LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	19	rVB	124518	116899	2.40%	0.696%
2	1.319	63	71	86	rVB2	400587	433749	8.90%	2.584%
3	1.579	144	152	161	rBV	67145	76249	1.56%	0.454%
4	2.129	312	323	339	rBV3	206759	359659	7.38%	2.143%
5	2.550	448	454	465	rVB2	56633	95507	1.96%	0.569%
6	2.778	512	525	545	rBV	254642	513031	10.53%	3.057%
7	3.212	642	660	678	rBV	92082	212786	4.37%	1.268%
8	3.383	701	713	726	rBV3	23704	53094	1.09%	0.316%
9	3.788	816	839	857	rBV	768776	1933952	39.68%	11.522%
10	3.939	869	886	917	rVB	2027756	4873330	100.00%	29.035%
11	4.106	923	938	981	rVB	435649	1190737	24.43%	7.094%
12	4.379	1006	1023	1045	rBV2	109472	279392	5.73%	1.665%
13	4.633	1083	1102	1116	rBV2	463569	1171216	24.03%	6.978%
14	4.701	1116	1123	1139	rVB3	103687	241034	4.95%	1.436%
15	5.074	1223	1239	1269	rBV3	229699	599581	12.30%	3.572%
16	5.643	1404	1416	1434	rBV	202023	404602	8.30%	2.411%
17	5.939	1494	1508	1531	rBV	239553	474943	9.75%	2.830%
18	6.096	1542	1557	1574	rBV2	128314	264718	5.43%	1.577%
19	7.010	1828	1841	1858	rBV2	64994	120490	2.47%	0.718%
20	7.338	1929	1943	1961	rBV	268236	461380	9.47%	2.749%
21	7.646	2028	2039	2053	rBV2	40508	70956	1.46%	0.423%
22	8.112	2172	2184	2212	rBV	253713	468037	9.60%	2.789%
23	8.874	2408	2421	2425	rBV	321375	501787	10.30%	2.990%
24	8.900	2426	2429	2452	rVB	306259	434072	8.91%	2.586%
25	9.566	2626	2636	2647	rBV2	46658	77558	1.59%	0.462%
26	10.238	2834	2845	2856	rBV2	88756	140670	2.89%	0.838%
27	11.202	3133	3145	3155	rBV2	39554	68117	1.40%	0.406%
28	11.270	3155	3166	3186	rVV	298518	516897	10.61%	3.080%
29	11.646	3271	3283	3306	rBV	281626	489365	10.04%	2.916%
30	13.286	3783	3793	3811	rBV3	29325	53157	1.09%	0.317%
31	16.733	4856	4865	4877	rBV	59025	87464	1.79%	0.521%

