LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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	15	rVB	19495	17156	2.07%	0.235%
2	1.315	62	70	78	rVB	86569	91488	11.03%	1.256%
3	1.579	141	152	160	rBV	68389	79093	9.54%	1.085%
4	2.123	311	321	333	rBV	138699	203401	24.53%	2.791%
5	2.515	432	443	454	rBV4	26385	57262	6.91%	0.786%
6	2.778	514	525	538	rVB2	49105	95302	11.49%	1.308%
7	3.212	646	660	675	rBV	69926	148996	17.97%	2.045%
8	3.785	823	838	850	rBV5	17262	44428	5.36%	0.610%
9	3.949	875	889	919	rBV2	51555	219541	26.48%	3.013%
10	4.110	926	939	977	rVB	284657	829084	100.00%	11.378%
11	4.376	1003	1022	1045	rBV	112897	298267	35.98%	4.093%
12	4.634	1083	1102	1118	rBV	157066	396227	47.79%	5.438%
13	5.071	1222	1238	1259	rBV3	244182	595330	71.81%	8.170%
14	5.640	1402	1415	1436	rBV	199780	402203	48.51%	5.520%
15	6.097	1542	1557	1576	rBV2	135498	279307	33.69%	3.833%
16	7.010	1828	1841	1856	rBV	67153	125776	15.17%	1.726%
17	7.338	1931	1943	1959	rBV	279753	482600	58.21%	6.623%
18	7.643	2028	2038	2056	rVB3	40501	72442	8.74%	0.994%
19	8.113	2172	2184	2210	rBV	265359	493241	59.49%	6.769%
20	8.325	2242	2250	2256	rBV4	6386	10553	1.27%	0.145%
21	8.875	2408	2421	2441	rBV	302559	531922	64.16%	7.300%
22	9.035	2459	2471	2483	rBV	40410	68793	8.30%	0.944%
23	9.952	2745	2756	2769	rVB3	18959	30847	3.72%	0.423%
24	10.238	2833	2845	2857	rBV	95925	154086	18.59%	2.115%
25	10.376	2876	2888	2900	rBV	34838	56886	6.86%	0.781%
26	10.720	2983	2995	2998	rBV	5730	10733	1.29%	0.147%
27	10.759	2998	3007	3021	rVB	60033	94959	11.45%	1.303%
28	10.936	3049	3062	3079	rBV	62543	99840	12.04%	1.370%
29	11.206	3137	3146	3156	rBV3	17302	28586	3.45%	0.392%
30	11.270	3156	3166	3185	rBV	315816	544371	65.66%	7.471%
31	11.550	3242	3253	3266	rBV2	63653	108038	13.03%	1.483%
32	11.646	3272	3283	3300	rBV	305485	490215	59.13%	6.727%
33	12.039	3394	3405	3411	rBV7	7246	11642	1.40%	0.160%
34	12.489	3535	3545	3552	rBV3	8510	12451	1.50%	0.171%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

35	12.907	3667	3675	3684	rBV7	11720	18961	2.29%	0.260%
36	13.289	3785	3794	3805	rBV7	5956	12411	1.50%	0.170%
37	16.733	4857	4865	4875	rBV	46786	70319	8.48%	0.965%

