

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008293.D
 Acq On : 16 Oct 2018 12:35
 Operator : SY/MD
 Sample : J5406-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH7

Quant Time: Oct 17 02:31:39 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	85452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	74890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24985	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	15831	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.13	63	35569	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	76245	47.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.14%
24) Chloroform-d	4.41	84	48604	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.09	65	25485	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	105549	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	35708	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	91861	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	11656	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.14	63	42261	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19402	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	26842	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

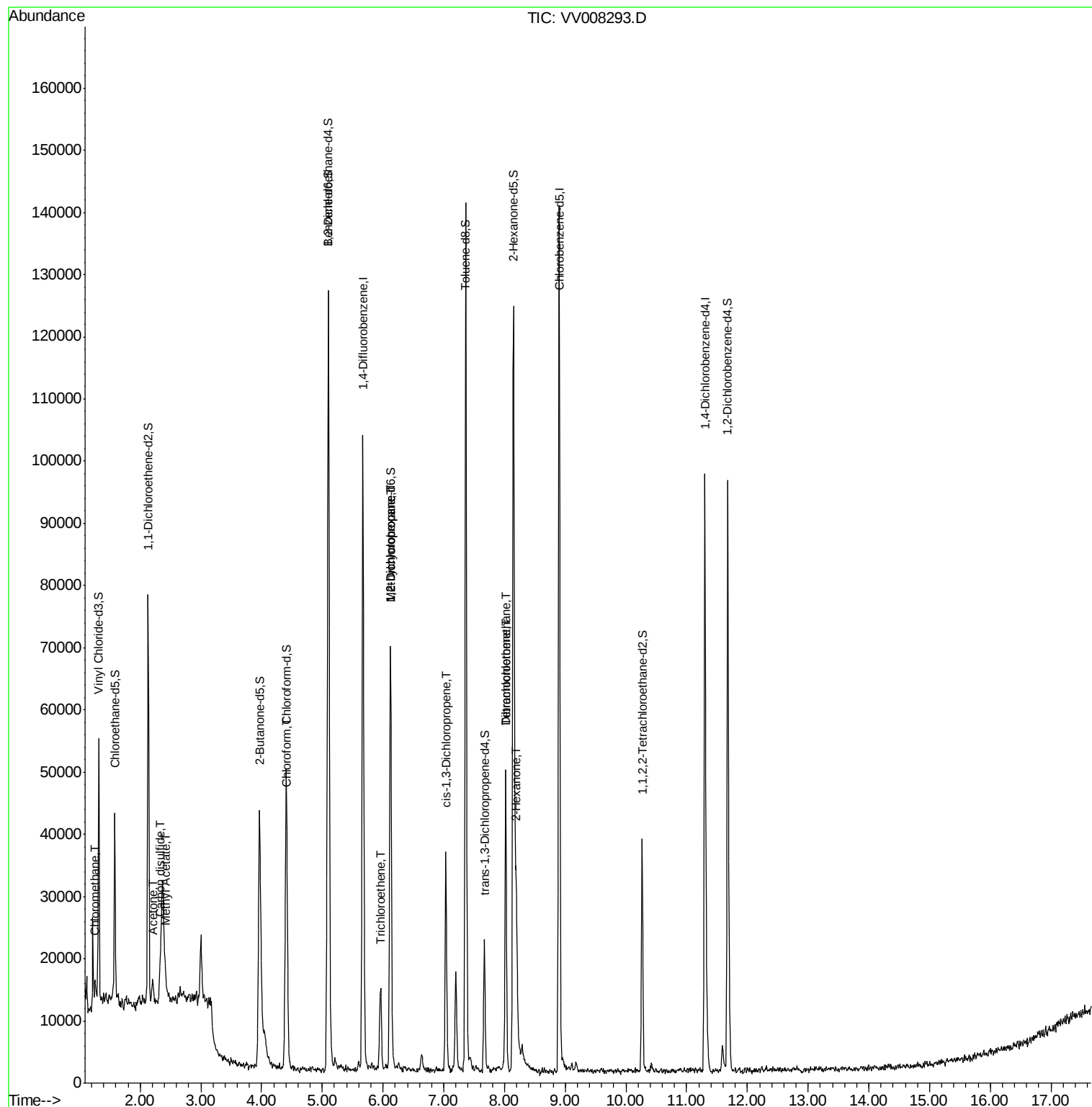
					Ovalue
3) Chloromethane	1.25	50	1358	0.202	ug/L 100
13) Acetone	2.21	43	4277	4.880	ug/L 87
14) Carbon disulfide	2.32	76	4201	0.297	ug/L # 91
15) Methyl Acetate	2.43	43	521	0.239	ug/L # 50
25) Chloroform	4.43	83	1062	0.095	ug/L 80
34) Trichloroethene	5.96	95	3238	0.463	ug/L 97
35) Methylcyclohexane	6.13	83	7717	0.654	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3607	0.530	ug/L # 90
39) cis-1,3-Dichloropropene	7.03	75	854	0.088	ug/L # 58
47) Tetrachloroethene	8.02	164	10124	2.310	ug/L 89
48) 2-Hexanone	8.20	43	19568	6.420	ug/L # 91
49) Dibromochloromethane	8.02	129	9968	2.069	ug/L # 10

