LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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	12	rVB	19484	17425	2.10%	0.244%
2	1.316	63	70	83	rVB	87152	95691	11.55%	1.339%
3	1.579	144	152	166	rVB	67724	79571	9.60%	1.114%
4	2.126	310	322	335	rBV	130756	197356	23.82%	2.762%
5	2.515	430	443	457	rBV2	27419	57713	6.96%	0.808%
6	2.779	512	525	539	rBV2	49148	100781	12.16%	1.410%
7	3.209	643	659	677	rVB	68816	149162	18.00%	2.087%
8	3.788	825	839	852	rVB6	16982	43138	5.21%	0.604%
9	3.942	871	887	923	rBV2	60213	251533	30.35%	3.520%
10	4.110	923	939	969	rVB2	297336	828664	100.00%	11.597%
11	4.377	1007	1022	1045	rBV	106272	275767	33.28%	3.859%
12	4.634	1083	1102	1119	rBV2	152851	391762	47.28%	5.483%
13	5.071	1221	1238	1267	rBV3	235384	583127	70.37%	8.161%
14	5.640	1402	1415	1441	rBV	202179	416972	50.32%	5.835%
15	5.939	1500	1508	1517	rVB	4666	9338	1.13%	0.131%
16	6.093	1542	1556	1572	rBV	130906	267507	32.28%	3.744%
17	7.010	1828	1841	1859	rBV	65299	118468	14.30%	1.658%
18	7.338	1931	1943	1960	rBV	262931	455886	55.01%	6.380%
19	7.643	2029	2038	2052	rBV	38721	68106	8.22%	0.953%
20	8.113	2173	2184	2208	rBV	259658	459900	55.50%	6.436%
21	8.325	2244	2250	2262	rVB3	6644	12417	1.50%	0.174%
22	8.875	2409	2421	2442	rBV	305218	528399	63.77%	7.395%
23	9.035	2462	2471	2486	rBV	39265	63593	7.67%	0.890%
24	9.158	2504	2509	2520	rVB10	4605	8419	1.02%	0.118%
25	9.952	2745	2756	2765	rBV	17477	29357	3.54%	0.411%
26	10.238	2833	2845	2856	rBV	89100	143628	17.33%	2.010%
27	10.373	2876	2887	2900	rBV2	34336	56428	6.81%	0.790%
28	10.759	2998	3007	3020	rVB	55735	87030	10.50%	1.218%
29	10.936	3051	3062	3073	rBV	54176	84841	10.24%	1.187%
30	11.203	3137	3145	3155	rVV2	17410	27135	3.27%	0.380%
31	11.270	3155	3166	3187	rVV	315787	547506	66.07%	7.662%
32	11.550	3243	3253	3268	rBV	60527	100658	12.15%	1.409%
33	11.646	3270	3283	3300	rBV	287357	468916	56.59%	6.562%
34	12.492	3537	3546	3554	rBV7	6661	9207	1.11%	0.129%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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	3687	rVB9	9593	16782	2.03%	0.235%
36	13.286	3786	3793	3803	rBV9	6694	11849	1.43%	0.166%
37	16.733	4855	4865	4876	rVB3	52527	81517	9.84%	1.141%

