

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011492.D
 Acq On : 14 Jun 2019 07:15
 Operator : SY/MD
 Sample : K3313-18
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 09:15:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 09:13:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127225	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47374	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	39888	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	78114	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	3.97	46	109676	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.40	84	87043	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	50073	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	175366	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	54467	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	149419	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	14086	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.14	63	86259	51.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34695	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	44035	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

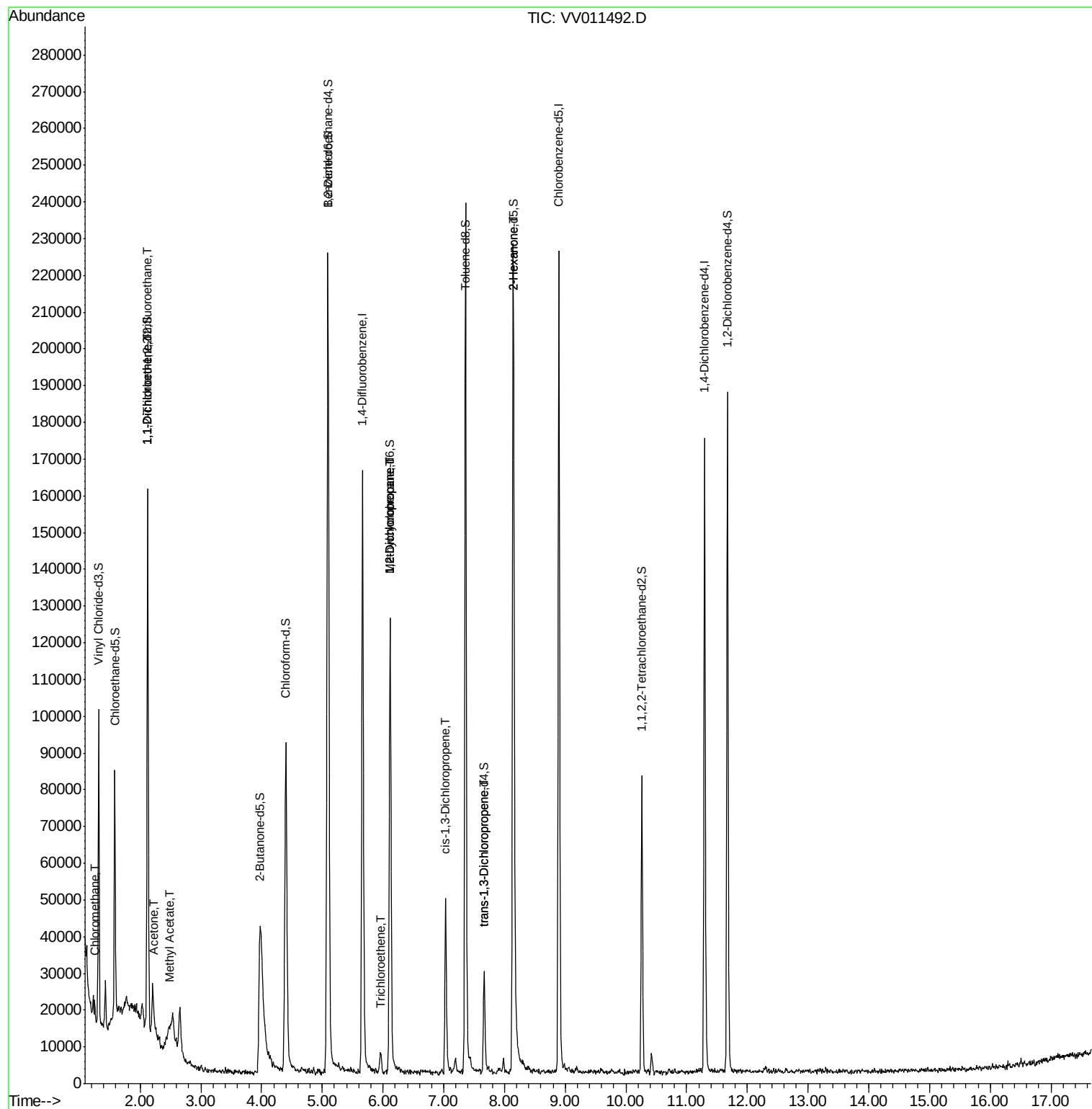
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3211	0.265	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	700	0.085	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1232	0.154	ug/L #	1
13) Acetone	2.23	43	2137	1.469	ug/L	67
15) Methyl Acetate	2.47	43	1249	0.323	ug/L	93
34) Trichloroethene	5.96	95	1726	0.186	ug/L	86
35) Methylcyclohexane	6.12	83	13055	0.853	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7280	0.816	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1429	0.110	ug/L #	83
44) trans-1,3-Dichloropropene	7.66	75	965	0.097	ug/L	90
48) 2-Hexanone	8.14	43	13909	3.512	ug/L #	71

