LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

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\82Y043020S.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	1.871	19	22	33	rVB3	5375	11910	2.45%	0.315%
2	2.231	76	81	89	rBV	17845	30218	6.20%	0.798%
3	2.396	103	108	116	rVB	10911	19100	3.92%	0.504%
4	3.396	263	272	284	rBV	6737	19281	3.96%	0.509%
5	3.969	355	366	378	rBV2	28936	80519	16.53%	2.127%
6	4.212	399	406	416	rVB4	3712	10014	2.06%	0.264%
7	4.743	482	493	505	rBV2	6772	21083	4.33%	0.557%
8	4.981	518	532	548	rBV2	33245	124458	25.55%	3.287%
9	5.615	624	636	648	rBV3	5632	19072	3.92%	0.504%
10	5.767	654	661	671	rBV3	2772	8887	1.82%	0.235%
11	6.218	727	735	747	rVB4	5097	15738	3.23%	0.416%
12	6.529	776	786	796	rVB2	19445	56561	11.61%	1.494%
13	6.834	834	836	846	rVB2	4230	6133	1.26%	0.162%
14	7.005	852	864	877	rBV2	18568	55908	11.48%	1.477%
15	7.285	898	910	923	rBV	187213	481197	98.80%	12.709%
16	7.736	972	984	990	rBV	76365	185759	38.14%	4.906%
17	7.809	990	996	1006	rVB	136180	301114	61.82%	7.953%
18	8.157	1042	1053	1063	rBV	71688	167212	34.33%	4.416%
19	8.407	1087	1094	1108	rBV3	9875	28267	5.80%	0.747%
20	8.578	1114	1122	1128	rBV5	8826	20591	4.23%	0.544%
21	8.706	1135	1143	1152	rBV	195352	385517	79.15%	10.182%
22	9.157	1211	1217	1220	rBV2	6967	12397	2.55%	0.327%
23	10.187	1380	1386	1393	rBV	278579	487045	100.00%	12.863%
24	10.254	1393	1397	1402	rVB2	9597	15688	3.22%	0.414%
25	10.943	1506	1510	1515	rBV4	14600	24800	5.09%	0.655%
26	11.498	1596	1601	1609	rVB	232860	380809	78.19%	10.057%
27	12.254	1721	1725	1731	rVB	47243	80279	16.48%	2.120%
28	12.345	1734	1740	1745	rVV	166192	268109	55.05%	7.081%
29	12.491	1759	1764	1771	rBV	138252	221900	45.56%	5.861%
30	12.589	1778	1780	1787	rVB5	38198	61823	12.69%	1.633%
31	13.430	1914	1918	1924	rBV	87960	126454	25.96%	3.340%
32	15.137	2196	2198	2203	rVB6	40244	58494	12.01%	1.545%

LSC Area Percent Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
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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\82Y043020S.M
Title : SW846 8260

