LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

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\SOMVTR080918WMA.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	1.029	27	43	69	rBV	4679193	5710424	100.00%	22.958%
2	1.318	123	133	143	rBV2	154071	185411	3.25%	0.745%
3	1.582	208	215	225	rVB	99719	114193	2.00%	0.459%
4	1.974	329	337	351	rVB2	43834	67072	1.17%	0.270%
5	2.131	377	386	398	rBV	193676	270399	4.74%	1.087%
6	2.787	579	590	607	rVB2	82755	160476	2.81%	0.645%
7	3.231	717	728	741	rVB2	45453	101237	1.77%	0.407%
8	3.807	891	907	926	rVB2	34163	88804	1.56%	0.357%
9	3.971	933	958	975	rBV3	168452	488919	8.56%	1.966%
10	4.408	1076	1094	1130	rVB2	153704	459449	8.05%	1.847%
11	4.720	1177	1191	1204	rBV5	34595	87701	1.54%	0.353%
12	4.810	1204	1219	1239	rVB3	77145	192055	3.36%	0.772%
13	4.951	1248	1263	1270	rBV3	24770	57510	1.01%	0.231%
14	5.099	1291	1309	1317	rBV2	362058	835811	14.64%	3.360%
15	5.151	1317	1325	1340	rVV	509777	1107001	19.39%	4.451%
16	5.225	1342	1348	1360	rVV4	52447	114760	2.01%	0.461%
17	5.668	1471	1486	1515	rBV2	296561	588803	10.31%	2.367%
18	5.925	1551	1566	1573	rBV2	50696	118540	2.08%	0.477%
19	6.125	1615	1628	1654	rVB	205360	474516	8.31%	1.908%
20	7.035	1897	1911	1925	rBV	88010	160777	2.82%	0.646%
21	7.363	2001	2013	2026	rVV	332166	577527	10.11%	2.322%
22	7.437	2026	2036	2047	rVB	63104	106743	1.87%	0.429%
23	7.671	2094	2109	2130	rBV2	50137	118242	2.07%	0.475%
24	8.150	2239	2258	2291	rBV4	357098	941802	16.49%	3.786%
25	8.903	2478	2492	2494	rBV	438970	591998	10.37%	2.380%
26	8.929	2495	2500	2528	rVB	765980	1243052	21.77%	4.998%
27	9.060	2529	2541	2551	rBV	538755	841327	14.73%	3.383%
28	9.186	2567	2580	2599	rBV	887181	1479579	25.91%	5.949%
29	9.282	2600	2610	2630	rVB2	93329	180090	3.15%	0.724%
30	9.591	2695	2706	2724	rVB	267851	429293	7.52%	1.726%
31	9.980	2813	2827	2837	rBV	99466	161944	2.84%	0.651%
32	10.054	2839	2850	2866	rVV	271925	444573	7.79%	1.787%
33	10.266	2902	2916	2932	rBV	162696	279123	4.89%	1.122%
34	10.398	2944	2957	2975	rBV2	298467	605842	10.61%	2.436%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

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\SOMVTR080918WMA.M
Title : TRACE VOA SOM01.0

35	10.498	2979	2988	2992	rBV2	38864	60042	1.05%	0.241%
36	10.588	3007	3016	3027	rVB	40235	62451	1.09%	0.251%
37	10.787	3070	3078	3087	rVB	86089	124266	2.18%	0.500%
38	10.964	3111	3133	3152	rBV	145494	256059	4.48%	1.029%
39	11.301	3226	3238	3256	rBV	405551	750386	13.14%	3.017%
40	11.388	3257	3265	3274	rVV	63602	97142	1.70%	0.391%
41	11.446	3274	3283	3294	rVB	76693	117224	2.05%	0.471%
42	11.581	3307	3325	3338	rBV2	275985	542296	9.50%	2.180%
43	11.691	3345	3359	3382	rVB2	693125	1588285	27.81%	6.386%
44	12.041	3458	3468	3482	rBV2	226111	409930	7.18%	1.648%
45	12.166	3499	3507	3521	rBV2	38955	80786	1.41%	0.325%
46	12.308	3542	3551	3562	rVB2	82394	124646	2.18%	0.501%
47	12.465	3581	3600	3608	rBV	57033	100723	1.76%	0.405%
48	12.517	3609	3616	3630	rVB3	39069	70797	1.24%	0.285%
49	12.777	3687	3697	3709	rVB2	52443	84835	1.49%	0.341%
50	12.938	3727	3747	3761	rBV2	137319	241513	4.23%	0.971%
51	13.099	3787	3797	3809	rVB4	64213	109514	1.92%	0.440%
52	13.330	3857	3869	3878	rBV3	91634	163718	2.87%	0.658%
53	13.498	3912	3921	3931	rVB5	52754	92154	1.61%	0.370%
54	13.559	3931	3940	3960	rVB	39891	71885	1.26%	0.289%
55	14.044	4081	4091	4104	rVB3	29506	58187	1.02%	0.234%
56	14.288	4159	4167	4181	rVB	33408	57449	1.01%	0.231%
57	15.562	4549	4563	4575	rBV	139372	223608	3.92%	0.899%

Sum of corrected areas: 24872889

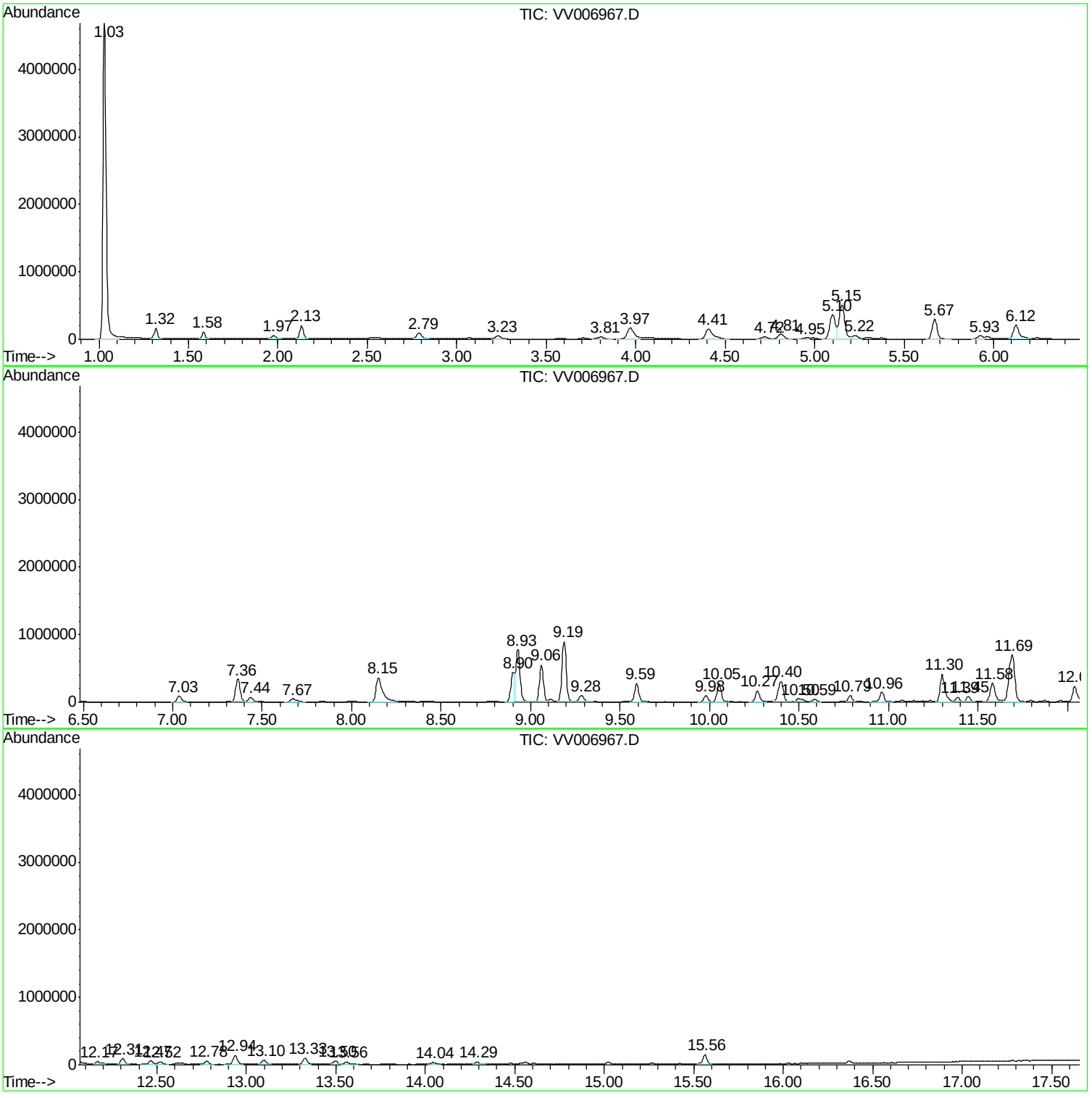
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.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\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

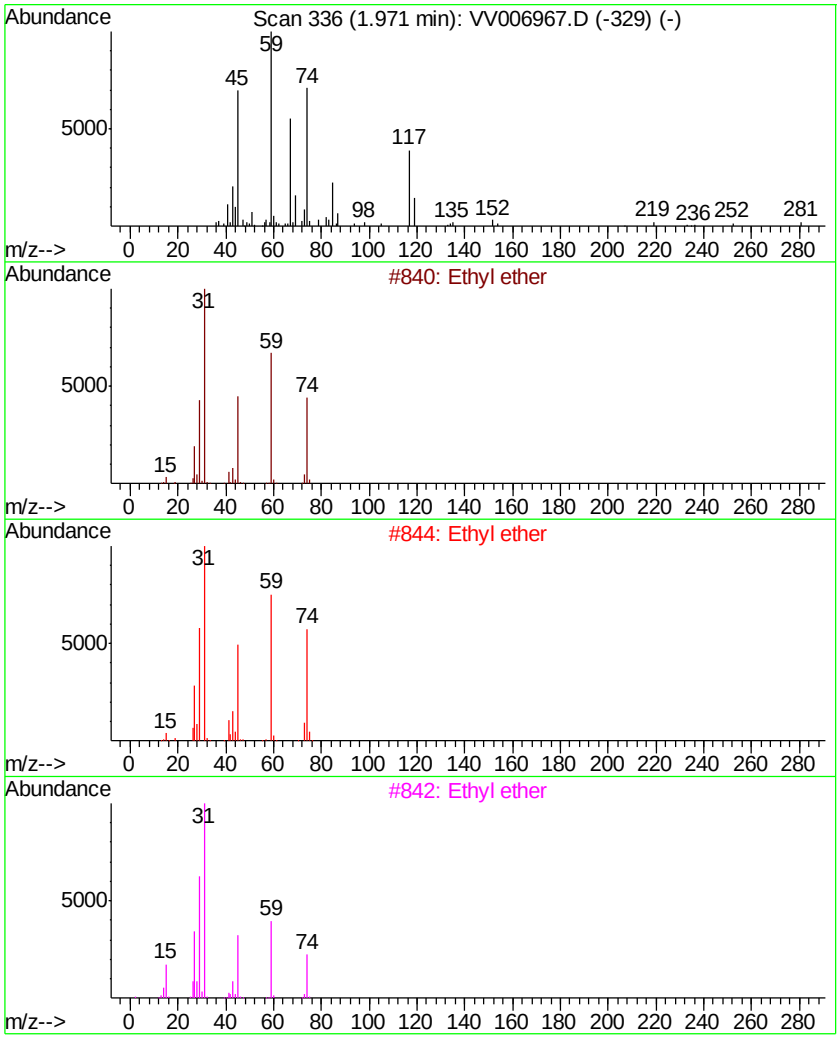
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

