LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

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\82U100118W.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	2.447	383	396	413	rBV	25907	46254	1.53%	0.185%
2	4.887	1138	1155	1171	rBV	109489	245618	8.10%	0.982%
3	4.987	1171	1186	1210	rVV	184885	410878	13.55%	1.643%
4	5.312	1272	1287	1317	rBV2	134139	290177	9.57%	1.160%
5	5.890	1452	1467	1512	rBV	276838	564609	18.62%	2.258%
6	6.418	1614	1631	1644	rBV4	14288	31607	1.04%	0.126%
7	7.566	1967	1988	2019	rBV	436960	817357	26.96%	3.269%
8	7.919	2086	2098	2115	rBV2	32147	57416	1.89%	0.230%
9	8.492	2253	2276	2284	rBV6	16362	34066	1.12%	0.136%
10	8.546	2285	2293	2303	rVV2	26912	47684	1.57%	0.191%
11	8.607	2303	2312	2321	rVV2	35177	65018	2.14%	0.260%
12	8.848	2369	2387	2401	rBV4	25239	51345	1.69%	0.205%
13	9.093	2450	2463	2480	rBV	375094	637108	21.01%	2.548%
14	9.189	2480	2493	2503	rVV	53158	96063	3.17%	0.384%
15	9.250	2503	2512	2524	rVB5	23089	44603	1.47%	0.178%
16	9.382	2537	2553	2567	rBV5	70496	226091	7.46%	0.904%
17	9.446	2567	2573	2595	rVB3	25140	55439	1.83%	0.222%
18	9.572	2600	2612	2625	rBV2	47039	81672	2.69%	0.327%
19	9.723	2641	2659	2678	rBV6	64753	215951	7.12%	0.864%
20	9.810	2678	2686	2697	rVB4	16930	31442	1.04%	0.126%
21	9.954	2709	2731	2743	rBV3	120949	258351	8.52%	1.033%
22	10.048	2749	2760	2779	rBV6	98777	214224	7.07%	0.857%
23	10.167	2786	2797	2808	rBV	915779	1409826	46.50%	5.638%
24	10.308	2831	2841	2853	rVB	304834	470961	15.53%	1.883%
25	10.379	2853	2863	2873	rBV	71312	116603	3.85%	0.466%
26	10.495	2890	2899	2915	rVB3	114550	195563	6.45%	0.782%
27	10.588	2916	2928	2952	rBV	1194006	1869103	61.65%	7.474%
28	10.707	2954	2965	2974	rVV2	130931	216272	7.13%	0.865%
29	10.771	2974	2985	2993	rVV2	50870	88630	2.92%	0.354%
30	10.864	3006	3014	3025	rVB4	25498	47762	1.58%	0.191%
31	10.983	3039	3051	3068	rVB4	73059	156041	5.15%	0.624%
32	11.102	3068	3088	3094	rBV	99728	185854	6.13%	0.743%
33	11.151	3094	3103	3128	rVB	776679	1236959	40.80%	4.946%
34	11.292	3129	3147	3151	rBV	157649	275209	9.08%	1.101%

LSC Area Percent Report

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Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

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\82U100118W.M
Title : SW846 8260

35	11.324	3151	3157	3173	rVB	405852	631624	20.83%	2.526%
36	11.482	3197	3206	3219	rVB	398514	615115	20.29%	2.460%
37	11.572	3221	3234	3244	rBV	259838	397918	13.12%	1.591%
38	11.691	3259	3271	3282	rBV	169571	269168	8.88%	1.076%
39	11.768	3282	3295	3314	rVV2	1667808	3031923	100.00%	12.124%
40	11.864	3316	3325	3348	rVB4	221925	593783	19.58%	2.374%
41	11.980	3350	3361	3376	rBV	187087	303004	9.99%	1.212%
42	12.147	3405	3413	3417	rBV	41580	59053	1.95%	0.236%
43	12.176	3418	3422	3432	rVV	47528	70712	2.33%	0.283%
44	12.250	3432	3445	3452	rVV	928079	1453412	47.94%	5.812%
45	12.286	3452	3456	3467	rVV	403852	577139	19.04%	2.308%
46	12.356	3467	3478	3496	rVV2	784967	1743364	57.50%	6.971%
47	12.437	3497	3503	3512	rVV	74057	111468	3.68%	0.446%
48	12.540	3514	3535	3550	rVB2	178618	342299	11.29%	1.369%
49	12.649	3551	3569	3579	rBV	498992	826760	27.27%	3.306%
50	12.704	3579	3586	3601	rVB2	57118	117097	3.86%	0.468%
51	12.787	3603	3612	3630	rVB2	85825	135600	4.47%	0.542%
52	12.880	3630	3641	3647	rBV	56956	88240	2.91%	0.353%
53	12.925	3647	3655	3662	rVV3	90692	160347	5.29%	0.641%
54	12.964	3662	3667	3674	rVV	78088	120749	3.98%	0.483%
55	12.996	3674	3677	3687	rVB	39004	50019	1.65%	0.200%
56	13.122	3694	3716	3729	rBV2	941307	1542711	50.88%	6.169%
57	13.192	3732	3738	3746	rVV4	38742	70758	2.33%	0.283%
58	13.237	3746	3752	3760	rVV	28701	48241	1.59%	0.193%
59	13.289	3760	3768	3791	rVB2	43921	96745	3.19%	0.387%
60	13.408	3796	3805	3811	rBV2	19968	31963	1.05%	0.128%
61	13.456	3812	3820	3828	rVV2	70777	116023	3.83%	0.464%
62	13.511	3828	3837	3845	rVV3	85166	139045	4.59%	0.556%
63	13.578	3845	3858	3863	rVV3	54909	127078	4.19%	0.508%
64	13.610	3863	3868	3892	rVB2	63340	119413	3.94%	0.478%
65	13.726	3892	3904	3916	rBV5	35964	77258	2.55%	0.309%
66	13.790	3916	3924	3935	rVB2	18247	30650	1.01%	0.123%
67	14.179	4028	4045	4054	rVB8	17165	35093	1.16%	0.140%
68	14.880	4253	4263	4277	rBV2	17095	31540	1.04%	0.126%
69	15.064	4311	4320	4336	rBV	29420	49973	1.65%	0.200%