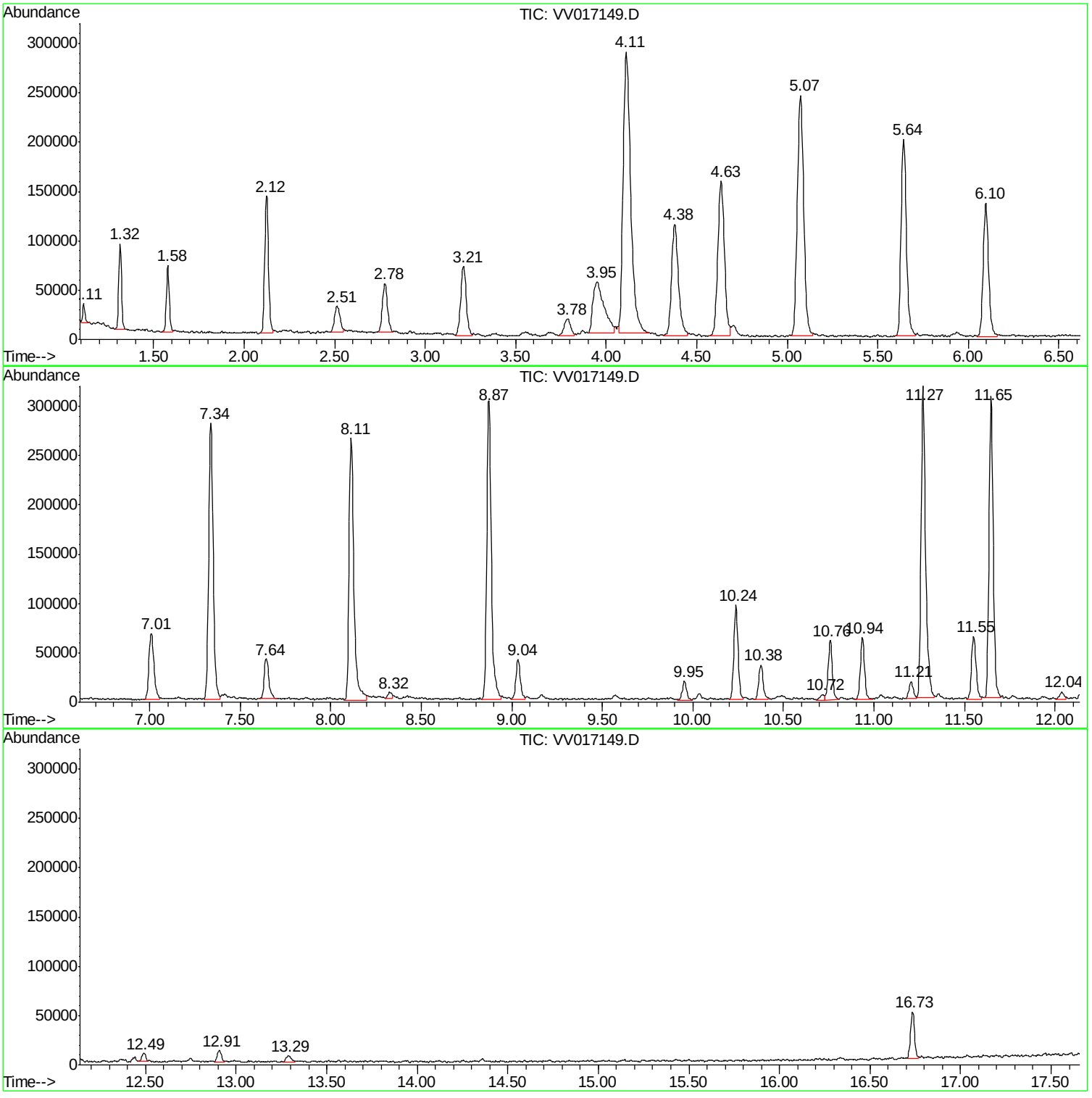
Sum of corrected areas: 7286757

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXN9

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 : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

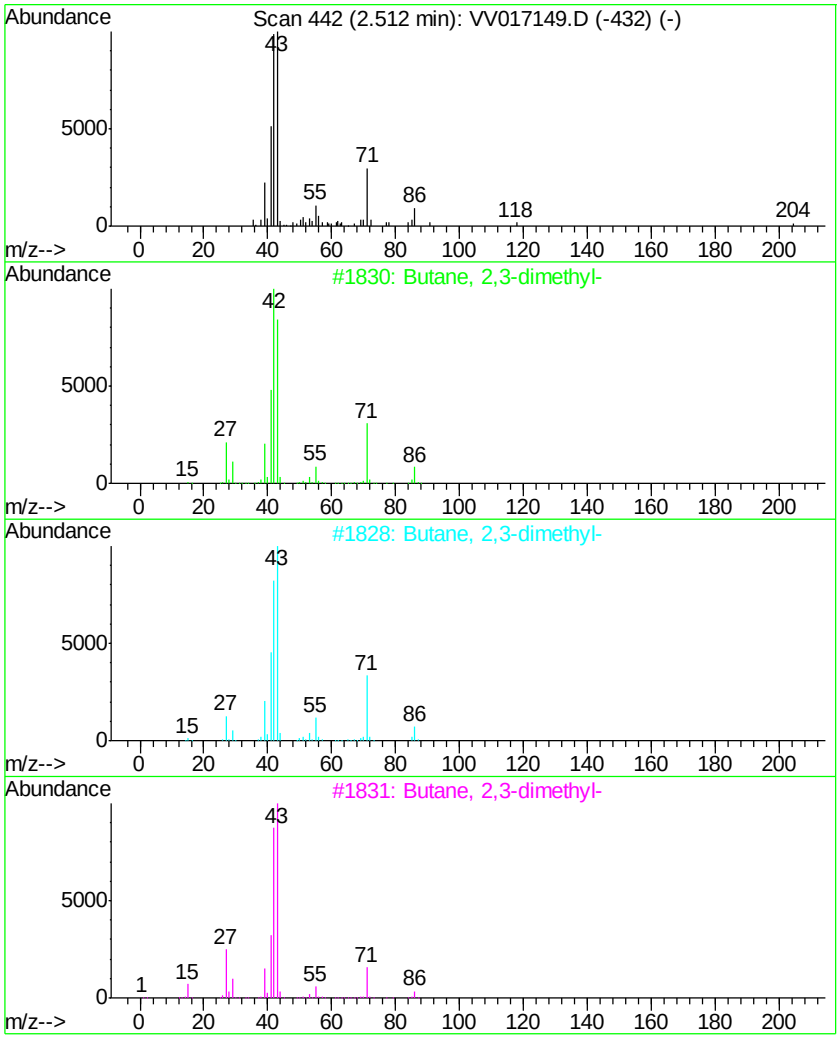
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

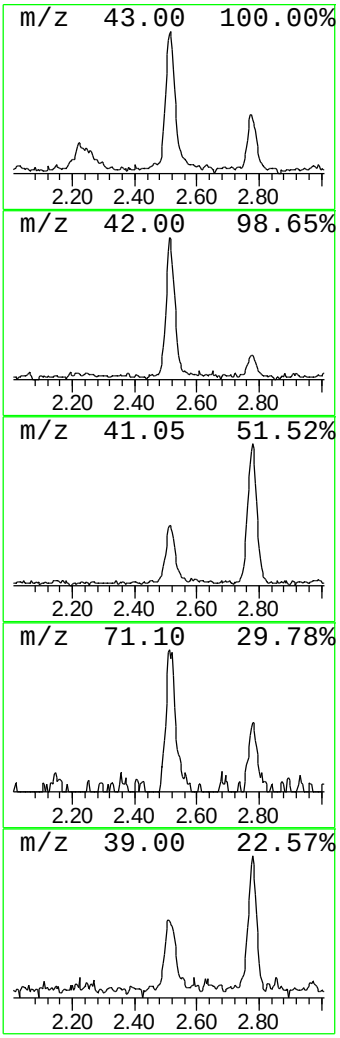
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	0.71 ug/L	57262	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4	Butane, 2-methyl-	72	C5H12	000078-78-4	36
5	Butane, 2-methyl-	72	C5H12	000078-78-4	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