Sum of corrected areas: 3786337

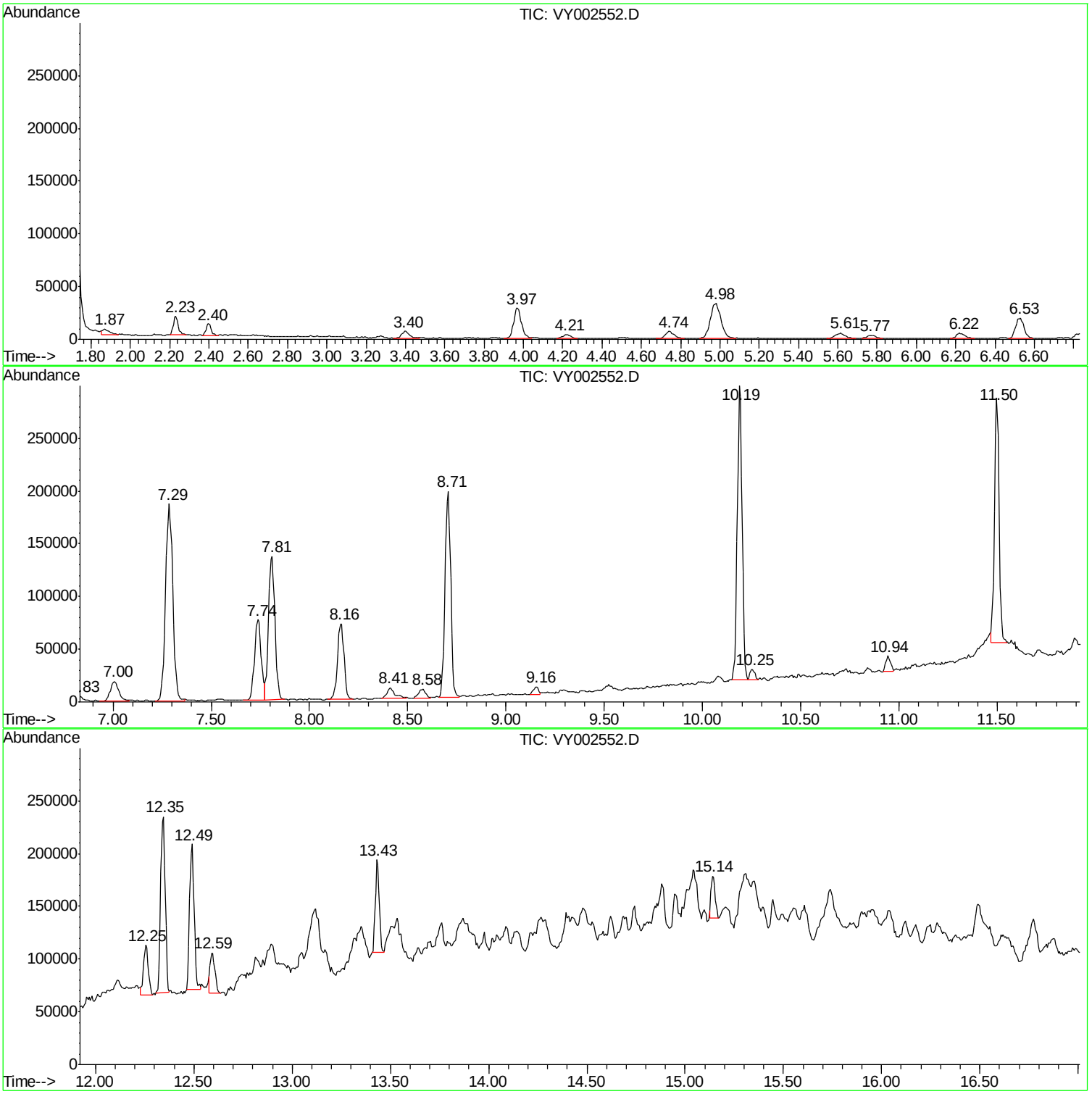
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.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_Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

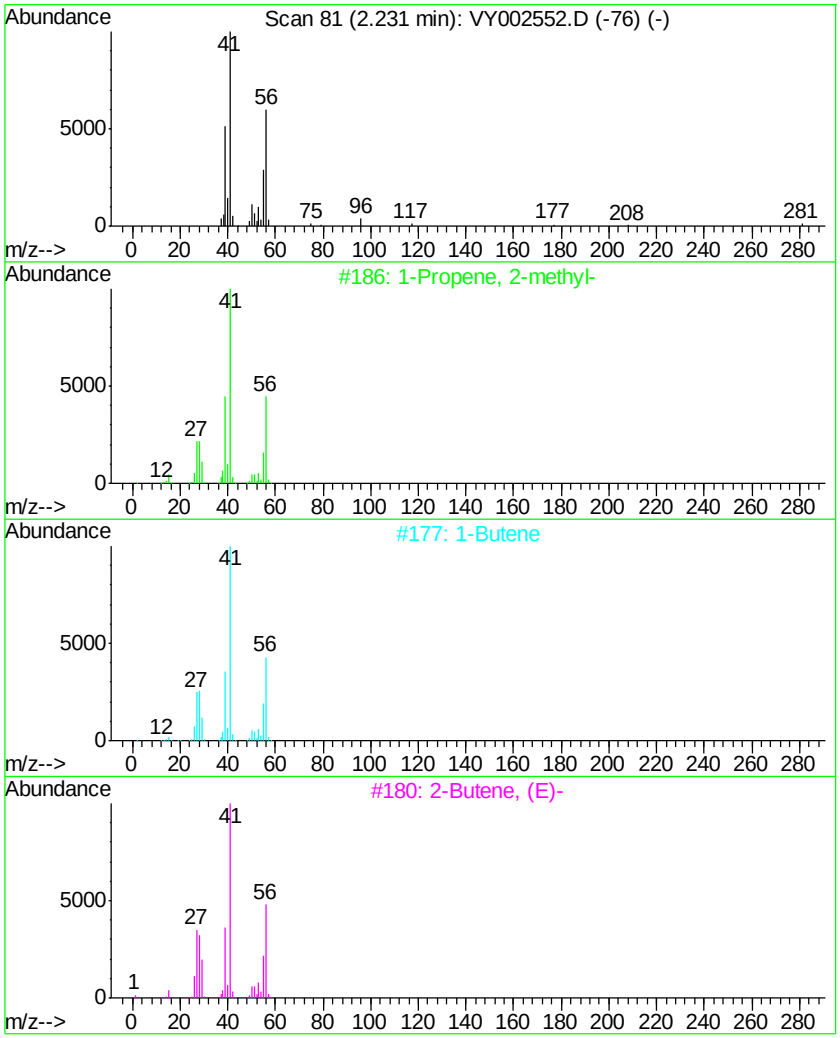
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