Sum of corrected areas: 25007041

LSC Report - Integrated Chromatogram

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Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
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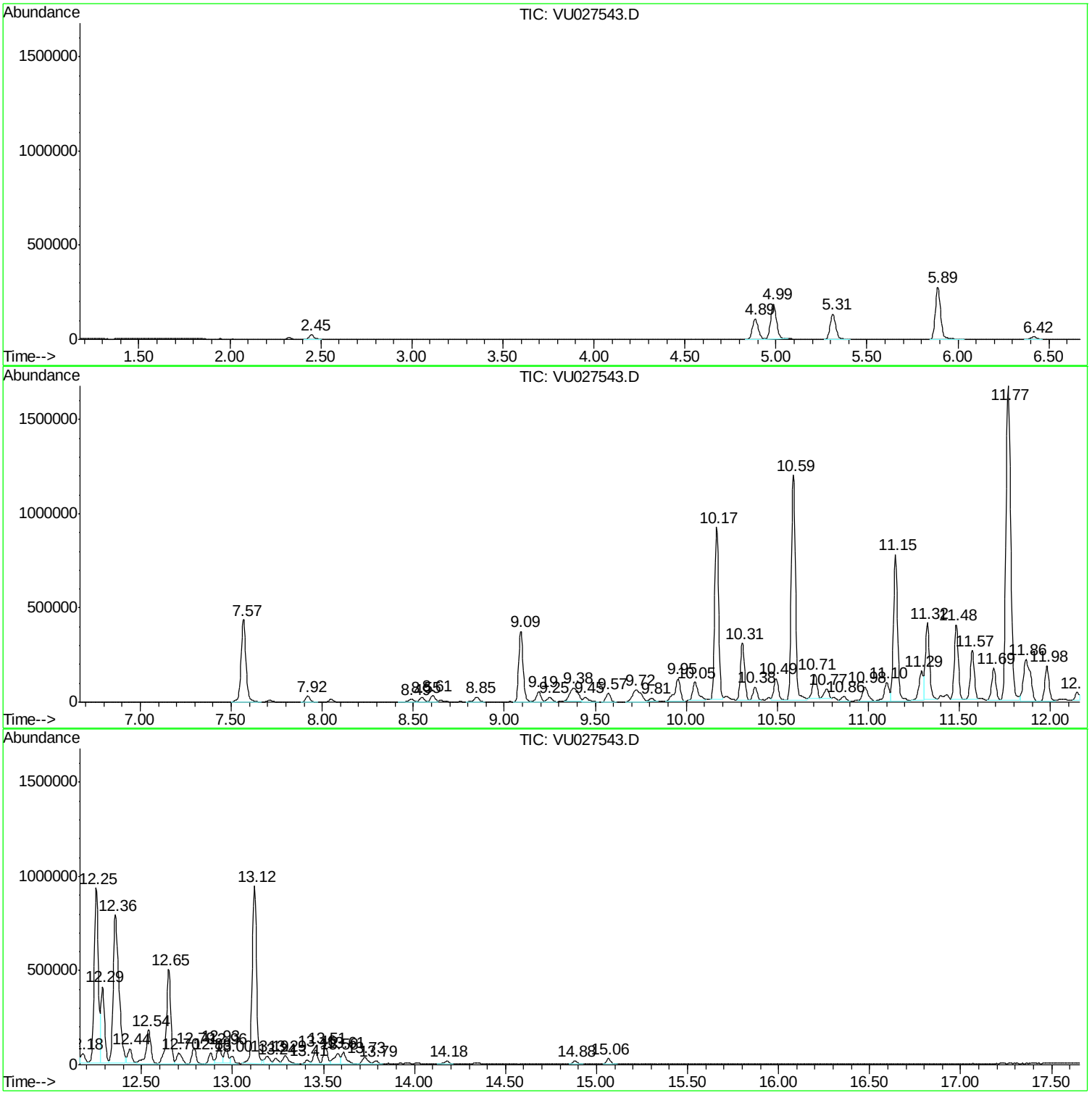
Sample : J5165-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
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ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

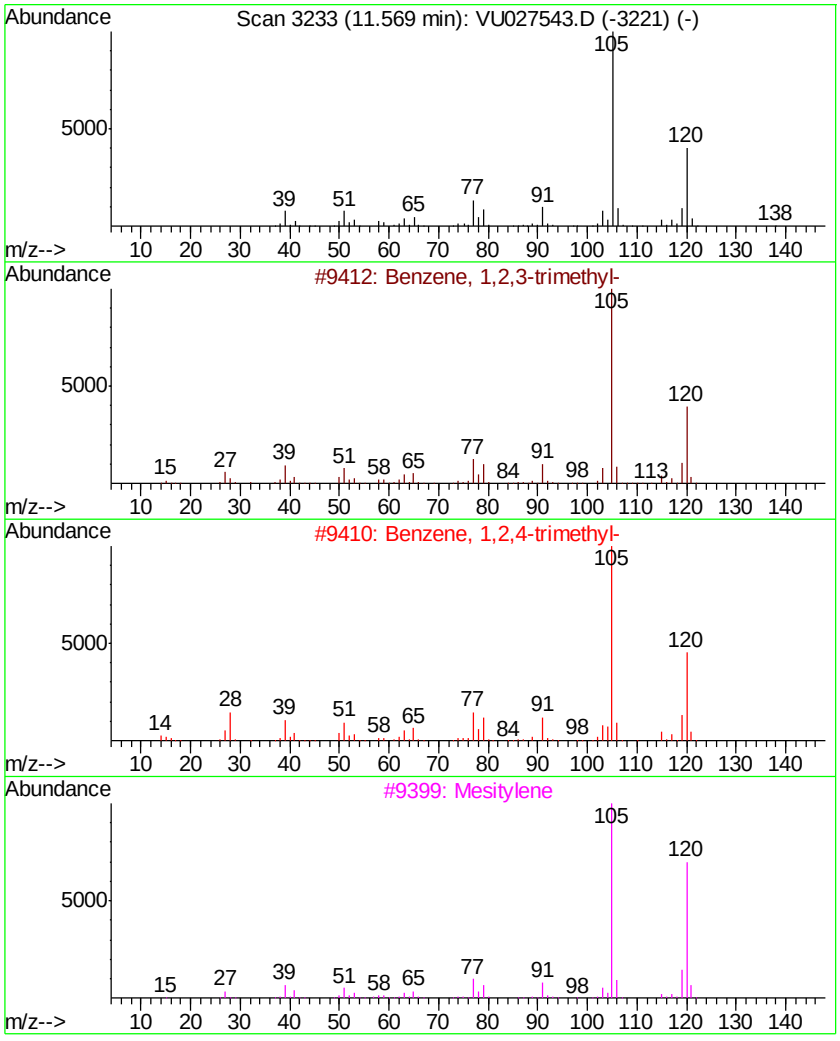
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

