

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008294.D
 Acq On : 16 Oct 2018 13:03
 Operator : SY/MD
 Sample : J5406-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH9

Quant Time: Oct 17 02:31:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	78713	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23218	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	18560	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	34005	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.98	46	80469	53.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	4.41	84	48631	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	26736	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	106358	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	36285	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	92324	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	12504	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	46752	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20998	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	27776	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

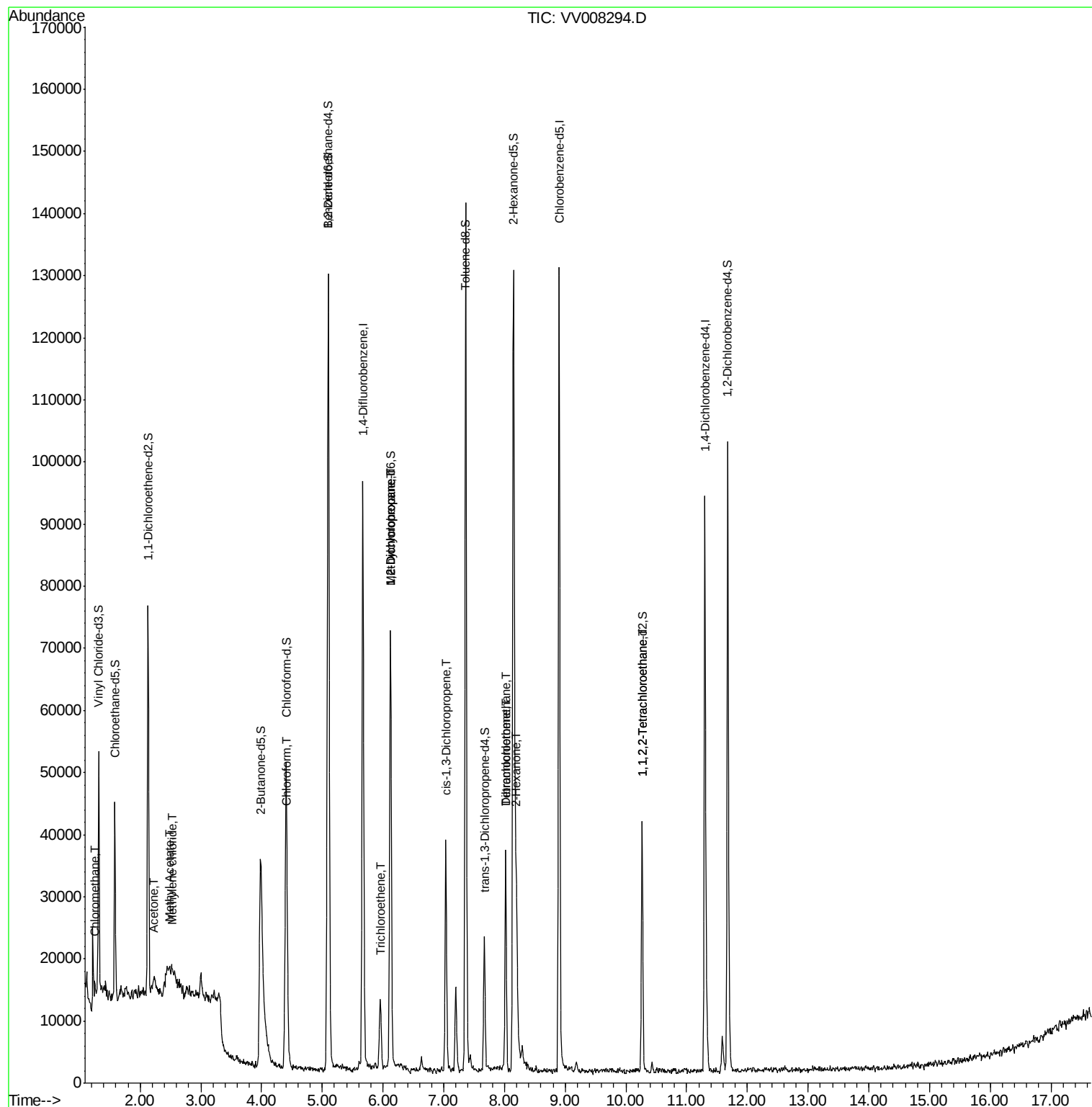
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1228	0.199	ug/L	93
13) Acetone	2.22	43	1514	1.875	ug/L	94
15) Methyl Acetate	2.48	43	930	0.463	ug/L #	50
16) Methylene chloride	2.54	84	496	0.113	ug/L #	62
25) Chloroform	4.43	83	913	0.089	ug/L	87
34) Trichloroethene	5.96	95	2257	0.351	ug/L	90
35) Methylcyclohexane	6.12	83	8149	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3783	0.604	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	956	0.107	ug/L #	58
47) Tetrachloroethene	8.02	164	7321	1.817	ug/L	92
48) 2-Hexanone	8.20	43	20757	7.406	ug/L #	88
49) Dibromochloromethane	8.02	129	6866	1.550	ug/L #	10
58) 1,1,2,2-Tetrachloroethane	10.27	83	296	0.067	ug/L #	54

