LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

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_N\METHODS\82N112718W.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	2.188	114	129	143	rBV	343904	524029	3.49%	0.668%
2	2.812	305	323	345	rBV	1703020	3490288	23.23%	4.450%
3	3.146	410	427	452	rBV4	381457	1098906	7.31%	1.401%
4	3.571	540	559	590	rBV	1100303	2702675	17.99%	3.446%
5	3.805	612	632	654	rVB	82788	257270	1.71%	0.328%
6	4.436	805	828	842	rBV2	109266	340983	2.27%	0.435%
7	4.542	843	861	868	rBV3	177885	540015	3.59%	0.689%
8	5.059	994	1022	1049	rBV2	223854	806876	5.37%	1.029%
9	5.384	1096	1123	1145	rBV3	48769	163071	1.09%	0.208%
10	5.927	1268	1292	1316	rBV3	315155	986125	6.56%	1.257%
11	6.072	1316	1337	1356	rVV4	218688	718367	4.78%	0.916%
12	6.378	1410	1432	1463	rBV2	299722	955529	6.36%	1.218%
13	6.632	1491	1511	1526	rVV2	547464	1720934	11.45%	2.194%
14	6.712	1527	1536	1558	rVB2	219276	618621	4.12%	0.789%
15	7.390	1732	1747	1770	rVB	797295	2084630	13.87%	2.658%
16	7.593	1784	1810	1820	rBV2	680333	1822605	12.13%	2.324%
17	7.664	1820	1832	1848	rVV	1541836	3874626	25.78%	4.941%
18	7.744	1849	1857	1883	rVB3	156892	424370	2.82%	0.541%
19	8.043	1928	1950	1973	rBV2	6107642	15027026	100.00%	19.161%
20	8.181	1974	1993	2022	rVV6	298375	1583686	10.54%	2.019%
21	8.304	2023	2031	2053	rVV5	119193	380025	2.53%	0.485%
22	8.587	2101	2119	2141	rBV	2152528	4864885	32.37%	6.203%
23	8.821	2179	2192	2199	rVV	226255	465845	3.10%	0.594%
24	8.863	2201	2205	2226	rVB	167186	294125	1.96%	0.375%
25	9.050	2245	2263	2267	rBV4	136131	286971	1.91%	0.366%
26	9.519	2400	2409	2425	rVB2	158069	311350	2.07%	0.397%
27	9.615	2425	2439	2447	rBV2	403662	814079	5.42%	1.038%
28	9.969	2538	2549	2559	rVV	321489	605979	4.03%	0.773%
29	10.091	2574	2587	2599	rVV	2999524	5542648	36.88%	7.067%
30	10.156	2599	2607	2621	rVB	426112	760677	5.06%	0.970%
31	10.516	2710	2719	2736	rVB3	228689	477217	3.18%	0.609%
32	11.410	2983	2997	3011	rBV	2581403	4476189	29.79%	5.708%
33	11.512	3019	3029	3046	rVB	395619	706102	4.70%	0.900%
34	11.622	3048	3063	3085	rVB	436464	902170	6.00%	1.150%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

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_N\METHODS\82N112718W.M
Title : SW846 8260

35	12.249	3245	3258	3271	rBV	1517906	2425467	16.14%	3.093%
36	12.403	3292	3306	3323	rBV	1970406	3329010	22.15%	4.245%
37	12.593	3353	3365	3383	rBV	634023	1066236	7.10%	1.360%
38	12.892	3444	3458	3473	rBV	342757	558404	3.72%	0.712%
39	13.345	3586	3599	3619	rVB	2149155	3638348	24.21%	4.639%
40	13.545	3640	3661	3672	rBV	2529537	4305470	28.65%	5.490%
41	13.889	3757	3768	3778	rBV	318456	492717	3.28%	0.628%
42	13.995	3792	3801	3812	rVB3	414823	676975	4.51%	0.863%
43	14.210	3851	3868	3878	rBV	212616	363070	2.42%	0.463%
44	14.477	3941	3951	3962	rVB	230057	378397	2.52%	0.482%
45	14.593	3973	3987	3999	rBV3	262531	562082	3.74%	0.717%