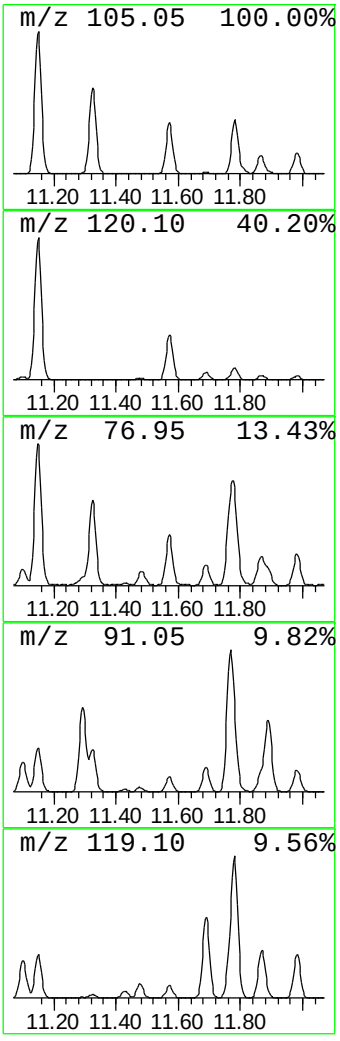
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	32.35 ug/l	397918	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

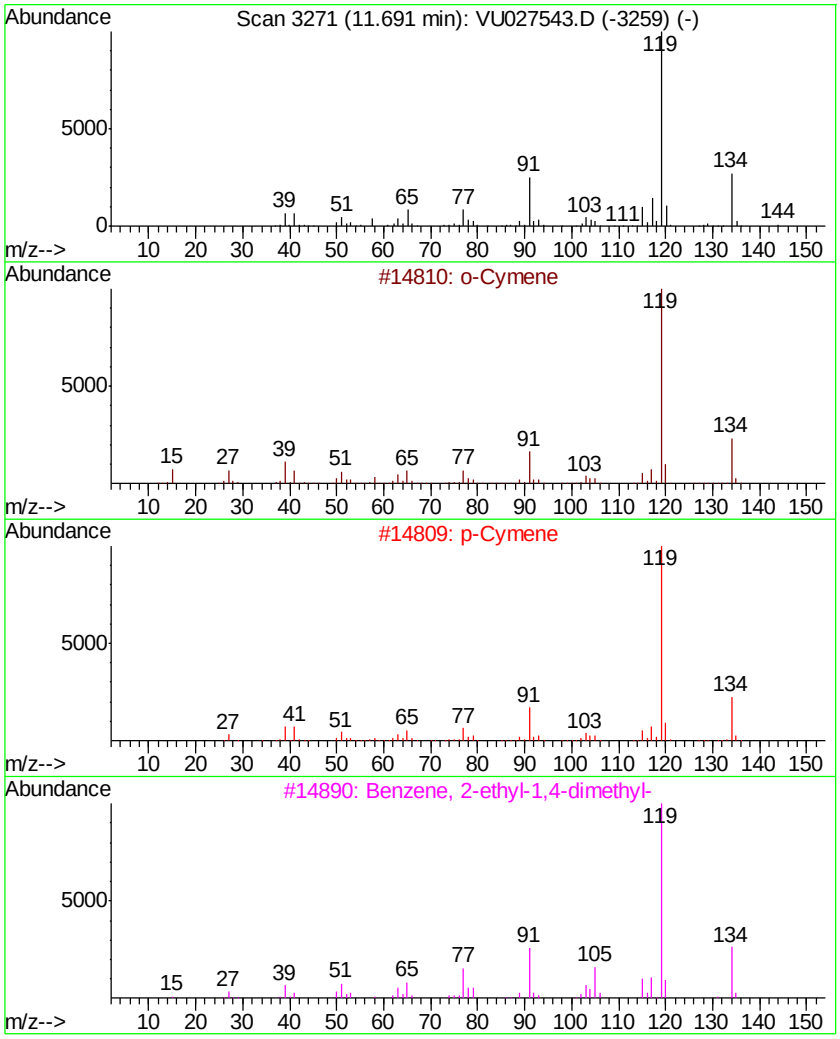
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

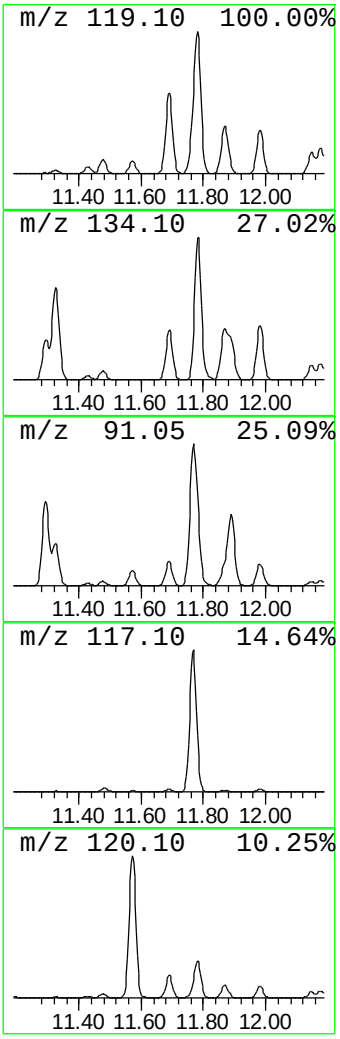
****

Peak Number 2 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	21.88 ug/l	269168	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

