100

55 0.7 63.0 94.4#

98 11.6 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV012628.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012628.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012628.D (-1569) (-)

25000

20000

15000

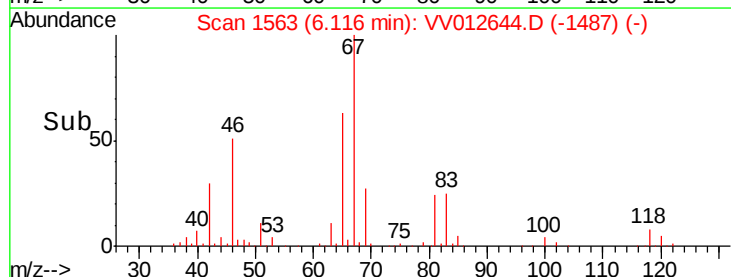
10000

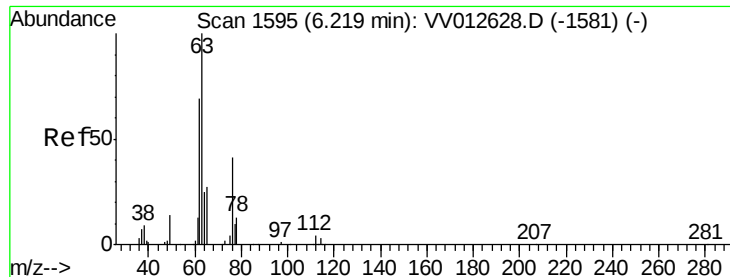
5000

0

Time-->

6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012644.D

Acq: 10 Sep 2019 00:54

Instrument :

MSVOA_V

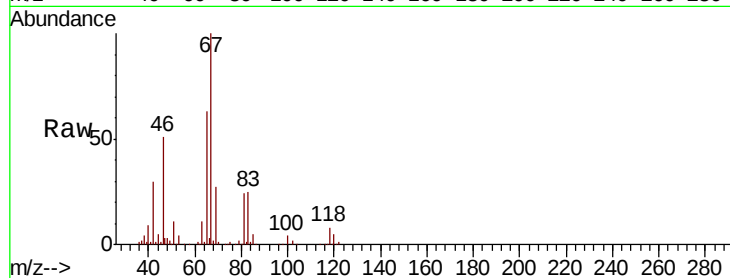
ClientSampleId :

Tot Ion: 63 Resp: 16665

Ion Ratio Lower Upper

63 100

112 1.1 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012628.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV012628.D (-1581) (-)

6.12

8000

6000

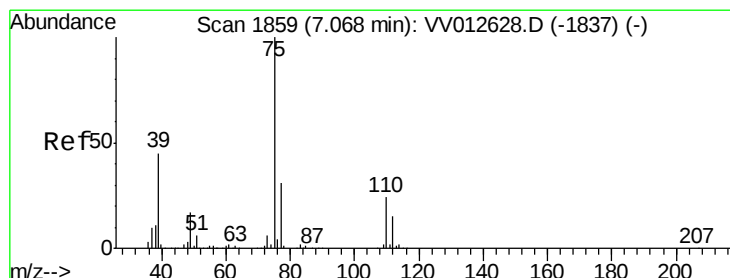
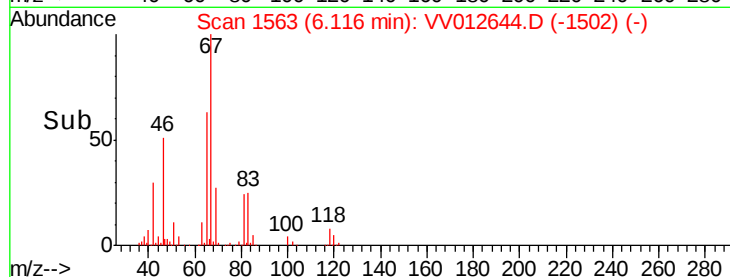
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV012644.D

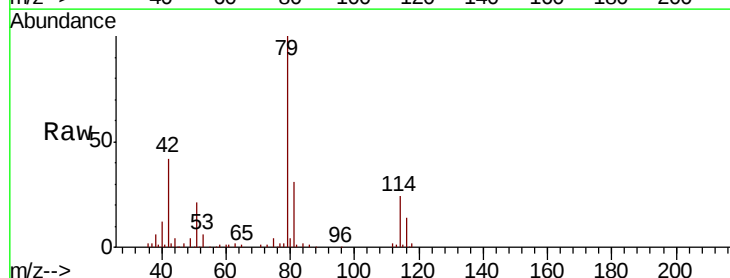
Acq: 10 Sep 2019 00:54

Tgt Ion: 75 Resp: 3652

Ion Ratio Lower Upper

75 100

77 44.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV012628.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV012628.D (-1837) (-)

