

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008287.D
 Acq On : 15 Oct 2018 22:38
 Operator : SY/MD
 Sample : J5406-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 07:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-5.67
28) Chlorobenzene-d5	8.90	117	118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	-11.30

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	253	0.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.59	69	124	0.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	2.15	63	43	0.00	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
32) Benzene-d6	5.10	84	68	1.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.20%#
36) 1,2-Dichloropropane-d6	6.12	67	40	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.20%
41) Toluene-d8	7.36	98	71	2.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.20%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.21	84	42	5.54	ug/L	-0.06
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	
Spiked Amount	5.000	Range	80 - 120	Recovery	=	0.00%#

Target Compounds

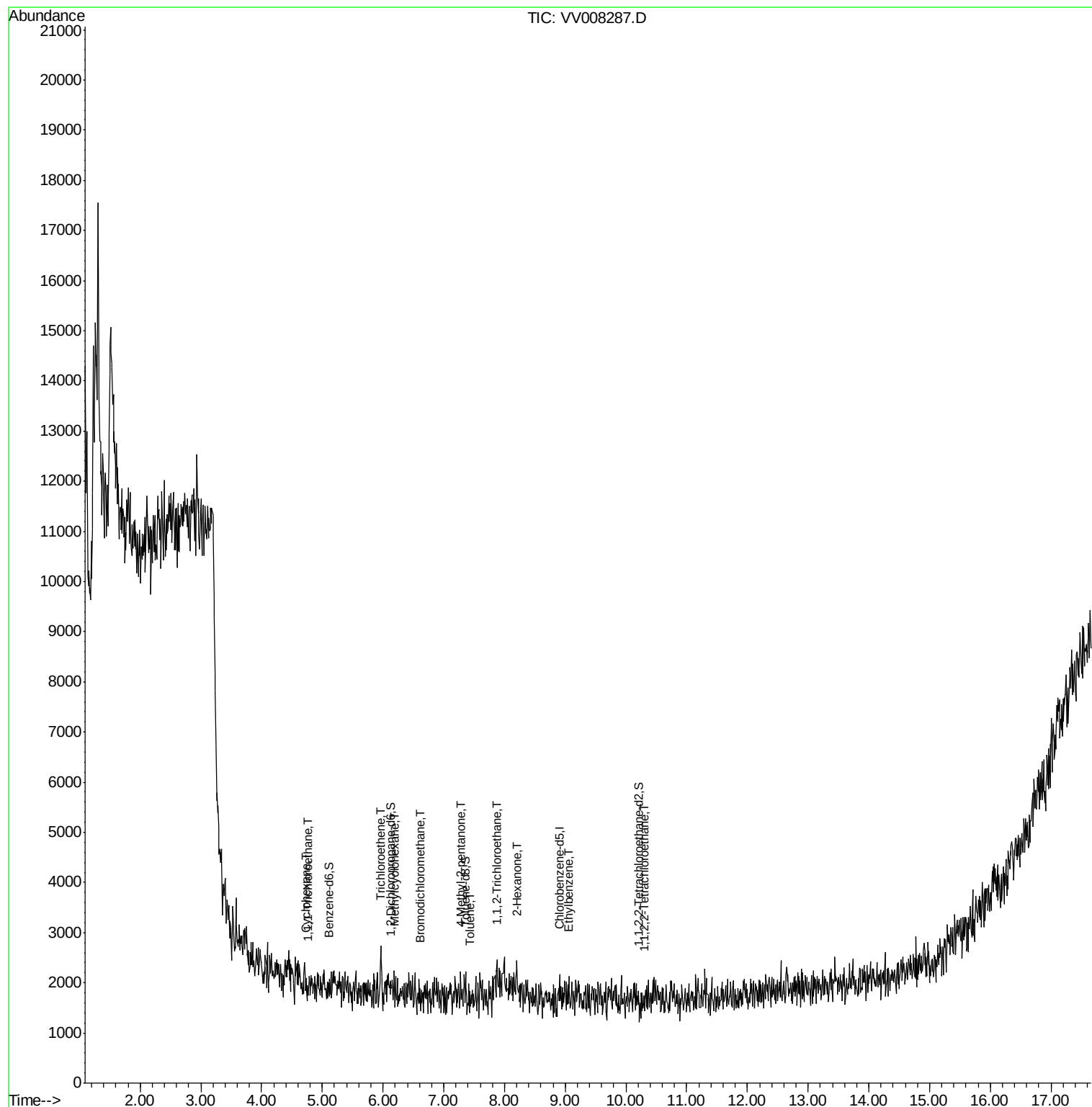
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) 1,1,1-Trichloroethane	4.77	97	19	1.293	ug/L #	23
30) Cyclohexane	4.73	56	158	8.554	ug/L #	2
34) Trichloroethene	5.96	95	451	40.928	ug/L	89
35) Methylcyclohexane	6.19	83	20	1.076	ug/L #	1
38) Bromodichloromethane	6.61	83	23	1.908	ug/L #	25
40) 4-Methyl-2-pentanone	7.28	43	134	20.393	ug/L #	62
42) Toluene	7.43	91	22	0.531	ug/L #	22
45) 1,1,2-Trichloroethane	7.89	97	19	2.853	ug/L #	13
48) 2-Hexanone	8.20	43	183	38.105	ug/L #	63
52) Ethylbenzene	9.06	91	45	0.987	ug/L #	44
58) 1,1,2,2-Tetrachloroethane	10.30	83	20	2.639	ug/L #	24

