

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008277.D
 Acq On : 15 Oct 2018 16:18
 Operator : SY/MD
 Sample : VV1015WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:25:05 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	5.67	114	177914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46006	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	35354	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	65413	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.98	46	125230	37.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.28%
24) Chloroform-d	4.41	84	98493	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	50459	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	219348	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	73765	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	200042	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	27650	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	102294	45.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	42395	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	60069	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

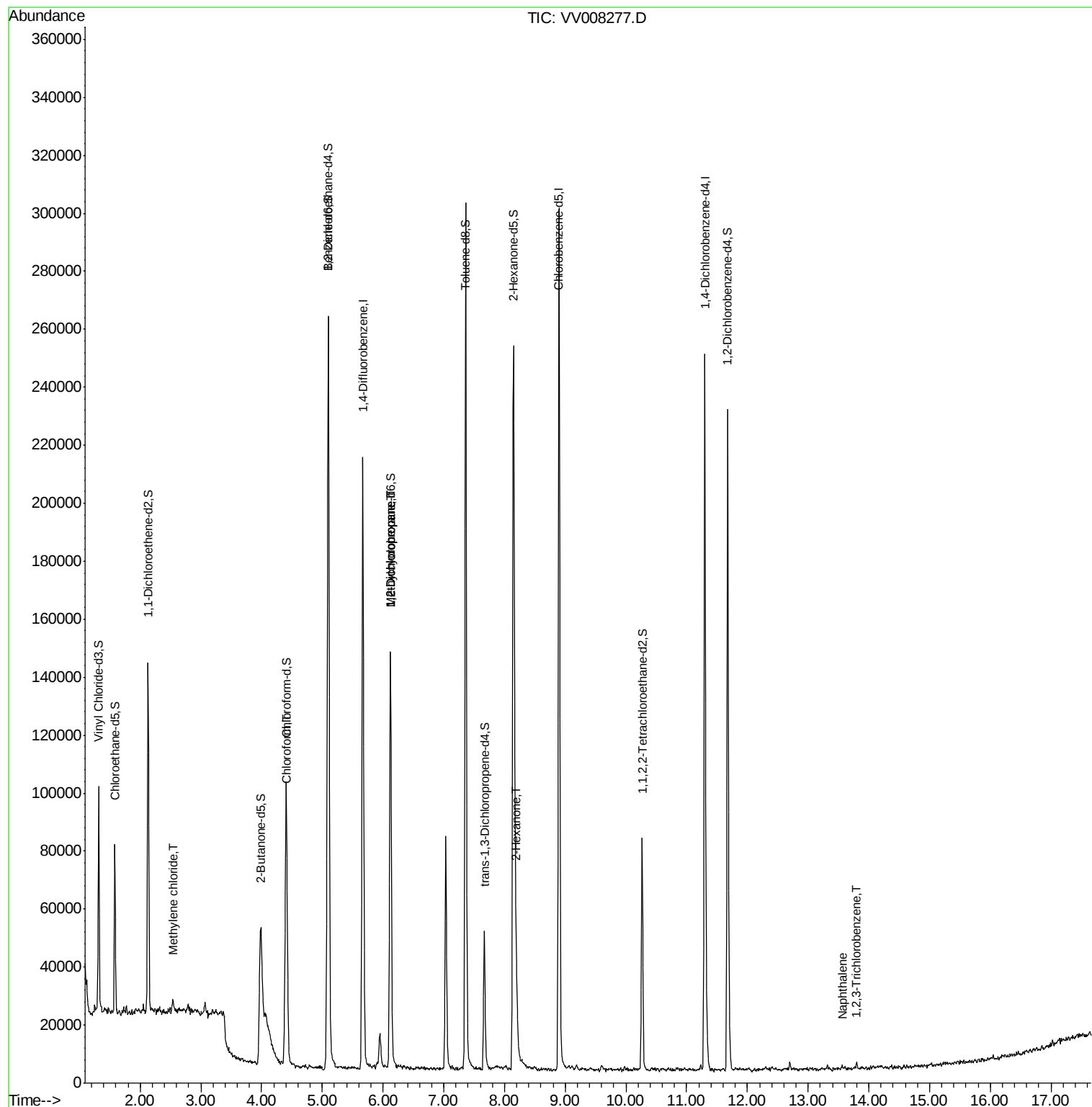
					Ovalue
16) Methylene chloride	2.54	84	1417	0.143 ug/L	95
25) Chloroform	4.42	83	1952	0.084 ug/L	83
35) Methylcyclohexane	6.12	83	17385	0.692 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7726	0.532 ug/L #	90
48) 2-Hexanone	8.20	43	21116	3.250 ug/L #	77
69) Naphthalene	13.57	128	1257	0.065 ug/L #	84
70) 1,2,3-Trichlorobenzene	13.80	180	554	0.054 ug/L	95