Sum of corrected areas: 16784429

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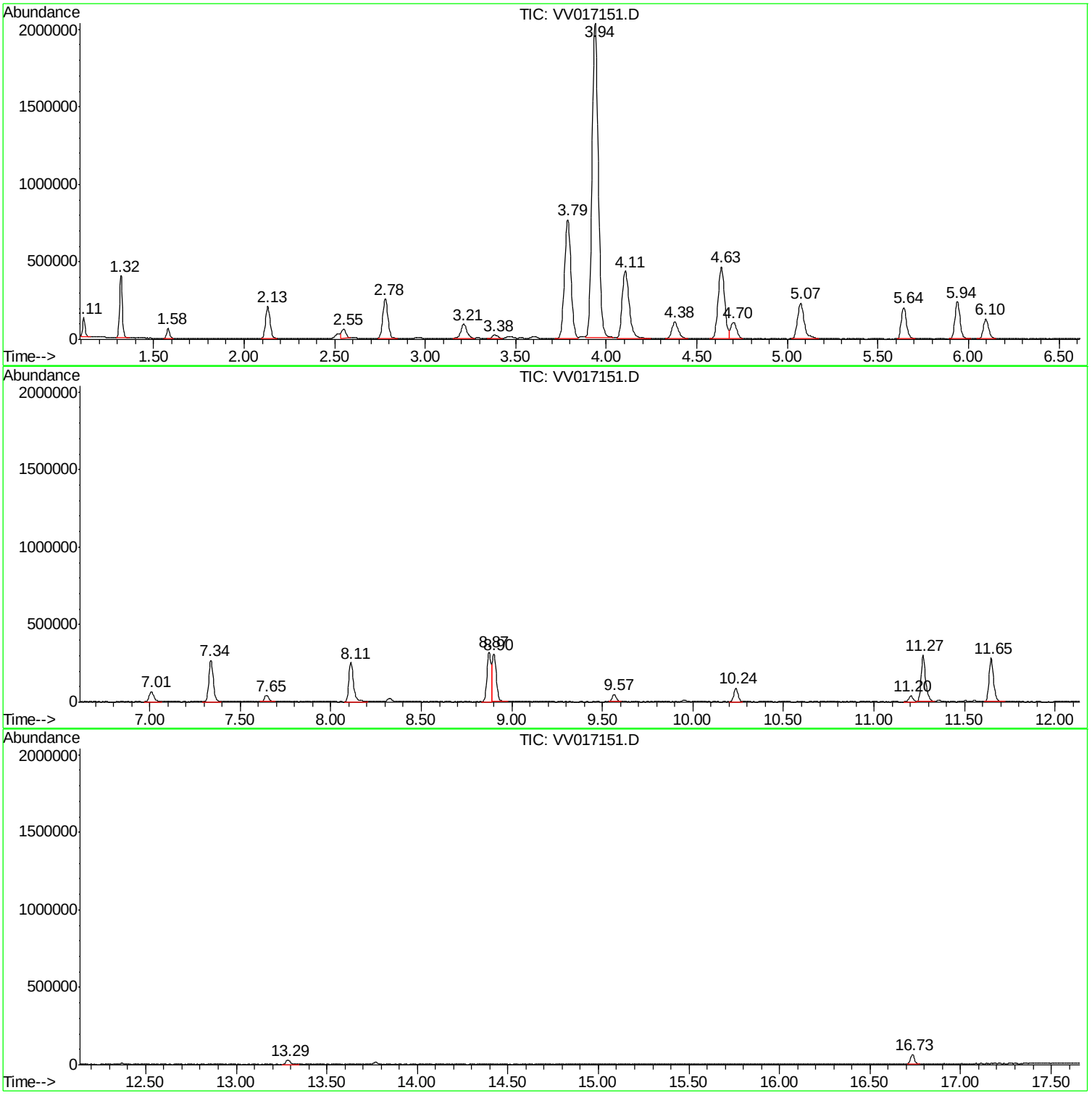
