LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
Data File : VW007225.D
Acq On : 05 Dec 2018 09:32
Operator : SY/AP
Sample : J6208-19
Misc : 5.3G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

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\82W120418S.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	1.953	4	8	19	rVB2	90058	123732	32.10%	5.153%
2	2.093	26	31	36	rBV	11785	15663	4.06%	0.652%
3	2.148	36	40	42	rVV	5567	7940	2.06%	0.331%
4	2.172	42	44	50	rVB	7108	8861	2.30%	0.369%
5	2.325	61	69	79	rBV2	35562	70966	18.41%	2.956%
6	2.404	79	82	86	rVV2	3006	4784	1.24%	0.199%
7	2.568	103	109	116	rBV6	3494	8370	2.17%	0.349%
8	2.867	151	158	165	rVB2	2970	5909	1.53%	0.246%
9	3.026	178	184	193	rVB2	3042	6257	1.62%	0.261%
10	3.306	222	230	237	rBV2	9898	21417	5.56%	0.892%
11	3.416	237	248	259	rVB4	10487	33536	8.70%	1.397%
12	3.751	296	303	312	rVB4	3358	9510	2.47%	0.396%
13	4.141	356	367	376	rBV6	2249	7762	2.01%	0.323%
14	4.507	420	427	439	rVB2	9614	27929	7.25%	1.163%
15	4.769	460	470	471	rBV4	2501	5240	1.36%	0.218%
16	4.922	484	495	508	rBV	16955	55824	14.48%	2.325%
17	5.781	621	636	646	rBV6	4154	16596	4.31%	0.691%
18	5.940	654	662	671	rBV3	2341	7005	1.82%	0.292%
19	7.549	917	926	936	rBV4	3431	9013	2.34%	0.375%
20	7.714	947	953	963	rVB5	2855	7154	1.86%	0.298%
21	7.891	973	982	986	rBV	48163	111860	29.02%	4.659%
22	7.952	986	992	1005	rVB	123440	276264	71.68%	11.506%
23	8.311	1041	1051	1061	rBV	54378	128096	33.24%	5.335%
24	8.592	1090	1097	1104	rVB6	2510	6260	1.62%	0.261%
25	8.848	1130	1139	1148	rBV	163015	328285	85.18%	13.673%
26	10.323	1373	1381	1388	rBV	212425	385413	100.00%	16.053%
27	10.390	1388	1392	1398	rVB	5977	11395	2.96%	0.475%
28	10.732	1439	1448	1463	rVB3	14146	59358	15.40%	2.472%
29	10.866	1465	1470	1476	rVB3	2717	5086	1.32%	0.212%
30	11.634	1587	1596	1607	rBB	175385	293755	76.22%	12.235%
31	11.841	1624	1630	1635	rBV4	2657	4630	1.20%	0.193%
32	12.170	1675	1684	1691	rBV5	1623	4071	1.06%	0.170%
33	12.475	1728	1734	1738	rBV3	3254	4827	1.25%	0.201%
34	12.622	1752	1758	1764	rBV2	101682	166933	43.31%	6.953%

LSC Area Percent Report

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ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

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\82W120418S.M
Title : SW846 8260

35	13.560	1906	1912	1922	rBV	87070	142517	36.98%	5.936%
36	14.079	1991	1997	2003	rVB	3434	5584	1.45%	0.233%
37	14.731	2100	2104	2111	rVB3	3152	4669	1.21%	0.194%
38	16.682	2415	2424	2431	rBV6	3969	8469	2.20%	0.353%