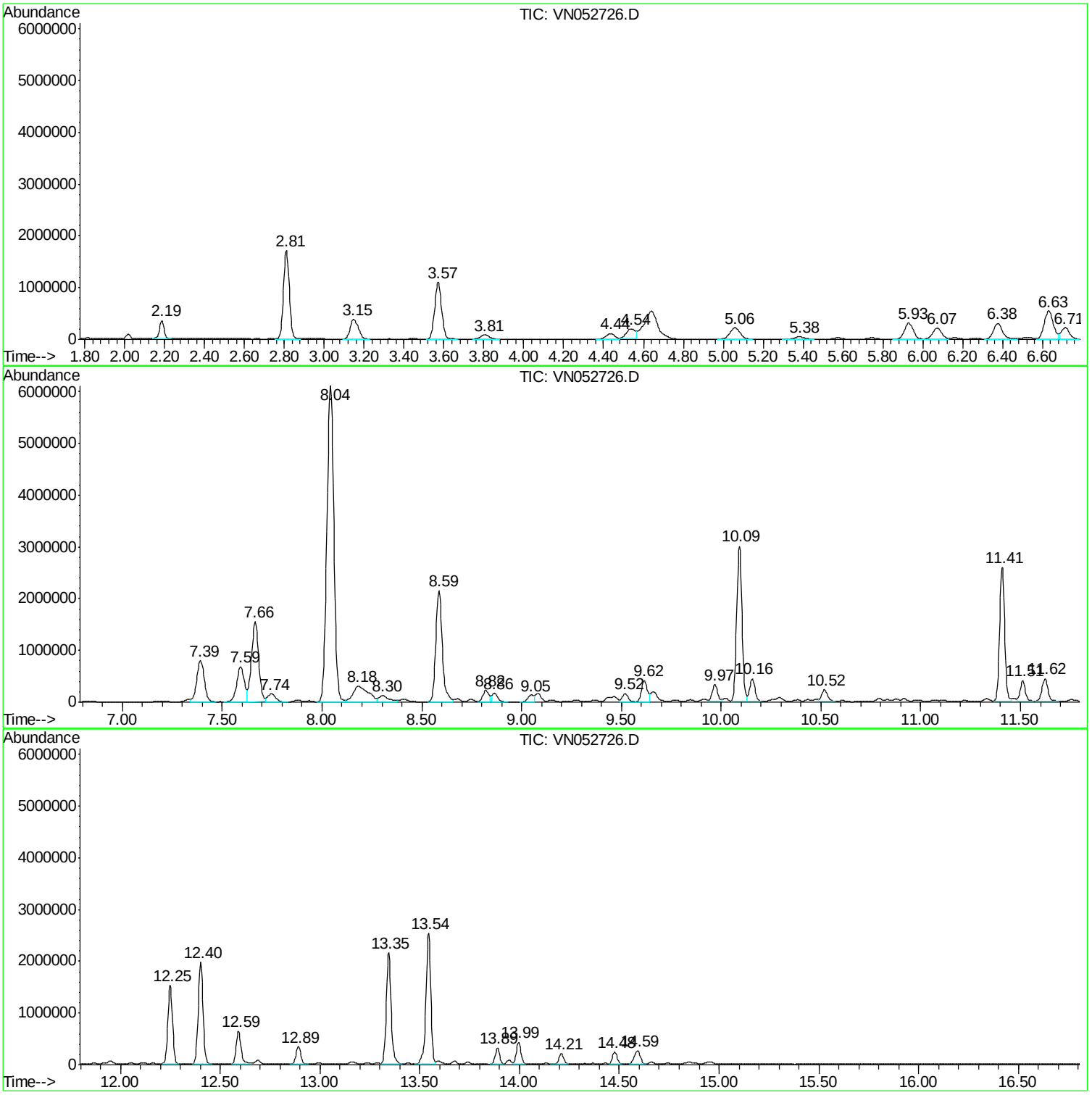
Sum of corrected areas: 78425070

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.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_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

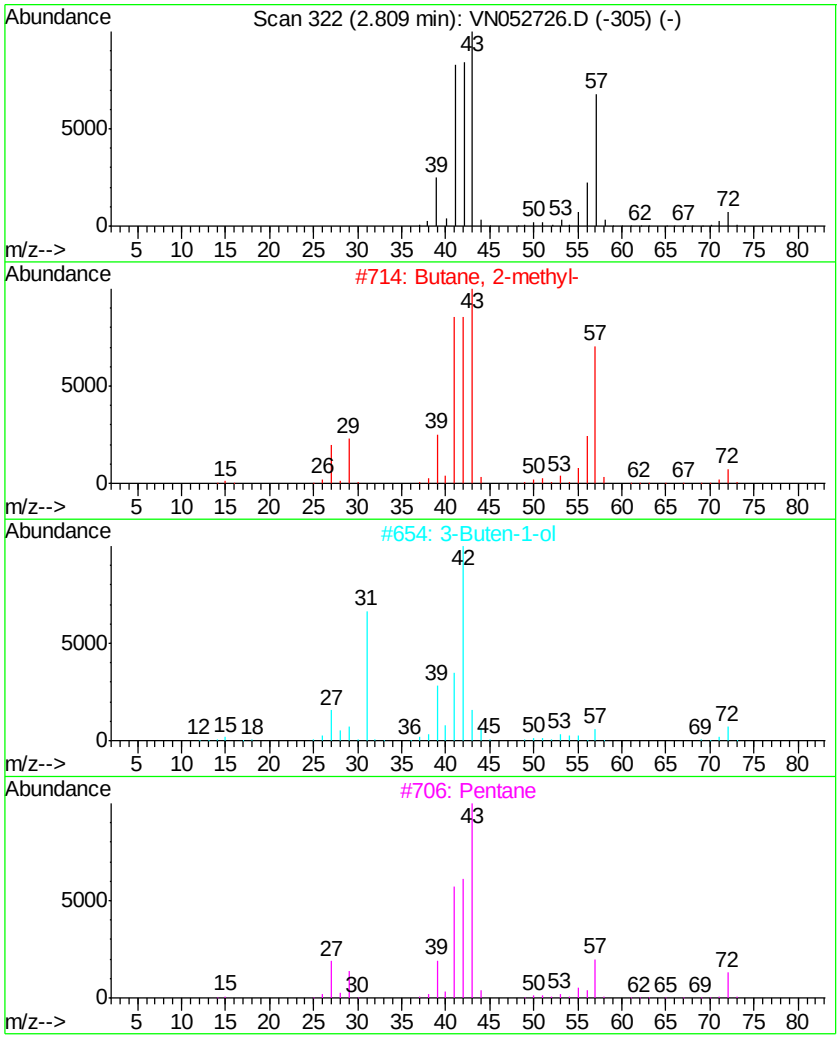
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

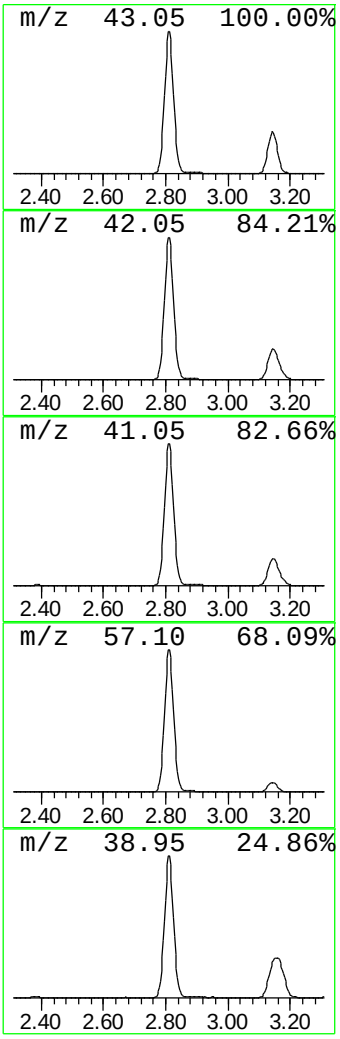
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	45.04 ug/l	3490290	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	39
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5	Cyclobutane	56	C4H8	000287-23-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

