LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

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_U\METHOD\82U112818W.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	2.321	348	357	368	rBV2	22854	36283	2.08%	0.237%
2	2.829	505	515	529	rVB3	8328	19127	1.10%	0.125%
3	4.193	920	939	974	rBV4	30184	129216	7.41%	0.845%
4	4.884	1136	1154	1171	rBV	237059	529864	30.40%	3.467%
5	4.984	1171	1185	1206	rVB	351952	770406	44.20%	5.041%
6	5.308	1271	1286	1302	rBV	294057	628267	36.04%	4.111%
7	5.392	1302	1312	1327	rVB2	38940	82464	4.73%	0.540%
8	5.887	1452	1466	1496	rBV	603661	1213457	69.61%	7.940%
9	7.295	1892	1904	1917	rBV4	12747	25026	1.44%	0.164%
10	7.566	1974	1988	2009	rBV	979012	1743194	100.00%	11.406%
11	8.398	2229	2247	2258	rBV	21759	40027	2.30%	0.262%
12	8.469	2258	2269	2284	rVB4	13744	25838	1.48%	0.169%
13	9.090	2449	2462	2500	rVB	891293	1498262	85.95%	9.804%
14	9.250	2500	2512	2533	rBV	141314	234428	13.45%	1.534%
15	9.373	2540	2550	2568	rVB	42857	73922	4.24%	0.484%
16	9.778	2667	2676	2688	rVB3	35349	54887	3.15%	0.359%
17	10.041	2746	2758	2765	rBV9	9063	22169	1.27%	0.145%
18	10.163	2782	2796	2805	rBV2	31861	54143	3.11%	0.354%
19	10.305	2828	2840	2865	rBV	714416	1165885	66.88%	7.629%
20	10.588	2917	2928	2943	rVB	56238	90481	5.19%	0.592%
21	10.681	2948	2957	2963	rBV	15185	26000	1.49%	0.170%
22	10.771	2976	2985	2994	rBV	38324	53936	3.09%	0.353%
23	10.971	3037	3047	3057	rBV	51543	84667	4.86%	0.554%
24	11.096	3072	3086	3093	rBV5	27132	51266	2.94%	0.335%
25	11.147	3093	3102	3114	rVB	77923	119904	6.88%	0.785%
26	11.321	3138	3156	3164	rBV6	21707	50401	2.89%	0.330%
27	11.369	3165	3171	3183	rVB5	25301	37741	2.17%	0.247%
28	11.482	3194	3206	3221	rBV	951642	1478177	84.80%	9.672%
29	11.569	3223	3233	3253	rBV	129742	218703	12.55%	1.431%
30	11.765	3280	3294	3317	rVV	328416	594731	34.12%	3.891%
31	11.874	3317	3328	3341	rVB3	47608	98203	5.63%	0.643%
32	11.980	3354	3361	3373	rVV5	28270	44673	2.56%	0.292%
33	12.048	3373	3382	3393	rVB4	24129	44769	2.57%	0.293%
34	12.141	3398	3411	3417	rBV5	26599	47352	2.72%	0.310%

LSC Area Percent Report

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Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

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_U\METHOD\82U112818W.M
Title : SW846 8260

35	12.250	3436	3445	3453	rBV	177386	261413	15.00%	1.710%
36	12.353	3467	3477	3487	rBV2	88211	172083	9.87%	1.126%
37	12.443	3498	3505	3515	rVB	108496	153477	8.80%	1.004%
38	12.565	3530	3543	3551	rVB6	68909	120604	6.92%	0.789%
39	12.649	3552	3569	3578	rVV	200745	340216	19.52%	2.226%
40	12.700	3578	3585	3598	rVB	79824	130573	7.49%	0.854%
41	12.781	3598	3610	3622	rBV7	31650	74006	4.25%	0.484%
42	12.964	3659	3667	3682	rVB	66887	106298	6.10%	0.696%
43	13.118	3705	3715	3727	rVV2	345955	562203	32.25%	3.679%
44	13.183	3728	3735	3746	rVB2	62991	106590	6.11%	0.697%
45	13.289	3759	3768	3780	rVB3	83608	132204	7.58%	0.865%
46	13.382	3781	3797	3808	rBV3	48184	113294	6.50%	0.741%
47	13.453	3809	3819	3830	rBV3	149540	247779	14.21%	1.621%
48	13.511	3831	3837	3843	rVB6	22320	28588	1.64%	0.187%
49	13.556	3844	3851	3854	rBV2	19540	28211	1.62%	0.185%
50	13.675	3882	3888	3896	rVB9	16579	25643	1.47%	0.168%
51	13.742	3899	3909	3930	rVB	78213	175379	10.06%	1.148%
52	13.855	3930	3944	3960	rBV10	17891	64805	3.72%	0.424%
53	13.941	3962	3971	3983	rBV8	37417	64599	3.71%	0.423%
54	14.006	3983	3991	3997	rBV3	42478	58800	3.37%	0.385%
55	14.179	4031	4045	4053	rBV	60505	115076	6.60%	0.753%
56	14.244	4058	4065	4076	rVB6	47154	81623	4.68%	0.534%
57	14.314	4079	4087	4092	rBV2	26825	43301	2.48%	0.283%
58	14.408	4110	4116	4122	rBV5	14123	20780	1.19%	0.136%
59	14.449	4122	4129	4143	rVB5	39503	71002	4.07%	0.465%
60	14.710	4193	4210	4229	rVB	140332	255687	14.67%	1.673%
61	14.874	4256	4261	4276	rVB7	18660	34284	1.97%	0.224%
62	15.060	4312	4319	4331	rVB	29090	48887	2.80%	0.320%
63	15.202	4351	4363	4375	rBV3	79659	136134	7.81%	0.891%
64	15.343	4396	4407	4419	rVB5	41895	69225	3.97%	0.453%
65	15.729	4516	4527	4538	rBV4	29011	52259	3.00%	0.342%