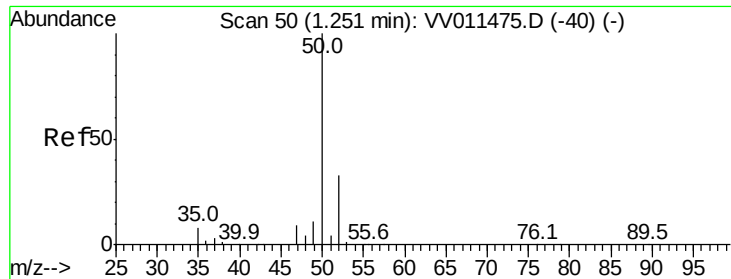
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 14 09:13:02 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.265 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011492.D

Acq: 14 Jun 2019 07:15

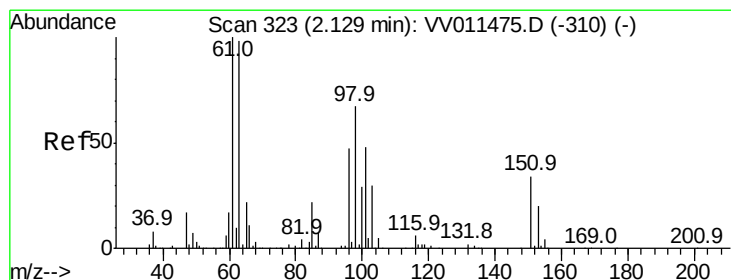
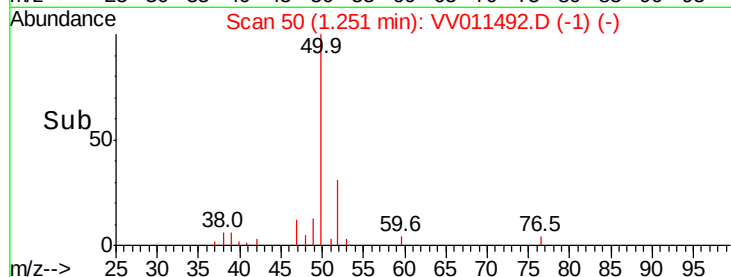
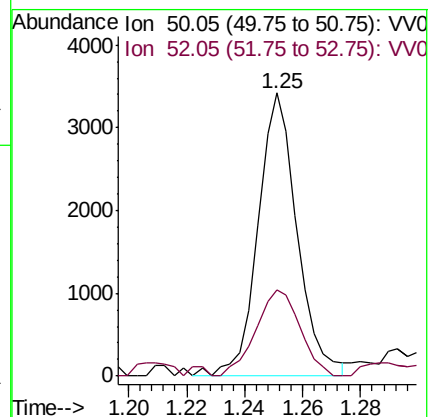
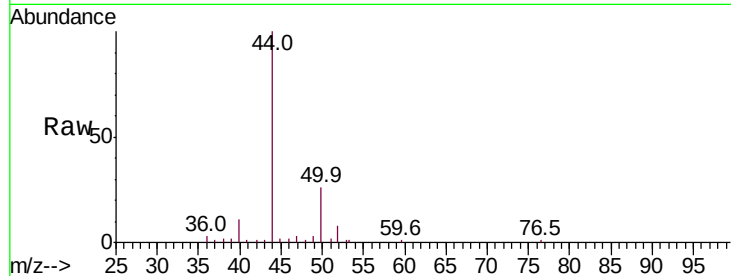
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 3211