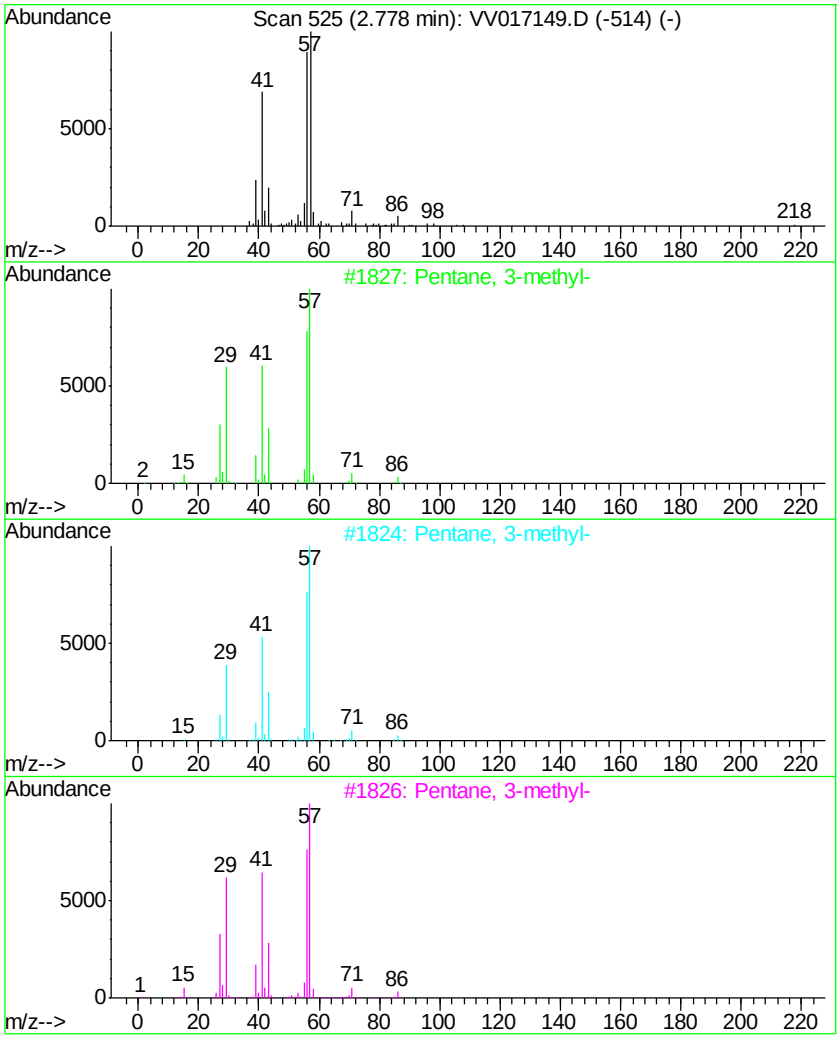
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

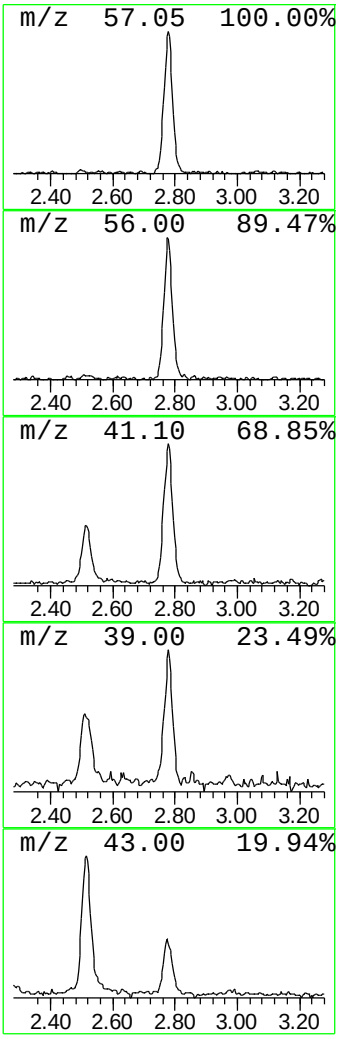
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	1.18 ug/L	95302	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	72
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

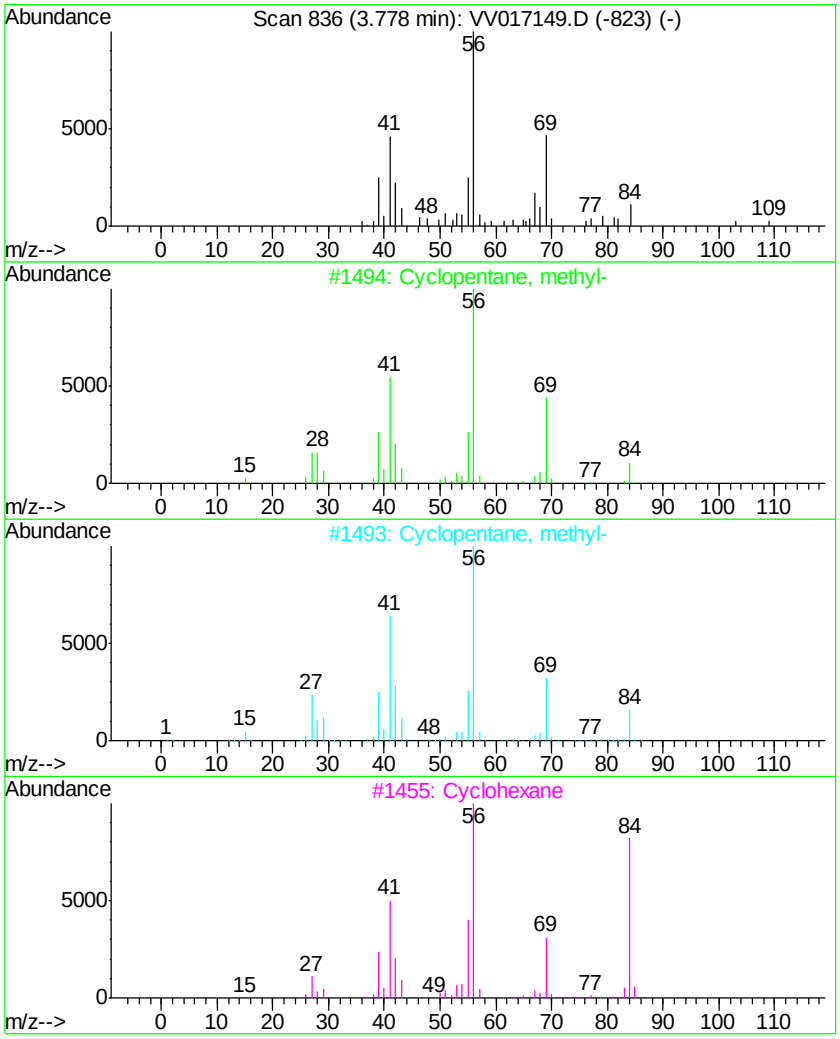
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