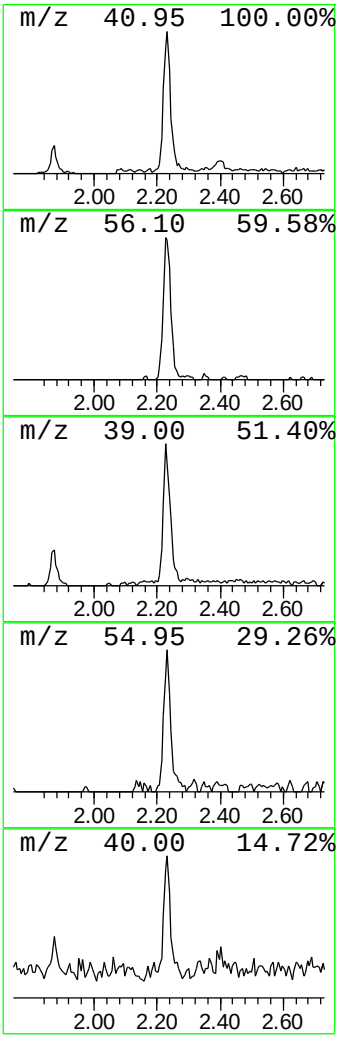
****

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	5.02 ug/l	30218	Pentafluorobenzene	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	1-Butene	56	C4H8	000106-98-9	80
3	2-Butene, (E)-	56	C4H8	000624-64-6	64
4	2-Butene	56	C4H8	000107-01-7	64
5	2-Butene, (Z)-	56	C4H8	000590-18-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

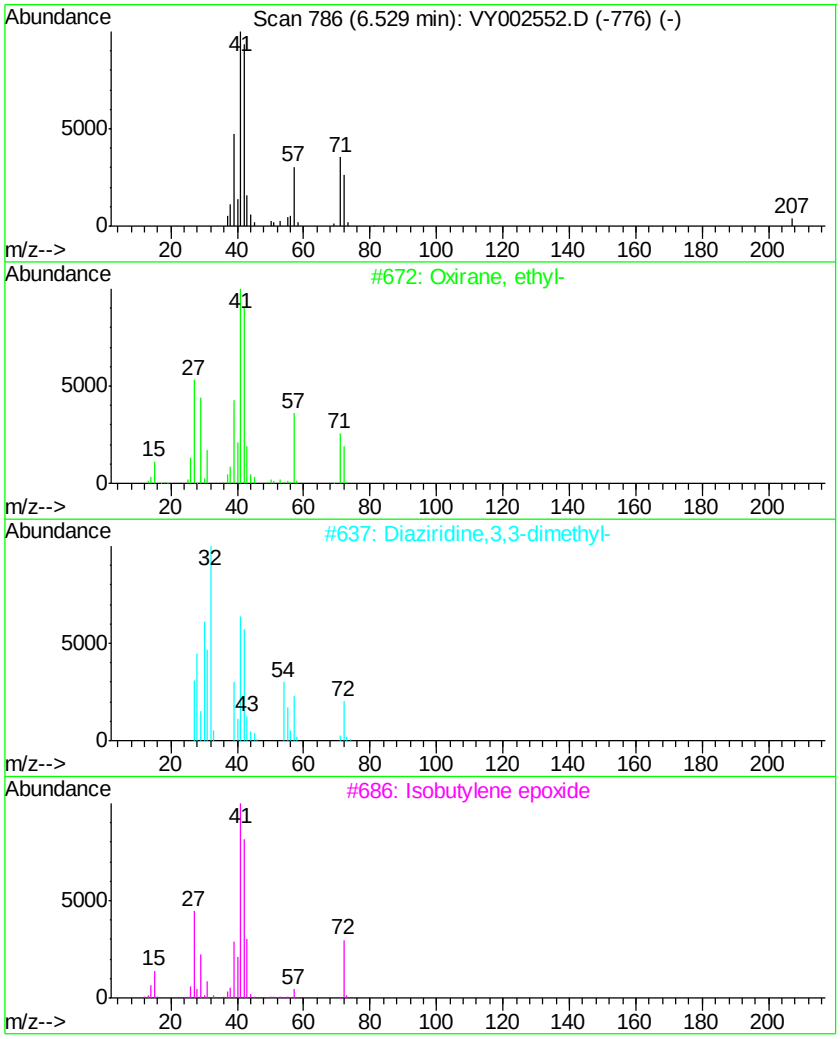
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