Sum of corrected areas: 15282892

LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
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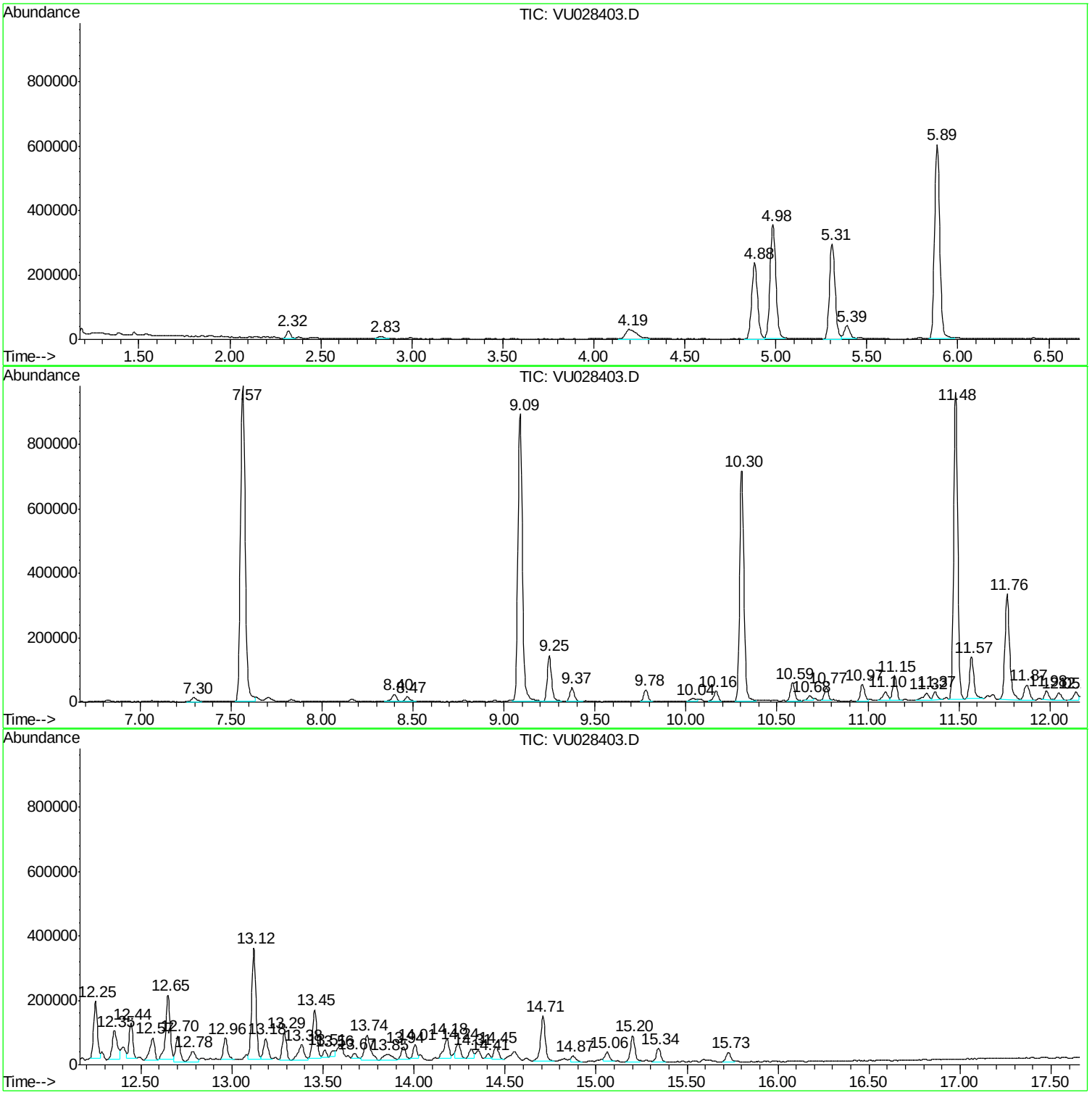
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.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 U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
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Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

