

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007493.D
 Acq On : 12 Sep 2018 23:35
 Operator : SY/MD
 Sample : J4871-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KM9

Quant Time: Sep 13 03:18:57 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	122394	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34414	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	26125	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	52520	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.96	46	66565	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	4.41	84	62842	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	33971	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	124648	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.13	67	37628	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	126833	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	18116	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	37491	41.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27254	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	49998	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

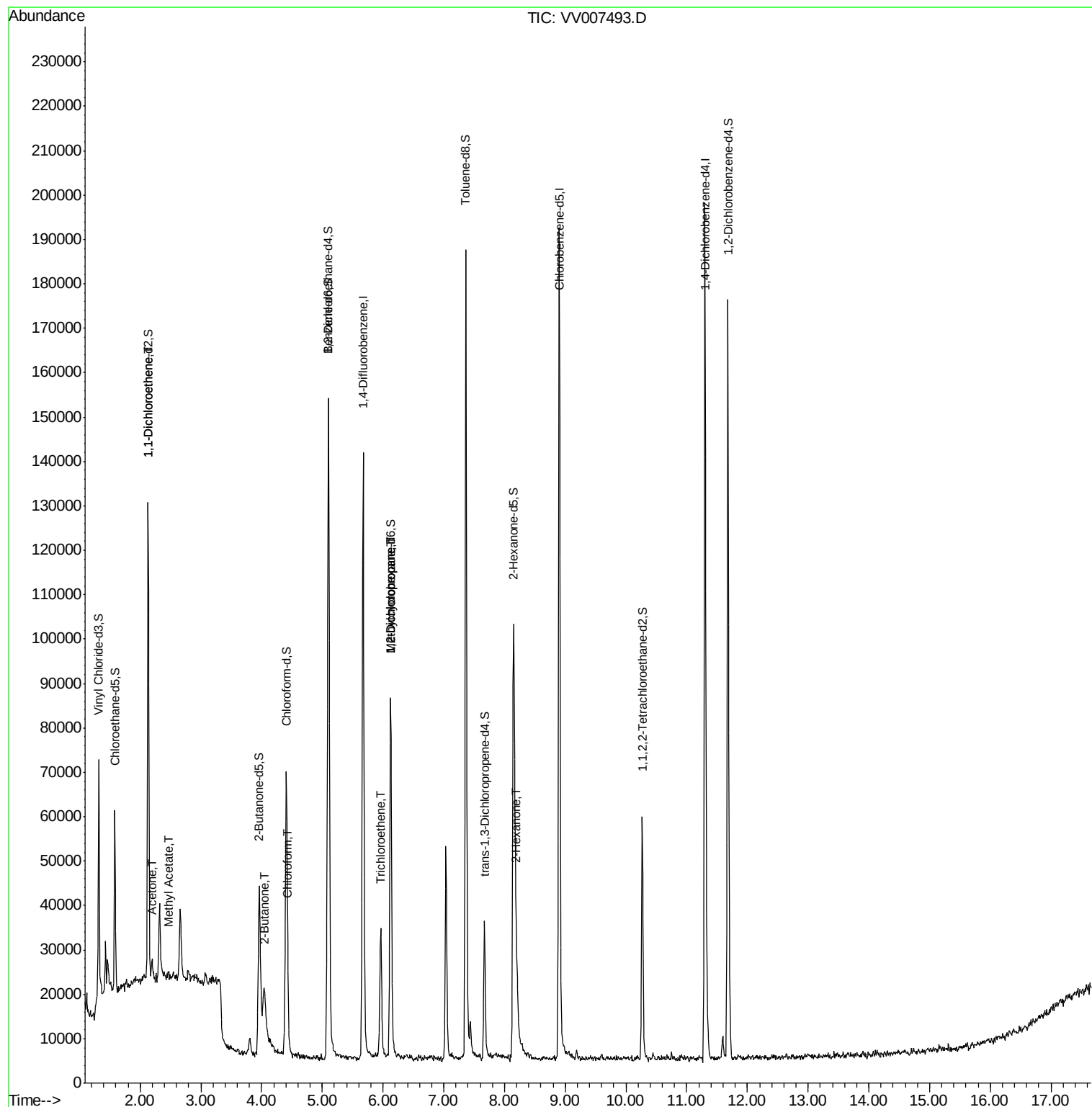
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	1375	0.218	ug/L #	1
13) Acetone	2.20	43	3702	4.496	ug/L	92
15) Methyl Acetate	2.47	43	960	0.422	ug/L #	14
21) 2-Butanone	4.05	43	1320	0.986	ug/L #	71
25) Chloroform	4.44	83	2419	0.213	ug/L	89
34) Trichloroethene	5.96	95	7841	1.056	ug/L	85
35) Methylcyclohexane	6.13	83	10551	0.916	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	4542	0.729	ug/L #	86
48) 2-Hexanone	8.20	43	7058	2.731	ug/L #	43

