

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006976.D
 Acq On : 10 Aug 2018 11:34
 Operator : SY/MD
 Sample : J4358-09DL 20X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWX0DL

Quant Time: Aug 10 23:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 23:13:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251489	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71918	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	64767	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	97922	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.97	46	205064	43.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.84%
24) Chloroform-d	4.41	84	158420	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	82349	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	297477	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	107563	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.37	98	221044	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.67	79	33146	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.15	63	116904	38.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77354	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	83408	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

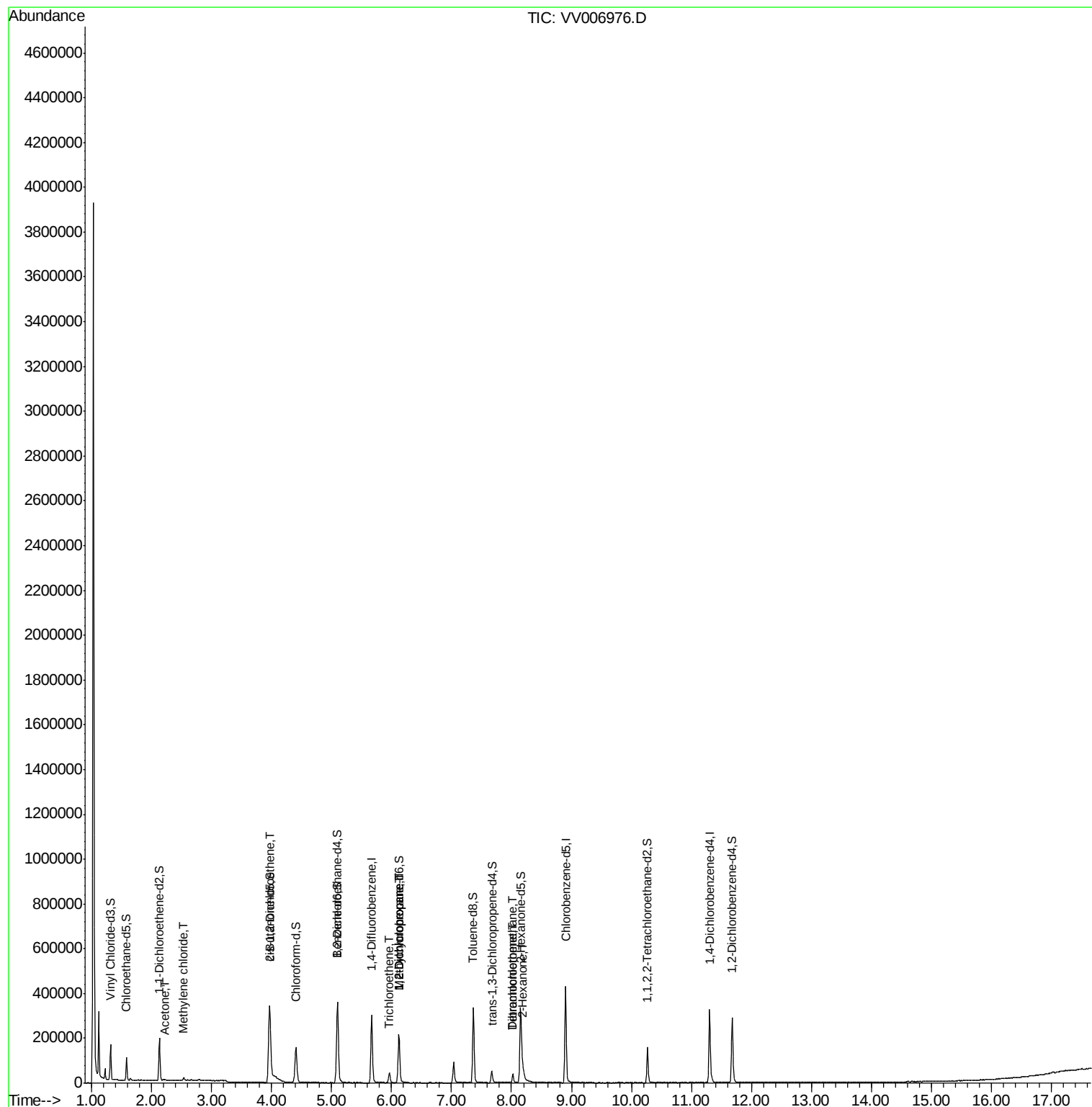
					Ovalue
13) Acetone	2.22	43	1526	0.635 ug/L	64
16) Methylene chloride	2.54	84	5049	0.232 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	135412	6.171 ug/L	97
34) Trichloroethene	5.96	95	14383	0.719 ug/L	96
35) Methylcyclohexane	6.12	83	25243	0.786 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11127	0.487 ug/L #	87
47) Tetrachloroethene	8.03	164	8529	0.526 ug/L	94
48) 2-Hexanone	8.20	43	13146	1.510 ug/L #	67
49) Dibromochloromethane	8.02	129	7584	0.486 ug/L #	11

