LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
Data File : VW010407.D
Acq On : 12 May 2019 14:42
Operator : SY/VA
Sample : K2718-21
Misc : 3.65G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P026-SS008-0002-01

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\82W050919S.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	1.952	4	8	27	rVB	352474	629624	14.60%	3.467%
2	2.318	64	68	72	rBV2	41203	77183	1.79%	0.425%
3	2.653	117	123	131	rBV	61978	148611	3.45%	0.818%
4	3.391	236	244	252	rBV2	37705	107955	2.50%	0.594%
5	3.714	293	297	311	rVB10	13581	48702	1.13%	0.268%
6	4.117	351	363	370	rBV	1616906	4313204	100.00%	23.751%
7	4.196	370	376	392	rVB	1072283	3117214	72.27%	17.165%
8	4.391	403	408	432	rVB4	84036	347862	8.07%	1.915%
9	4.665	444	453	465	rBV2	48486	135081	3.13%	0.744%
10	4.940	485	498	511	rVB8	26459	128844	2.99%	0.709%
11	5.933	651	661	670	rBV6	16832	54867	1.27%	0.302%
12	7.171	854	864	877	rBV	155949	419489	9.73%	2.310%
13	7.884	969	981	986	rBV	355088	866870	20.10%	4.773%
14	7.945	986	991	1002	rVB	473054	1025689	23.78%	5.648%
15	8.305	1040	1050	1061	rBV	472090	1032166	23.93%	5.684%
16	8.701	1107	1115	1126	rBV	36034	87106	2.02%	0.480%
17	8.841	1129	1138	1147	rBV	741273	1464462	33.95%	8.064%
18	9.286	1203	1211	1222	rBV	81637	169536	3.93%	0.934%
19	10.134	1340	1350	1360	rBV	140341	320772	7.44%	1.766%
20	10.323	1373	1381	1388	rVV	537911	959402	22.24%	5.283%
21	10.390	1388	1392	1402	rVV	37931	78099	1.81%	0.430%
22	11.634	1588	1596	1605	rBV	624309	1074934	24.92%	5.919%
23	12.621	1750	1758	1767	rBV2	295182	498778	11.56%	2.747%
24	12.938	1801	1810	1816	rBV	45668	82176	1.91%	0.452%
25	13.213	1849	1855	1865	rBV3	57677	108912	2.53%	0.600%
26	13.560	1906	1912	1923	rBV	354027	575695	13.35%	3.170%
27	14.078	1992	1997	2003	rVB	34492	56120	1.30%	0.309%
28	15.505	2225	2231	2238	rVB2	133971	231110	5.36%	1.273%

Sum of corrected areas: 18160463

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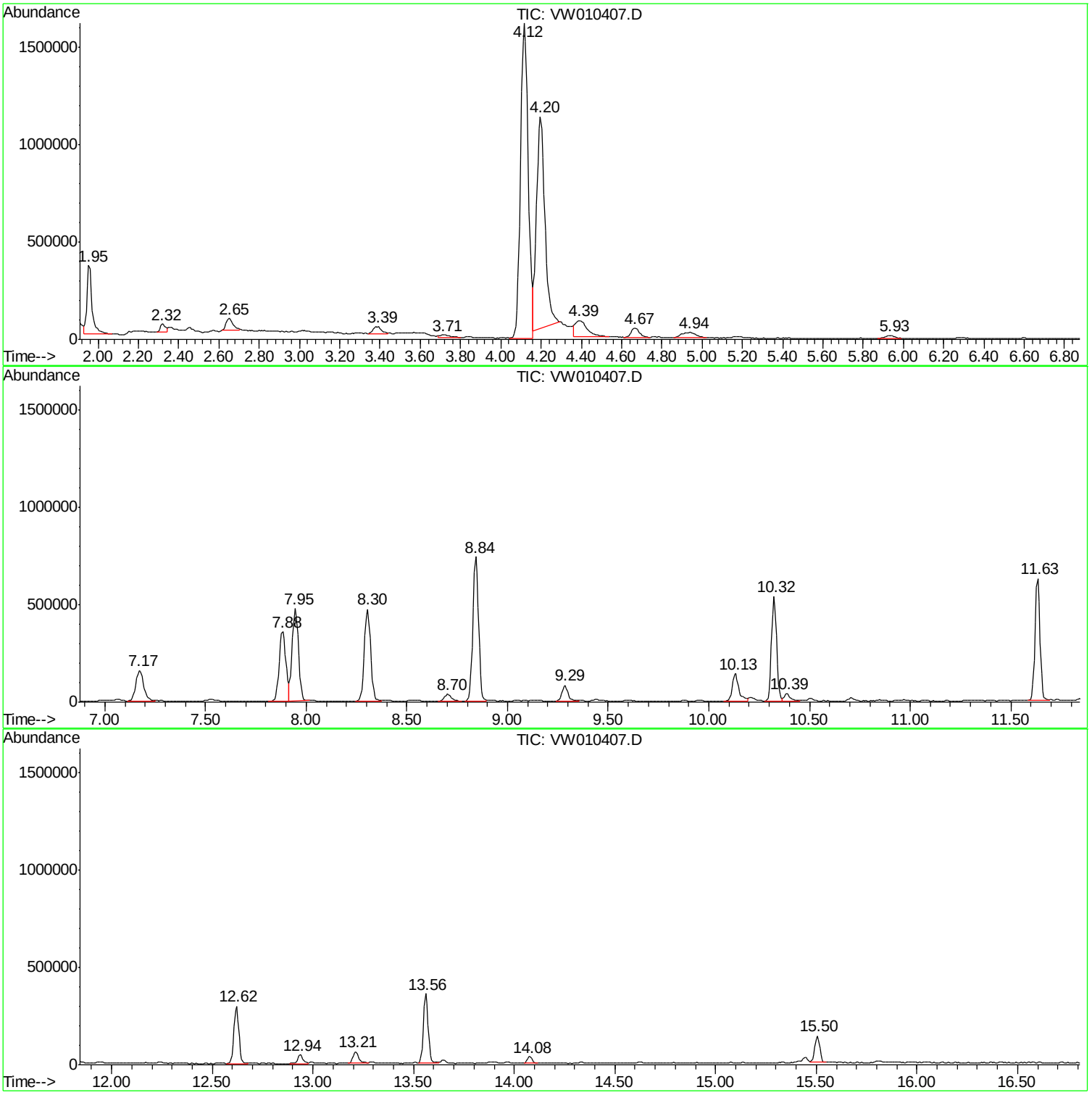
Instrument :
MSVOA_W
ClientSampleId :
P026-SS008-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