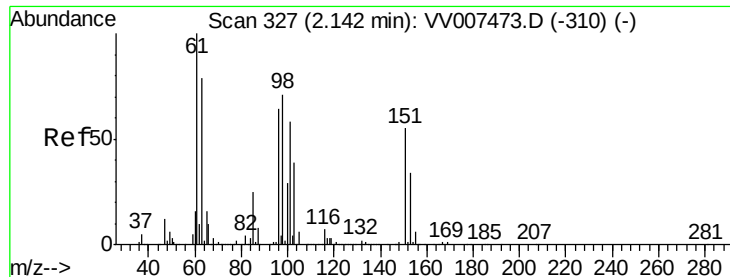
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 02:33:45 2018
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#12

1,1-Dichloroethene

Concen: 0.218 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007493.D

Acq: 12 Sep 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

C0KM9

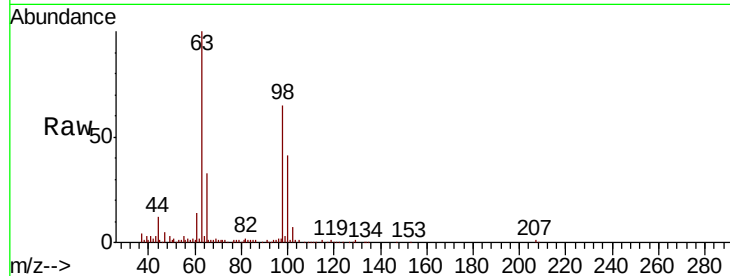
Tot Ion: 96 Resp: 1375

Ion Ratio Lower Upper

96 100

61 545.4 108.0 200.6#

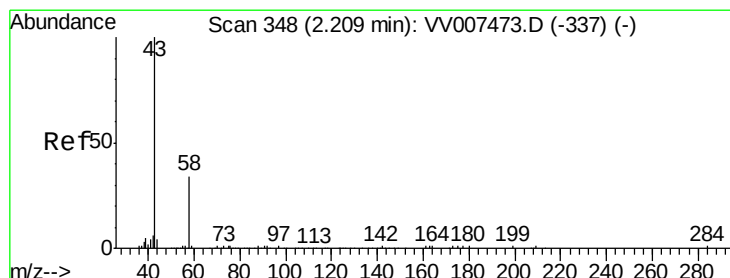
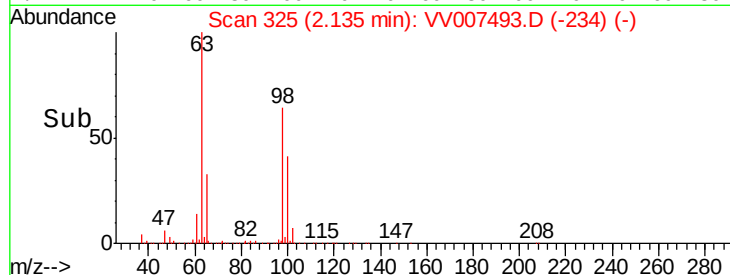
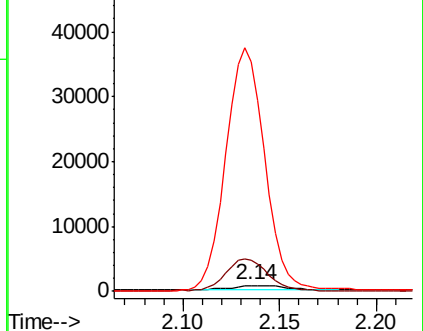
63 4036.5 85.7 159.1#