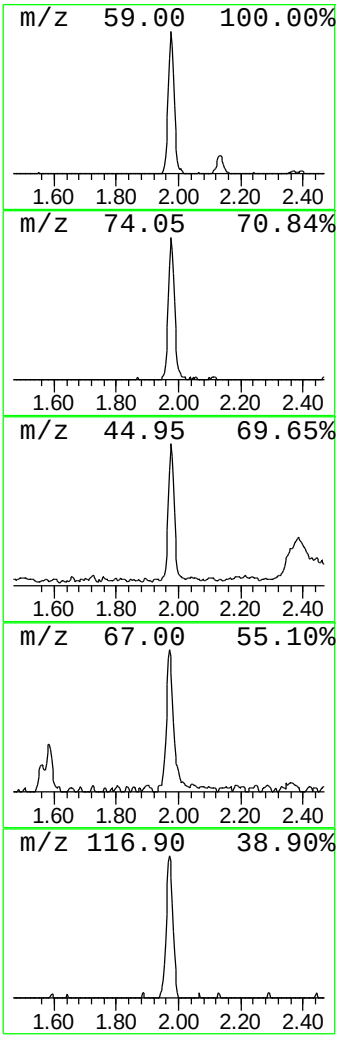
****

Peak Number 2 Ethyl ether Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.97	0.57 ug/L	67072	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	52
2	Ethyl ether	74	C4H10O	000060-29-7	52
3	Ethyl ether	74	C4H10O	000060-29-7	50
4	Ethyl ether	74	C4H10O	000060-29-7	50
5	Ethyl ether	74	C4H10O	000060-29-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

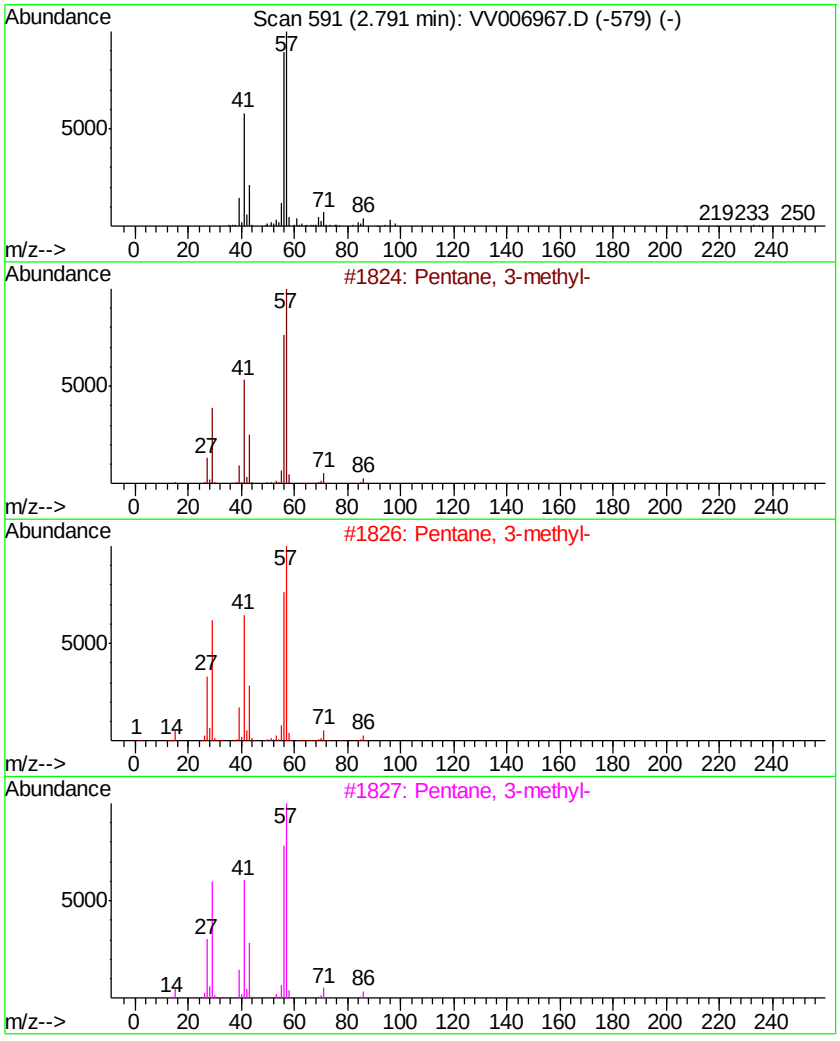
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

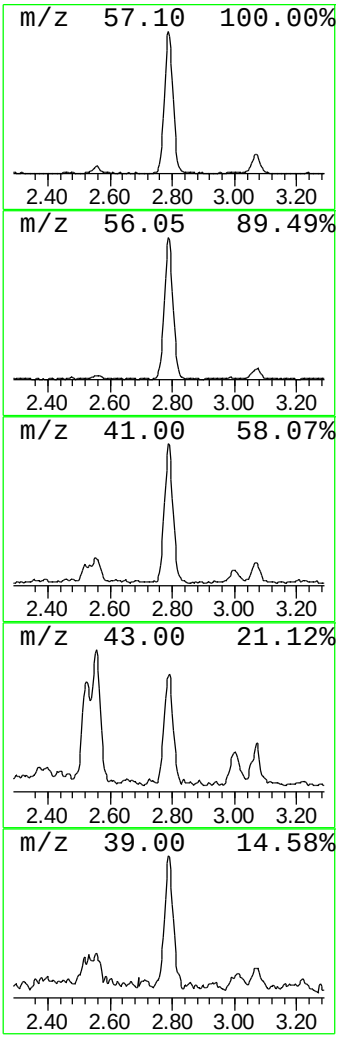
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	1.36 ug/L	160476	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	74
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	74
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4	Nonane, 2,2,3-trimethyl-	170	C12H26	055499-04-2	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

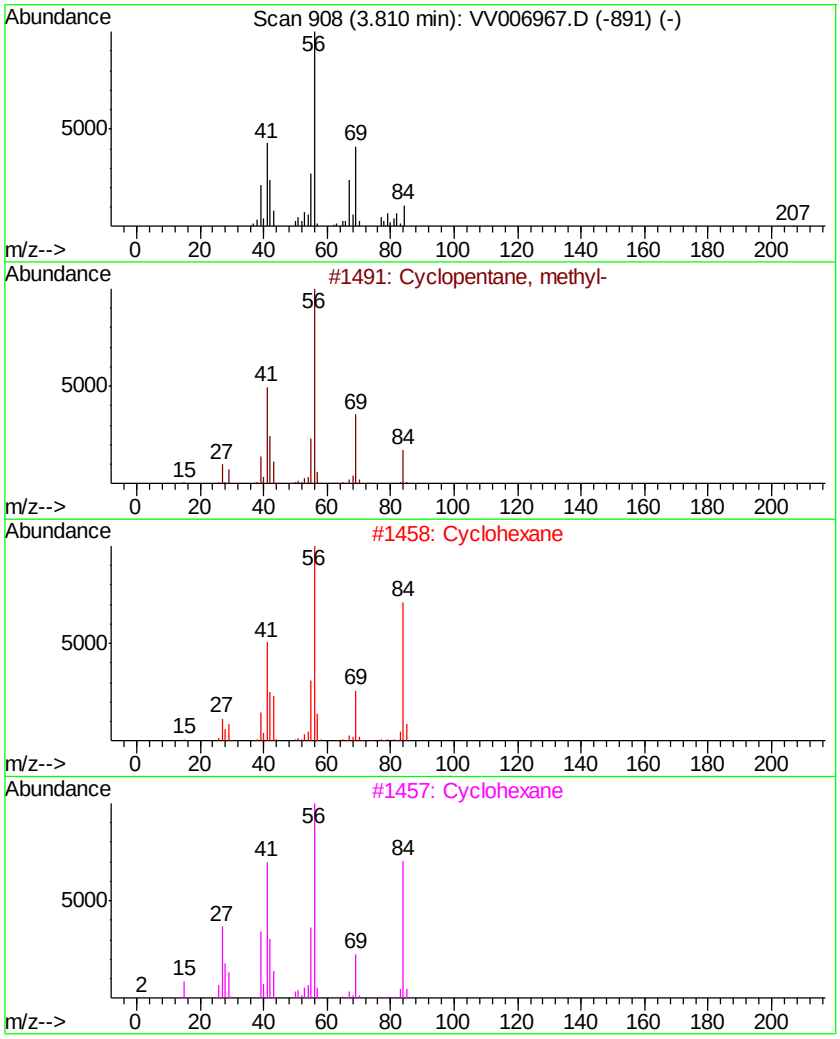
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

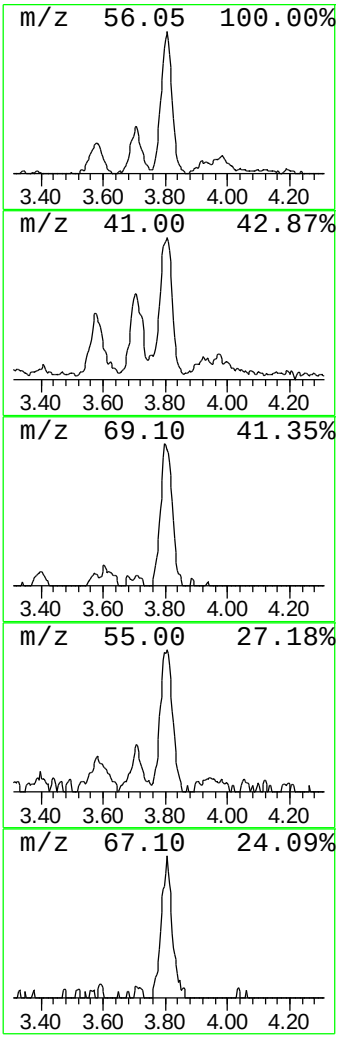
****

Peak Number 4 (DEL) Alkane: Cyclic3.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	0.75 ug/L	88804	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
2	Cyclohexane	84	C6H12	000110-82-7	59
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

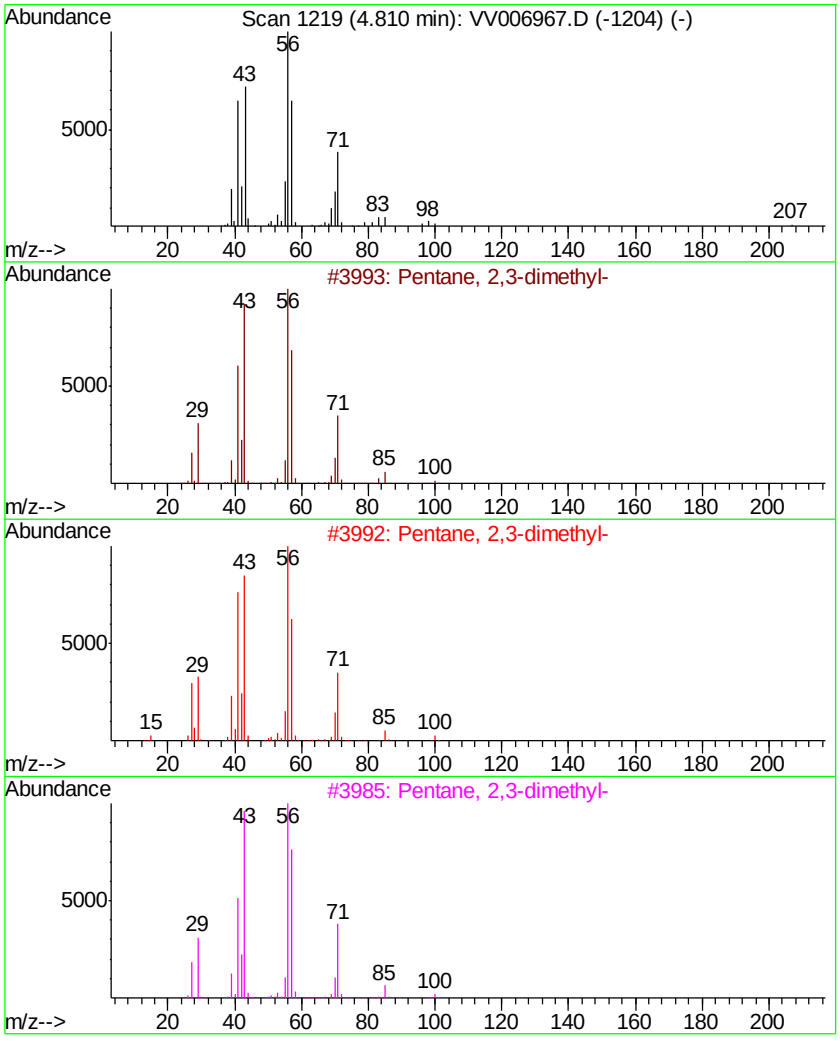
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

