LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	5	9	17	rVB3	8570	13850	6.91%	1.103%
2	2.361	71	75	82	rVV2	1091	2470	1.23%	0.197%
3	2.812	143	149	158	rBV2	3890	9147	4.56%	0.729%
4	3.391	236	244	251	rBV5	1390	3265	1.63%	0.260%
5	3.684	286	292	296	rBV2	1453	2920	1.46%	0.233%
6	4.123	354	364	371	rBV	22990	63170	31.51%	5.032%
7	4.202	371	377	389	rVB2	11141	29346	14.64%	2.338%
8	4.391	399	408	409	rBV2	1414	2574	1.28%	0.205%
9	4.909	484	493	506	rBB4	4822	14919	7.44%	1.188%
10	7.141	851	859	860	rBV	4085	6639	3.31%	0.529%
11	7.884	971	981	986	rBV	37963	87912	43.85%	7.003%
12	7.945	986	991	1001	rVB	58431	127299	63.49%	10.140%
13	8.305	1037	1050	1061	rBB	38902	86832	43.31%	6.917%
14	8.842	1130	1138	1148	rBB	91588	180304	89.93%	14.363%
15	9.646	1265	1270	1275	rBB3	1624	2755	1.37%	0.219%
16	10.134	1344	1350	1356	rBB2	1941	3572	1.78%	0.285%
17	10.323	1373	1381	1388	rBV	114396	200494	100.00%	15.971%
18	10.390	1388	1392	1402	rVB2	6910	13214	6.59%	1.053%
19	10.701	1439	1443	1449	rBV2	1736	3043	1.52%	0.242%
20	11.067	1497	1503	1509	rBB	5936	9098	4.54%	0.725%
21	11.445	1560	1565	1570	rBB2	1906	3029	1.51%	0.241%
22	11.634	1589	1596	1604	rVB	95446	161969	80.78%	12.902%
23	12.621	1749	1758	1765	rBB	59865	98002	48.88%	7.807%
24	12.938	1806	1810	1818	rBB2	2072	3061	1.53%	0.244%
25	13.219	1848	1856	1861	rVV4	6532	11634	5.80%	0.927%
26	13.292	1863	1868	1878	rVB3	4971	9918	4.95%	0.790%
27	13.420	1881	1889	1893	rBB3	2377	4190	2.09%	0.334%
28	13.560	1904	1912	1918	rBV	57897	93400	46.58%	7.440%
29	13.615	1918	1921	1930	rVB3	2343	4416	2.20%	0.352%
30	13.932	1966	1973	1976	rBV4	1771	2919	1.46%	0.233%