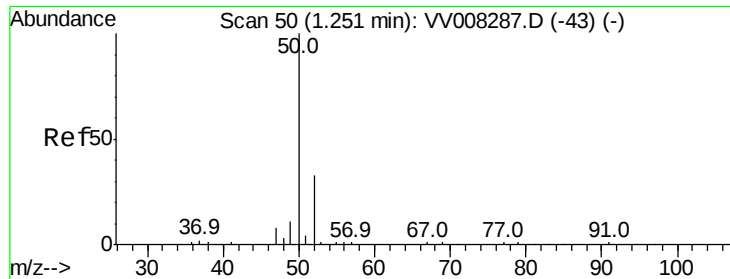
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

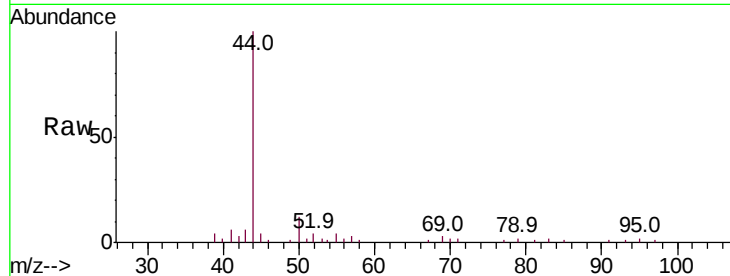
C0AH9

Tot Ion: 50 Resp: 1228

Ion Ratio Lower Upper

50 100

52 29.7 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1200

1000

800

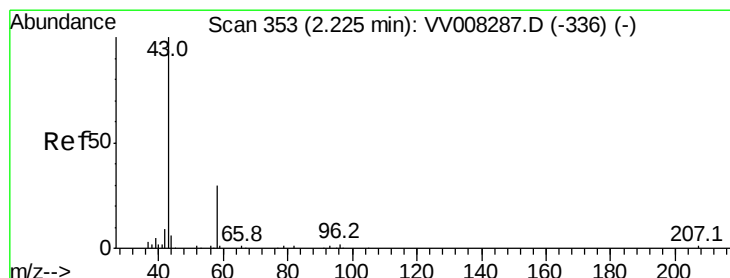
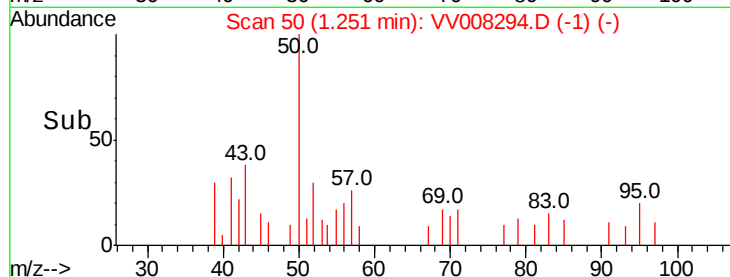
600

400

200

0

Time--> 1.22 1.24 1.26 1.28



#13

Acetone

Concen: 1.875 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV008294.D

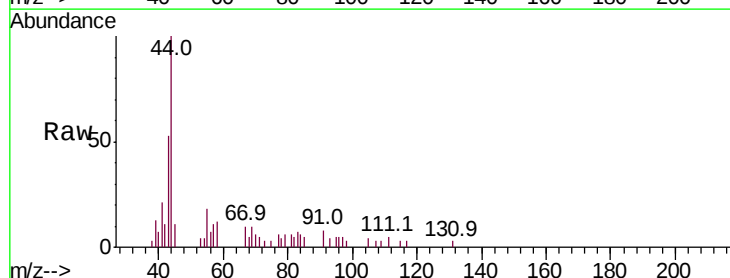
Acq: 16 Oct 2018 13:03

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

43 100

58 27.9 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

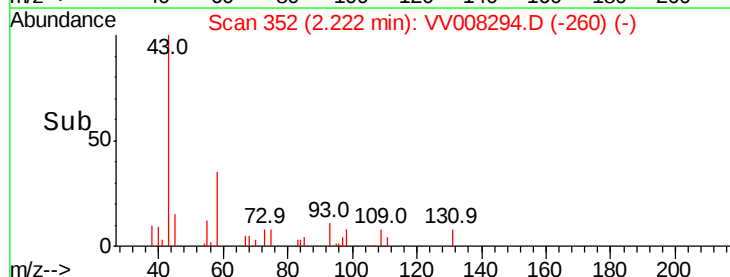
1500

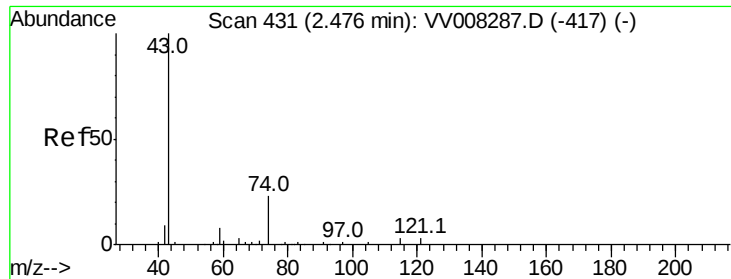
1000

500

0

Time--> 2.16 2.18 2.20 2.22 2.24





#15

Methyl Acetate

Concen: 0.463 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.01 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