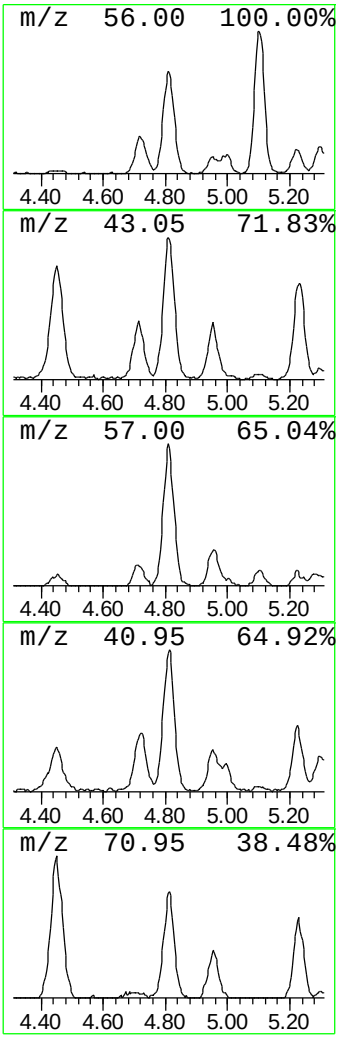
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	1.63 ug/L	192055	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

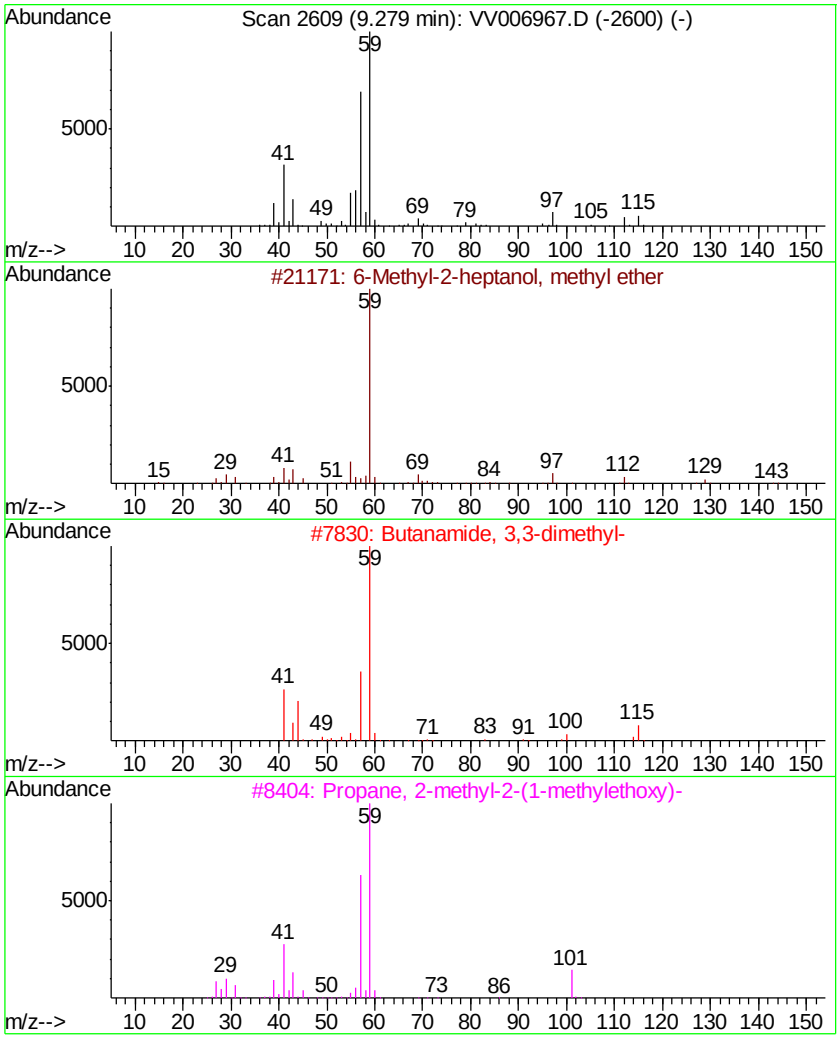
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

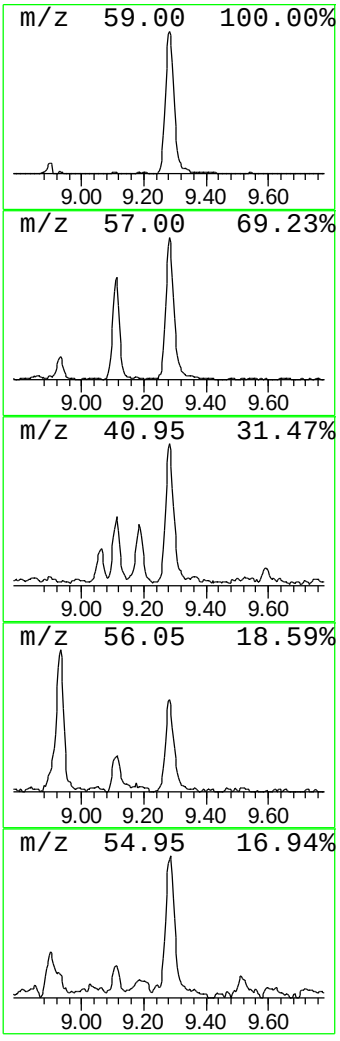
****

Peak Number 7 6-Methyl-2-heptanol, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	1.52 ug/L	180090	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	64
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	59
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	45
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	43
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

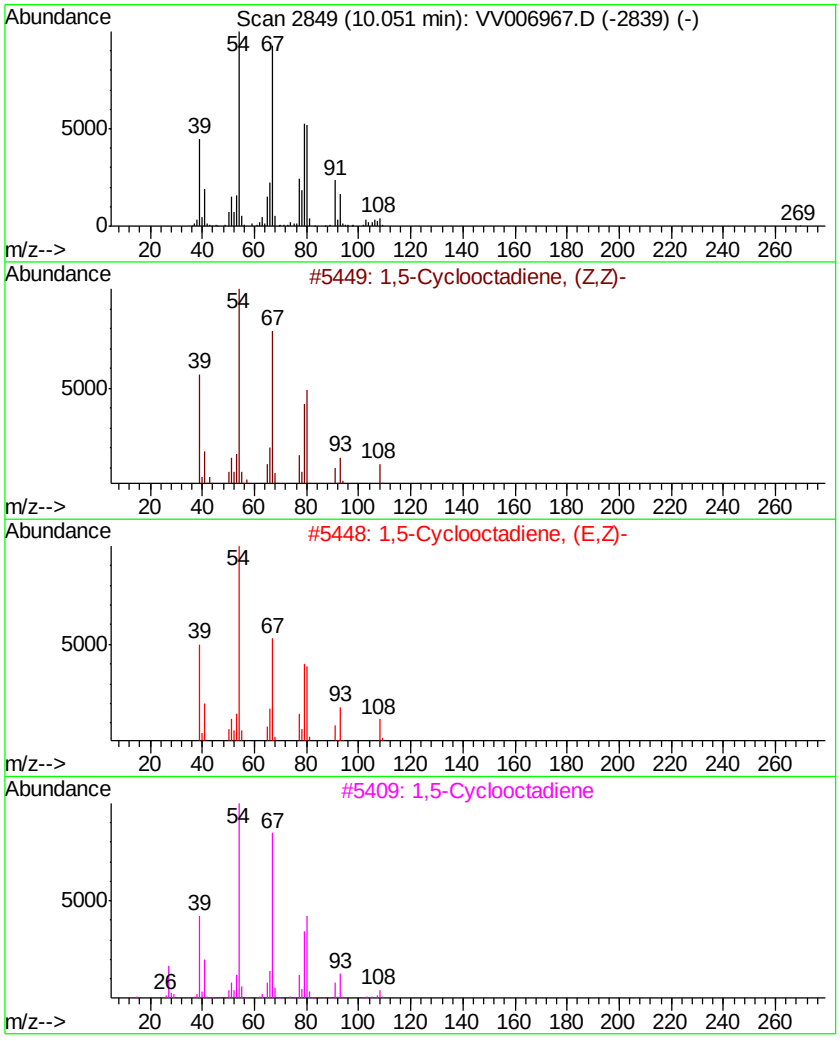
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

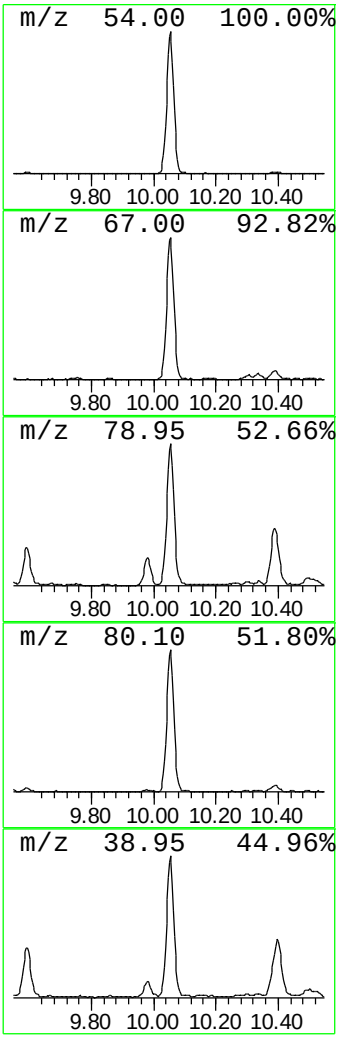
****

Peak Number 8 1,5-Cyclooctadiene, (Z,Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.75 ug/L	444573	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	83
2	1,5-Cyclooctadiene, (E,Z)-	108	C8H12	005259-71-2	83
3	1,5-Cyclooctadiene	108	C8H12	000111-78-4	81
4	Platinum, bis[(1,2,5,6-.eta.)-1,...	411	C16H24Pt	012130-66-4	80
5	1,5-Cyclooctadiene	108	C8H12	000111-78-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

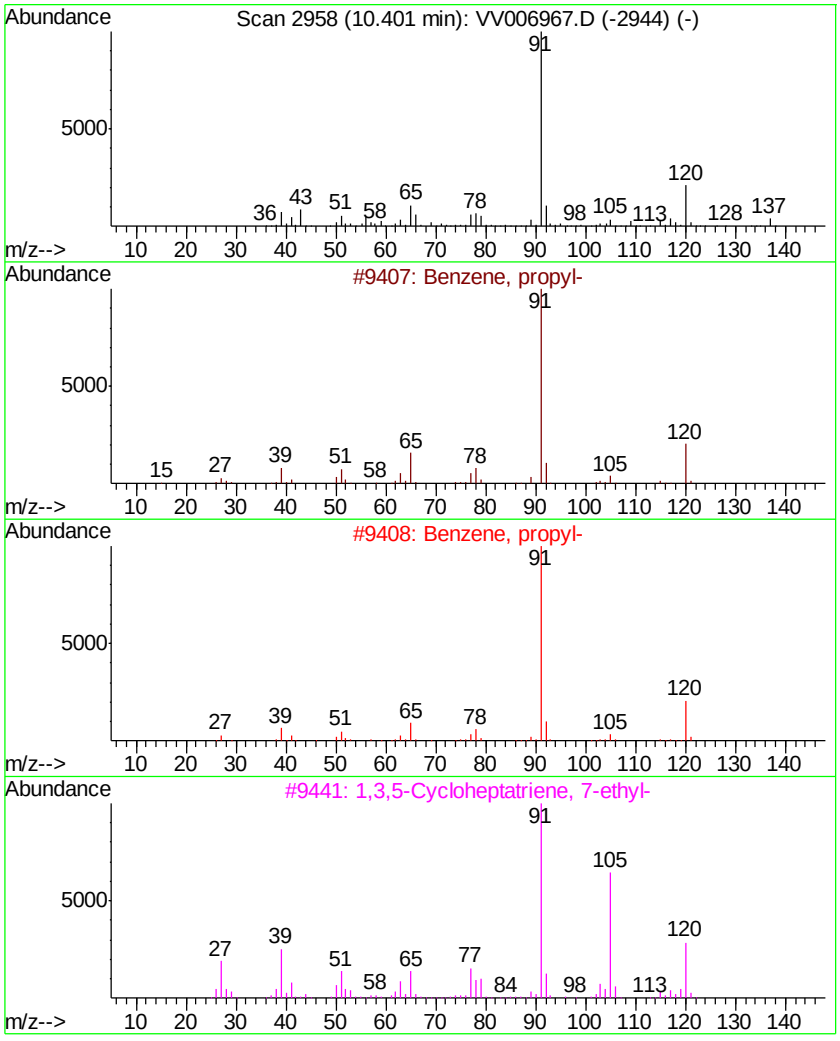
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