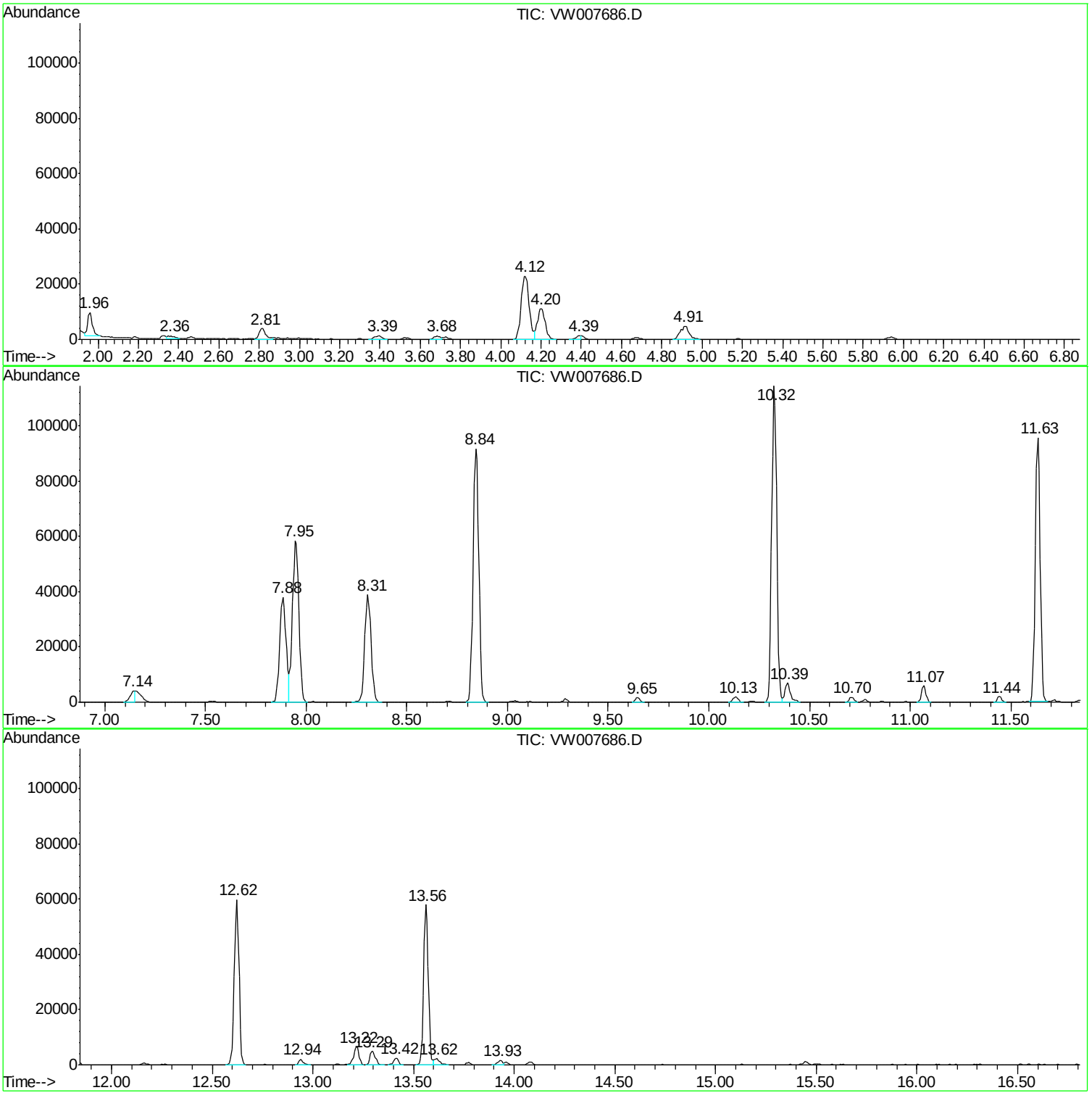
Sum of corrected areas: 1255361

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

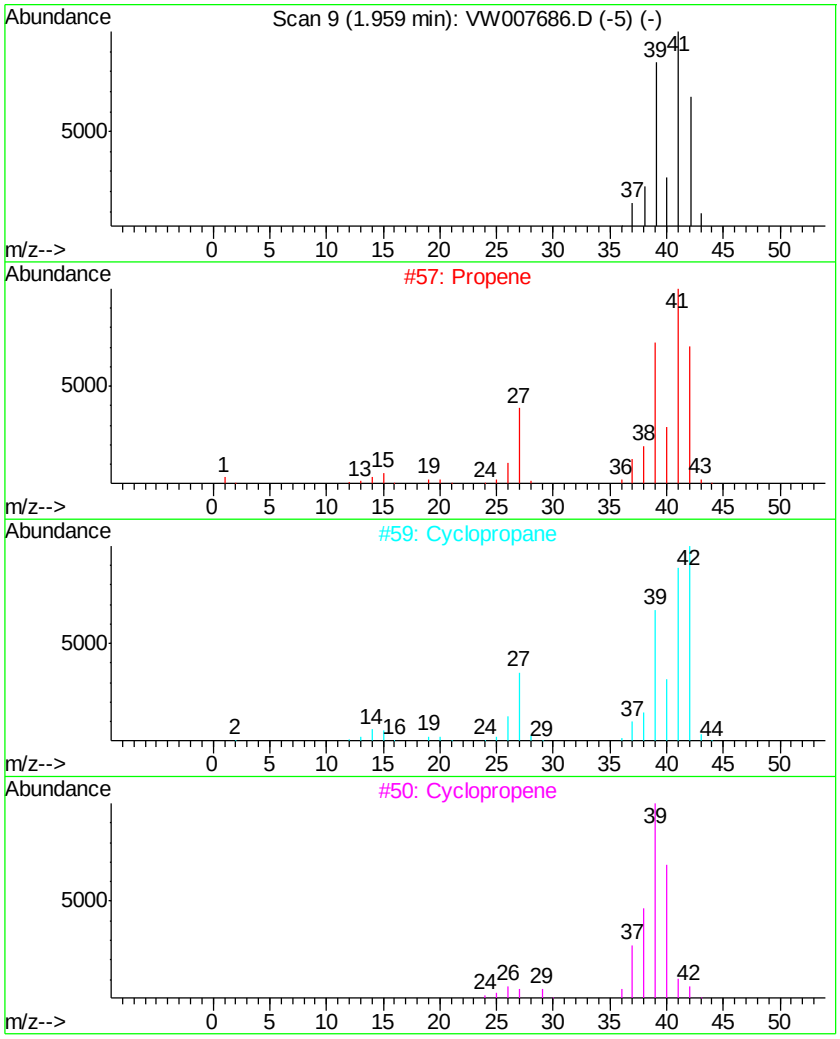
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