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



#13

Acetone

Concen: 4.496 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV007493.D

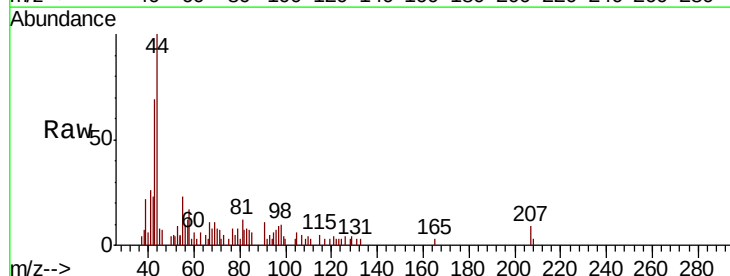
Acq: 12 Sep 2018 23:35

Tgt Ion: 43 Resp: 3702

Ion Ratio Lower Upper

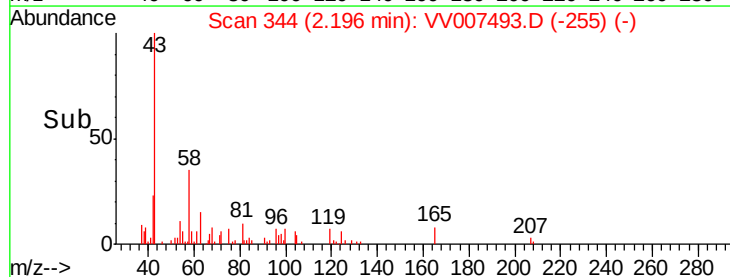
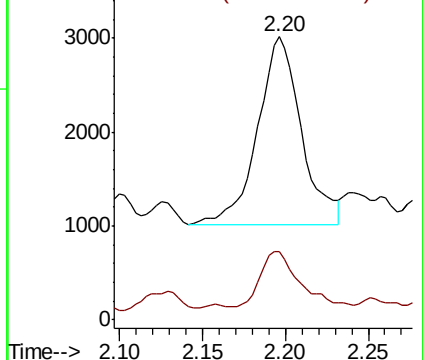
43 100

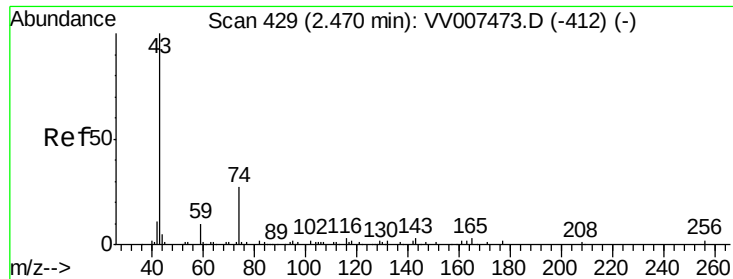
58 28.1 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