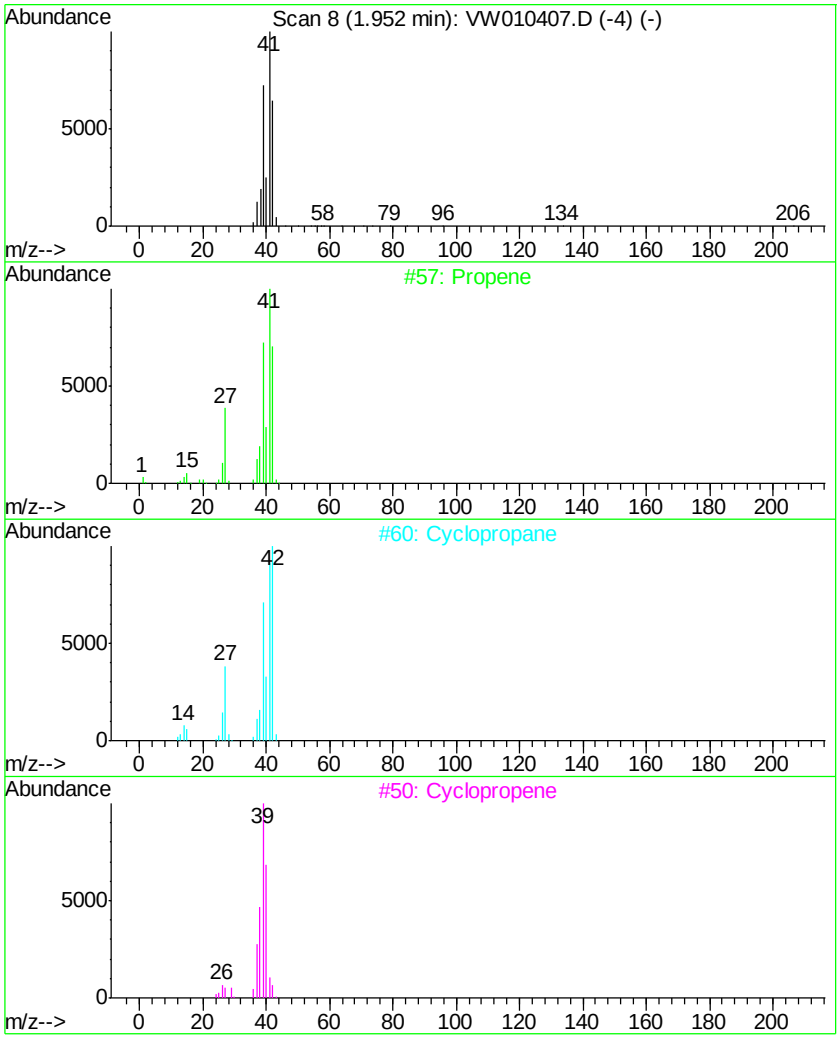
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

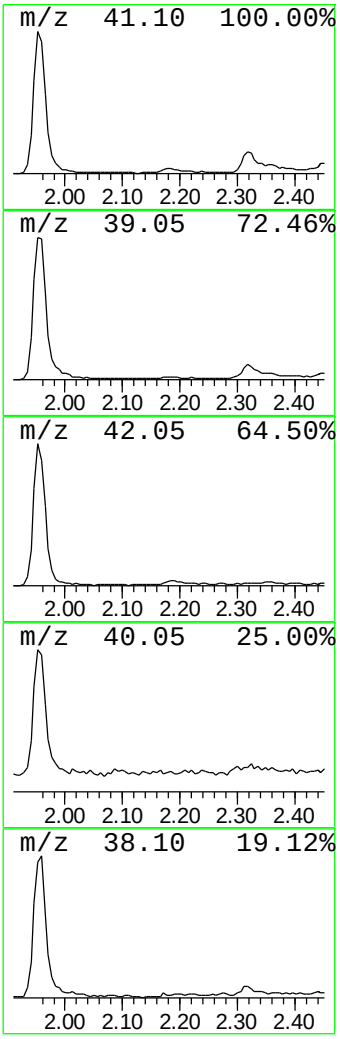
****

Peak Number 1 Propene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	30.69 ug/l	629624	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	47
3	Cyclopropene	40	C3H4	002781-85-3	37
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	Acetonitrile	41	C2H3N	000075-05-8	3





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ClientSampleId : P026-SS008-0002-01