Ion Ratio Lower Upper

50 100

52 30.7 22.3 41.5



#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011492.D

Acq: 14 Jun 2019 07:15

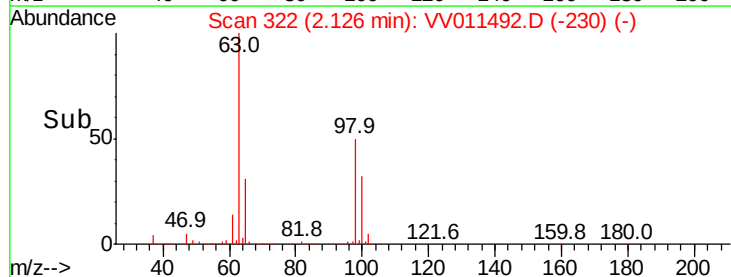
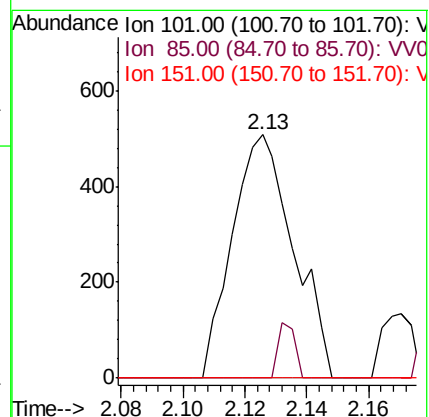
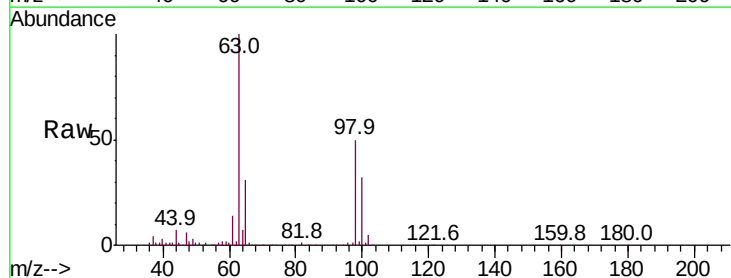
Tgt Ion: 101 Resp: 700

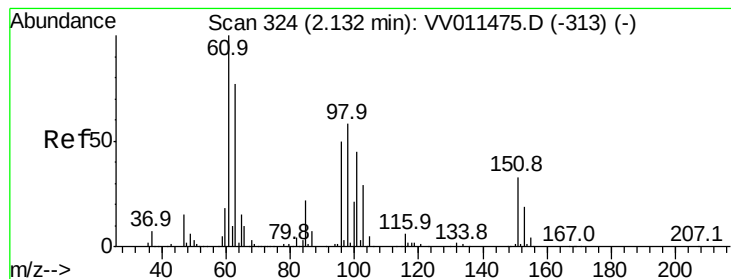
Ion Ratio Lower Upper

101 100

85 6.0 35.5 53.3#

151 0.0 56.9 85.3#





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011492.D

Acq: 14 Jun 2019 07:15

Instrument :
MSVOA_V
ClientSampled :

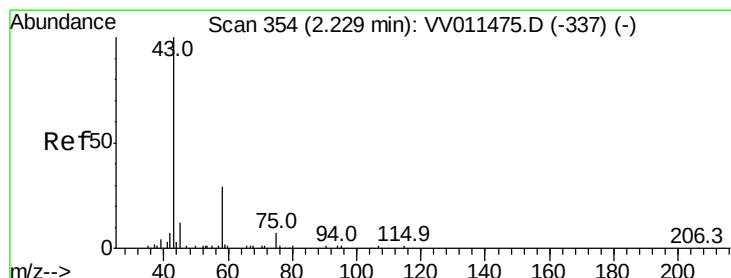
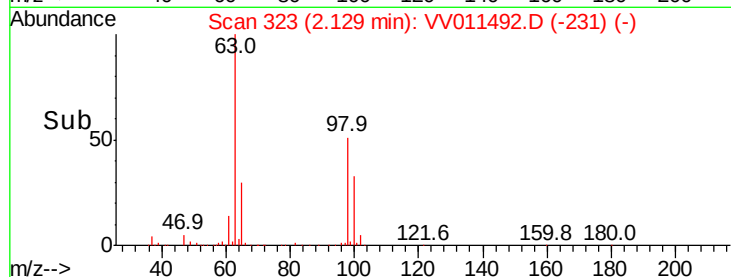
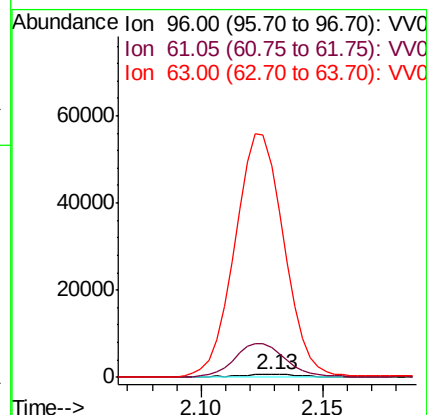
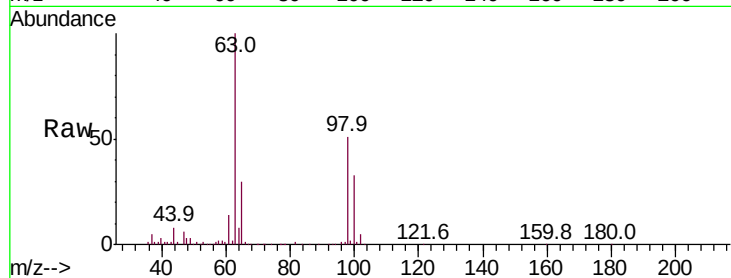
Tot Ion: 96 Resp: 1232

