LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

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\82N110619W.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	3.249	440	459	487	rBV	149906	384584	1.71%	0.550%
2	3.789	605	627	680	rBV	4152681	11678582	51.93%	16.708%
3	4.037	687	704	735	rVB	357435	1011307	4.50%	1.447%
4	4.754	898	927	961	rBV	365114	1280140	5.69%	1.831%
5	5.018	982	1009	1034	rBV	181944	670563	2.98%	0.959%
6	6.812	1545	1567	1591	rBV	141560	416870	1.85%	0.596%
7	7.567	1783	1802	1813	rBV	283439	714304	3.18%	1.022%
8	7.645	1814	1826	1846	rVB	540390	1291563	5.74%	1.848%
9	8.018	1920	1942	1966	rBV3	1677257	4181688	18.59%	5.982%
10	8.567	2097	2113	2135	rBV	760762	1590846	7.07%	2.276%
11	9.024	2242	2255	2264	rBV	129741	274755	1.22%	0.393%
12	9.973	2537	2550	2568	rBV	344116	631044	2.81%	0.903%
13	10.079	2569	2583	2591	rBV	1251330	2305804	10.25%	3.299%
14	10.146	2591	2604	2630	rVB	10790656	22490085	100.00%	32.175%
15	10.744	2776	2790	2809	rBV	230643	419871	1.87%	0.601%
16	11.403	2981	2995	3007	rBV	1021384	1774636	7.89%	2.539%
17	11.506	3017	3027	3044	rVB	791878	1369447	6.09%	1.959%
18	11.616	3044	3061	3082	rBV	1490002	2946638	13.10%	4.216%
19	11.944	3142	3163	3179	rBV	4403160	7419472	32.99%	10.614%
20	12.027	3179	3189	3208	rVB	203378	340172	1.51%	0.487%
21	12.400	3294	3305	3326	rVB	831601	1398267	6.22%	2.000%
22	12.654	3374	3384	3390	rBV	253340	415779	1.85%	0.595%
23	12.731	3400	3408	3422	rVB2	384536	751431	3.34%	1.075%
24	12.892	3447	3458	3470	rVB	386126	647819	2.88%	0.927%
25	13.040	3499	3504	3512	rVV	173001	263907	1.17%	0.378%
26	13.345	3587	3599	3605	rBV	876566	1557427	6.92%	2.228%
27	13.451	3622	3632	3644	rBV	432534	680281	3.02%	0.973%
28	13.545	3645	3661	3668	rVV2	339387	618452	2.75%	0.885%
29	14.596	3977	3988	3999	rBV3	194604	373767	1.66%	0.535%

Sum of corrected areas: 69899501

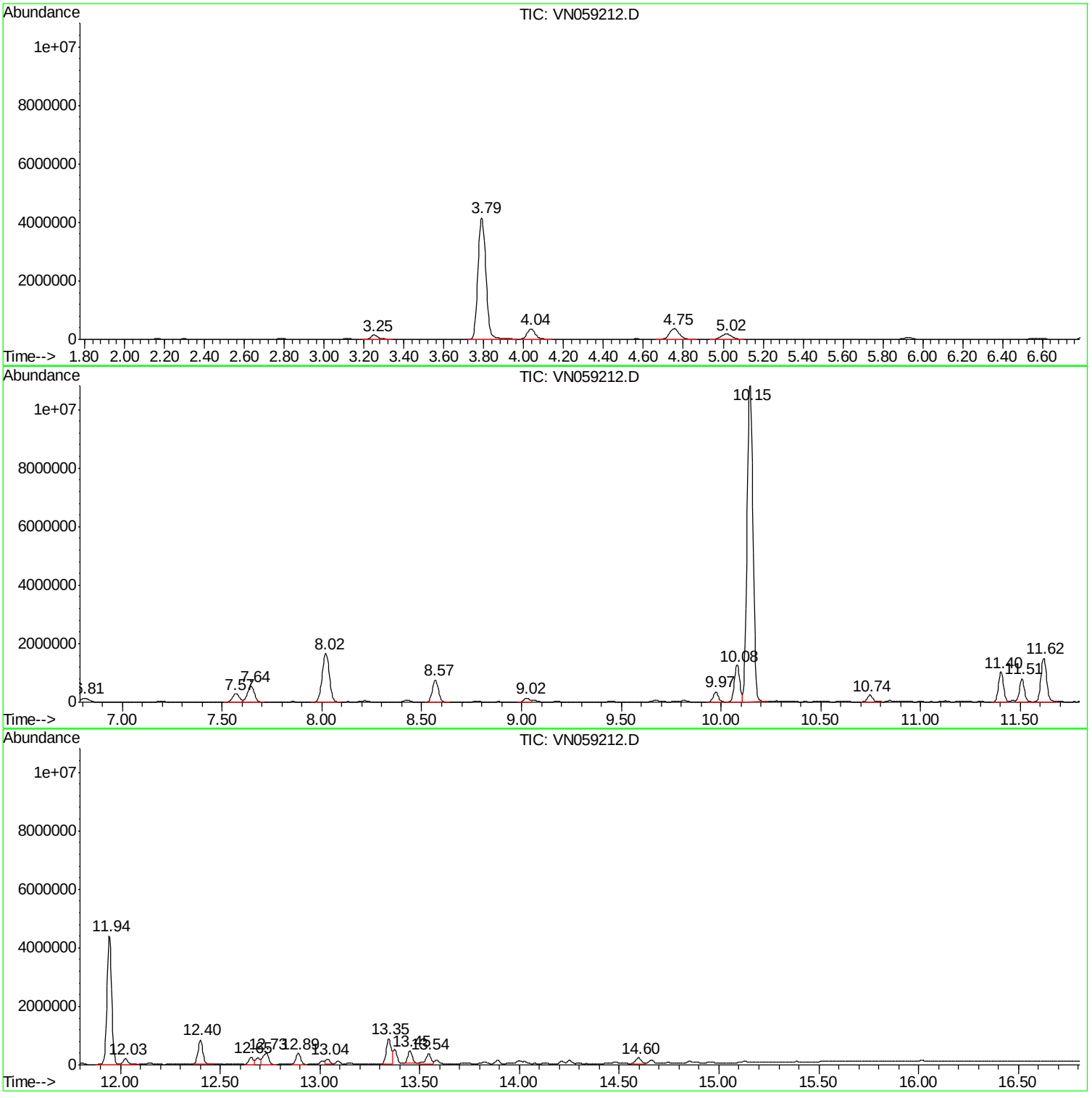
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.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\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
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Quant Title : SW846 8260