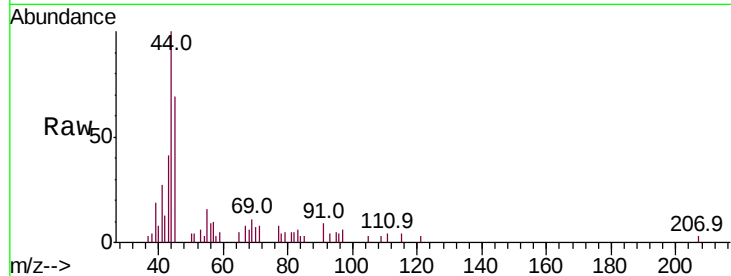
C0AH9

Tot Ion: 43 Resp: 930

Ion Ratio Lower Upper

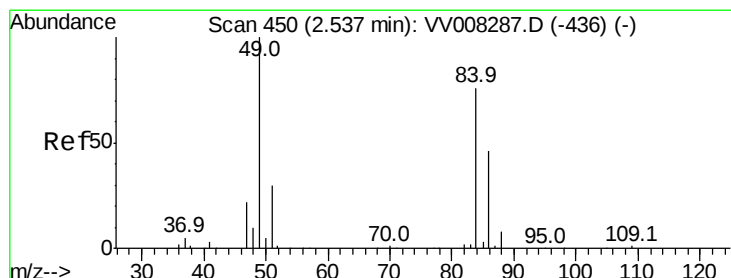
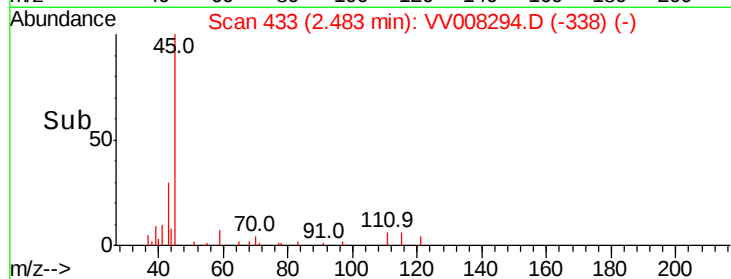
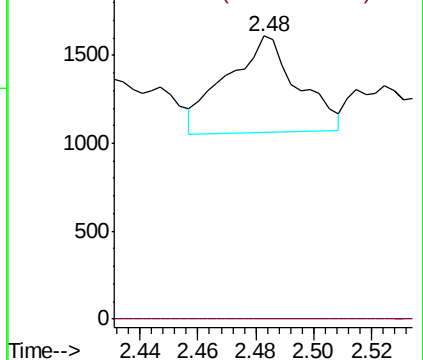
43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.113 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

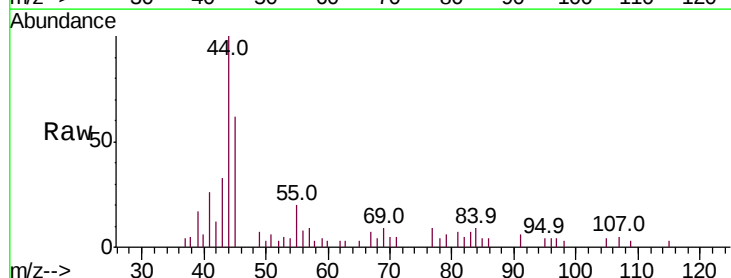
Tgt Ion: 84 Resp: 496

Ion Ratio Lower Upper

84 100

86 44.7 45.0 83.6#

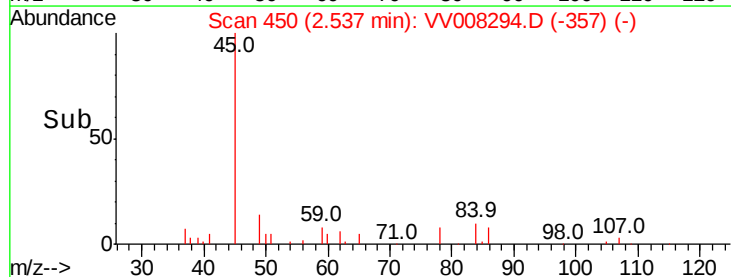
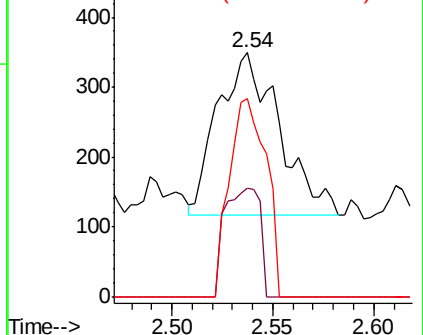
49 81.1 92.9 172.5#