Sum of corrected areas: 2400940

LSC Report - Integrated Chromatogram

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Operator : SY/AP
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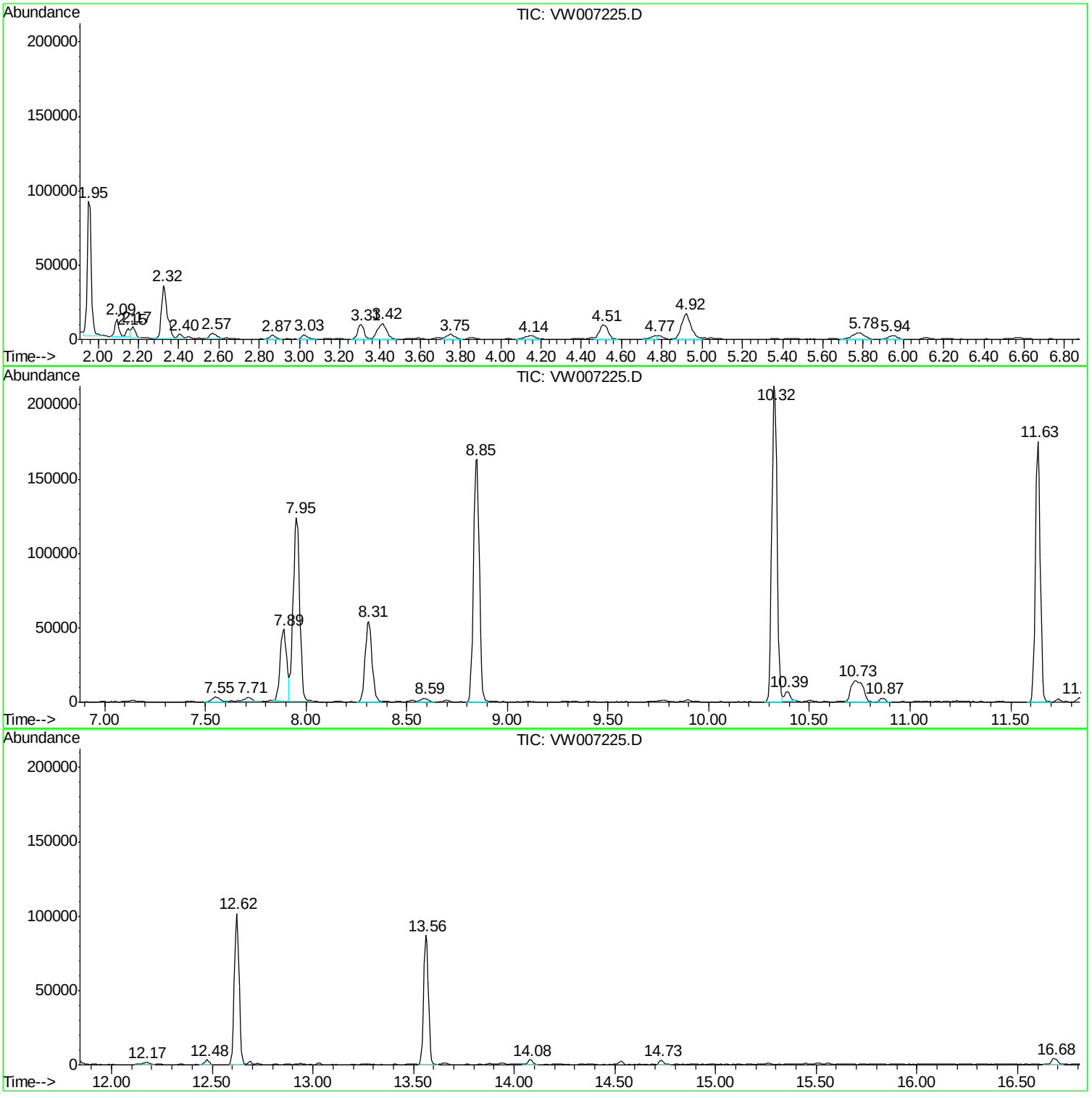
Misc : 5.3G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.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\VW120418\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