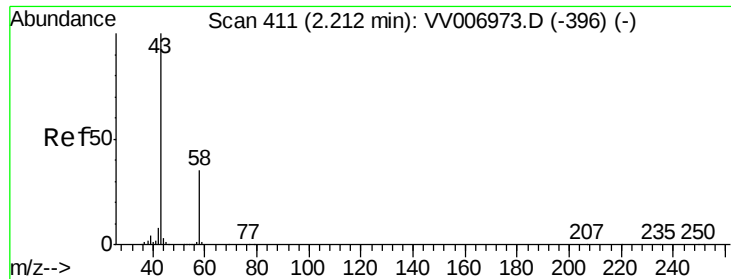
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 23:13:31 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.635 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.01 min

Lab File: VV006976.D

Acq: 10 Aug 2018 11:34

Instrument :

MSVOA_V

ClientSampleId :

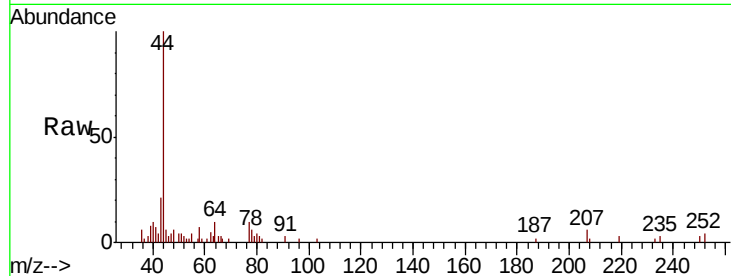
ESWX0DL

Tot Ion: 43 Resp: 1526

Ion Ratio Lower Upper

43 100

58 14.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

1200

1000

800

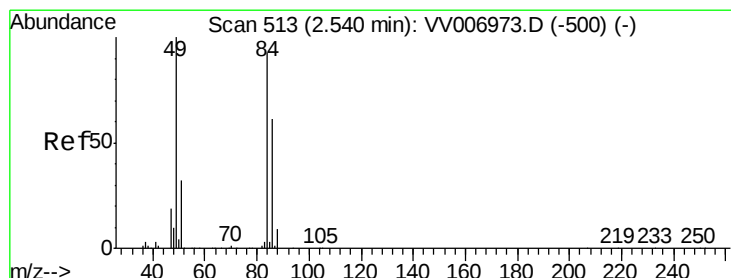
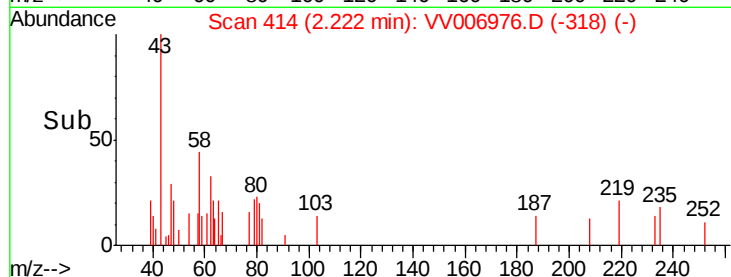
600