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Quant Title : SW846 8260

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

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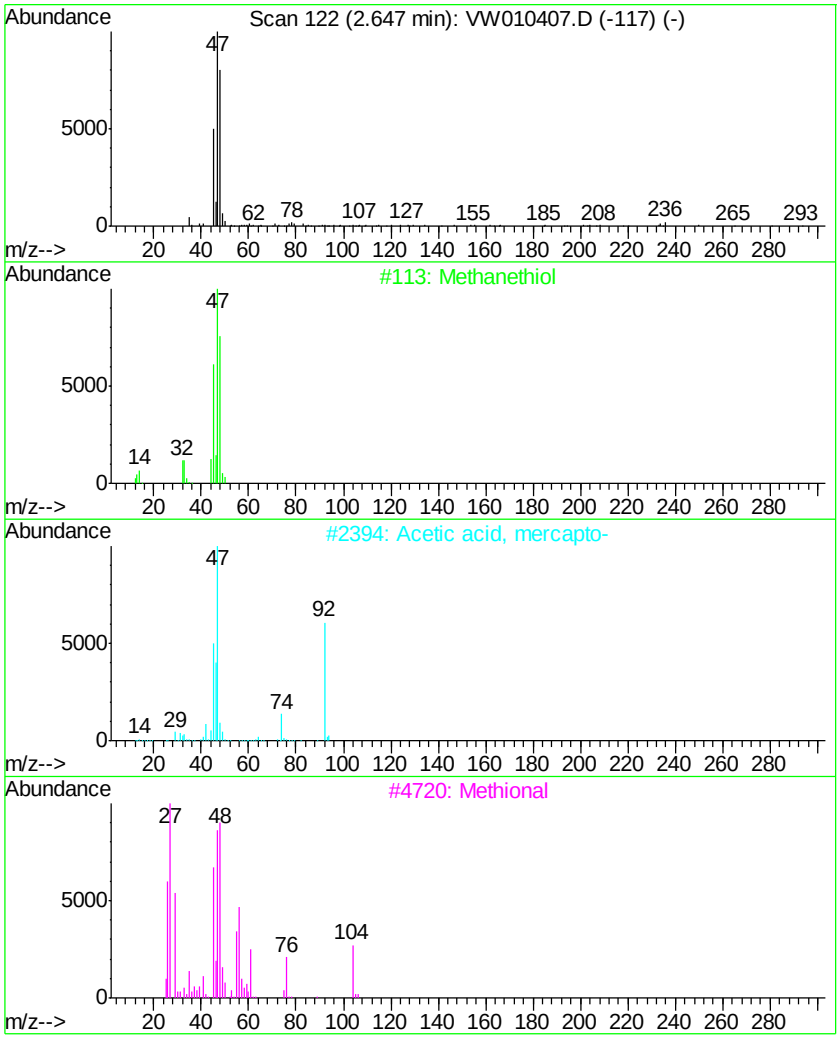
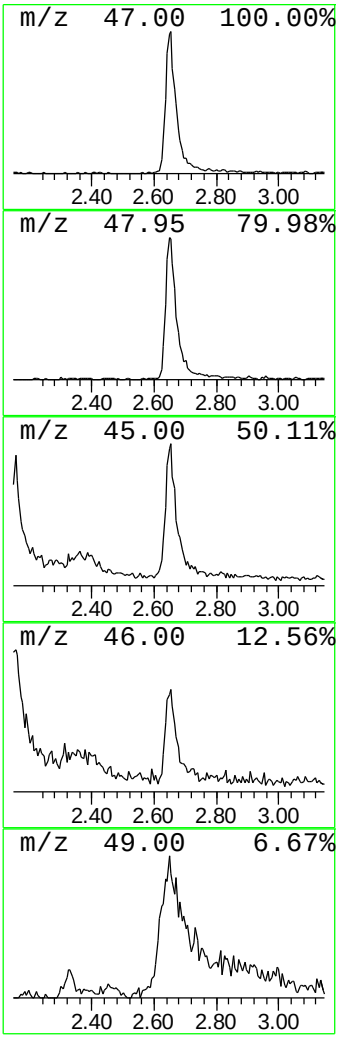
Peak Number 2 Methanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.65	7.24 ug/l	148611	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	86
2	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9
3	Methional	104	C4H8OS	003268-49-3	9
4	2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	5
5	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4





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ClientSampleId : P026-SS008-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
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TIC Library : C:\DATABASE\NIST11.L
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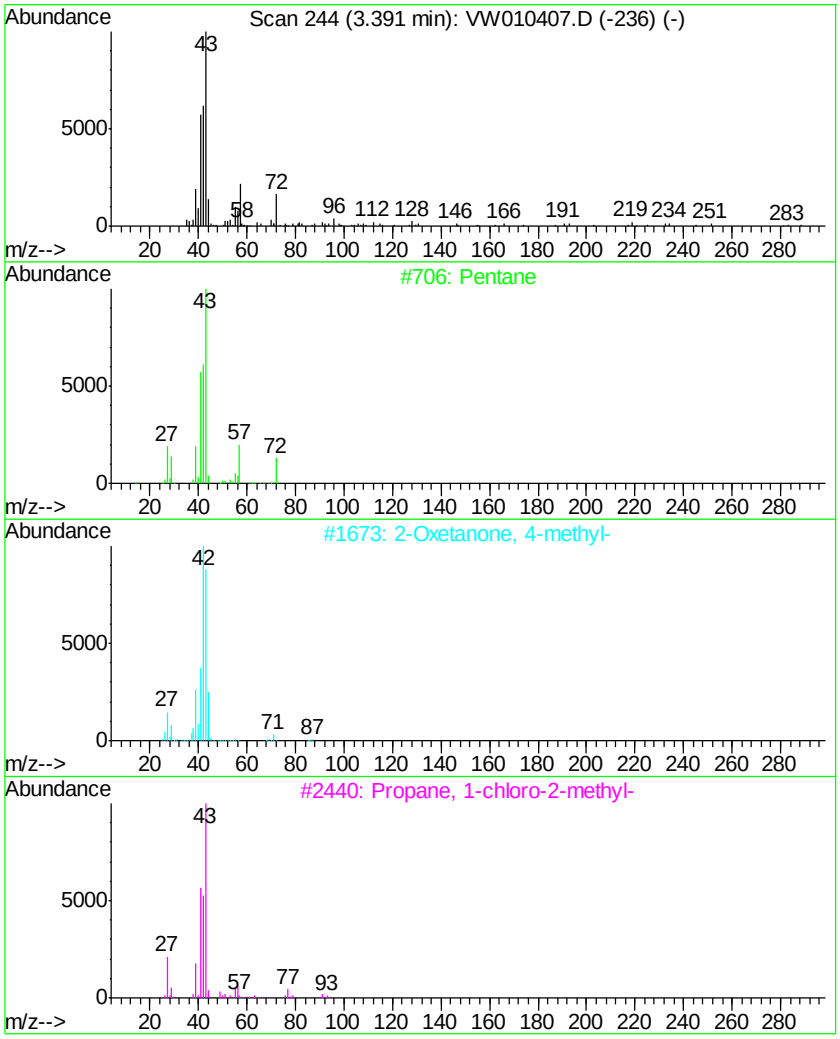
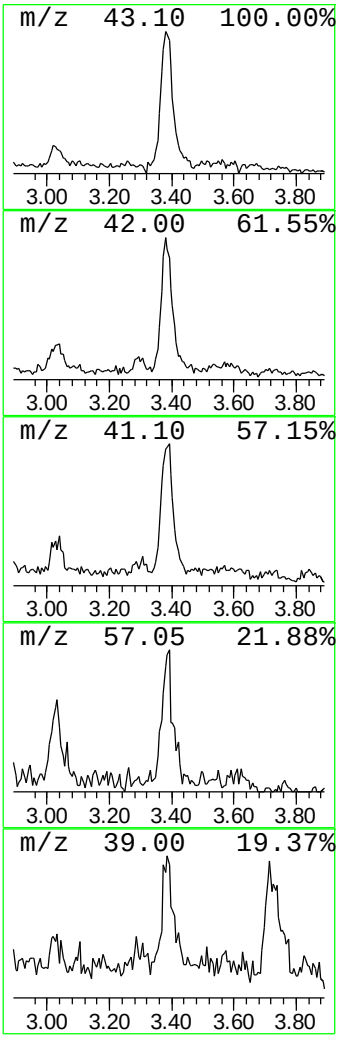
Peak Number 3 Pentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	5.26 ug/l	107955	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	38
3	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	33
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	23
5	2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	16