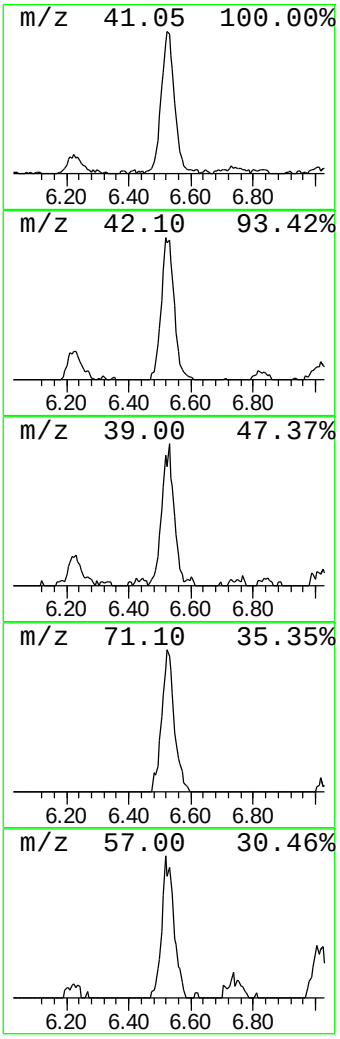
****

Peak Number 2 Oxirane, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	9.39 ug/l	56561	Pentafluorobenzene	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, ethyl-	72	C4H8O	000106-88-7	86
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	50
3	Isobutylene epoxide	72	C4H8O	000558-30-5	50
4	Tetrahydrofuran	72	C4H8O	000109-99-9	50
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

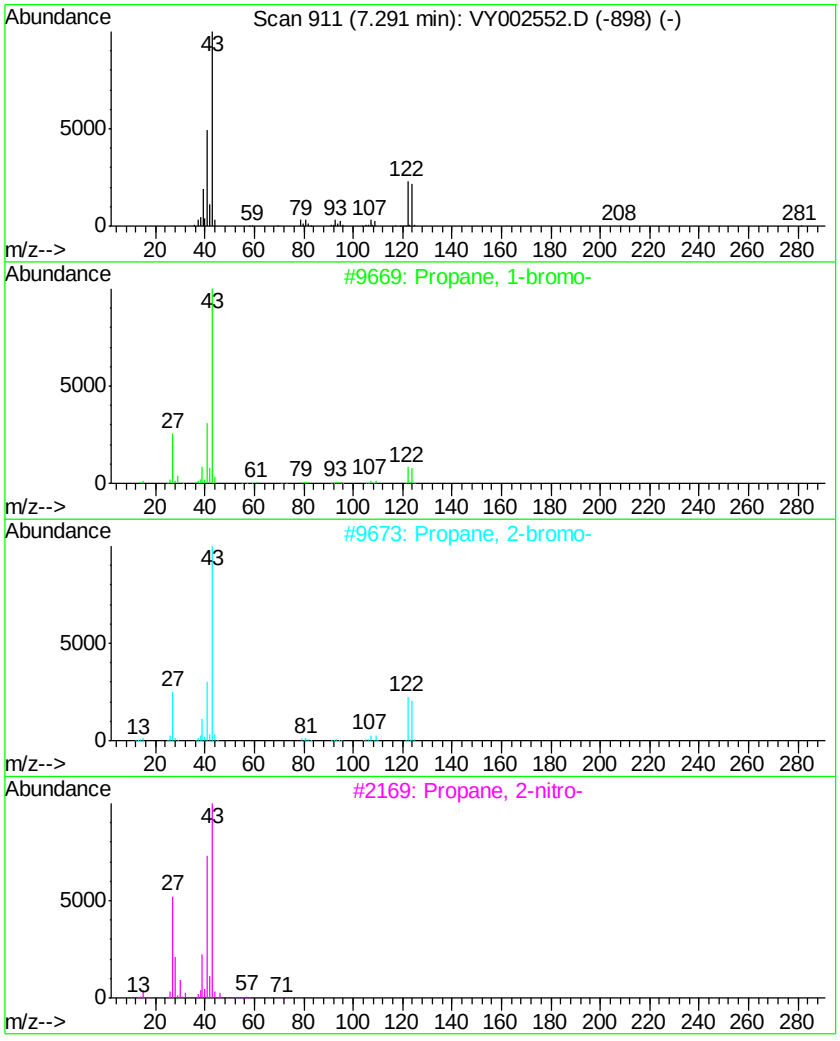
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