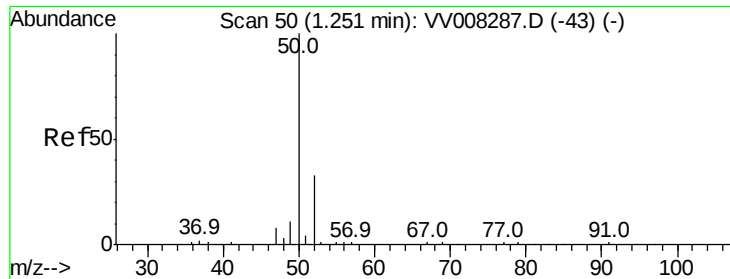
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 02:28:08 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.202 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Instrument :

MSVOA_V

ClientSampled :

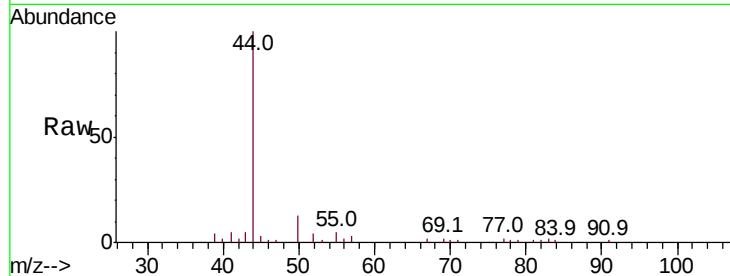
C0AH7

Tot Ion: 50 Resp: 1358

Ion Ratio Lower Upper

50 100

52 34.0 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008287.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008293.D (-1) (-)

1.25

1500

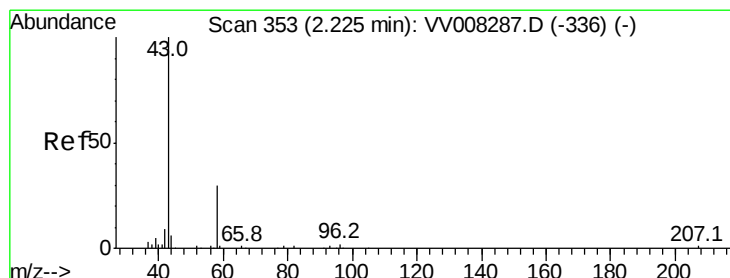
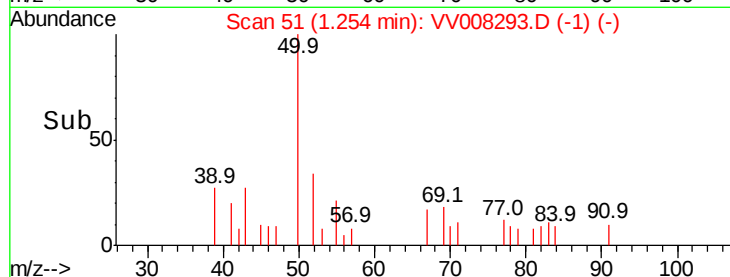
1000

500

0

Time-->

1.22 1.24 1.26 1.28



#13

Acetone

Concen: 4.880 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV008293.D

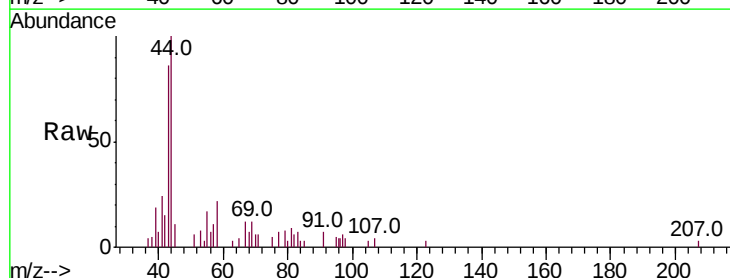
Acq: 16 Oct 2018 12:35

Tgt Ion: 43 Resp: 4277

Ion Ratio Lower Upper

43 100

58 38.3 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008287.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008293.D (-260) (-)

