

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008312.D
 Acq On : 16 Oct 2018 22:55
 Operator : SY/MD
 Sample : J5407-02DL 4X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS4DL

Quant Time: Oct 17 05:05:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90053	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25478	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.58	69	16546	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	37163	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	81382	47.68	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.41	84	50298	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	26745	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	109833	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	37018	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	96574	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	12749	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	47746	42.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21599	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	28687	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

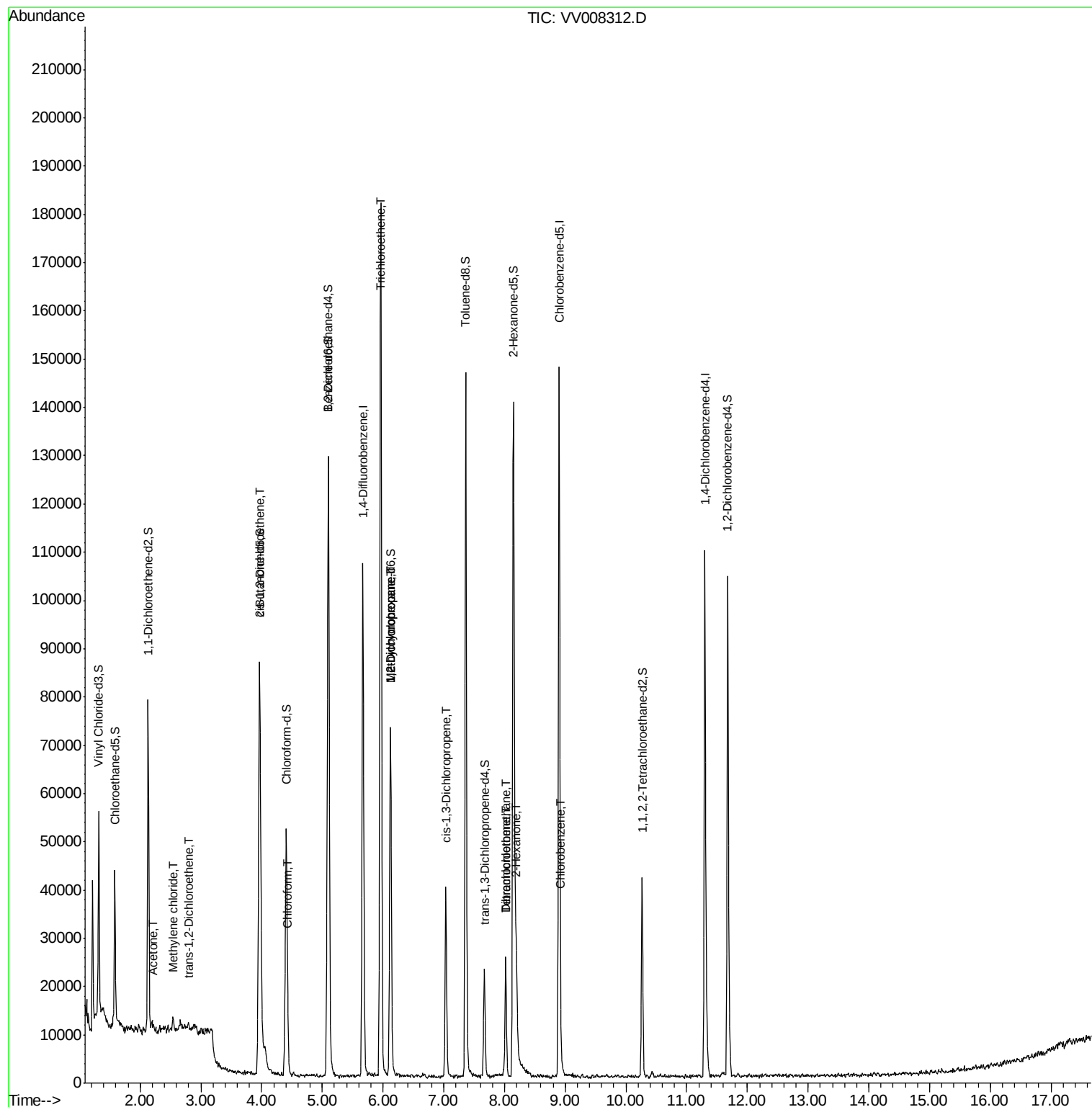
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	1868	2.023	ug/L	88
16) Methylene chloride	2.54	84	1433	0.286	ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	459	0.099	ug/L #	53
22) cis-1,2-Dichloroethene	3.97	96	23605	3.141	ug/L #	98
25) Chloroform	4.44	83	1179	0.100	ug/L	99
34) Trichloroethene	5.96	95	63254	8.490	ug/L	98
35) Methylcyclohexane	6.13	83	8378	0.667	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3760	0.518	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	933	0.090	ug/L #	54
47) Tetrachloroethene	8.02	164	4853	1.040	ug/L	92
48) 2-Hexanone	8.20	43	17541	5.402	ug/L #	81
49) Dibromochloromethane	8.02	129	5107	0.995	ug/L #	10
51) Chlorobenzene	8.93	112	1964	0.118	ug/L	92