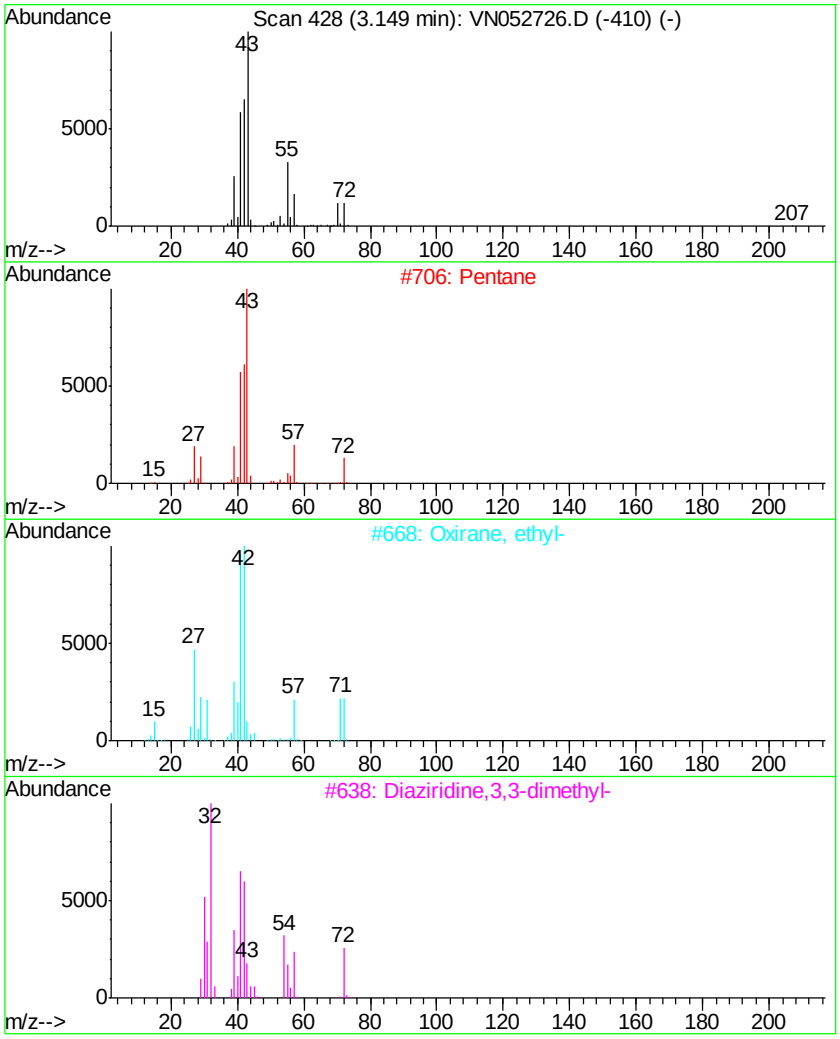
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

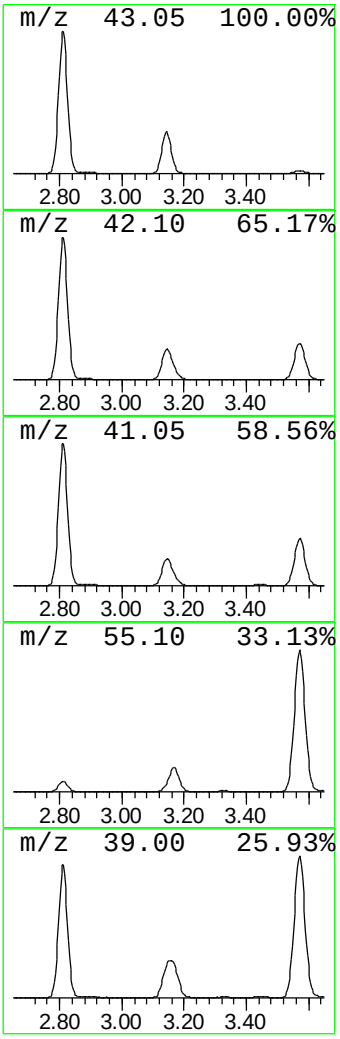
****

Peak Number 2 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	14.18 ug/l	1098910	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	43
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	38
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

