Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-1(11.5-12)

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_Y\methods\82Y062221S.M
Title : SW846 8260

Signal : TIC: VY005259.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	3	8	23	rVB	181989	266218	14.13%	3.329%
2	1.997	24	29	36	rVB	15883	23509	1.25%	0.294%
3	2.229	61	67	77	rBV2	79762	197060	10.46%	2.464%
4	2.394	90	94	100	rBV	16581	26537	1.41%	0.332%
5	2.467	100	106	116	rVB5	11539	27946	1.48%	0.349%
6	2.912	173	179	186	rBV	10559	21849	1.16%	0.273%
7	3.180	215	223	230	rBV	15938	35762	1.90%	0.447%
8	3.271	230	238	252	rVB5	19413	67030	3.56%	0.838%
9	3.607	284	293	304	rVB6	6646	19838	1.05%	0.248%
10	3.966	342	352	368	rVB	45759	136496	7.25%	1.707%
11	4.729	467	477	494	rBV3	18303	67421	3.58%	0.843%
12	5.600	606	620	631	rBV4	7353	29474	1.56%	0.369%
13	5.759	634	646	658	rBV	110442	340931	18.10%	4.263%
14	7.728	959	969	974	rBV	144172	336995	17.89%	4.214%
15	7.795	974	980	1003	rVB	242730	570627	30.29%	7.135%
16	8.149	1029	1038	1049	rVB	151412	333249	17.69%	4.167%
17	8.697	1119	1128	1141	rBV	377254	734960	39.01%	9.190%
18	10.185	1364	1372	1379	rBV	611178	1042821	55.35%	13.039%
19	11.496	1579	1587	1597	rBV	566411	906206	48.10%	11.331%
20	12.489	1740	1750	1759	rBV2	1053027	1883896	100.00%	23.556%
21	13.282	1871	1880	1885	rBV2	11369	22066	1.17%	0.276%
22	13.428	1895	1904	1910	rBV	546137	839853	44.58%	10.501%
23	13.483	1910	1913	1925	rVB2	12092	24287	1.29%	0.304%
24	13.965	1986	1992	2000	rVB2	25166	42558	2.26%	0.532%