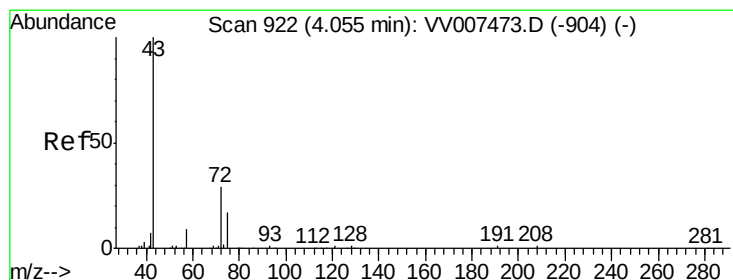
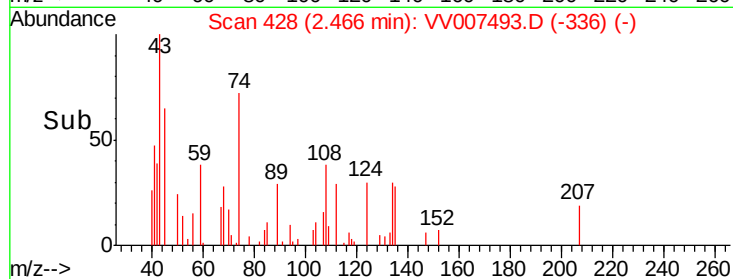
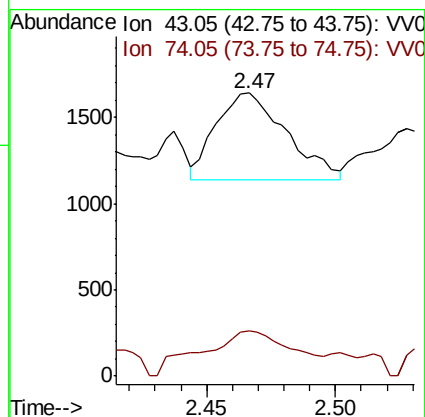
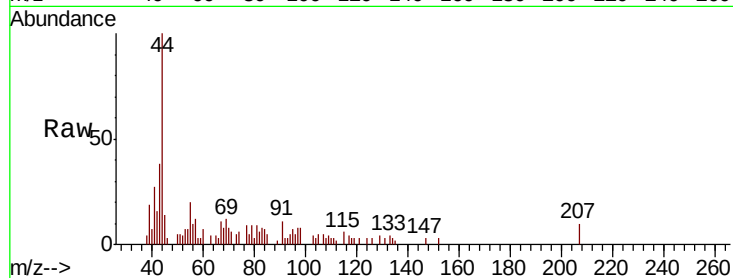




#15
Methvl Acetate
Concen: 0.422 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV007493.D
Acq: 12 Sep 2018 23:35

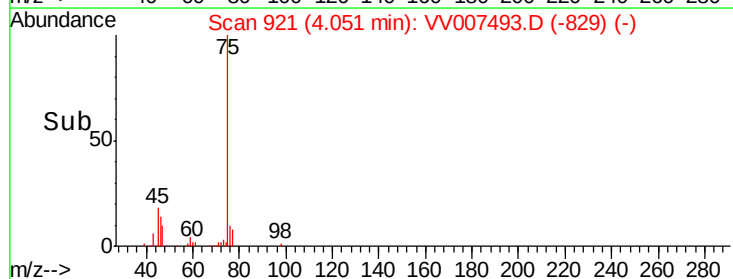
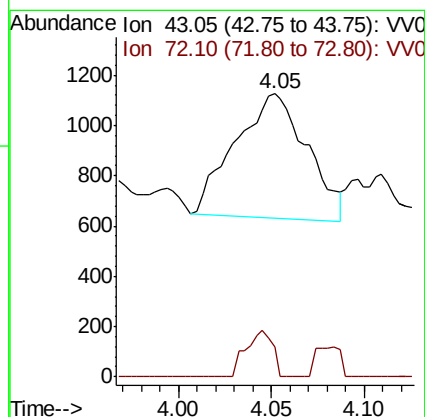
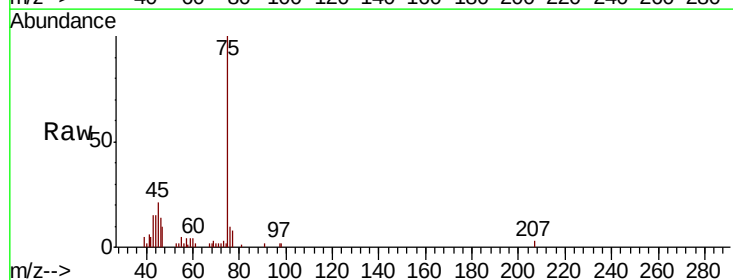
Instrument :
MSVOA_V
ClientSampled :
C0KM9