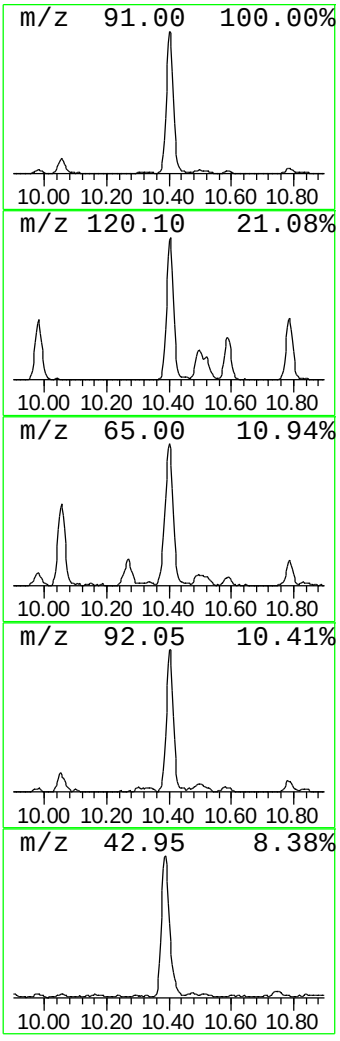
****

Peak Number 9 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.04 ug/L	605842	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	92
2	Benzene, propyl-	120	C9H12	000103-65-1	70
3	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	64
4	Benzene, propyl-	120	C9H12	000103-65-1	58
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

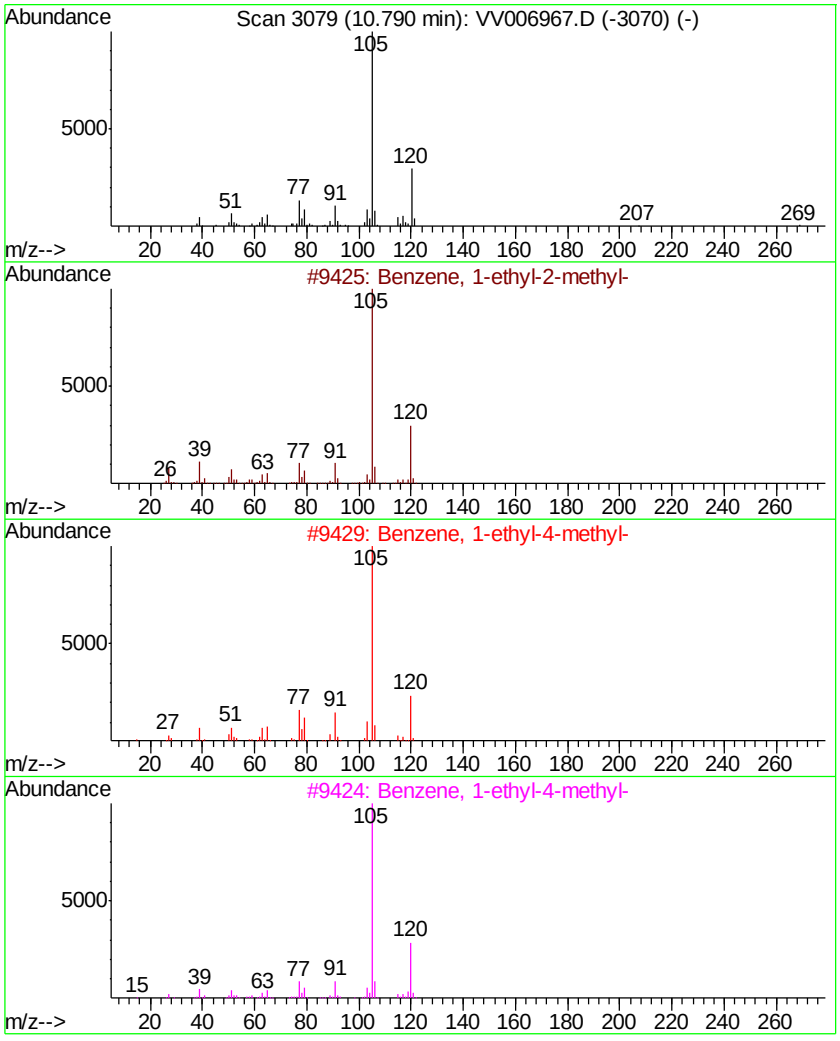
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

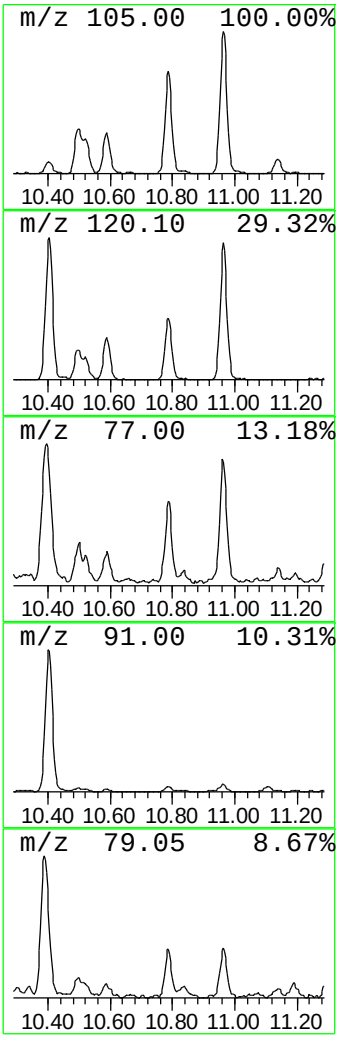
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	0.83 ug/L	124266	1,4-Dichlorobenzene-d4	11.30

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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

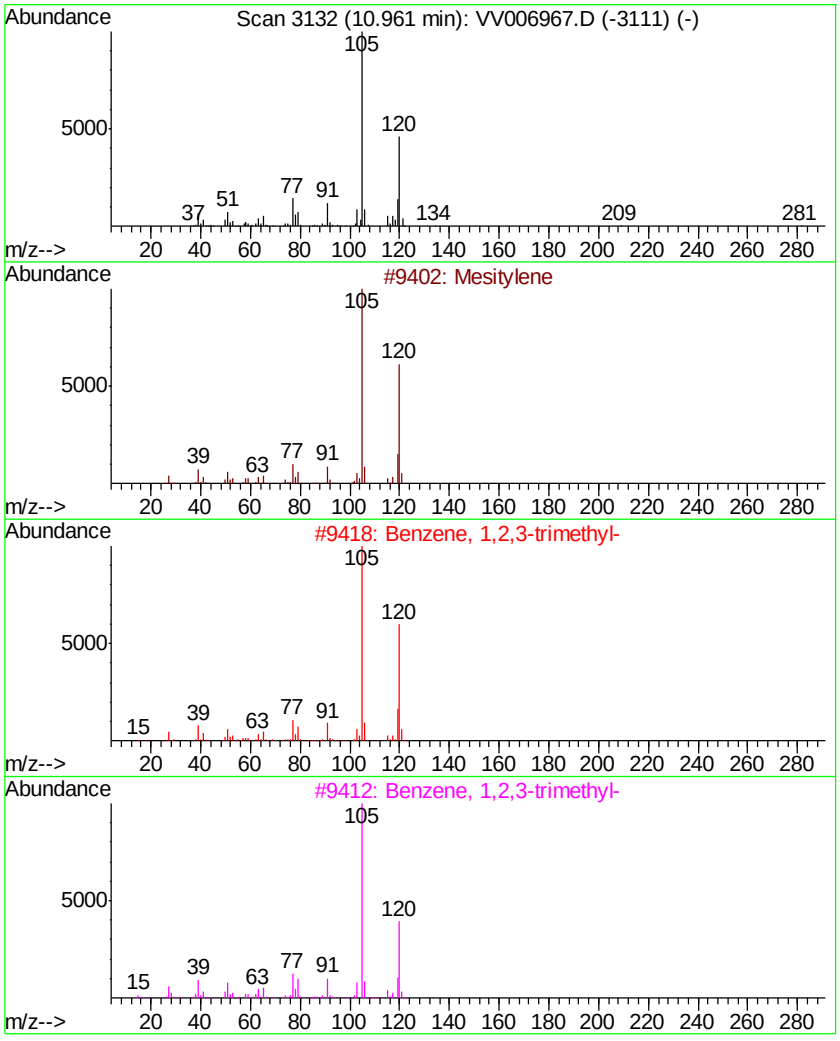
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

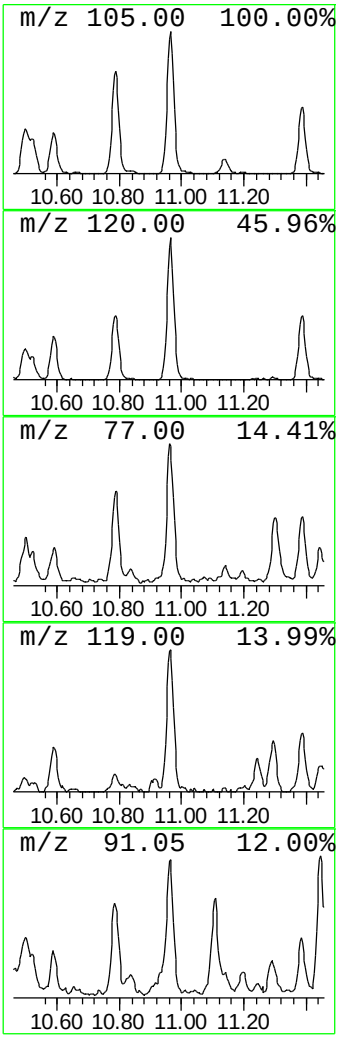
****

Peak Number 11 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	1.71 ug/L	256059	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

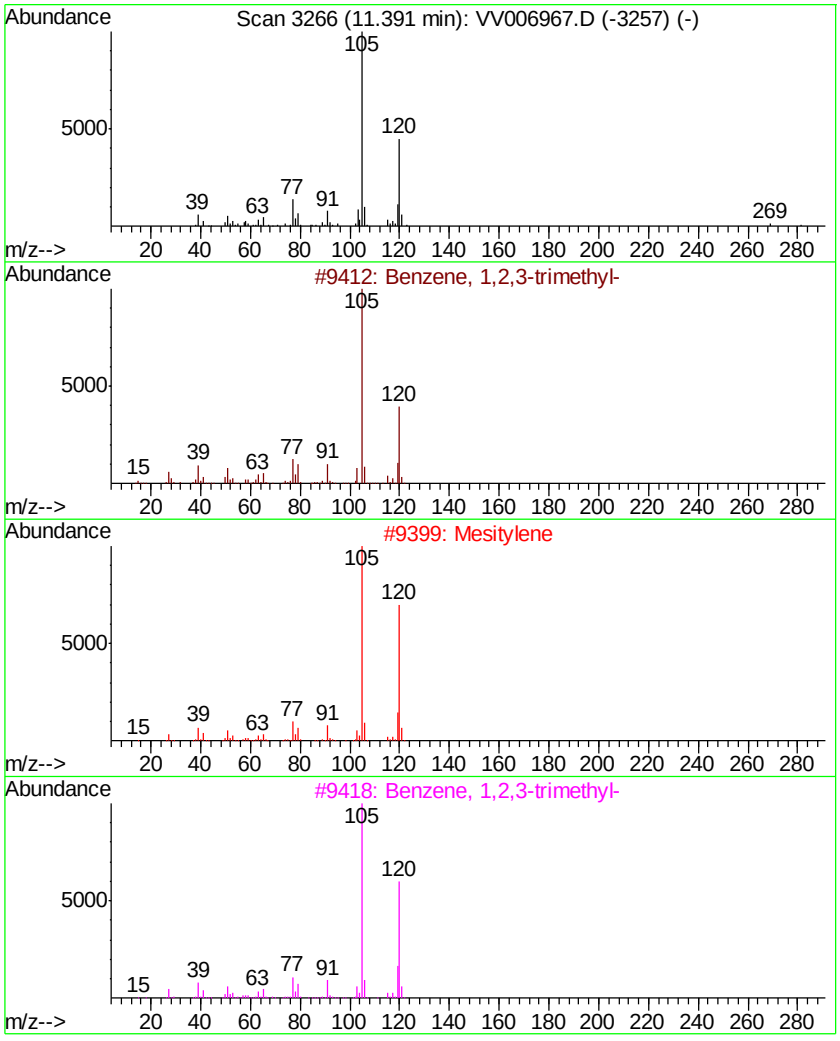
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