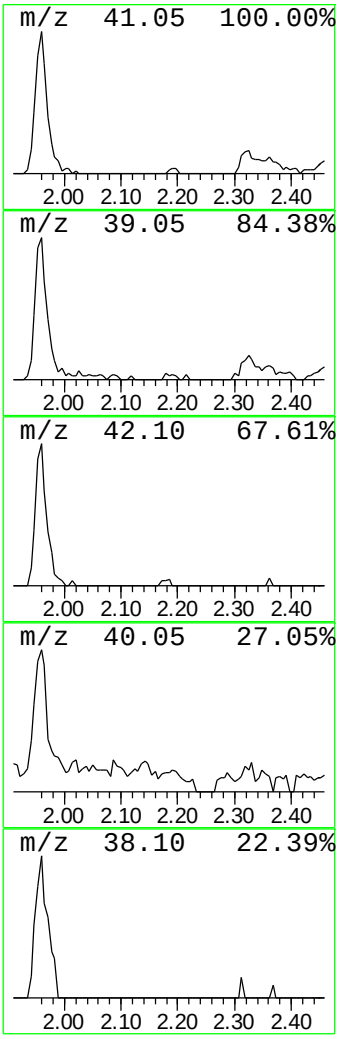
****

Peak Number 1 Propene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	5.44 ug/l	13850	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	43
3	Cyclopropene	40	C3H4	002781-85-3	10
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	2
5	Butanenitrile	69	C4H7N	000109-74-0	1