2.21

3000

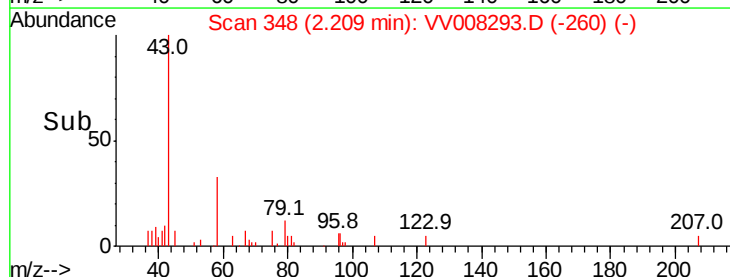
2000

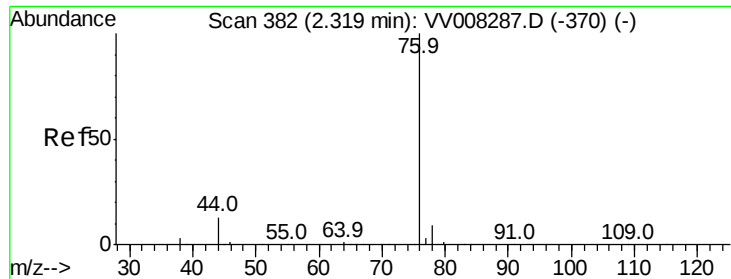
1000

0

Time-->

2.15 2.20 2.25





#14

Carbon disulfide

Concen: 0.297 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Instrument :

MSVOA_V

ClientSampleId :

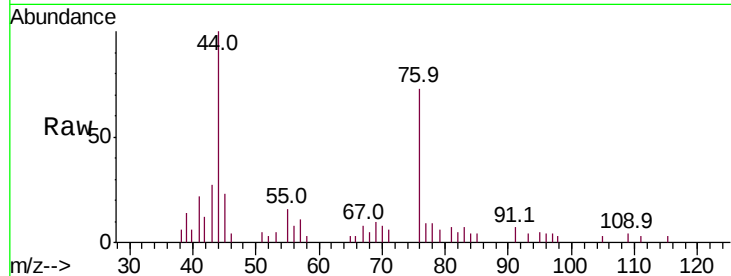
C0AH7

Tot Ion: 76 Resp: 4201

Ion Ratio Lower Upper

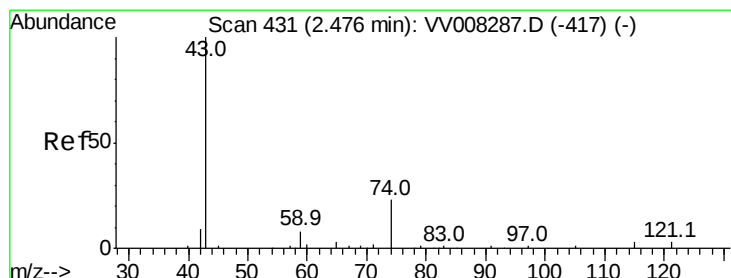
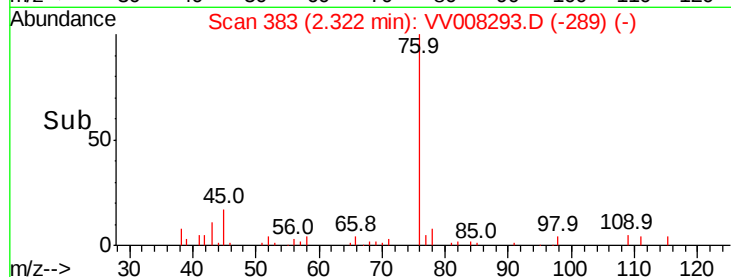
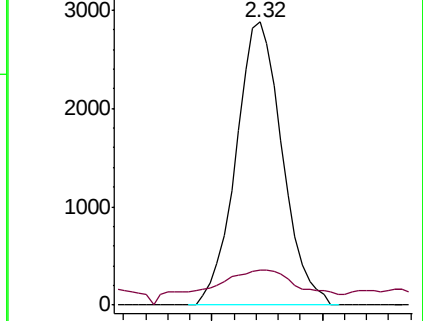
76 100