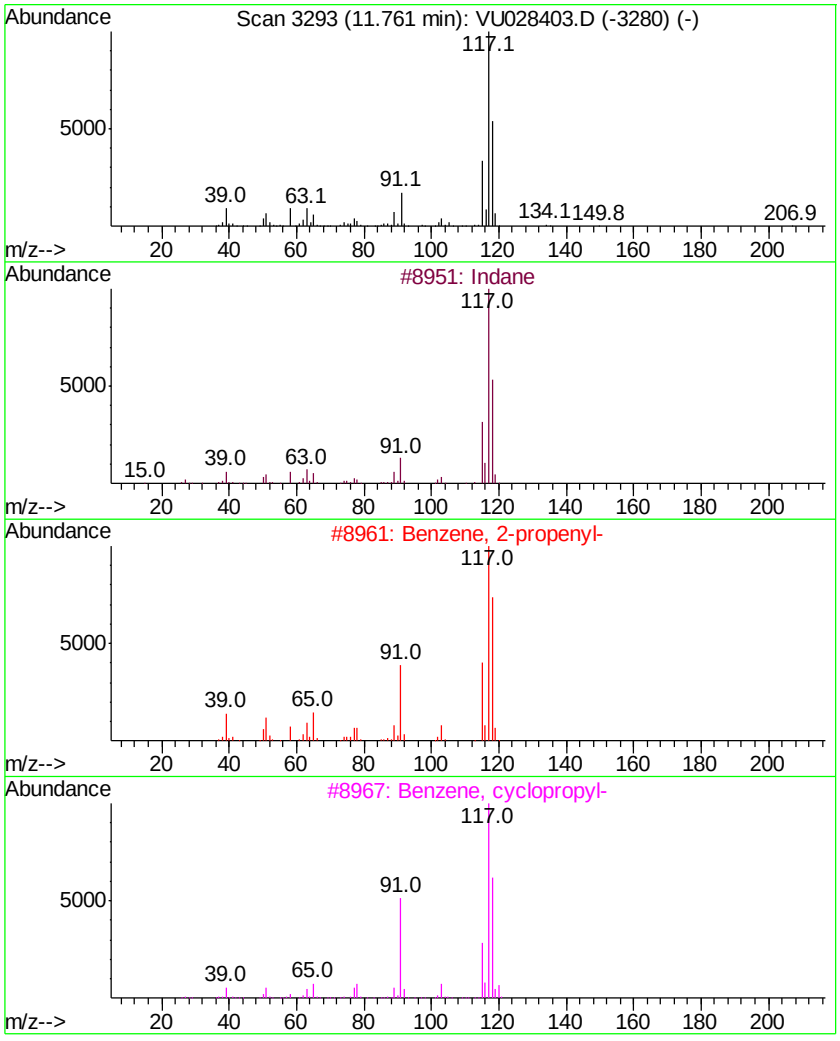
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

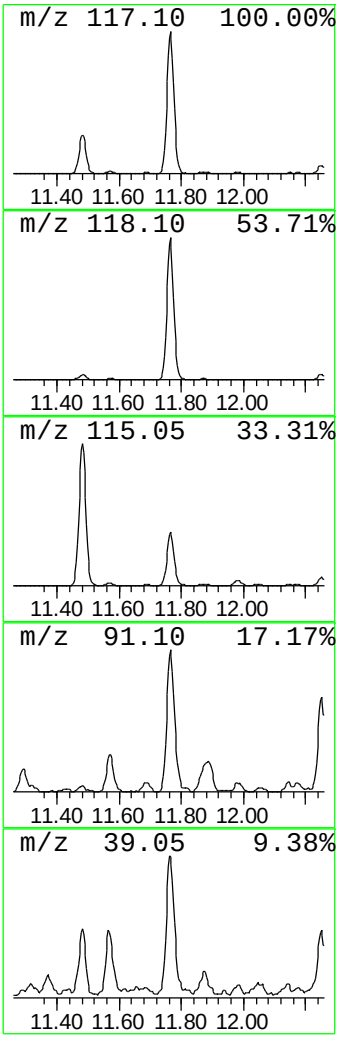
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	20.12 ug/l	594731	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Deltacyclene	118	C9H10	007785-10-6	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