Sum of corrected areas: 7997589

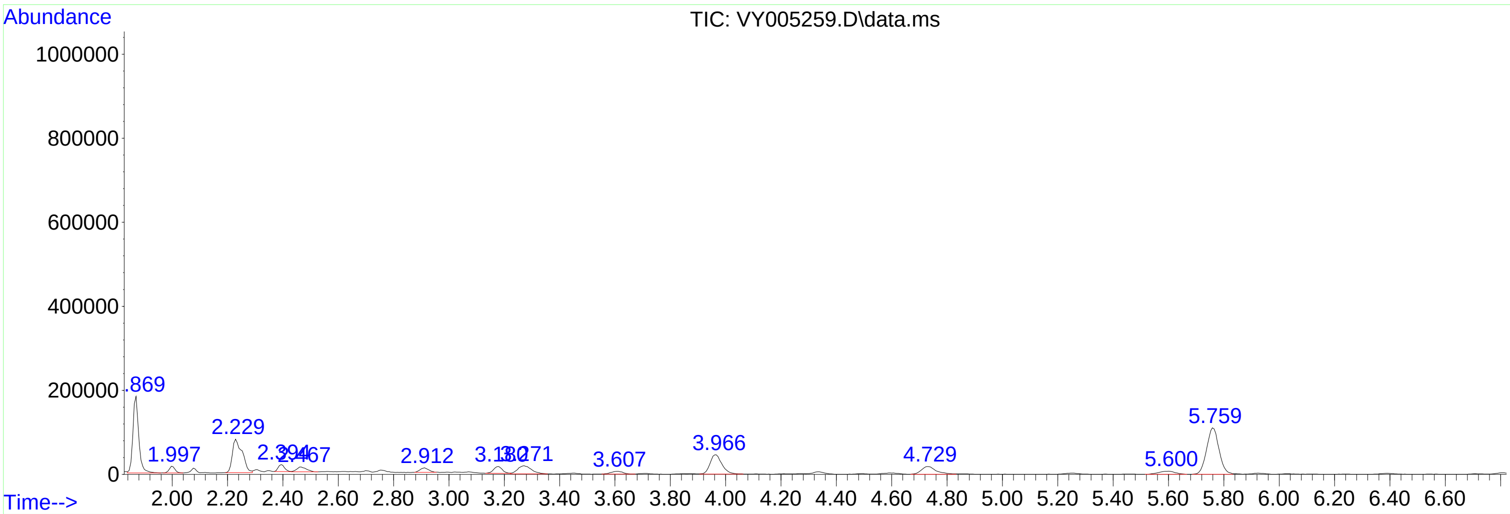
LSC Report - Integrated Chromatogram

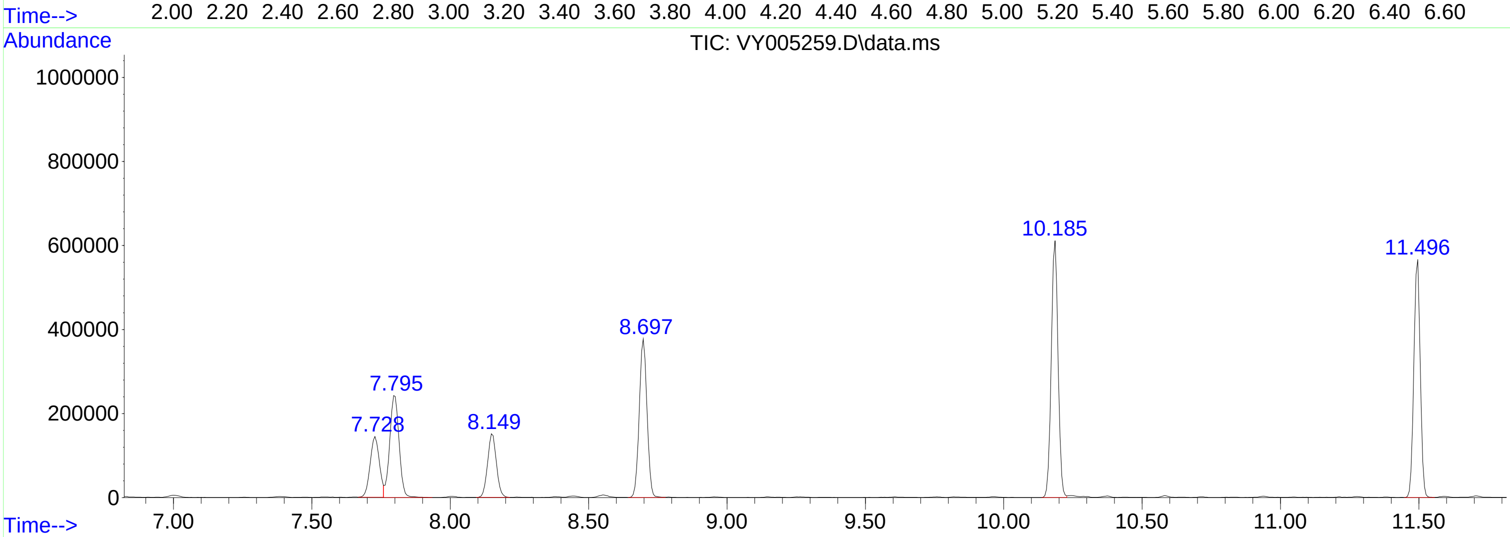
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