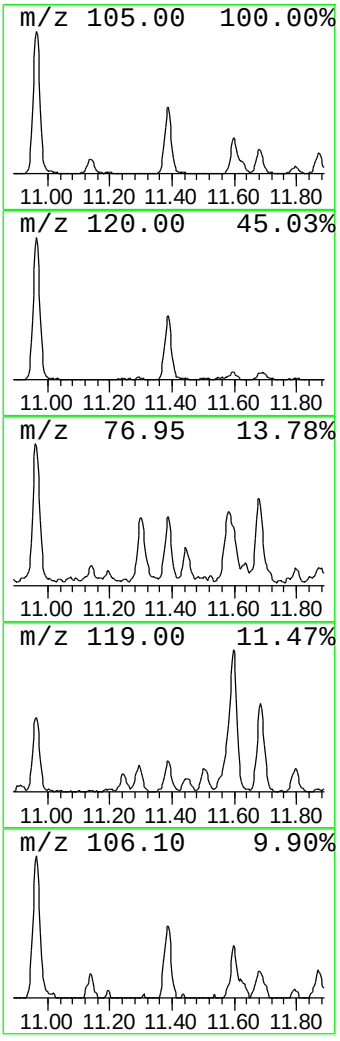
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	0.65 ug/L	97142	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

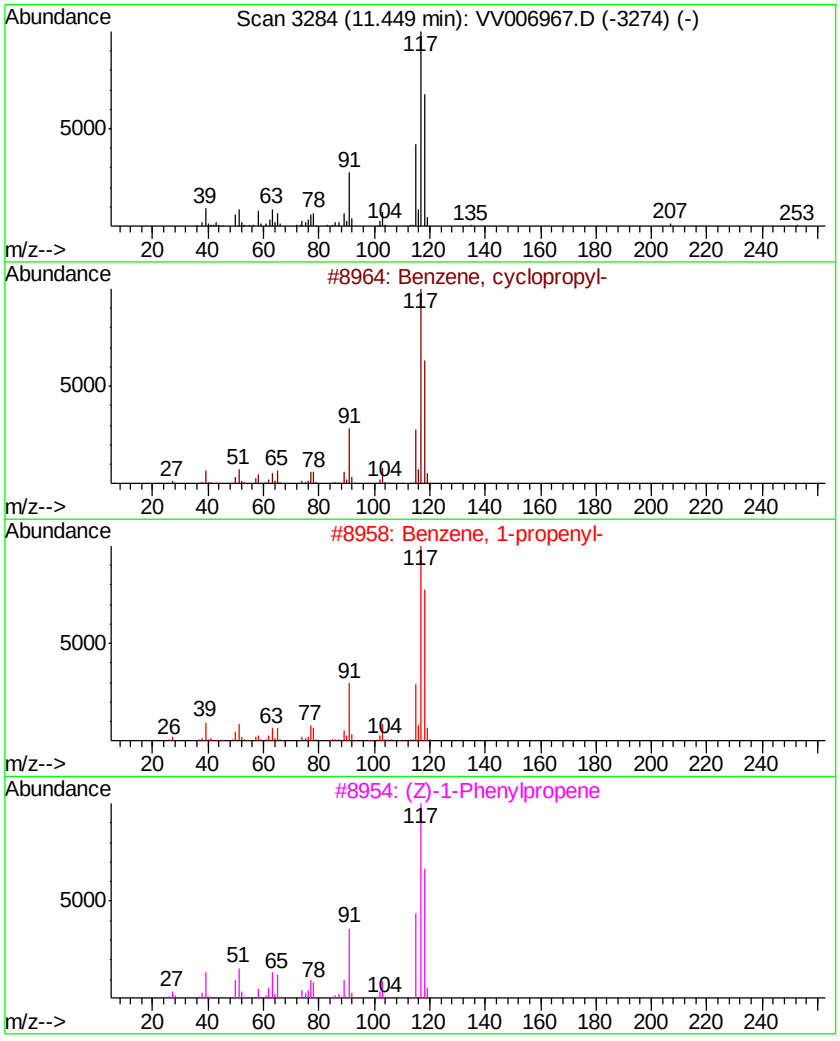
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

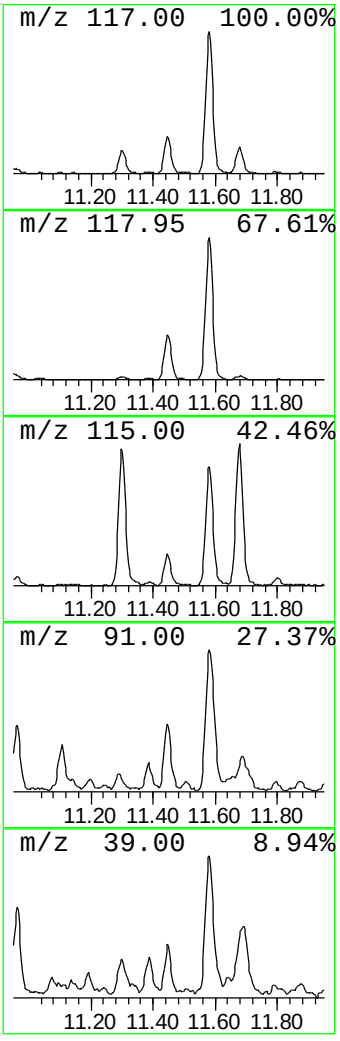
****

Peak Number 13 Benzene, cyclopropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	0.78 ug/L	117224	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

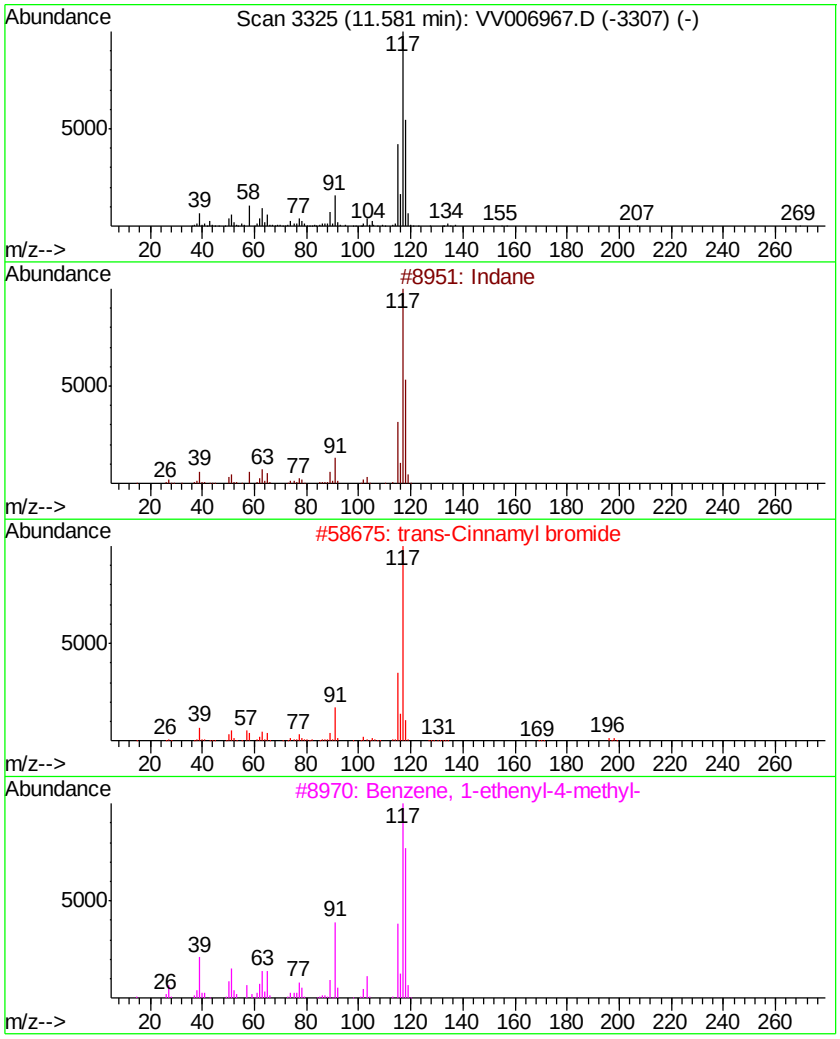
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

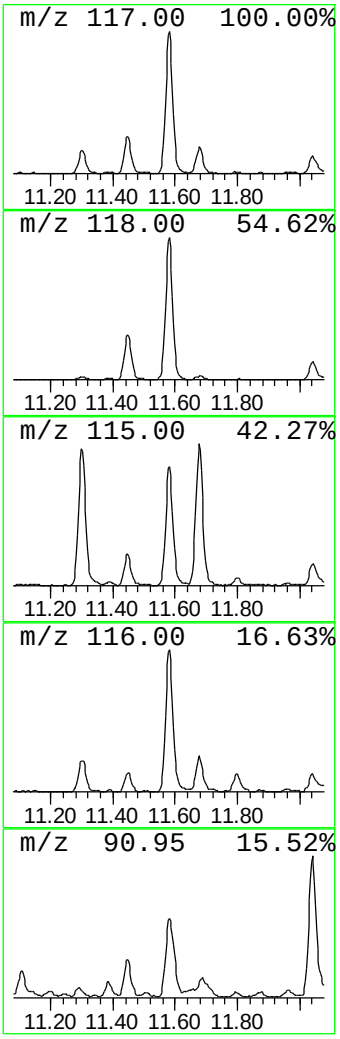
****

Peak Number 14 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.61 ug/L	542296	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	72
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
4	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

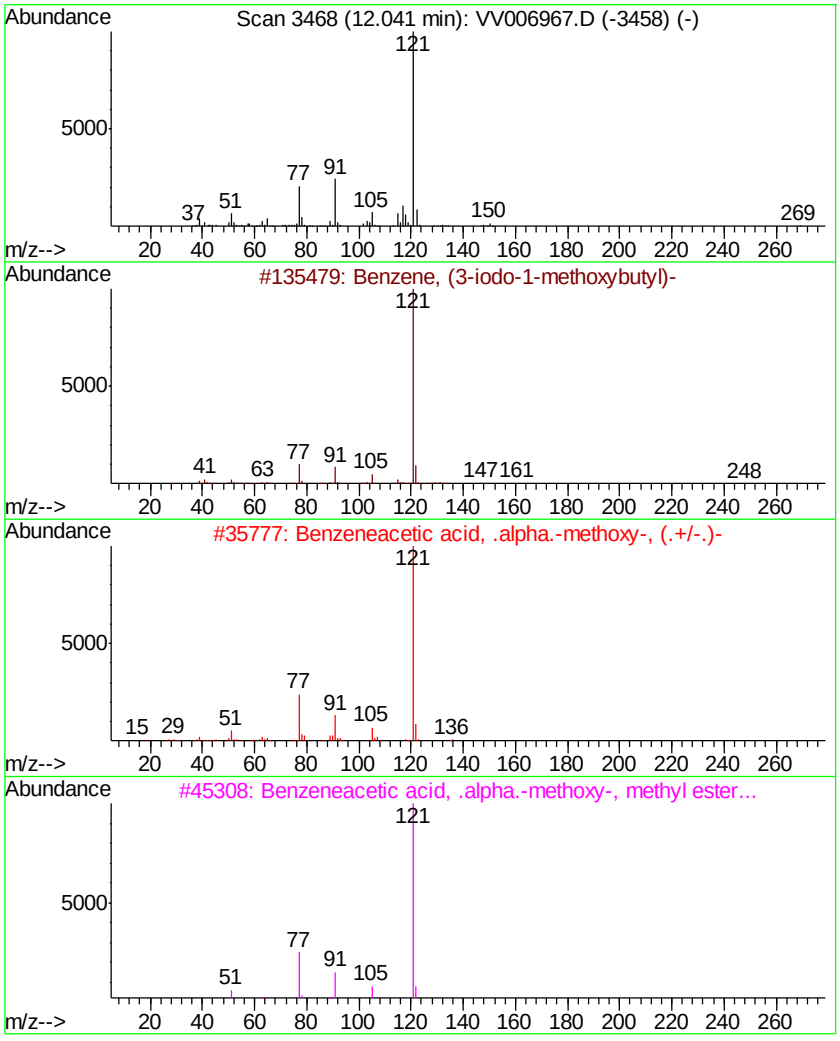
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

