LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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	1.405	63	72	79	rBV	56074	60235	1.79%	0.174%
2	2.443	385	395	406	rBV	49567	86363	2.56%	0.249%
3	2.987	551	564	580	rVB4	21545	46162	1.37%	0.133%
4	4.096	891	909	927	rBV6	11959	36597	1.09%	0.105%
5	4.228	928	950	983	rVV	1380496	3371099	100.00%	9.715%
6	4.884	1137	1154	1170	rBV	235791	532604	15.80%	1.535%
7	4.984	1171	1185	1203	rVV	354751	779343	23.12%	2.246%
8	5.308	1270	1286	1302	rBV	302350	627103	18.60%	1.807%
9	5.392	1304	1312	1324	rVB3	19624	42088	1.25%	0.121%
10	5.887	1451	1466	1481	rBV	614424	1211645	35.94%	3.492%
11	6.418	1613	1631	1646	rBV7	15089	39644	1.18%	0.114%
12	7.057	1814	1830	1843	rBV7	17649	46385	1.38%	0.134%
13	7.565	1967	1988	1999	rBV	1000454	1746469	51.81%	5.033%
14	7.636	1999	2010	2028	rVB	751421	1308302	38.81%	3.770%
15	9.089	2449	2462	2487	rBV	897480	1503181	44.59%	4.332%
16	9.250	2499	2512	2529	rBV	175763	287342	8.52%	0.828%
17	9.372	2537	2550	2567	rBV	1100712	1812829	53.78%	5.224%
18	9.778	2664	2676	2701	rVB	780644	1265178	37.53%	3.646%
19	10.044	2749	2759	2777	rVB	14750	39259	1.16%	0.113%
20	10.308	2829	2841	2857	rBV	734862	1197254	35.52%	3.450%
21	10.588	2918	2928	2939	rVB	41424	63516	1.88%	0.183%
22	10.678	2939	2956	2962	rBV	440303	770035	22.84%	2.219%
23	10.771	2974	2985	2995	rBV	649814	990945	29.40%	2.856%
24	10.970	3033	3047	3069	rBV	527714	838879	24.88%	2.417%
25	11.099	3069	3087	3092	rBV2	50069	94065	2.79%	0.271%
26	11.147	3092	3102	3116	rVB	869646	1324730	39.30%	3.818%
27	11.321	3150	3156	3170	rVB3	24522	45731	1.36%	0.132%
28	11.427	3171	3189	3196	rBV2	140388	247417	7.34%	0.713%
29	11.482	3196	3206	3222	rVV	1030290	1633654	48.46%	4.708%
30	11.568	3222	3233	3257	rVB	873350	1337206	39.67%	3.853%
31	11.687	3262	3270	3280	rVV2	36910	62767	1.86%	0.181%
32	11.768	3280	3295	3302	rVV3	260791	553467	16.42%	1.595%
33	11.806	3302	3307	3316	rVV	236866	352781	10.46%	1.017%
34	11.874	3316	3328	3342	rVB2	626132	1064169	31.57%	3.067%