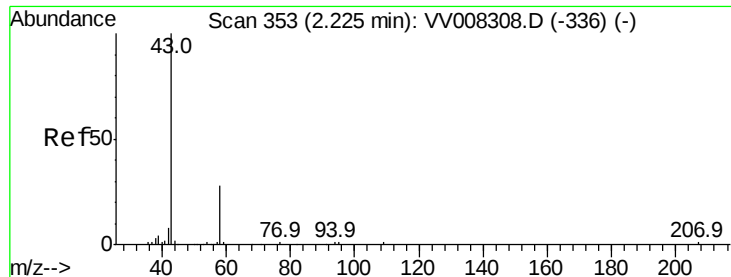
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.023 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

Instrument :

MSVOA_V

ClientSampleId :

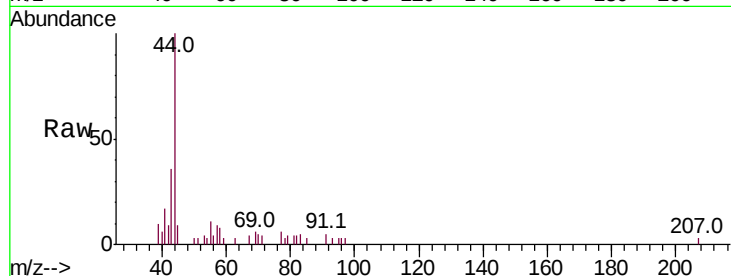
CWJS4DL

Tot Ion: 43 Resp: 1868

Ion Ratio Lower Upper

43 100

58 37.5 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

1500

1000

500

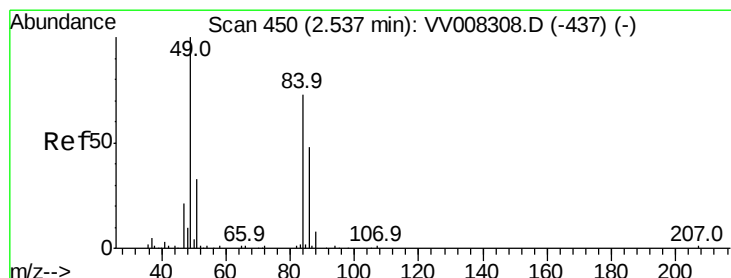
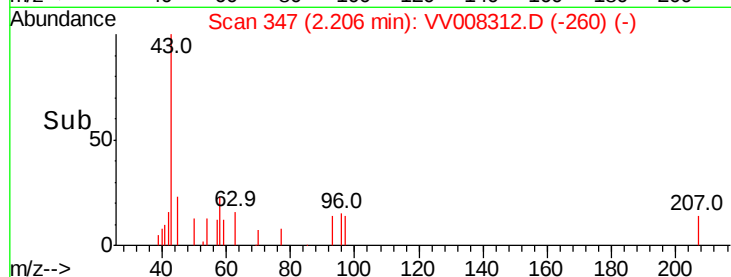
0

Time-->

2.15

2.20

2.25



#16

Methylene chloride

Concen: 0.286 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

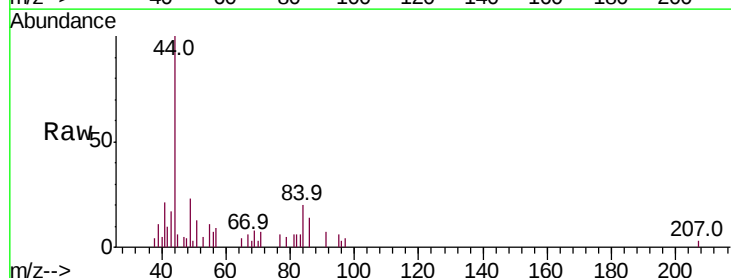
Tgt Ion: 84 Resp: 1433

Ion Ratio Lower Upper

84 100

86 69.1 45.0 83.6

49 114.7 92.9 172.5



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

1200

1000

800

600

400

200

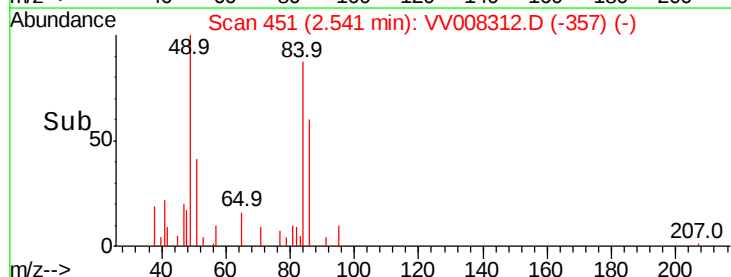
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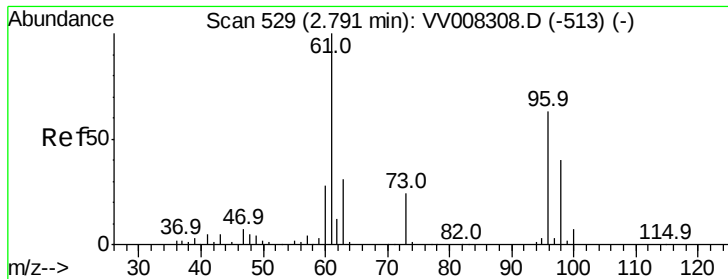
Time-->

