

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007491.D
 Acq On : 12 Sep 2018 22:40
 Operator : SY/MD
 Sample : J4871-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KM6

Quant Time: Sep 13 03:18:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123757	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34751	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	26607	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	68580	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.96	46	71276	49.98	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.96%
24) Chloroform-d	4.41	84	65500	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	35652	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	132522	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.13	67	40538	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	133908	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	19128	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.14	63	37568	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28451	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51832	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

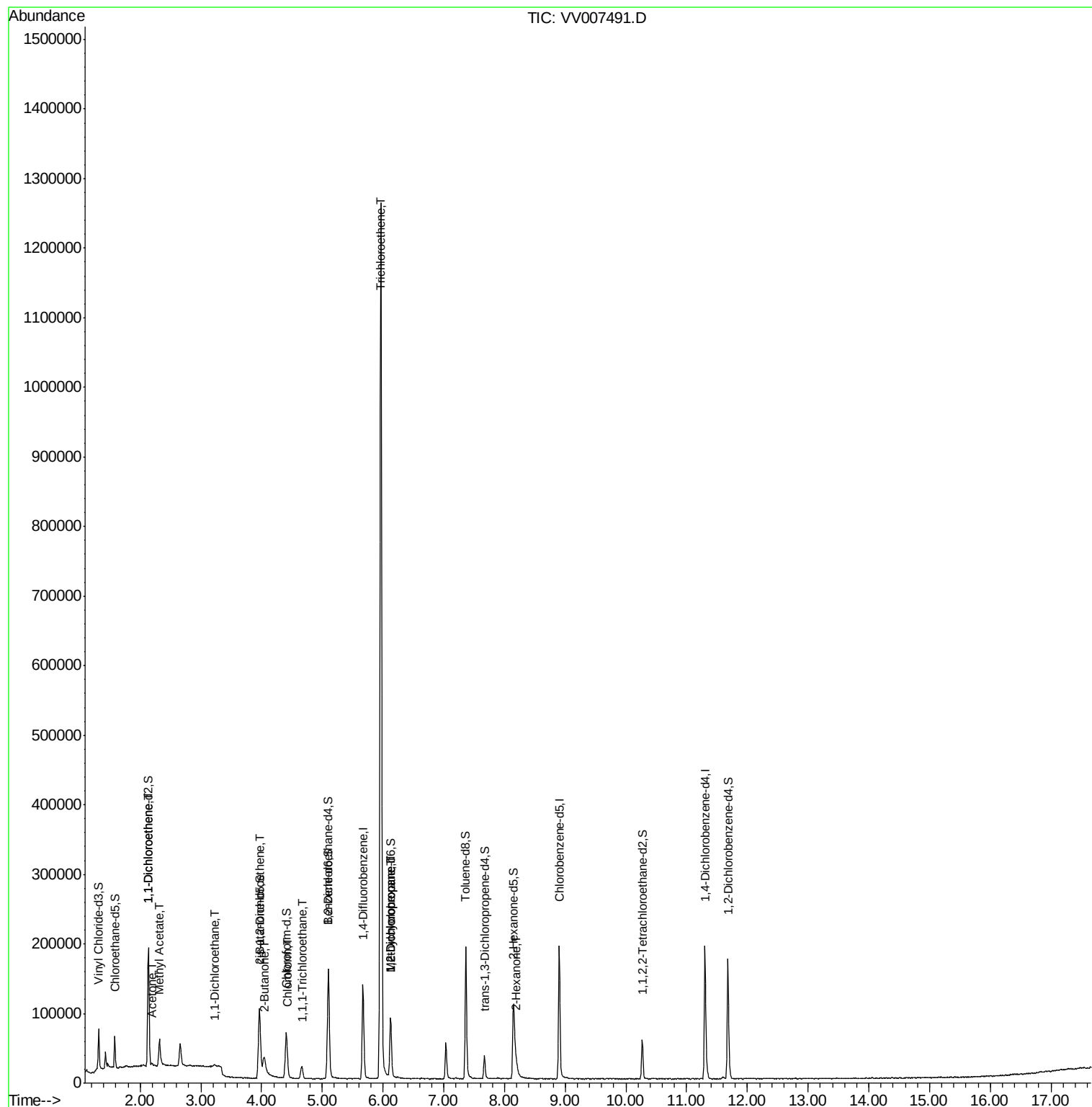
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	28514	4.466	ug/L	89
13) Acetone	2.19	43	3043	3.655	ug/L	73
15) Methyl Acetate	2.32	43	10047	4.365	ug/L #	53
19) 1,1-Dichloroethane	3.23	63	2441	0.219	ug/L #	83
21) 2-Butanone	4.04	43	2065	1.526	ug/L	73
22) cis-1,2-Dichloroethene	3.96	96	36535	5.447	ug/L #	100
25) Chloroform	4.43	83	2508	0.218	ug/L	86
29) 1,1,1-Trichloroethane	4.66	97	15033	1.324	ug/L	98
34) Trichloroethene	5.96	95	421417	58.146	ug/L	93
35) Methylcyclohexane	6.13	83	9558	0.850	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	5018	0.824	ug/L #	86
48) 2-Hexanone	8.20	43	9942	3.940	ug/L #	68