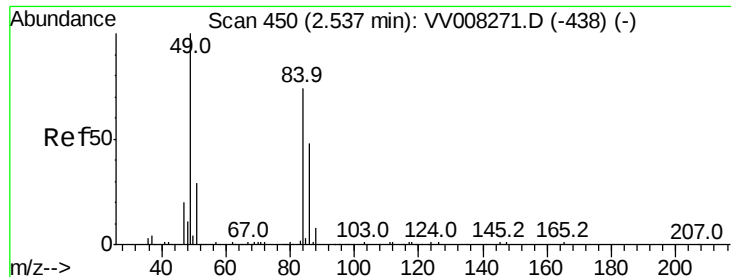
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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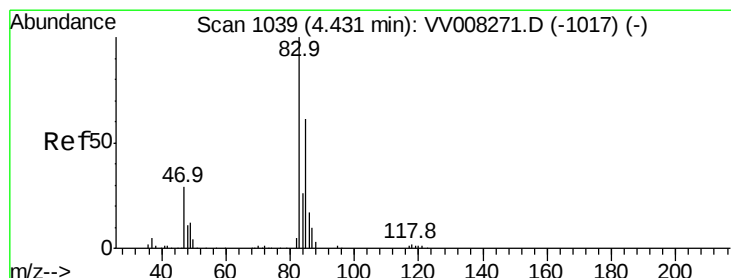
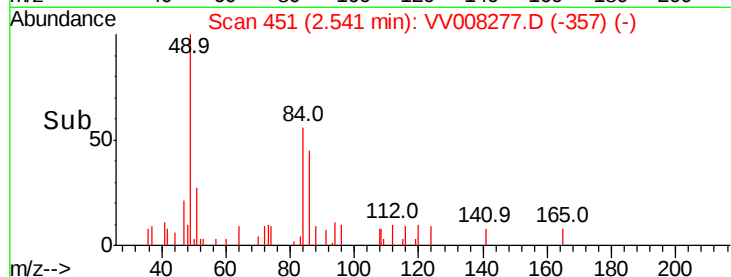
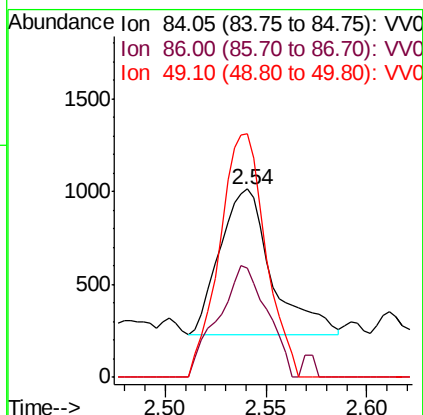
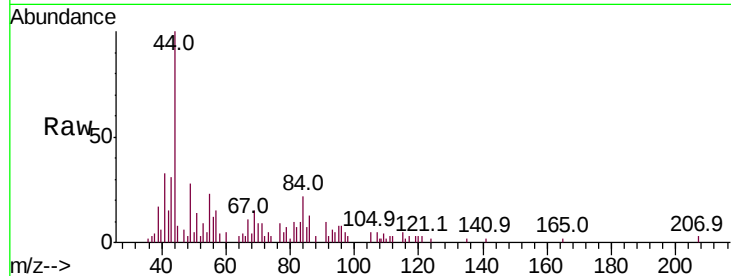