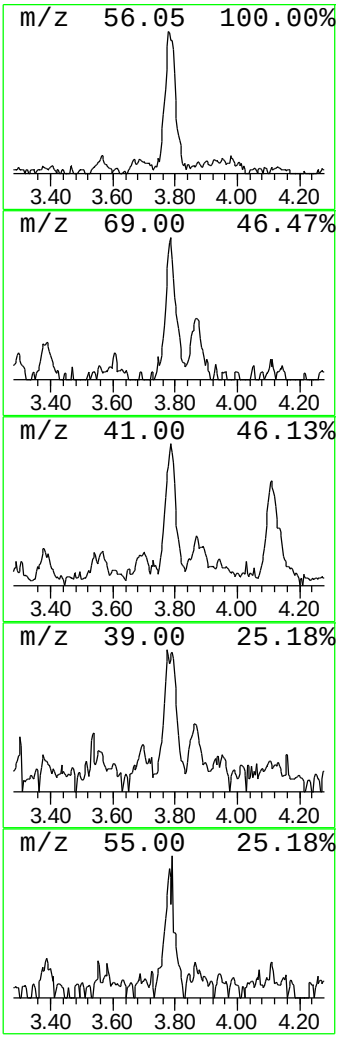
****

Peak Number 3 (DEL) Alkane: Cyclic3.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.55 ug/L	44428	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

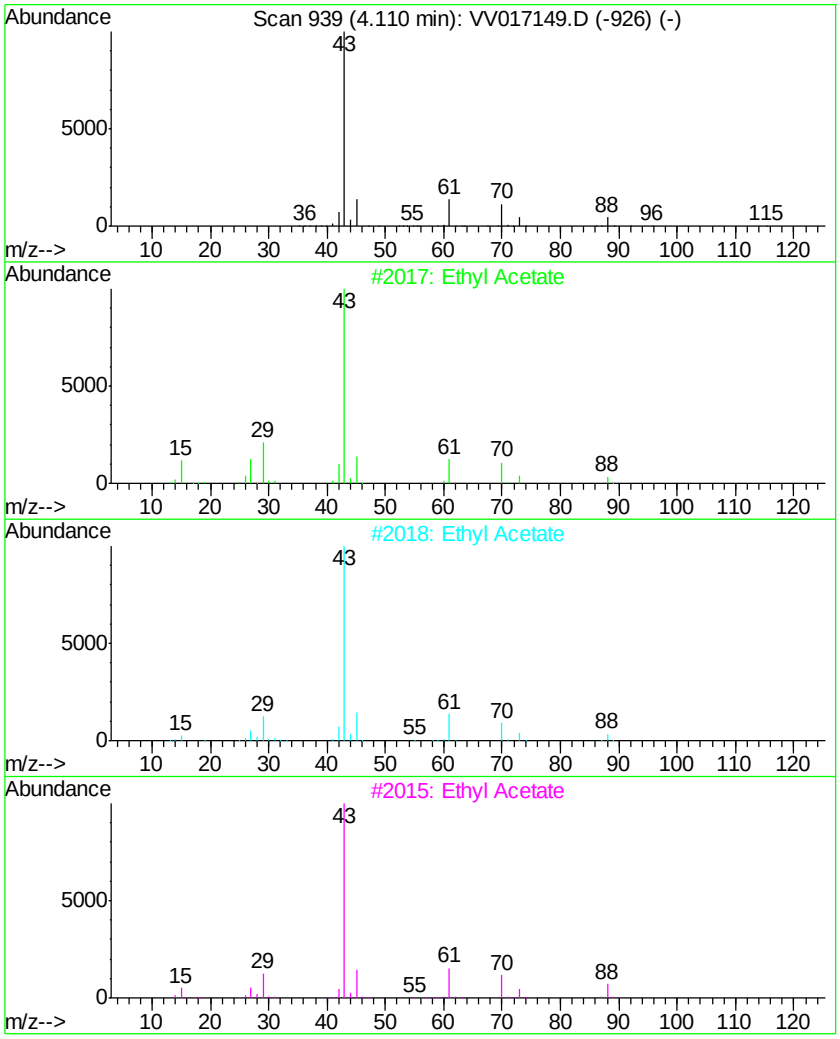
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