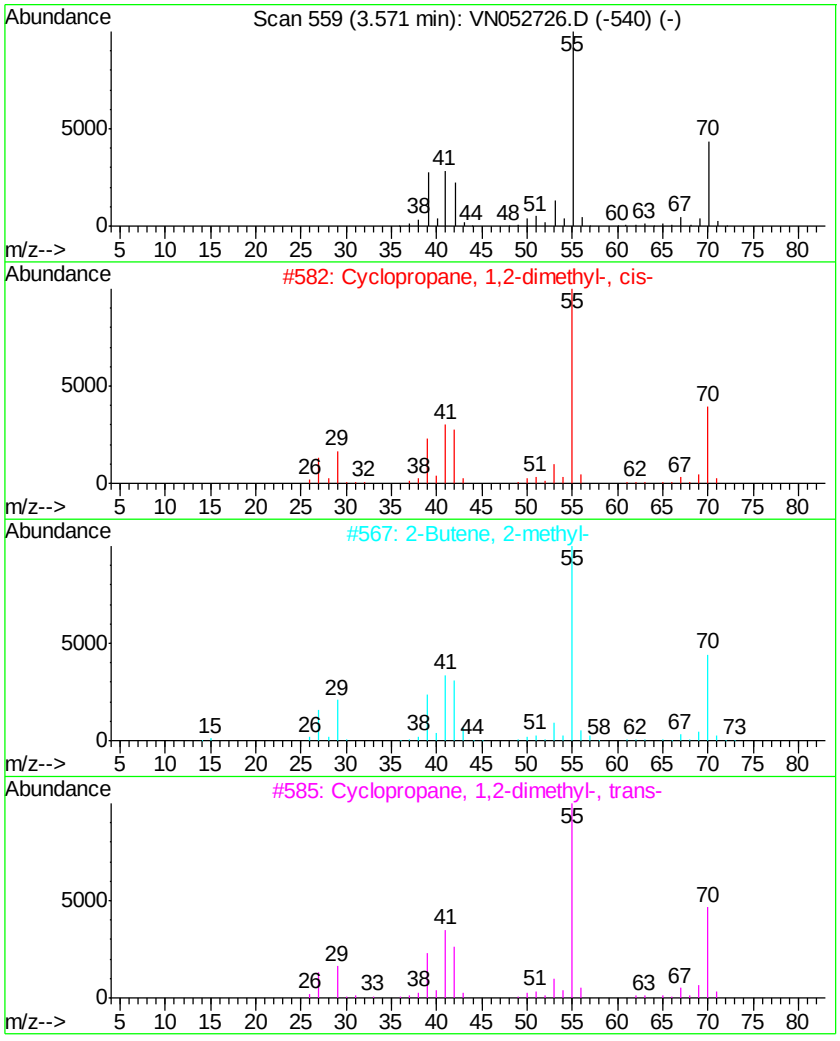
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

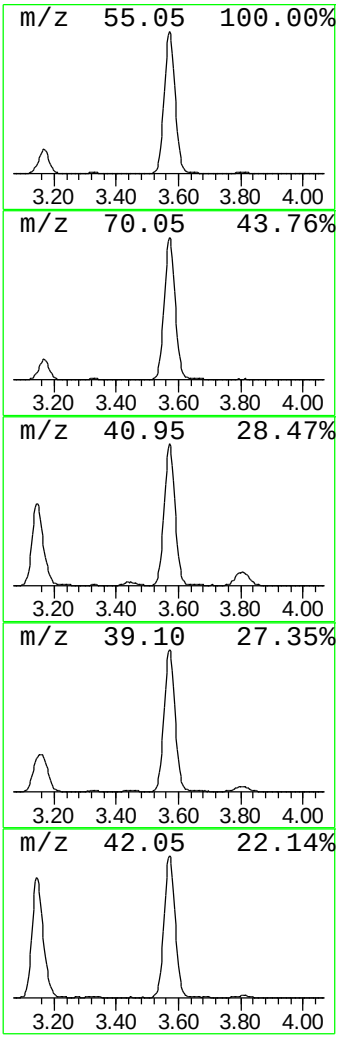
****

Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	34.88 ug/l	2702680	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	72
5	2-Methyl-1-butene	70	C5H10	000563-46-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

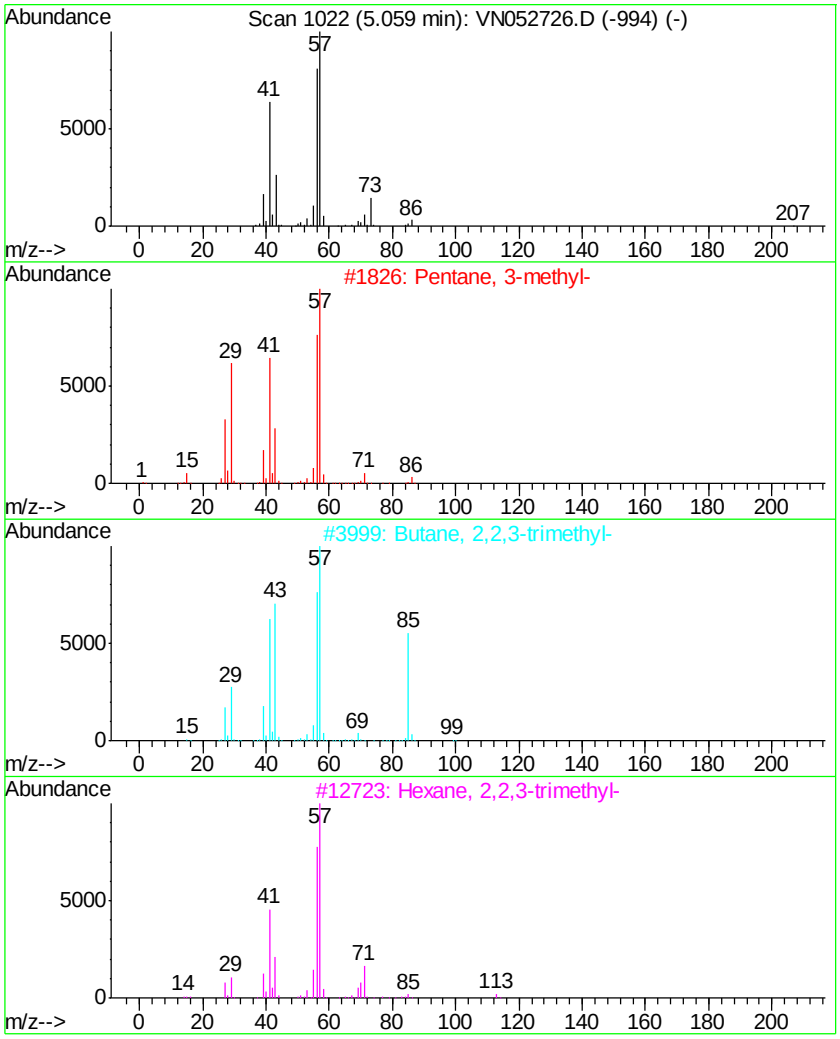
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