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

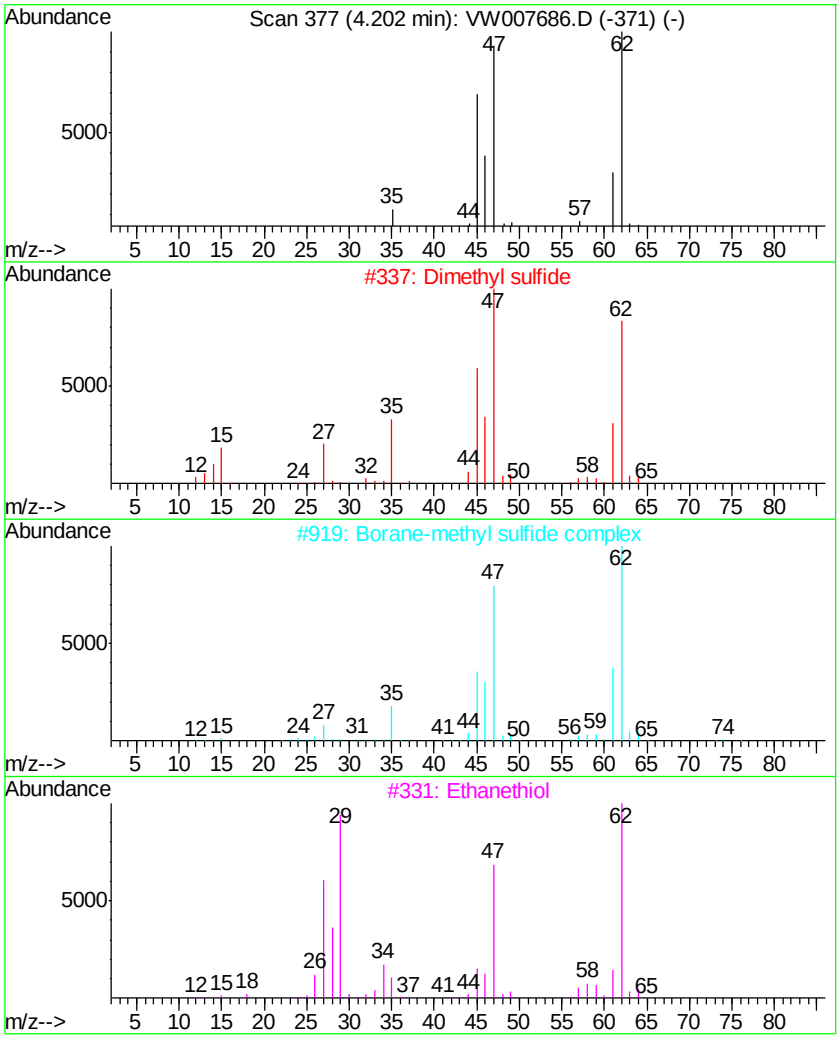
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

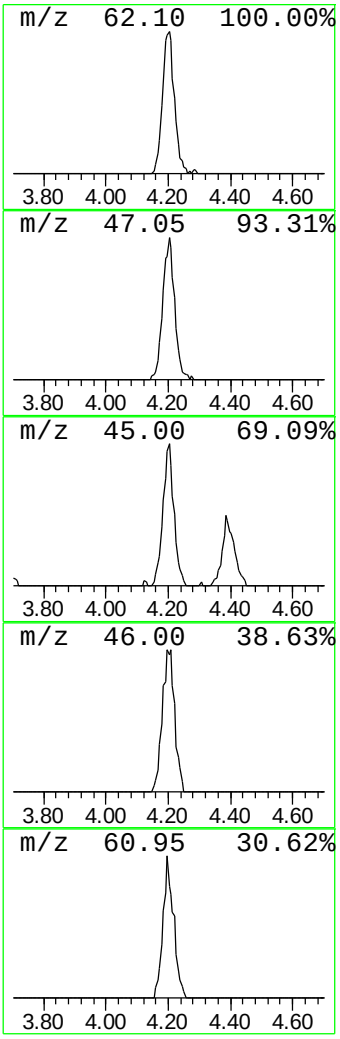
****

Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	11.53 ug/l	29346	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3	Ethanethiol	62	C2H6S	000075-08-1	80
4	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5	Boric acid	62	BH3O3	010043-35-3	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