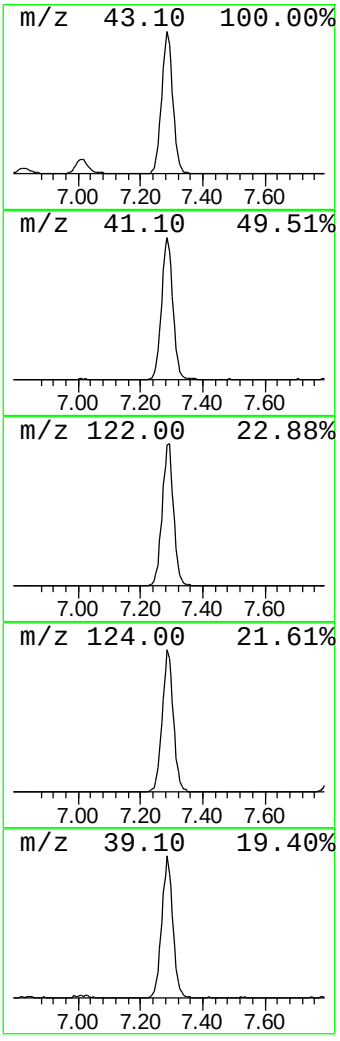
****

Peak Number 3 Propane, 1-bromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	79.90 ug/l	481197	Pentafluorobenzene	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-	122	C3H7Br	000106-94-5	78
2	Propane, 2-bromo-	122	C3H7Br	000075-26-3	64
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	17
4	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002552.D
Acq On : 04 May 2020 19:24
Operator : SY/MD
Sample : L2457-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