78 12.4 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.239 ug/L

RT: 2.43 min Scan# 416

Delta R.T. -0.05 min

Lab File: VV008293.D

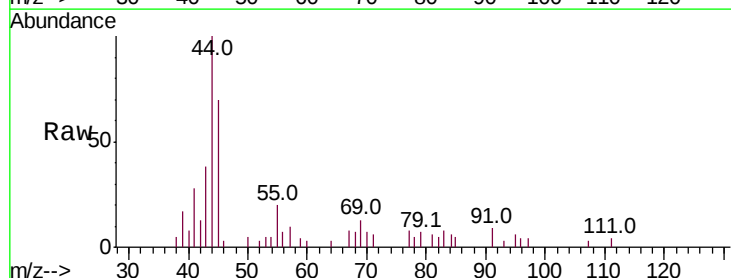
Acq: 16 Oct 2018 12:35

Tgt Ion: 43 Resp: 521

Ion Ratio Lower Upper

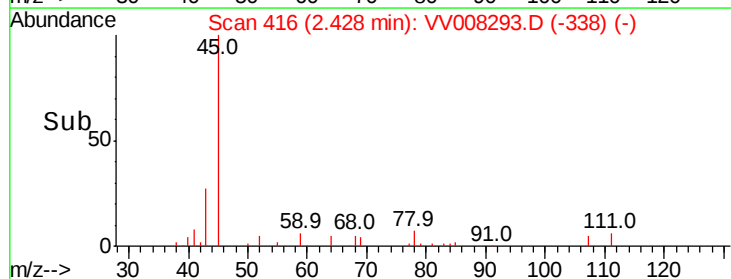
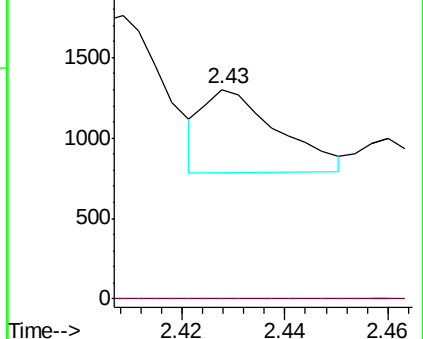
43 100

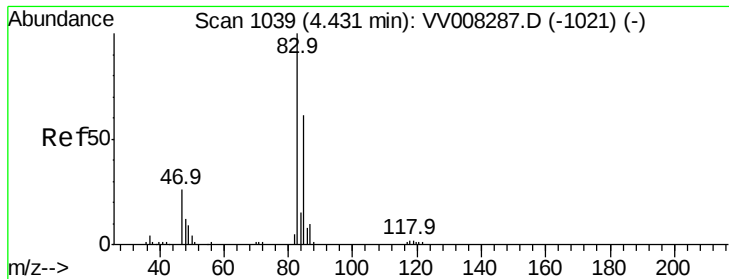
74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#25

Chloroform

Concen: 0.095 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Instrument :

MSVOA_V

ClientSampleId :

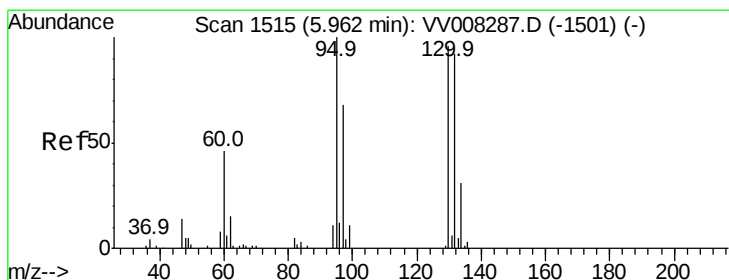
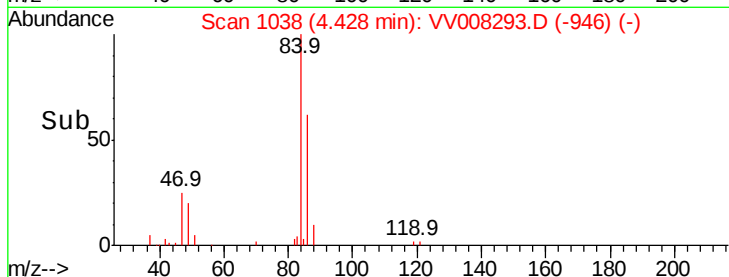
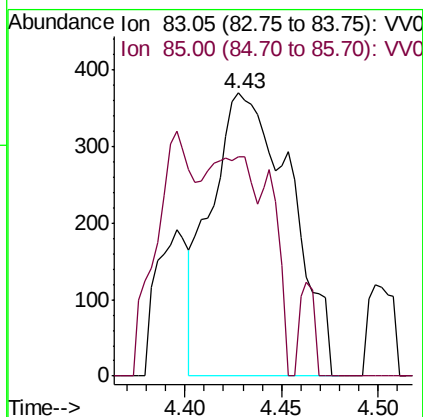
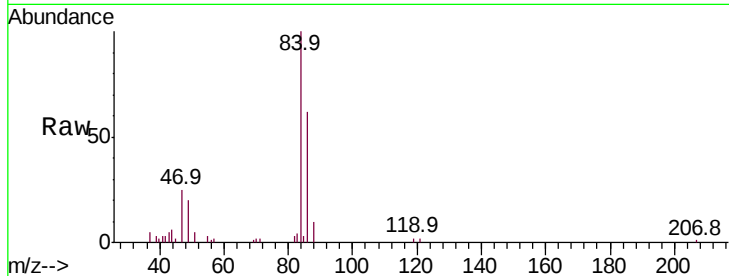
C0AH7