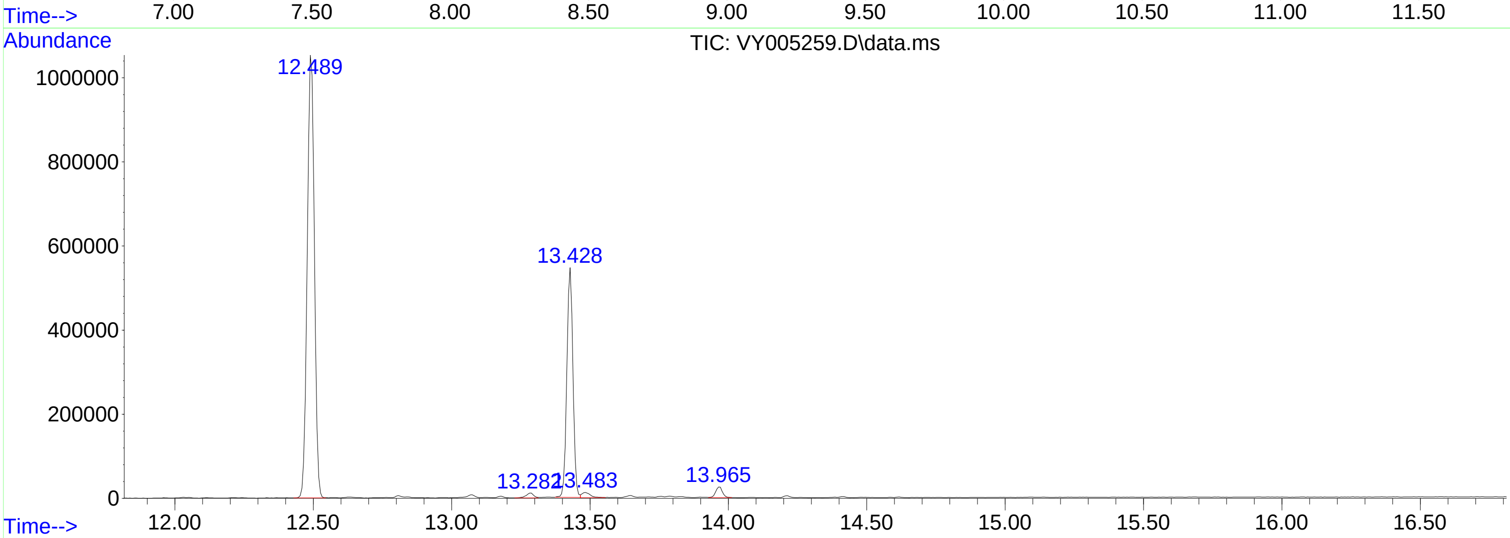
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

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

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

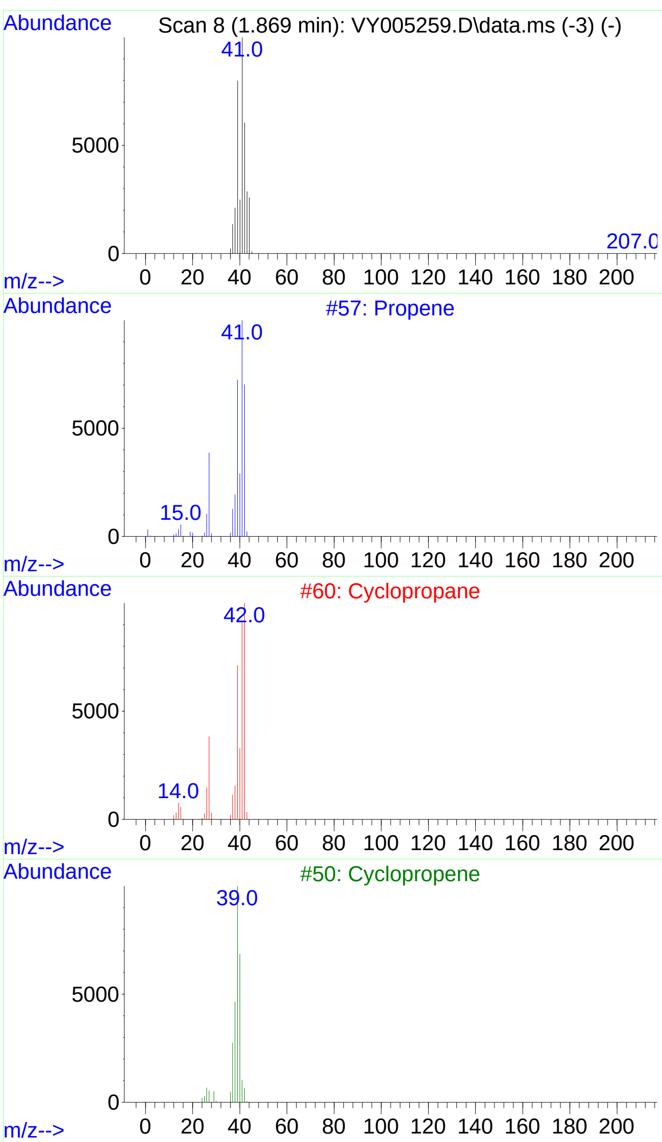
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