LSC Area Percent Report

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Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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	11.980	3352	3361	3368	rBV3	49717	80937	2.40%	0.233%
36	12.054	3371	3384	3397	rVB	169082	307738	9.13%	0.887%
37	12.144	3399	3412	3417	rBV	155566	254604	7.55%	0.734%
38	12.176	3417	3422	3429	rVB	129623	172334	5.11%	0.497%
39	12.250	3435	3445	3454	rBV	527572	754468	22.38%	2.174%
40	12.353	3467	3477	3484	rBV2	150489	296633	8.80%	0.855%
41	12.446	3499	3506	3513	rVB4	72007	93160	2.76%	0.268%
42	12.491	3514	3520	3528	rVB2	79585	113553	3.37%	0.327%
43	12.549	3529	3538	3546	rBV2	173468	260179	7.72%	0.750%
44	12.649	3560	3569	3577	rBV	480995	706730	20.96%	2.037%
45	12.700	3577	3585	3600	rVB	462286	752864	22.33%	2.170%
46	12.787	3600	3612	3617	rBV3	70038	120410	3.57%	0.347%
47	12.961	3658	3666	3677	rVB2	138056	197066	5.85%	0.568%
48	13.083	3695	3704	3705	rBV2	57336	67262	2.00%	0.194%
49	13.118	3706	3715	3725	rVV2	670579	1131467	33.56%	3.261%
50	13.183	3726	3735	3746	rVV	633574	1037342	30.77%	2.989%
51	13.240	3747	3753	3759	rVV2	40693	66645	1.98%	0.192%
52	13.289	3759	3768	3779	rVB3	156700	250470	7.43%	0.722%
53	13.385	3787	3798	3810	rVB2	105288	190382	5.65%	0.549%
54	13.453	3810	3819	3828	rBV3	146053	224576	6.66%	0.647%
55	13.507	3828	3836	3842	rBV3	71051	112626	3.34%	0.325%
56	13.546	3843	3848	3860	rVB3	55723	87882	2.61%	0.253%
57	13.742	3898	3909	3931	rVB	317483	583778	17.32%	1.682%
58	13.851	3933	3943	3952	rBV9	25943	57804	1.71%	0.167%
59	13.945	3962	3972	3985	rVB9	36066	78452	2.33%	0.226%
60	14.009	3985	3992	3999	rBV6	20204	37596	1.12%	0.108%
61	14.147	4026	4035	4040	rBV2	95898	147318	4.37%	0.425%
62	14.179	4040	4045	4058	rVB	89937	139711	4.14%	0.403%
63	14.456	4123	4131	4147	rVB9	25241	66124	1.96%	0.191%
64	14.549	4150	4160	4174	rBV2	70268	130183	3.86%	0.375%
65	14.707	4194	4209	4219	rBV9	48842	100176	2.97%	0.289%
66	14.874	4251	4261	4274	rVB	164223	272531	8.08%	0.785%
67	15.060	4310	4319	4333	rVB	116020	189665	5.63%	0.547%
68	15.199	4354	4362	4372	rBV6	42770	67657	2.01%	0.195%
69	15.343	4399	4407	4417	rVB6	31724	49821	1.48%	0.144%
70	15.588	4477	4483	4501	rVB5	17195	39076	1.16%	0.113%
71	15.726	4517	4526	4540	rVB10	23475	43700	1.30%	0.126%

LSC Area Percent Report

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Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

Sum of corrected areas: 34701364

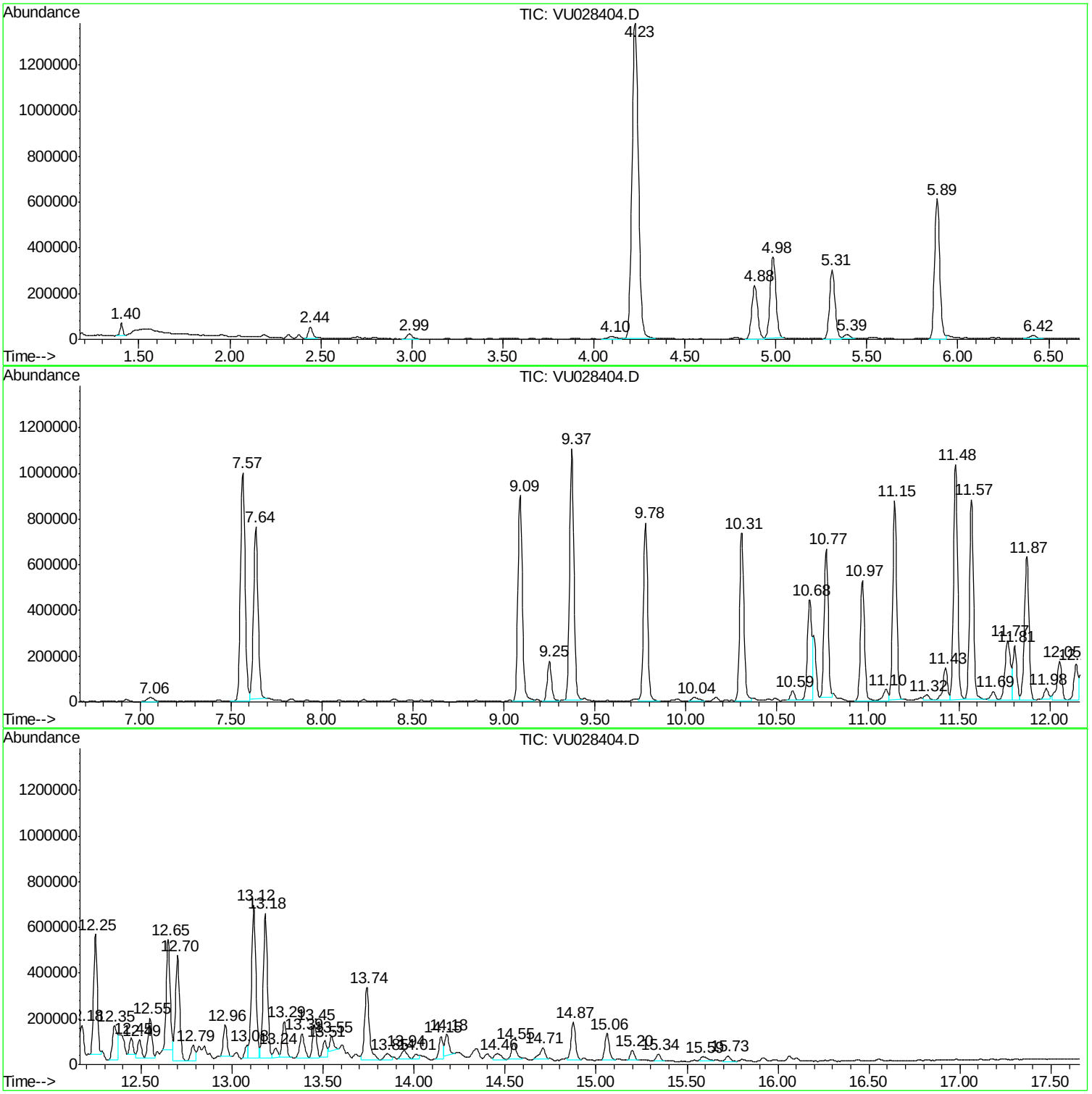
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