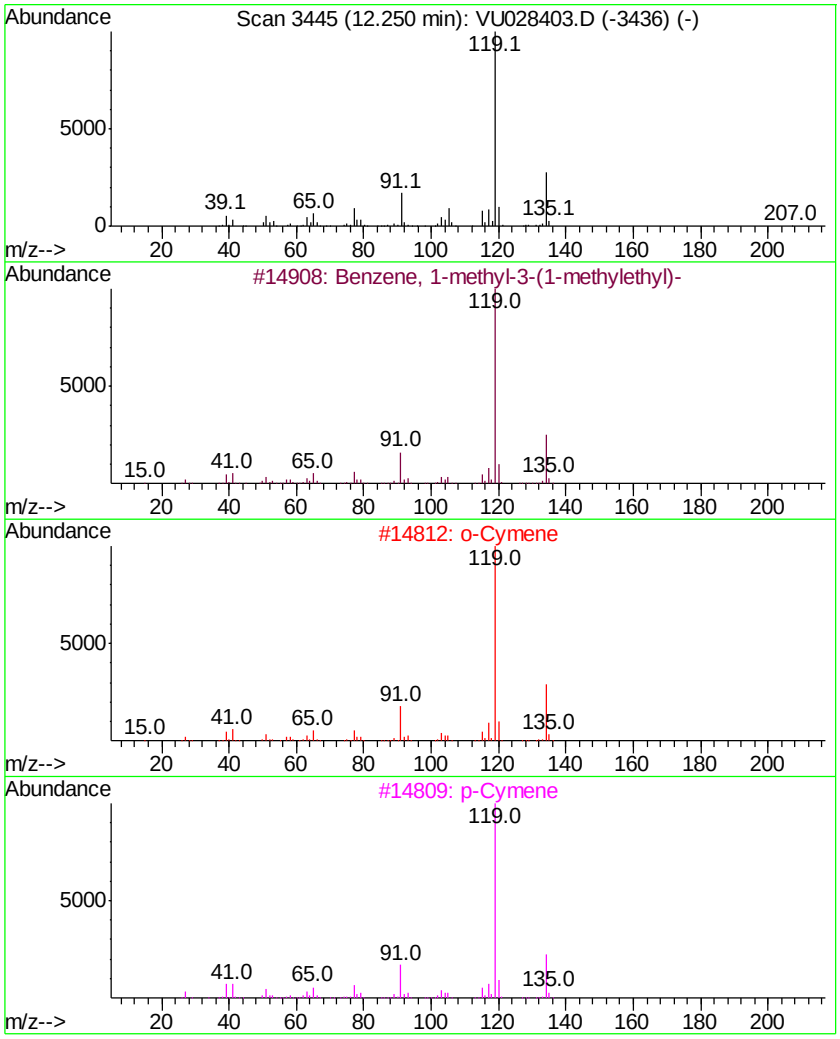
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

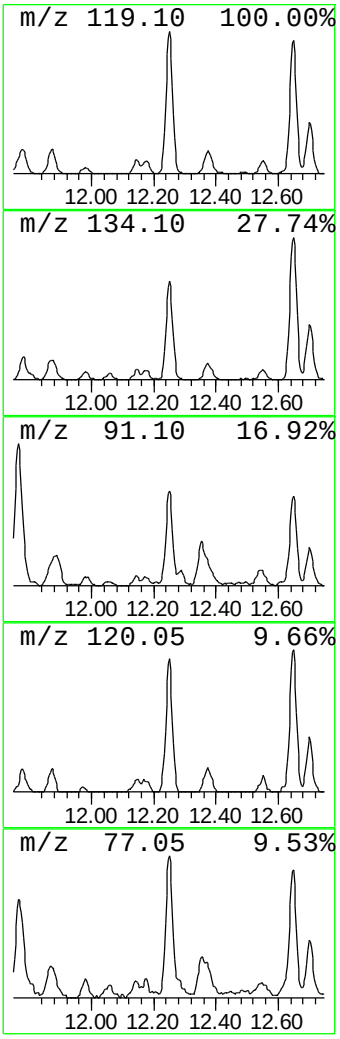
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.84 ug/l	261413	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

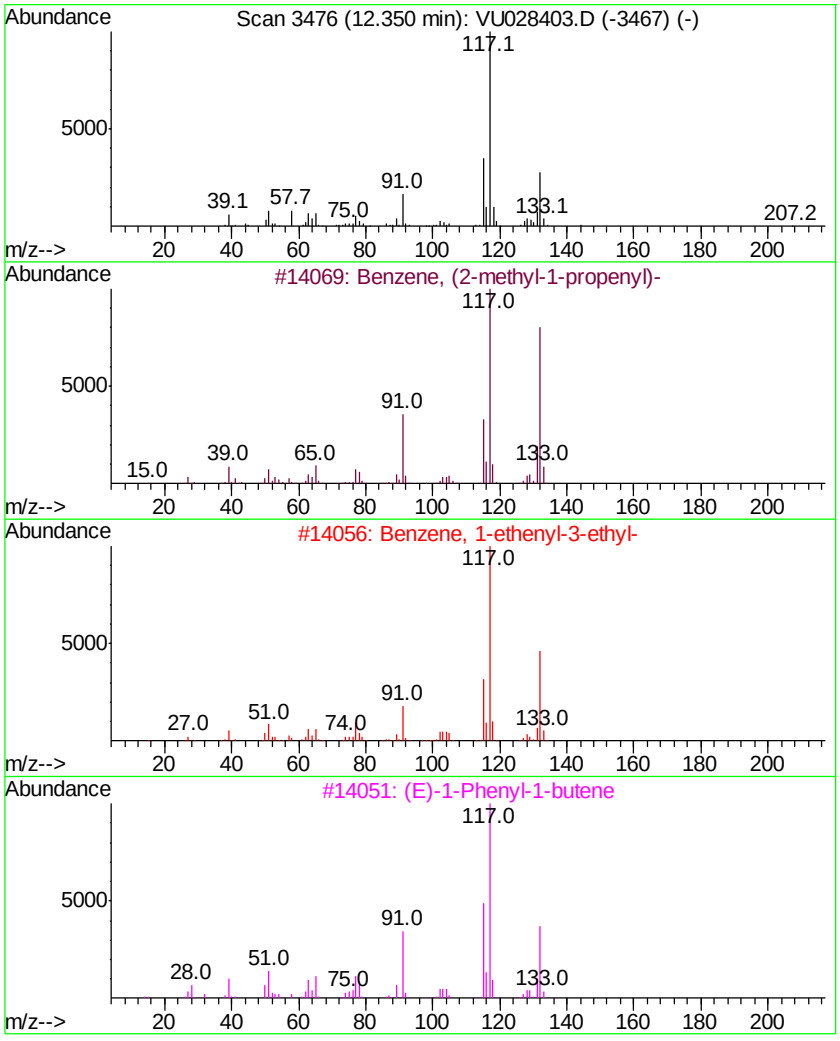
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