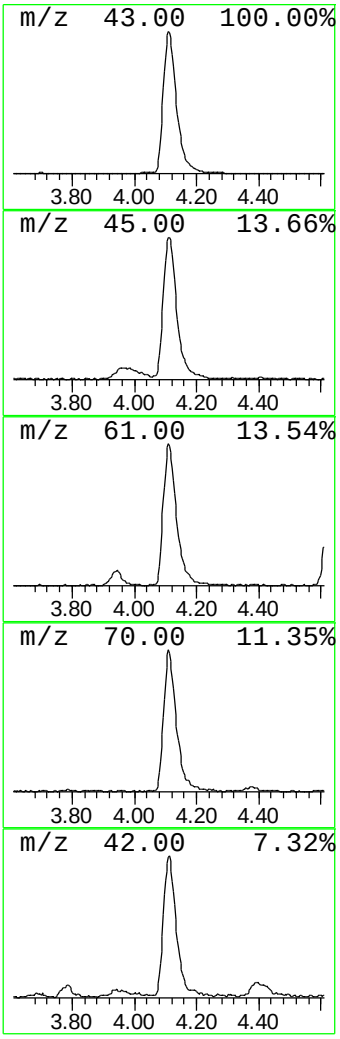
****

Peak Number 4 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	10.31 ug/L	829084	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	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

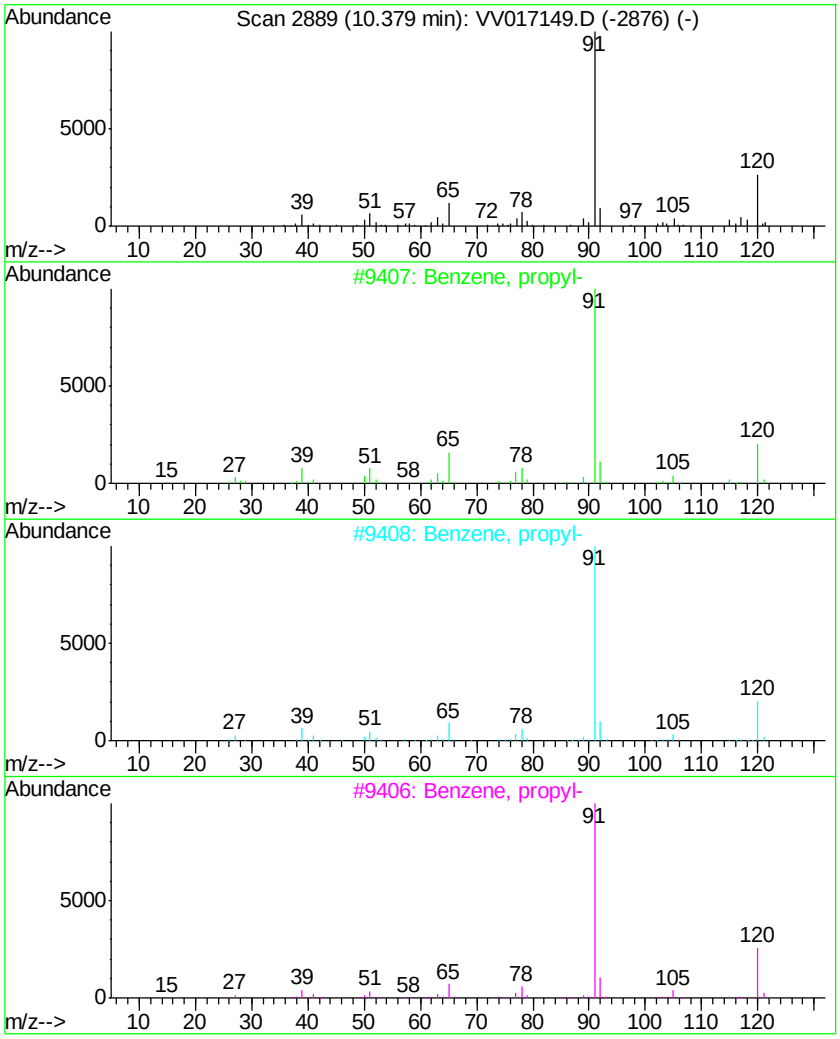
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

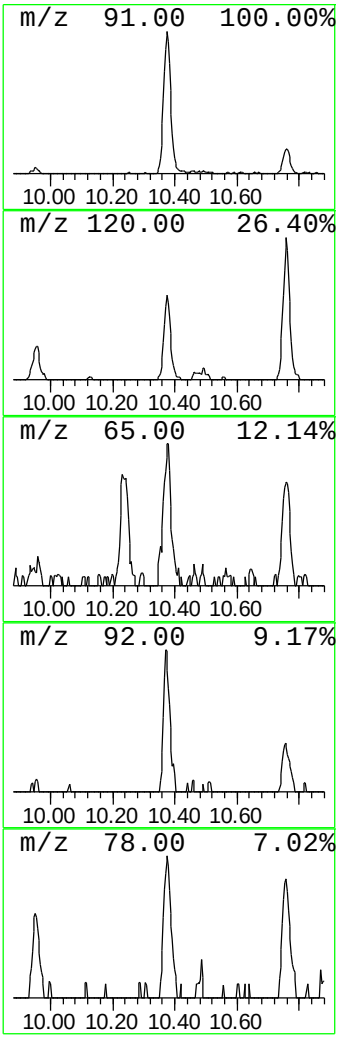
****

Peak Number 6 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.52 ug/L	56886	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