2.50

2.55

2.60

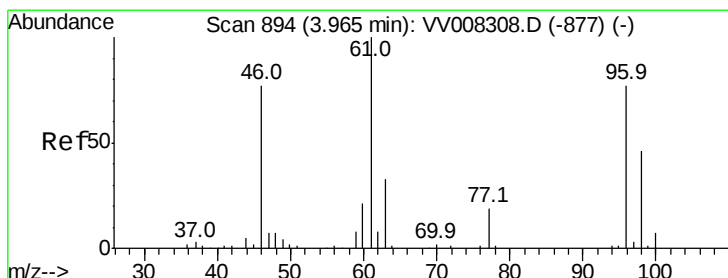
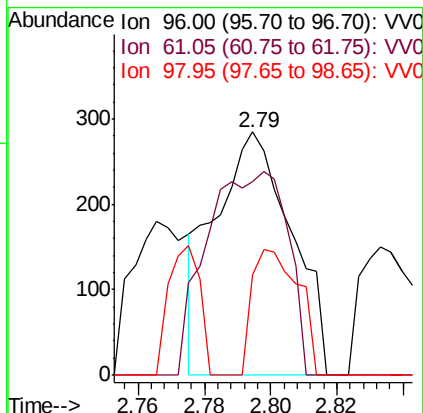
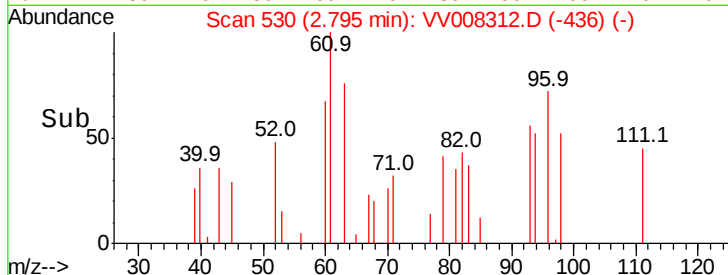
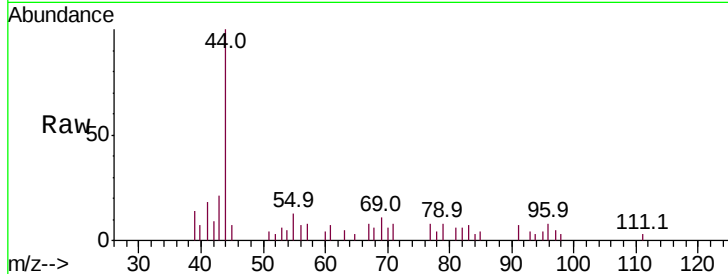




#18
trans-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

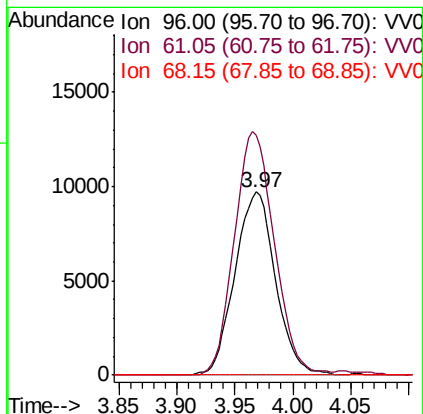
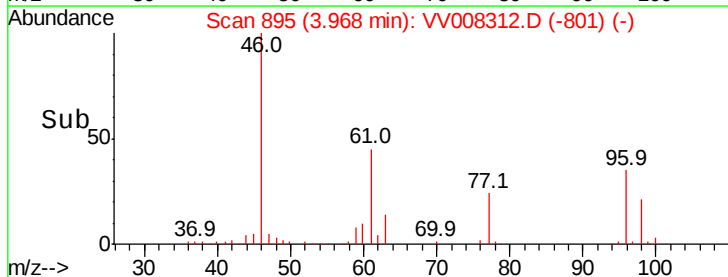
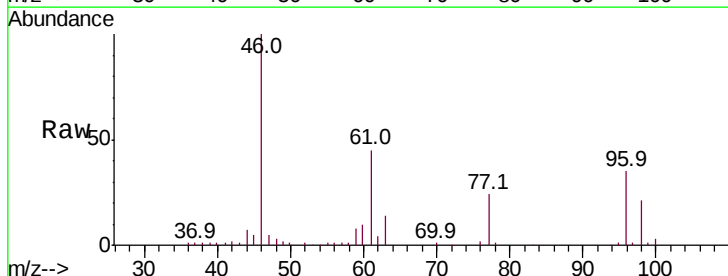
Instrument :
MSVOA_V
ClientSampleID :
CWJS4DL