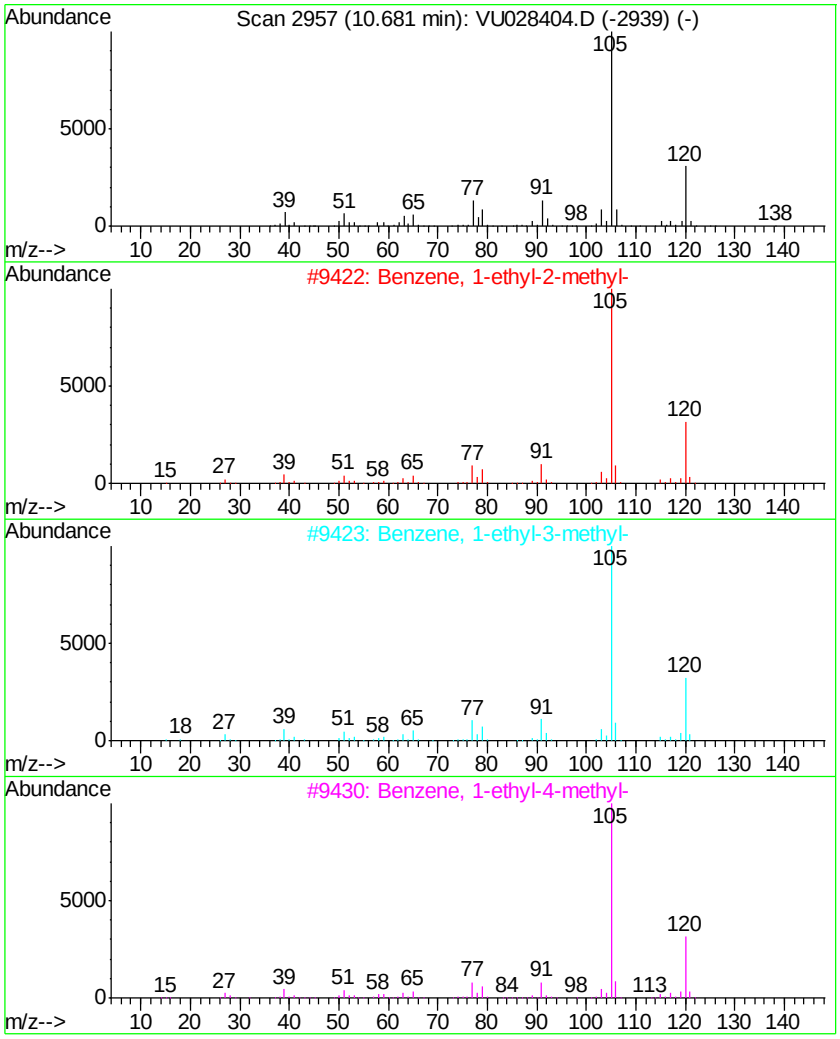
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

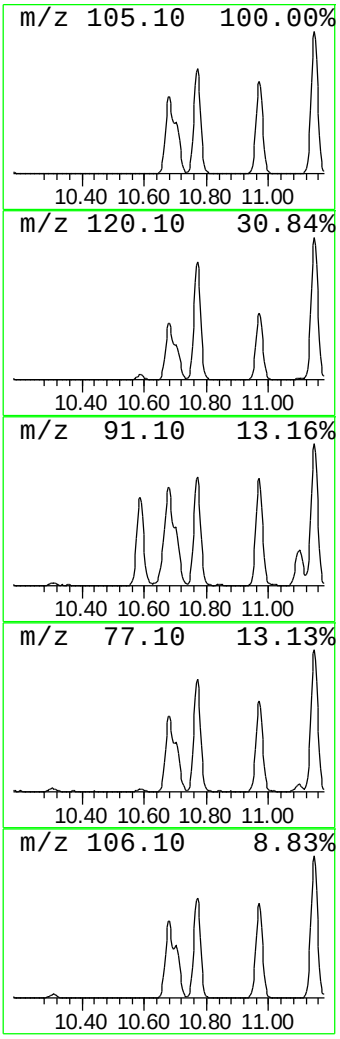
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	23.57 ug/l	770035	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
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	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