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

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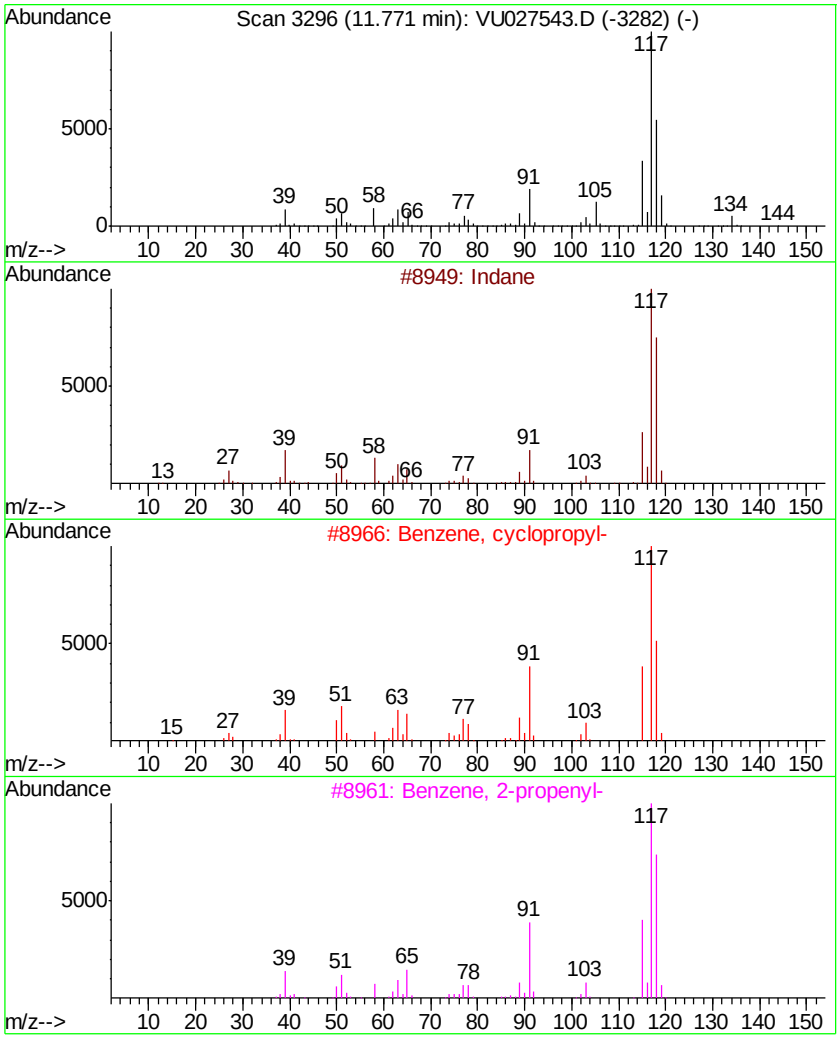
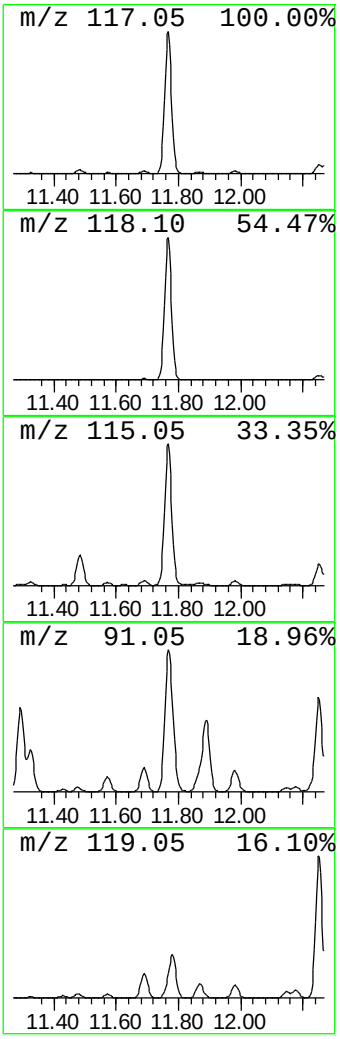
Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	246.45 ug/l	3031920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Deltacyclene	118	C9H10	007785-10-6	64