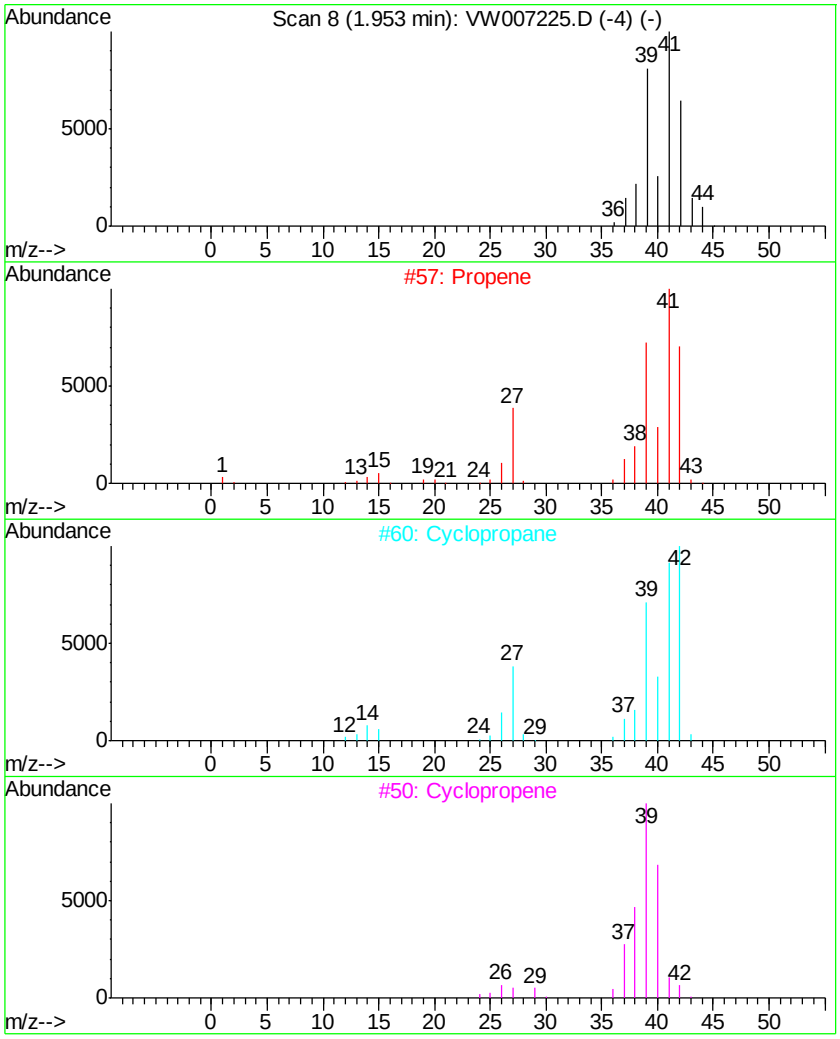
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

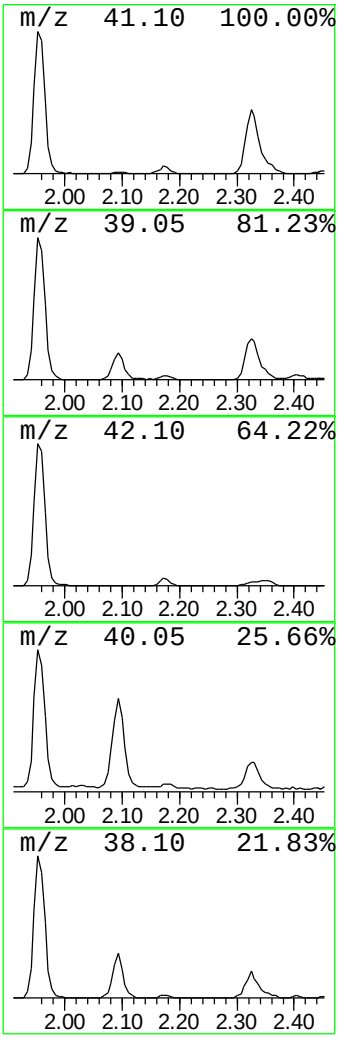
****

Peak Number 1 Propene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	22.39 ug/l	123732	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	9
3	Cyclopropene	40	C3H4	002781-85-3	9
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	4-Amino-1-butanol	89	C4H11NO	013325-10-5	2





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ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