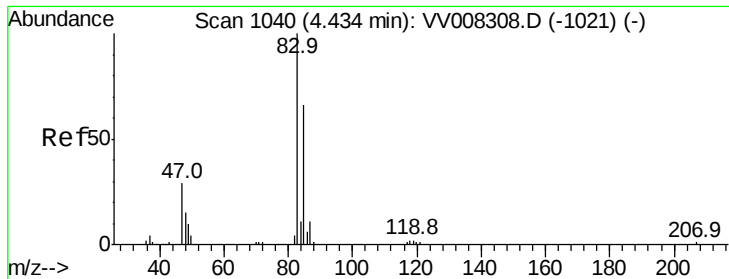
Tot Ion: 96 Resp: 459
Ion Ratio Lower Upper
96 100
61 79.6 104.6 194.2#
98 41.1 44.1 81.9#



#22
cis-1,2-Dichloroethene
Concen: 3.141 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

Tgt Ion: 96 Resp: 23605
Ion Ratio Lower Upper
96 100
61 131.2 93.7 174.1
68 0.0 0.6 1.2#

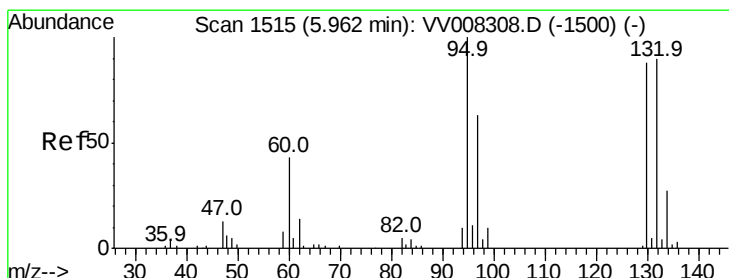
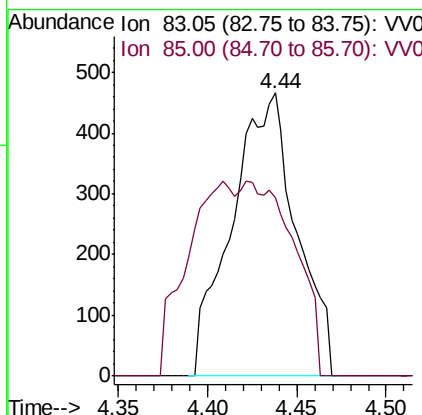
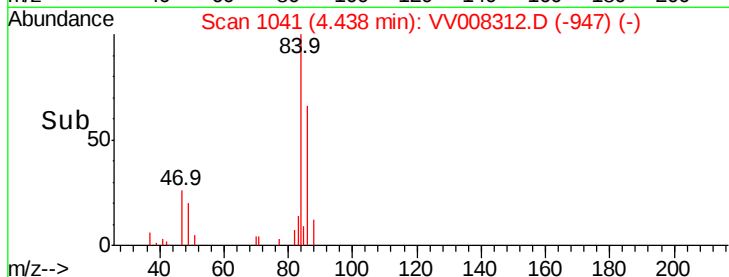
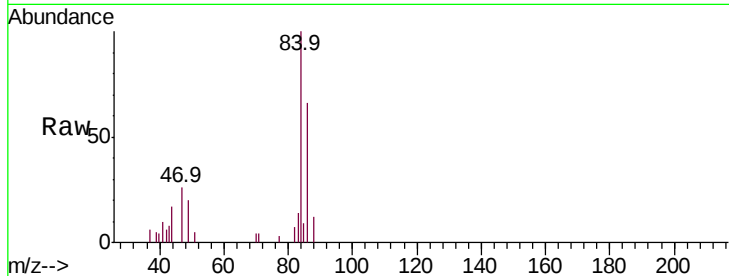




#25
Chloroform
Concen: 0.100 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