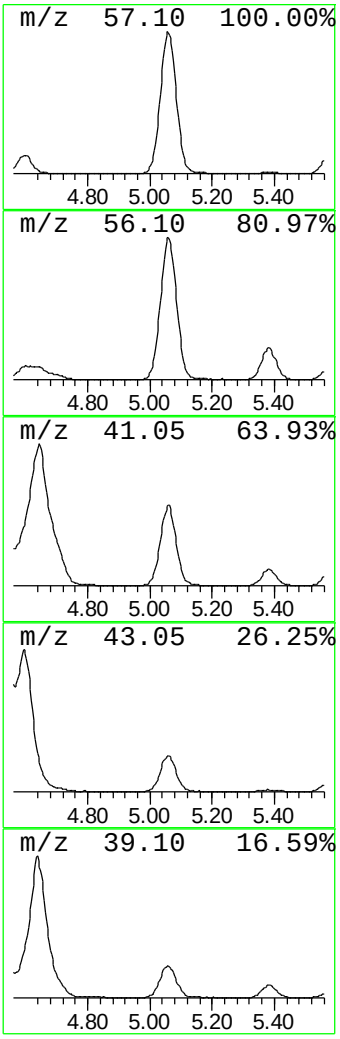
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	10.41 ug/l	806876	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50
5	n-Hexane	86	C6H14	000110-54-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

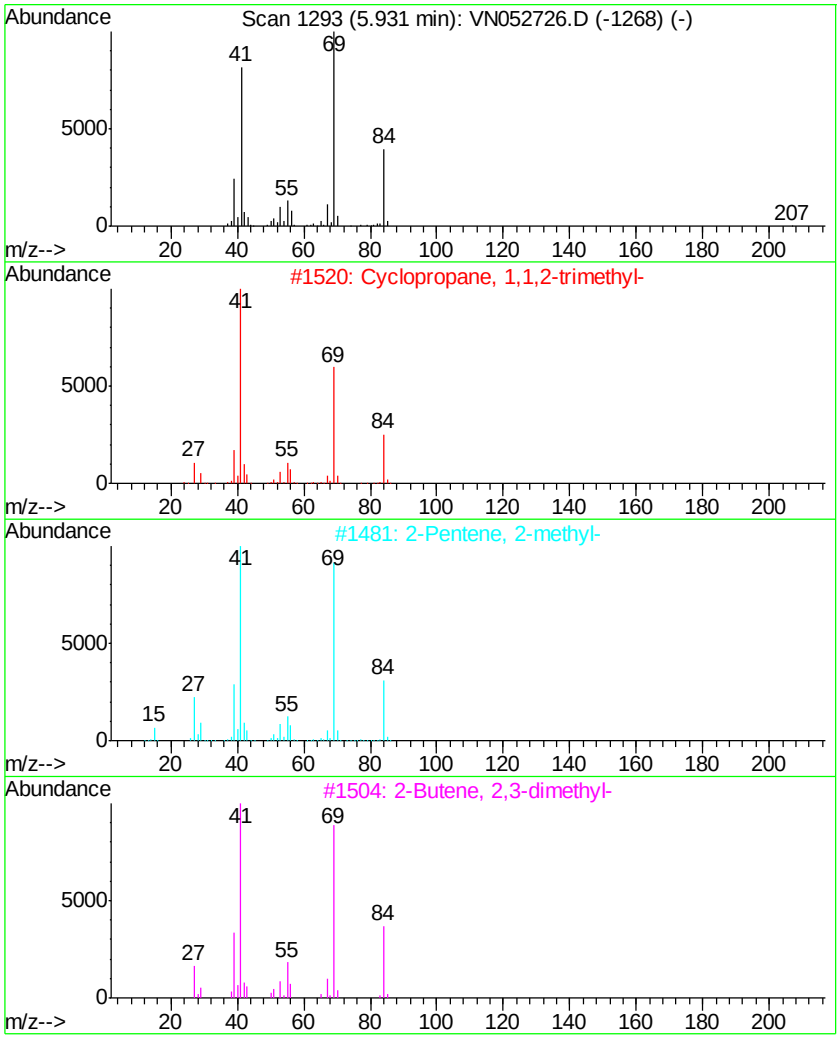
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

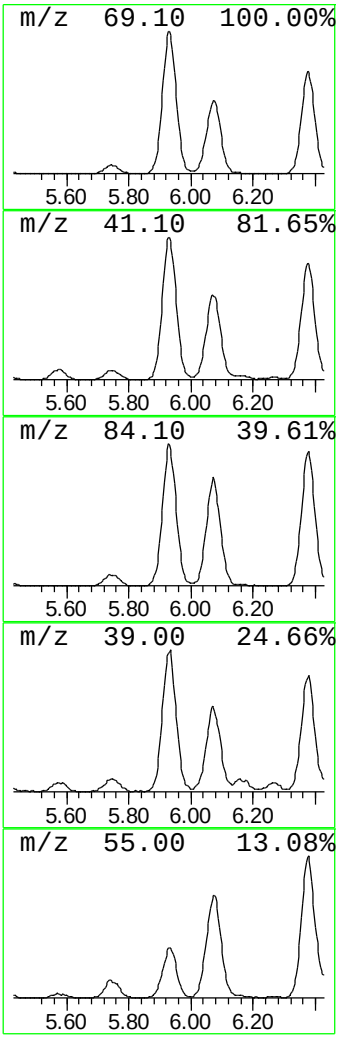
****

Peak Number 5 Cyclopropane, 1,1,2-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	12.73 ug/l	986125	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	91
2	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	91
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

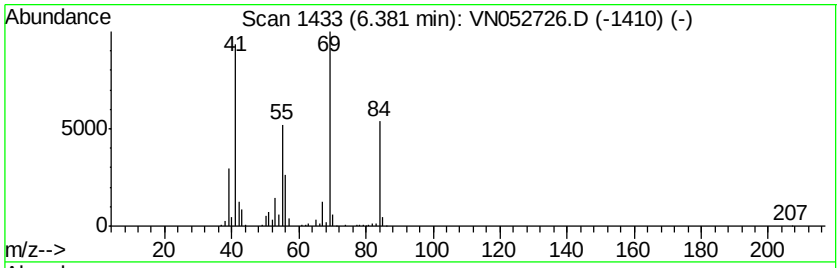
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