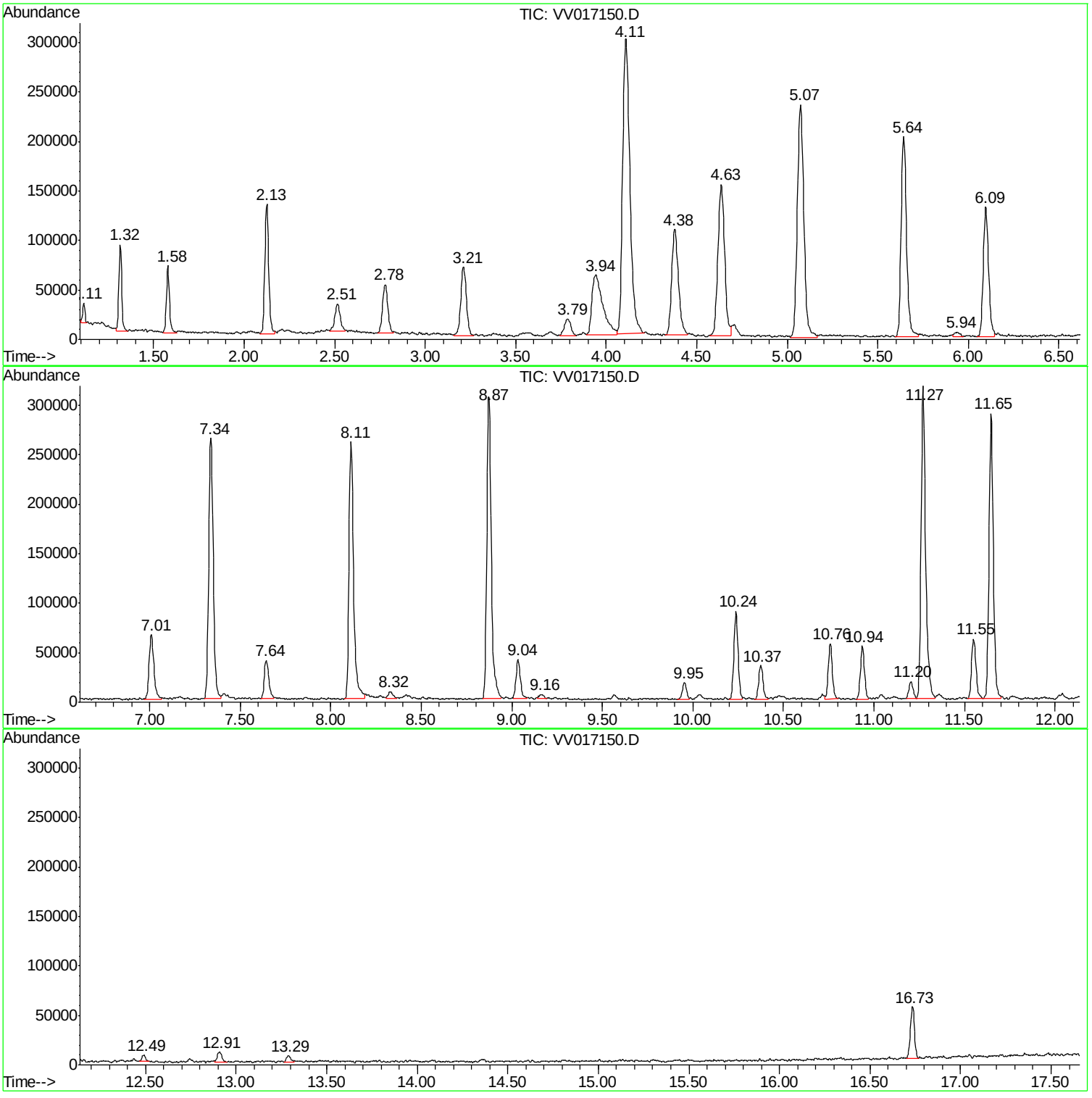
Sum of corrected areas: 7145549

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

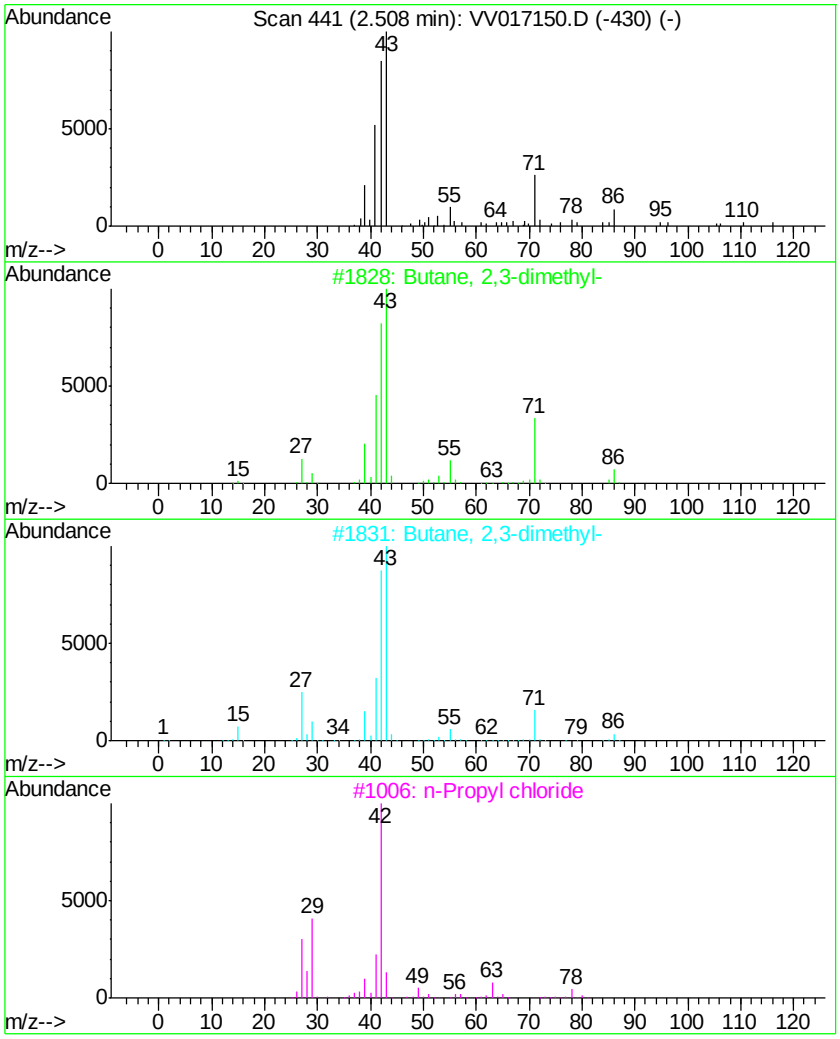
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

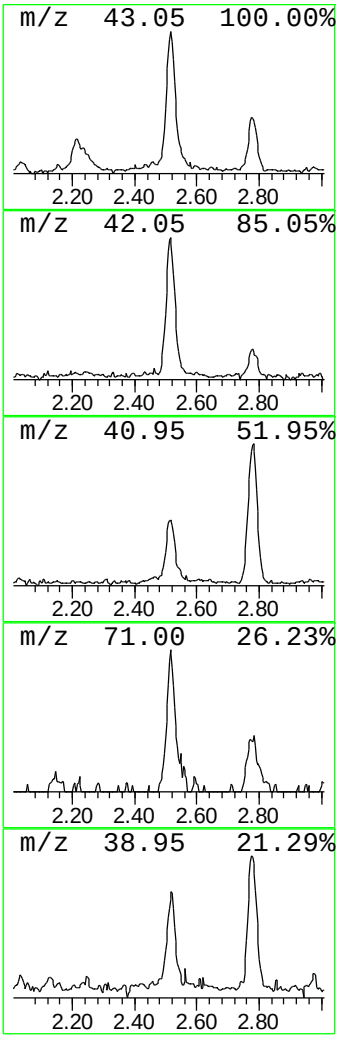
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	0.69 ug/L	57713	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	45
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