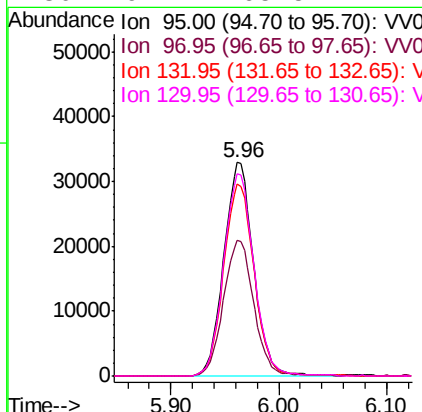
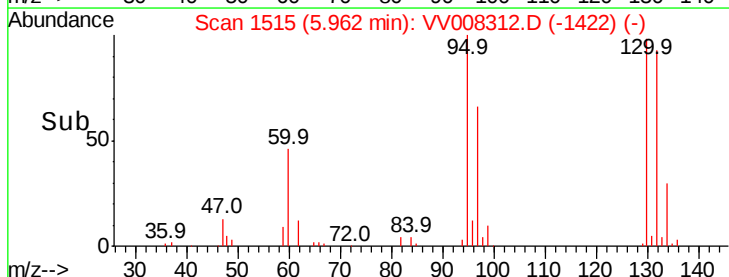
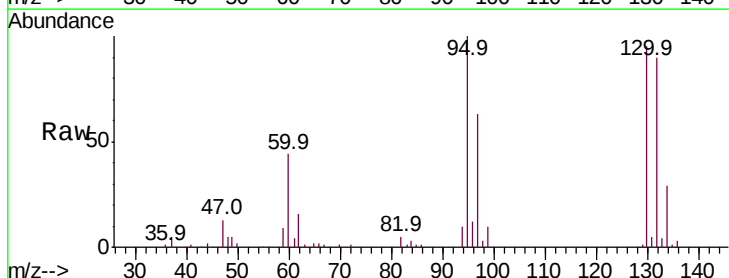
Instrument :
MSVOA_V
ClientSampled :
CWJS4DL

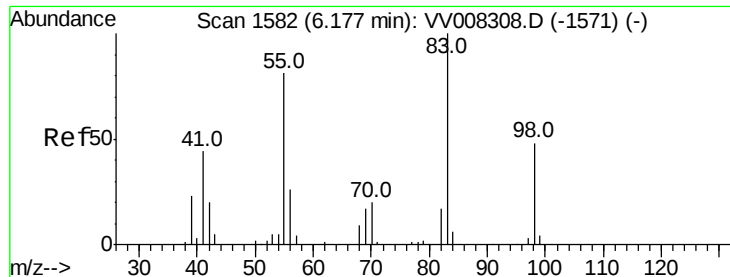
Tot Ion: 83 Resp: 1179
Ion Ratio Lower Upper
83 100
85 62.9 43.4 80.6



#34
Trichloroethene
Concen: 8.490 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

Tgt Ion: 95 Resp: 63254
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.4
132 89.6 60.4 112.2
130 94.7 65.5 121.7

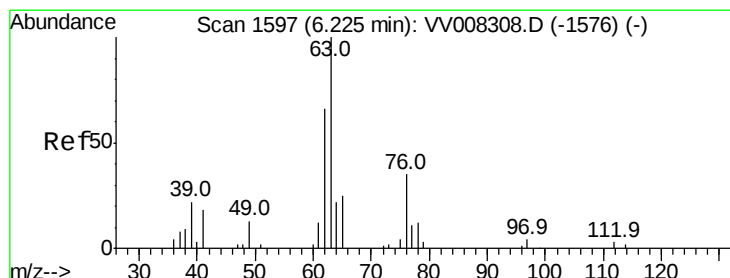
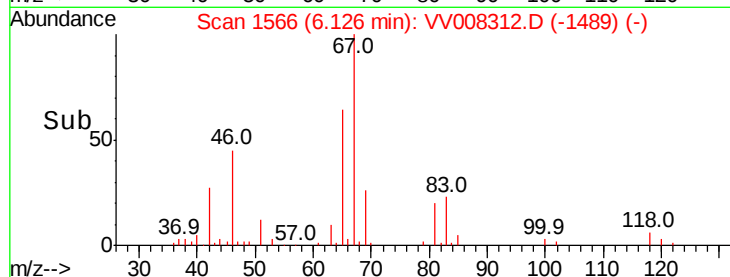
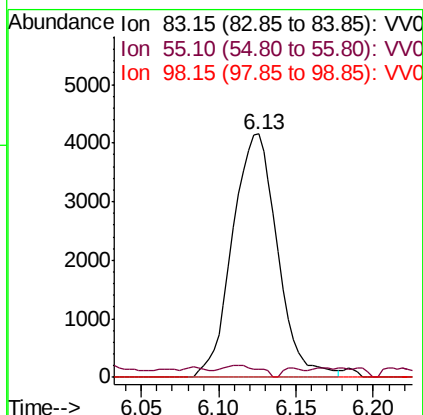
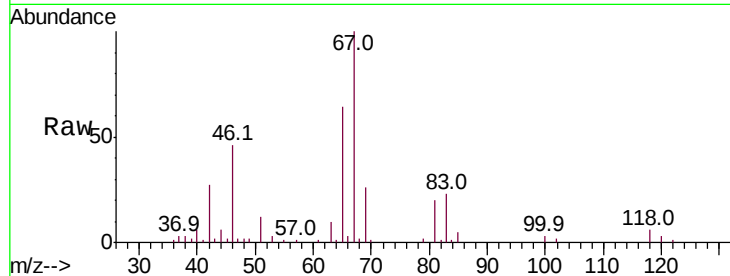