#16
Methylene chloride
Concen: 0.143 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008277.D
Acq: 15 Oct 2018 16:18

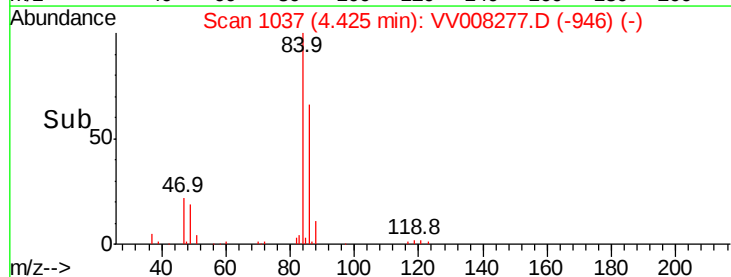
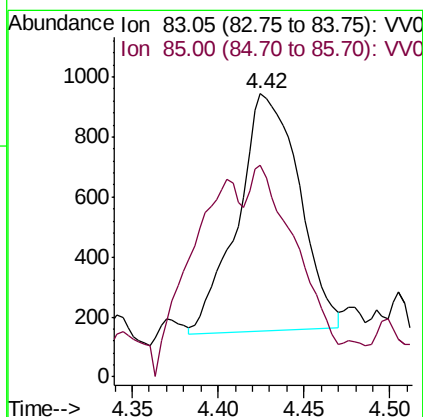
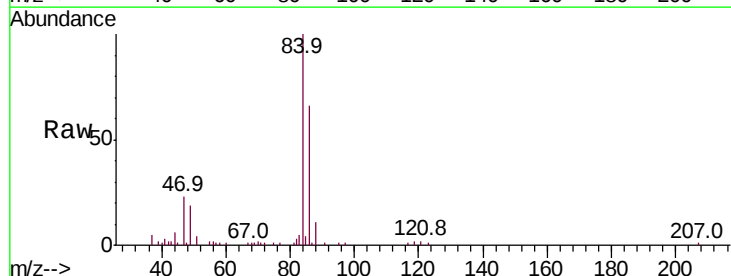
Instrument :
MSVOA_V
ClientSampleId :

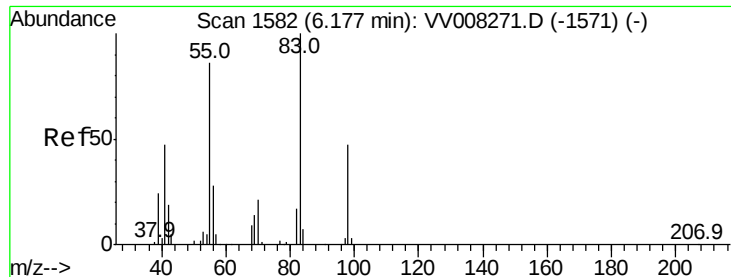
Tot Ion: 84 Resp: 1417
Ion Ratio Lower Upper
84 100
86 57.9 45.0 83.6
49 129.4 92.9 172.5



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VV008277.D
Acq: 15 Oct 2018 16:18

Tgt Ion: 83 Resp: 1952
Ion Ratio Lower Upper
83 100
85 74.9 43.4 80.6





#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008277.D

Acq: 15 Oct 2018 16:18

Instrument :
MSVOA_V
ClientSampleId :