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

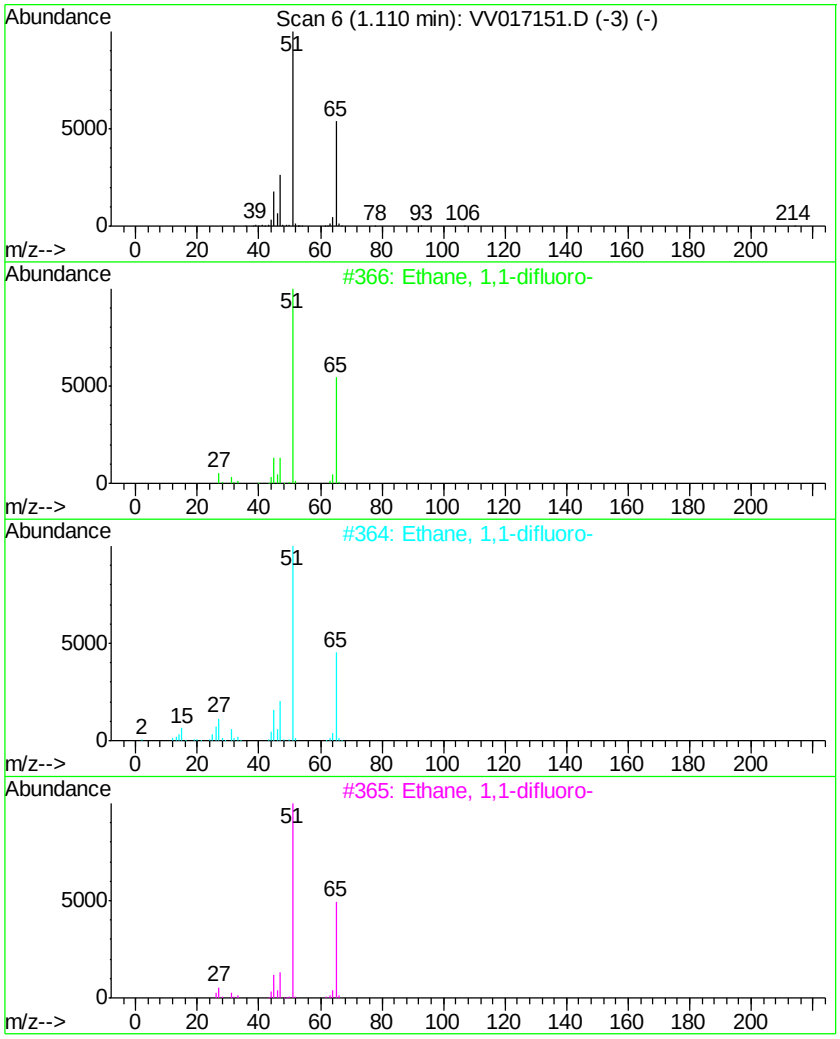
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