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P026-SS008-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260

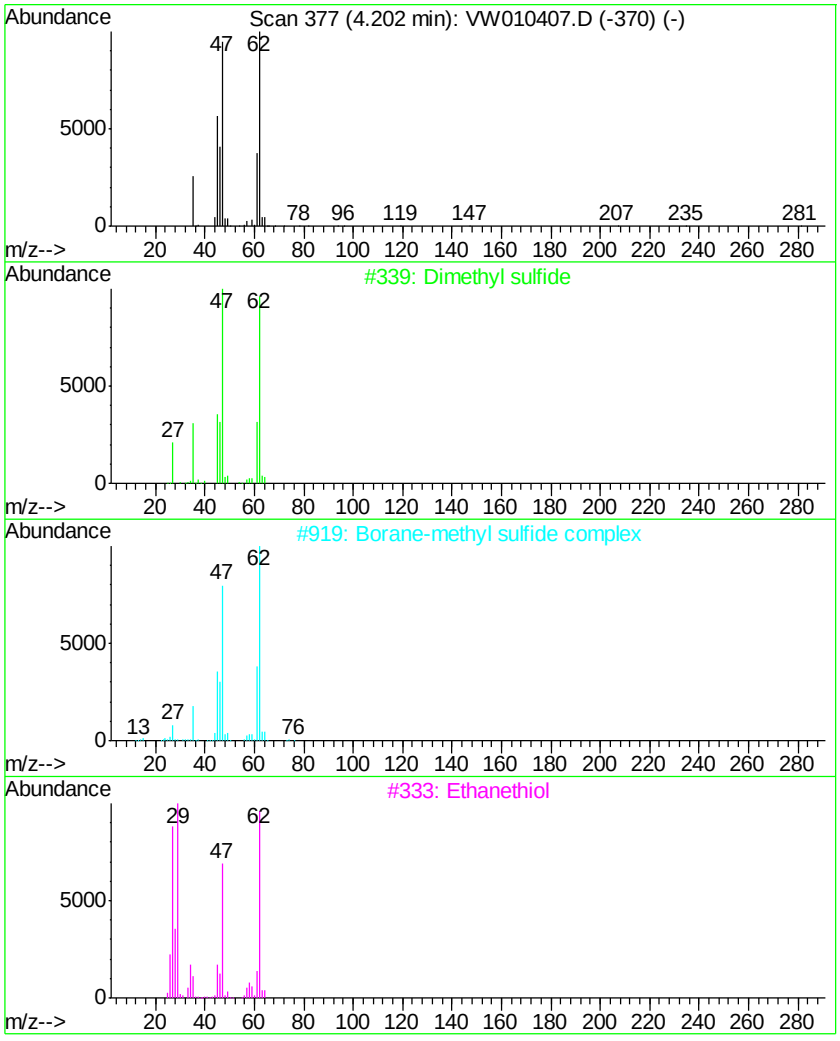
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

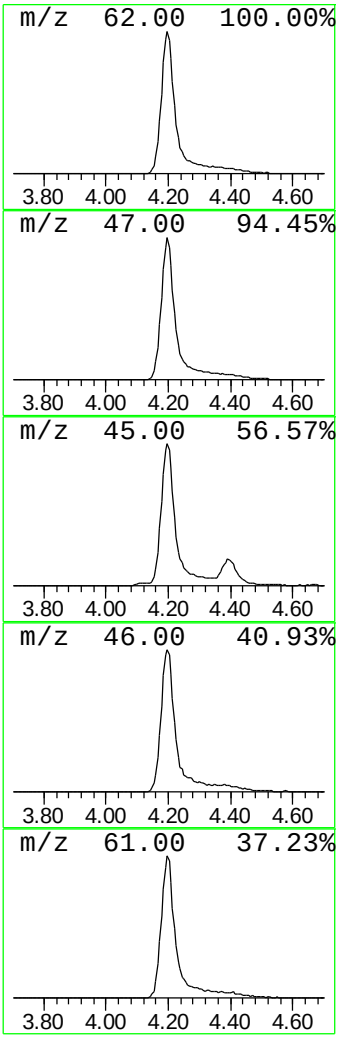
****

Peak Number 4 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	151.96 ug/l	3117210	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3	Ethanethiol	62	C2H6S	000075-08-1	59
4	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5	Propane, 2-fluoro-	62	C3H7F	000420-26-8	7





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ClientSampleId : P026-SS008-0002-01

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Quant Title : SW846 8260

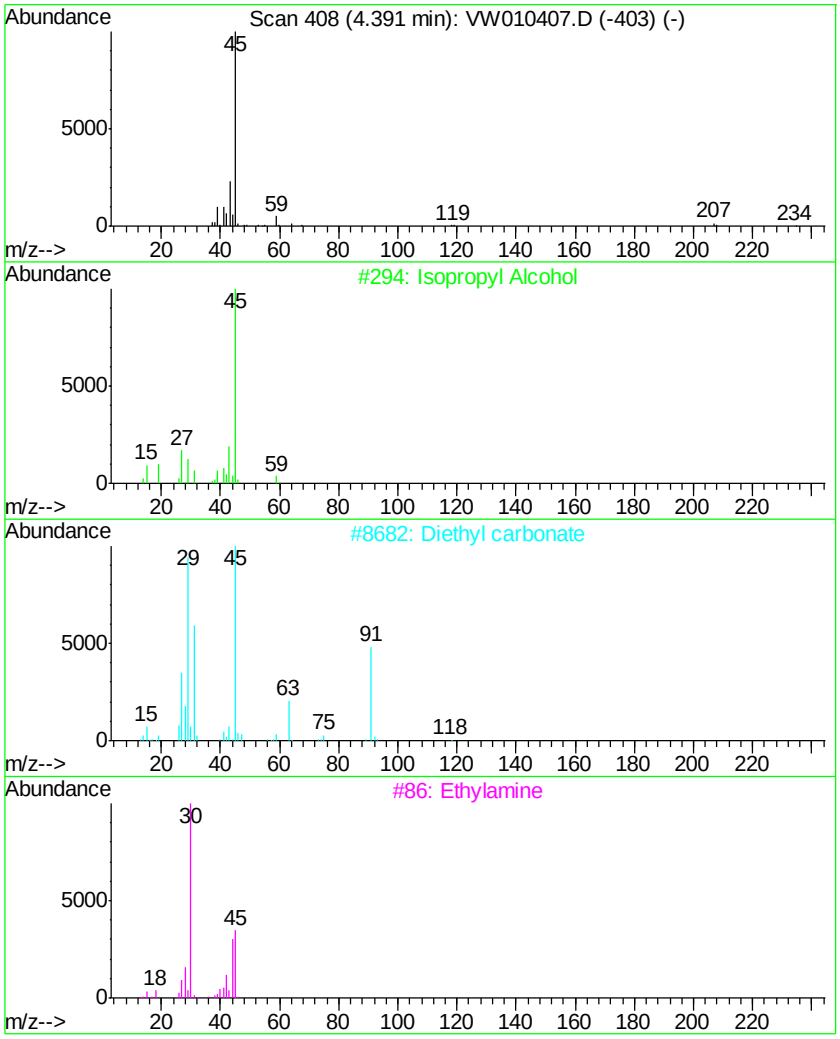
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