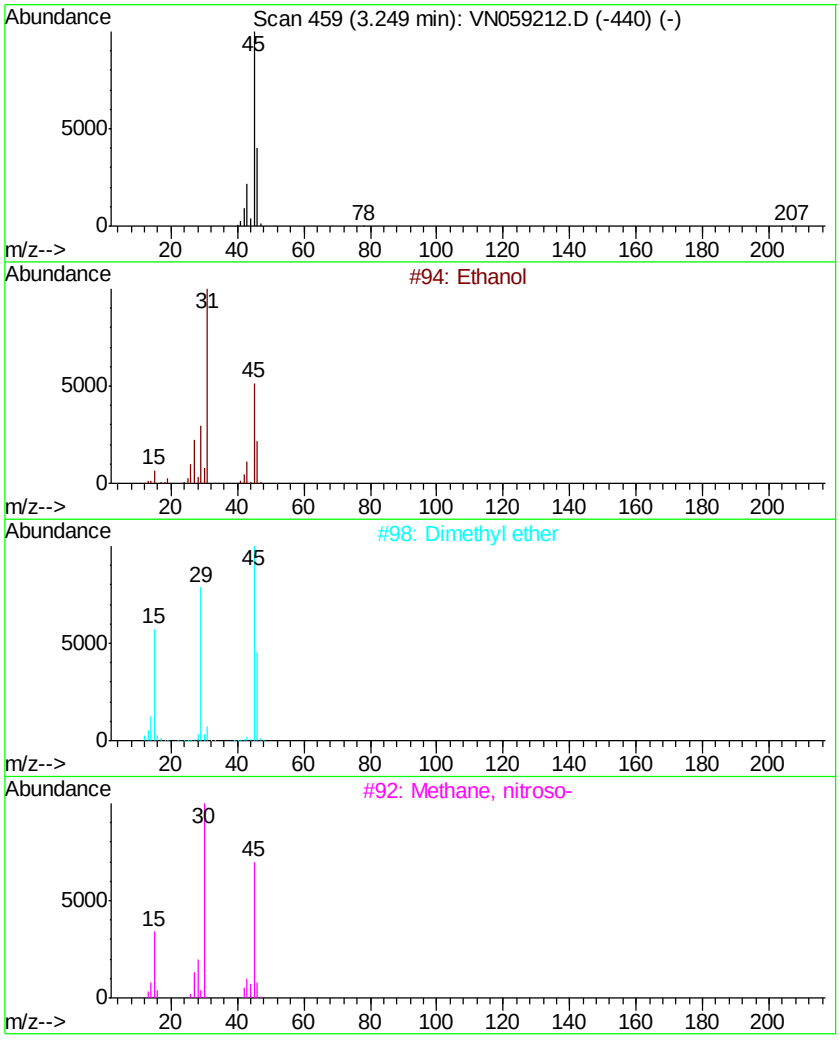
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

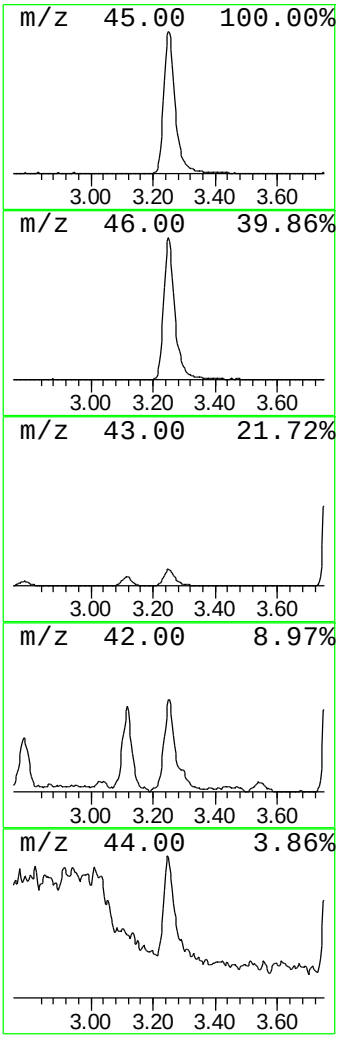
****

Peak Number 1 Ethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	14.89 ug/l	384584	Pentafluorobenzene	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Library Search Compound Report