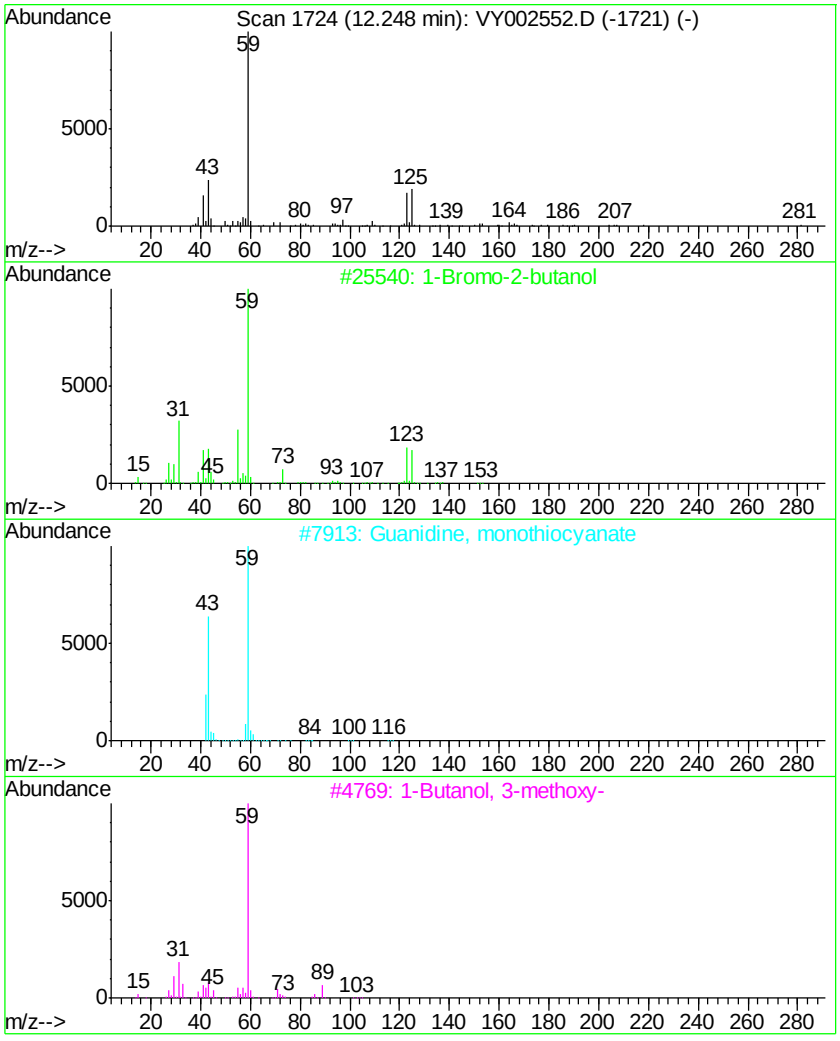
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

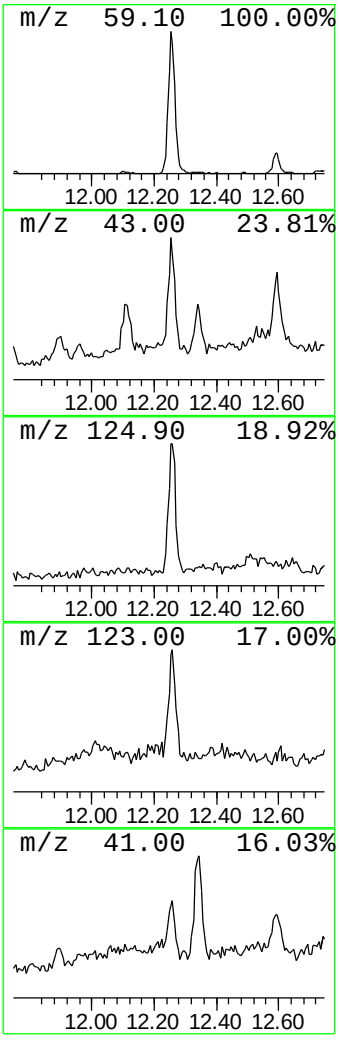
****

Peak Number 4 1-Bromo-2-butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	10.54 ug/l	80279	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2-butanol	152	C4H9BrO	002482-57-7	64
2	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	38
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	28
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	28
5	1-(1-Methoxypropan-2-yloxy)propa...	260	C14H28O4	1000367-13-1	28