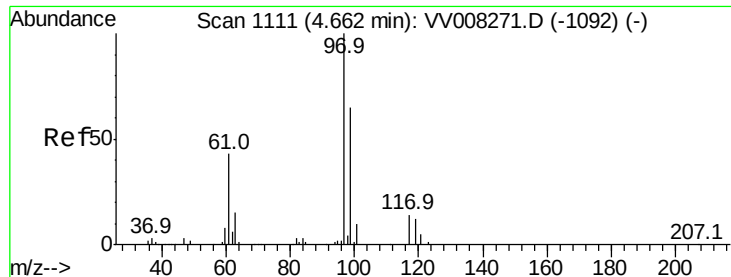
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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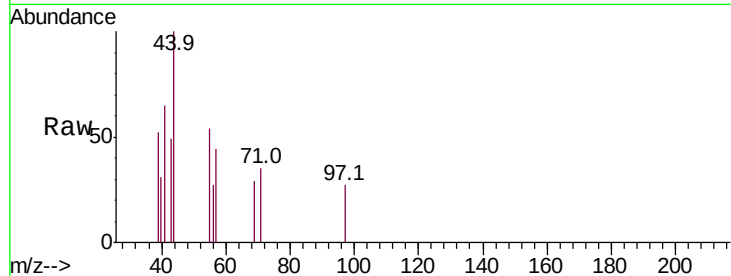




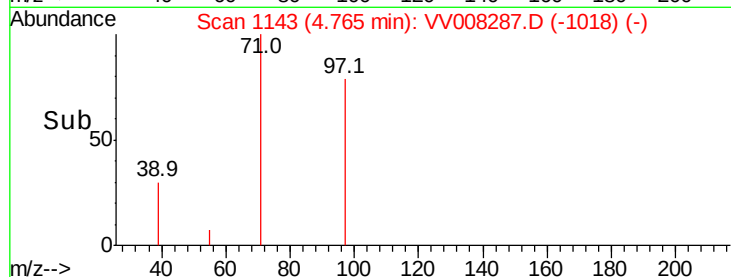
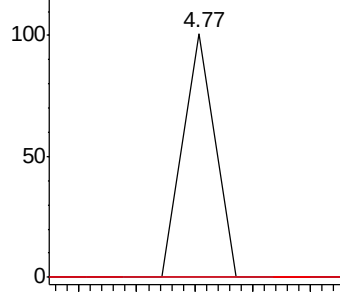
#29
 1,1,1-Trichloroethane
 Concen: 1.293 ug/L
 RT: 4.77 min Scan# 1143
 Delta R.T. 0.10 min
 Lab File: VV008287.D
 Acq: 15 Oct 2018 22:38

Instrument :
 MSVOA_V
 ClientSampled :

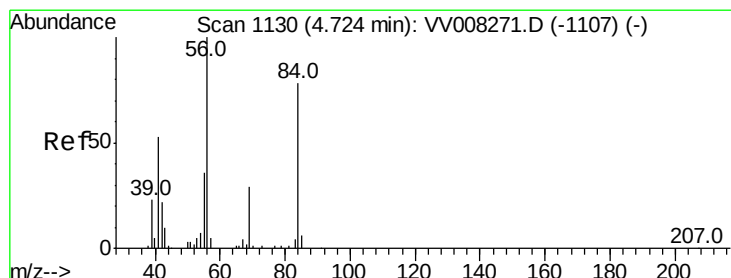
Tot Ion: 97 Resp: 19
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.6 77.4#
 61 0.0 37.0 55.6#



Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

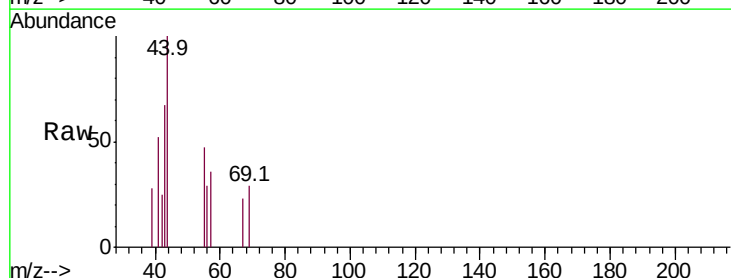


Time-->

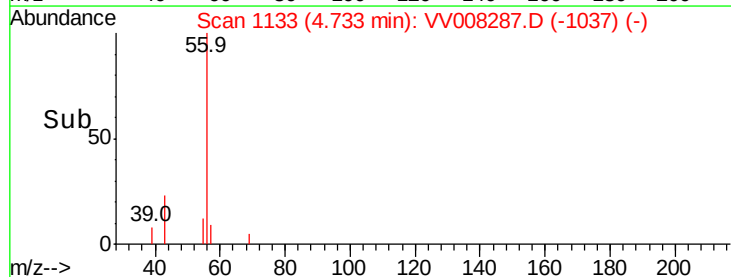
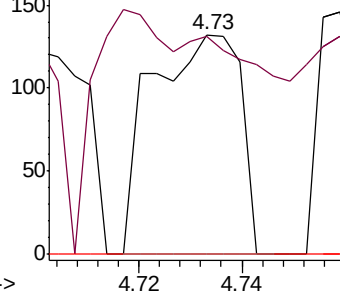


#30
 Cyclohexane
 Concen: 8.554 ug/L
 RT: 4.73 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: VV008287.D
 Acq: 15 Oct 2018 22:38

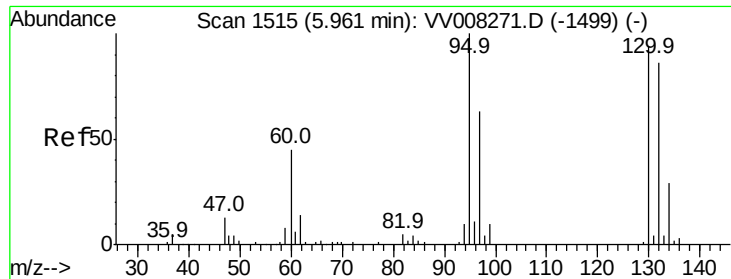
Tgt Ion: 56 Resp: 158
 Ion Ratio Lower Upper
 56 100
 69 94.9 24.3 36.5#
 84 0.0 64.1 96.1#