7.03

2000

1500

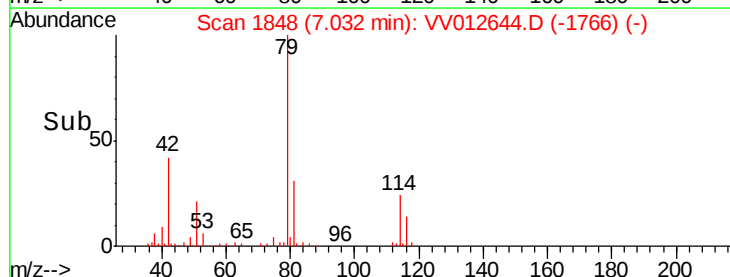
1000

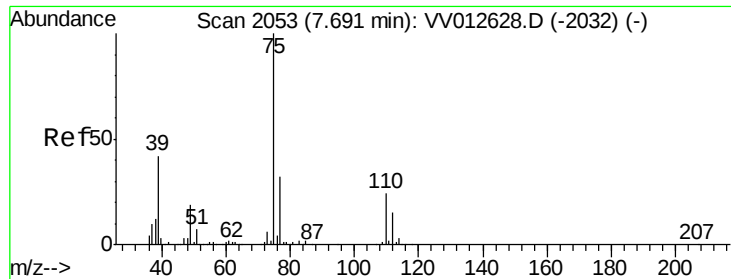
500

0

7.00 7.05 7.10

Time-->

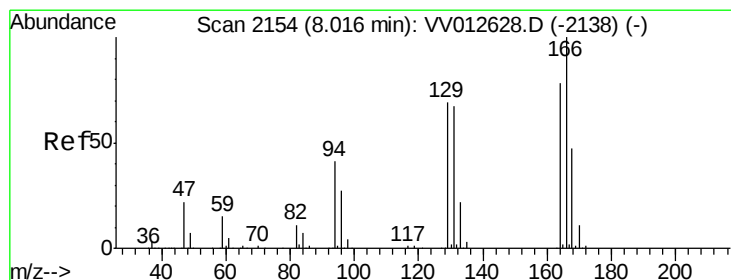
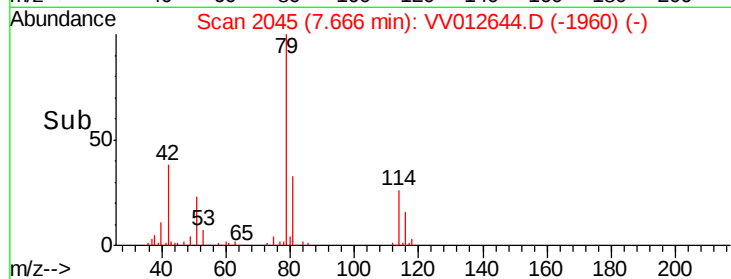
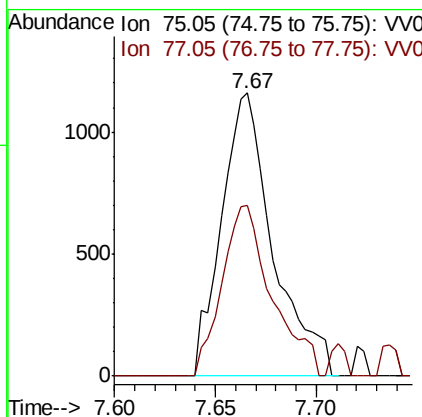
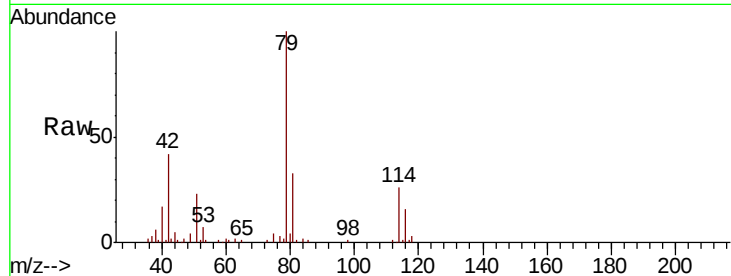




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

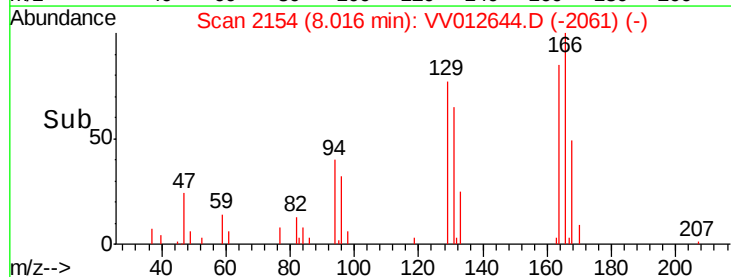
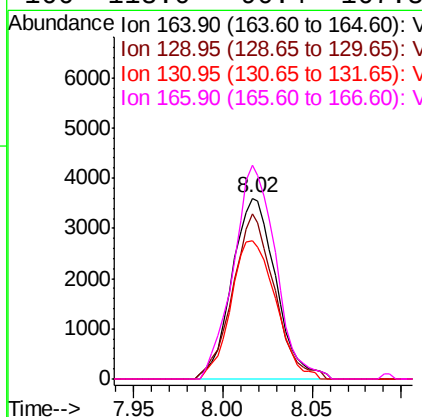
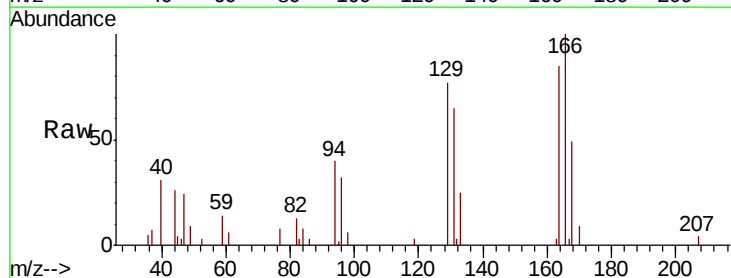
Instrument :
MSVOA_V
ClientSampleId :