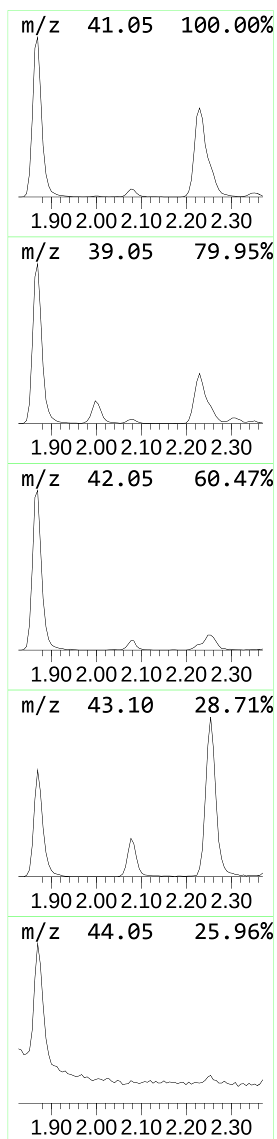
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.869	23.33 ug/l	266218	Pentafluorobenzene	7.801

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-1(11.5-12)

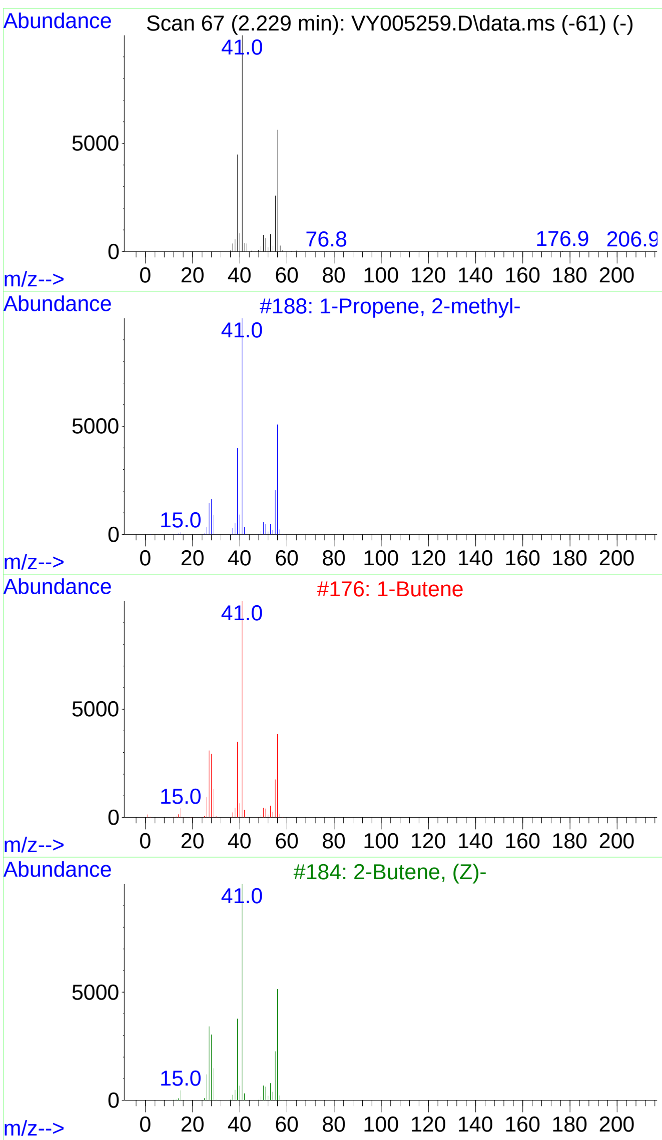
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

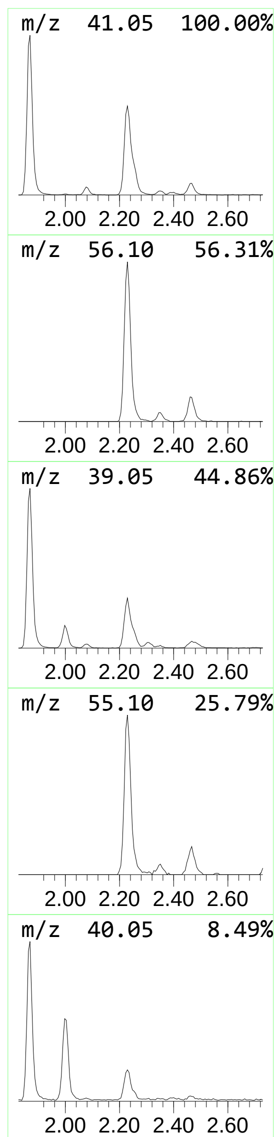
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.229	17.27 ug/l	197060	Pentafluorobenzene	7.801