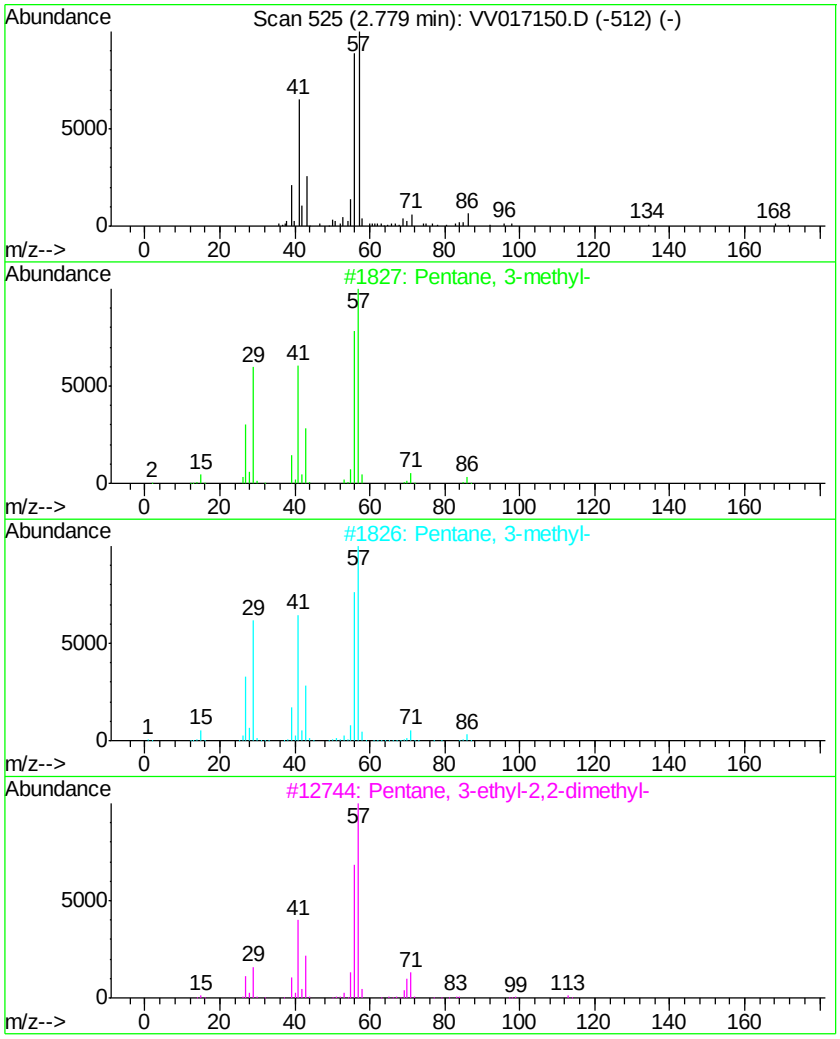
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

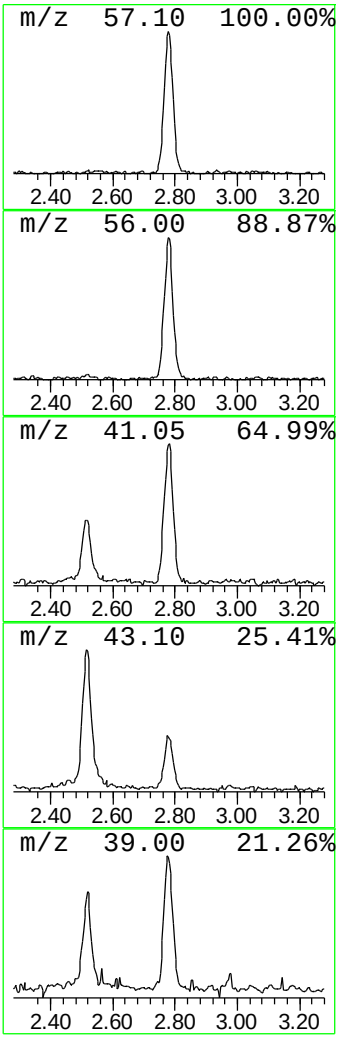
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	1.21 ug/L	100781	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-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

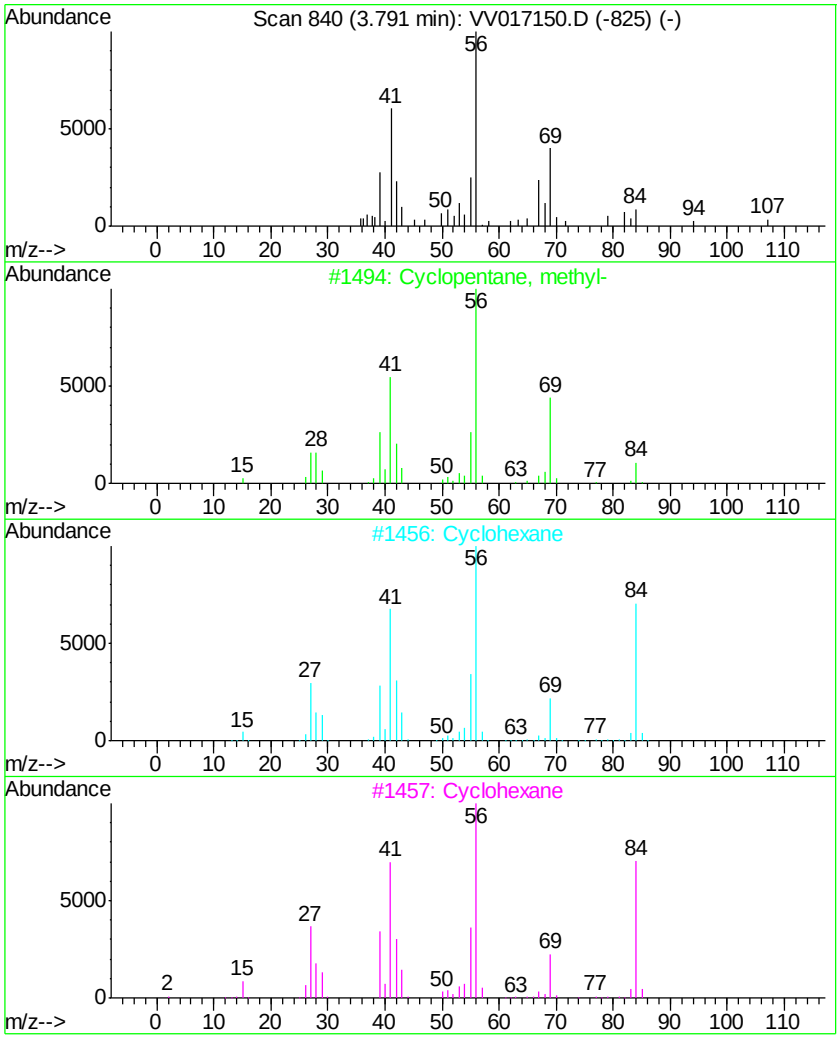
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