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 1340

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

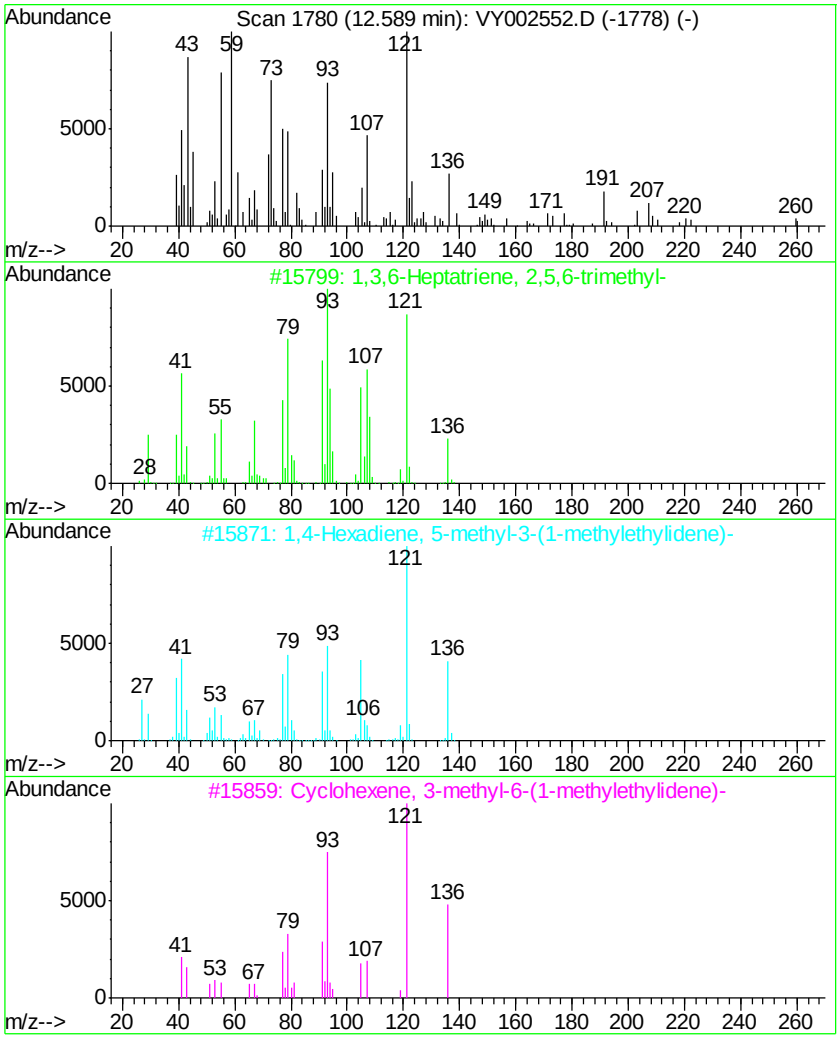
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

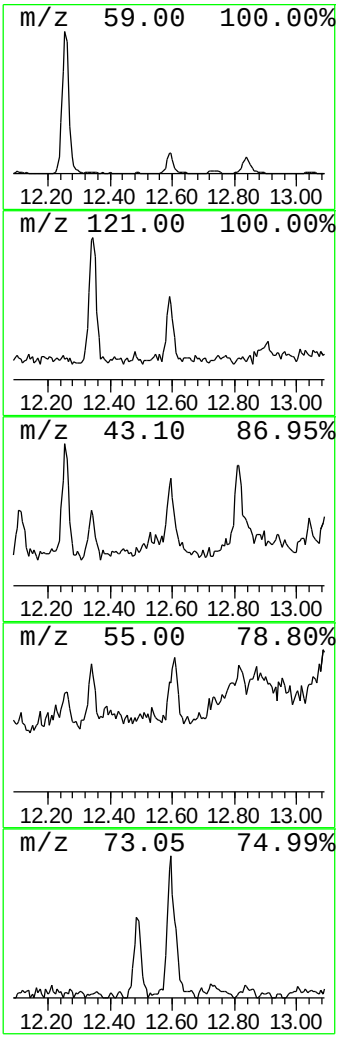
****

Peak Number 5 1,3,6-Heptatriene, 2,5,6-tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	24.44 ug/l	61823	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Heptatriene, 2,5,6-trimethyl-	136	C10H16	042123-66-0	64
2	1,4-Hexadiene, 5-methyl-3-(1-met...	136	C10H16	113687-24-4	49
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	43
4	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	38
5	Camphene	136	C10H16	000079-92-5	38





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Instrument : MSVOA_Y
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