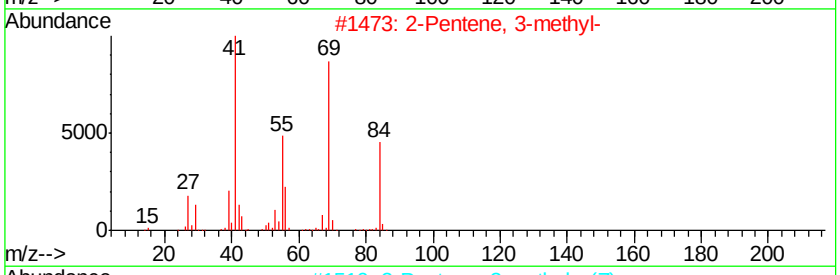
****

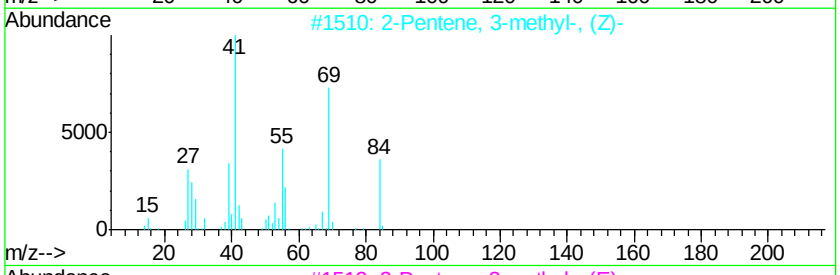
Peak Number 6 2-Pentene, 3-methyl- Concentration Rank 8

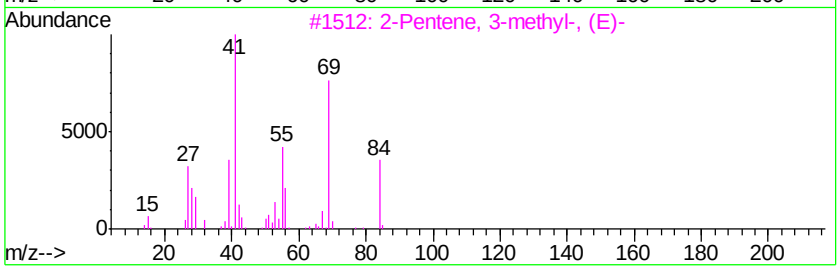
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	12.33 ug/l	955529	Pentafluorobenzene	7.67

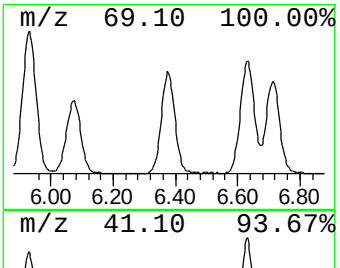
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	87

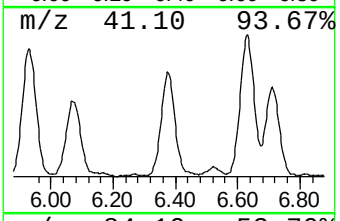


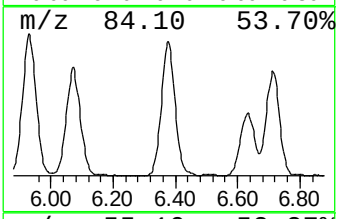


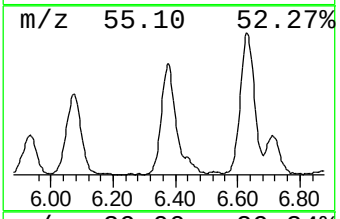


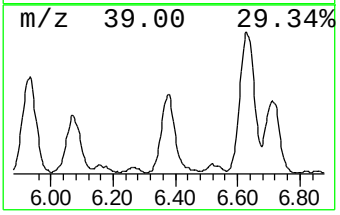












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

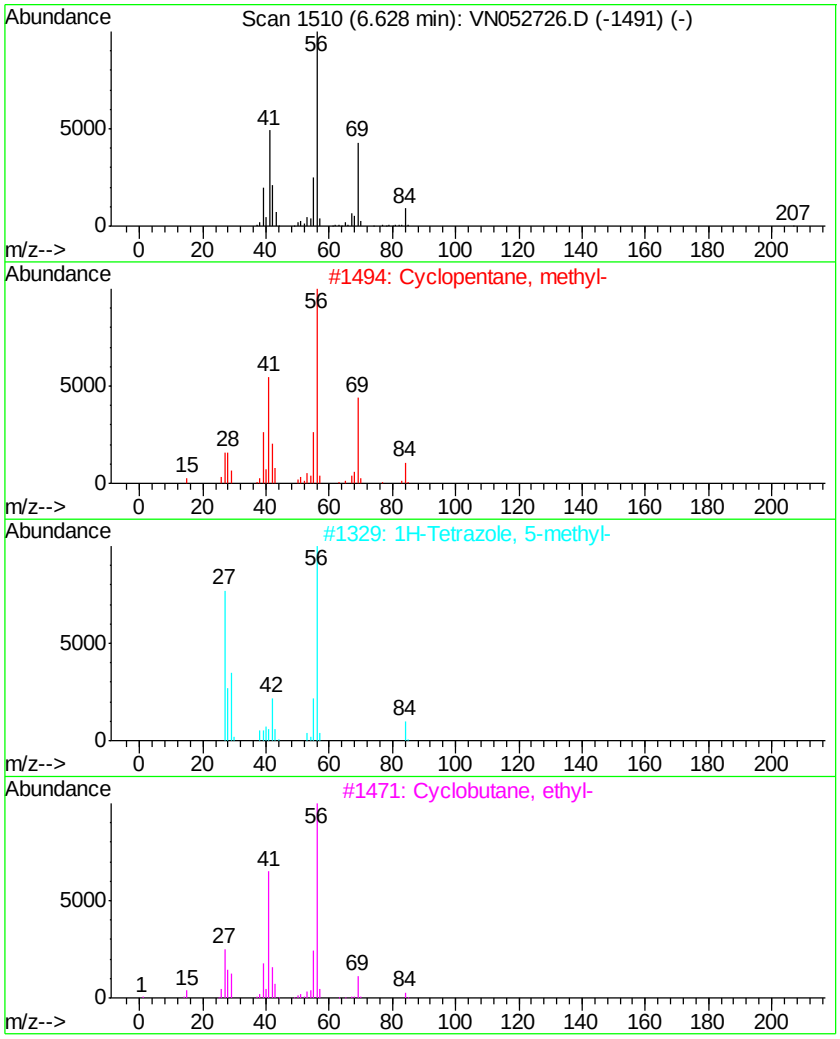
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