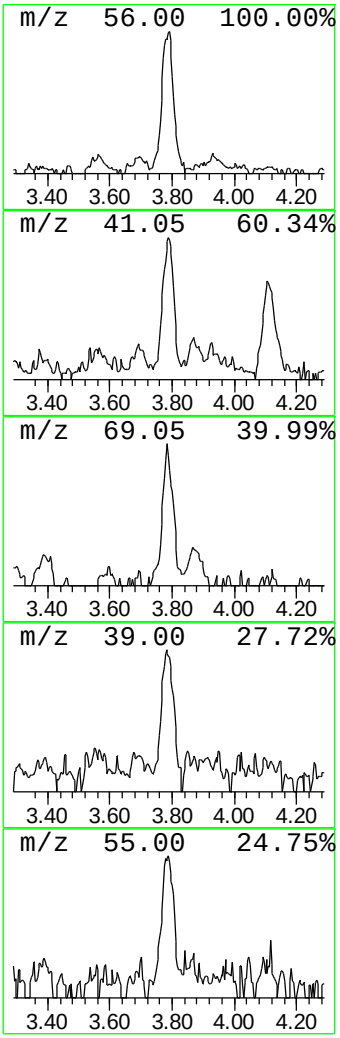
****

Peak Number 3 (DEL) Alkane: Cyclic3.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.52 ug/L	43138	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
2	Cyclohexane	84	C6H12	000110-82-7	53
3	Cyclohexane	84	C6H12	000110-82-7	53
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

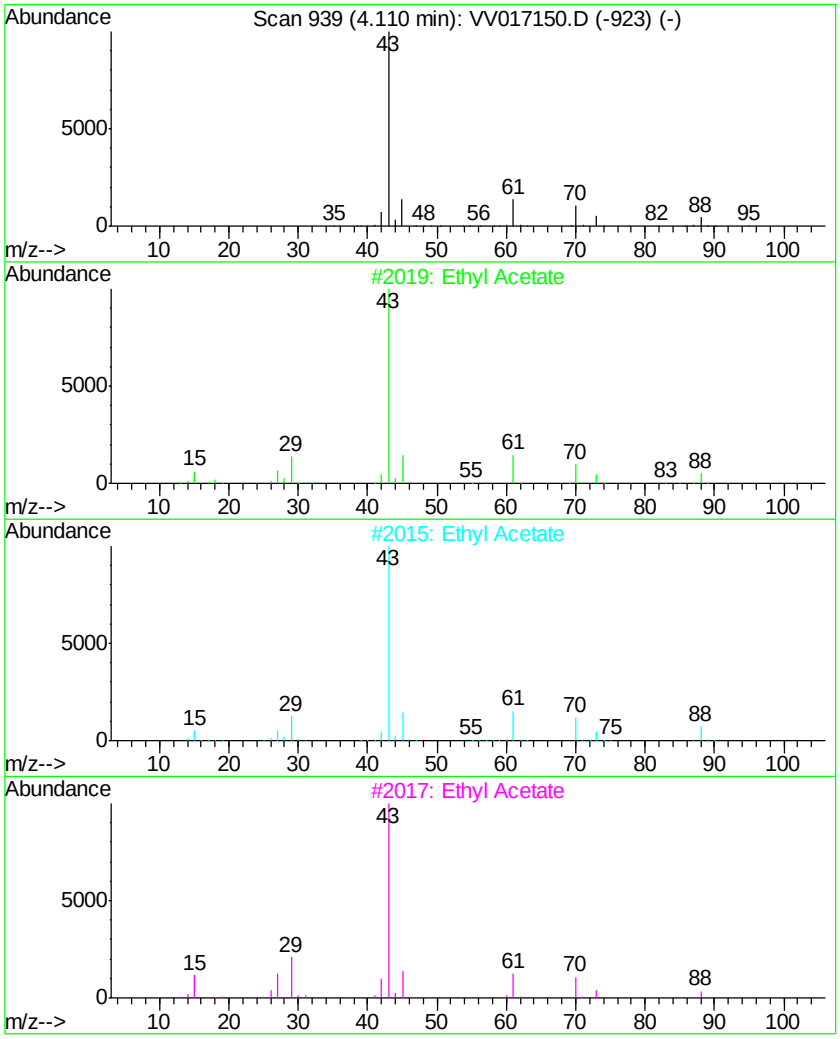
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

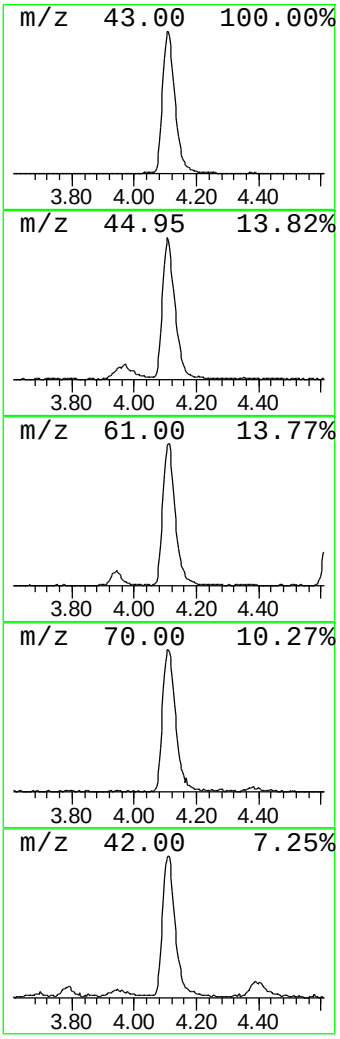
****

Peak Number 4 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	9.94 ug/L	828664	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
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	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