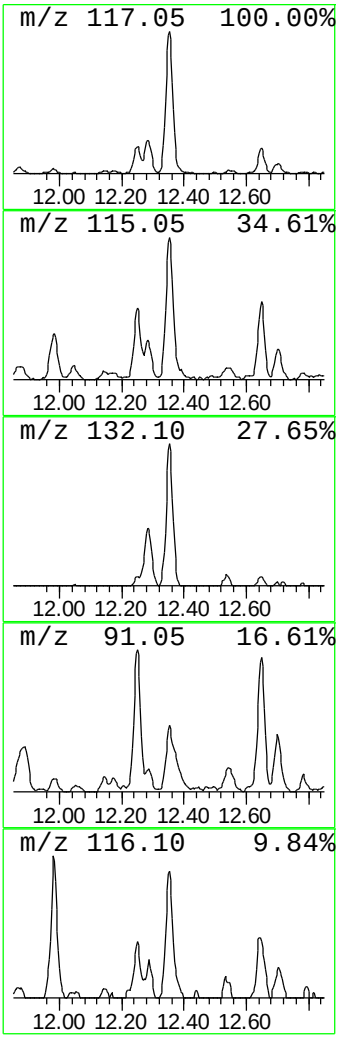
****

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	5.82 ug/l	172083	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

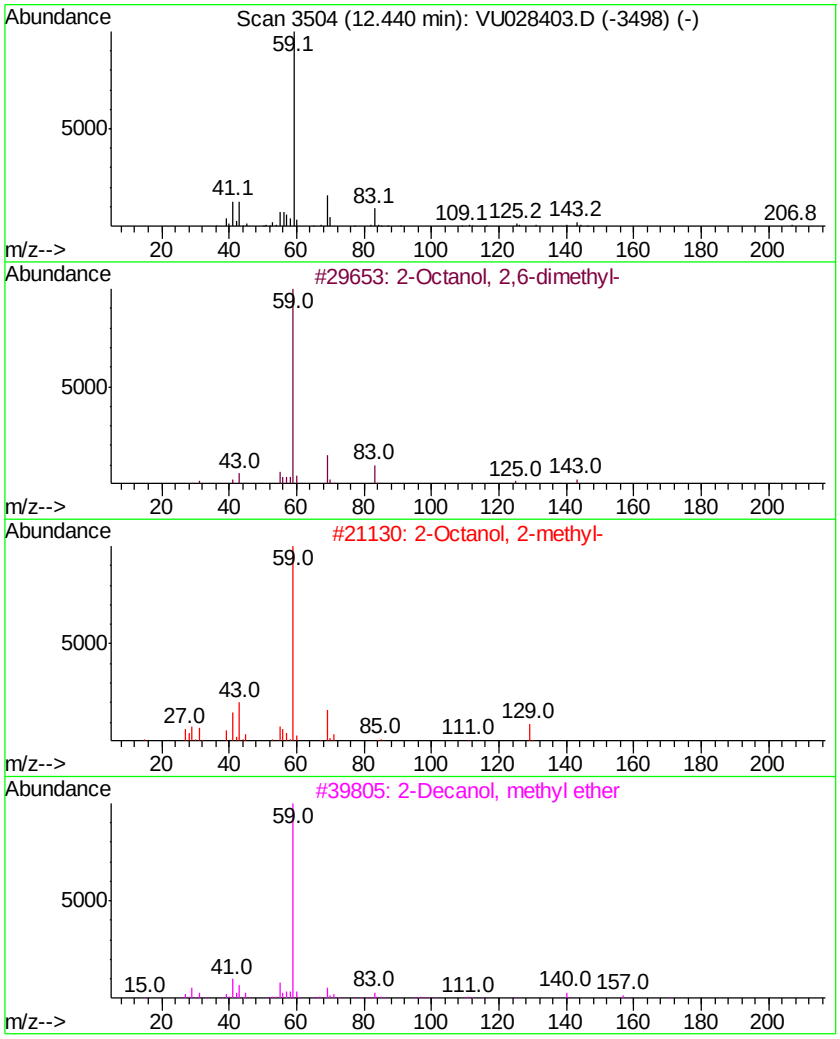
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