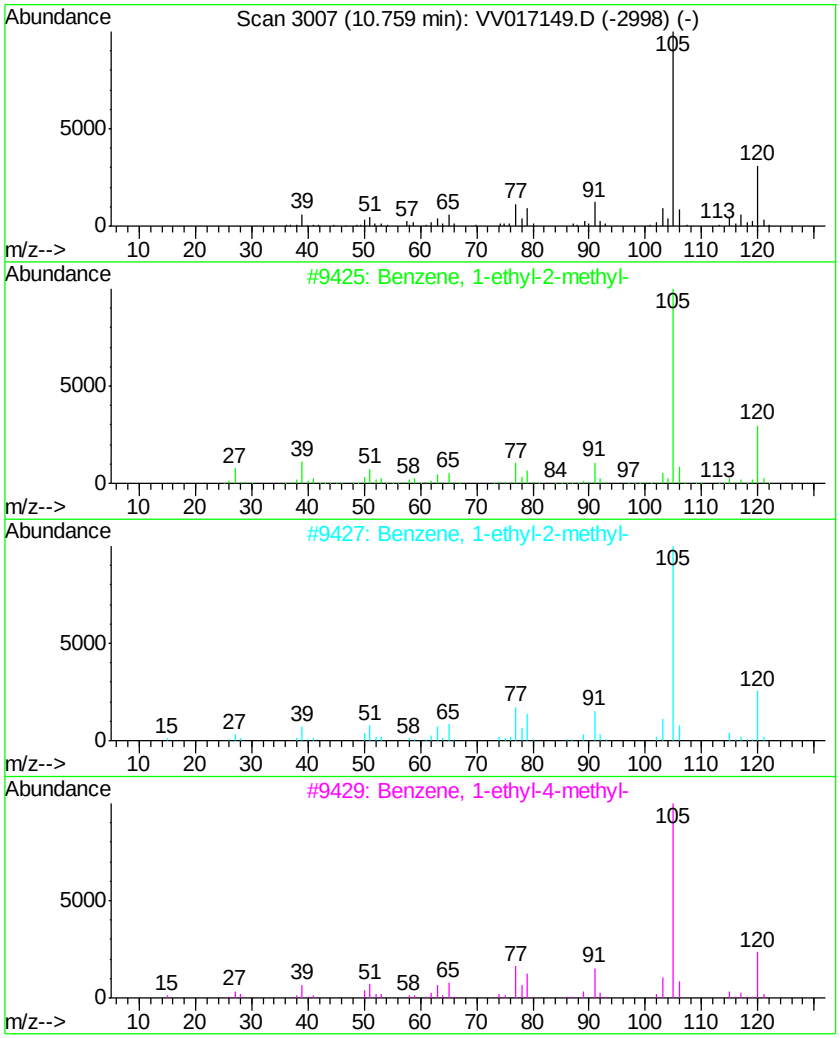
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

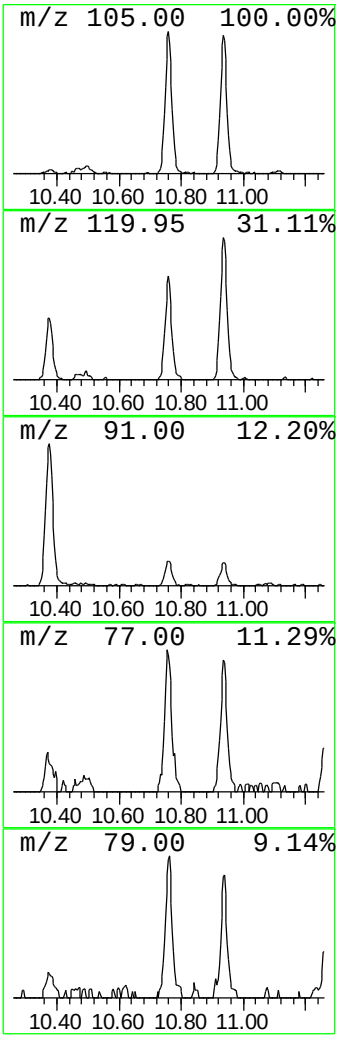
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	0.87 ug/L	94959	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

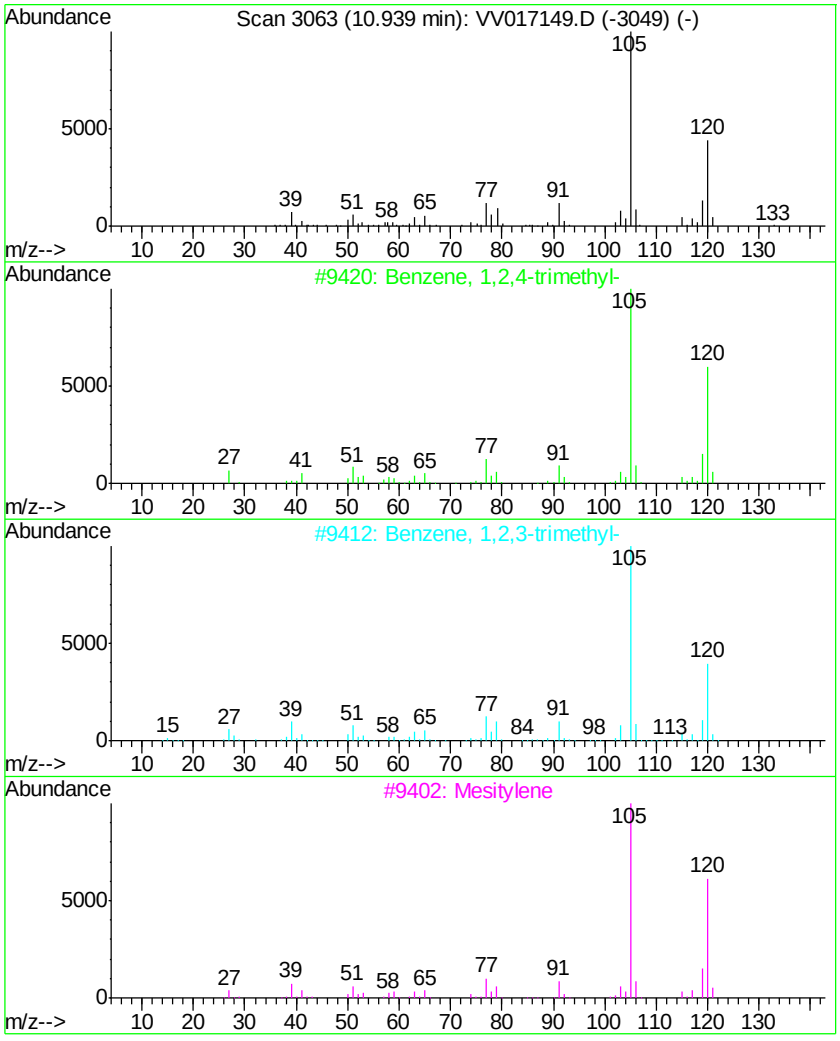
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