400

200

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006976.D

Acq: 10 Aug 2018 11:34

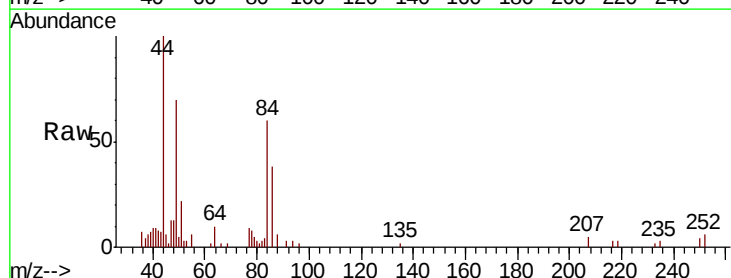
Tgt Ion: 84 Resp: 5049

Ion Ratio Lower Upper

84 100

86 62.8 45.7 84.9

49 117.4 78.8 146.4



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

4000

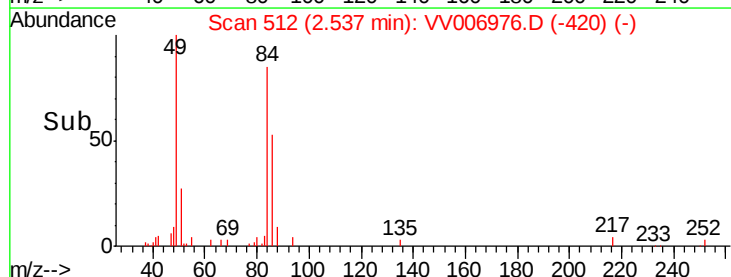
3000

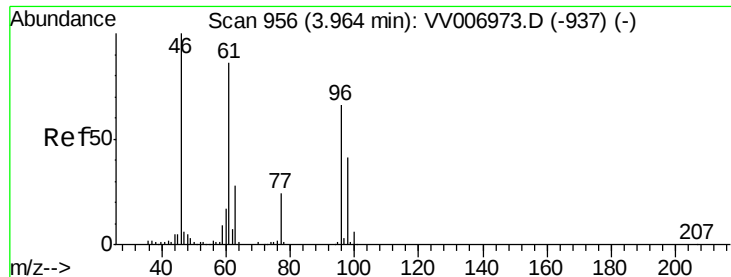
2000

1000

0

Time--> 2.50 2.55 2.60





#22

cis-1,2-Dichloroethene

Concen: 6.171 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006976.D

Acq: 10 Aug 2018 11:34

Instrument :

MSVOA_V

ClientSampled :

ESWX0DL

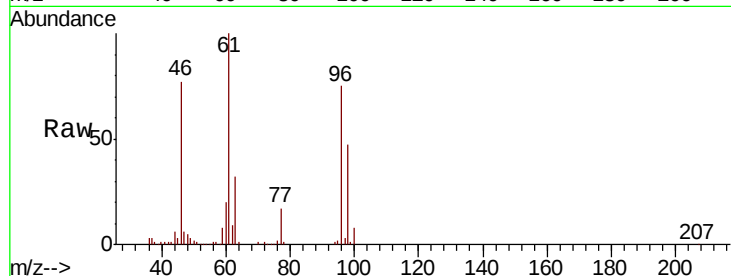
Tot Ion: 96 Resp: 135412

Ion Ratio Lower Upper

96 100

61 133.5 91.1 169.1

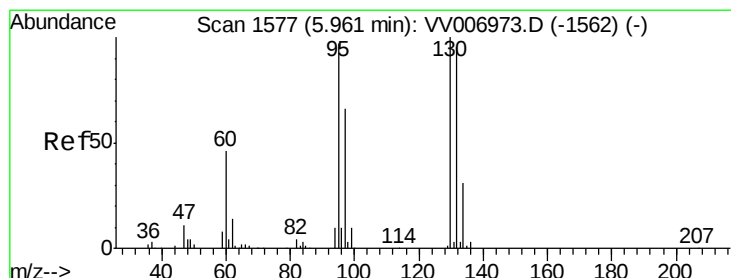
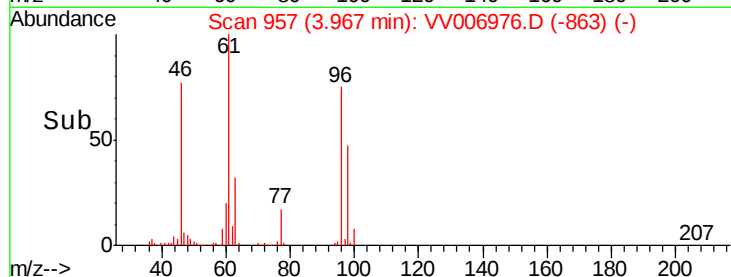
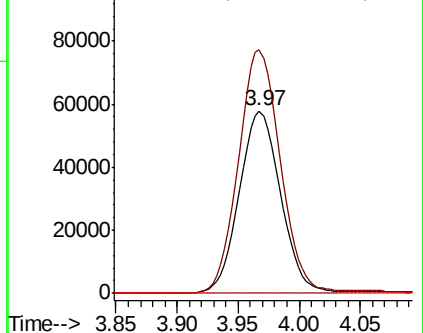
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006976.D (-1484) (-)