Tot Ion: 83 Resp: 1062

Ion Ratio Lower Upper

83 100

85 77.6 43.4 80.6



#34

Trichloroethene

Concen: 0.463 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Tgt Ion: 95 Resp: 3238

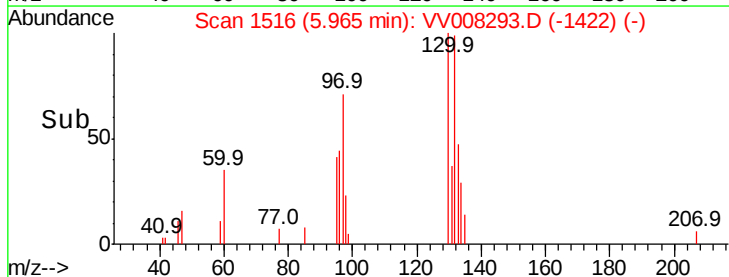
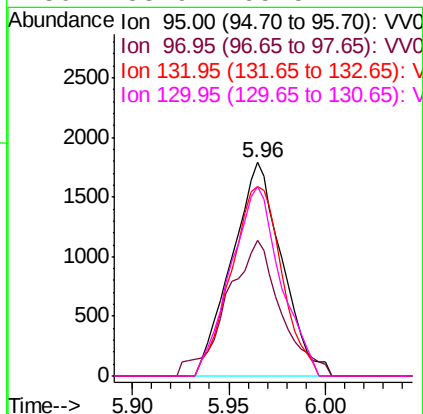
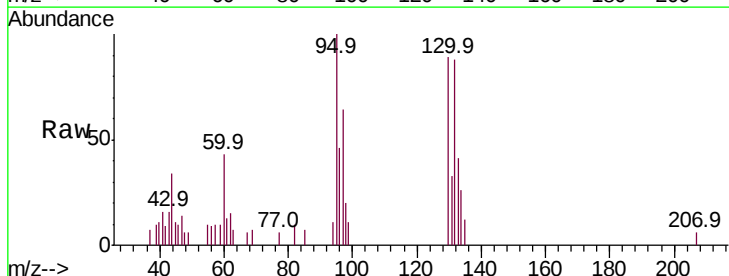
Ion Ratio Lower Upper