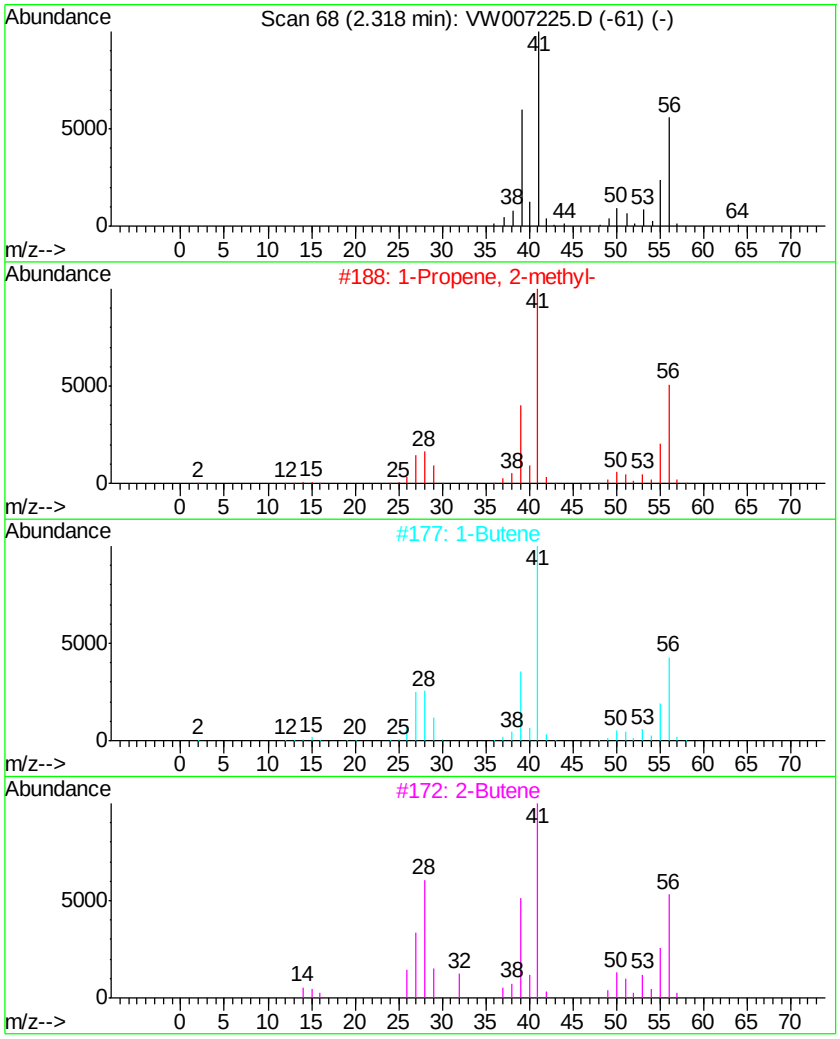
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

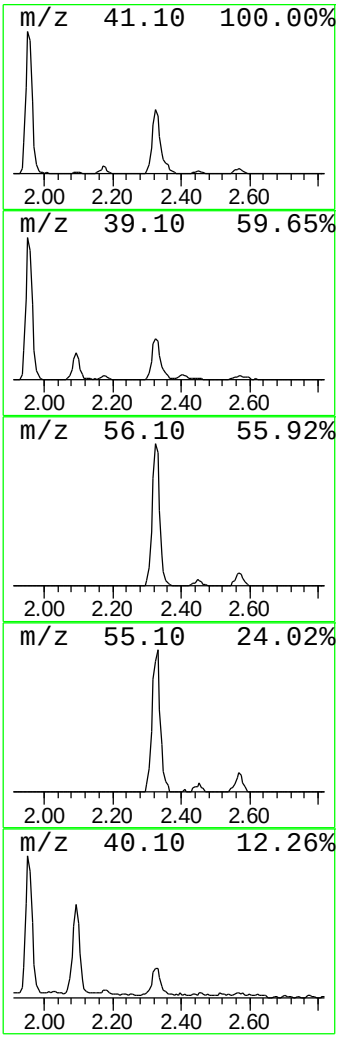
****

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.84 ug/l	70966	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	87
3	2-Butene	56	C4H8	000107-01-7	83
4	Cyclobutane	56	C4H8	000287-23-0	49
5	2-Butene, (E)-	56	C4H8	000624-64-6	46





Library Search Compound Report

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Sample : J6208-19
Misc : 5.3G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