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0



Time-->



#34

Trichloroethene

Concen: 40.928 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008287.D

Acq: 15 Oct 2018 22:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 451

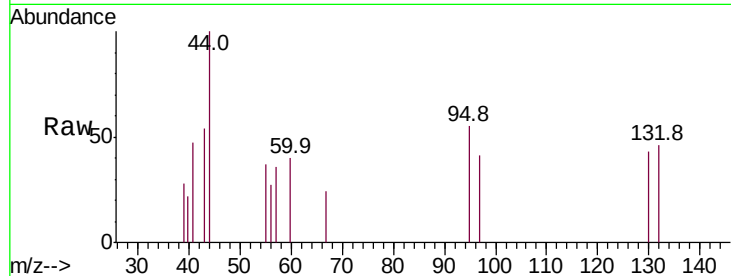
Ion Ratio Lower Upper

95 100

97 74.0 44.4 82.4

132 82.3 60.4 112.2

130 78.0 65.5 121.7

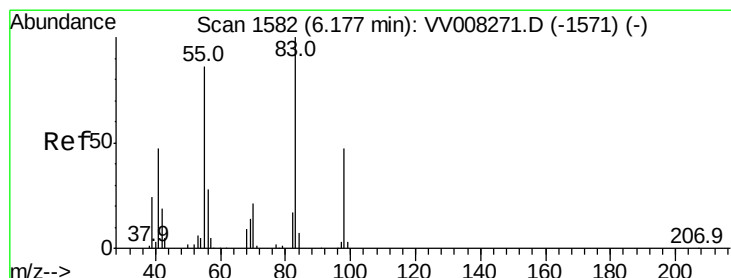
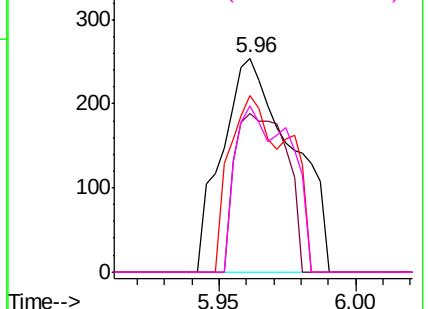
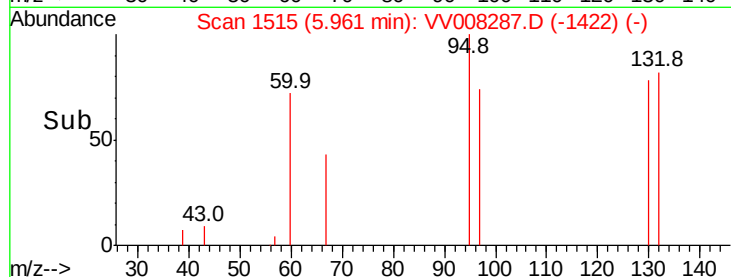


Abundance Ion 95.00 (94.70 to 95.70): VV008287.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008287.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008287.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008287.D (-1422) (-)



#35

Methylcyclohexane

Concen: 1.076 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VV008287.D

Acq: 15 Oct 2018 22:38

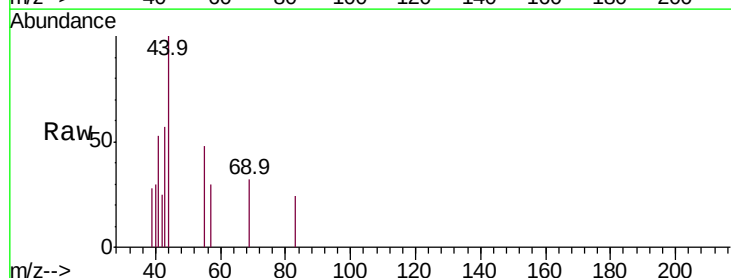
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

55 185.0 64.0 96.0#

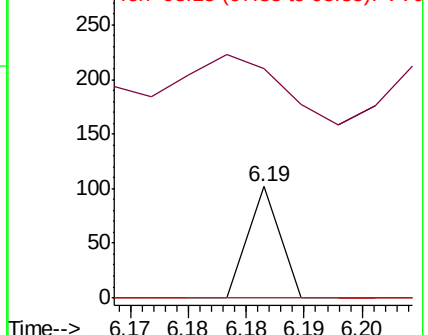
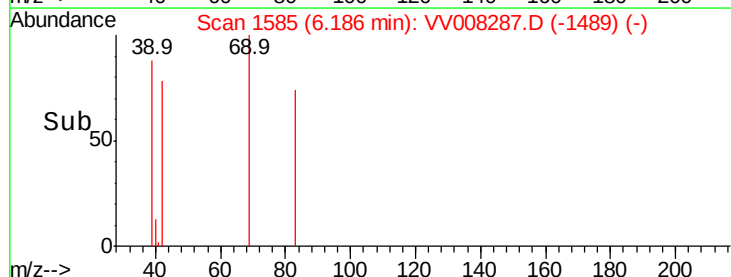
98 0.0 37.0 55.4#

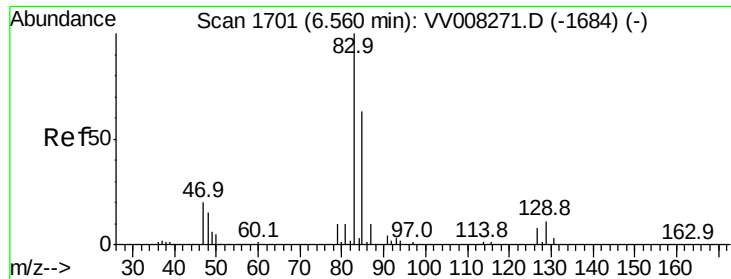


Abundance Ion 83.15 (82.85 to 83.85): VV008287.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008287.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008287.D (-1489) (-)