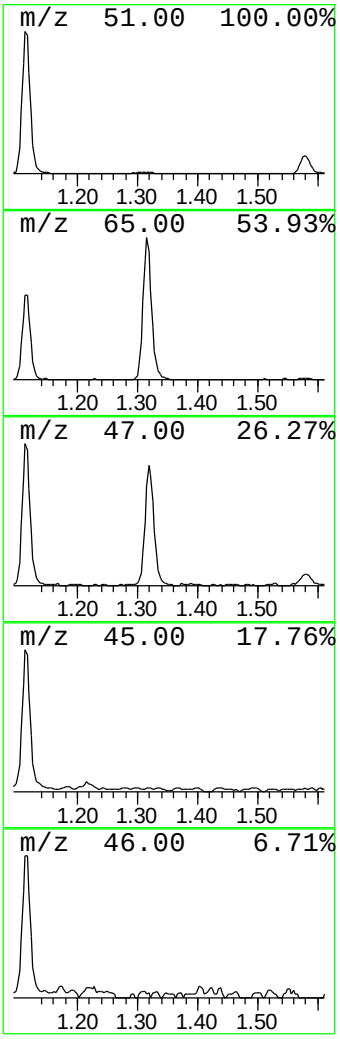
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.44 ug/L	116899	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

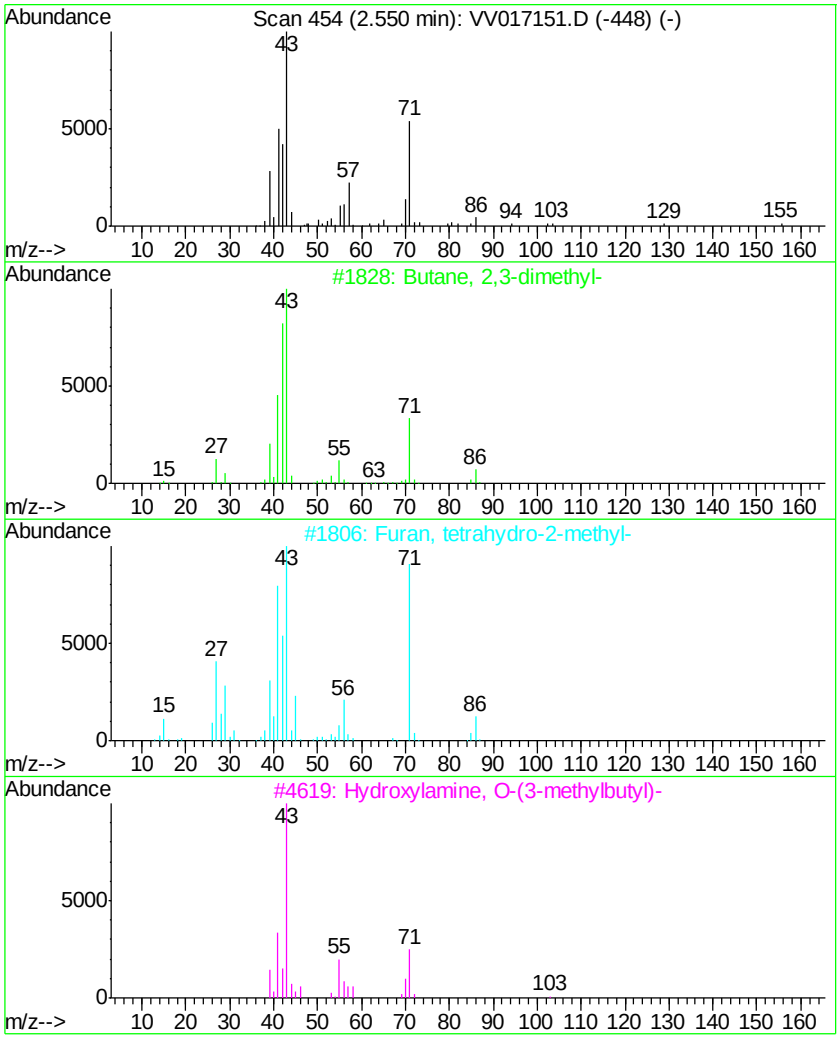
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

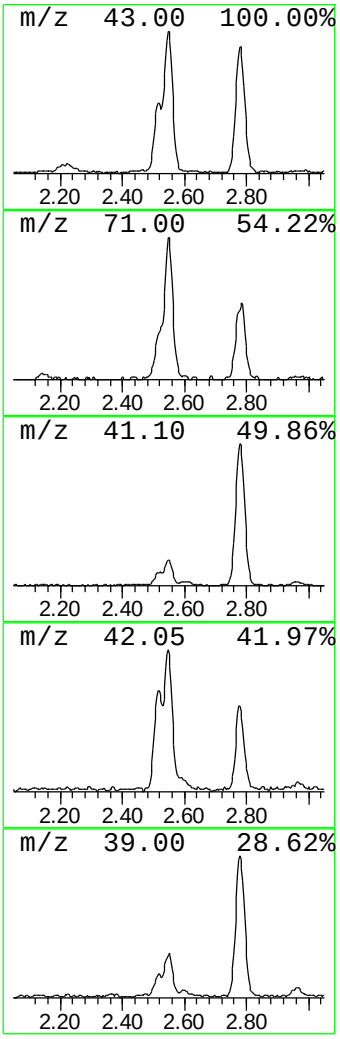
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	1.18 ug/L	95507	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
3	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	38
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