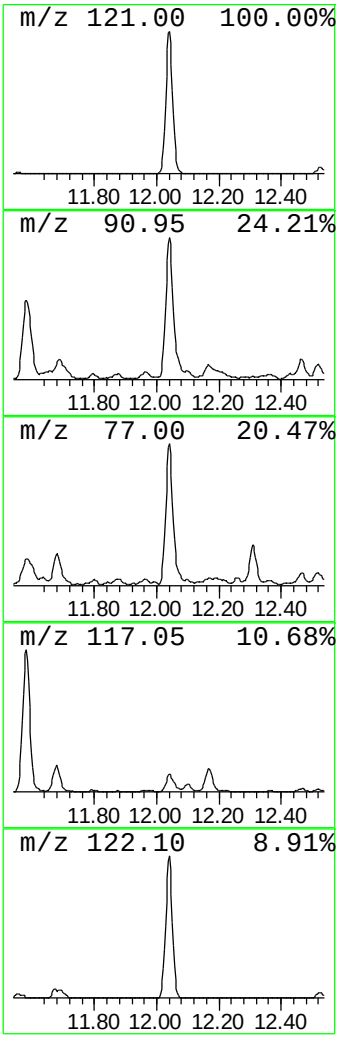
****

Peak Number 15 Benzene, (3-iodo-1-methoxyb... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.73 ug/L	409930	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-iodo-1-methoxybutyl)-	290	C11H15IO	1000327-38-8	64
2	Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	007021-09-2	64
3	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	64
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	64
5	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

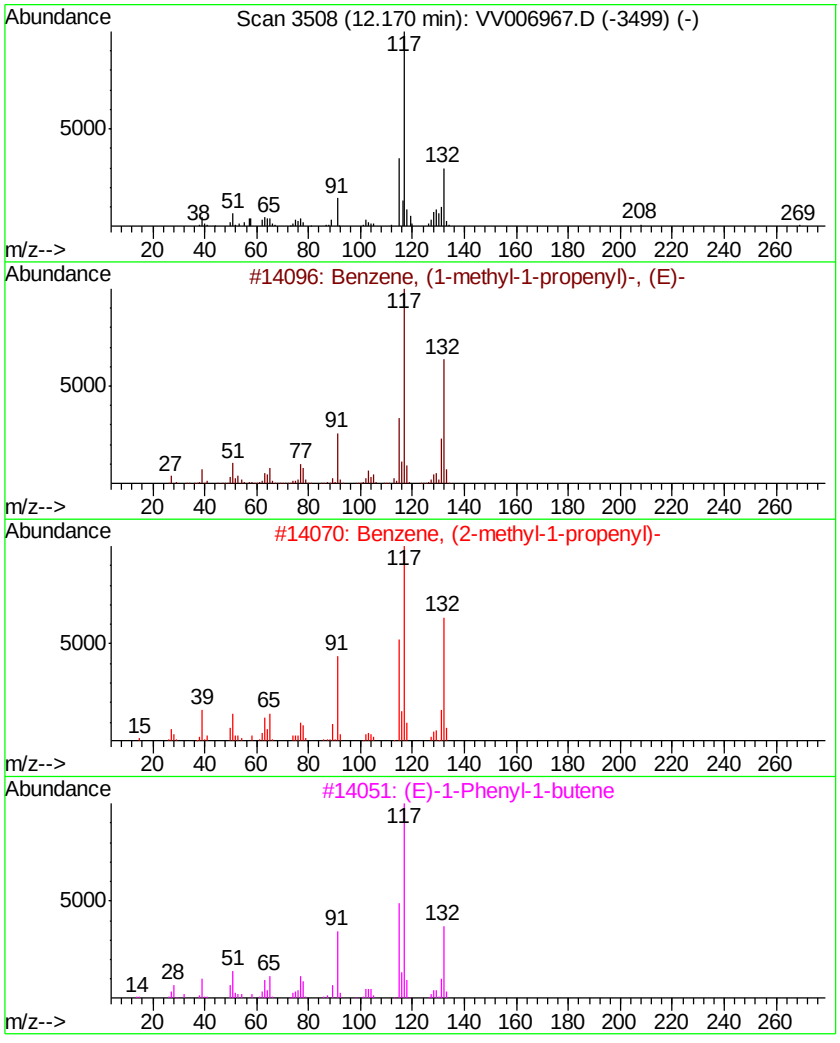
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

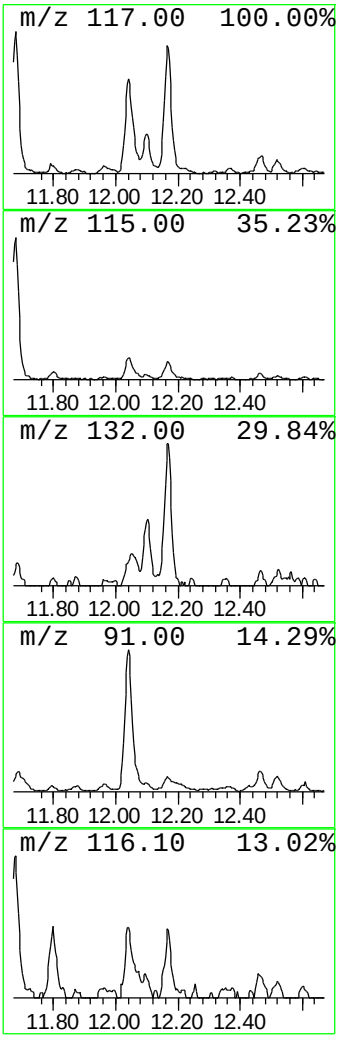
****

Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	0.54 ug/L	80786	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

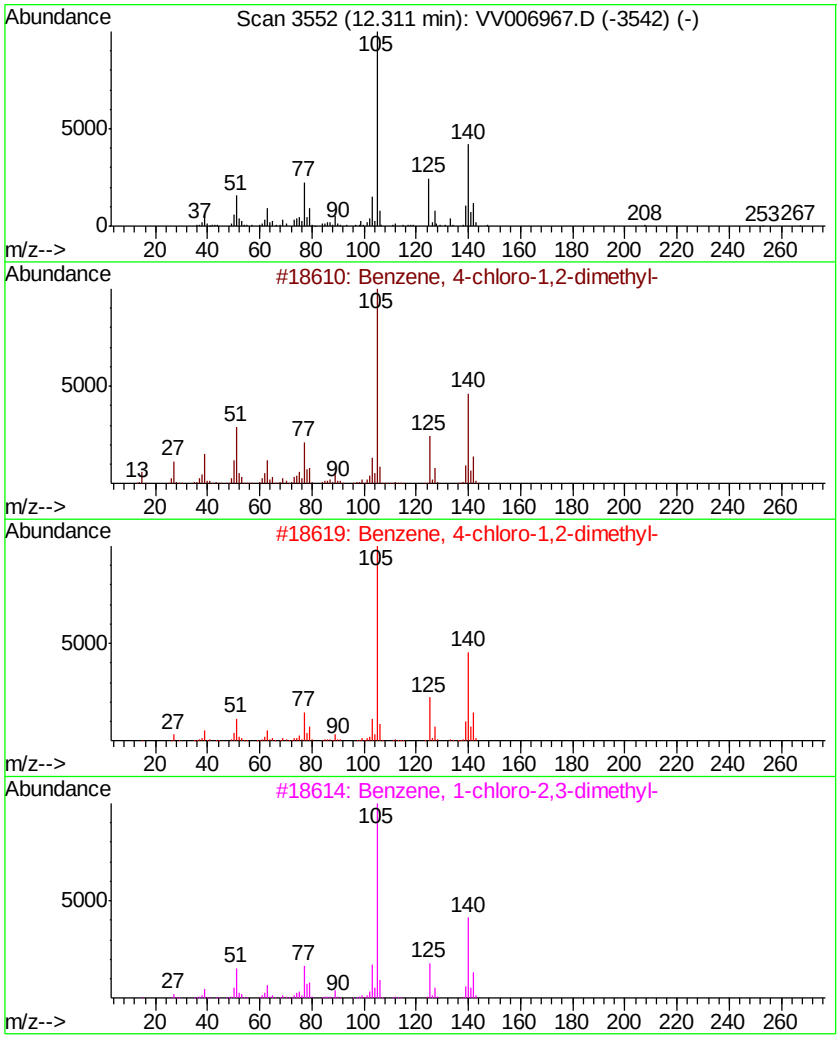
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

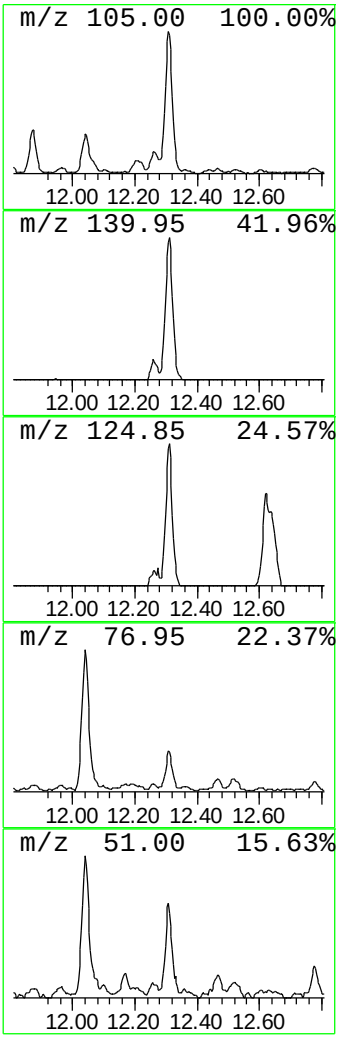
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-chloro-1,2-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	0.83 ug/L	124646	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	94
2	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	93
3	Benzene, 1-chloro-2,3-dimethyl-	140	C8H9Cl	000608-23-1	93
4	Benzene, 2-chloro-1,4-dimethyl-	140	C8H9Cl	000095-72-7	87
5	Benzene, 4-chloro-1,2-dimethyl-	140	C8H9Cl	000615-60-1	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

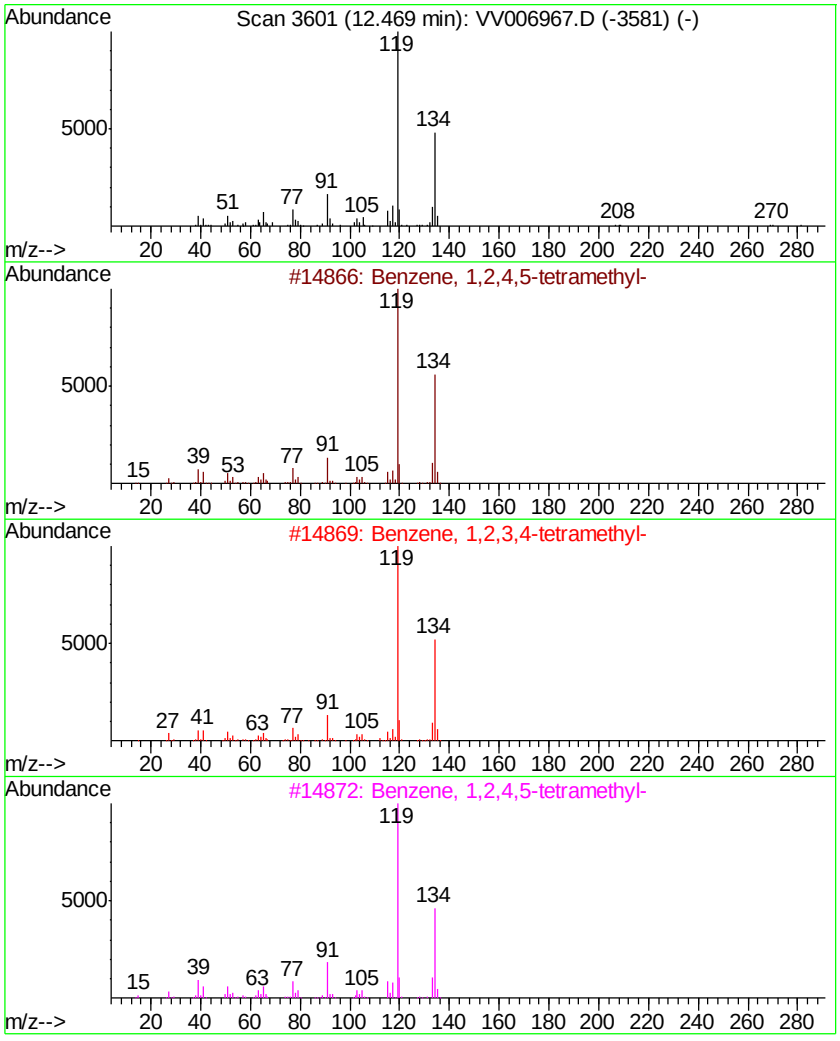
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