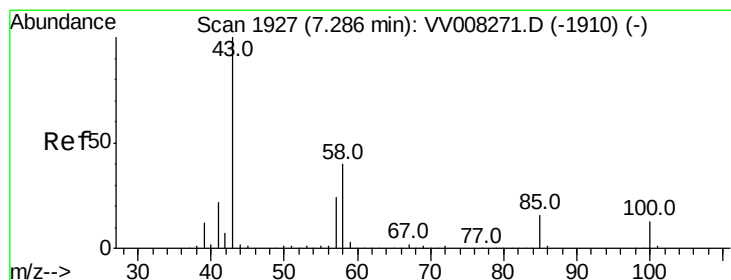
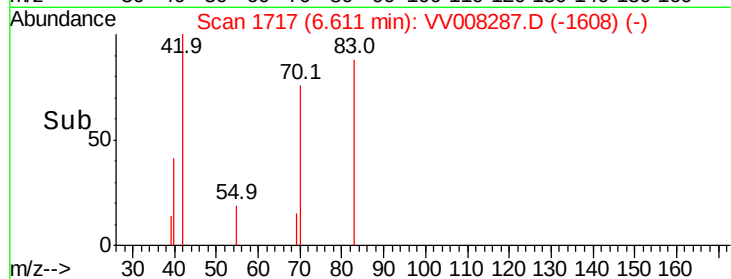
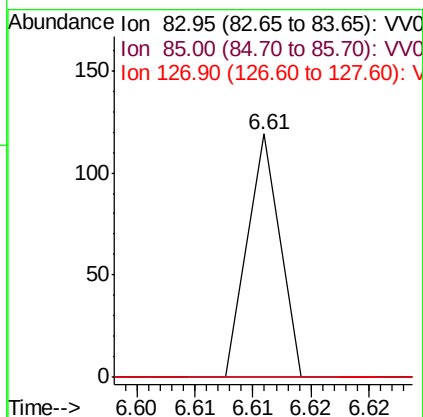
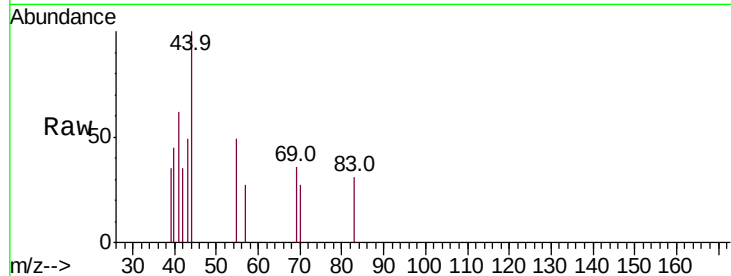




#38
Bromodichloromethane
Concen: 1.908 ug/L
RT: 6.61 min Scan# 1717
Delta R.T. 0.05 min
Lab File: VV008287.D
Acq: 15 Oct 2018 22:38

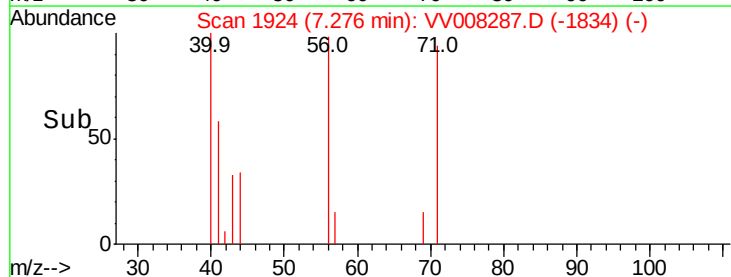
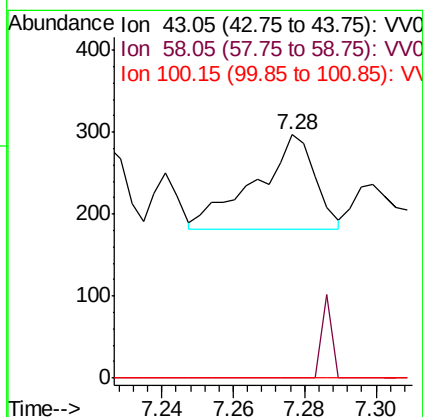
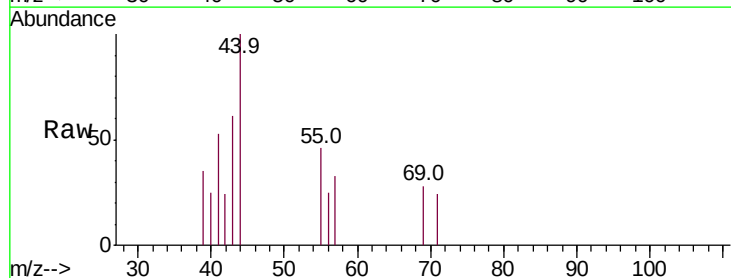
Instrument :
MSVOA_V
ClientSampleId :