#35
Methvlcvclohexane
Concen: 0.667 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

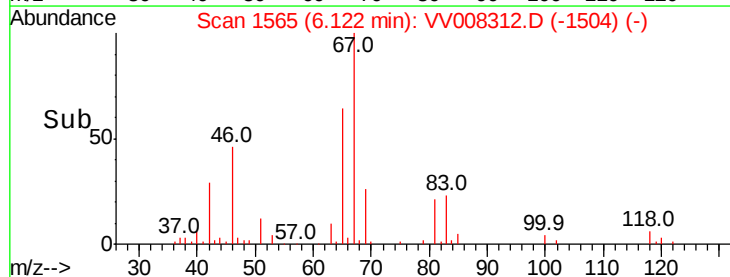
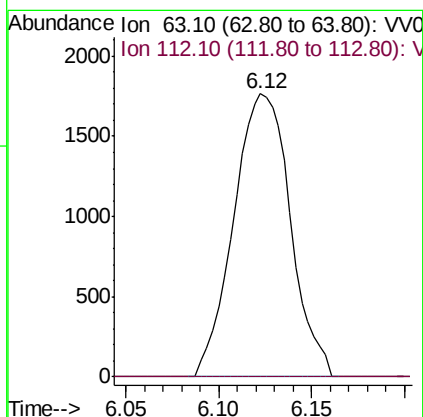
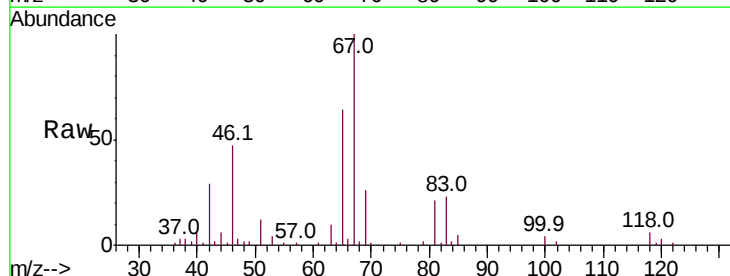
Instrument :
MSVOA_V
ClientSampled :
CWJS4DL

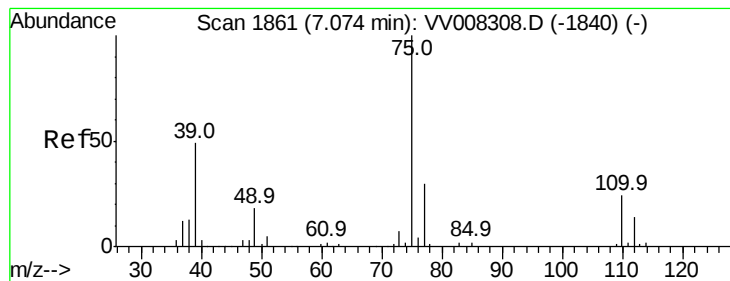
Tot Ion: 83 Resp: 8378
Ion Ratio Lower Upper
83 100
55 4.1 64.0 96.0#
98 0.0 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008312.D
Acq: 16 Oct 2018 22:55

Tgt Ion: 63 Resp: 3760
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

Instrument :

MSVOA_V

ClientSampleId :