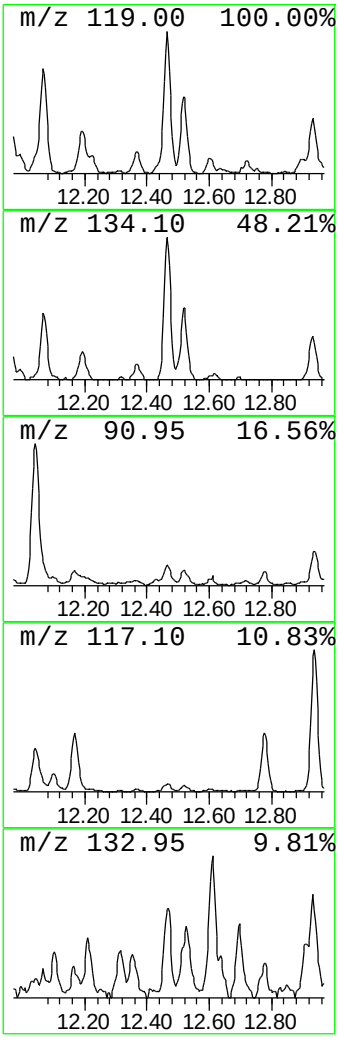
****

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	0.67 ug/L	100723	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

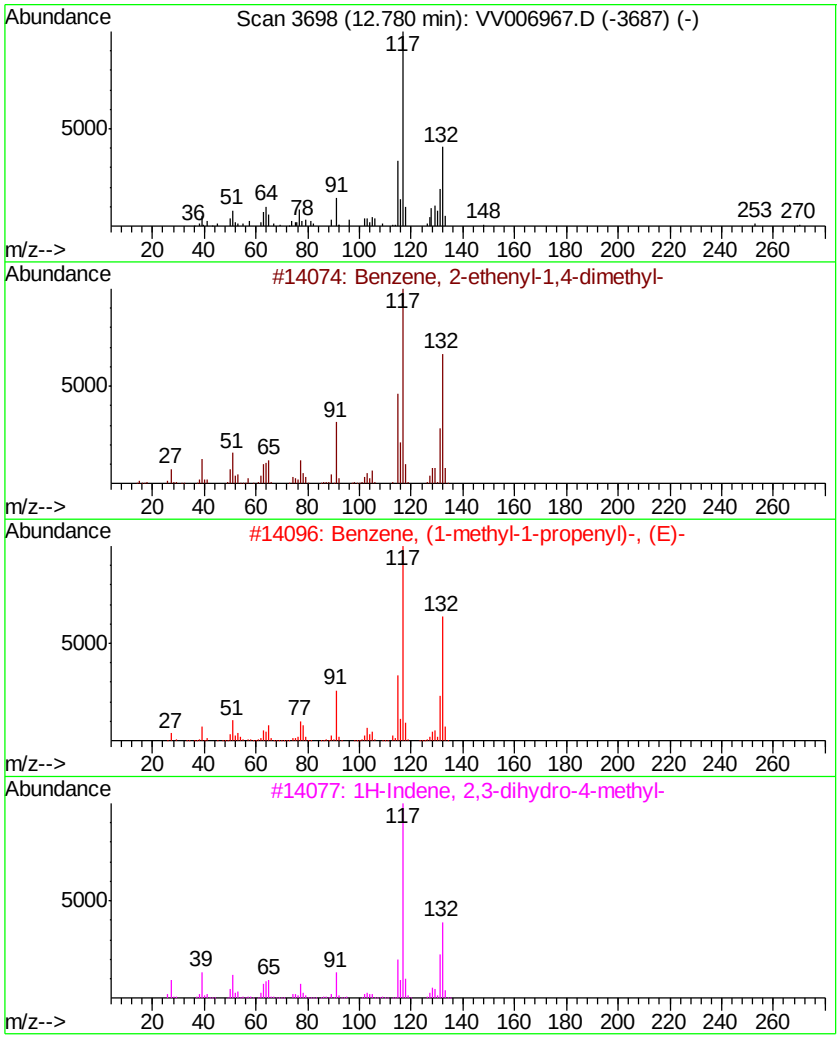
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

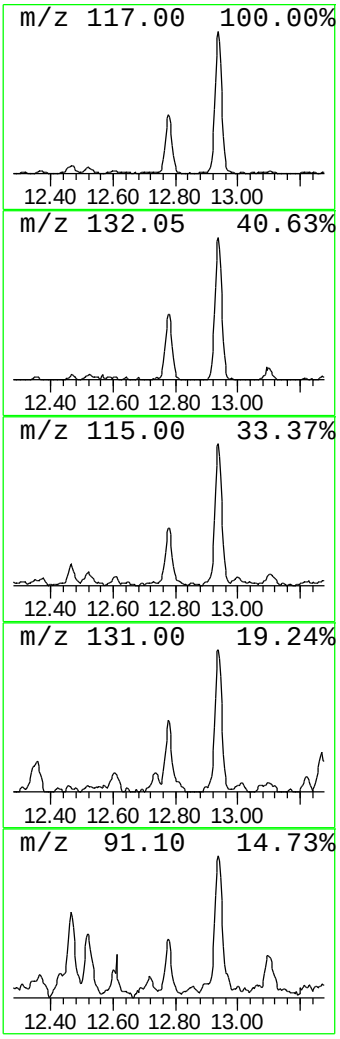
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	0.57 ug/L	84835	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

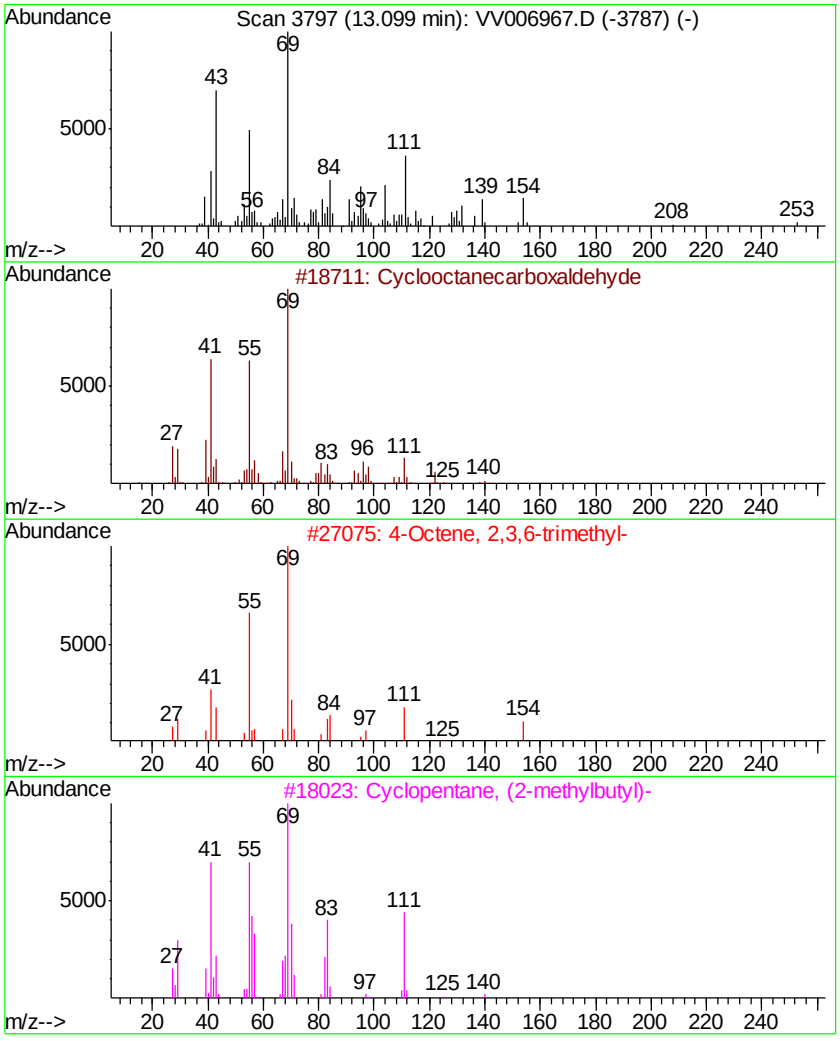
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

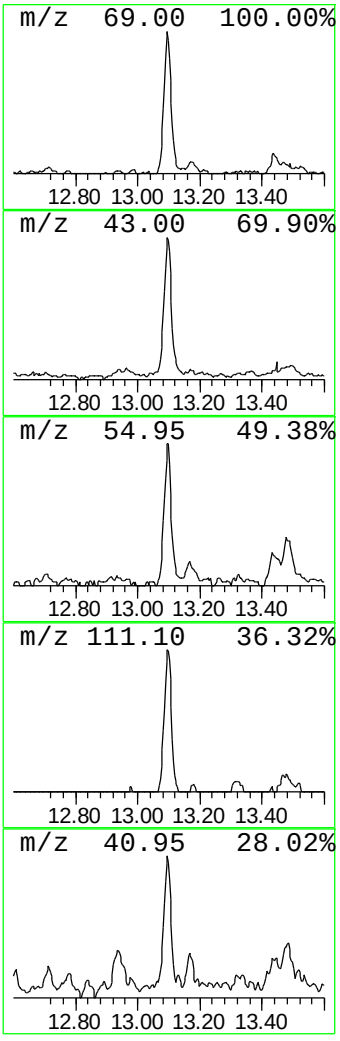
****

Peak Number 21 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	0.73 ug/L	109514	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanecarboxaldehyde	140	C9H16O	006688-11-5	45
2	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	38
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

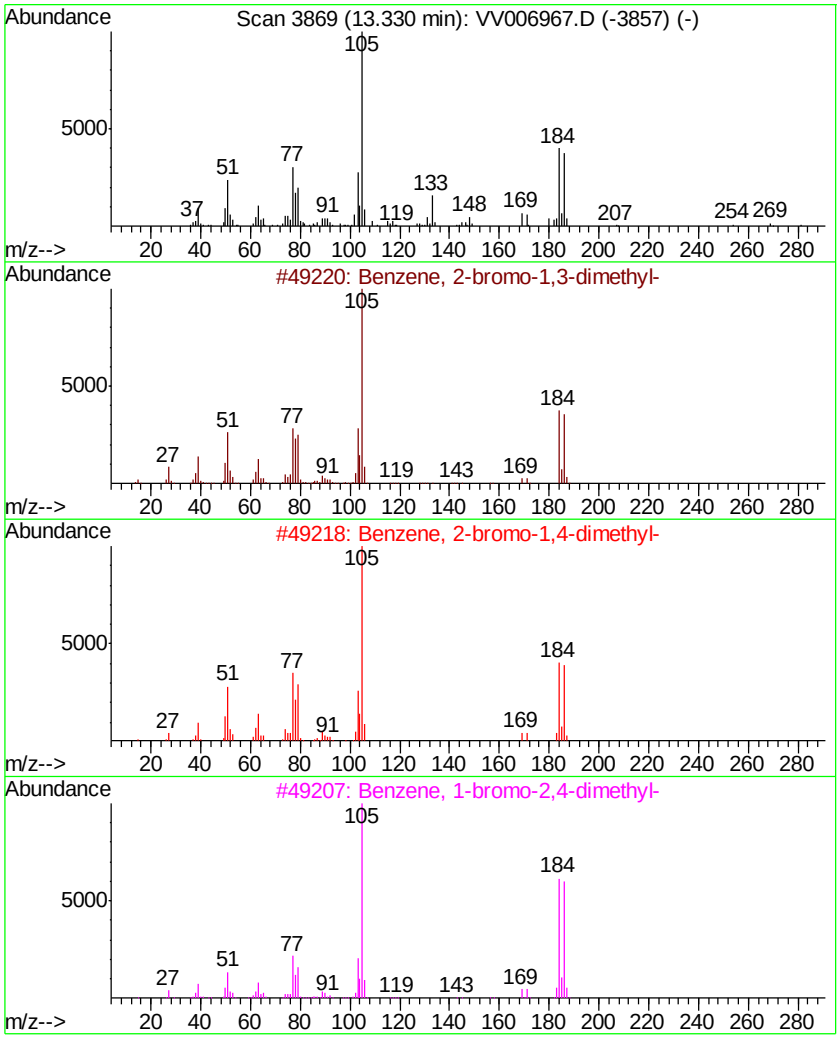
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