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, (Z)-	56	C4H8	000590-18-1	80
4	2-Butene, (E)-	56	C4H8	000624-64-6	80
5	2-Butene	56	C4H8	000107-01-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-1(11.5-12)

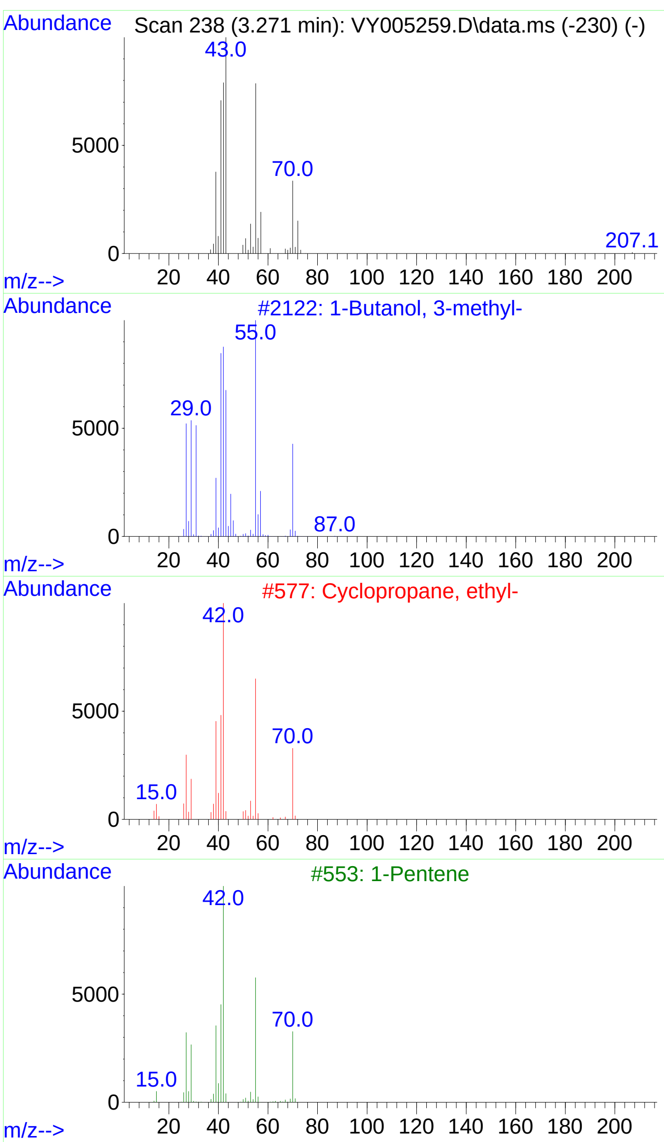
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

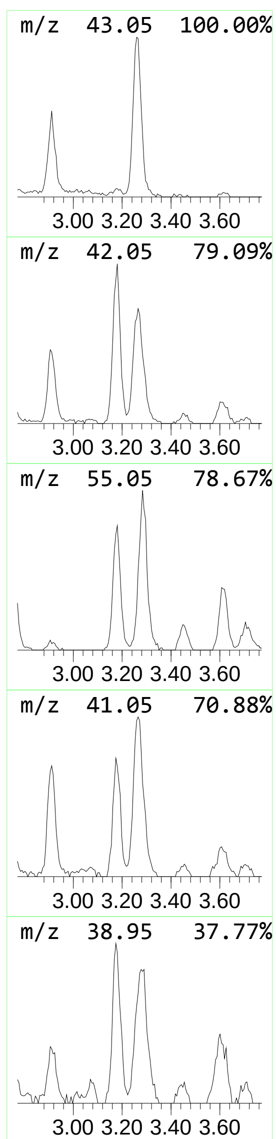
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Butanol, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.271	5.87 ug/l	67030	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	64
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
3	1-Pentene	70	C5H10	000109-67-1	58
4	Pentane	72	C5H12	000109-66-0	53
5	2-Pentene, (E)-	70	C5H10	000646-04-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260