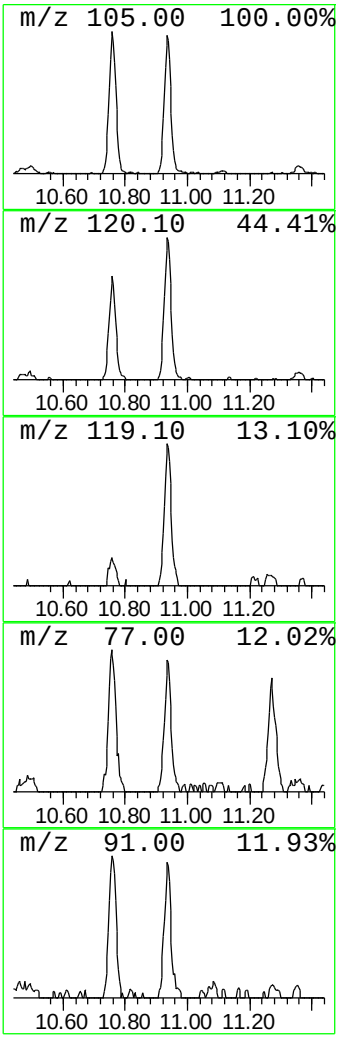
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	0.92 ug/L	99840	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

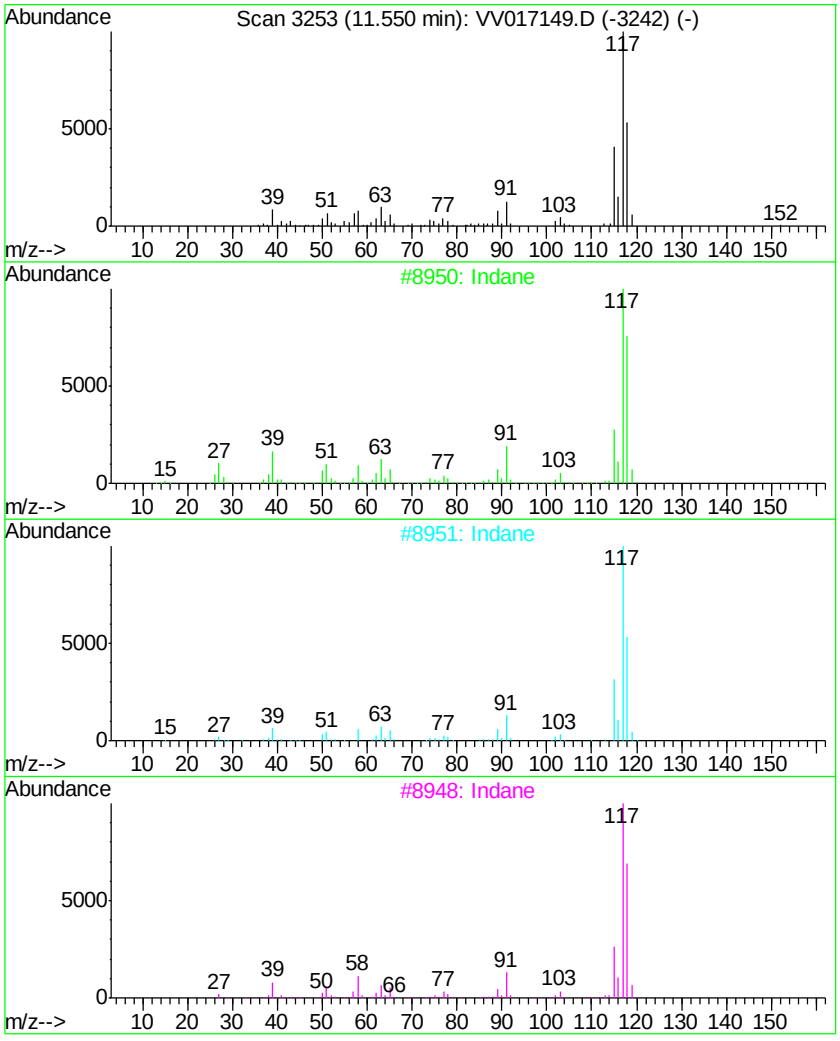
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

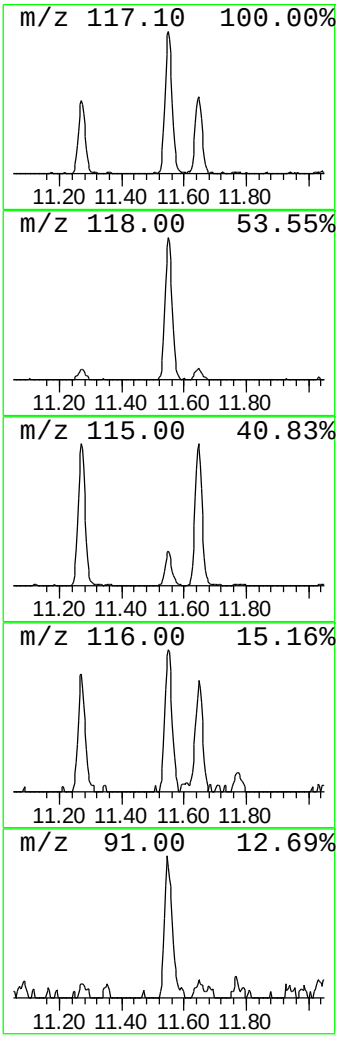
****

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	0.99 ug/L	108038	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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