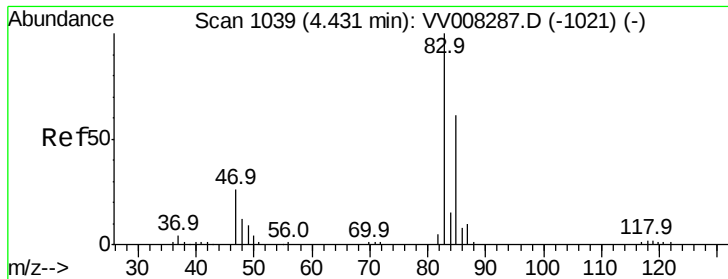


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

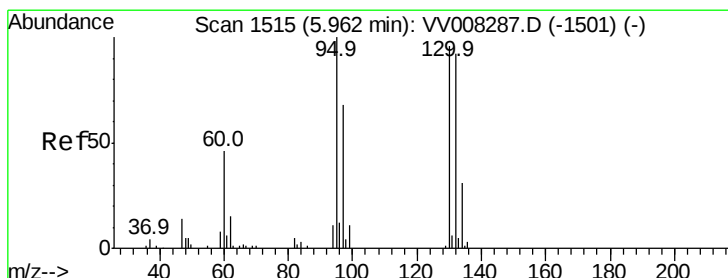
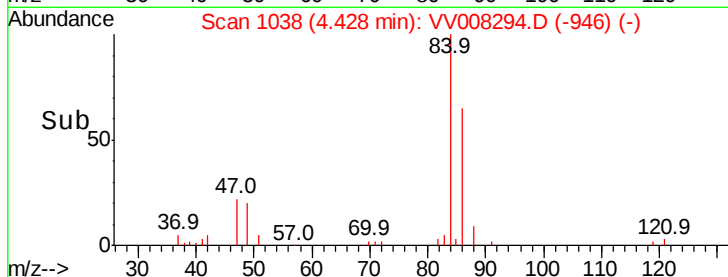
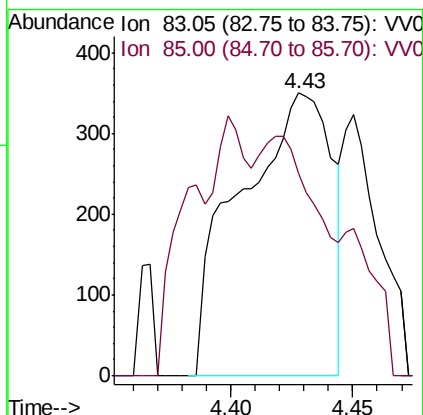
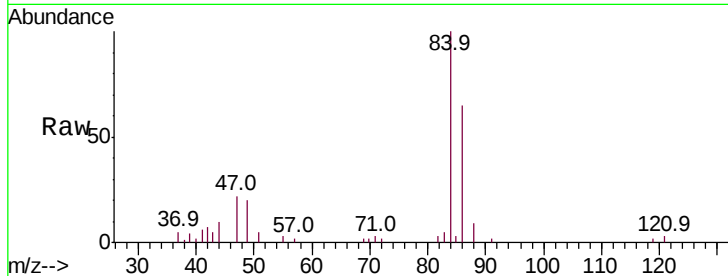




#25
Chloroform
Concen: 0.089 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008294.D
Acq: 16 Oct 2018 13:03

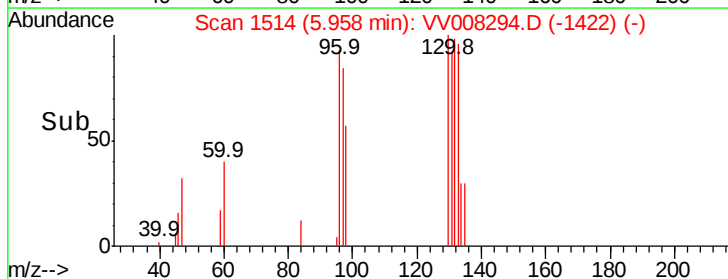
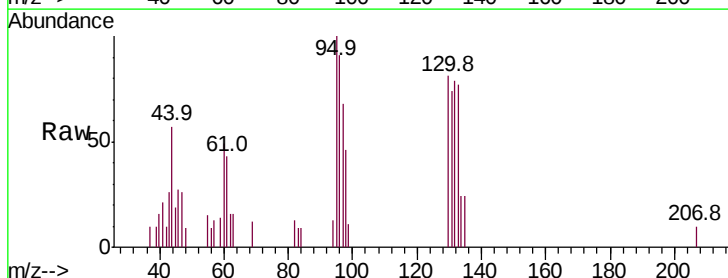
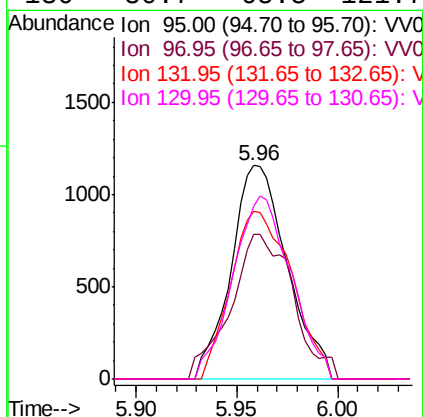
Instrument :
MSVOA_V
ClientSampleId :
C0AH9