Ion 61.05 (60.75 to 61.75): VV006976.D (-1484) (-)

Ion 68.15 (67.85 to 68.85): VV006976.D (-1484) (-)



#34

Trichloroethene

Concen: 0.719 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006976.D

Acq: 10 Aug 2018 11:34

Tgt Ion: 95 Resp: 14383

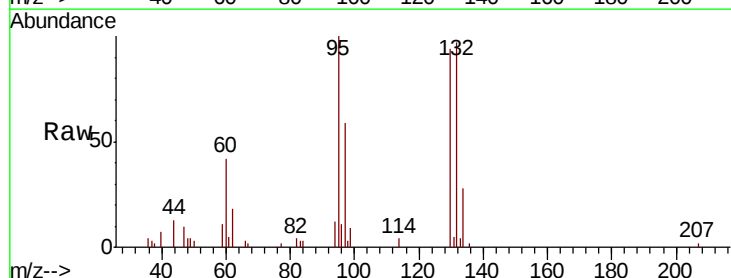
Ion Ratio Lower Upper

95 100

97 59.1 44.8 83.2

132 97.3 65.5 121.6

130 93.7 66.4 123.4

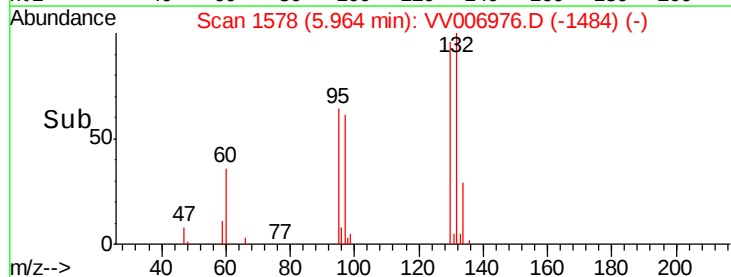
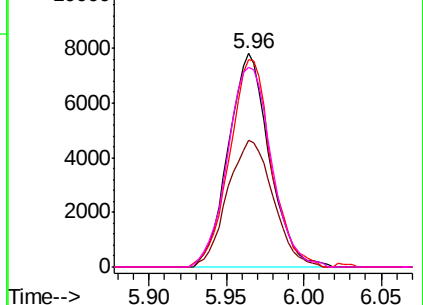


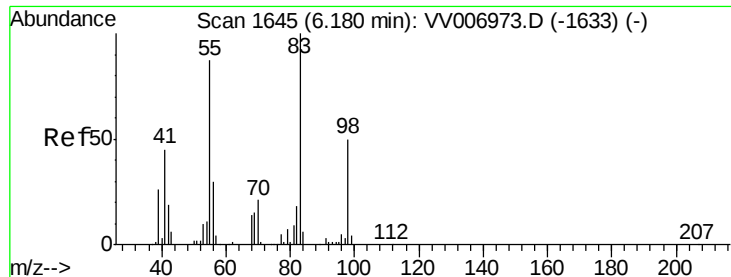
Abundance Ion 95.00 (94.70 to 95.70): VV006976.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006976.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006976.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006976.D (-1484) (-)