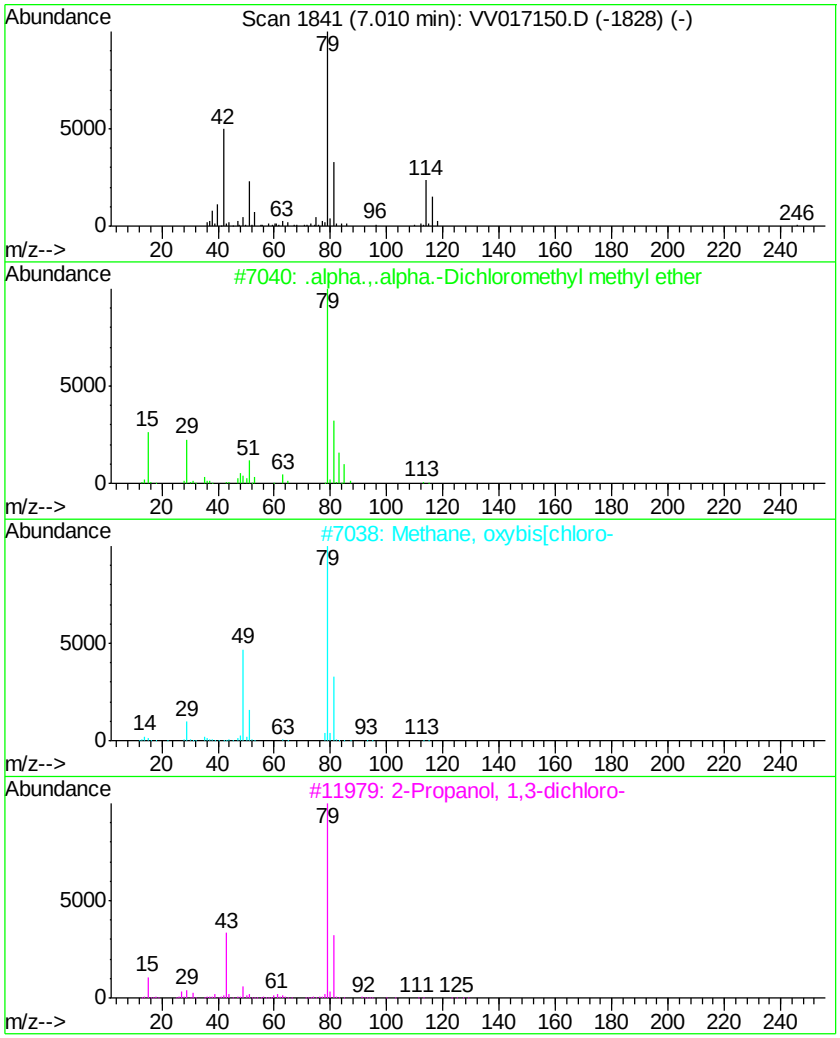
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

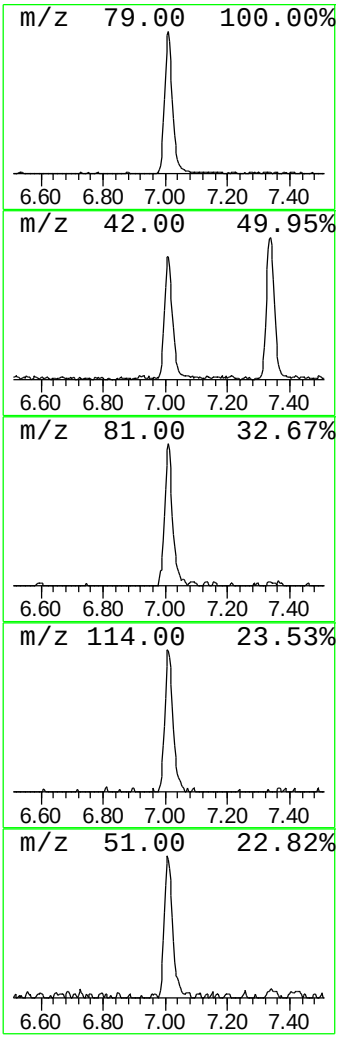
****

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	1.42 ug/L	118468	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	47
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

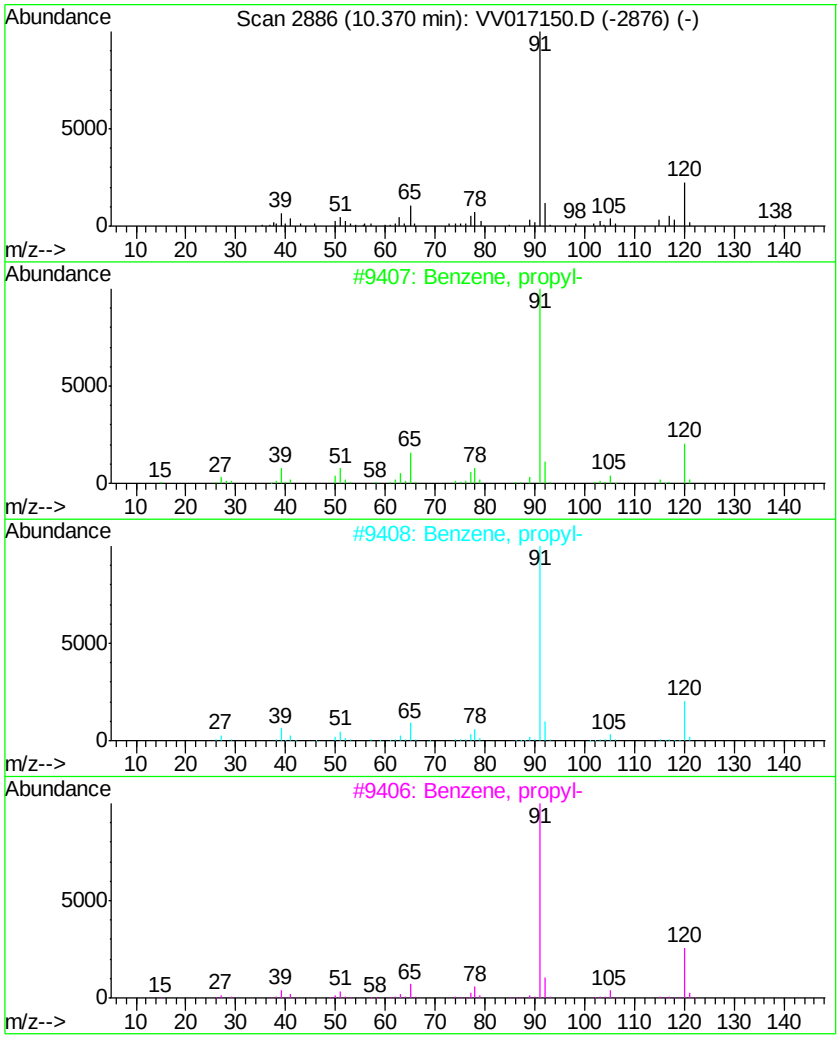
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