Ion Ratio Lower Upper

96 100

61 1011.6 139.8 259.6#

63 7221.4 94.3 175.1#



#13

Acetone

Concen: 1.469 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: VV011492.D

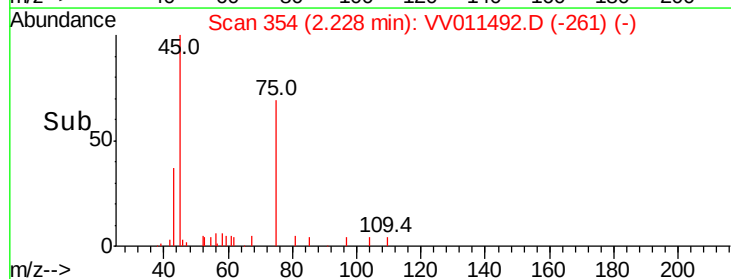
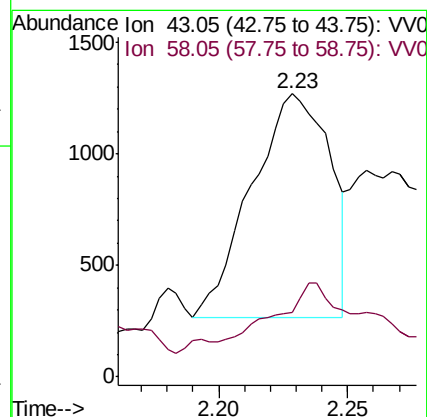
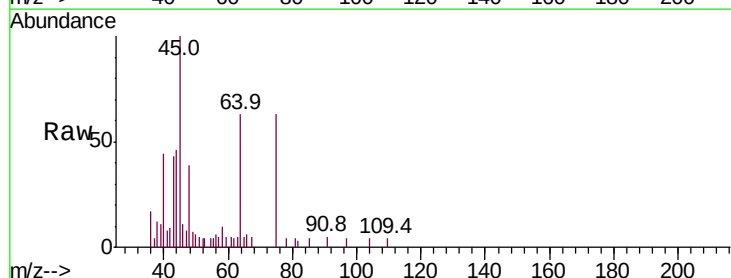
Acq: 14 Jun 2019 07:15