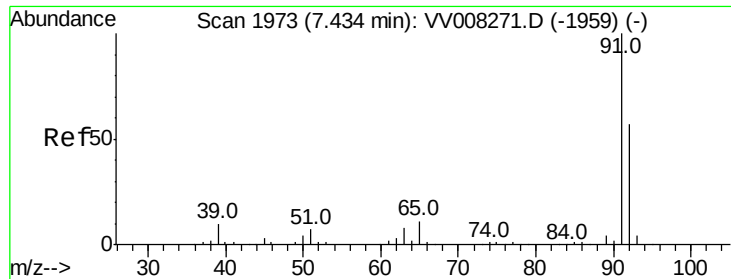
Tot Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
85 0.0 44.3 82.3#
127 0.0 6.6 10.0#



#40
4-Methyl-2-pentanone
Concen: 20.393 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. -0.01 min
Lab File: VV008287.D
Acq: 15 Oct 2018 22:38

Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
58 14.9 31.3 46.9#
100 0.0 10.5 15.7#





#42

Toluene

Concen: 0.531 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008287.D

Acq: 15 Oct 2018 22:38

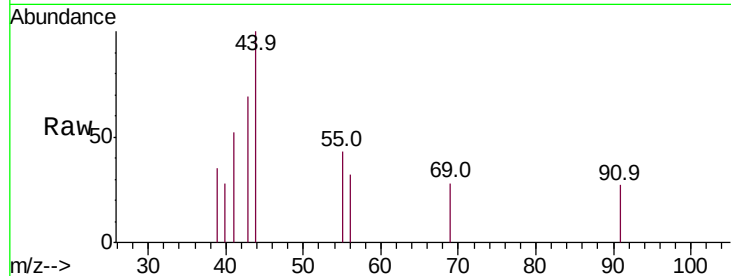
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 22

Ion Ratio Lower Upper

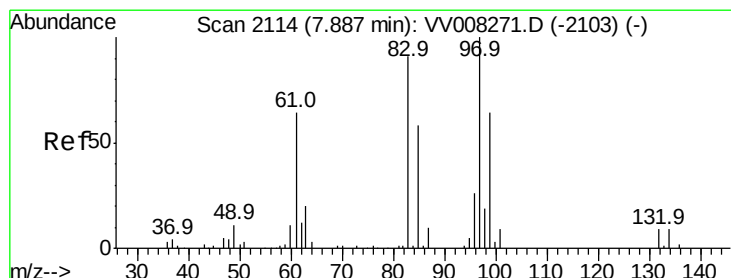
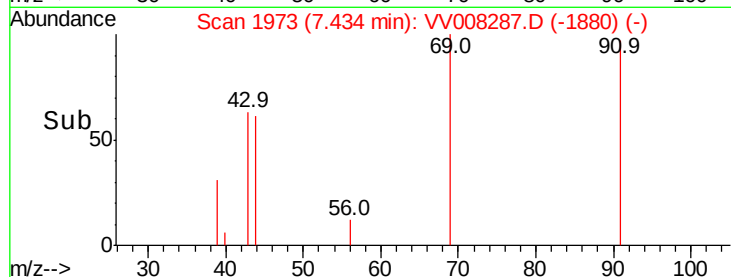
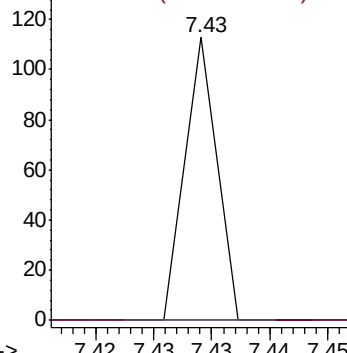
91 100