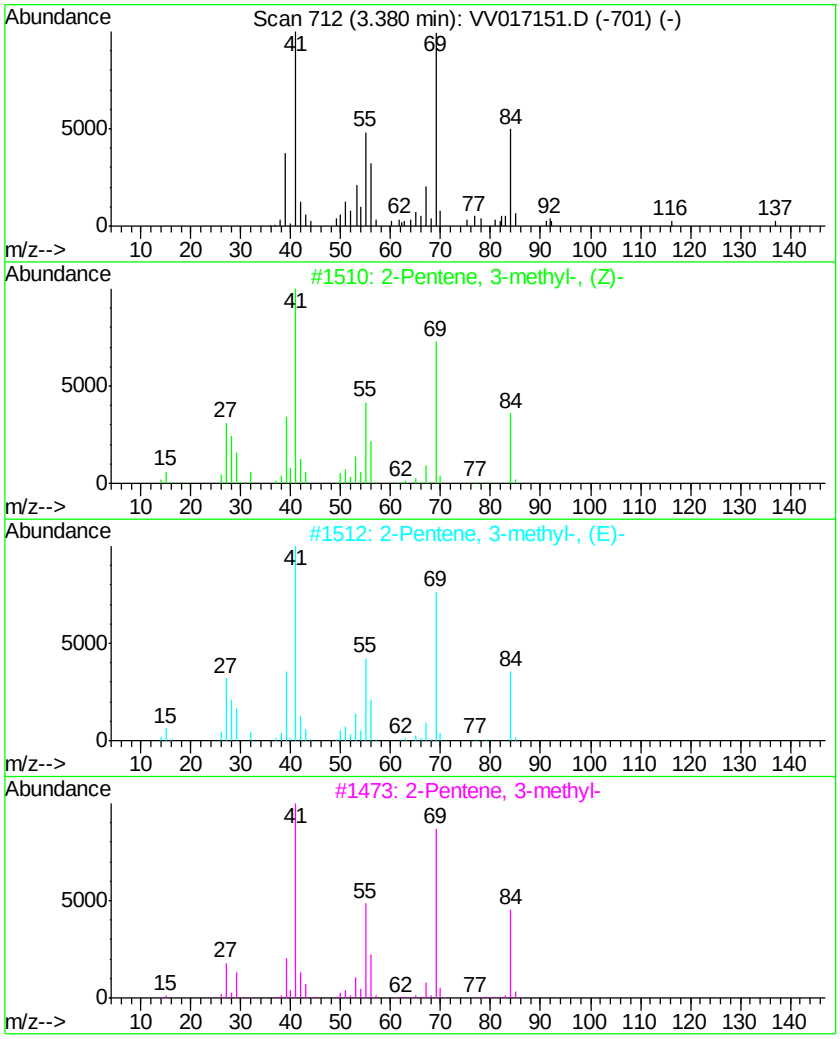
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

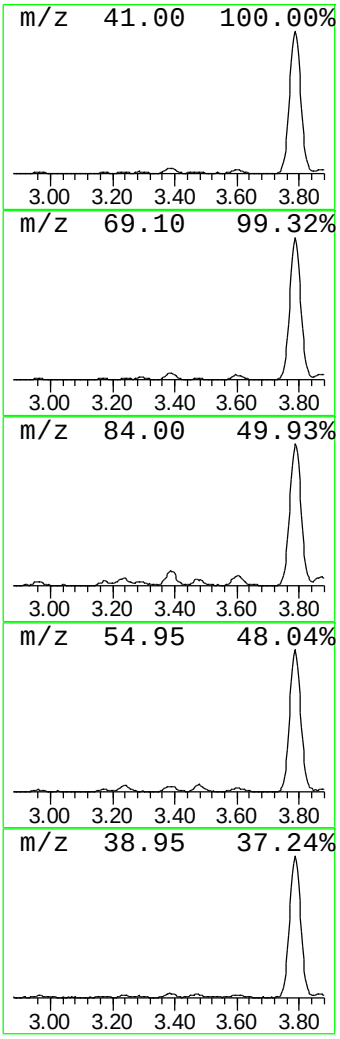
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	0.66 ug/L	53094	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	87
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	80
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	80
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