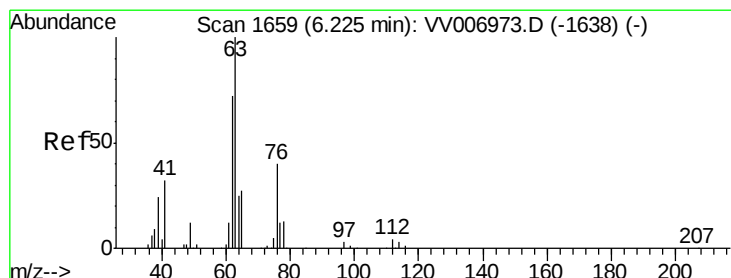
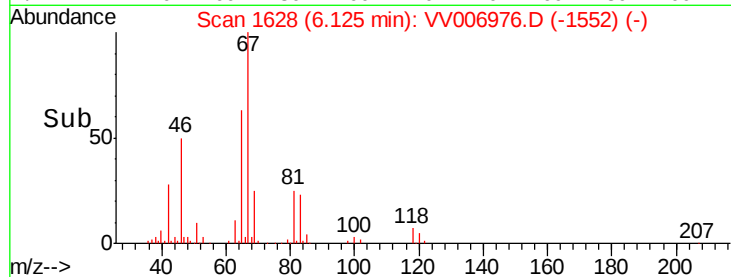
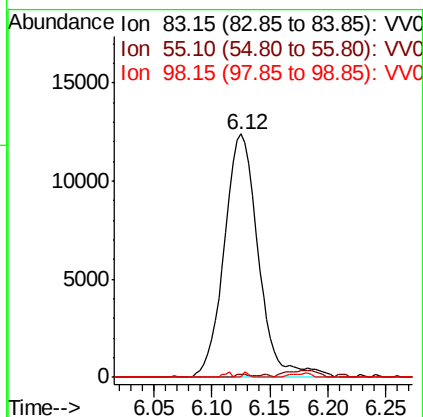
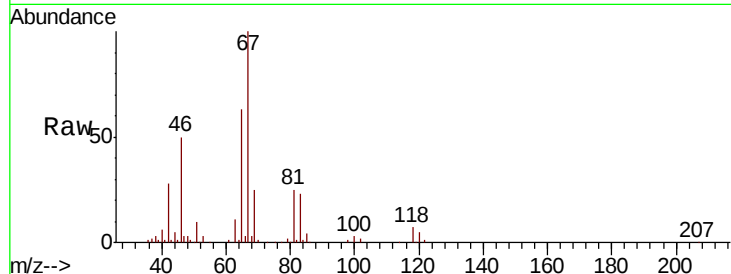




#35
Methvlcvclohexane
Concen: 0.786 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006976.D
Acq: 10 Aug 2018 11:34

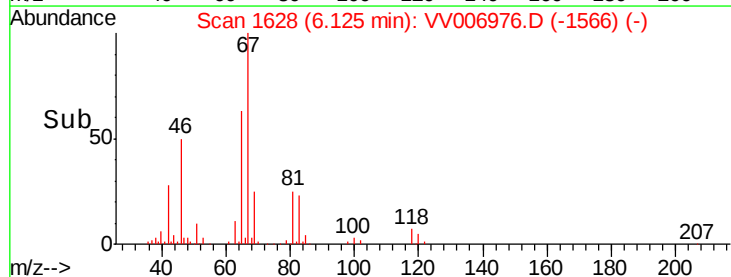
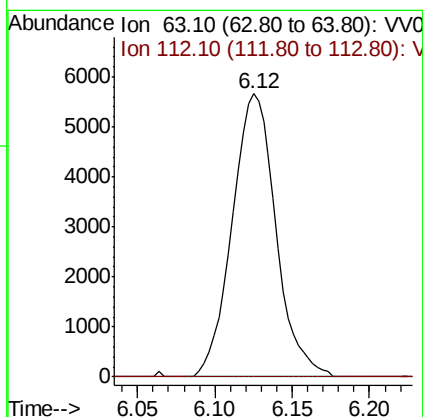
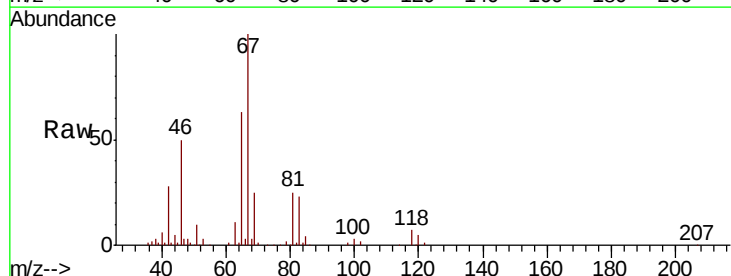
Instrument :
MSVOA_V
ClientSampleId :
ESWX0DL