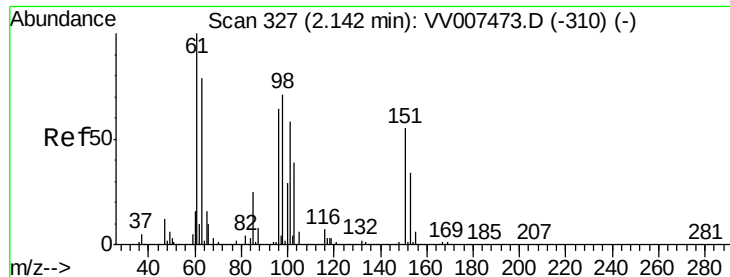
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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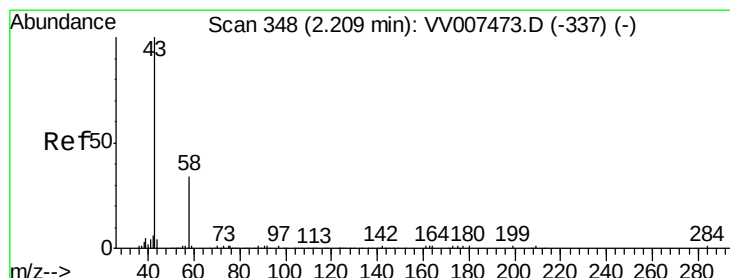
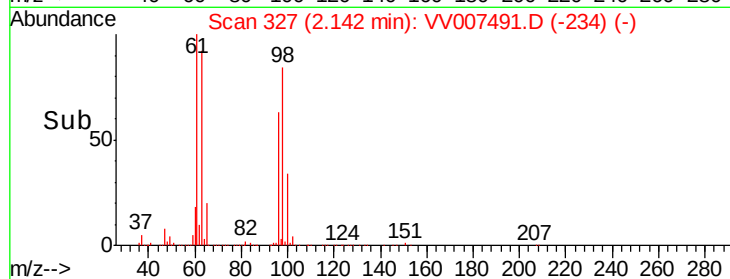
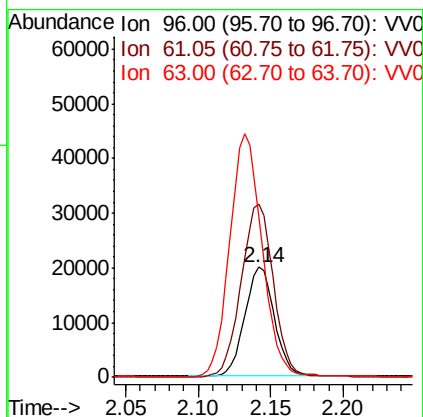
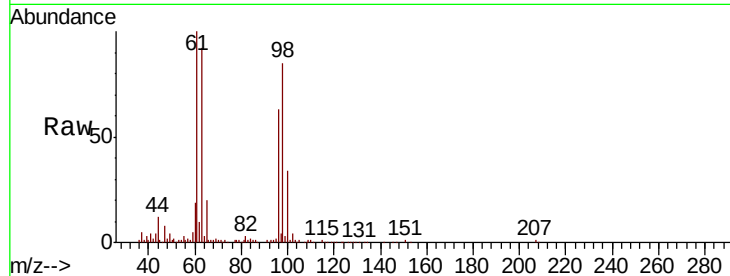




#12
 1,1-Dichloroethene
 Concen: 4.466 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV007491.D
 Acq: 12 Sep 2018 22:40