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Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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

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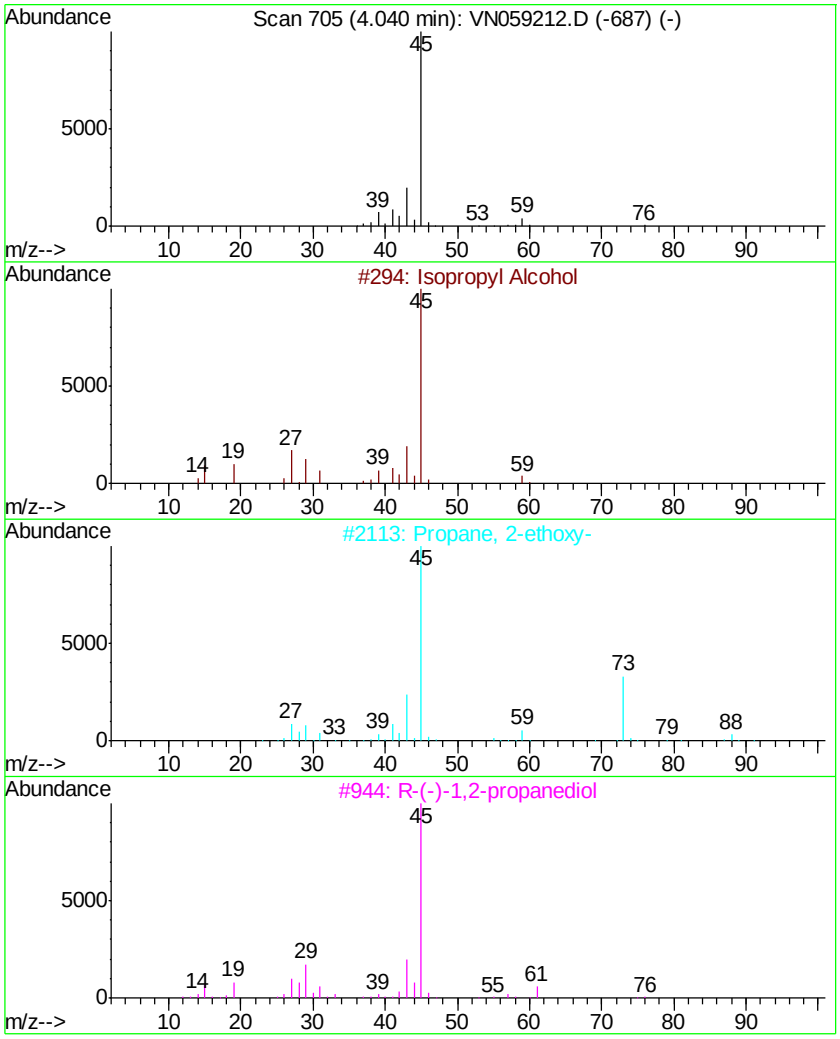
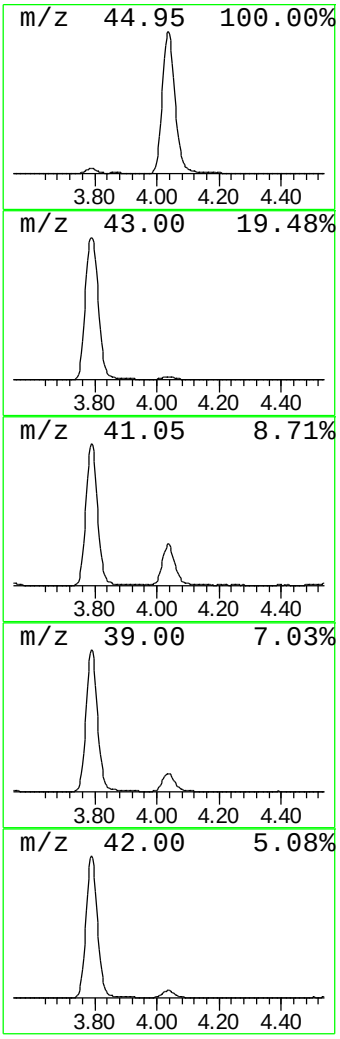
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	39.15 ug/l	1011310	Pentafluorobenzene	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