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

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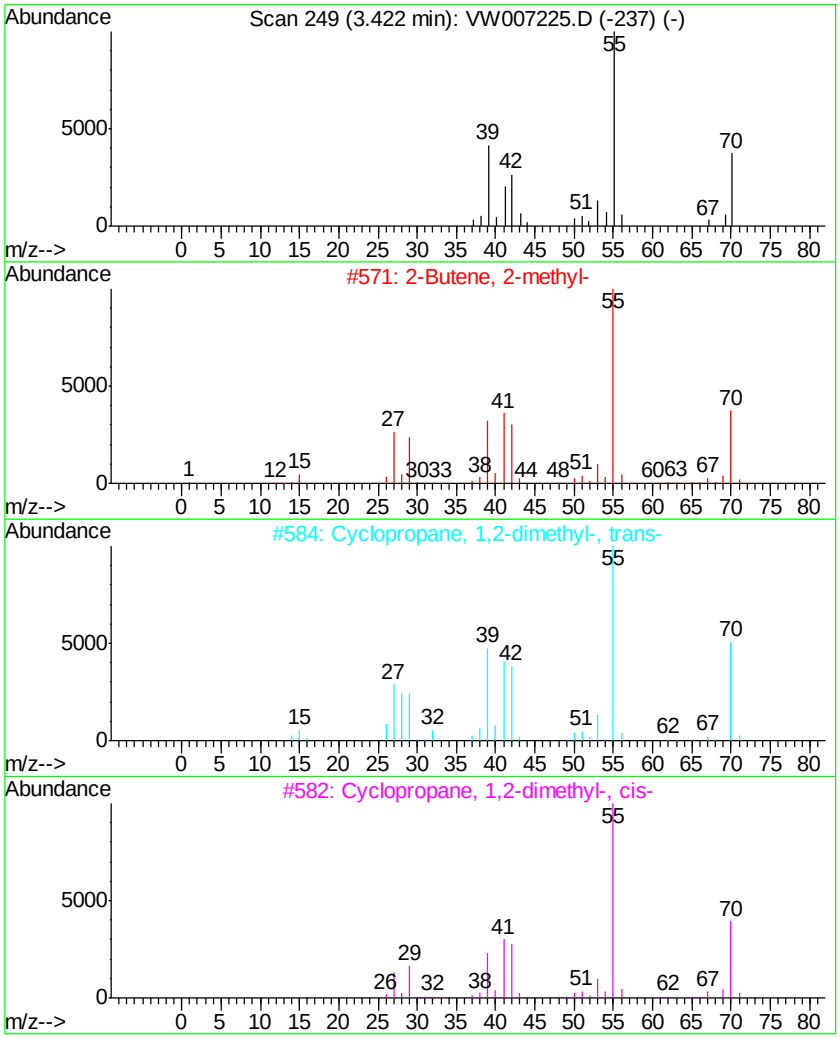
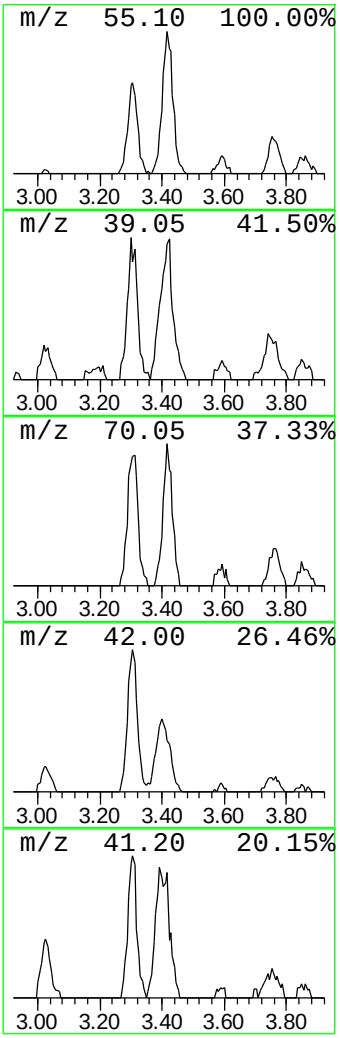
Peak Number 3 2-Butene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	6.07 ug/l	33536	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	81
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	80
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	80
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	72





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ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260