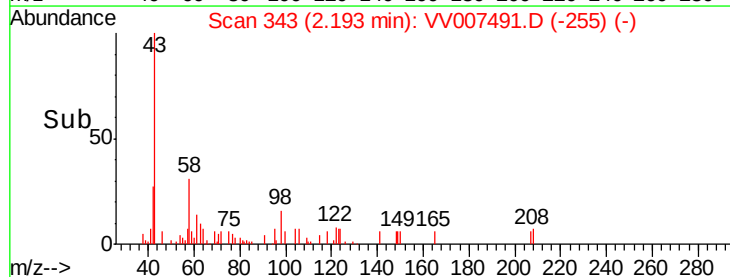
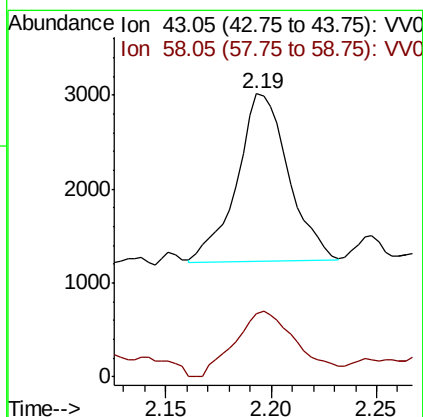
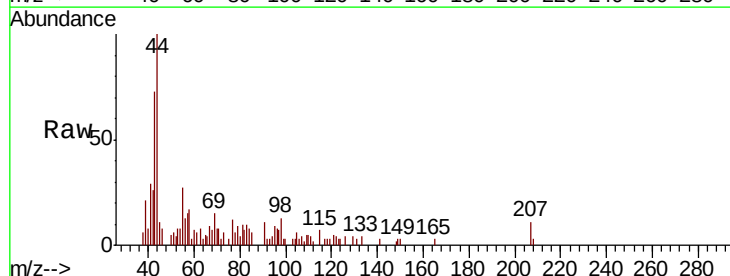
Instrument :
 MSVOA_V
 ClientSampled :
 C0KM6

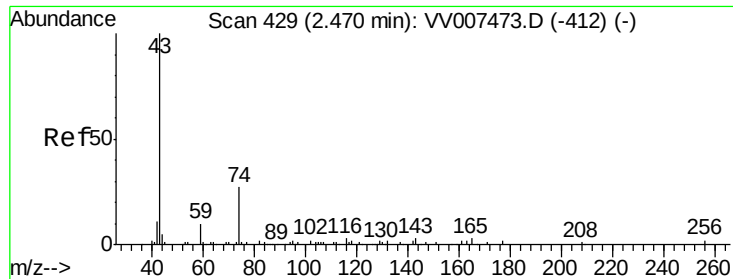
Tot Ion: 96 Resp: 28514
 Ion Ratio Lower Upper
 96 100
 61 157.8 108.0 200.6
 63 145.3 85.7 159.1



#13
 Acetone
 Concen: 3.655 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.02 min
 Lab File: VV007491.D
 Acq: 12 Sep 2018 22:40

Tgt Ion: 43 Resp: 3043
 Ion Ratio Lower Upper
 43 100
 58 47.7 0.0 65.4

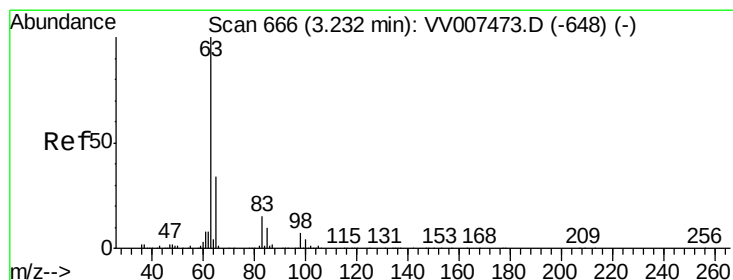
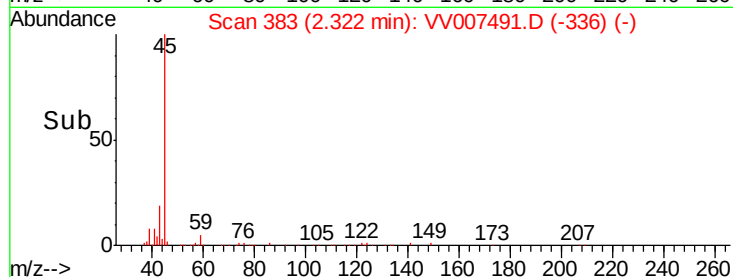
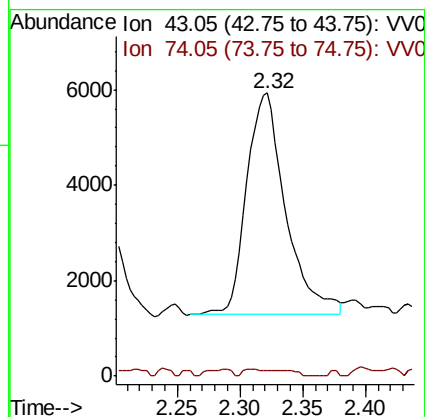
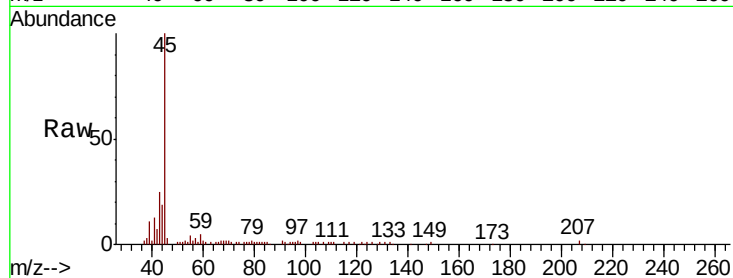