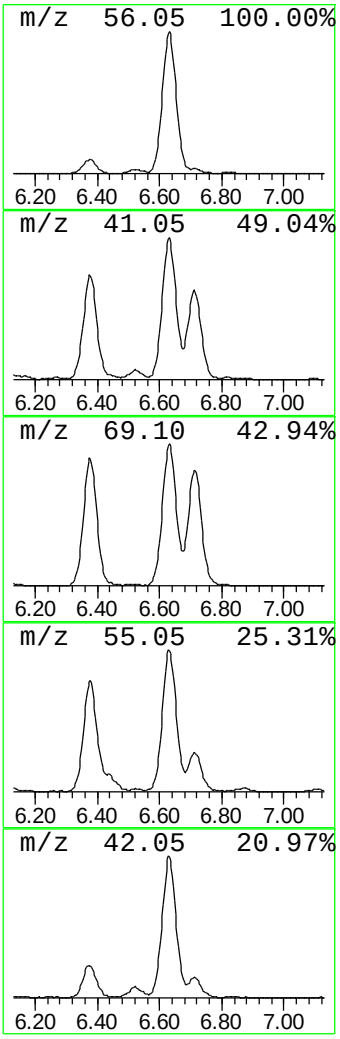
****

Peak Number 7 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	22.21 ug/l	1720930	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclohexane	84	C6H12	000110-82-7	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

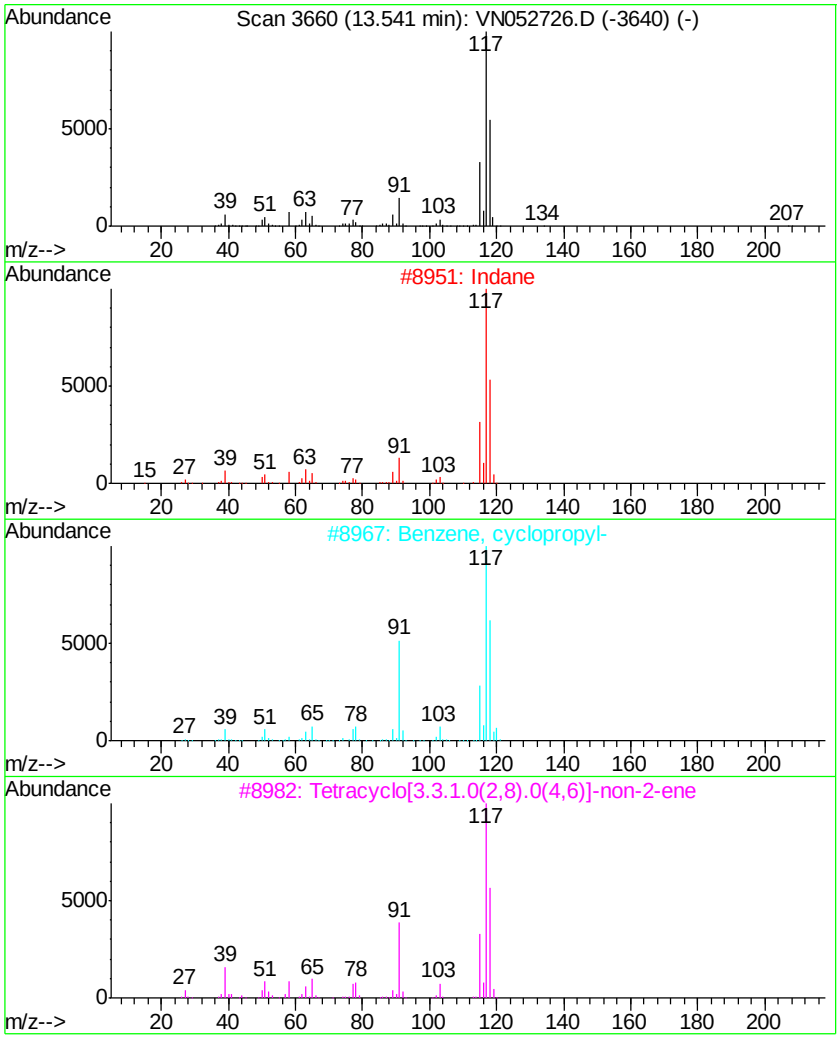
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