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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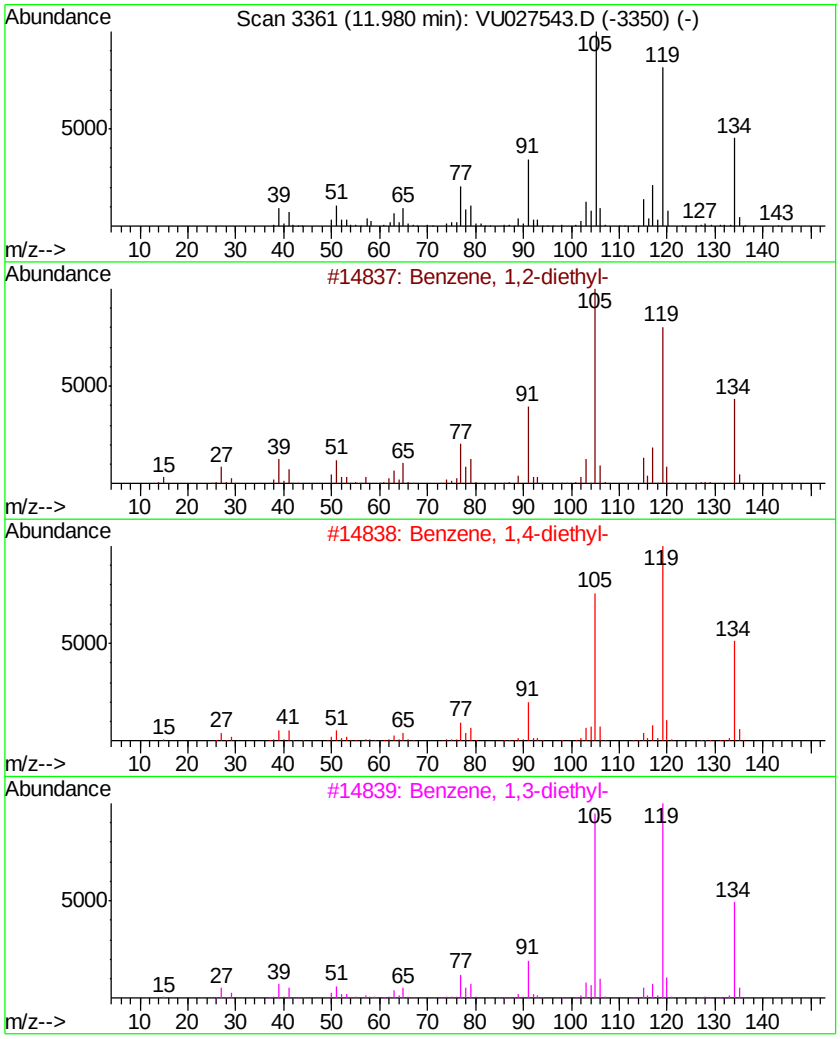
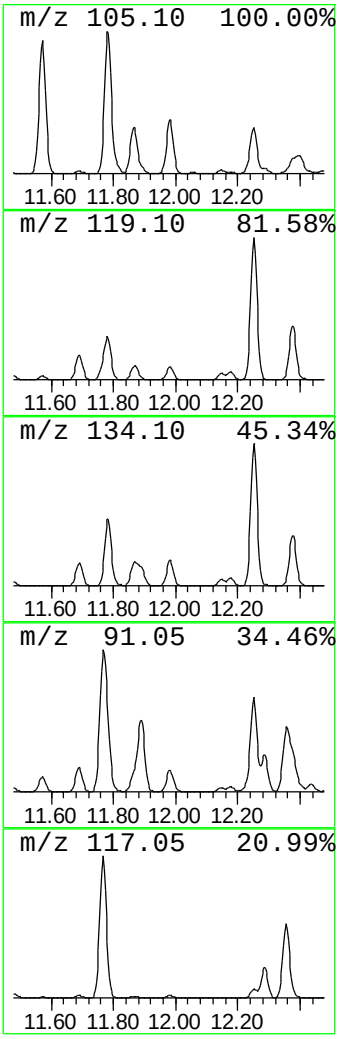
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	24.63 ug/l	303004	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68
5	o-Cymene	134	C10H14	000527-84-4	68





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

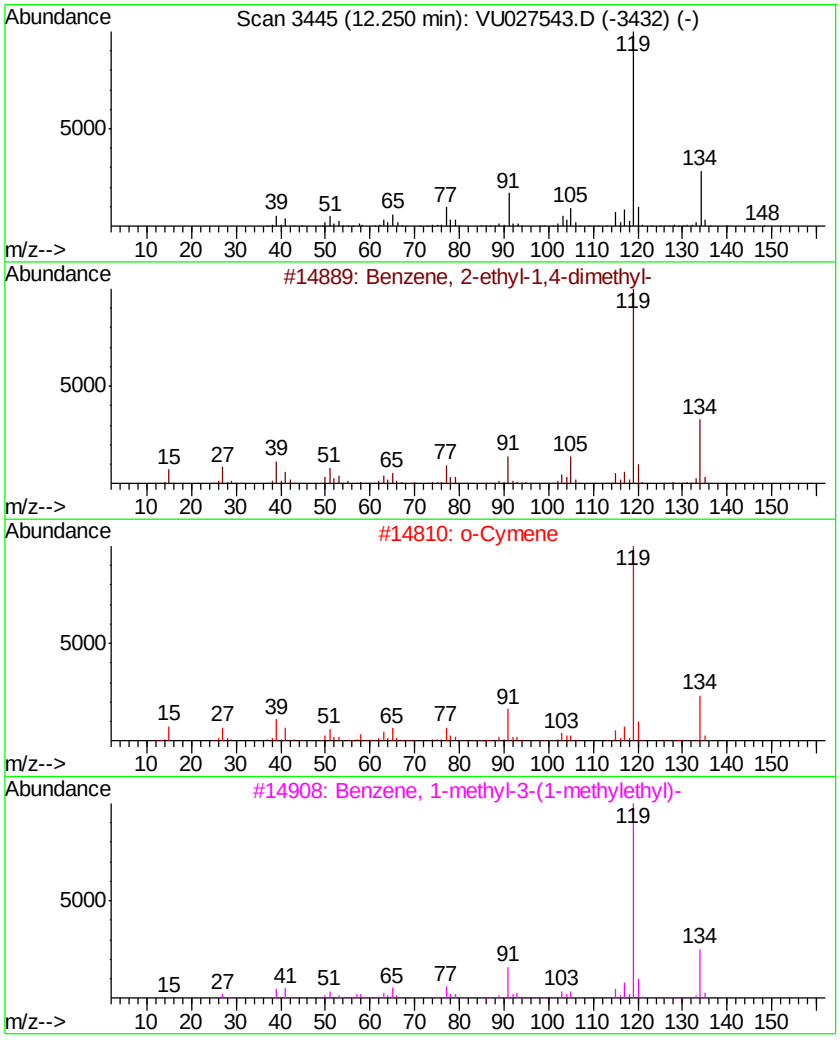
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

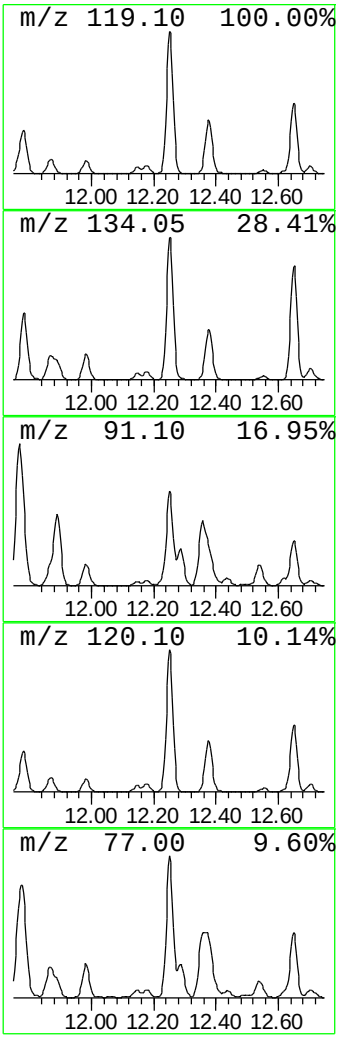
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	118.14 ug/l	1453410	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