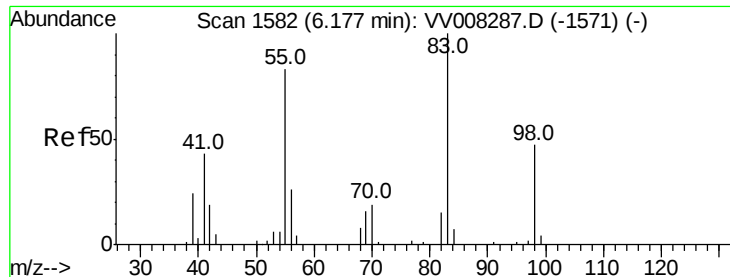
95 100

97 63.5 44.4 82.4

132 88.4 60.4 112.2

130 88.9 65.5 121.7

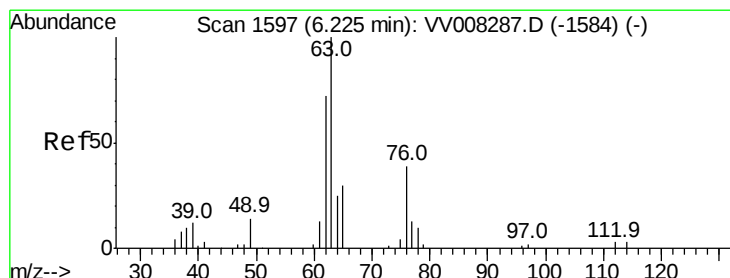
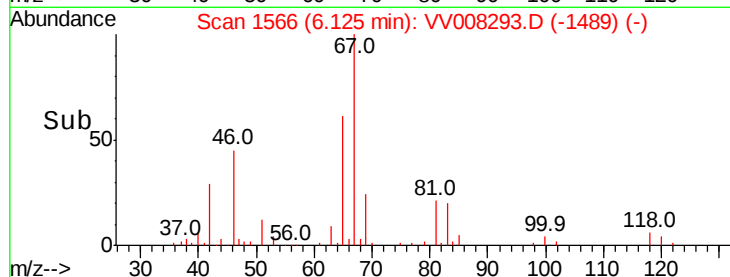
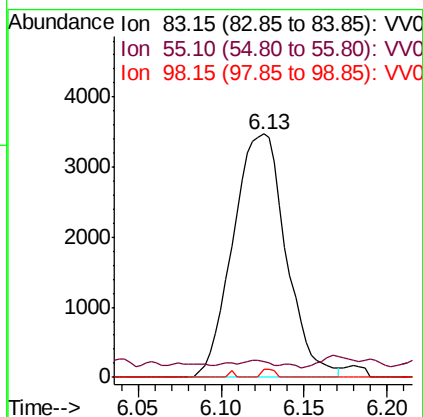
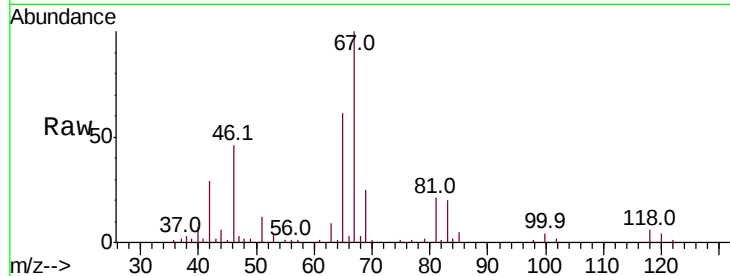




#35
Methvlcvclohexane
Concen: 0.654 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008293.D
Acq: 16 Oct 2018 12:35

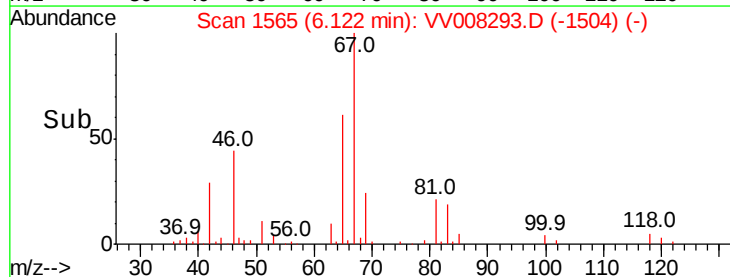
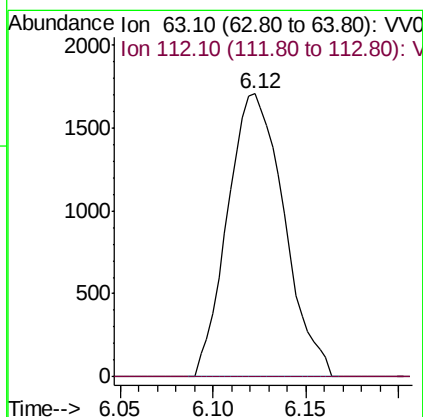
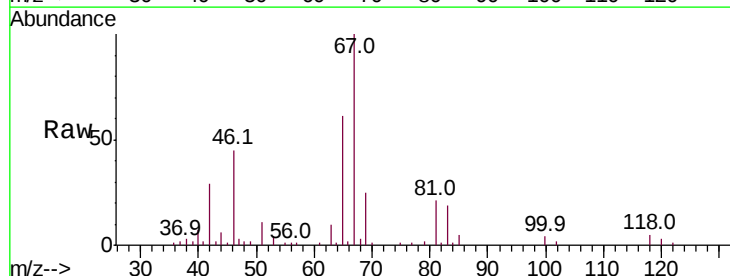
Instrument :
MSVOA_V
ClientSampleId :
C0AH7

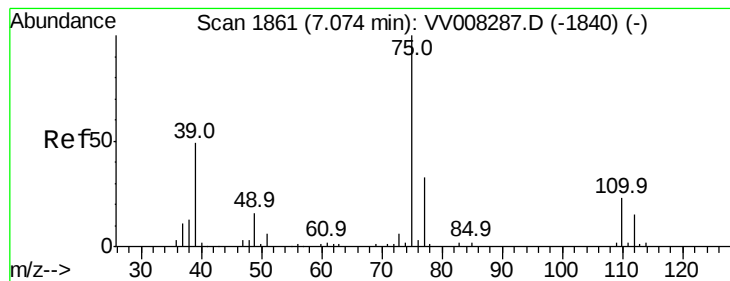
Tot Ion: 83 Resp: 7717
Ion Ratio Lower Upper
83 100
55 0.8 64.0 96.0#
98 0.8 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008293.D
Acq: 16 Oct 2018 12:35