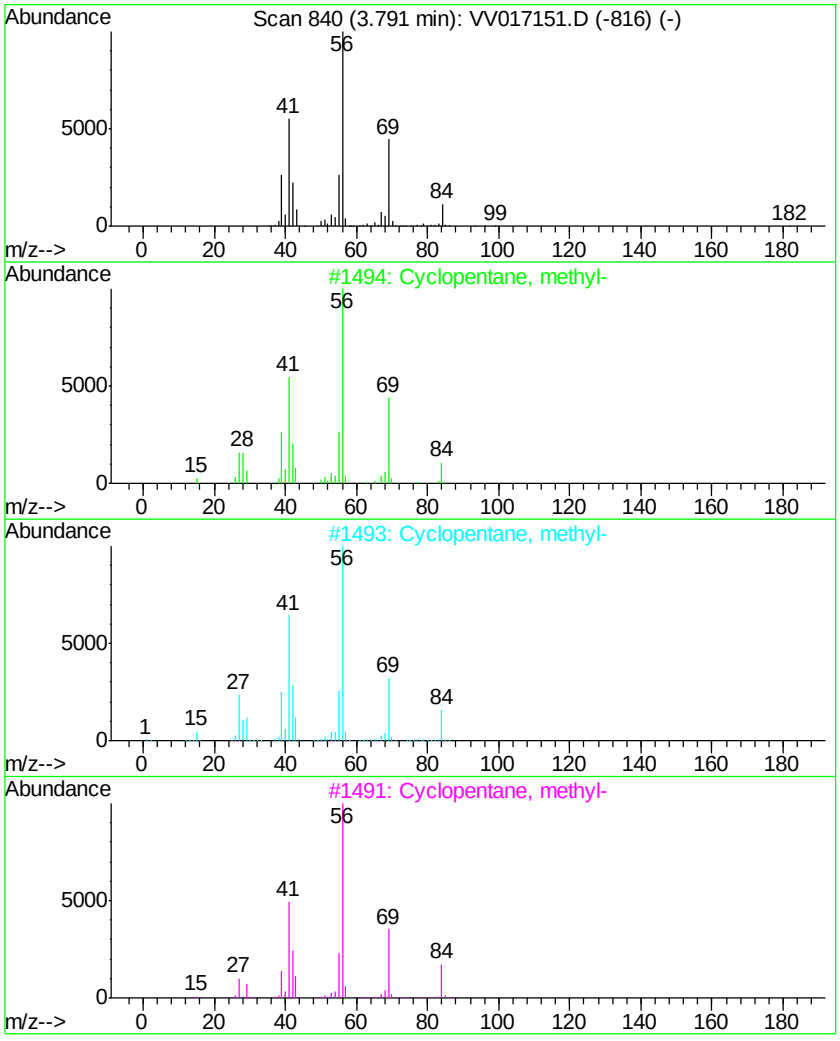
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

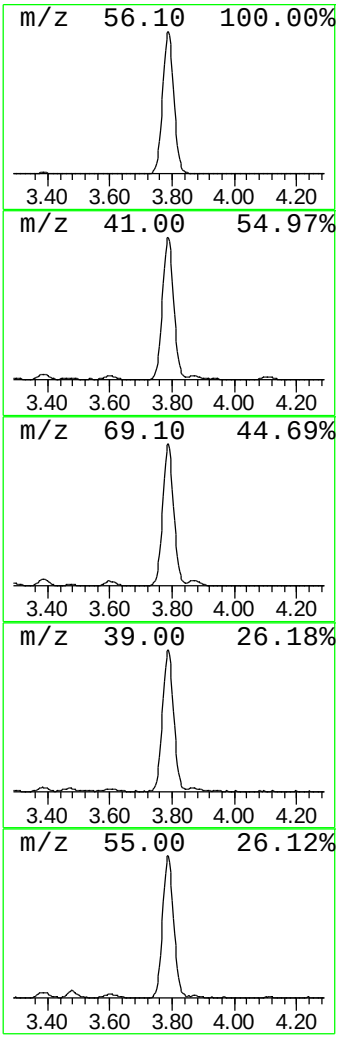
****

Peak Number 4 (DEL) Alkane: Cyclic3.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	23.90 ug/L	1933950	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
Sample : L3106-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