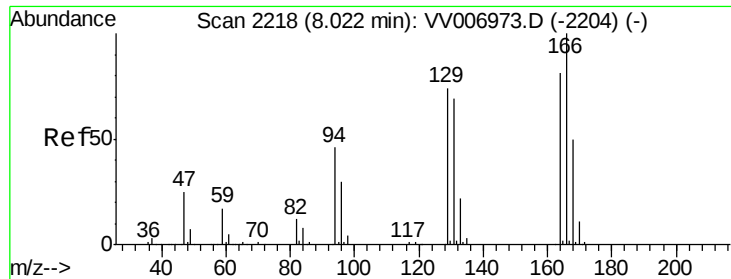
Tot Ion: 83 Resp: 25243
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006976.D
Acq: 10 Aug 2018 11:34

Tgt Ion: 63 Resp: 11127
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#

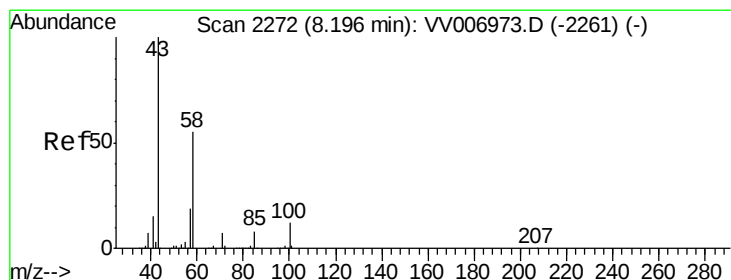
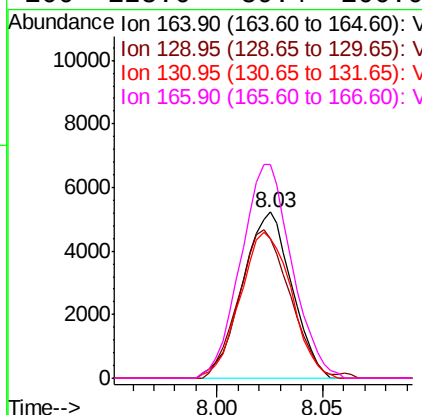
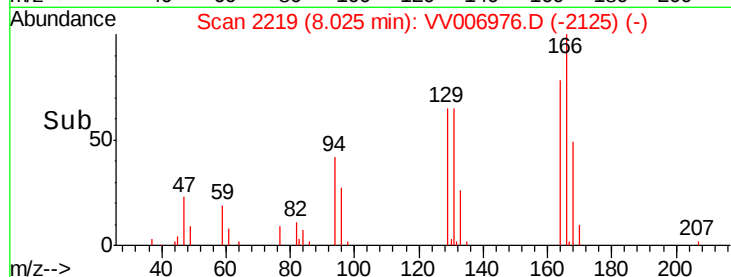
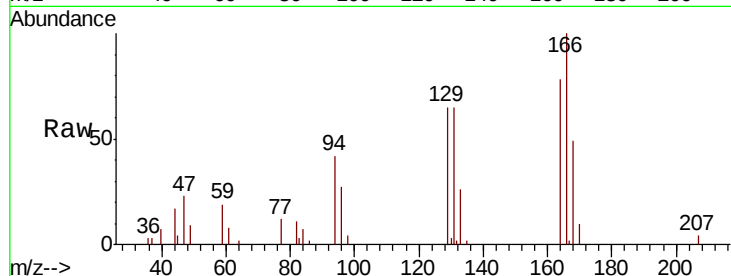




#47
Tetrachloroethene
Concen: 0.526 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VV006976.D
Acq: 10 Aug 2018 11:34