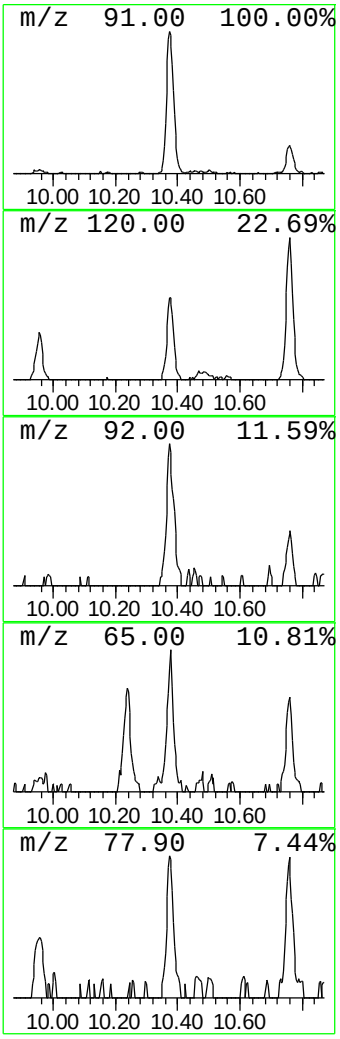
****

Peak Number 6 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	0.52 ug/L	56428	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	72
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

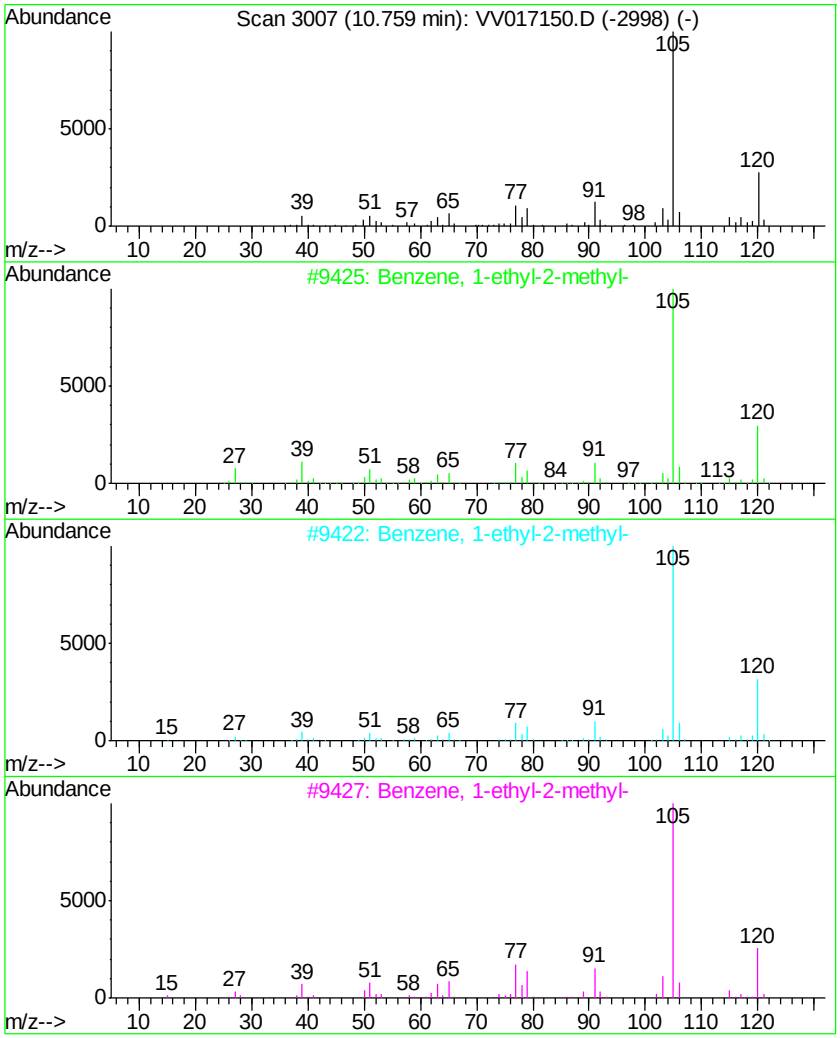
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

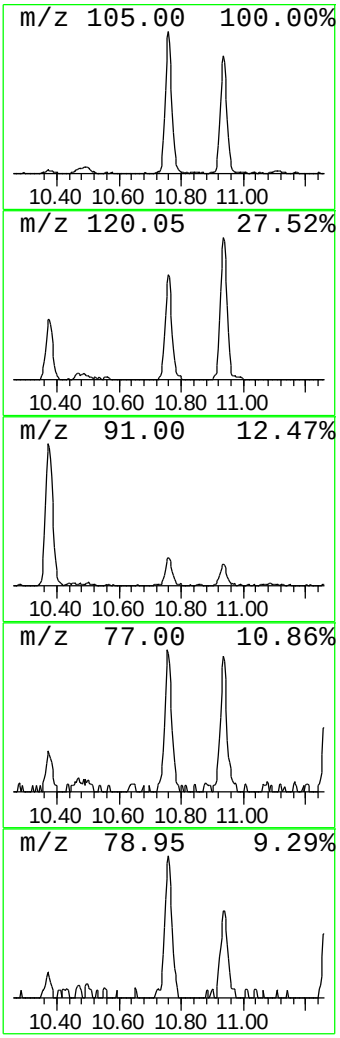
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	0.79 ug/L	87030	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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