#15
Methvl Acetate
Concen: 4.365 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.15 min
Lab File: VV007491.D
Acq: 12 Sep 2018 22:40

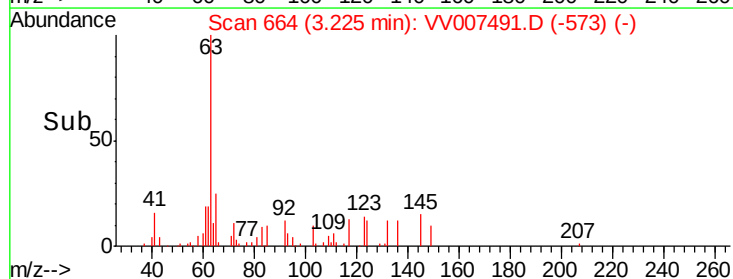
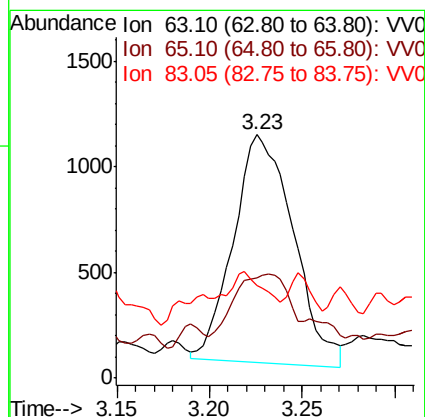
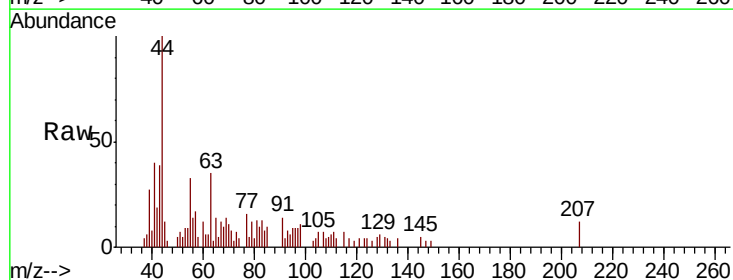
Instrument :
MSVOA_V
ClientSampleId :
C0KM6

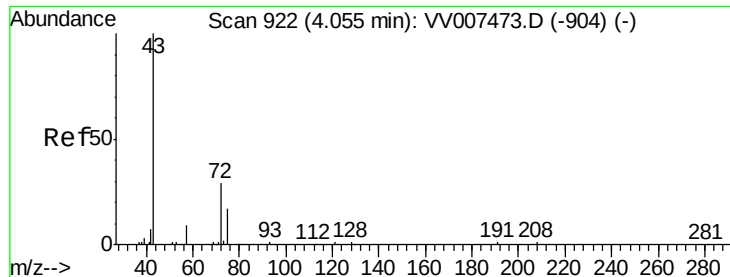
Tot Ion: 43 Resp: 10047
Ion Ratio Lower Upper
43 100
74 1.5 20.0 30.0#



#19
1,1-Dichloroethane
Concen: 0.219 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.01 min
Lab File: VV007491.D
Acq: 12 Sep 2018 22:40

Tgt Ion: 63 Resp: 2441
Ion Ratio Lower Upper
63 100
65 37.5 24.0 44.6
83 34.7 12.5 23.1#