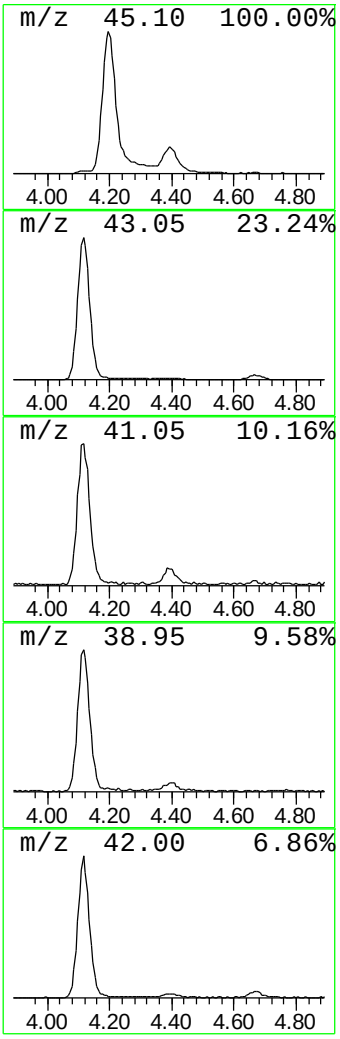
****

Peak Number 5 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	16.96 ug/l	347862	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Diethyl carbonate	118	C5H10O3	000105-58-8	4
3	Ethylamine	45	C2H7N	000075-04-7	4
4	Ethanol, 2-nitro-	91	C2H5NO3	000625-48-9	4
5	4-Penten-2-ol	86	C5H10O	000625-31-0	4





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Misc : 3.65G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P026-SS008-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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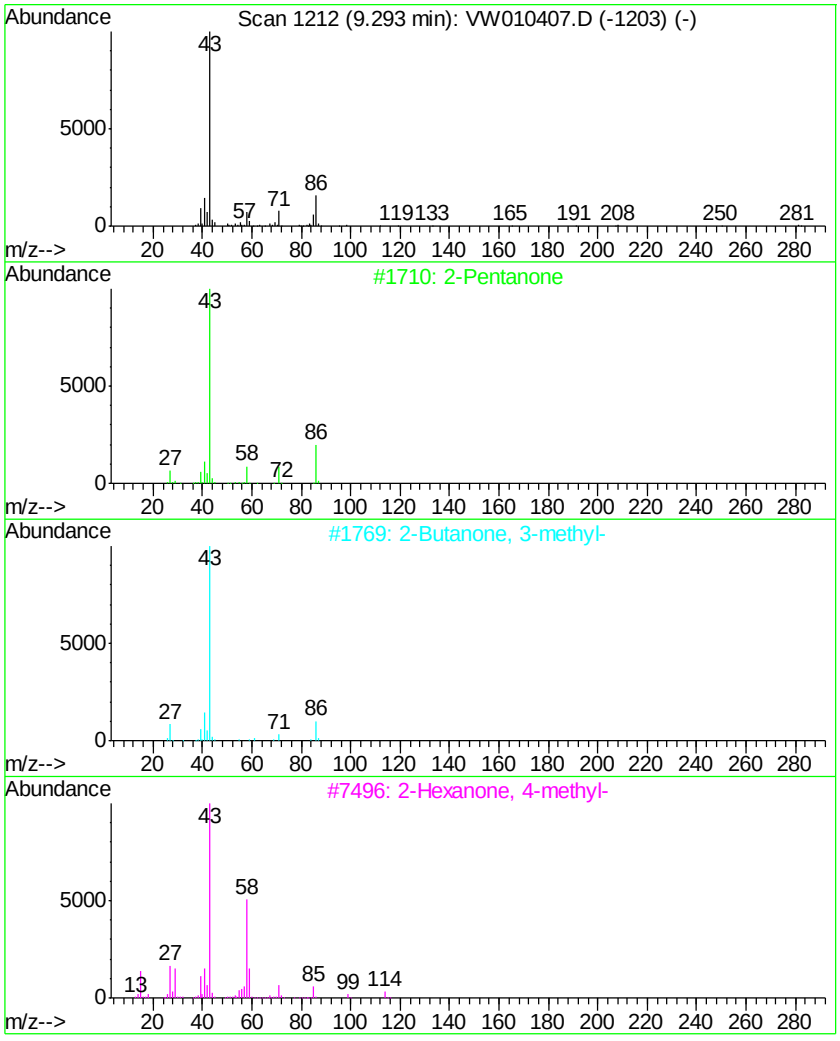
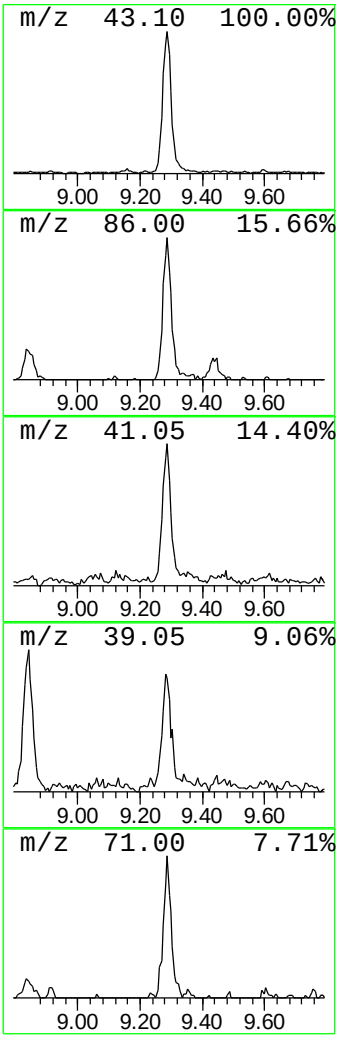
****