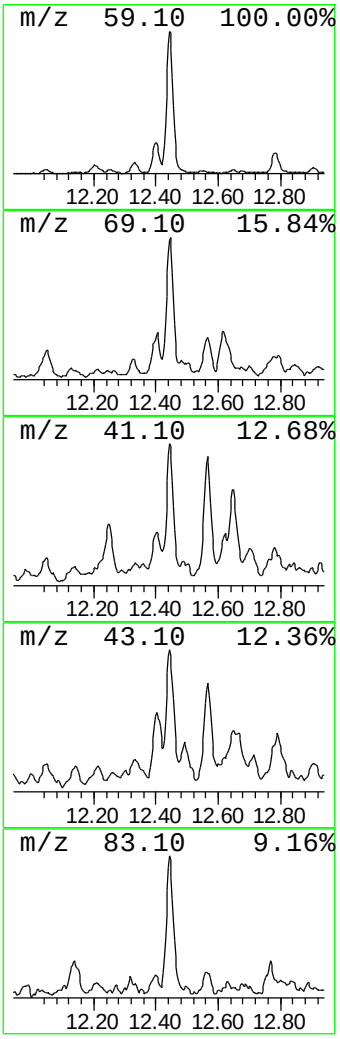
****

Peak Number 5 2-Octanol, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.19 ug/l	153477	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	56
2	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	50
3	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	39
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
5	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	36





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Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

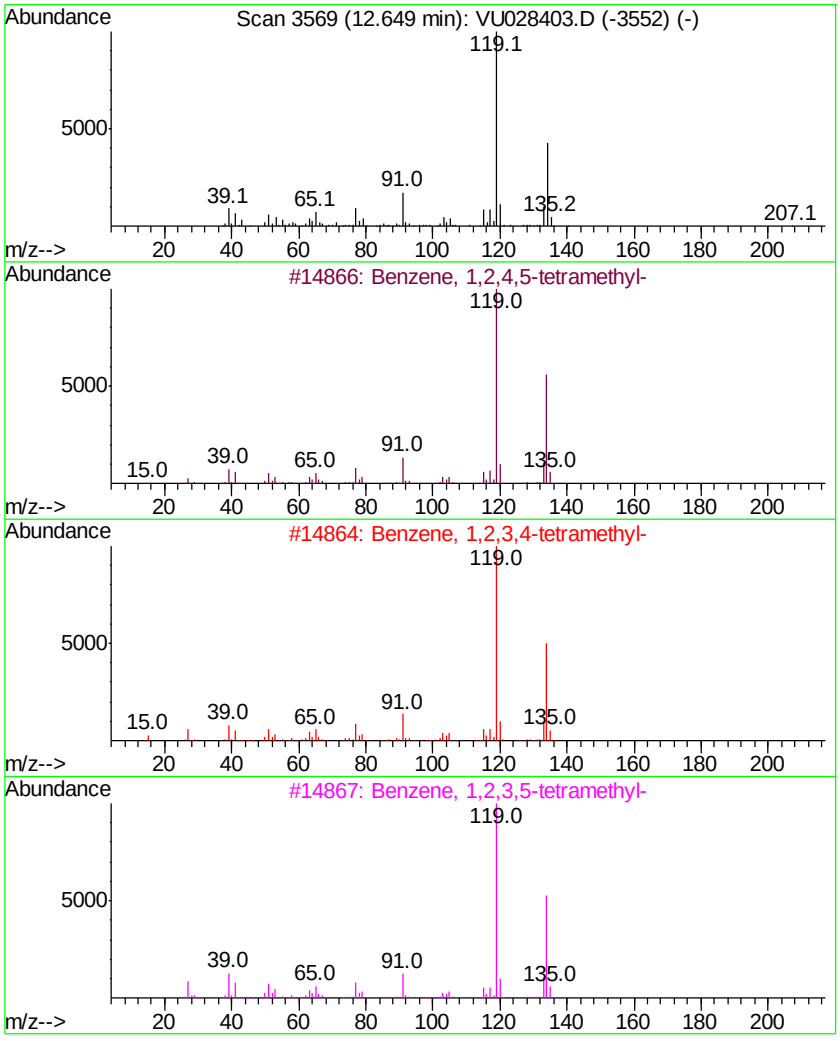
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

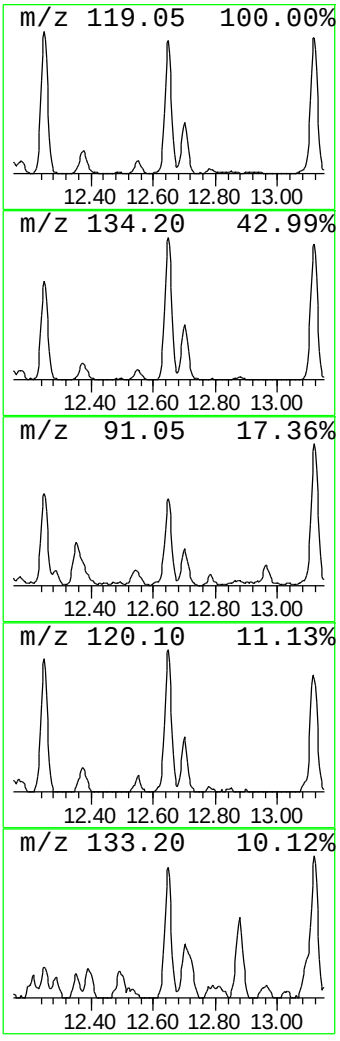
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	11.51 ug/l	340216	1,4-Dichlorobenzene-d4	11.48