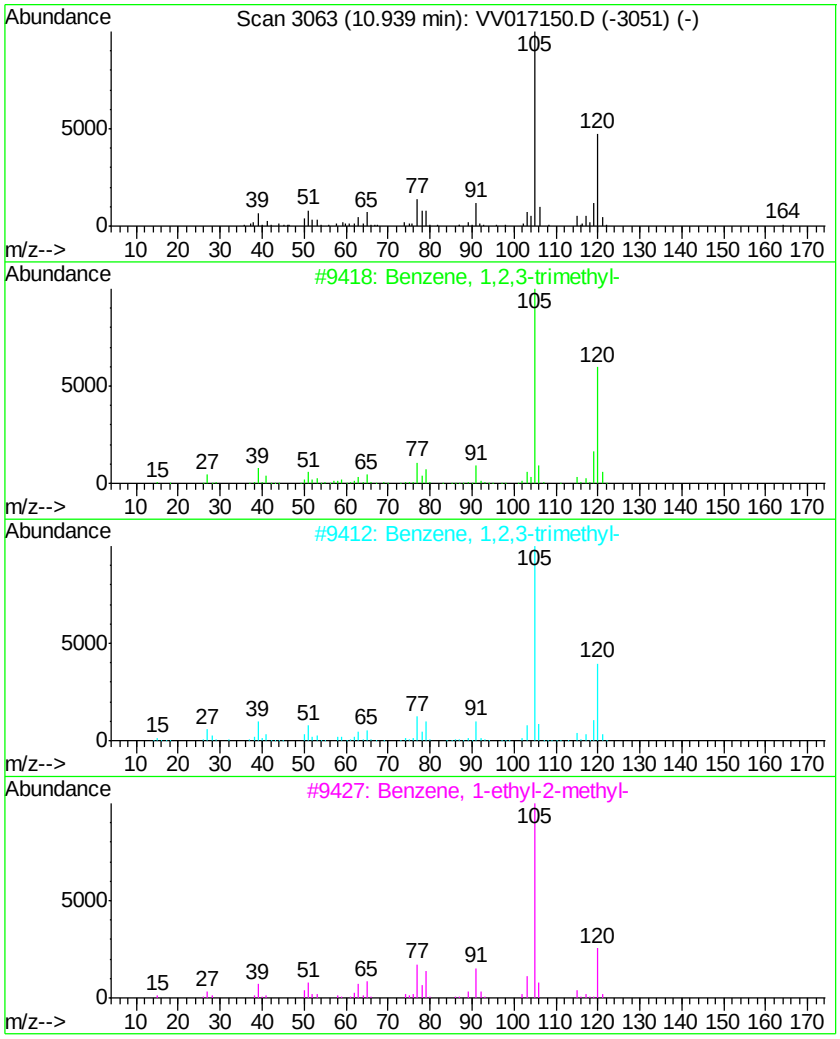
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

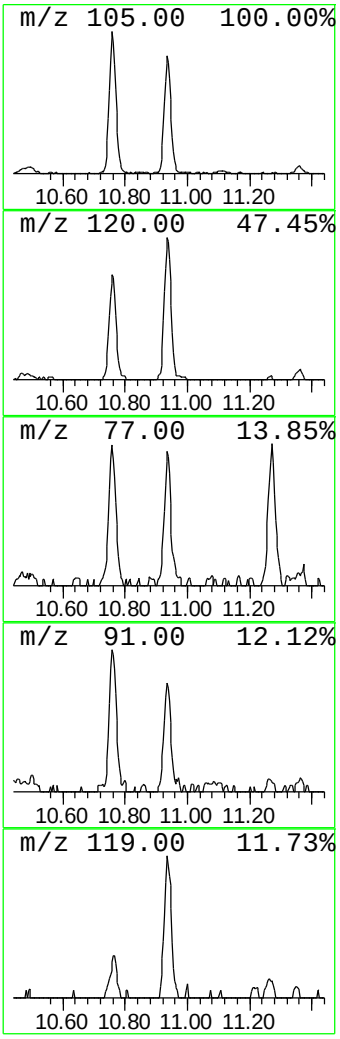
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	0.77 ug/L	84841	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

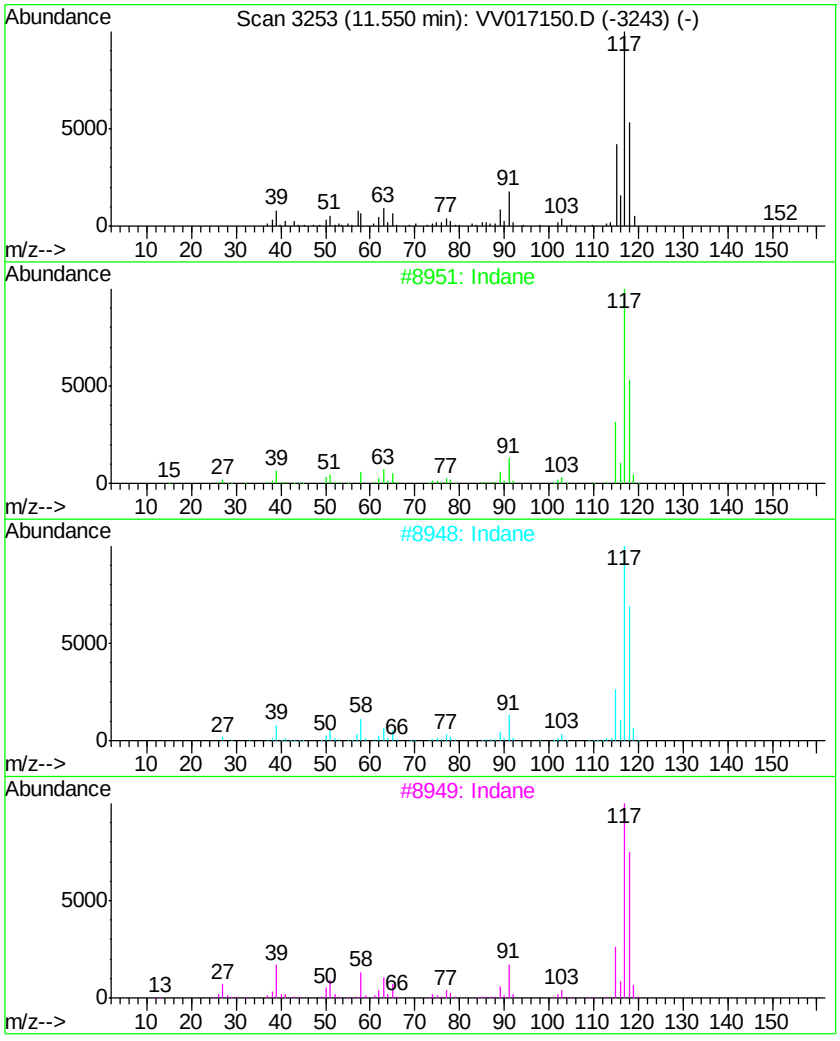
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