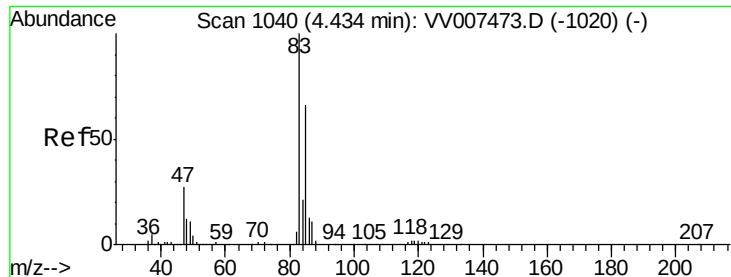
Tot Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
74 68.1 20.0 30.0#



#21
2-Butanone
Concen: 0.986 ug/L
RT: 4.05 min Scan# 921
Delta R.T. -0.00 min
Lab File: VV007493.D
Acq: 12 Sep 2018 23:35

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
72 14.0 14.8 44.4#





#25

Chloroform

Concen: 0.213 ug/L

RT: 4.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VV007493.D

Acq: 12 Sep 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

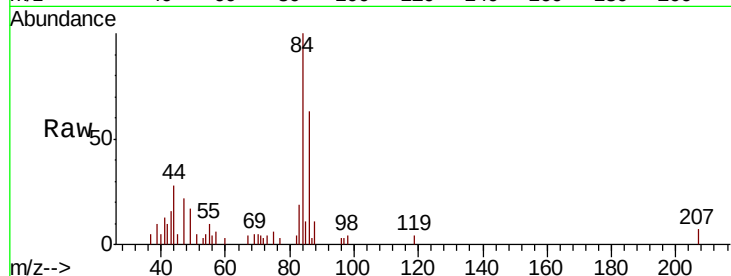
C0KM9

Tot Ion: 83 Resp: 2419

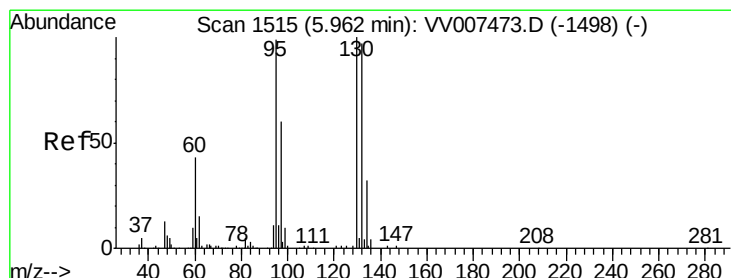
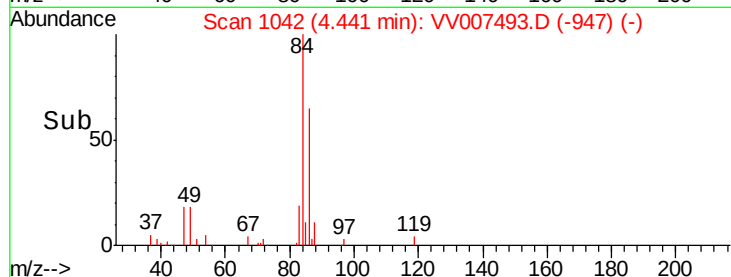
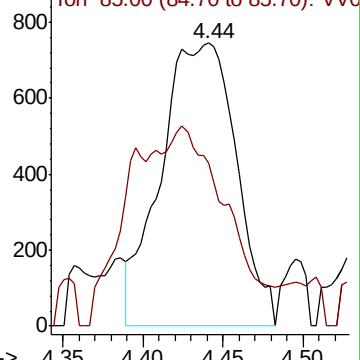
Ion Ratio Lower Upper

83 100

85 57.9 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV007473.D (-1020) (-)



#34

Trichloroethene

Concen: 1.056 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007493.D

Acq: 12 Sep 2018 23:35

Tgt Ion: 95 Resp: 7841

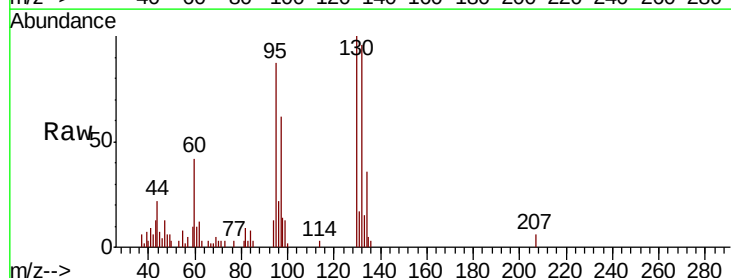
Ion Ratio Lower Upper

95 100

97 71.6 42.8 79.4

132 110.4 67.6 125.6

130 115.4 69.6 129.2



Abundance Ion 95.00 (94.70 to 95.70): VV007473.D (-1498) (-)