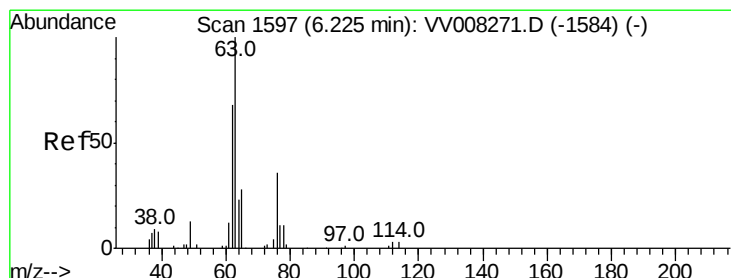
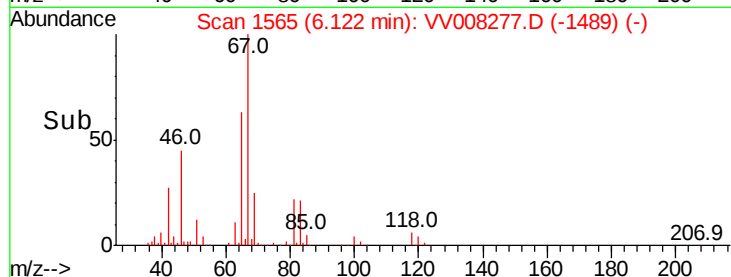
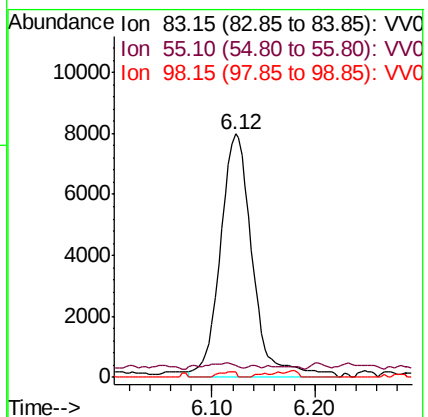
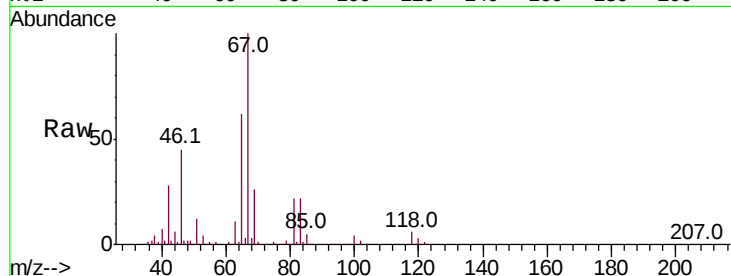
Tot Ion: 83 Resp: 17385

Ion Ratio Lower Upper

83 100

55 0.8 64.0 96.0#

98 1.2 37.0 55.4#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008277.D

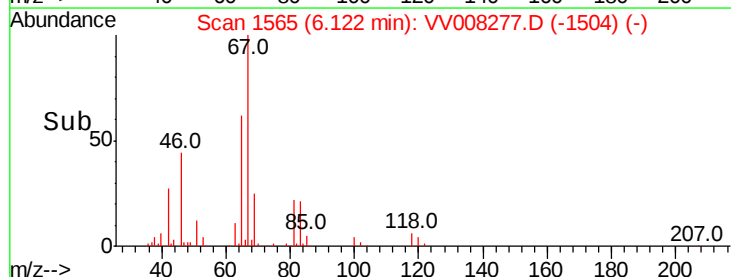
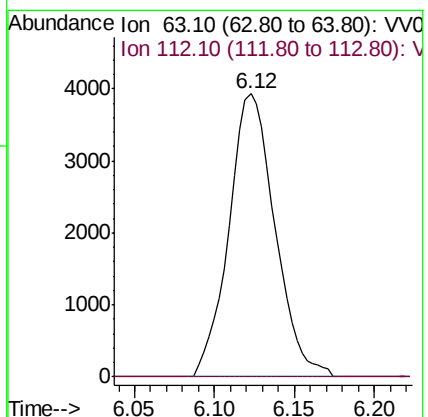
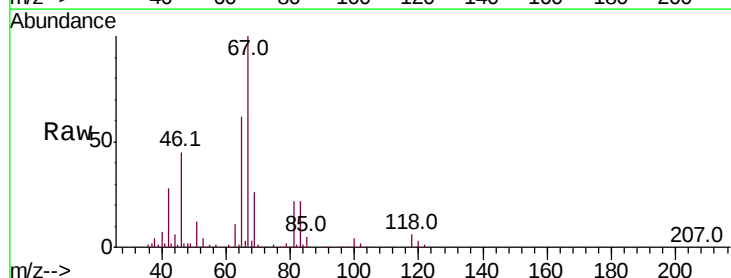
Acq: 15 Oct 2018 16:18