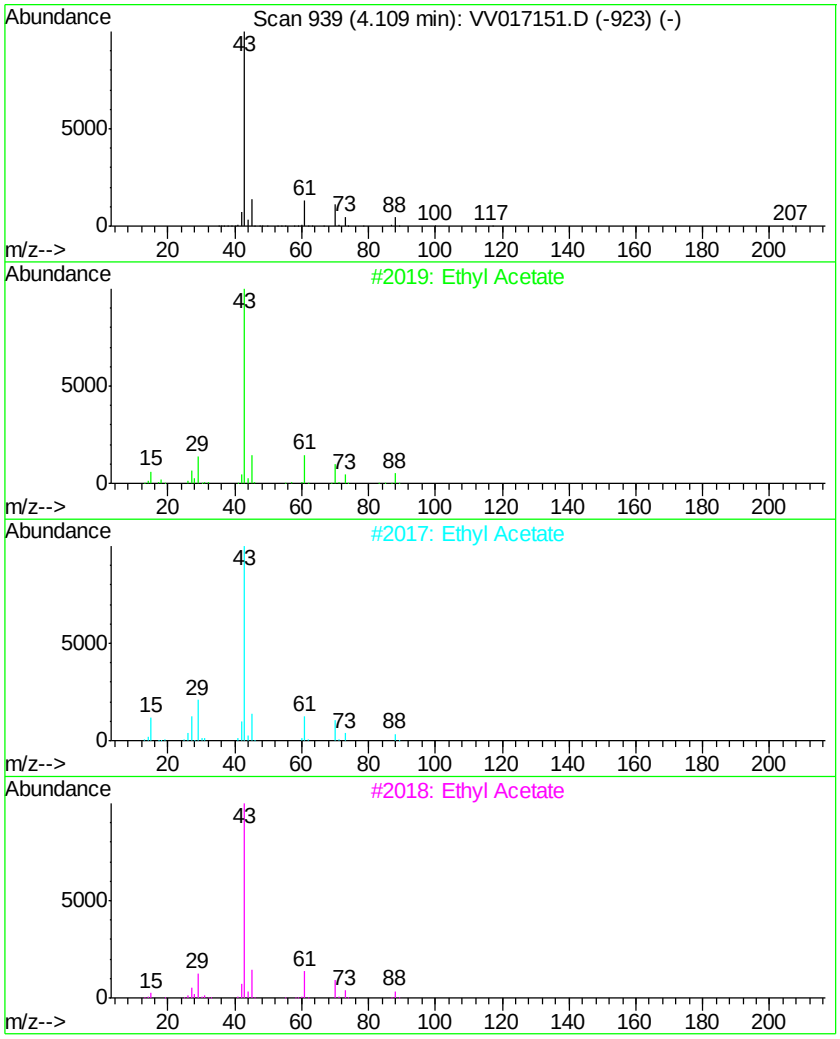
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

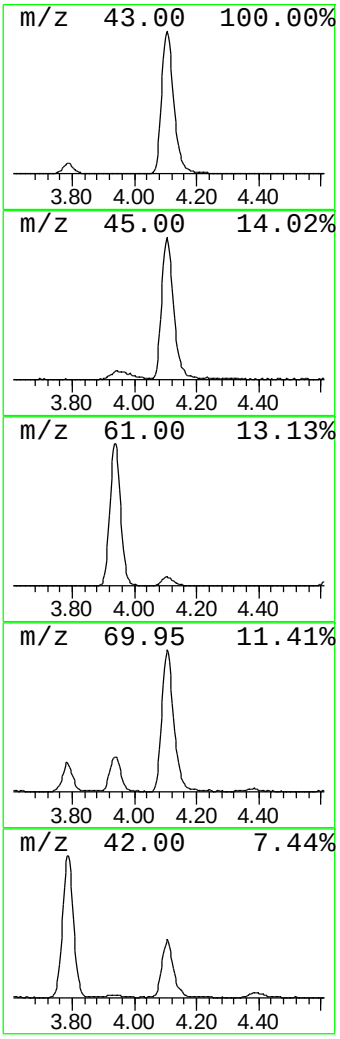
****

Peak Number 5 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	14.71 ug/L	1190740	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





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Operator : SY/MD
Sample : L3106-19
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ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