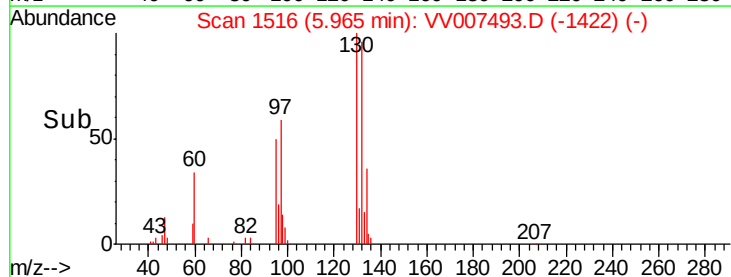
Ion 96.95 (96.65 to 97.65): VV007473.D (-1498) (-)

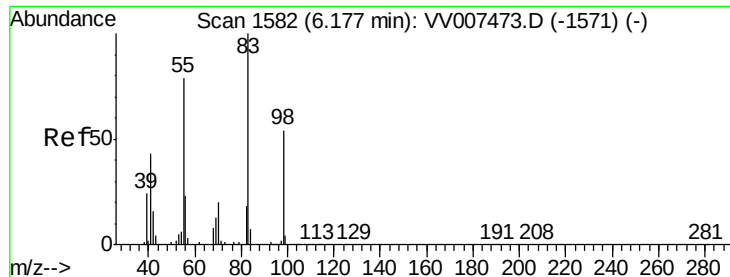
Ion 131.95 (131.65 to 132.65): VV007473.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV007473.D (-1498) (-)

Time-->

Chromatogram showing abundance (0 to 6000) versus time (5.90 to 6.00 minutes). A peak is labeled at 5.96 minutes.

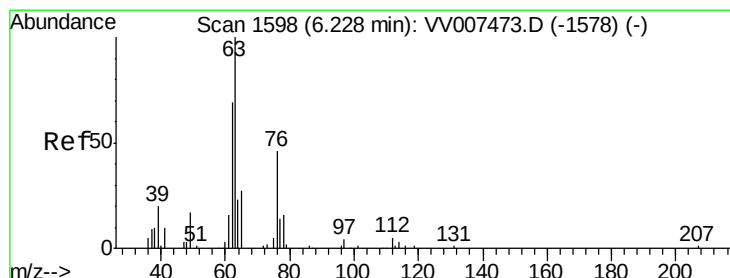
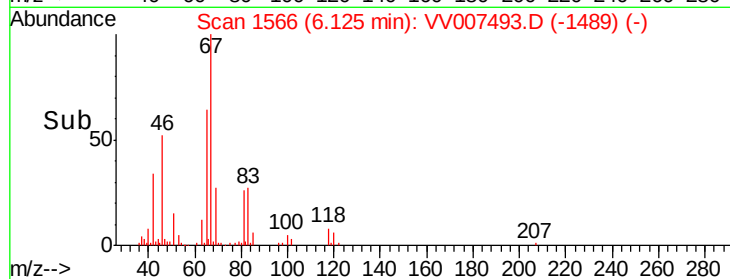
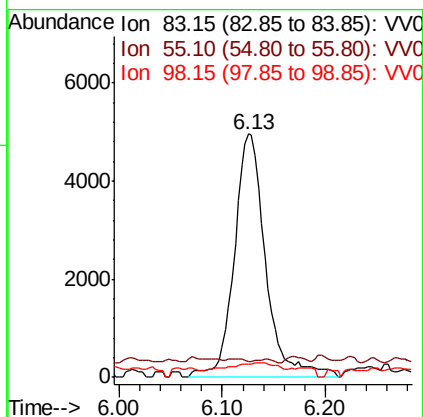
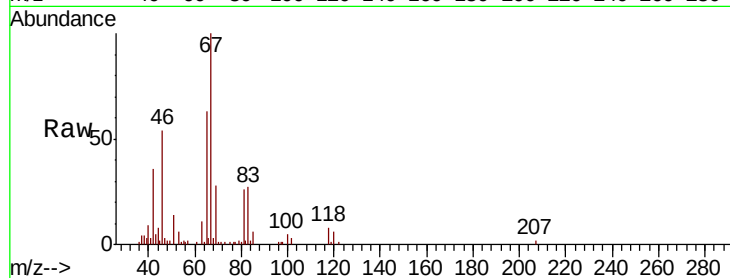