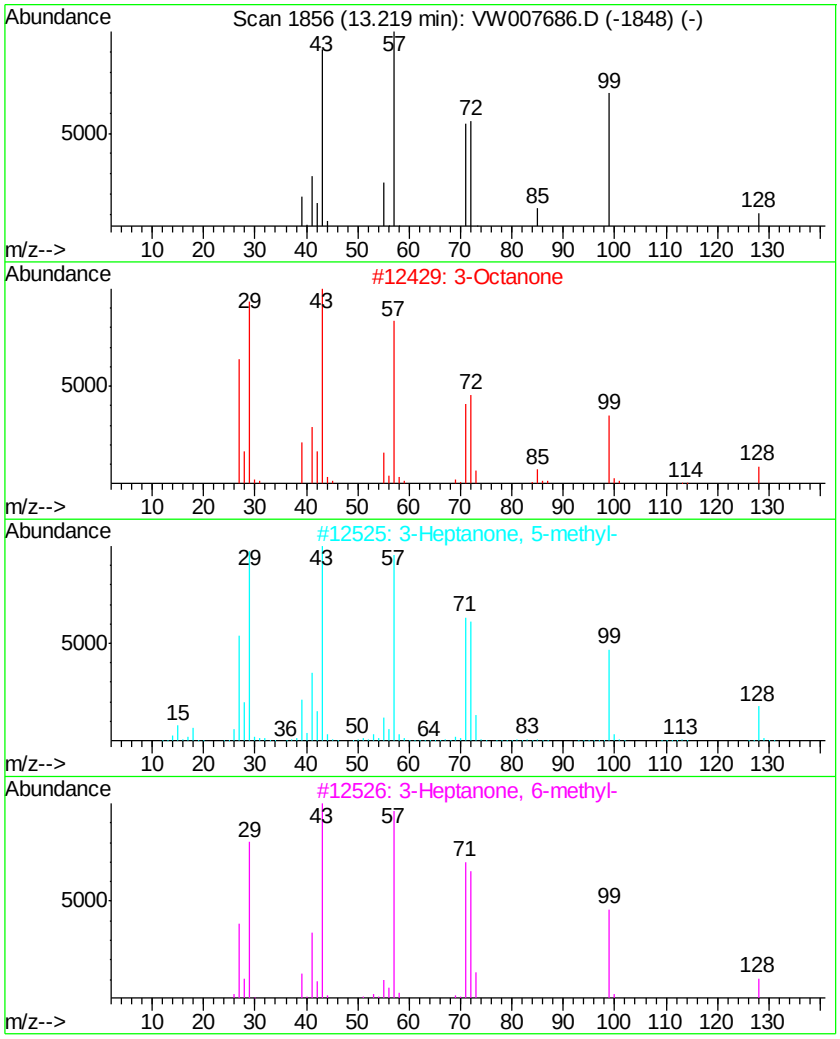
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

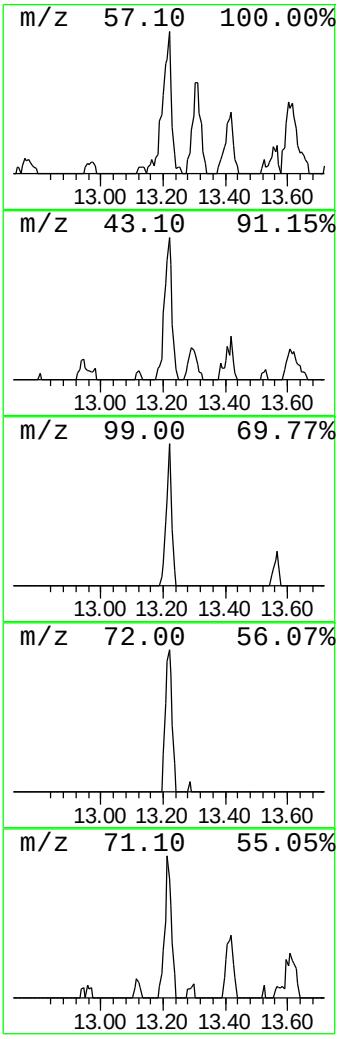
****

Peak Number 3 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	6.23 ug/l	11634	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	80
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	72
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