Tgt Ion: 63 Resp: 3607
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Instrument :

MSVOA_V

ClientSampleId :

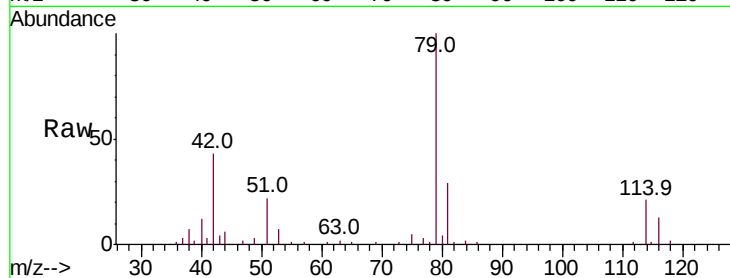
C0AH7

Tot Ion: 75 Resp: 854

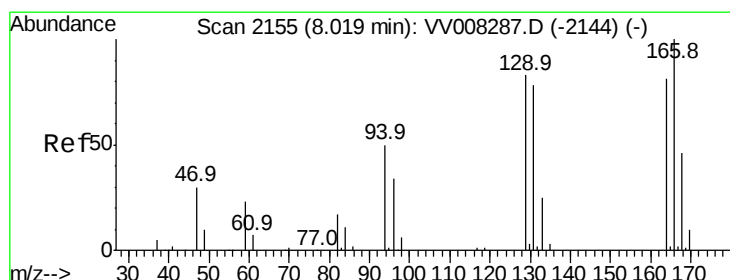
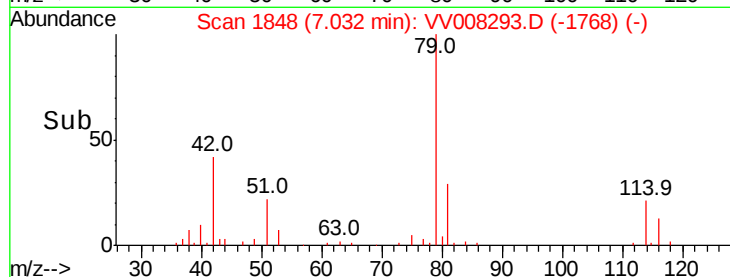
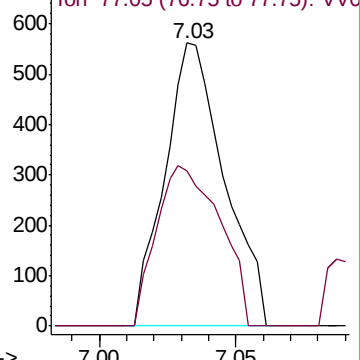
Ion Ratio Lower Upper

75 100

77 55.0 22.3 41.3#



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



#47

Tetrachloroethene

Concen: 2.310 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008293.D

Acq: 16 Oct 2018 12:35

Tgt Ion:164 Resp: 10124

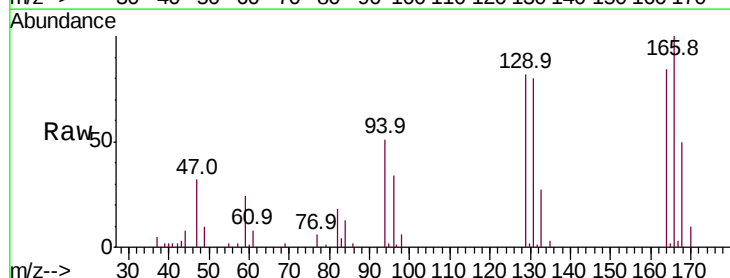
Ion Ratio Lower Upper

164 100

129 97.4 76.5 142.1

131 95.1 74.7 138.7

166 119.0 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) (-)

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) (-)

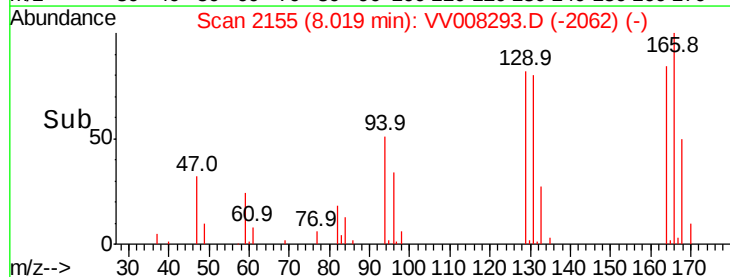
Ion 165.90 (165.60 to 166.60): VV008287.D (-2144) (-)