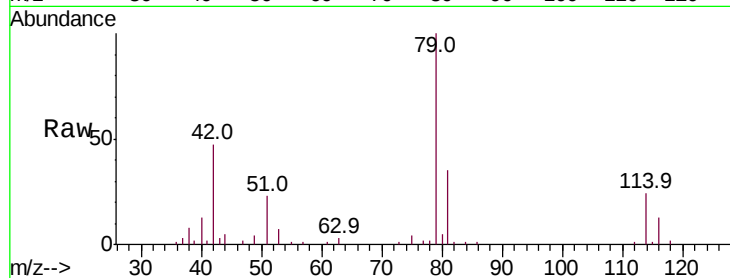
CWJS4DL

Tot Ion: 75 Resp: 933

Ion Ratio Lower Upper

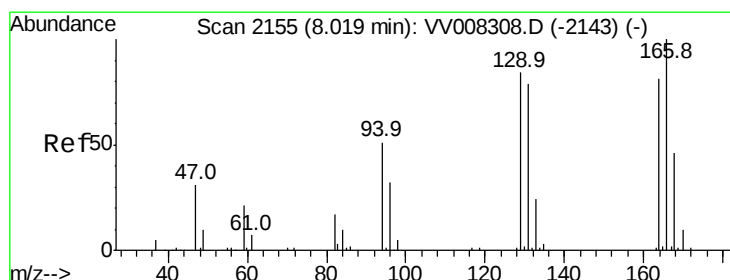
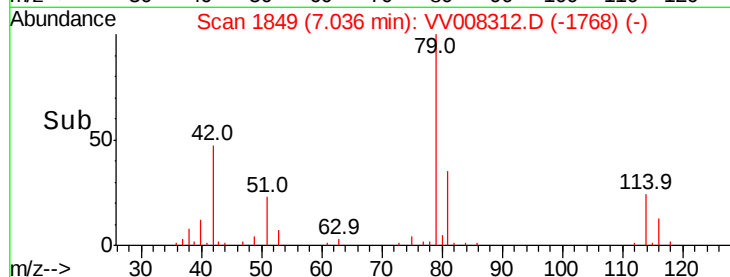
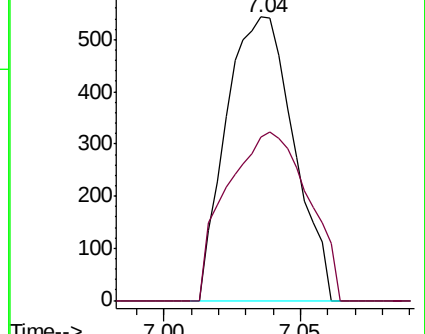
75 100

77 57.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 1.040 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

Tgt Ion:164 Resp: 4853

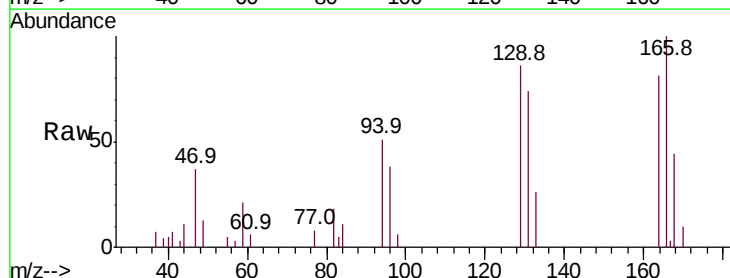
Ion Ratio Lower Upper

164 100

129 105.9 76.5 142.1

131 91.5 74.7 138.7

166 123.3 91.6 170.0

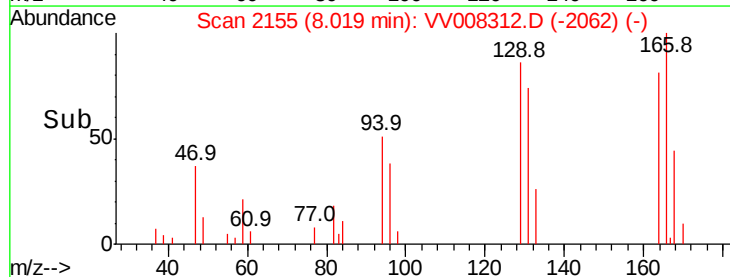
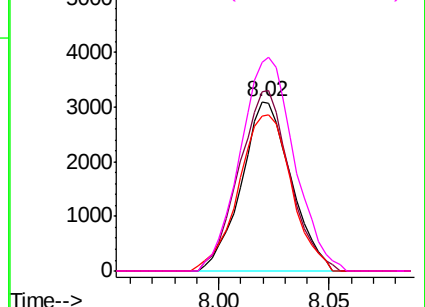


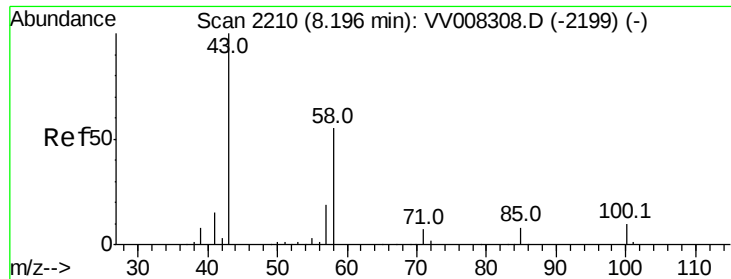
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 5.402 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

Instrument :

MSVOA_V

ClientSampleId :