92 0.0 40.1 74.5#



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#45

1,1,2-Trichloroethane

Concen: 2.853 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VV008287.D

Acq: 15 Oct 2018 22:38

Tgt Ion: 97 Resp: 19

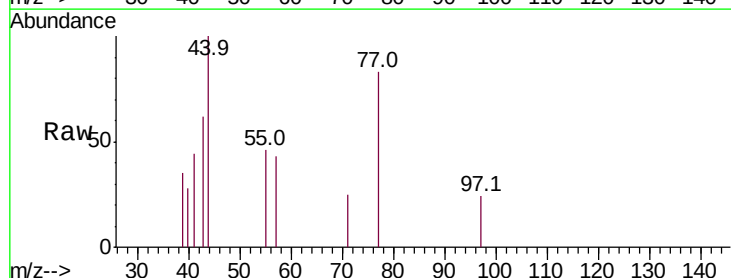
Ion Ratio Lower Upper

97 100

99 0.0 44.1 81.9#

83 0.0 63.7 118.3#

85 0.0 40.7 75.7#

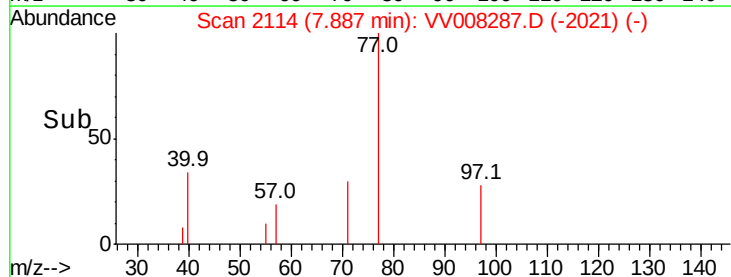
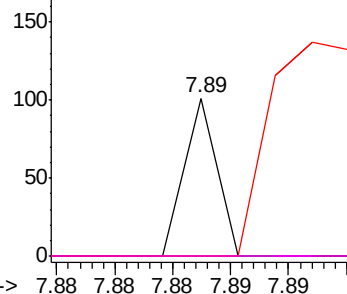


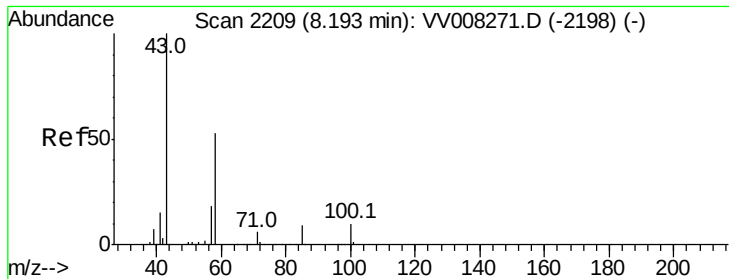
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

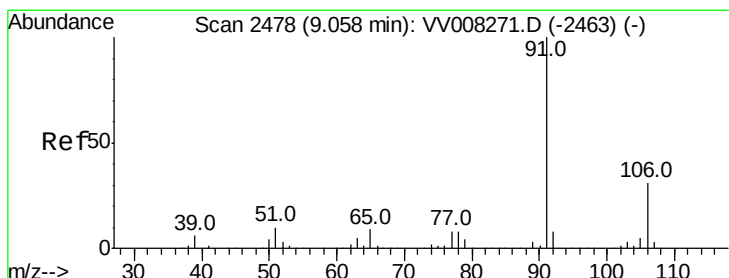
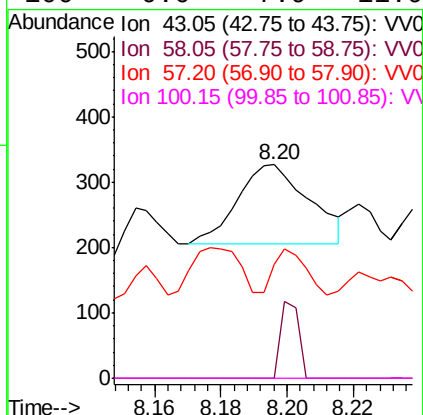
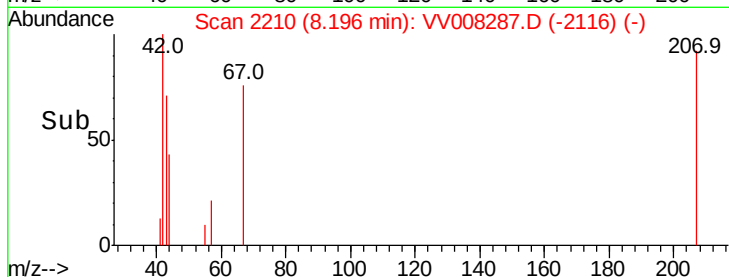
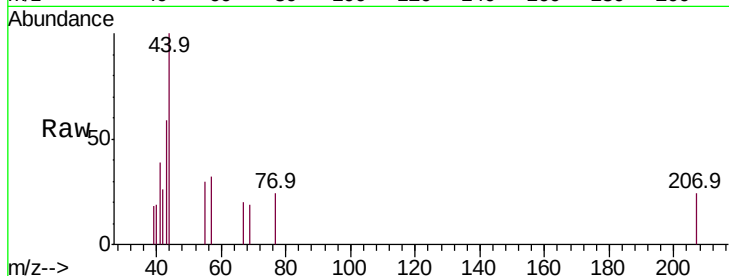