#21

2-Butanone

Concen: 1.526 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

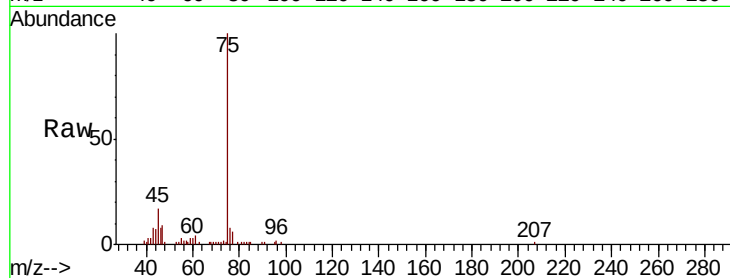
C0KM6

Tot Ion: 43 Resp: 2065

Ion Ratio Lower Upper

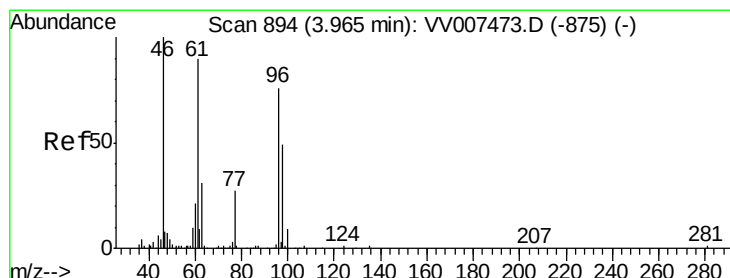
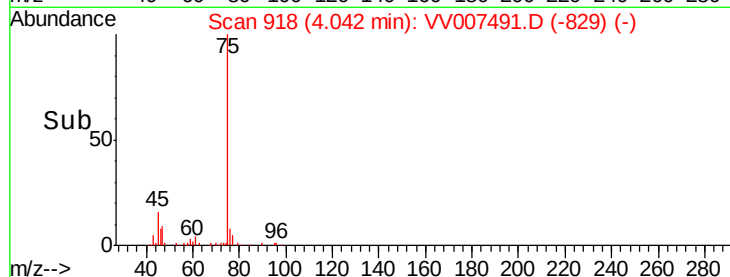
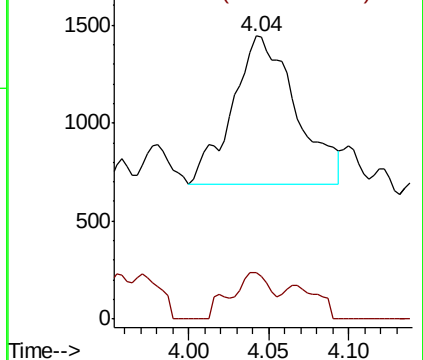
43 100

72 15.1 14.8 44.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 5.447 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

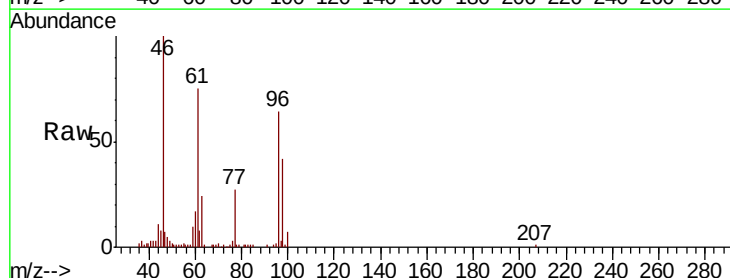
Tgt Ion: 96 Resp: 36535

Ion Ratio Lower Upper

96 100

61 118.0 82.6 153.4

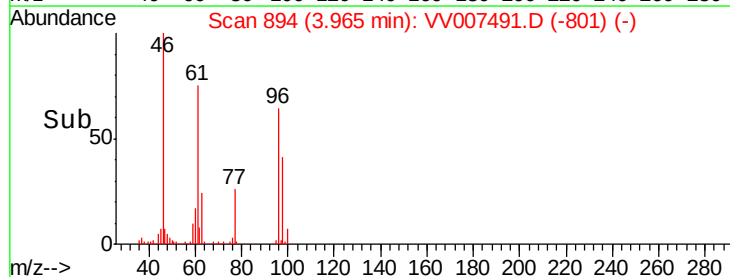
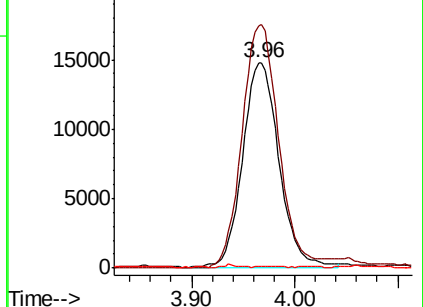
68 0.9 1.2 2.2#