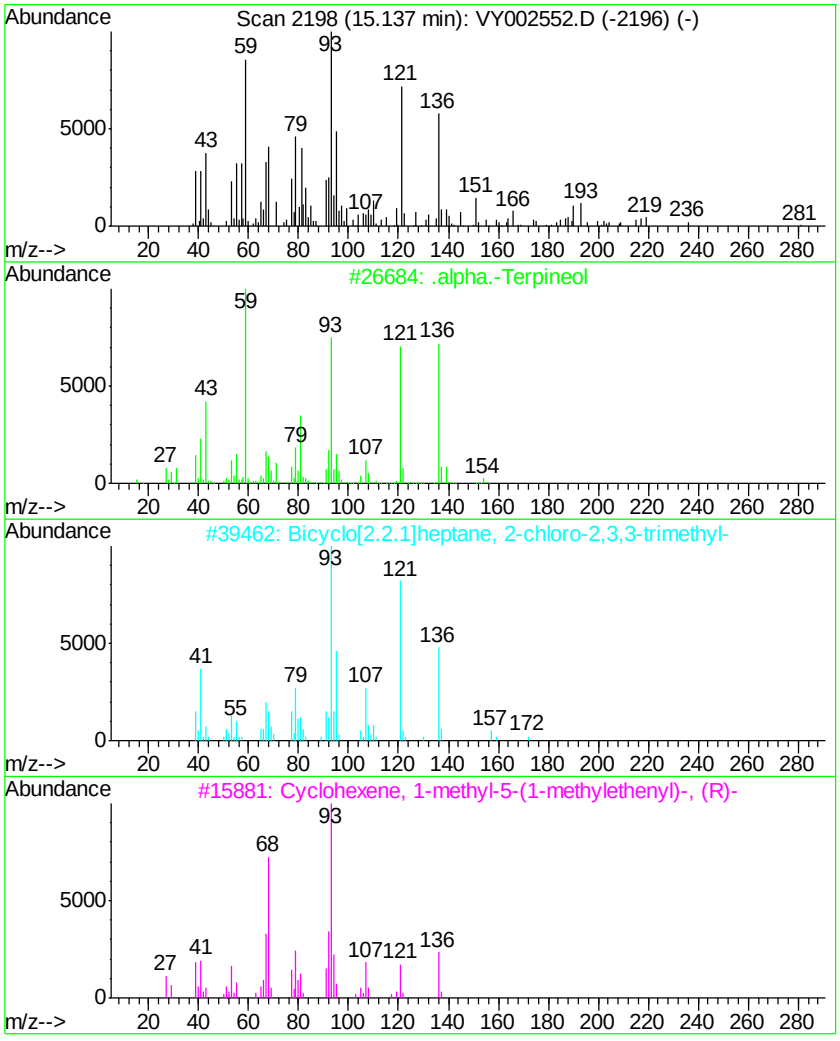
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

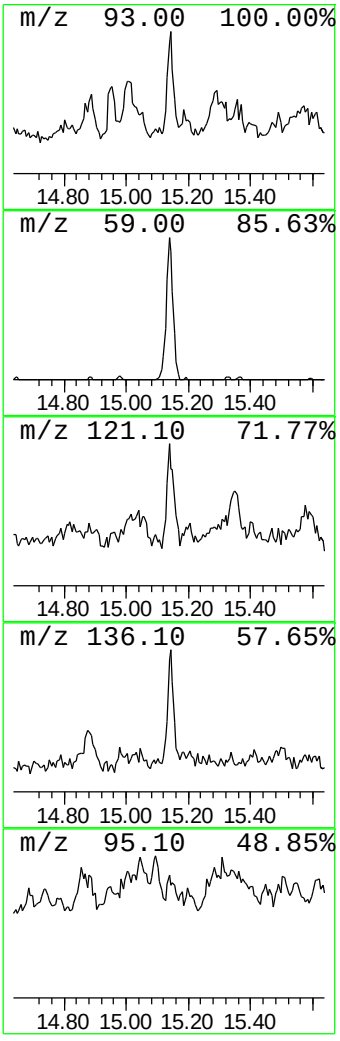
****

Peak Number 6 unknown15.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	23.13 ug/l	58494	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Terpineol	154	C10H18O	000098-55-5	47
2	Bicyclo[2.2.1]heptane, 2-chloro-...	172	C10H17Cl	000465-30-5	43
3	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	43
4	2-Carene	136	C10H16	000554-61-0	42
5	(+)-4-Carene	136	C10H16	029050-33-7	42





Tentatively Identified Compound (LSC) summary

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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
1-Propene, 2-methyl-	2.23	5.0	ug/l	30218	1	7.81	301114	50.0
Oxirane, ethyl-	6.53	9.4	ug/l	56561	1	7.81	301114	50.0
Propane, 1-bromo-	7.29	79.9	ug/l	481197	1	7.81	301114	50.0
1-Bromo-2-butanol	12.25	10.5	ug/l	80279	3	11.50	380809	50.0
1,3,6-Heptatriene...	12.59	24.4	ug/l	61823	4	13.43	126454	50.0
unknown15.14	15.14	23.1	ug/l	58494	4	13.43	126454	50.0