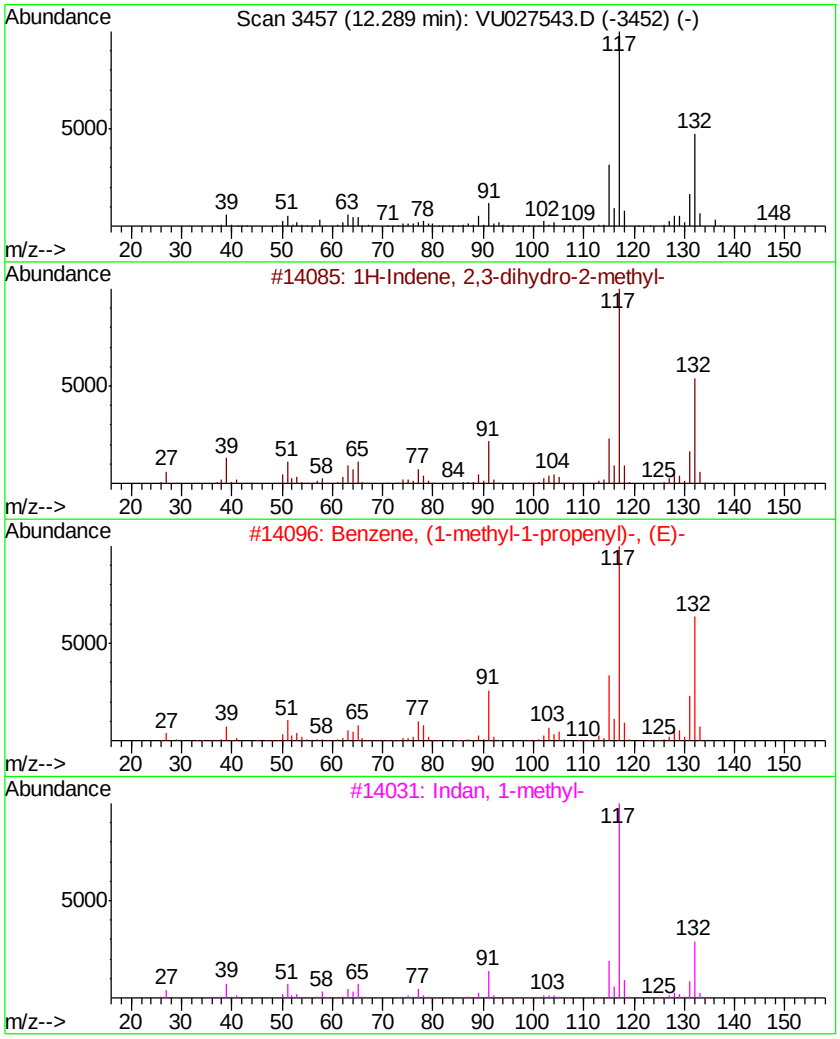
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

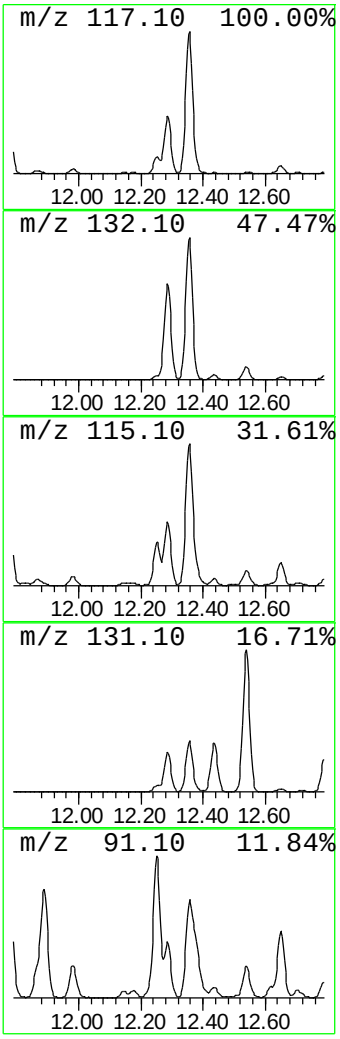
****

Peak Number 6 1H-Indene, 2,3-dihydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	46.91 ug/l	577139	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027543.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