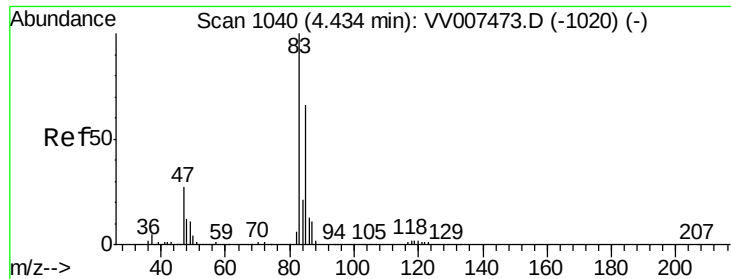


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

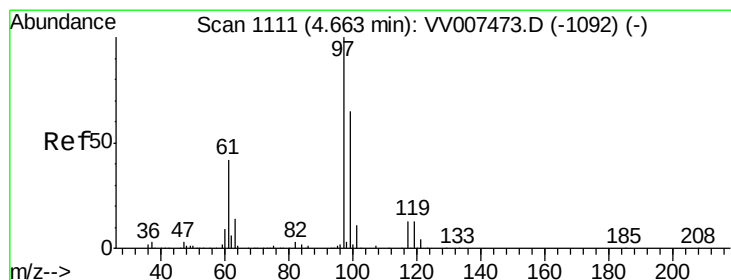
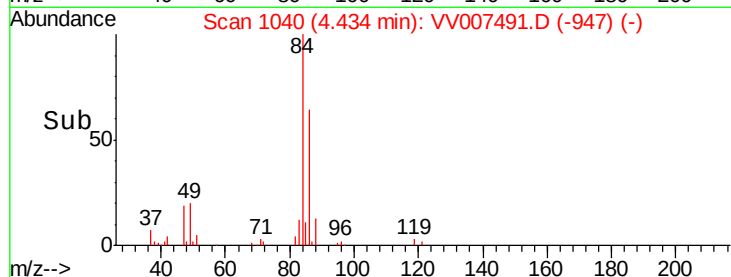
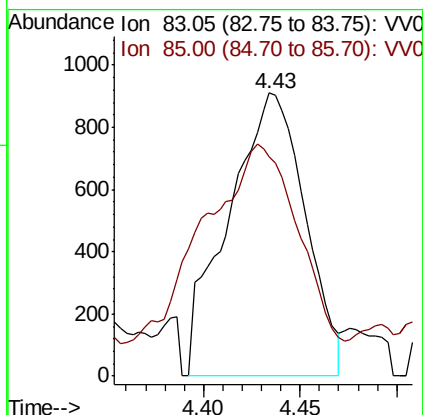
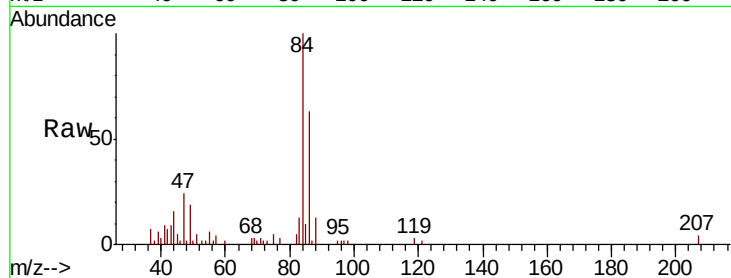




#25
Chloroform
Concen: 0.218 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007491.D
Acq: 12 Sep 2018 22:40

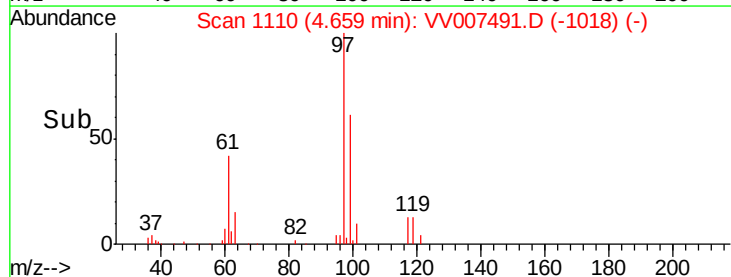
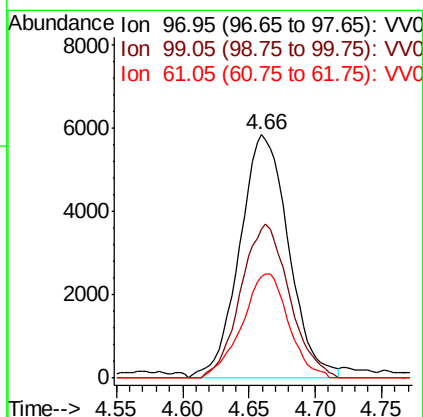
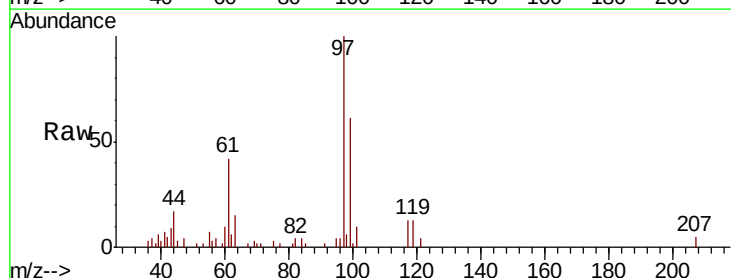
Instrument :
MSVOA_V
ClientSampled :
C0KM6