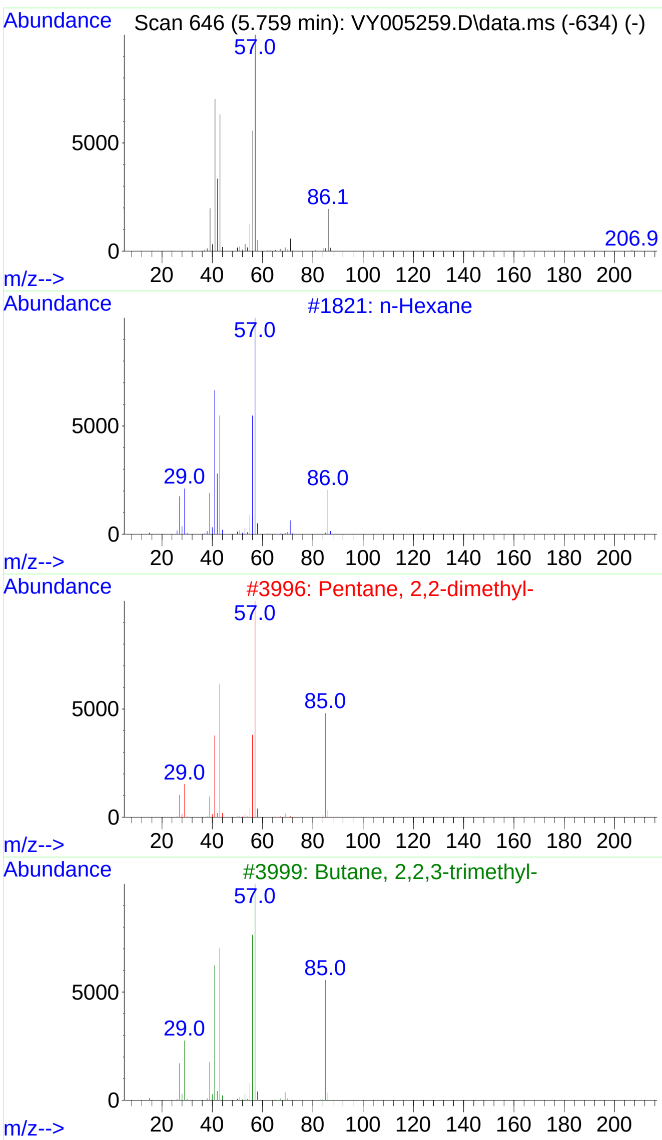
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

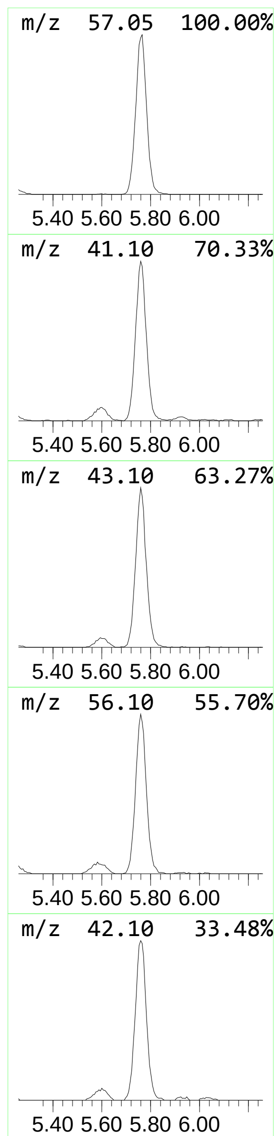
****

Peak Number 5 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.759	29.87 ug/l	340931	Pentafluorobenzene	7.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
Data File : VY005259.D
Acq On : 28 Jun 2021 19:06
Operator : SY/MD
Sample : M2889-01
Misc : 6.25G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-1(11.5-12)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.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	1.869	23.3	ug/l	266218	1	7.801	570627	50.0
1-Propene, 2-me...	2.229	17.3	ug/l	197060	1	7.801	570627	50.0
1-Butanol, 3-me...	3.271	5.9	ug/l	67030	1	7.801	570627	50.0
n-Hexane	5.759	29.9	ug/l	340931	1	7.801	570627	50.0