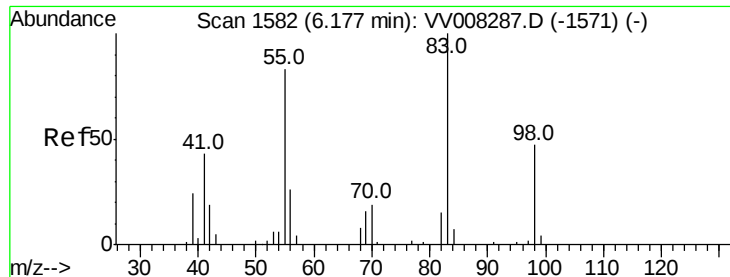
Tot Ion: 83 Resp: 913
Ion Ratio Lower Upper
83 100
85 71.7 43.4 80.6



#34
Trichloroethene
Concen: 0.351 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV008294.D
Acq: 16 Oct 2018 13:03

Tgt Ion: 95 Resp: 2257
Ion Ratio Lower Upper
95 100
97 67.6 44.4 82.4
132 78.7 60.4 112.2
130 80.7 65.5 121.7





#35

Methvlcvclohexane

Concen: 0.751 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0AH9

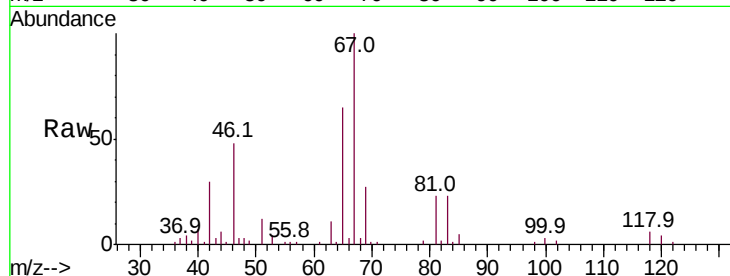
Tot Ion: 83 Resp: 8149

Ion Ratio Lower Upper

83 100

55 0.8 64.0 96.0#

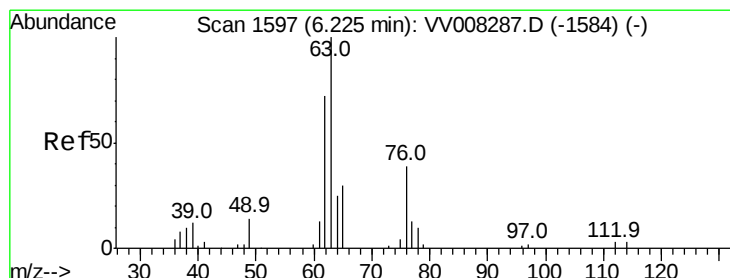
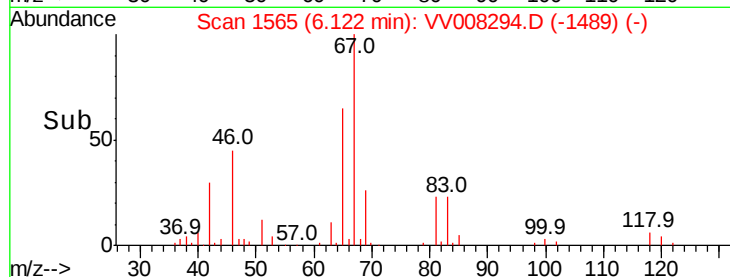
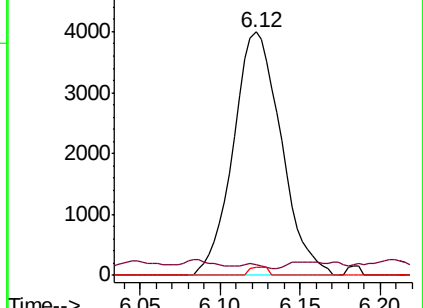
98 1.2 37.0 55.4#



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: 0.604 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008294.D