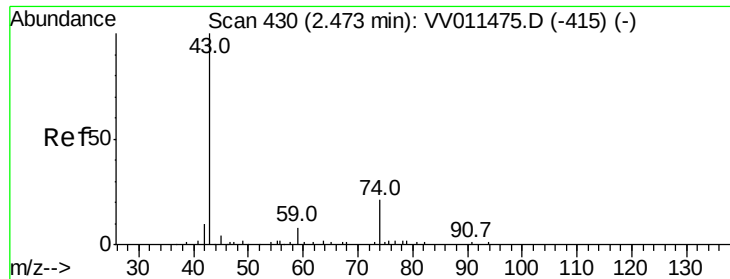
Tgt Ion: 43 Resp: 2137

Ion Ratio Lower Upper

43 100

58 44.8 0.0 55.2

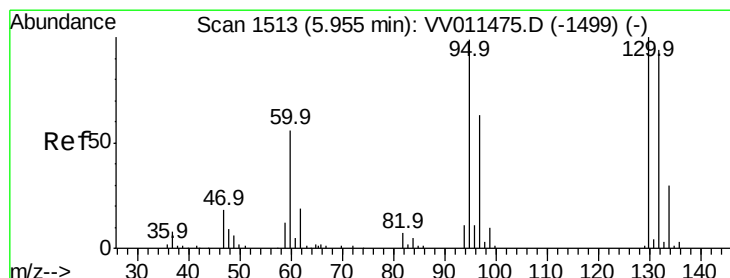
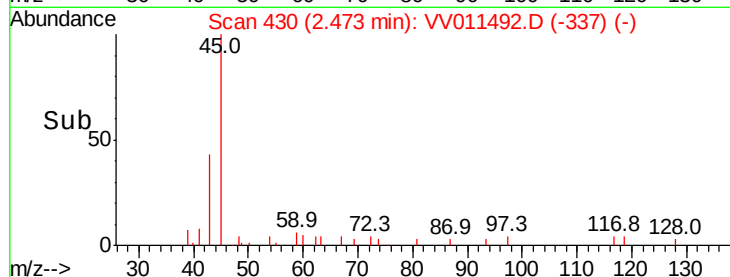
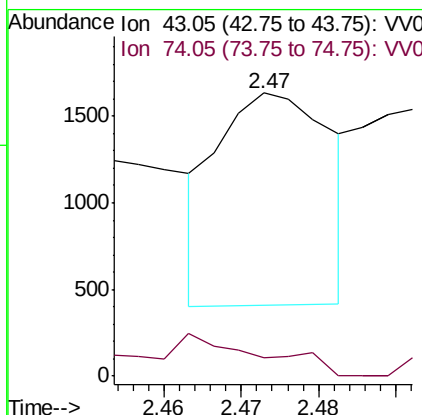
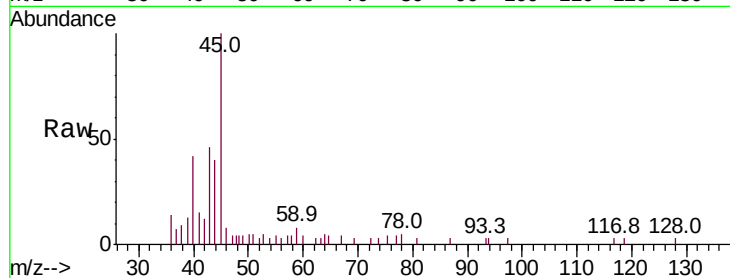




#15
Methvl Acetate
Concen: 0.323 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VV011492.D
Acq: 14 Jun 2019 07:15

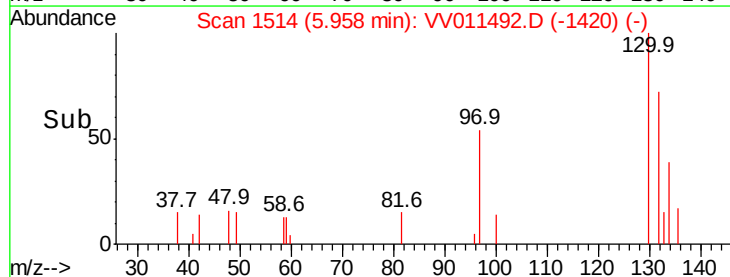
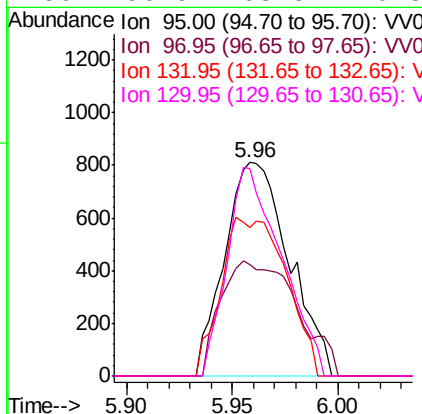
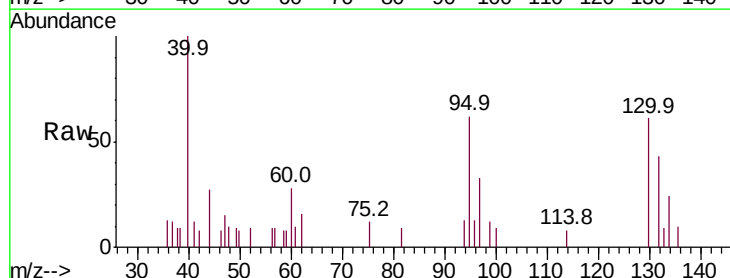
Instrument :
MSVOA_V
ClientSampleId :