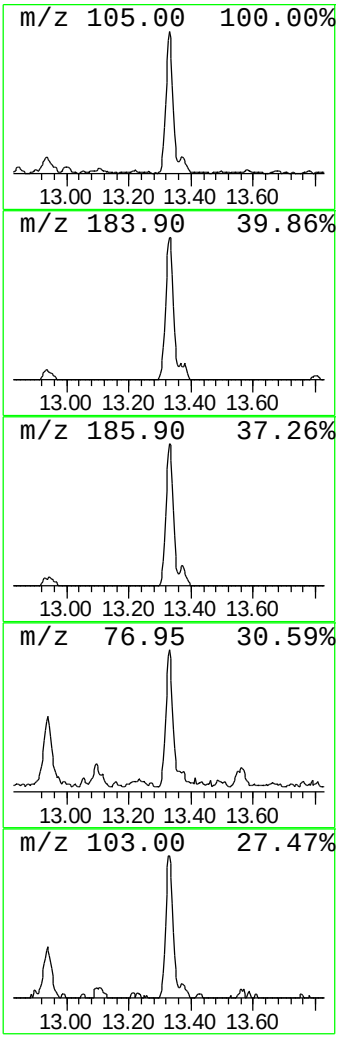
****

Peak Number 22 Benzene, 2-bromo-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	1.09 ug/L	163718	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-bromo-1,3-dimethyl-	184	C8H9Br	000576-22-7	99
2	Benzene, 2-bromo-1,4-dimethyl-	184	C8H9Br	000553-94-6	98
3	Benzene, 1-bromo-2,4-dimethyl-	184	C8H9Br	000583-70-0	97
4	Benzene, 1-bromo-2,3-dimethyl-	184	C8H9Br	000576-23-8	97
5	Benzene, 2-bromo-1,3-dimethyl-	184	C8H9Br	000576-22-7	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

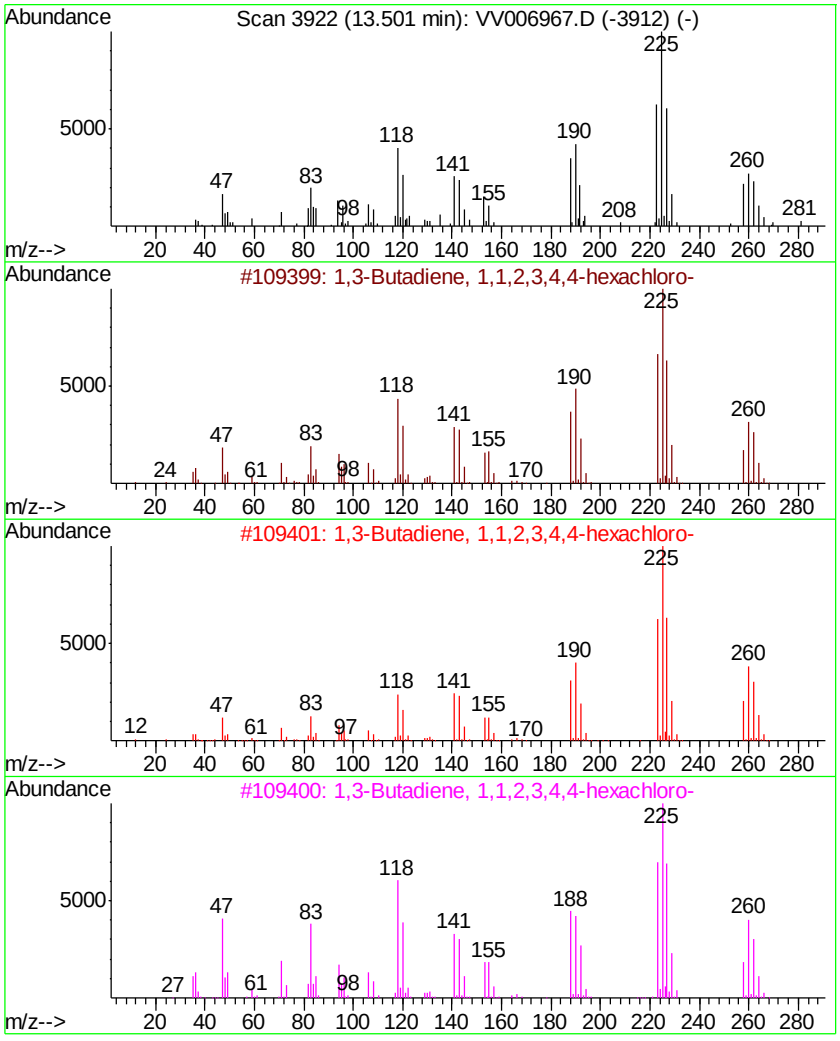
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

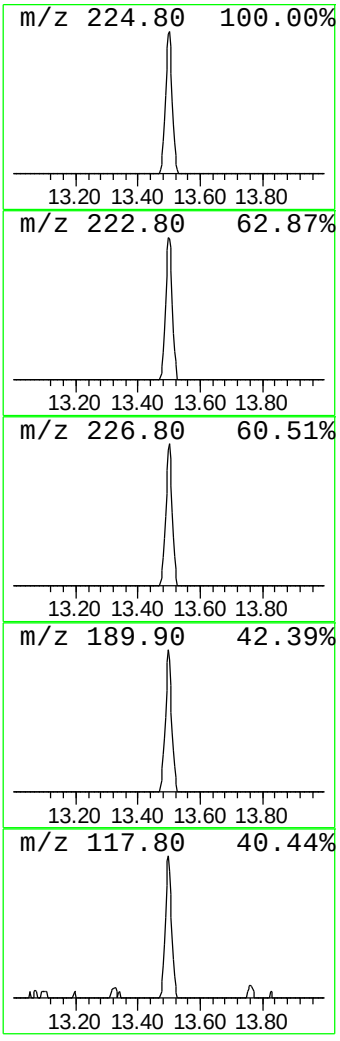
****

Peak Number 23 1,3-Butadiene, 1,1,2,3,4,4-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	0.61 ug/L	92154	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
2	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
3	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
4	1,3-Butadiene, 1,1,2,3,4,4-hexac...	258	C4Cl6	000087-68-3	99
5	Phenanthrene, 9,10-dihydro-3-nitro-	225	C14H11NO2	018264-83-0	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

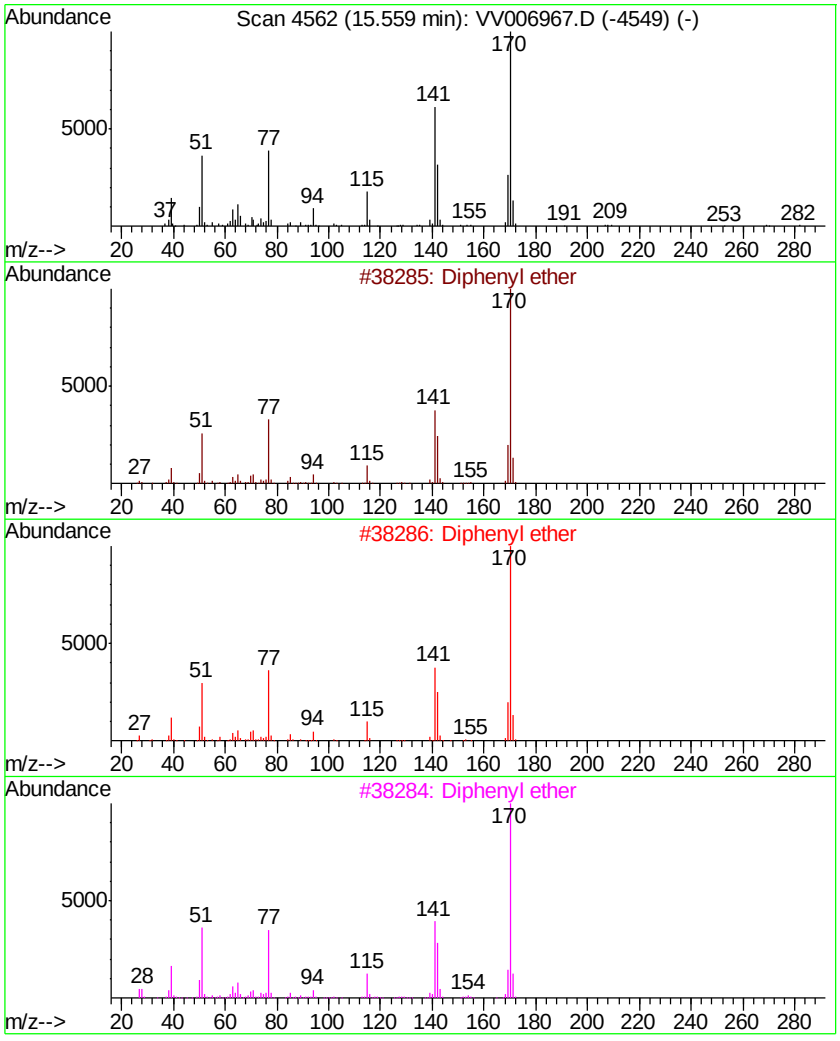
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

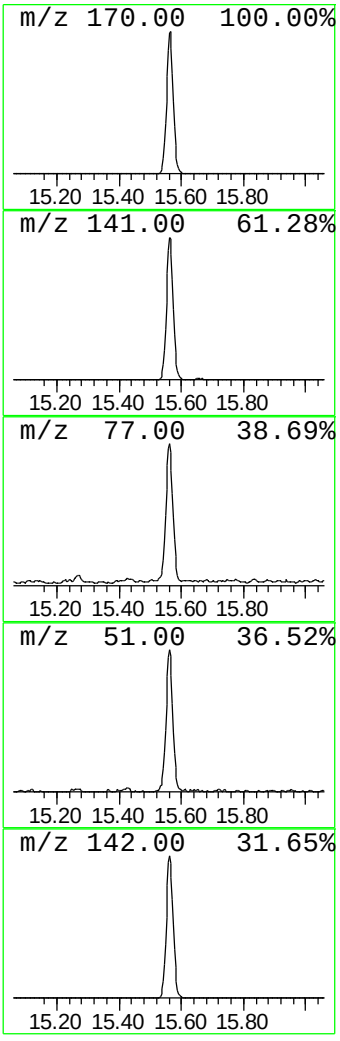
****

Peak Number 24 Diphenyl ether Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	1.49 ug/L	223608	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	95
2	Diphenyl ether	170	C12H10O	000101-84-8	93
3	Diphenyl ether	170	C12H10O	000101-84-8	91
4	Diphenyl ether	170	C12H10O	000101-84-8	83
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BC6R5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.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
Ethyl ether	1.97	0.6	ug/L	67072	1	5.67	588803	5.0
(DEL) Alkane: Str...	2.79	1.4	ug/L	160476	1	5.67	588803	5.0
(DEL) Alkane: Cyc...	3.81	0.8	ug/L	88804	1	5.67	588803	5.0
(DEL) Alkane: Str...	4.81	1.6	ug/L	192055	1	5.67	588803	5.0
6-Methyl-2-heptan...	9.28	1.5	ug/L	180090	2	8.90	591998	5.0
1,5-Cyclooctadien...	10.05	3.8	ug/L	444573	2	8.90	591998	5.0
Benzene, propyl-	10.40	4.0	ug/L	605842	3	11.30	750386	5.0
Benzene, 1-ethyl-...	10.79	0.8	ug/L	124266	3	11.30	750386	5.0
Mesitylene	10.96	1.7	ug/L	256059	3	11.30	750386	5.0
Benzene, 1,2,3-tr...	11.39	0.7	ug/L	97142	3	11.30	750386	5.0
Benzene, cyclopro...	11.45	0.8	ug/L	117224	3	11.30	750386	5.0
Indane	11.58	3.6	ug/L	542296	3	11.30	750386	5.0
Benzene, (3-iodo-...	12.04	2.7	ug/L	409930	3	11.30	750386	5.0
Benzene, (1-methy...	12.17	0.5	ug/L	80786	3	11.30	750386	5.0
Benzene, 4-chloro...	12.31	0.8	ug/L	124646	3	11.30	750386	5.0
Benzene, 1,2,4,5-...	12.47	0.7	ug/L	100723	3	11.30	750386	5.0
Benzene, 2-etheny...	12.78	0.6	ug/L	84835	3	11.30	750386	5.0
unknown-01	13.10	0.7	ug/L	109514	3	11.30	750386	5.0
Benzene, 2-bromo-...	13.33	1.1	ug/L	163718	3	11.30	750386	5.0
1,3-Butadiene, 1,...	13.50	0.6	ug/L	92154	3	11.30	750386	5.0
Diphenyl ether	15.56	1.5	ug/L	223608	3	11.30	750386	5.0