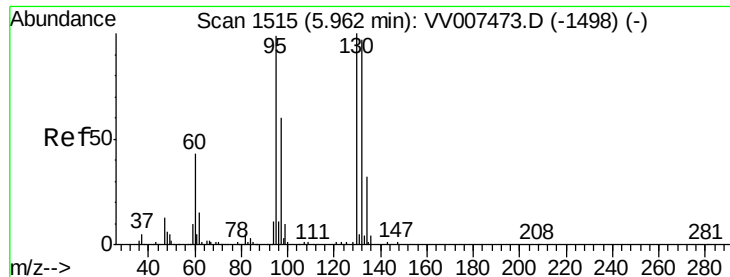
Tot Ion: 83 Resp: 2508
Ion Ratio Lower Upper
83 100
85 77.7 46.6 86.6



#29
1,1,1-Trichloroethane
Concen: 1.324 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV007491.D
Acq: 12 Sep 2018 22:40

Tgt Ion: 97 Resp: 15033
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 40.7 33.4 50.2





#34

Trichloroethene

Concen: 58.146 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

C0KM6

Tot Ion: 95 Resp: 421417

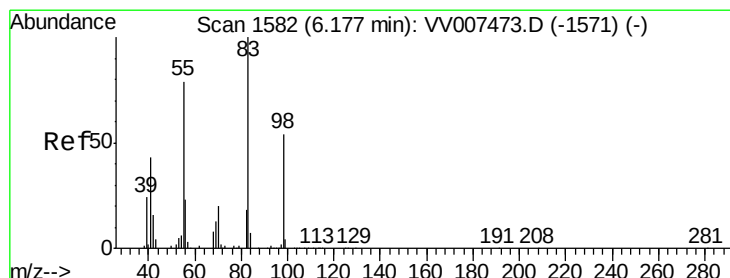
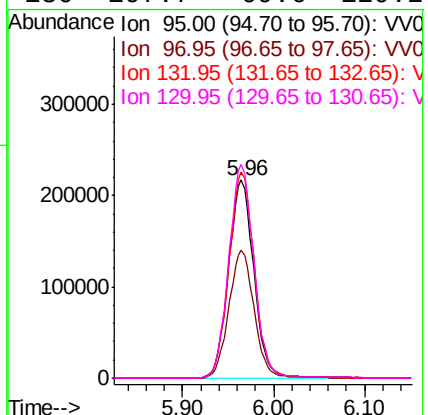
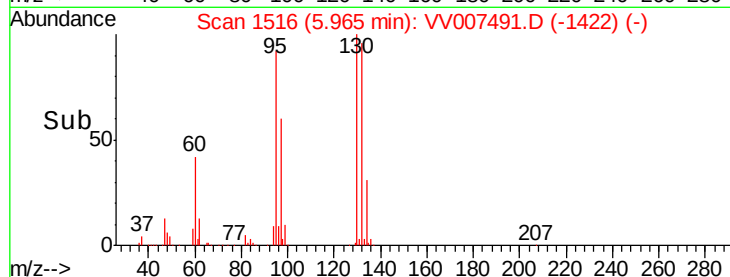
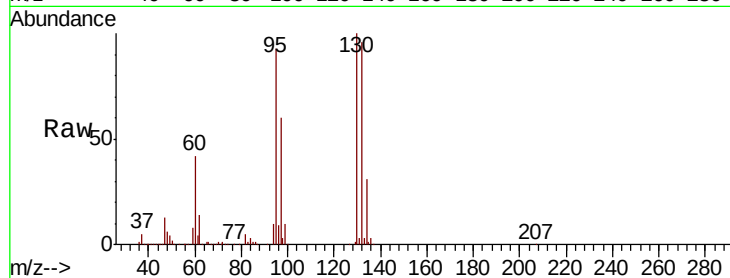
Ion Ratio Lower Upper

95 100

97 64.4 42.8 79.4

132 103.8 67.6 125.6

130 107.7 69.6 129.2



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

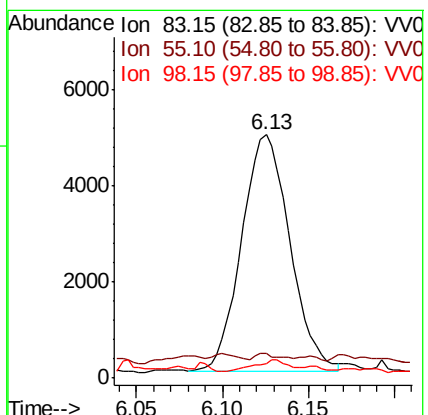
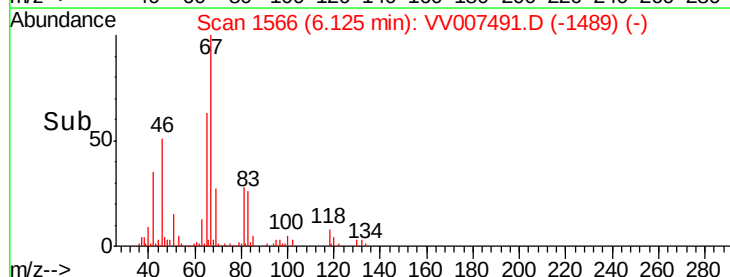
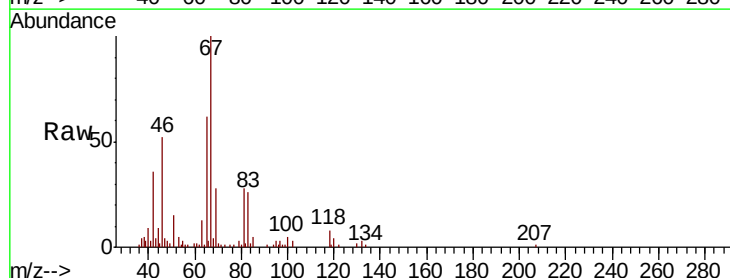
Tgt Ion: 83 Resp: 9558