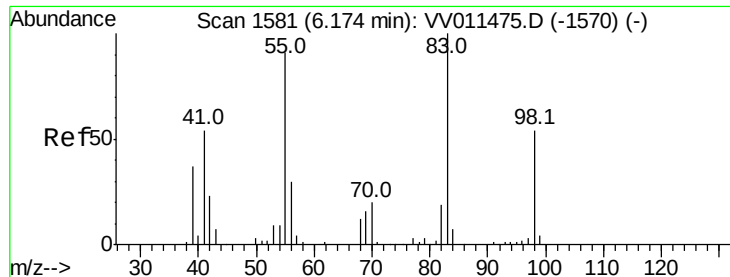
Tot Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
74 19.5 18.5 27.7



#34
Trichloroethene
Concen: 0.186 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011492.D
Acq: 14 Jun 2019 07:15

Tgt Ion: 95 Resp: 1726
Ion Ratio Lower Upper
95 100
97 52.3 45.8 85.2
132 69.5 66.4 123.2
130 96.9 68.3 126.8

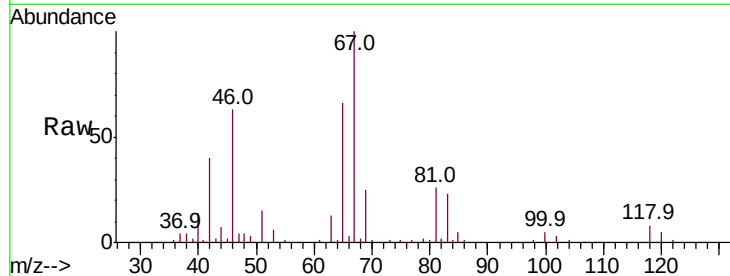




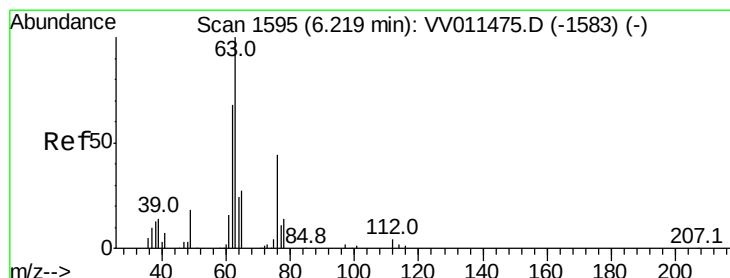
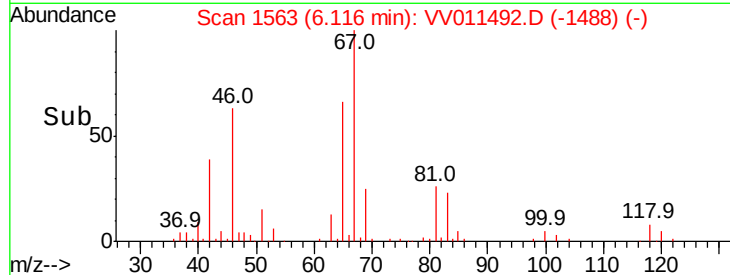
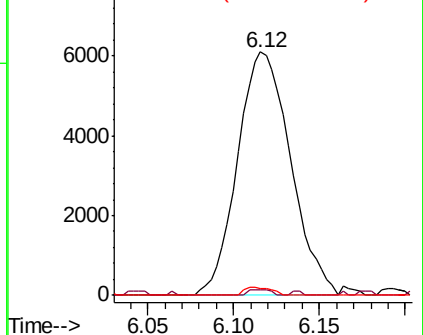
#35
Methvlcvclohexane
Concen: 0.853 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011492.D
Acq: 14 Jun 2019 07:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13055
Ion Ratio Lower Upper
83 100
55 0.9 67.0 100.6#
98 1.7 40.0 60.0#