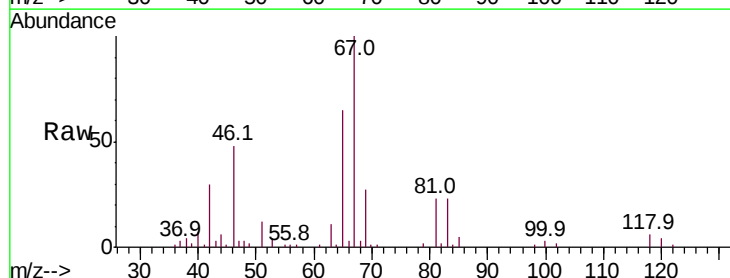
Acq: 16 Oct 2018 13:03

Tgt Ion: 63 Resp: 3783

Ion Ratio Lower Upper

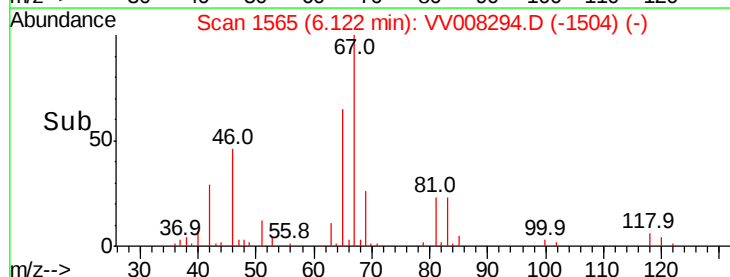
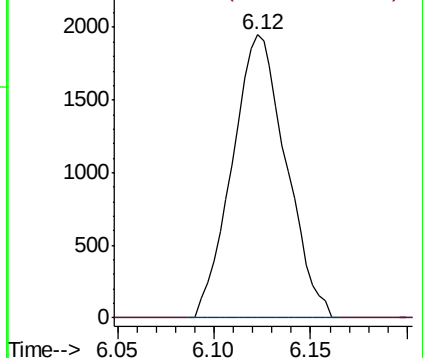
63 100

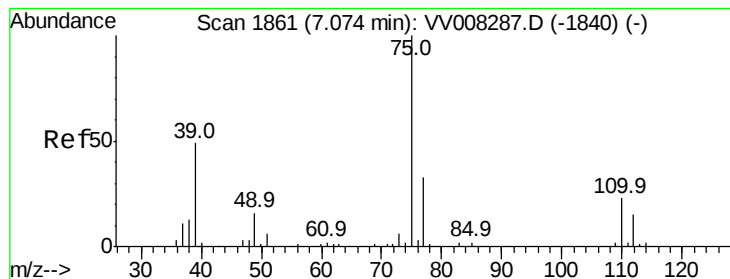
112 0.0 2.6 3.8#



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: 0.107 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

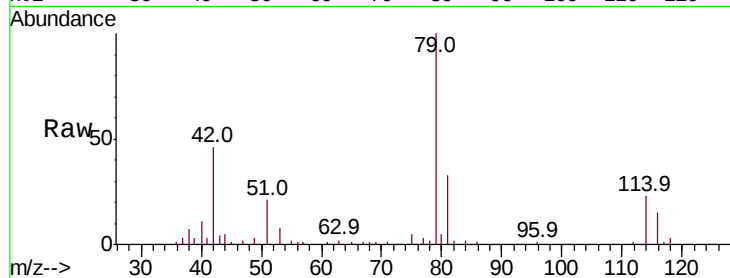
C0AH9

Tot Ion: 75 Resp: 956

Ion Ratio Lower Upper

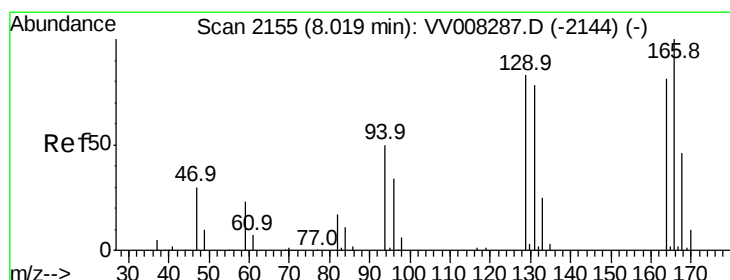
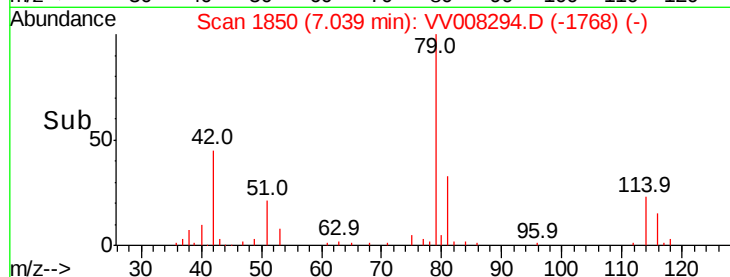
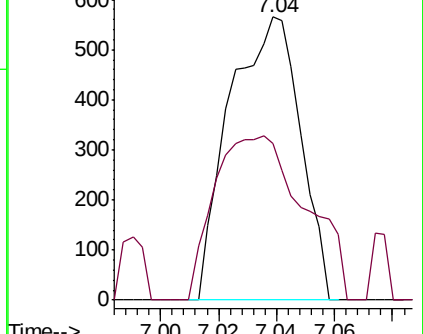
75 100