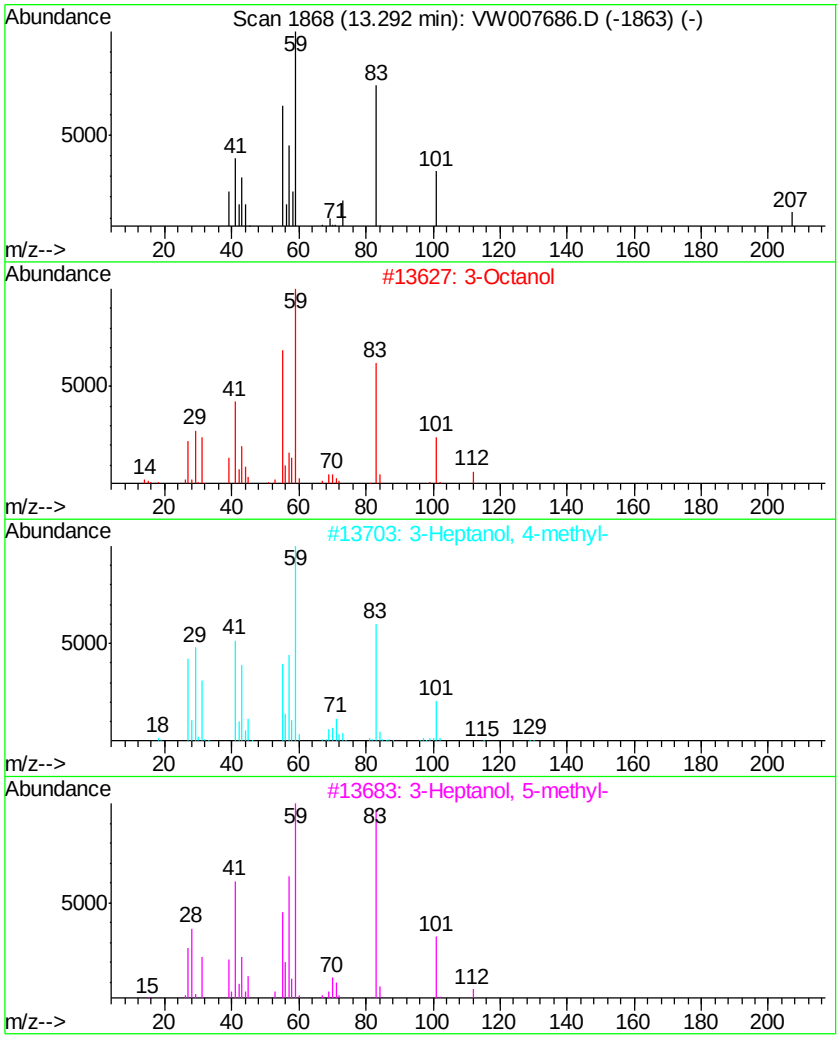
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

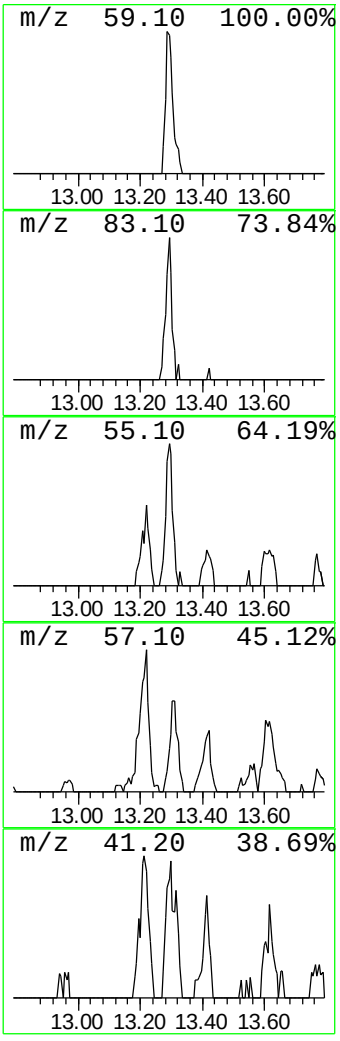
****

Peak Number 4 3-Octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.31 ug/l	9918	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	72
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	72
3	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	50
4	3-Octanol, 1,1,2,2-tetrafluoro-	202	C8H14F4O	074810-72-3	35
5	4-Methyl-5-decanol	172	C11H24O	213547-15-0	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS006-0006-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propene	1.96	5.4	ug/l	13850	1	7.95	127299	50.0
Dimethyl sulfide	4.20	11.5	ug/l	29346	1	7.95	127299	50.0
3-Octanone	13.22	6.2	ug/l	11634	4	13.56	93400	50.0
3-Octanol	13.29	5.3	ug/l	9918	4	13.56	93400	50.0