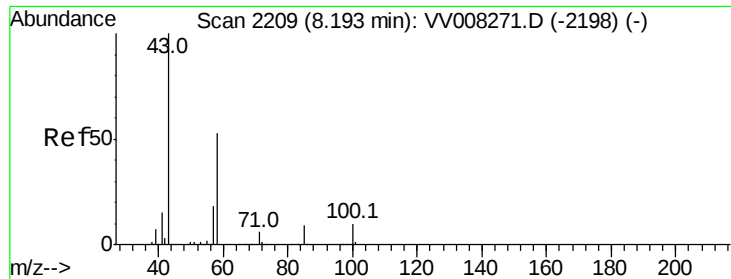
Tgt Ion: 63 Resp: 7726

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

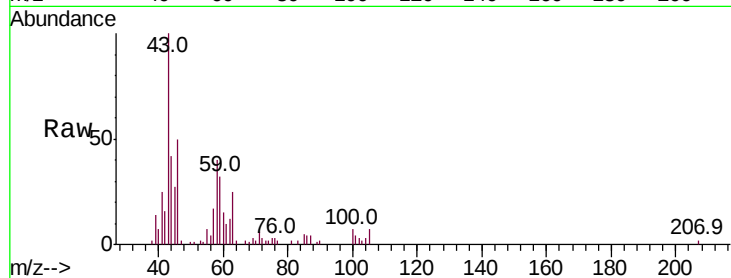




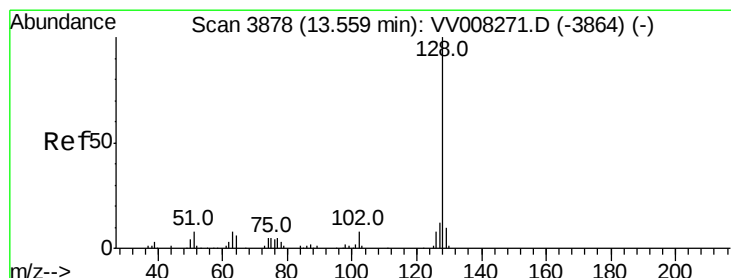
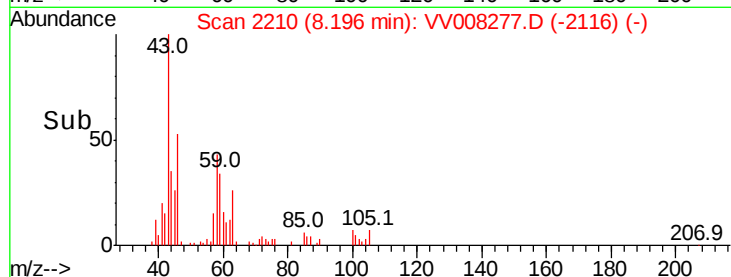
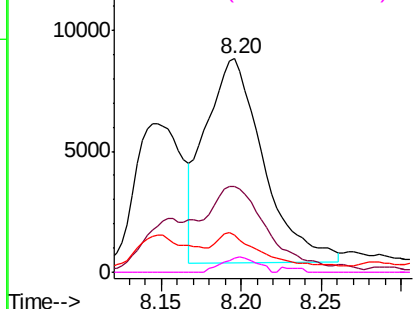
#48
2-Hexanone
Concen: 3.250 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008277.D
Acq: 15 Oct 2018 16:18