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) (-)



Abundance Ion 163.90 (163.60 to 164.60): VV008293.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008293.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008293.D (-2062) (-)

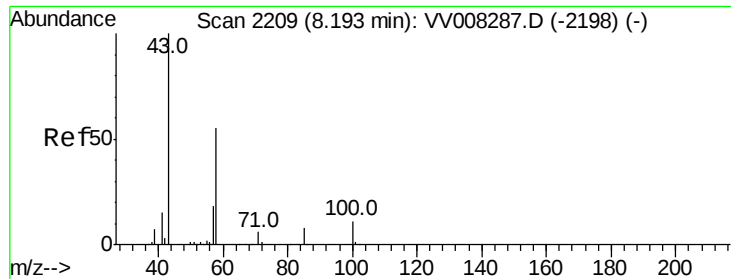
Ion 165.90 (165.60 to 166.60): VV008293.D (-2062) (-)

Abundance Ion 163.90 (163.60 to 164.60): VV008293.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008293.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008293.D (-2062) (-)

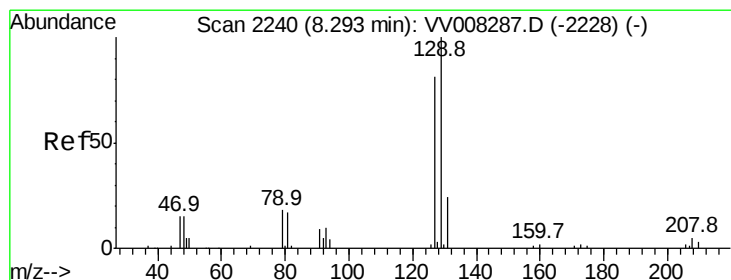
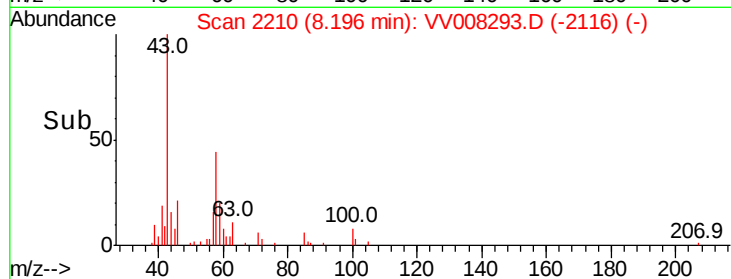
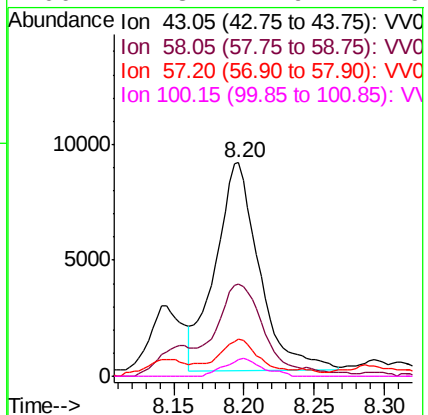
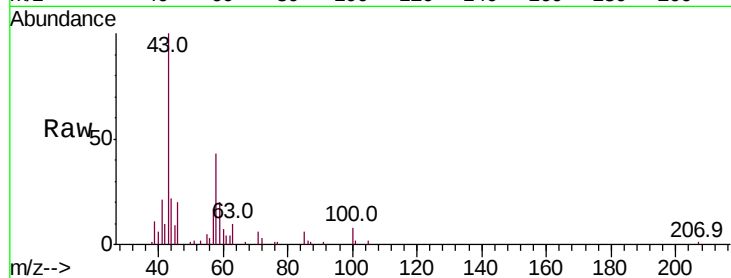
Ion 165.90 (165.60 to 166.60): VV008293.D (-2062) (-)



#48
2-Hexanone
Concen: 6.420 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008293.D
Acq: 16 Oct 2018 12:35

Instrument :
MSVOA_V
ClientSampleId :
C0AH7

Tot Ion: 43 Resp: 19568
Ion Ratio Lower Upper
43 100
58 48.6 45.0 67.4
57 14.6 14.4 21.6
100 7.3 7.9 11.9#



#49
Dibromochloromethane
Concen: 2.069 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008293.D
Acq: 16 Oct 2018 12:35

Tgt Ion: 129 Resp: 9968
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