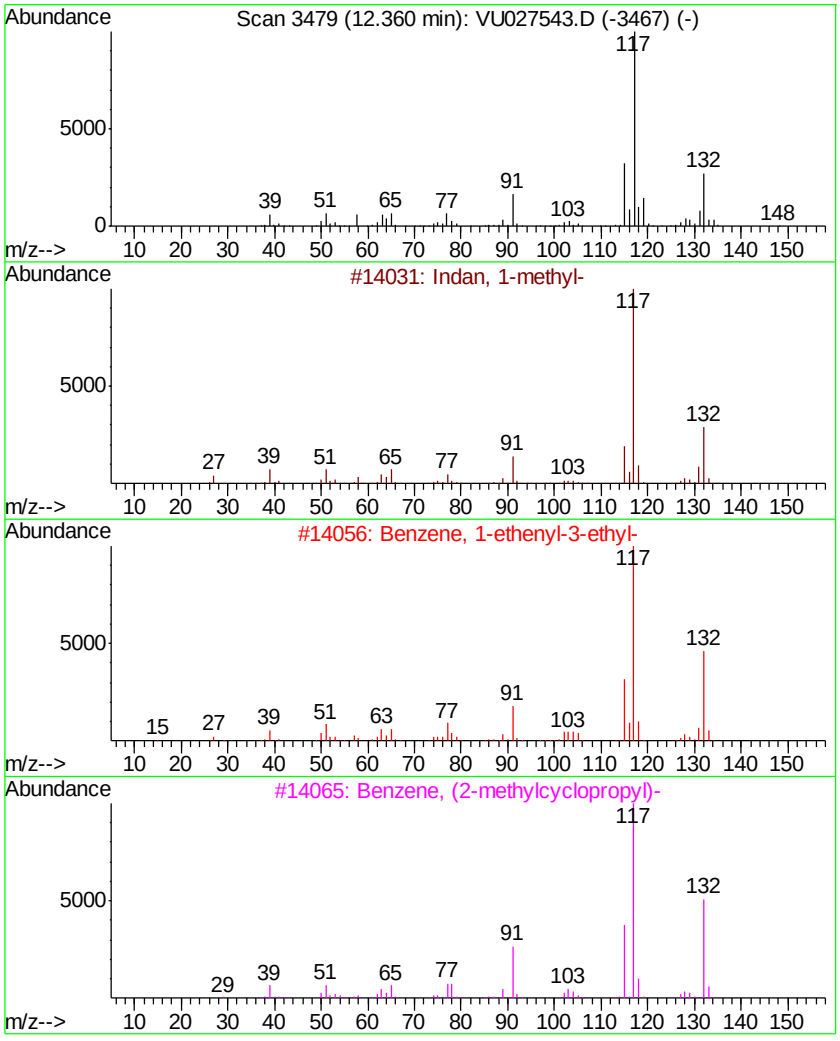
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

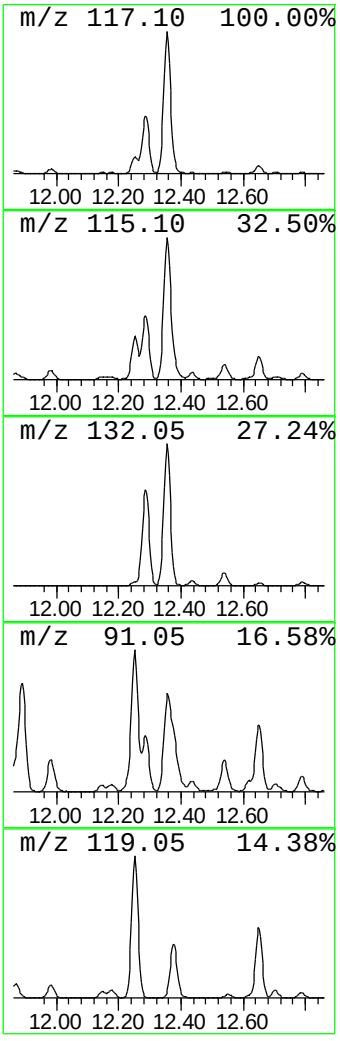
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	141.71 ug/l	1743360	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





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Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

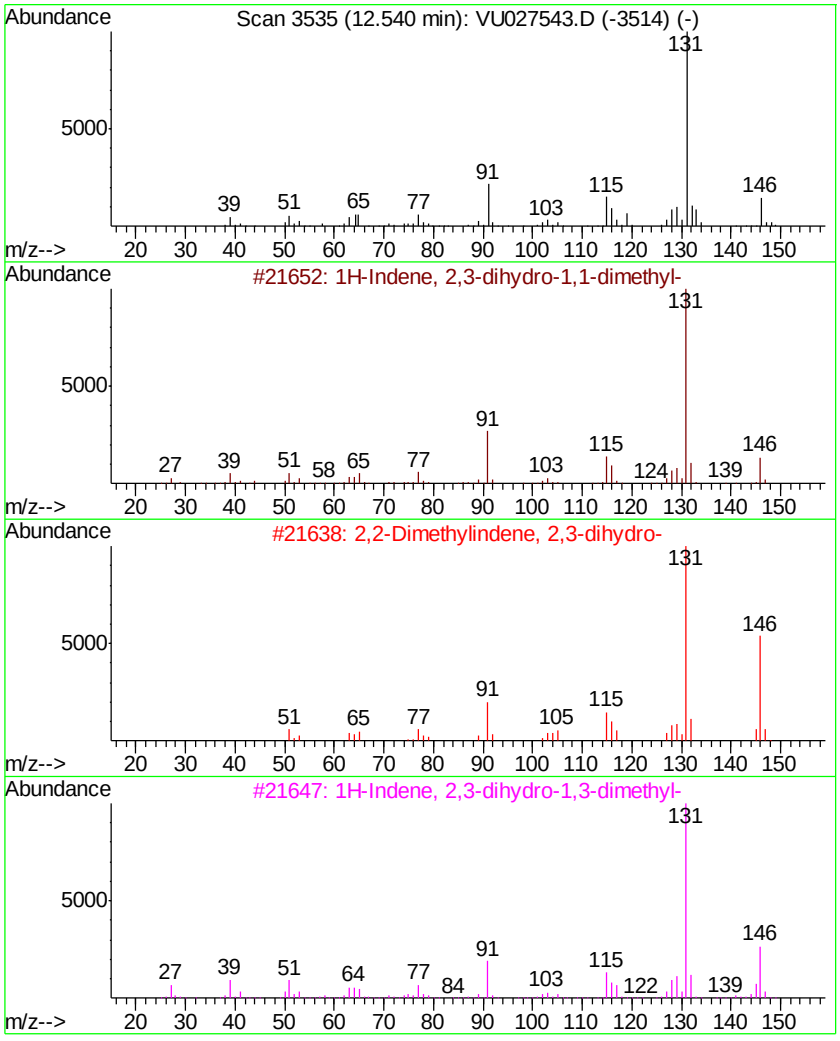
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