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

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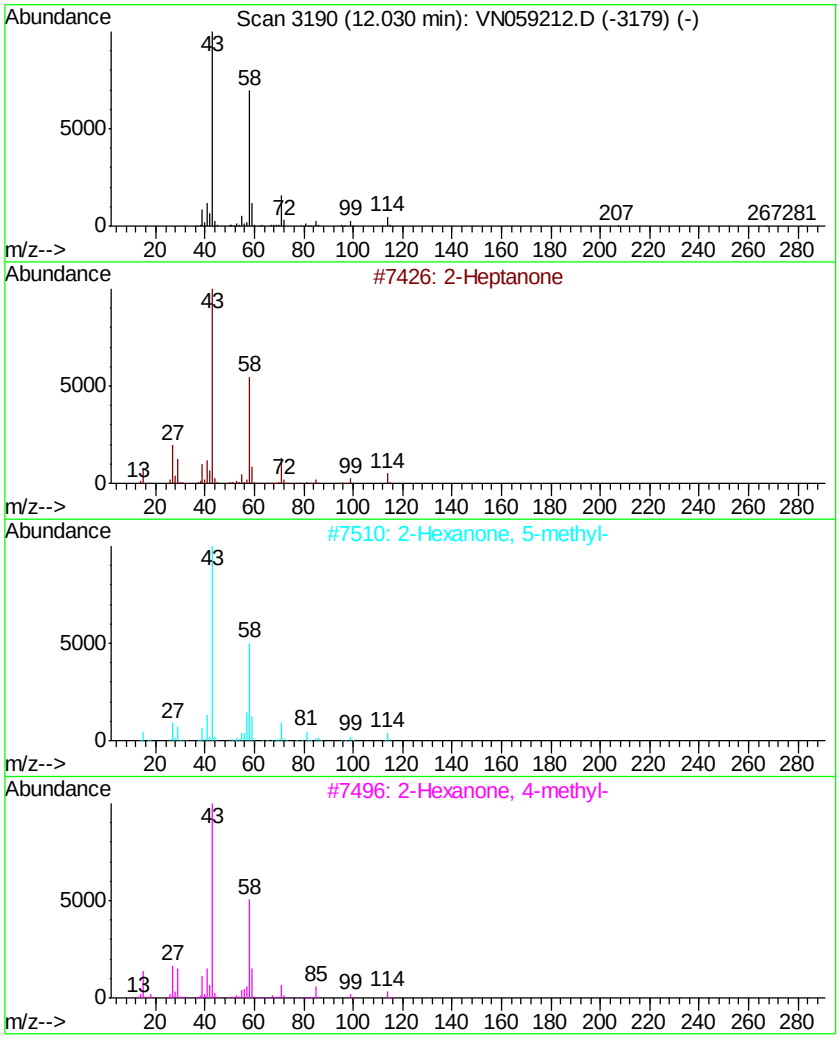
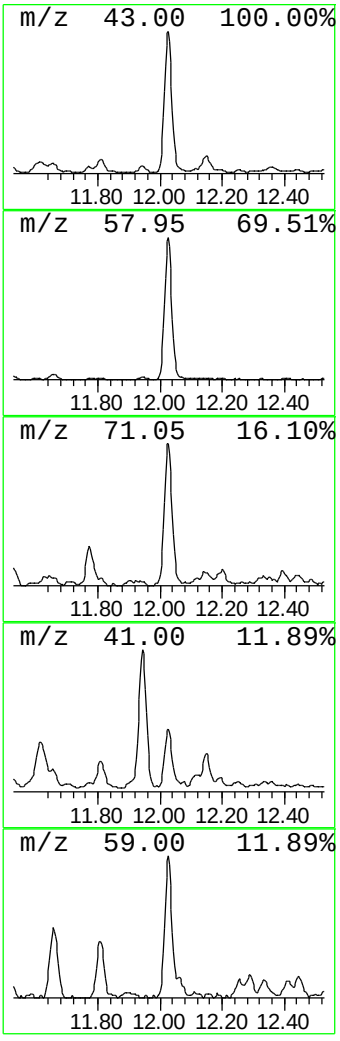
Peak Number 3 2-Heptanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.58 ug/l	340172	Chlorobenzene-d5	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	78
4	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	50
5	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	39





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

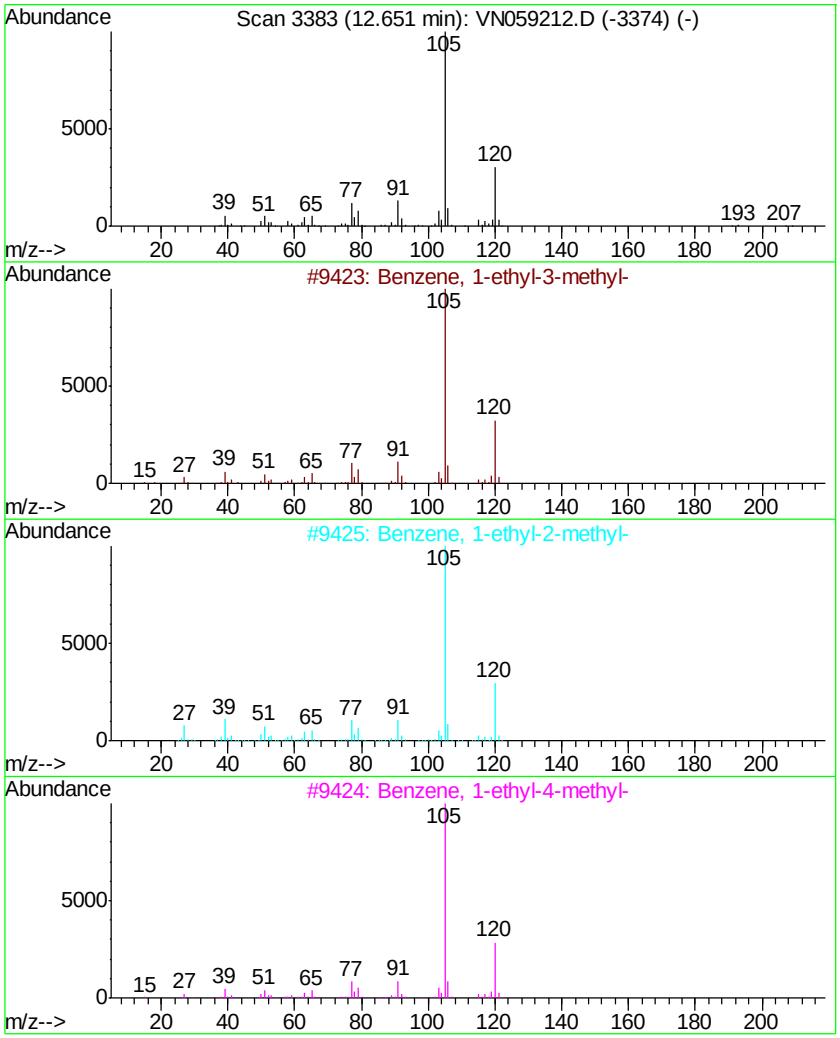
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