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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	o-Cymene	134	C10H14	000527-84-4	91





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

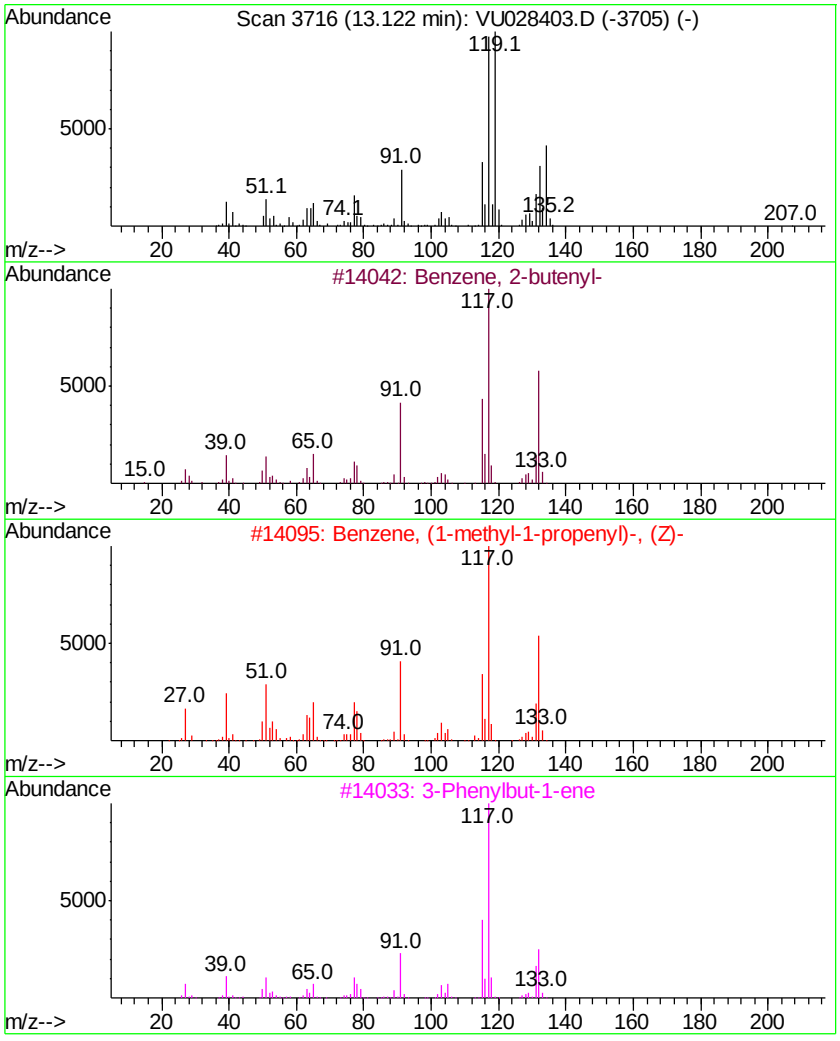
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

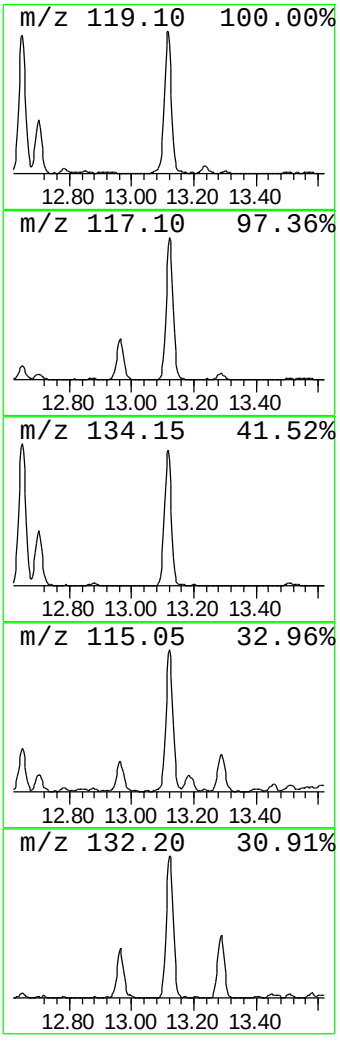
****

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	19.02 ug/l	562203	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260