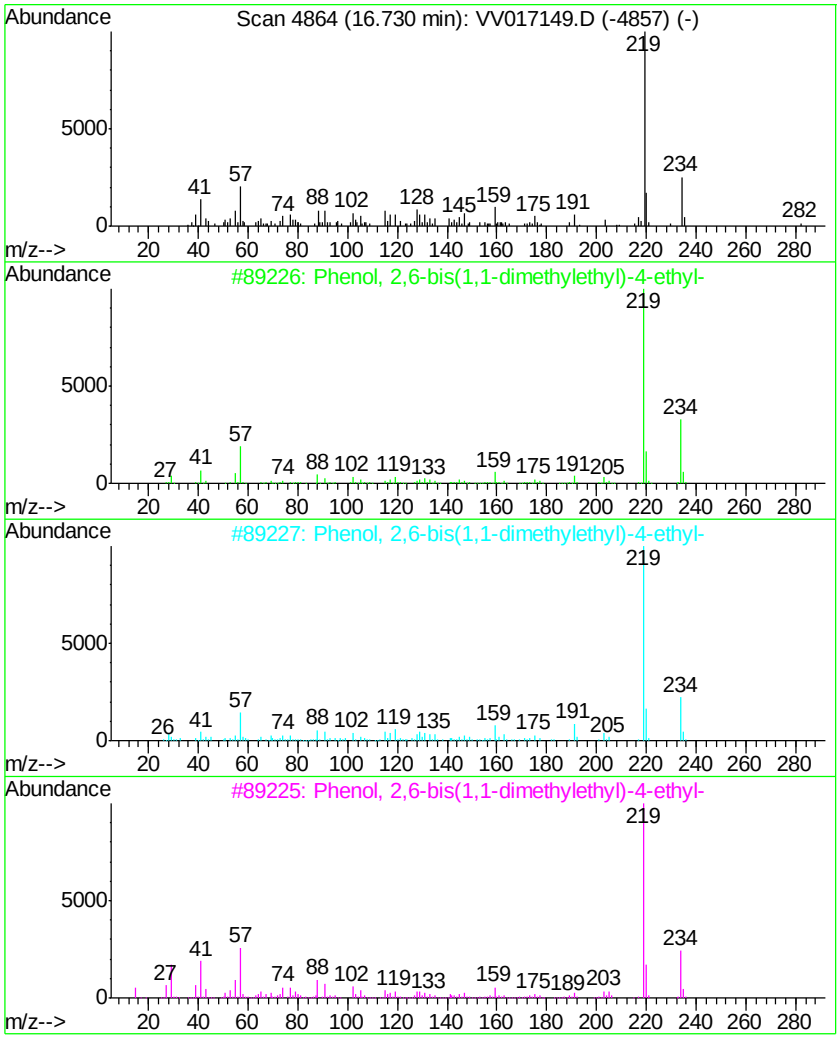
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

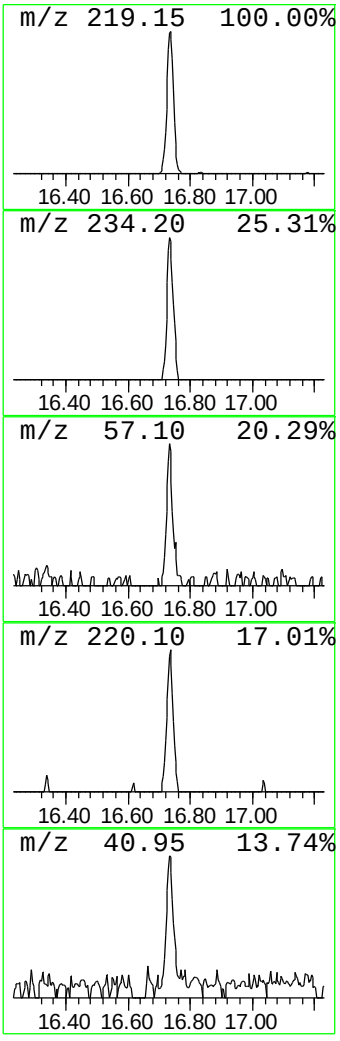
****

Peak Number 10 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	0.65 ug/L	70319	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	94
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017149.D
Acq On : 26 Jun 2020 00:47
Operator : SY/MD
Sample : L3106-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN9

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
(DEL) Alkane: Str...	2.51	0.7	ug/L	57262	1	5.64	402203	5.0
(DEL) Alkane: Str...	2.78	1.2	ug/L	95302	1	5.64	402203	5.0
(DEL) Alkane: Cyc...	3.78	0.6	ug/L	44428	1	5.64	402203	5.0
Ethyl Acetate	4.11	10.3	ug/L	829084	1	5.64	402203	5.0
Benzene, propyl-	10.38	0.5	ug/L	56886	3	11.27	544371	5.0
Benzene, 1-ethyl-...	10.76	0.9	ug/L	94959	3	11.27	544371	5.0
Benzene, 1,2,4-tr...	10.94	0.9	ug/L	99840	3	11.27	544371	5.0
Indane	11.55	1.0	ug/L	108038	3	11.27	544371	5.0
Phenol, 2,6-bis(1...	16.73	0.7	ug/L	70319	3	11.27	544371	5.0