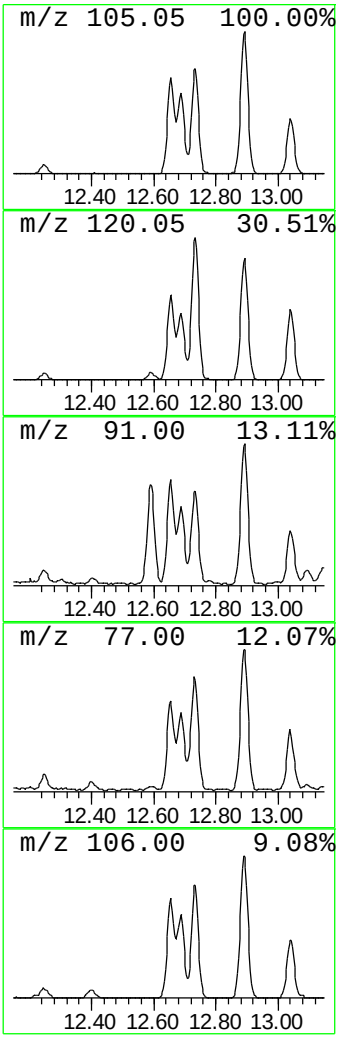
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	13.35 ug/l	415779	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

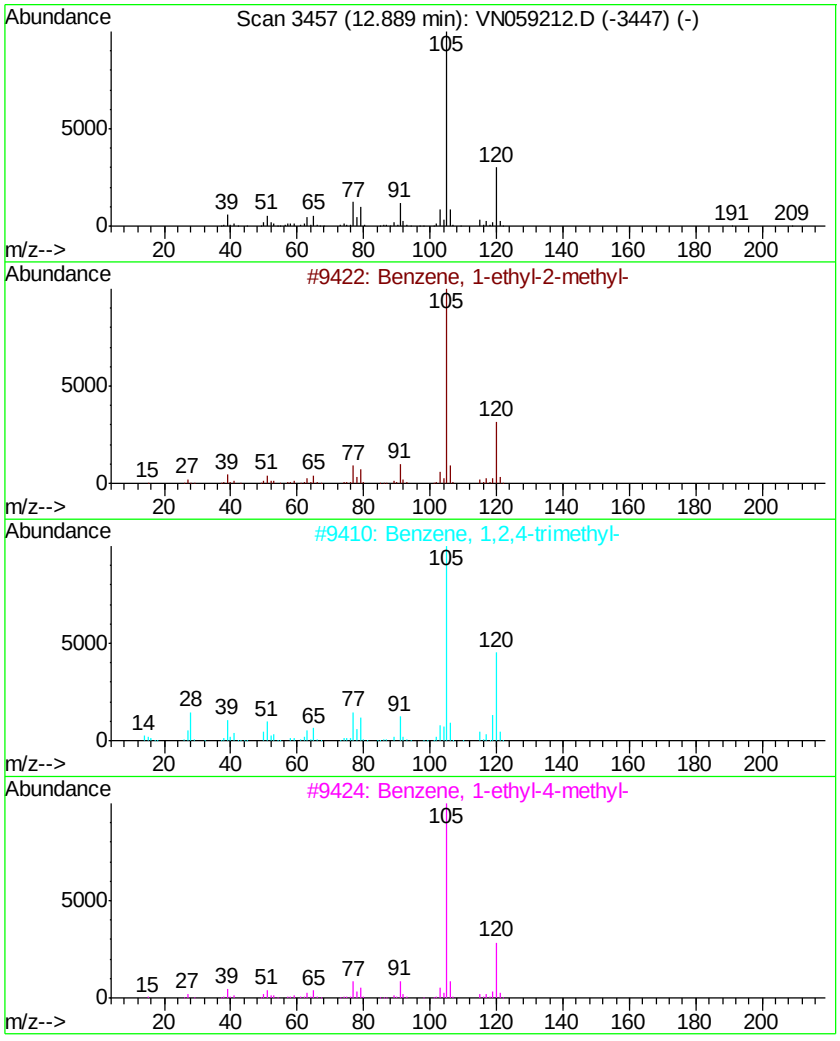
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