#35
Methvlcvclohexane
Concen: 0.916 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007493.D
Acq: 12 Sep 2018 23:35

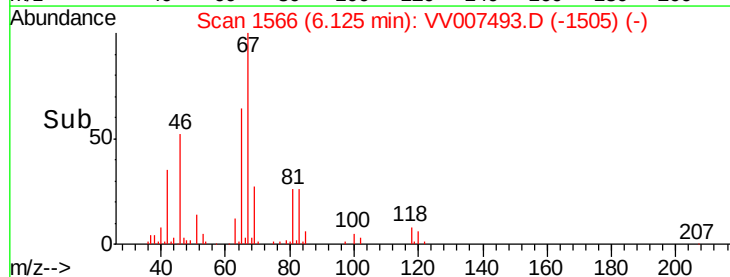
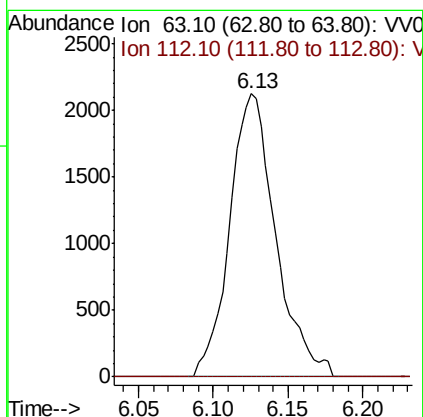
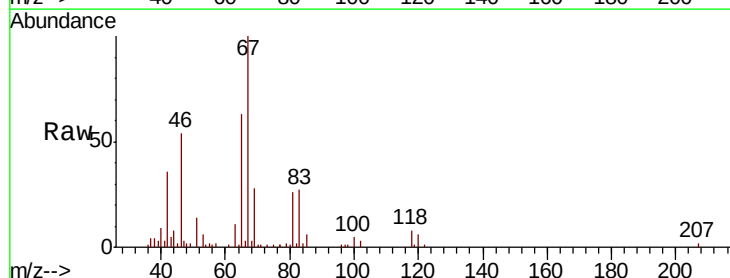
Instrument :
MSVOA_V
ClientSampleId :
C0KM9

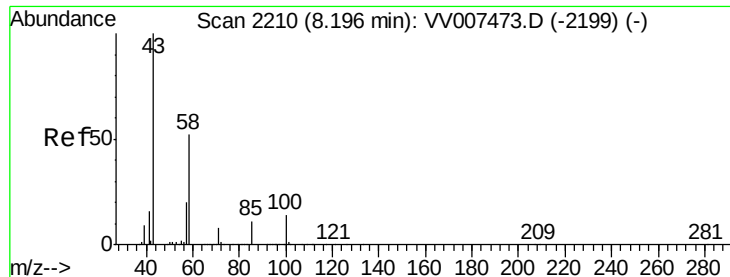
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.7	57.4	86.0#
98	1.5	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007493.D
Acq: 12 Sep 2018 23:35

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#48

2-Hexanone

Concen: 2.731 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV007493.D

Acq: 12 Sep 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

C0KM9

Tot Ion: 43 Resp: 7058

Ion Ratio Lower Upper

43 100

58 0.0 47.9 71.9#

57 29.0 16.2 24.2#

100 6.7 11.0 16.4#