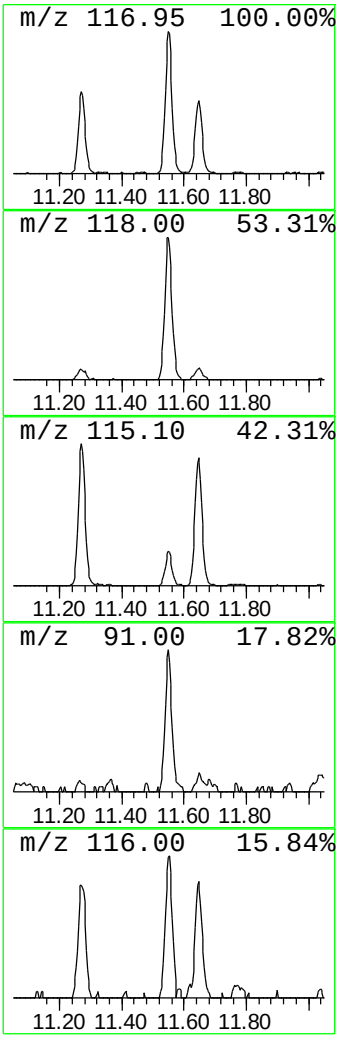
****

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	0.92 ug/L	100658	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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

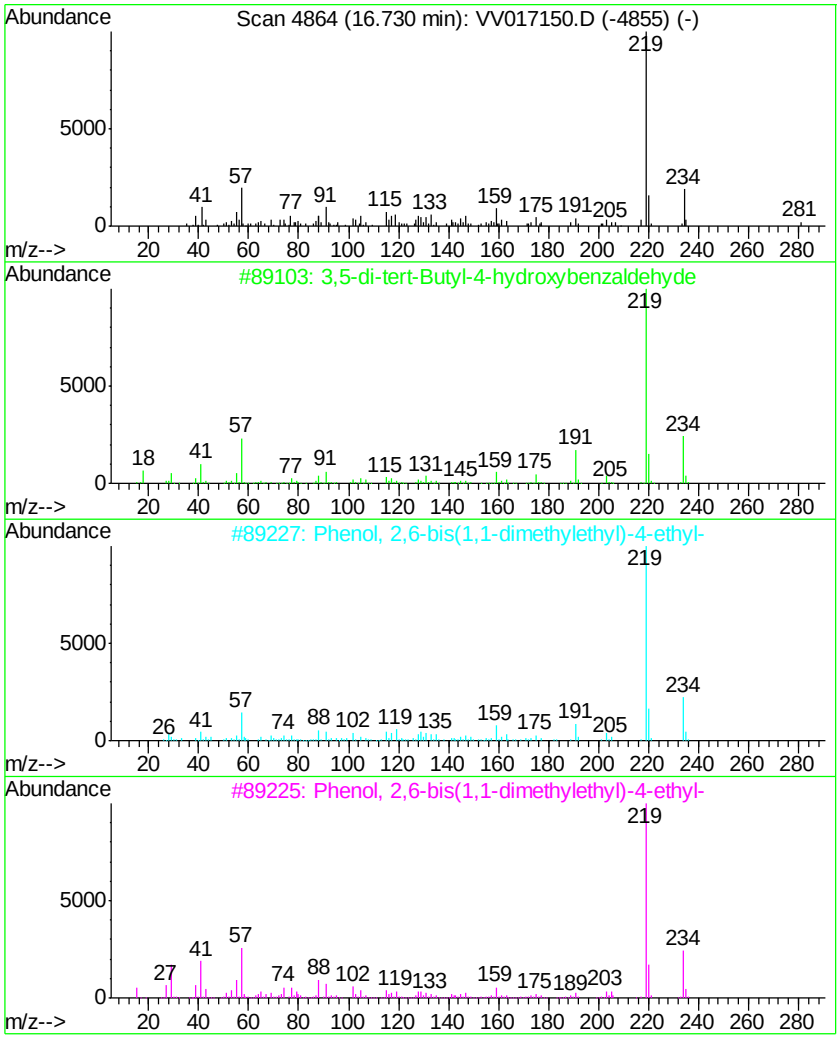
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

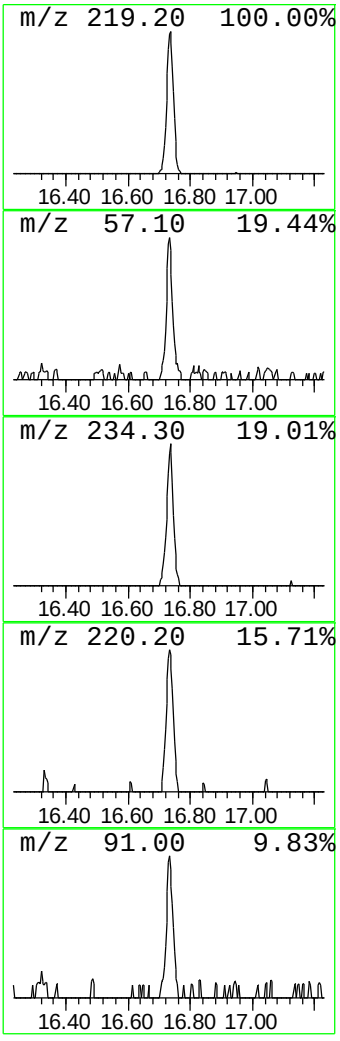
****

Peak Number 10 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	0.74 ug/L	81517	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017150.D
Acq On : 26 Jun 2020 01:11
Operator : SY/MD
Sample : L3106-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP0

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	57713	1	5.64	416972	5.0
(DEL) Alkane: Str...	2.78	1.2	ug/L	100781	1	5.64	416972	5.0
(DEL) Alkane: Cyc...	3.79	0.5	ug/L	43138	1	5.64	416972	5.0
Ethyl Acetate	4.11	9.9	ug/L	828664	1	5.64	416972	5.0
unknown-01	7.01	1.4	ug/L	118468	1	5.64	416972	5.0
Benzene, propyl-	10.37	0.5	ug/L	56428	3	11.27	547506	5.0
Benzene, 1-ethyl-...	10.76	0.8	ug/L	87030	3	11.27	547506	5.0
Benzene, 1,2,3-tr...	10.94	0.8	ug/L	84841	3	11.27	547506	5.0
Indane	11.55	0.9	ug/L	100658	3	11.27	547506	5.0
3,5-di-tert-Butyl...	16.73	0.7	ug/L	81517	3	11.27	547506	5.0