Peak Number 6 2-Pentanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.79 ug/l	169536	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	64
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	50
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	33
4	2-Hexanone	100	C6H12O	000591-78-6	33
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	32





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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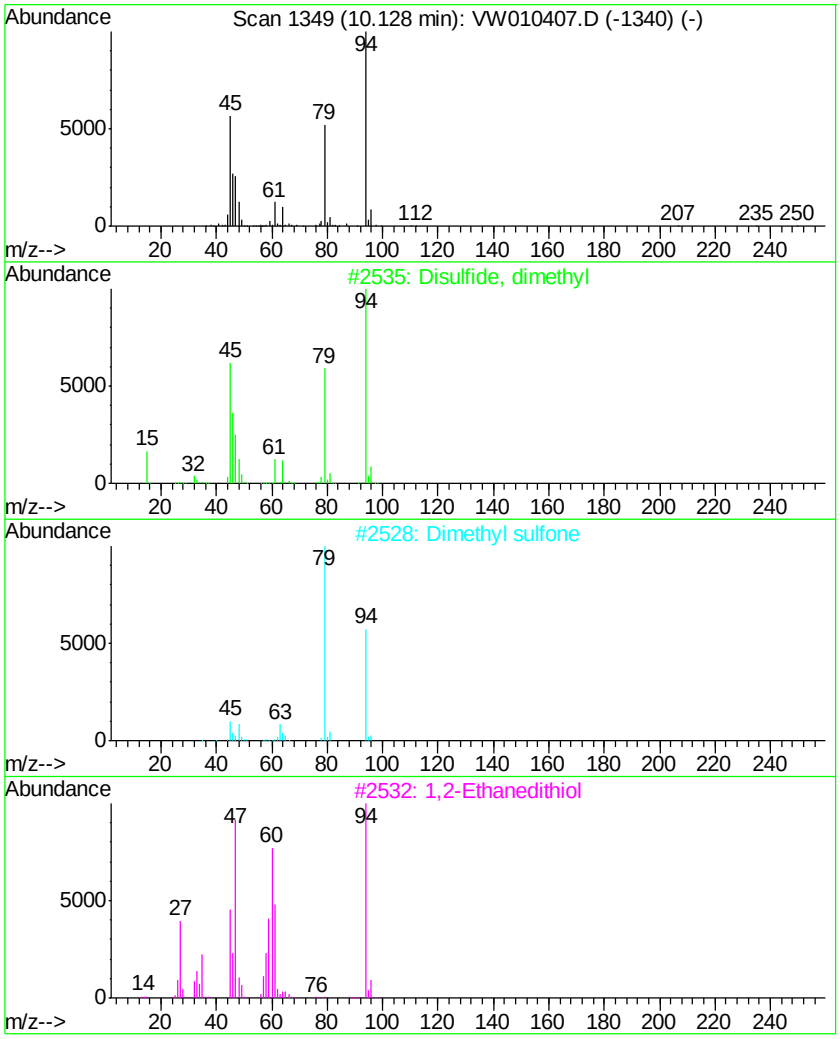
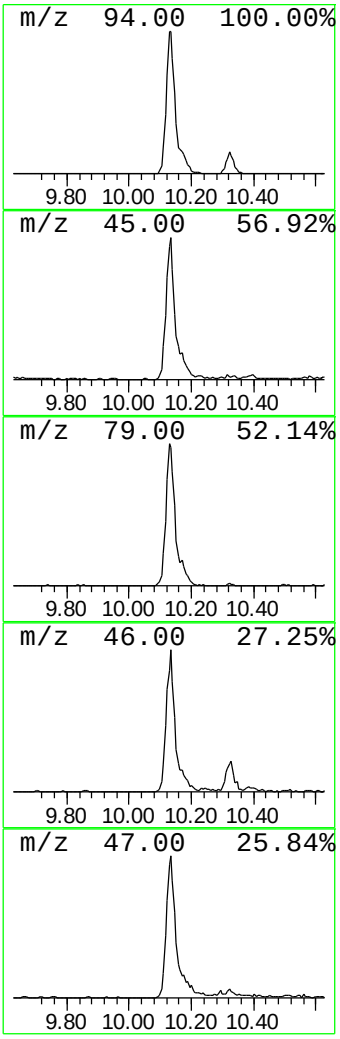
Peak Number 7 Disulfide, dimethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	10.95 ug/l	320772	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Dimethyl sulfone	94	C2H6O2S	000067-71-0	64
3	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	43
4	S-(2,2,2-Trifluoroethyl) methane...	194	C3H5F3O2S2	069466-44-0	38
5	Acetic acid, 2,2'-dithiobis-	182	C4H6O4S2	000505-73-7	17