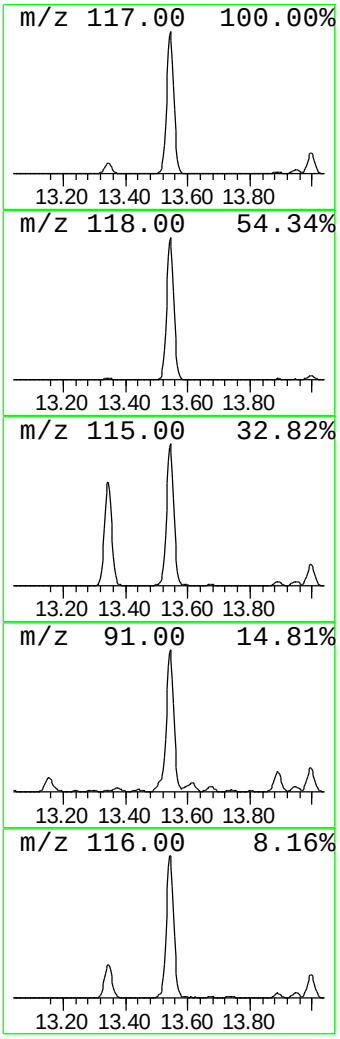
****

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	59.17 ug/l	4305470	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260

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

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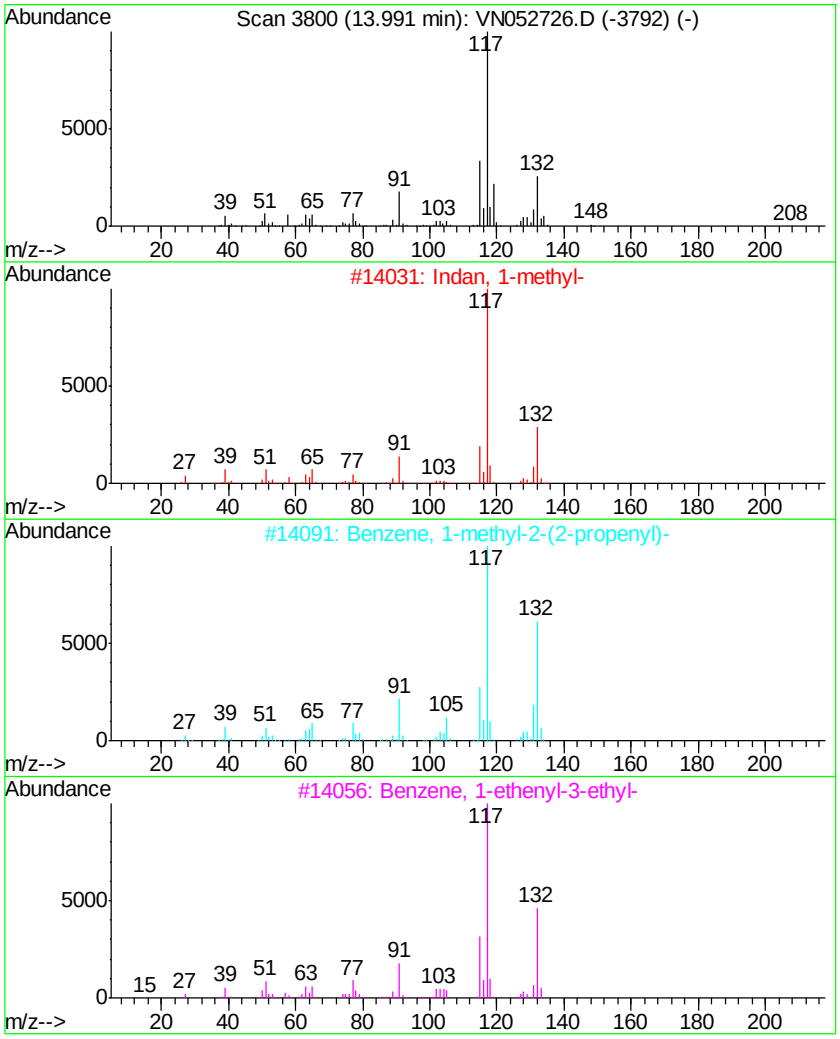
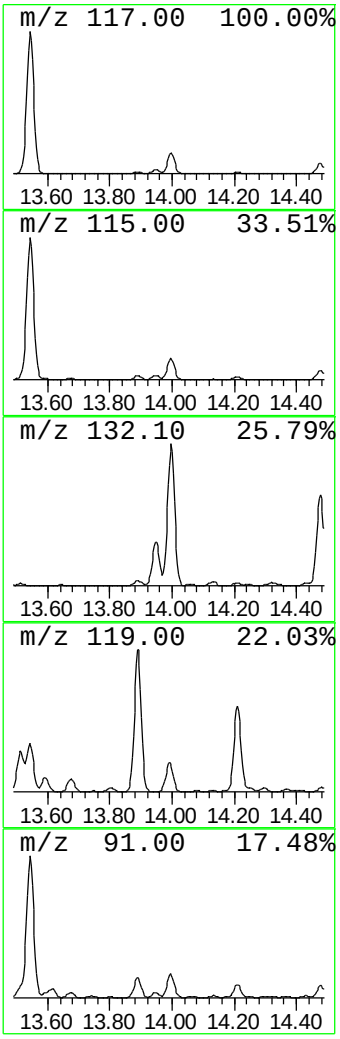
Peak Number 10 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	9.30 ug/l	676975	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052726.D
Acq On : 7 Dec 2018 14:59
Operator : MD\SY
Sample : J6019-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MW-7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
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
Butane, 2-methyl-	2.81	45.0	ug/l	3490290	1	7.67	3874630	50.0
Pentane	3.15	14.2	ug/l	1098910	1	7.67	3874630	50.0
Cyclopropane, 1,2...	3.57	34.9	ug/l	2702680	1	7.67	3874630	50.0
Pentane, 3-methyl-	5.06	10.4	ug/l	806876	1	7.67	3874630	50.0
Cyclopropane, 1,1...	5.93	12.7	ug/l	986125	1	7.67	3874630	50.0
2-Pentene, 3-methyl-	6.38	12.3	ug/l	955529	1	7.67	3874630	50.0
Cyclopentane, met...	6.63	22.2	ug/l	1720930	1	7.67	3874630	50.0
Indane	13.54	59.2	ug/l	4305470	4	13.35	3638350	50.0
Indan, 1-methyl-	13.99	9.3	ug/l	676975	4	13.35	3638350	50.0