77 55.4 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008287.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008287.D (-1840) (-)



#47

Tetrachloroethene

Concen: 1.817 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Tgt Ion:164 Resp: 7321

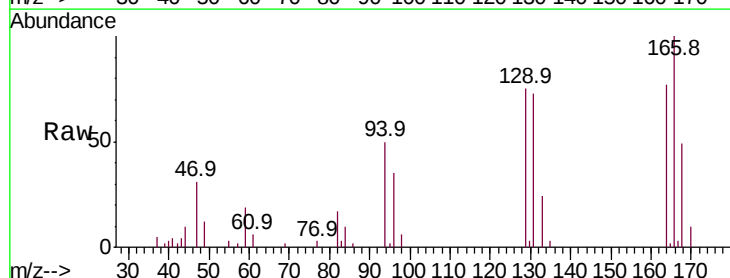
Ion Ratio Lower Upper

164 100

129 96.6 76.5 142.1

131 94.4 74.7 138.7

166 129.4 91.6 170.0

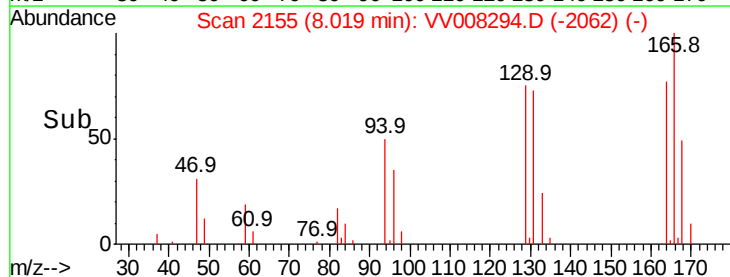
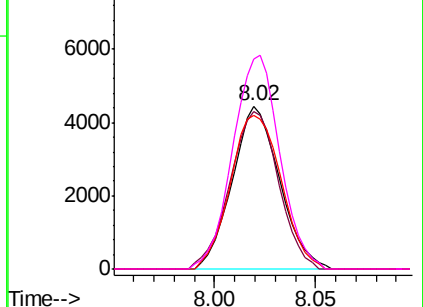


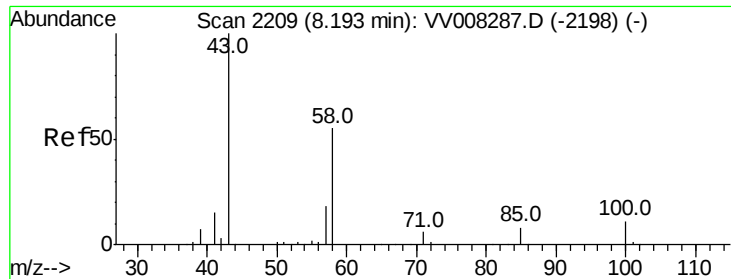
Abundance Ion 163.90 (163.60 to 164.60): VV008287.D (-2144) (-)

Ion 128.95 (128.65 to 129.65): VV008287.D (-2144) (-)

Ion 130.95 (130.65 to 131.65): VV008287.D (-2144) (-)

Ion 165.90 (165.60 to 166.60): VV008287.D (-2144) (-)

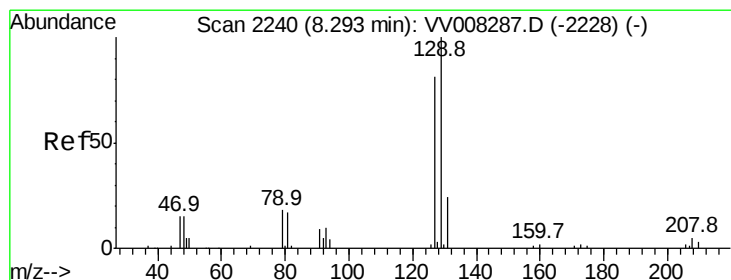
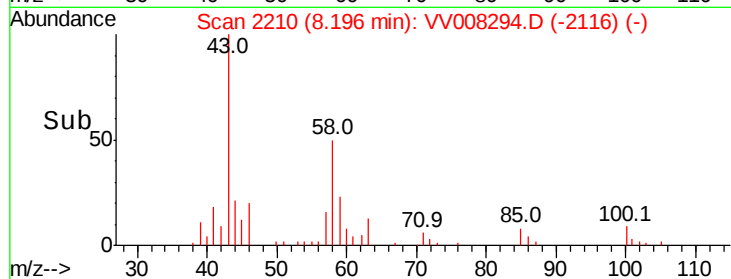
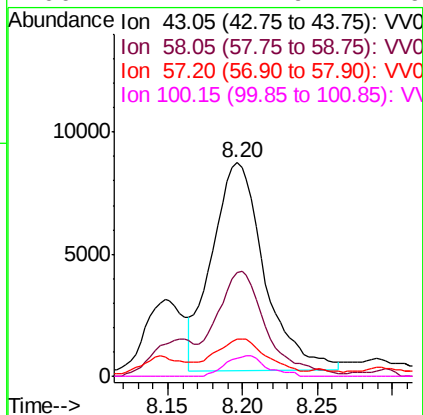
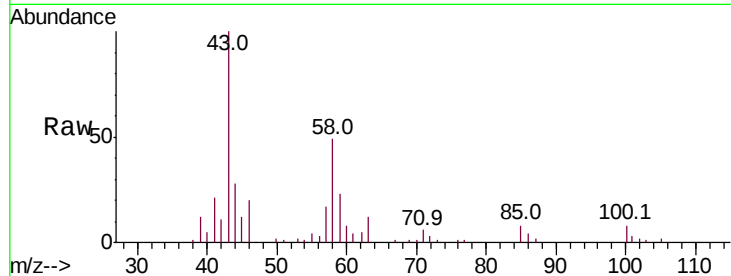