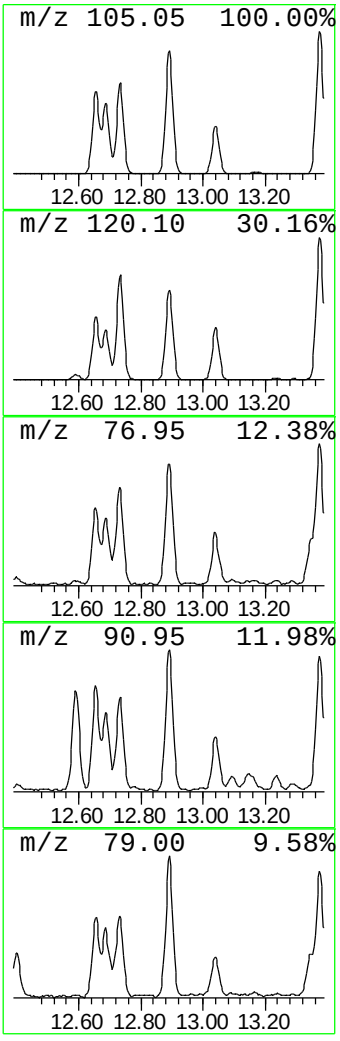
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	20.80 ug/l	647819	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

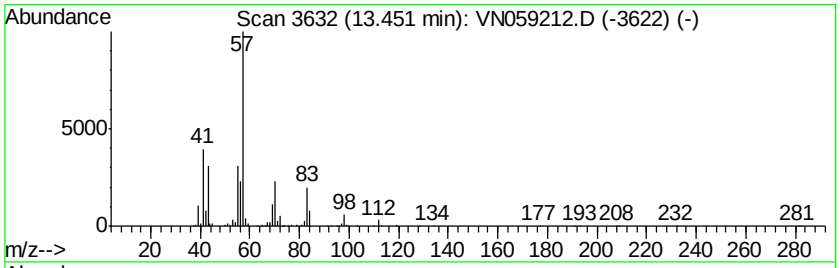
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

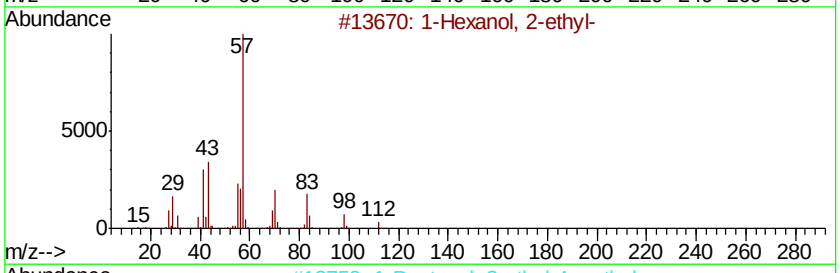
****

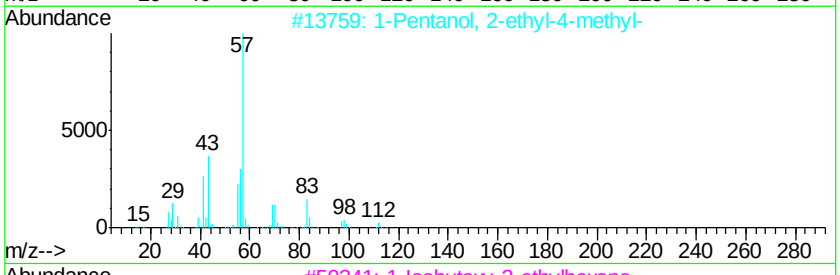
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 2

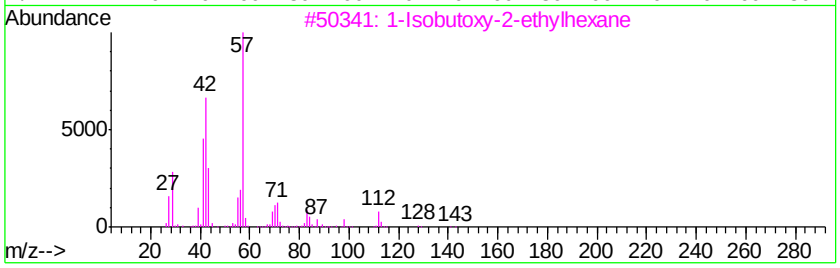
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	21.84 ug/l	680281	1,4-Dichlorobenzene-d4	13.35

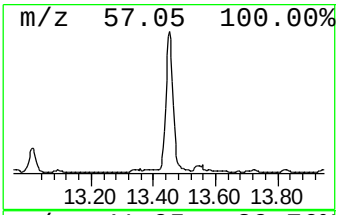
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47