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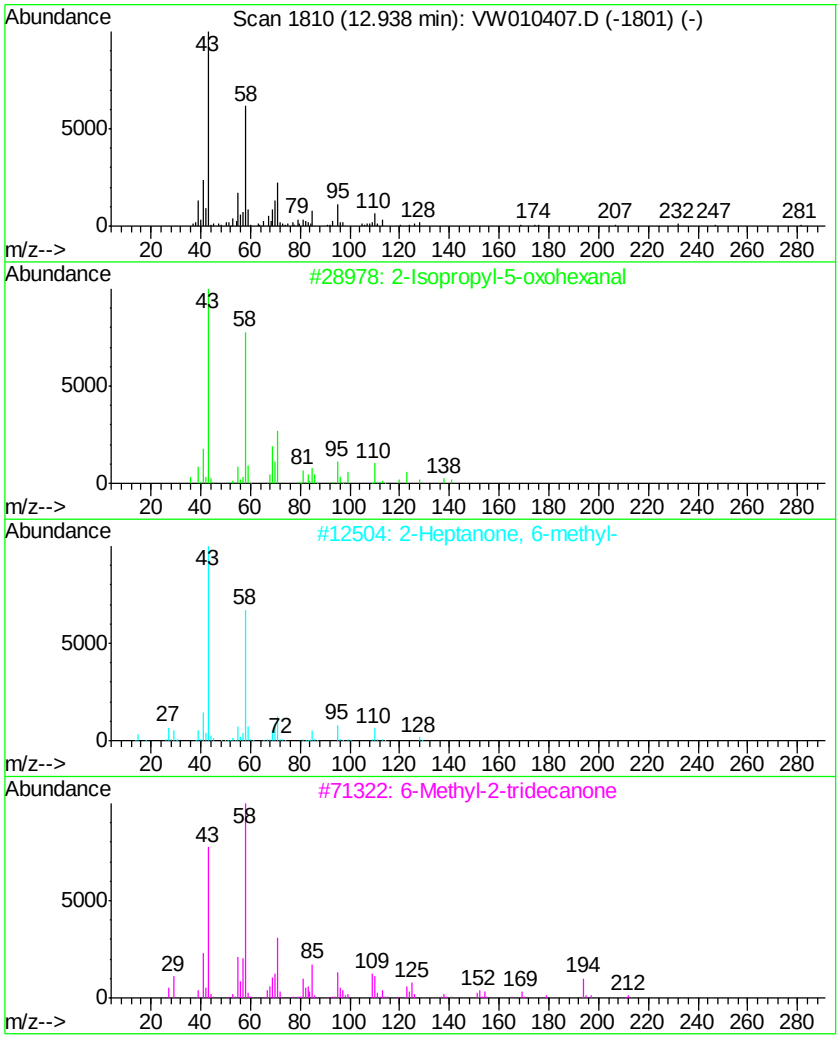
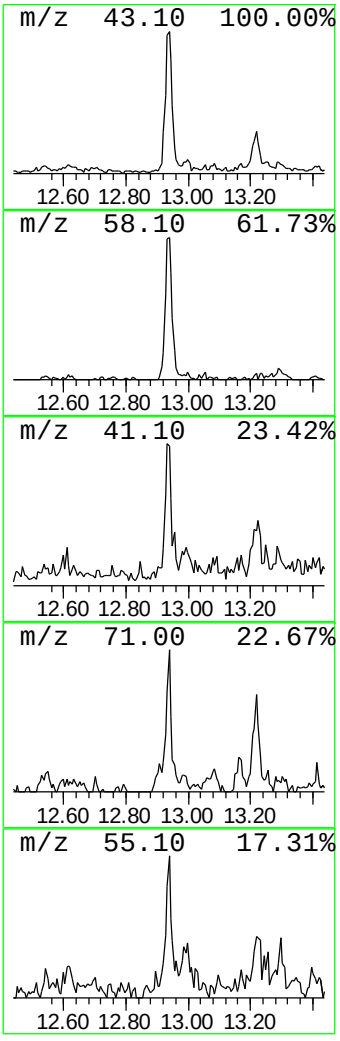
Peak Number 8 2-Isopropyl-5-oxohexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.14 ug/l	82176	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	78
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	72
3	6-Methyl-2-tridecanone	212	C14H28O	073105-73-4	50
4	Undecanal, 2-methyl-	184	C12H24O	000110-41-8	45
5	2-Heptanone, 5-methyl-	128	C8H16O	018217-12-4	43





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Quant Title : SW846 8260

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

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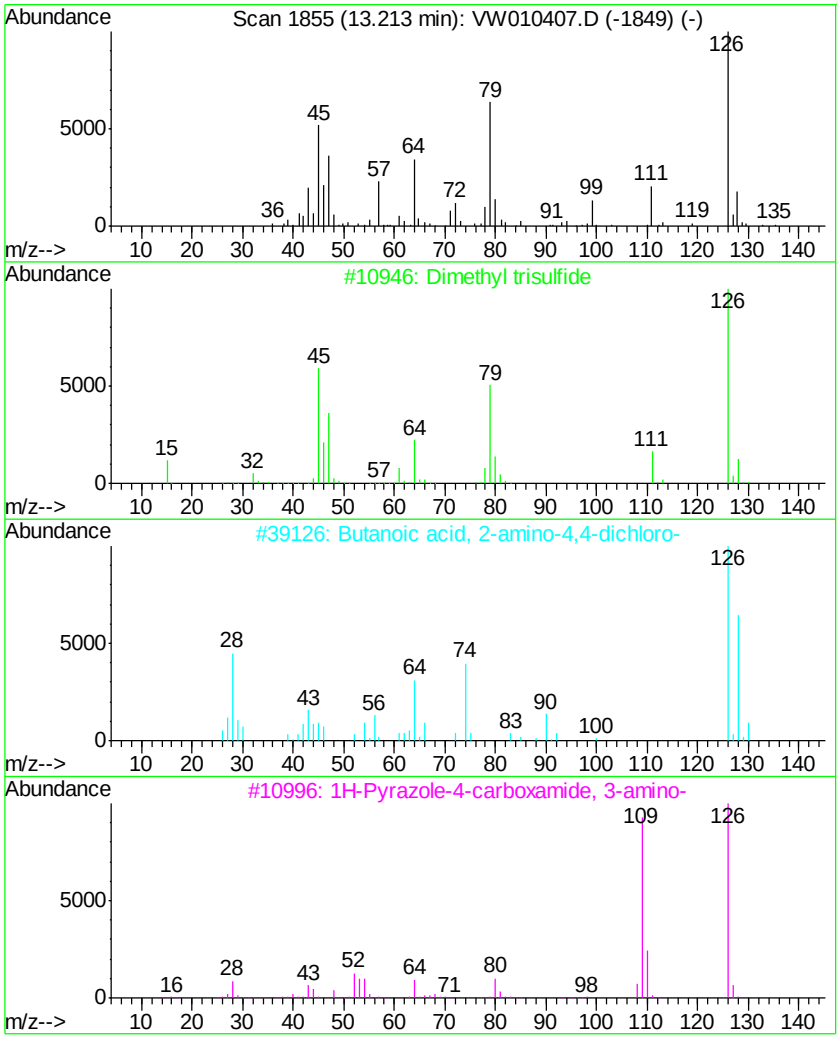
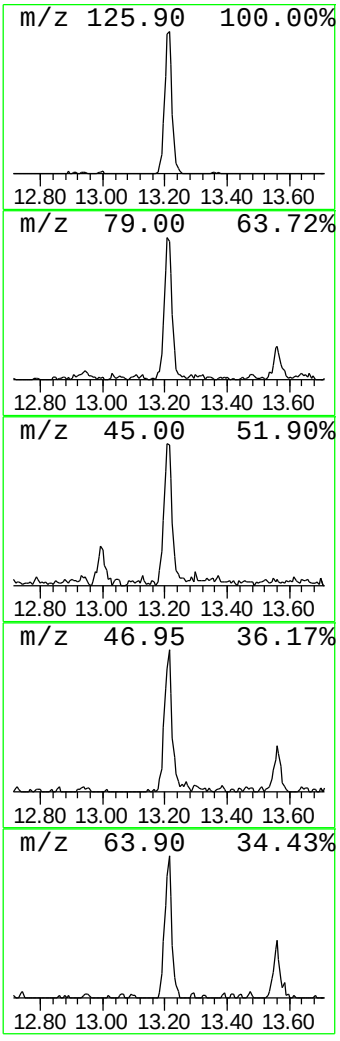
Peak Number 9 Dimethyl trisulfide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	9.46 ug/l	108912	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl trisulfide	126	C2H6S3	003658-80-8	90
2	Butanoic acid, 2-amino-4,4-dichl...	171	C4H7Cl2NO2	010139-20-5	32
3	1H-Pyrazole-4-carboxamide, 3-amino-	126	C4H6N4O	005334-31-6	22
4	1,3,5-Benzenetriol	126	C6H6O3	000108-73-6	14
5	Methyl 2-hydroxyethyl sulfoxide	108	C3H8O2S	021281-74-3	14