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 21116
Ion Ratio Lower Upper
43 100
58 37.0 45.0 67.4#
57 10.8 14.4 21.6#
100 4.5 7.9 11.9#

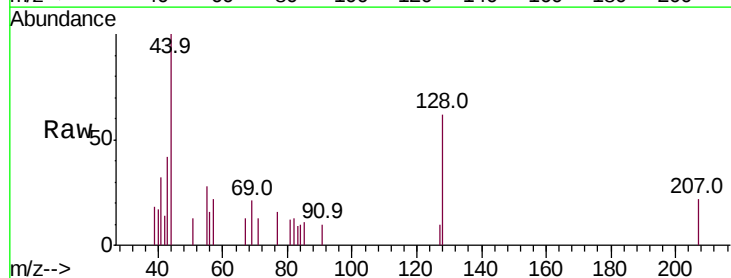


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

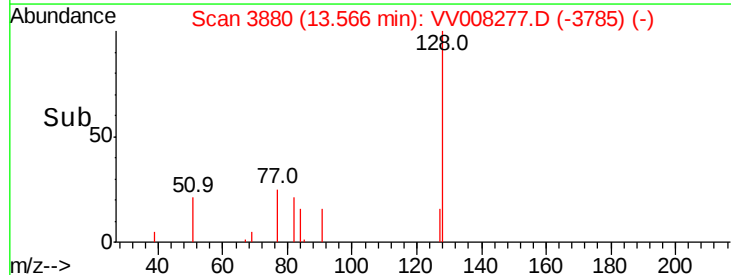
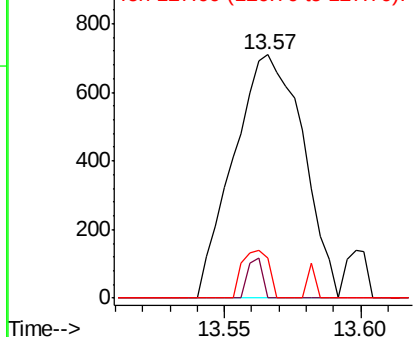


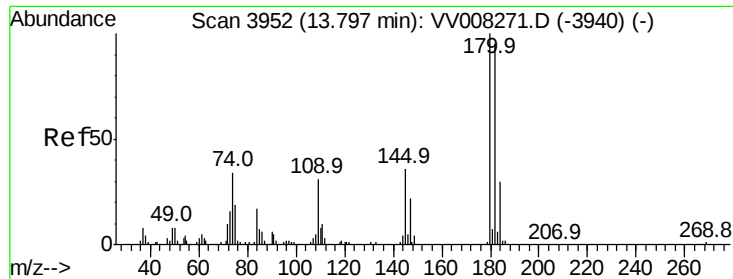
#69
Naphthalene
Concen: 0.065 ug/L
RT: 13.57 min Scan# 3880
Delta R.T. 0.01 min
Lab File: VV008277.D
Acq: 15 Oct 2018 16:18

Tgt Ion: 128 Resp: 1257
Ion Ratio Lower Upper
128 100
129 3.3 8.6 12.8#
127 7.6 10.1 15.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

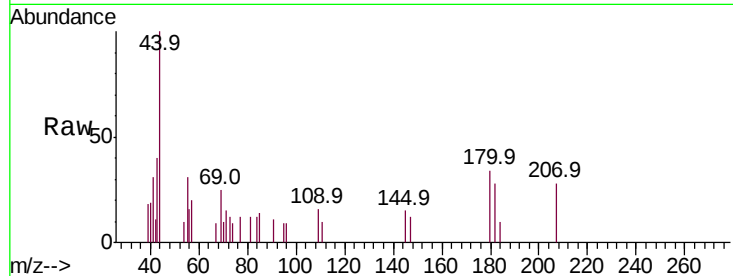




#70
 1,2,3-Trichlorobenzene
 Concen: 0.054 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV008277.D
 Acq: 15 Oct 2018 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.8	113.8
145	29.6	28.3	42.5



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