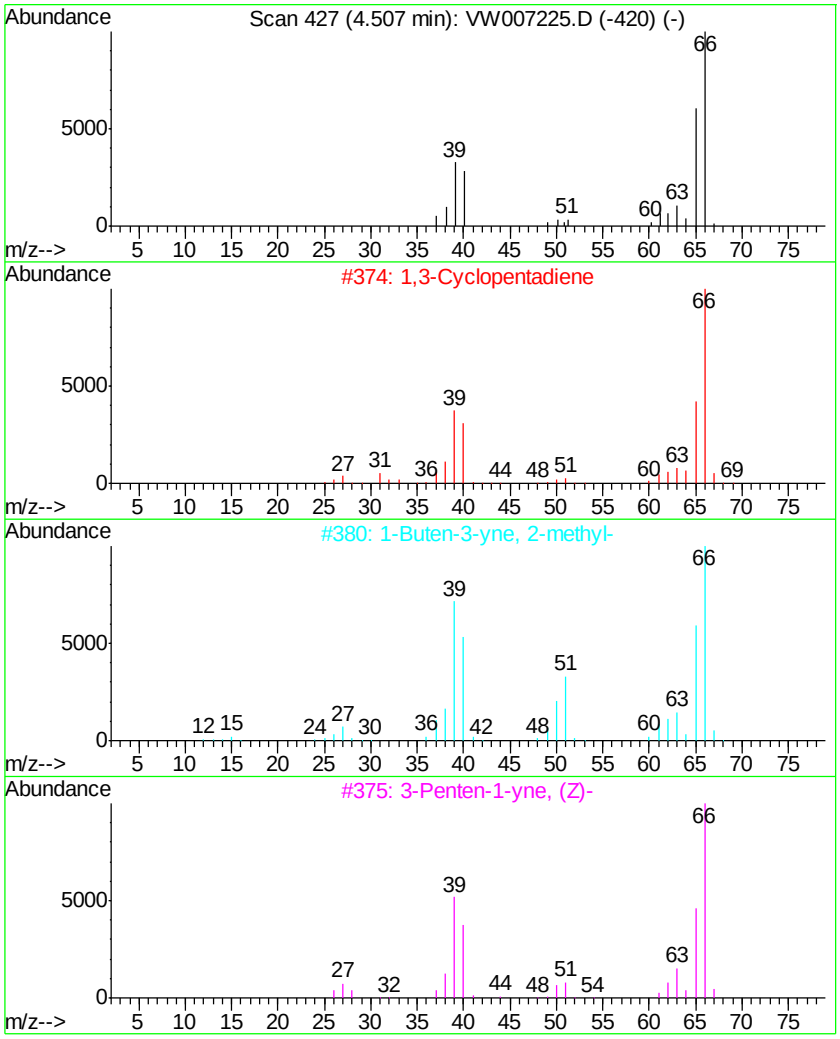
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

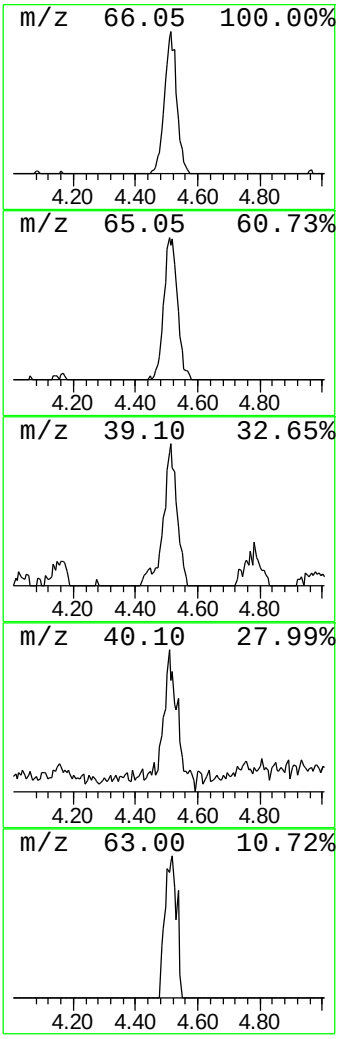
****

Peak Number 4 1,3-Cyclopentadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	5.05 ug/l	27929	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	91
3	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	83
4	Cyclopropylacetylene	66	C5H6	006746-94-7	74
5	1-Penten-3-yne	66	C5H6	000646-05-9	58





Tentatively Identified Compound (LSC) summary

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ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : TP-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.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	22.4	ug/l	123732	1	7.95	276264	50.0
1-Propene, 2-methyl-	2.32	12.8	ug/l	70966	1	7.95	276264	50.0
2-Butene, 2-methyl-	3.42	6.1	ug/l	33536	1	7.95	276264	50.0
1,3-Cyclopentadiene	4.51	5.0	ug/l	27929	1	7.95	276264	50.0