CWJS4DL

Tot Ion: 43 Resp: 17541

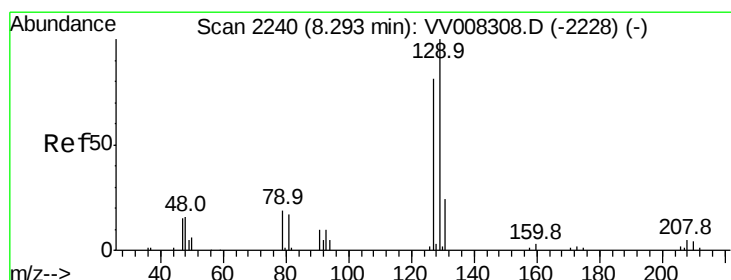
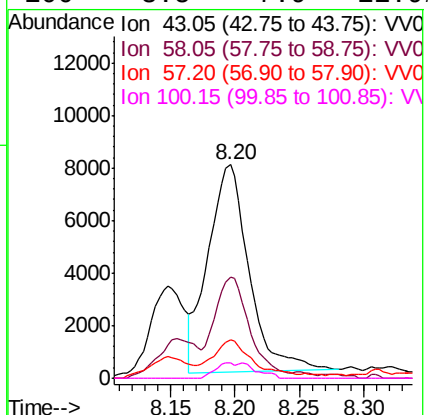
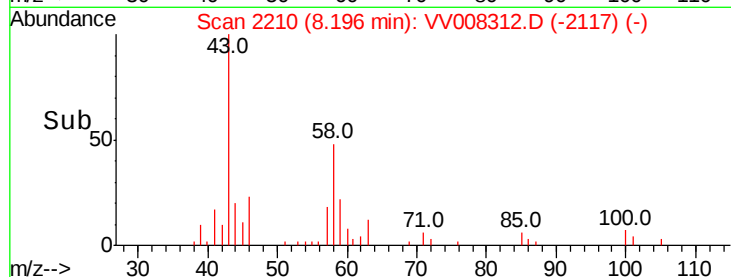
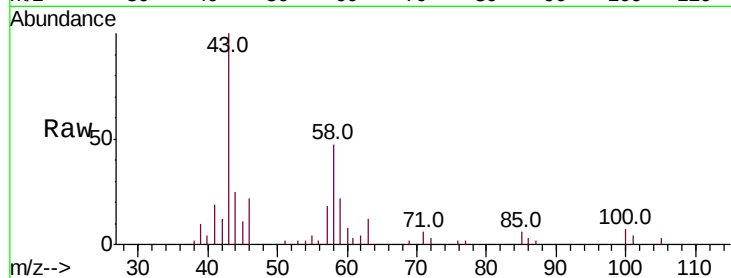
Ion Ratio Lower Upper

43 100

58 38.4 45.0 67.4#

57 15.8 14.4 21.6

100 3.5 7.9 11.9#



#49

Dibromochloromethane

Concen: 0.995 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008312.D

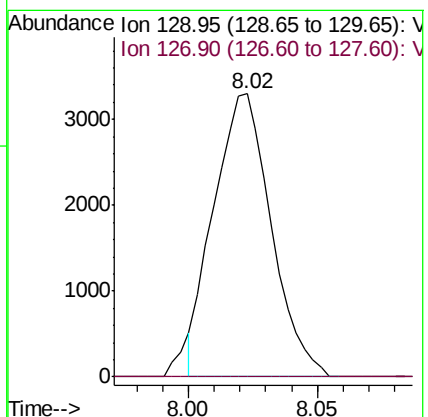
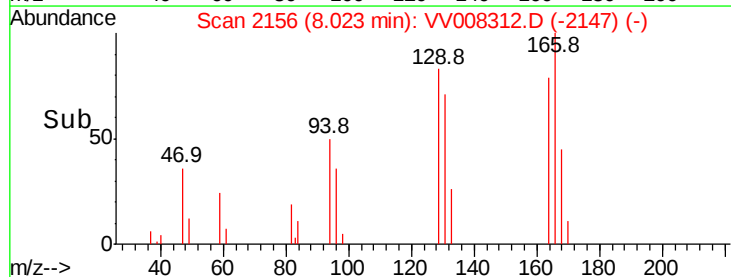
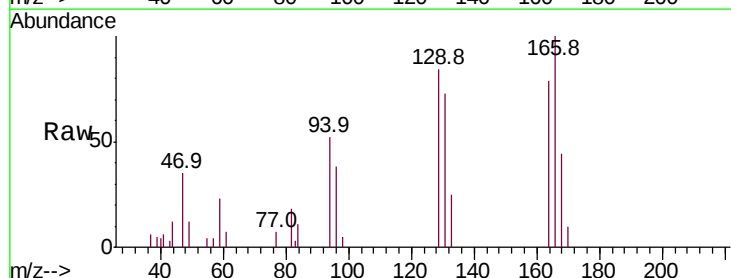
Acq: 16 Oct 2018 22:55

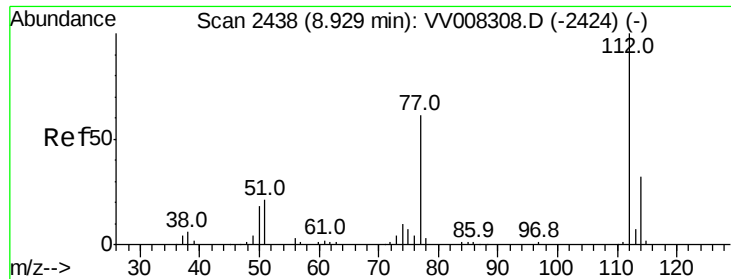
Tgt Ion: 129 Resp: 5107

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#51

Chlorobenzene

Concen: 0.118 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008312.D

Acq: 16 Oct 2018 22:55

Instrument :

MSVOA_V

ClientSampleId :

CWJS4DL

Tot Ion:112 Resp: 1964

Ion Ratio Lower Upper

112 100

114 31.2 21.6 40.0

77 71.2 49.7 74.5