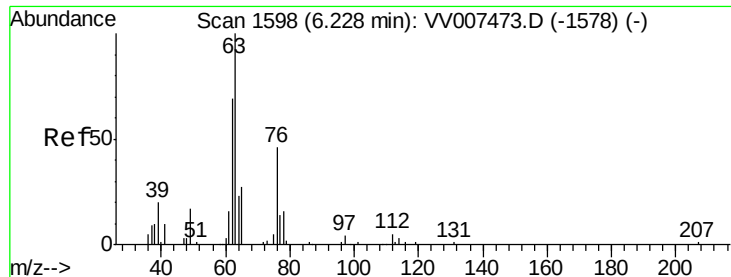
Ion Ratio Lower Upper

83 100

55 1.5 57.4 86.0#

98 0.0 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.824 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Instrument :

MSVOA_V

ClientSampled :

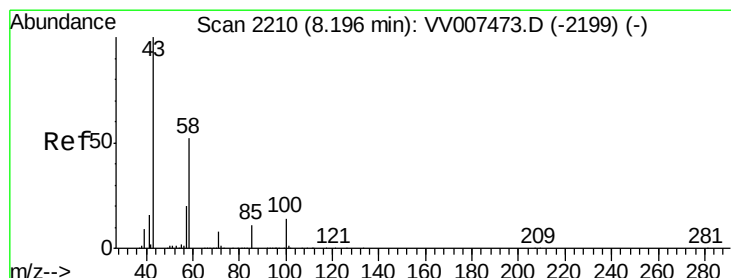
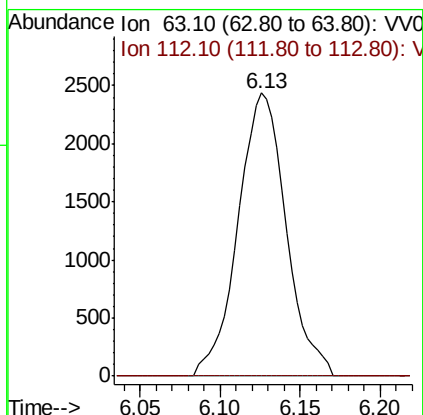
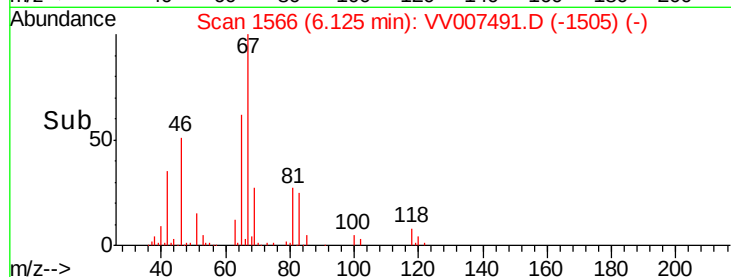
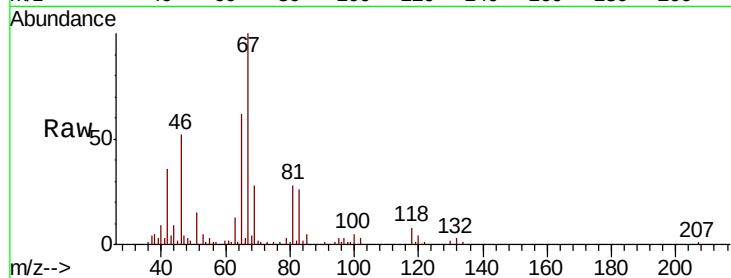
C0KM6

Tot Ion: 63 Resp: 5018

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 3.940 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV007491.D

Acq: 12 Sep 2018 22:40

Tgt Ion: 43 Resp: 9942

Ion Ratio Lower Upper

43 100

58 32.6 47.9 71.9#

57 6.4 16.2 24.2#

100 7.2 11.0 16.4#