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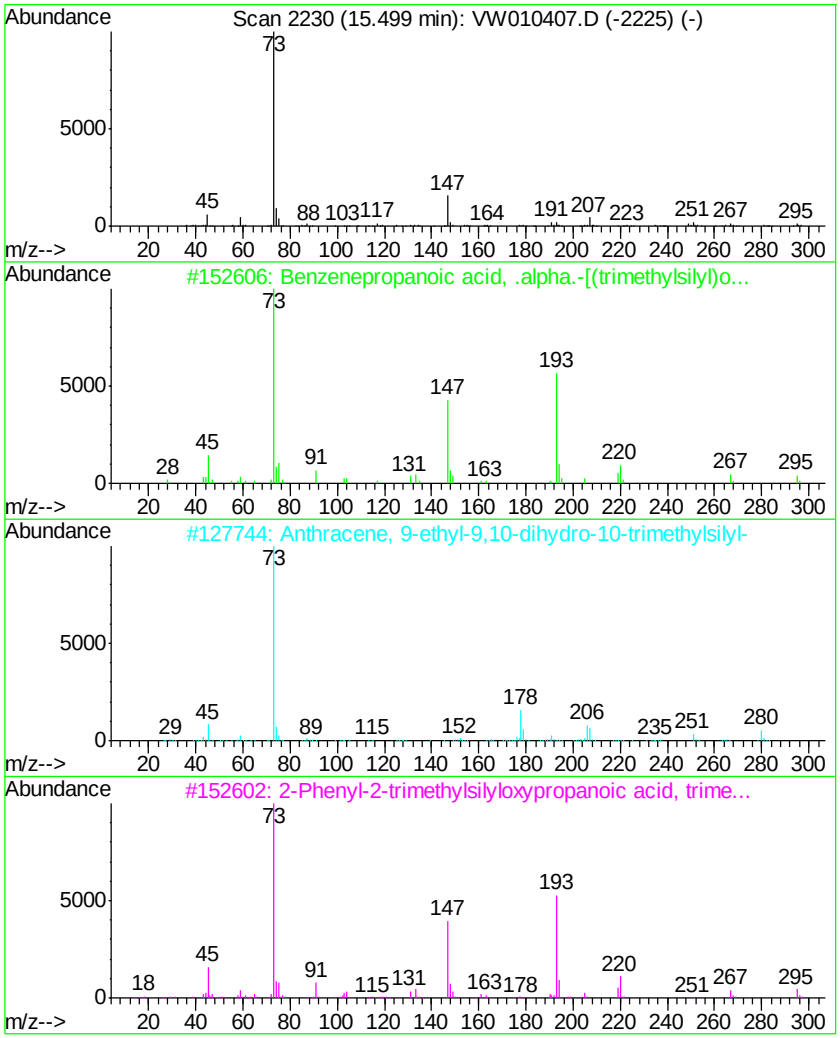
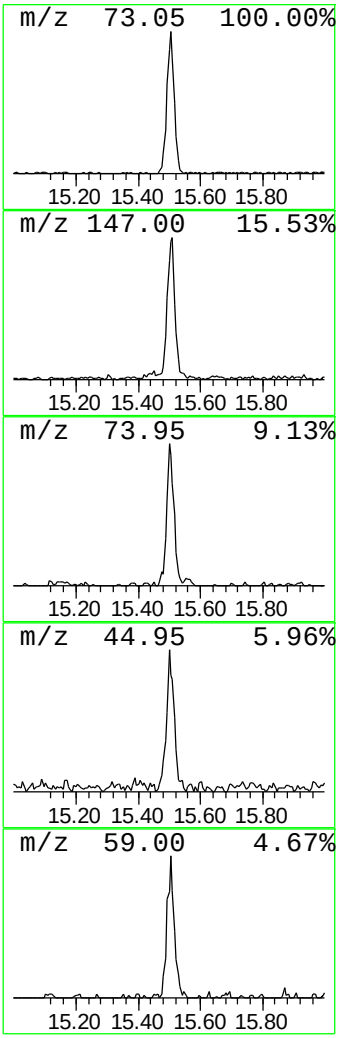
Peak Number 10 unknown15.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	20.07 ug/l	231110	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	38
2	Anthracene, 9-ethyl-9,10-dihydro...	280	C19H24Si	344870-13-9	37
3	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	28
4	Inosose, 2-desoxy-, O-methyloxim...	479	C19H45NO5Si4	1000149-50-8	28
5	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051219\
Data File : VW010407.D
Acq On : 12 May 2019 14:42
Operator : SY/VA
Sample : K2718-21
Misc : 3.65G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P026-SS008-0002-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.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	1.95	30.7	ug/l	629624	1	7.95	1025690	50.0
Methanethiol	2.65	7.2	ug/l	148611	1	7.95	1025690	50.0
Pentane	3.39	5.3	ug/l	107955	1	7.95	1025690	50.0
Dimethyl sulfide	4.20	152.0	ug/l	3117210	1	7.95	1025690	50.0
Isopropyl Alcohol	4.39	17.0	ug/l	347862	1	7.95	1025690	50.0
2-Pentanone	9.29	5.8	ug/l	169536	2	8.84	1464460	50.0
Disulfide, dimethyl	10.13	10.9	ug/l	320772	2	8.84	1464460	50.0
2-Isopropyl-5-oxo...	12.94	7.1	ug/l	82176	4	13.56	575695	50.0
Dimethyl trisulfide	13.21	9.5	ug/l	108912	4	13.56	575695	50.0
unknown15.50	15.50	20.1	ug/l	231110	4	13.56	575695	50.0