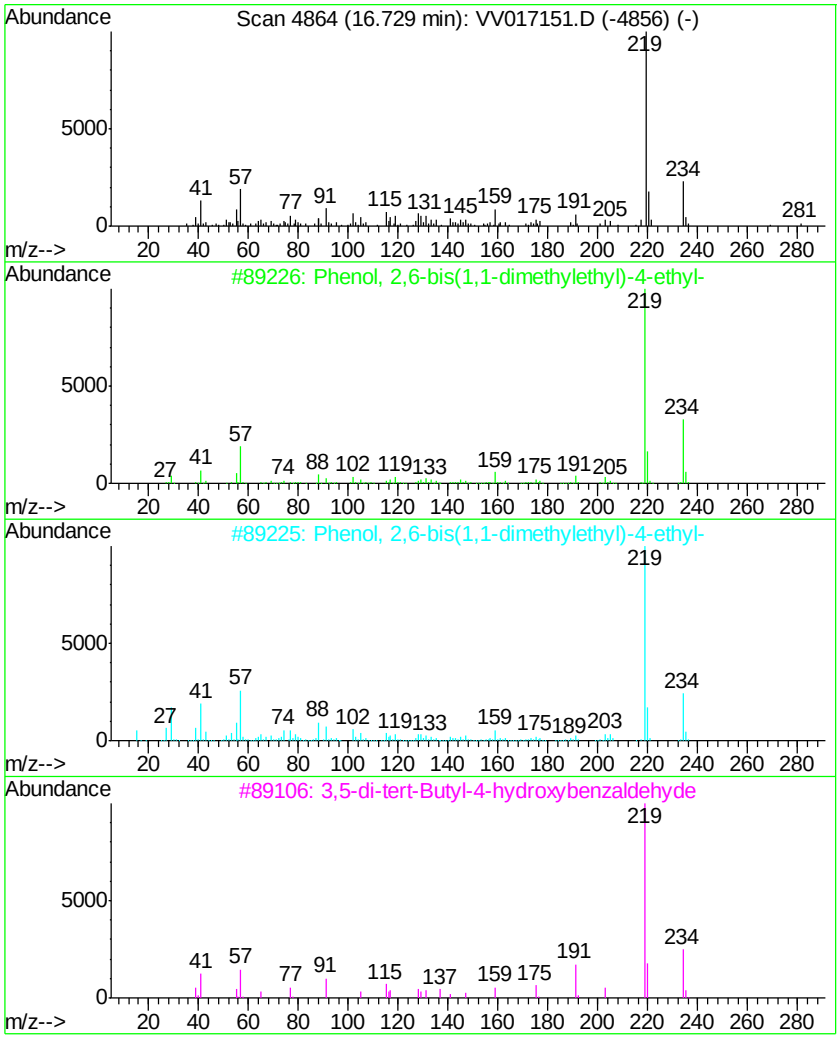
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

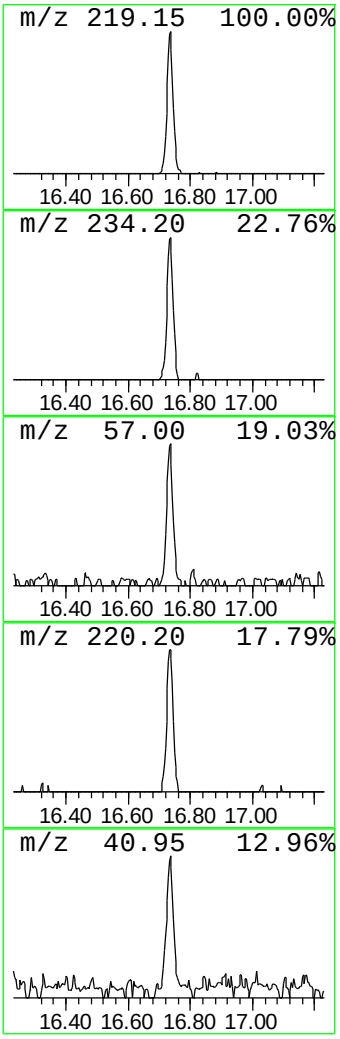
****

Peak Number 7 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	0.85 ug/L	87464	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	95
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
4	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	86
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017151.D
Acq On : 26 Jun 2020 01:35
Operator : SY/MD
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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : BFXP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	1.4	ug/L	116899	1	5.64	404602	5.0
(DEL) Alkane: Str...	2.55	1.2	ug/L	95507	1	5.64	404602	5.0
(DEL) Alkane: Str...	3.38	0.7	ug/L	53094	1	5.64	404602	5.0
(DEL) Alkane: Cyc...	3.79	23.9	ug/L	1933950	1	5.64	404602	5.0
Ethyl Acetate	4.11	14.7	ug/L	1190740	1	5.64	404602	5.0
Phenol, 2,6-bis(1...	16.73	0.8	ug/L	87464	3	11.27	516897	5.0