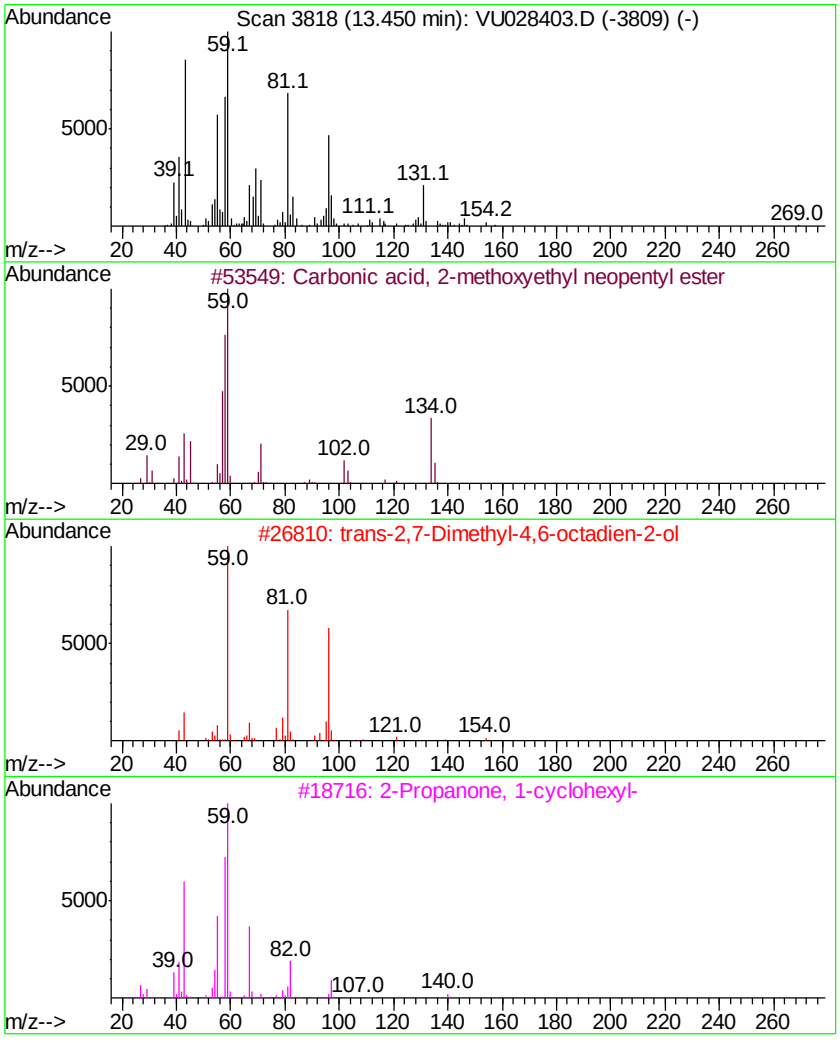
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

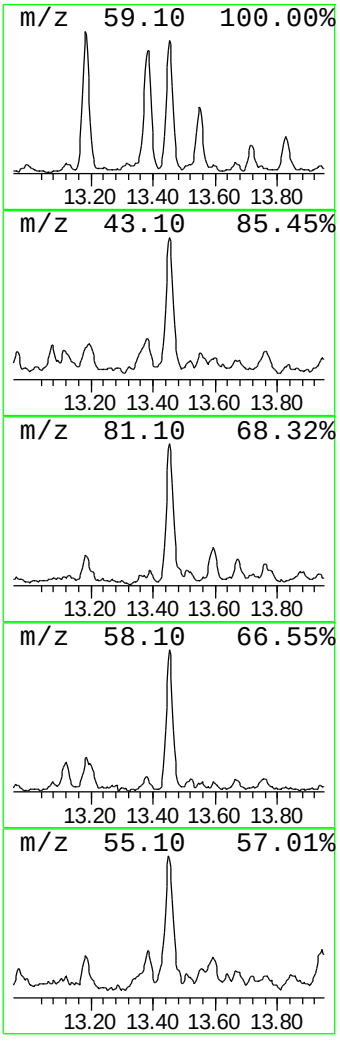
****

Peak Number 8 unknown13.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	8.38 ug/l	247779	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 2-methoxyethyl ne...	190	C9H18O4	1000331-42-7	43
2	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	43
3	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38
4	N-3-Dimethylaminopropylsuccinimide	184	C9H16N2O2	007268-51-1	35
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112918\
Data File : VU028403.D
Acq On : 29 Nov 2018 18:53
Operator : MD/SY
Sample : J6134-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.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
Indane	11.76	20.1	ug/l	594731	4	11.48	1478180	50.0
Benzene, 1-methyl...	12.25	8.8	ug/l	261413	4	11.48	1478180	50.0
Benzene, (2-methy...	12.35	5.8	ug/l	172083	4	11.48	1478180	50.0
2-Octanol, 2,6-di...	12.44	5.2	ug/l	153477	4	11.48	1478180	50.0
Benzene, 1,2,4,5-...	12.65	11.5	ug/l	340216	4	11.48	1478180	50.0
Benzene, 2-butenyl-	13.12	19.0	ug/l	562203	4	11.48	1478180	50.0
unknown13.45	13.45	8.4	ug/l	247779	4	11.48	1478180	50.0