#48
2-Hexanone
Concen: 7.406 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008294.D
Acq: 16 Oct 2018 13:03

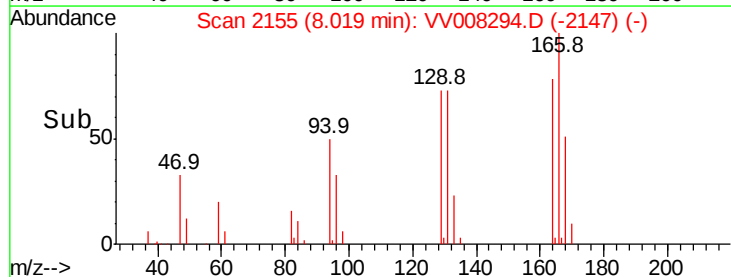
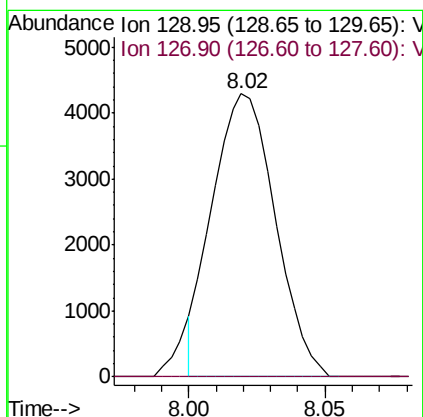
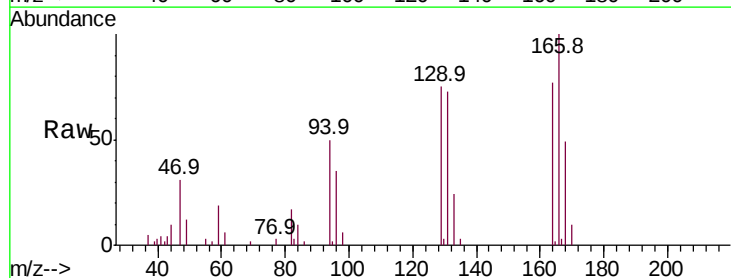
Instrument :
MSVOA_V
ClientSampleId :
C0AH9

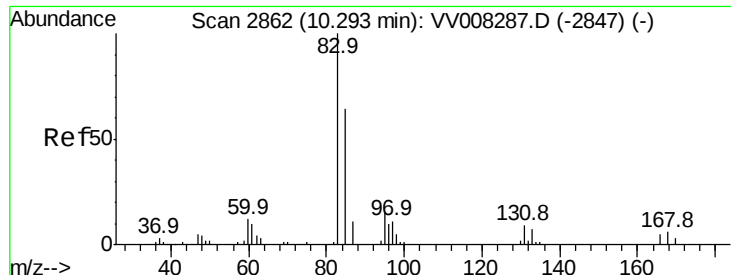
Tot Ion:	43	Resp:	20757
Ion	Ratio	Lower	Upper
43	100		
58	45.2	45.0	67.4
57	15.3	14.4	21.6
100	7.7	7.9	11.9#



#49
Dibromochloromethane
Concen: 1.550 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008294.D
Acq: 16 Oct 2018 13:03

Tgt Ion:	129	Resp:	6866
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.067 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. -0.03 min

Lab File: VV008294.D

Acq: 16 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0AH9

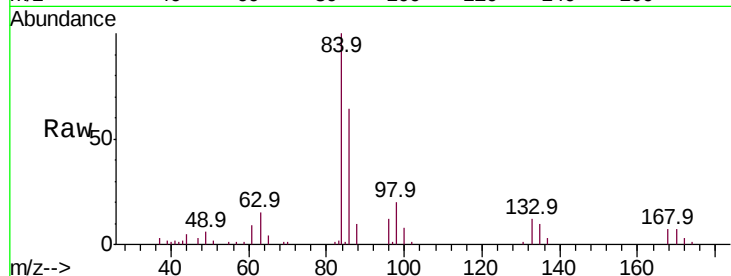
Tot Ion: 83 Resp: 296

Ion Ratio Lower Upper

83 100

85 86.4 45.6 84.6#

131 76.9 6.6 10.0#



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