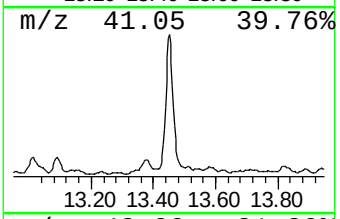


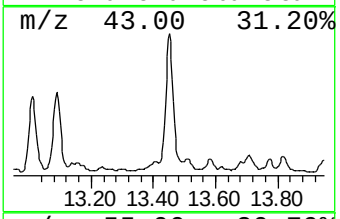


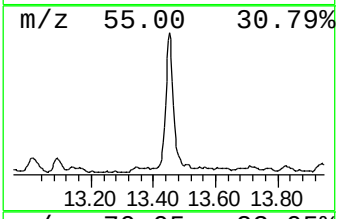


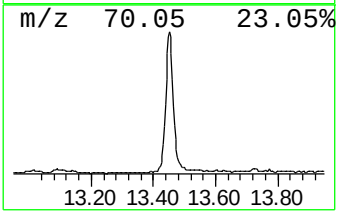












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Data File : VN059212.D
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Operator : JC/SP
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

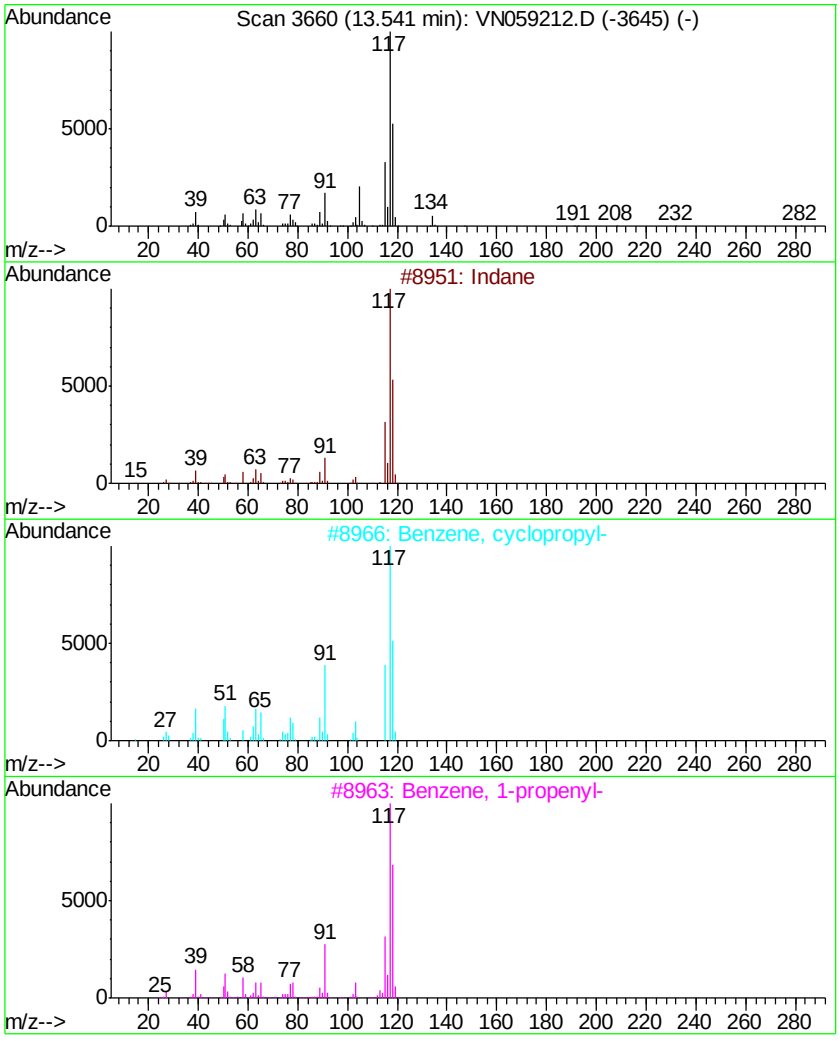
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

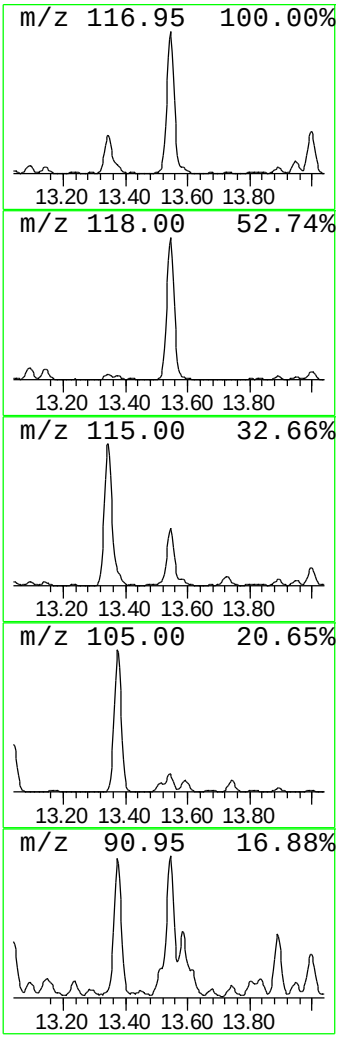
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	19.85 ug/l	618452	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
4	Deltacyclene	118	C9H10	007785-10-6	62
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260