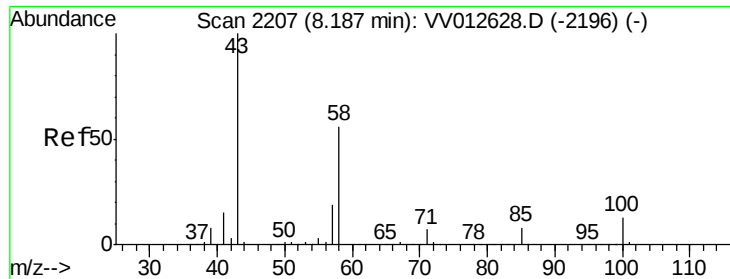
Tot Ion: 75 Resp: 2065
Ion Ratio Lower Upper
75 100
77 60.4 22.4 41.6#



#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

Tgt Ion: 164 Resp: 6156
Ion Ratio Lower Upper
164 100
129 91.3 61.9 114.9
131 76.7 59.7 110.9
166 118.0 90.4 167.8

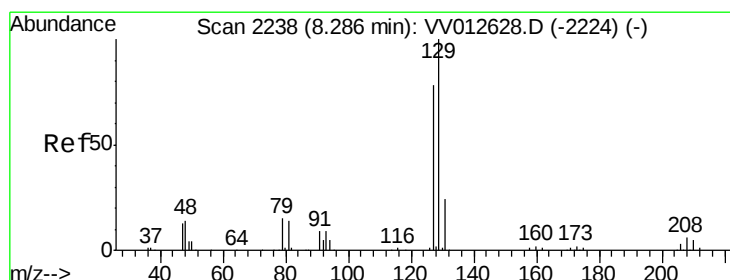
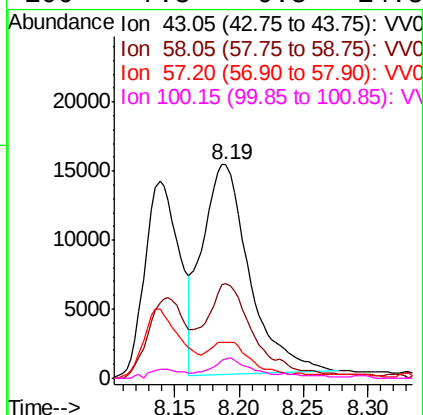
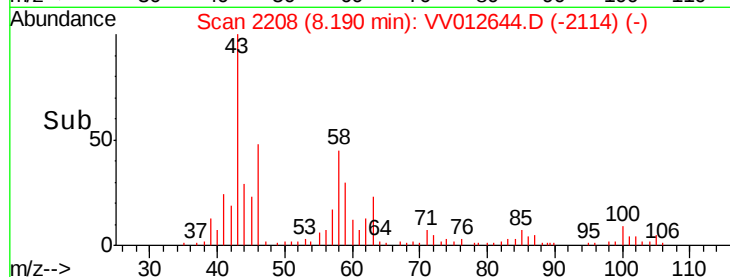
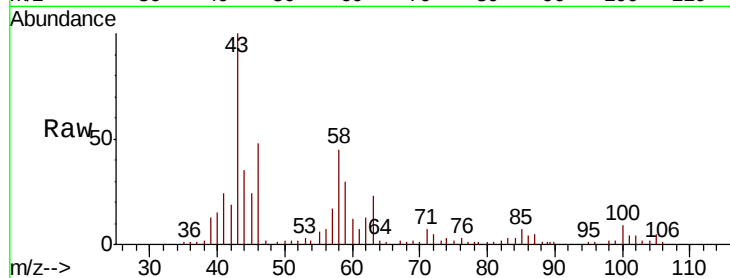




#48
2-Hexanone
Concen: 3.418 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 38631
Ion Ratio Lower Upper
43 100
58 41.9 44.8 67.2#
57 13.6 14.9 22.3#
100 7.8 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012644.D
Acq: 10 Sep 2019 00:54

Tgt Ion: 129 Resp: 5208
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