#48
2-Hexanone
Concen: 38.105 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008287.D
Acq: 15 Oct 2018 22:38

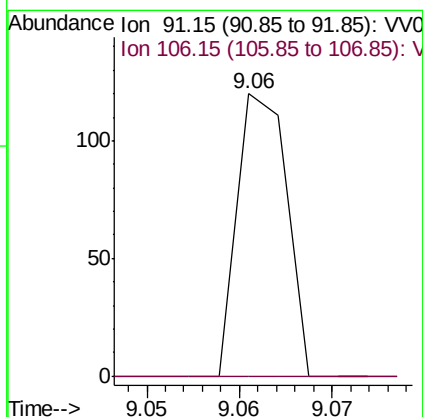
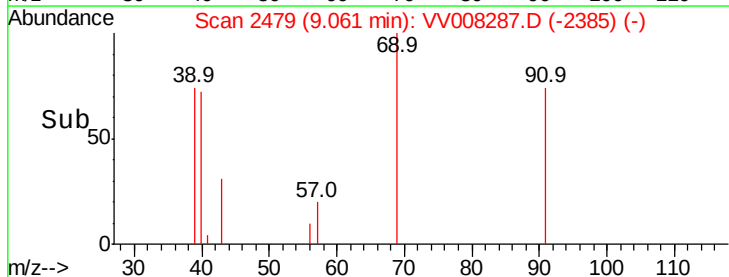
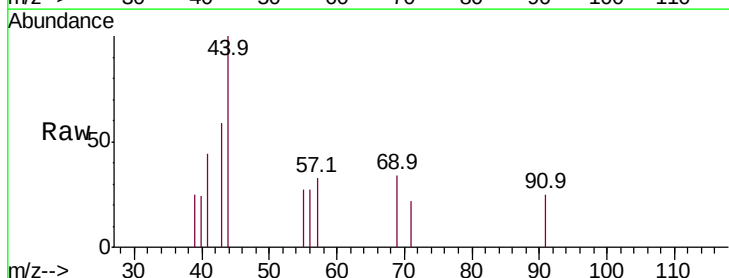
Instrument :
MSVOA_V
ClientSampled :

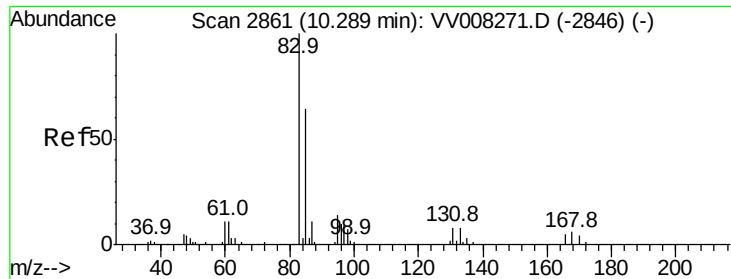
Tot Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 24.0 45.0 67.4#
57 27.9 14.4 21.6#
100 0.0 7.9 11.9#



#52
Ethylbenzene
Concen: 0.987 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV008287.D
Acq: 15 Oct 2018 22:38

Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
106 0.0 21.6 40.2#





#58

1,1,2,2-Tetrachloroethane

Concen: 2.639 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.01 min

Lab File: VV008287.D

Acq: 15 Oct 2018 22:38

Instrument :

MSVOA_V

ClientSampleId :

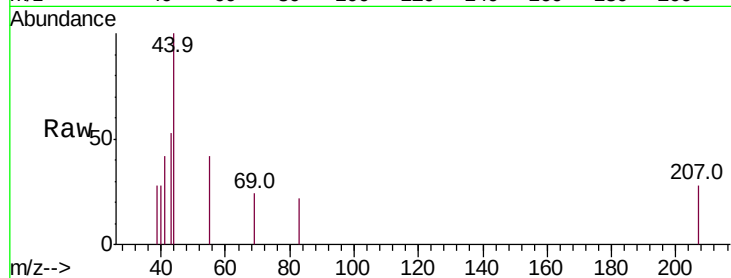
Tot Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

85 0.0 45.6 84.6#

131 0.0 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