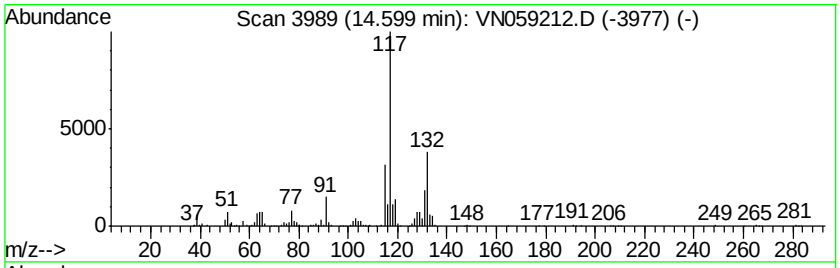
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

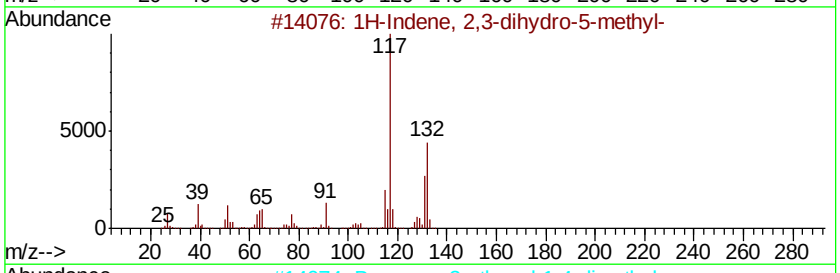
****

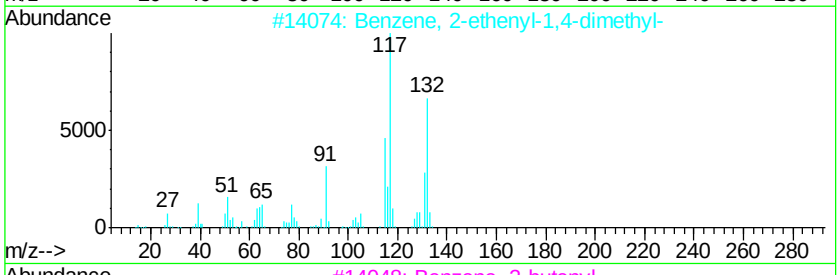
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

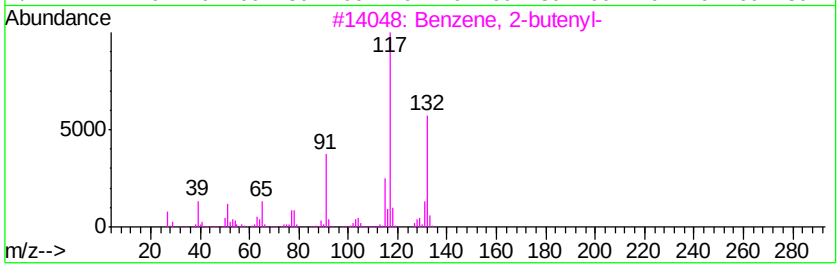
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	12.00 ug/l	373767	1,4-Dichlorobenzene-d4	13.35

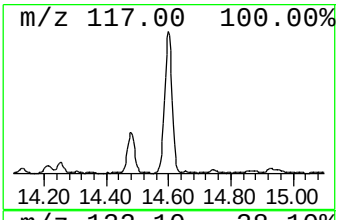
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87

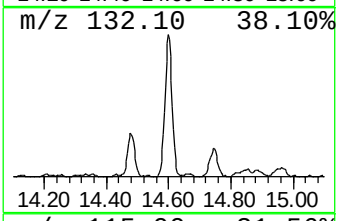


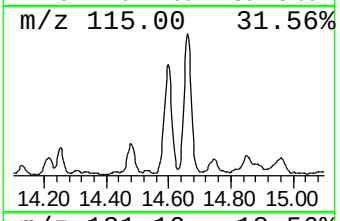


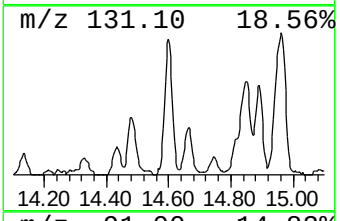


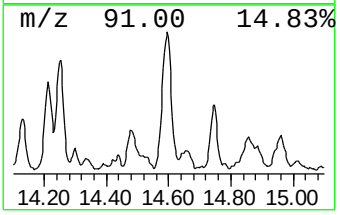












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111319\
Data File : VN059212.D
Acq On : 13 Nov 2019 16:21
Operator : JC/SP
Sample : K5814-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30535

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.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
Ethanol	3.25	14.9	ug/l	384584	1	7.64	1291560	50.0
Isopropyl Alcohol	4.04	39.1	ug/l	1011310	1	7.64	1291560	50.0
2-Heptanone	12.03	9.6	ug/l	340172	3	11.40	1774640	50.0
Benzene, 1-ethyl-...	12.65	13.4	ug/l	415779	4	13.35	1557430	50.0
Benzene, 1-ethyl-...	12.89	20.8	ug/l	647819	4	13.35	1557430	50.0
1-Hexanol, 2-ethyl-	13.45	21.8	ug/l	680281	4	13.35	1557430	50.0
Indane	13.54	19.9	ug/l	618452	4	13.35	1557430	50.0
1H-Indene, 2,3-di...	14.60	12.0	ug/l	373767	4	13.35	1557430	50.0