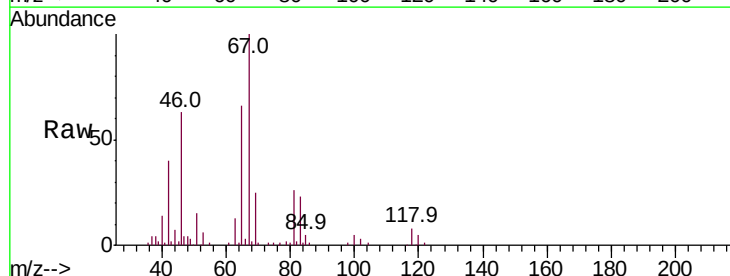


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

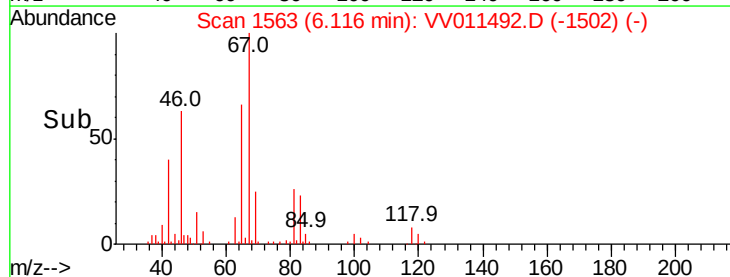
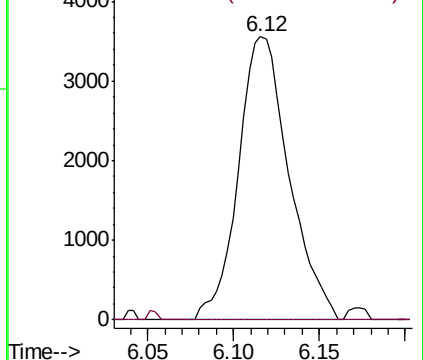


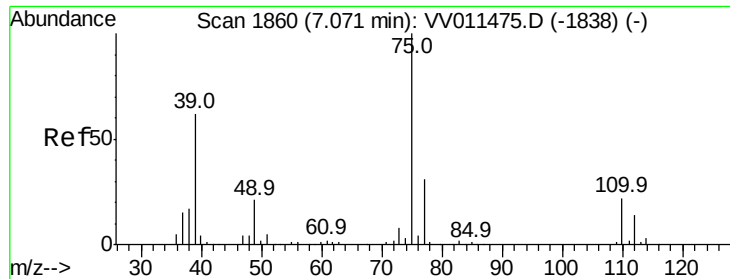
#37
1,2-Dichloropropane
Concen: 0.816 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011492.D
Acq: 14 Jun 2019 07:15

Tgt Ion: 63 Resp: 7280
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

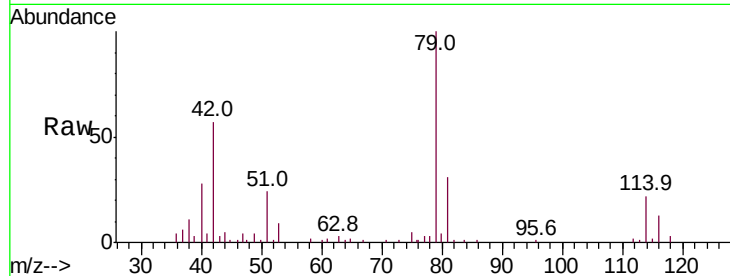




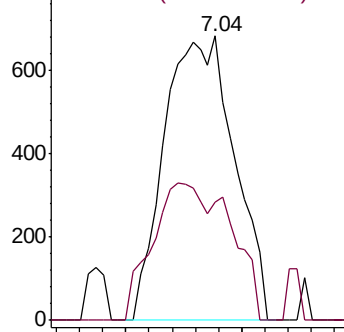
#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.03 min
 Lab File: VV011492.D
 Acq: 14 Jun 2019 07:15

Instrument :
 MSVOA_V
 ClientSampleId :

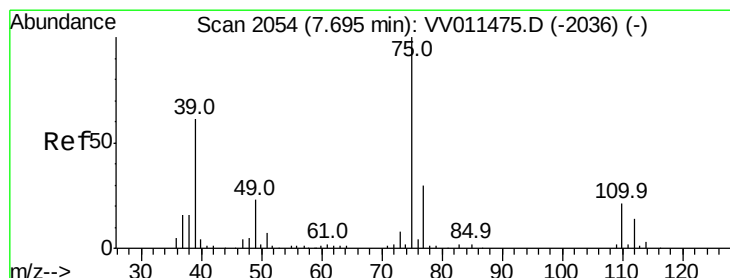
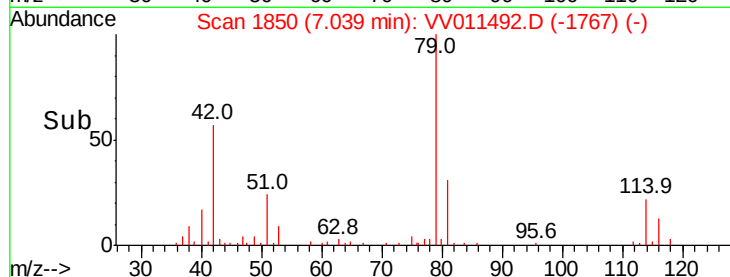
Tot Ion: 75 Resp: 1429
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