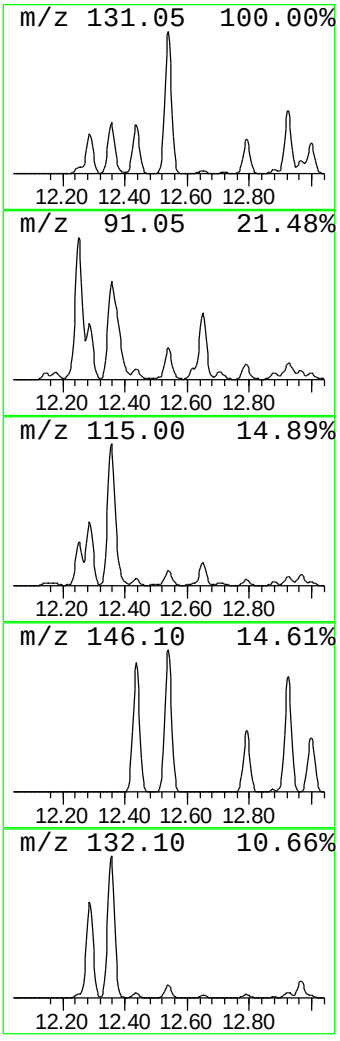
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	27.82 ug/l	342299	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260

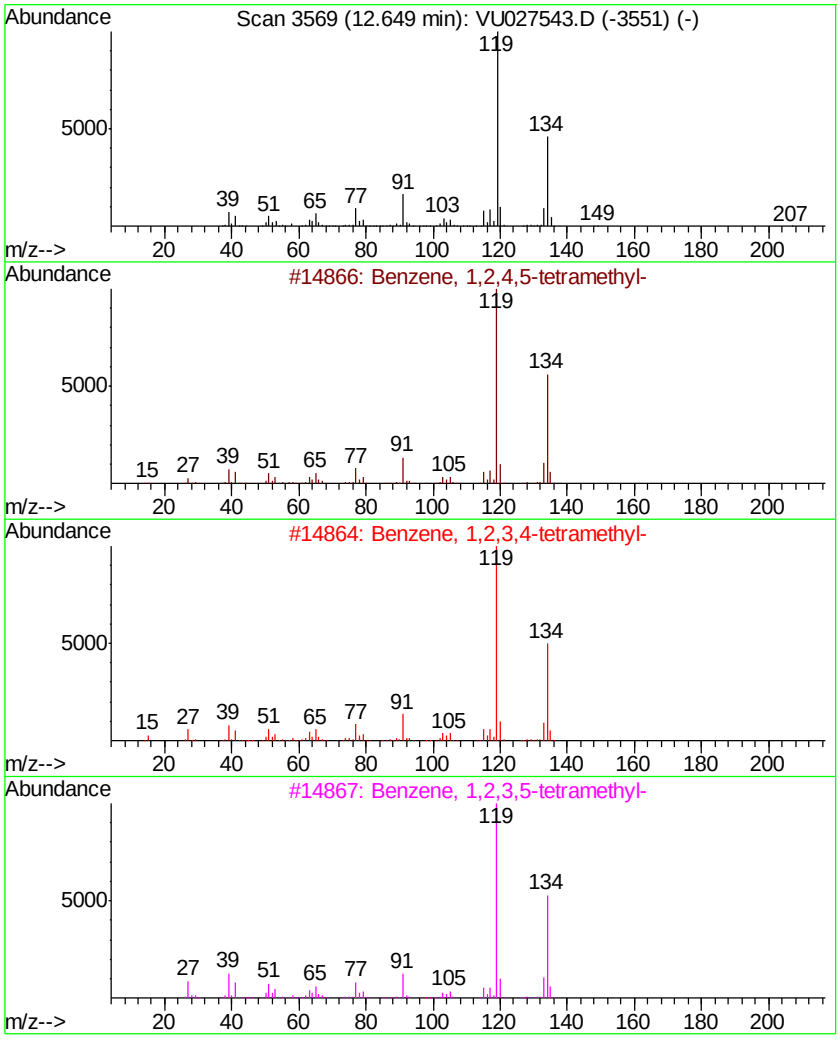
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

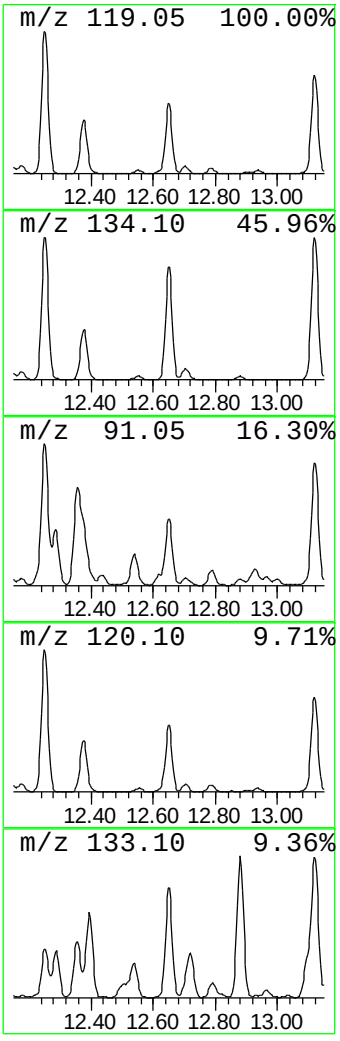
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	67.20 ug/l	826760	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027543.D
Acq On : 09 Oct 2018 23:52
Operator : MD/SY
Sample : J5165-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.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
Benzene, 1,2,3-tr...	11.57	32.4	ug/l	397918	4	11.48	615115	50.0
o-Cymene	11.69	21.9	ug/l	269168	4	11.48	615115	50.0
Indane	11.77	246.4	ug/l	3031920	4	11.48	615115	50.0
Benzene, 1,2-diet...	11.98	24.6	ug/l	303004	4	11.48	615115	50.0
Benzene, 2-ethyl-...	12.25	118.1	ug/l	1453410	4	11.48	615115	50.0
1H-Indene, 2,3-di...	12.29	46.9	ug/l	577139	4	11.48	615115	50.0
Indan, 1-methyl-	12.36	141.7	ug/l	1743360	4	11.48	615115	50.0
1H-Indene, 2,3-di...	12.54	27.8	ug/l	342299	4	11.48	615115	50.0
Benzene, 1,2,4,5-...	12.65	67.2	ug/l	826760	4	11.48	615115	50.0