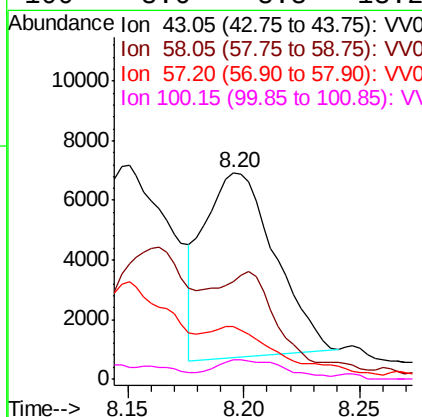
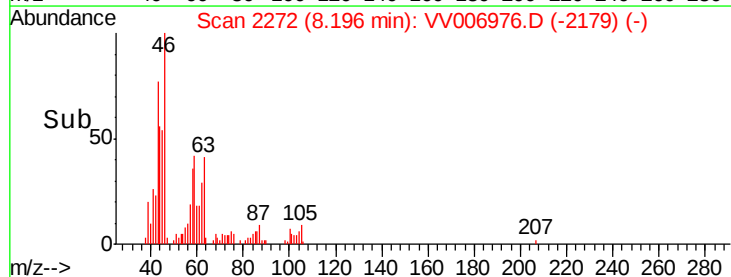
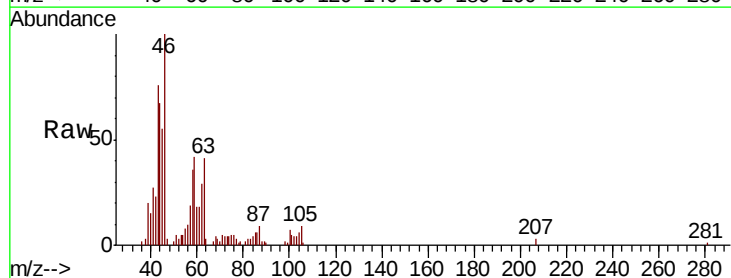
Instrument :
MSVOA_V
ClientSampleId :
ESWX0DL

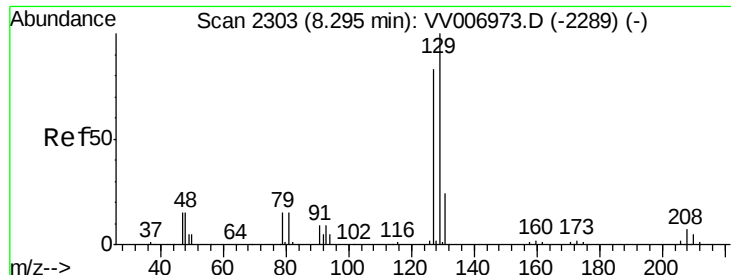
Tot Ion:	164	Resp:	8529
Ion	Ratio	Lower	Upper
164	100		
129	84.2	65.9	122.3
131	84.1	64.2	119.2
166	128.6	89.4	166.0



#48
2-Hexanone
Concen: 1.510 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006976.D
Acq: 10 Aug 2018 11:34

Tgt Ion:	43	Resp:	13146
Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.2	66.2#
57	0.0	14.8	22.2#
100	8.6	8.8	13.2#





#49

Dibromochloromethane

Concen: 0.486 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006976.D

Acq: 10 Aug 2018 11:34

Instrument :

MSVOA_V

ClientSampleId :

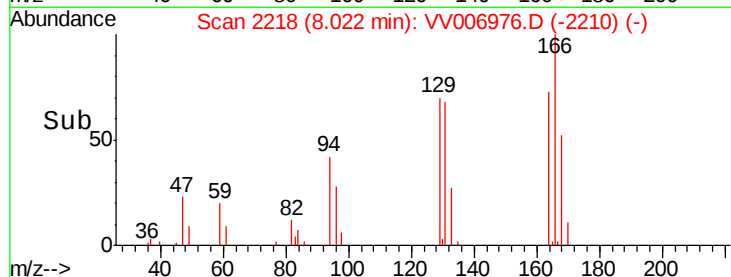
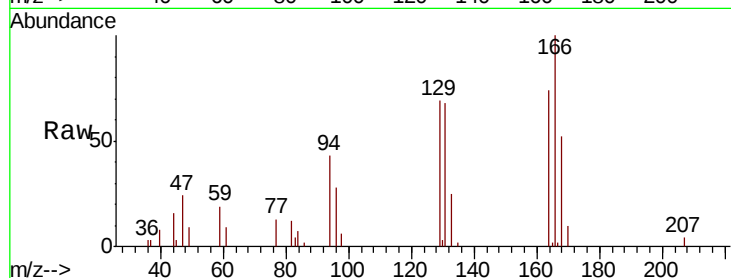
ESWX0DL

Tot Ion:129 Resp: 7584

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