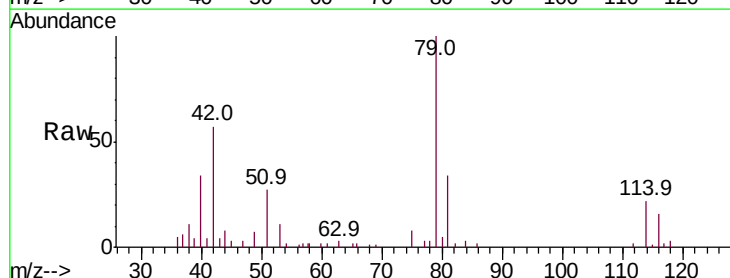


Time-->

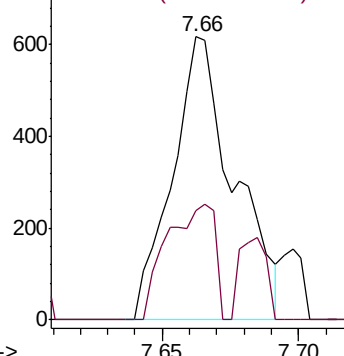


#44
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011492.D
 Acq: 14 Jun 2019 07:15

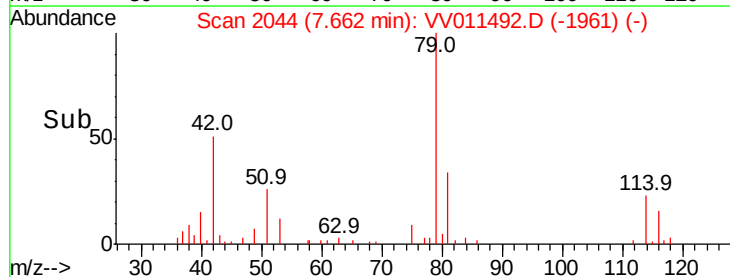
Tgt Ion: 75 Resp: 965
 Ion Ratio Lower Upper
 75 100
 77 38.4 23.1 42.9

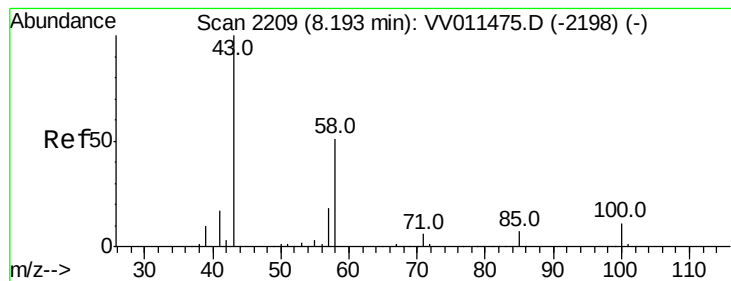


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0



Time-->





#48

2-Hexanone

Concen: 3.512 ug/L

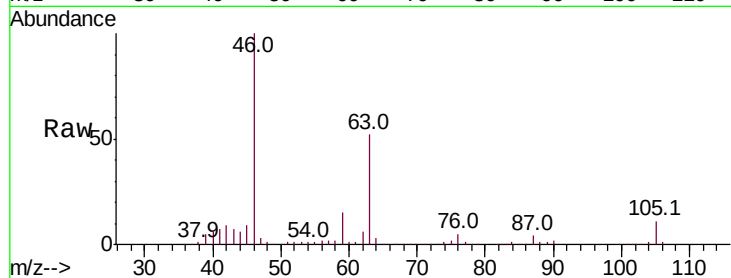
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011492.D

Acq: 14 Jun 2019 07:15

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:	43	Resp:	13909
Ion	Ratio	Lower	Upper
43	100		
58	28.2	41.4	62.0#
57	25.7	15.0	22.4#
100	0.6	9.0	13.4#