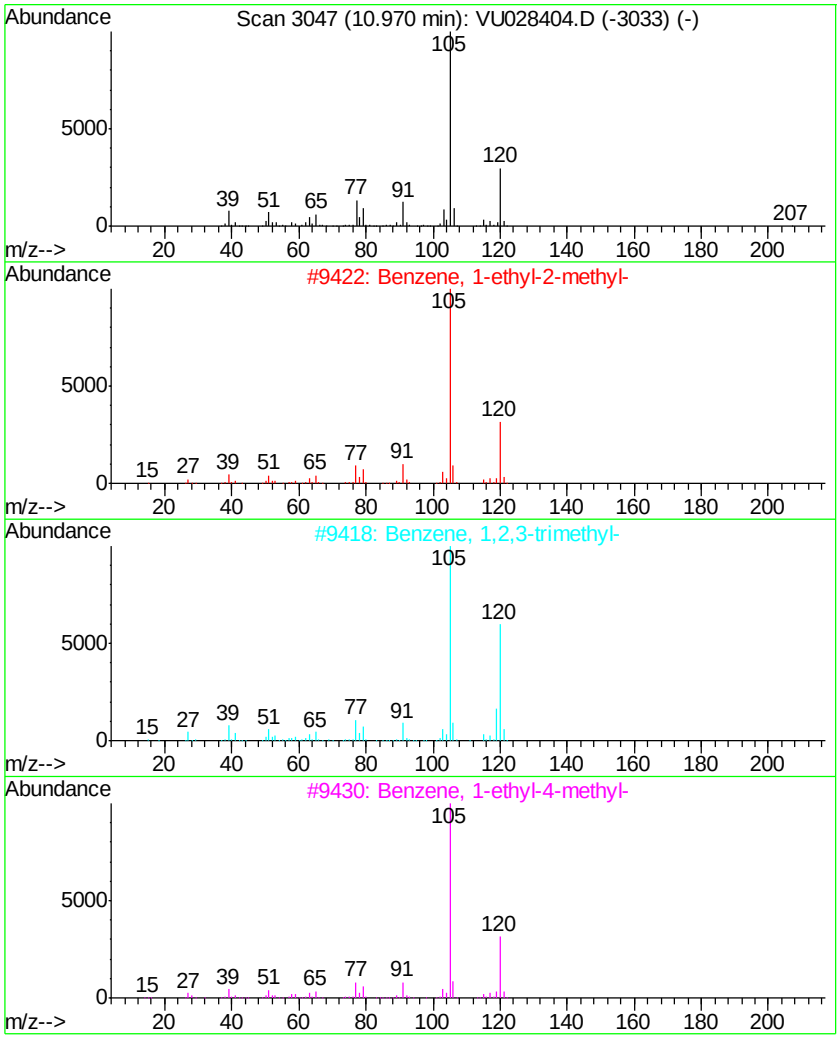
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

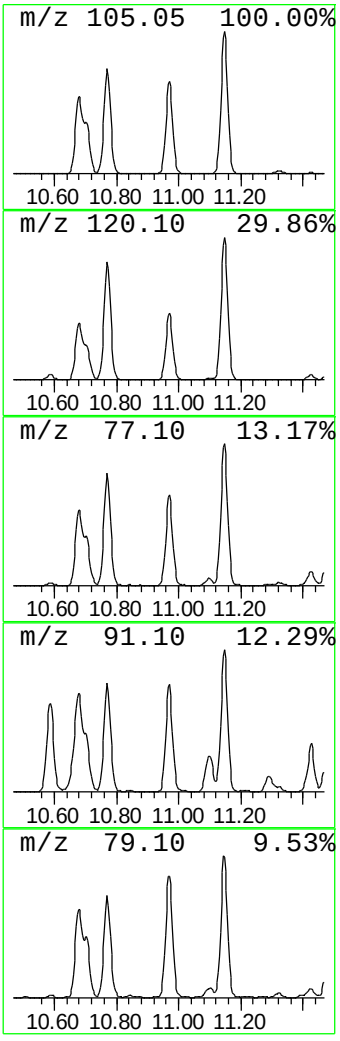
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	25.67 ug/l	838879	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

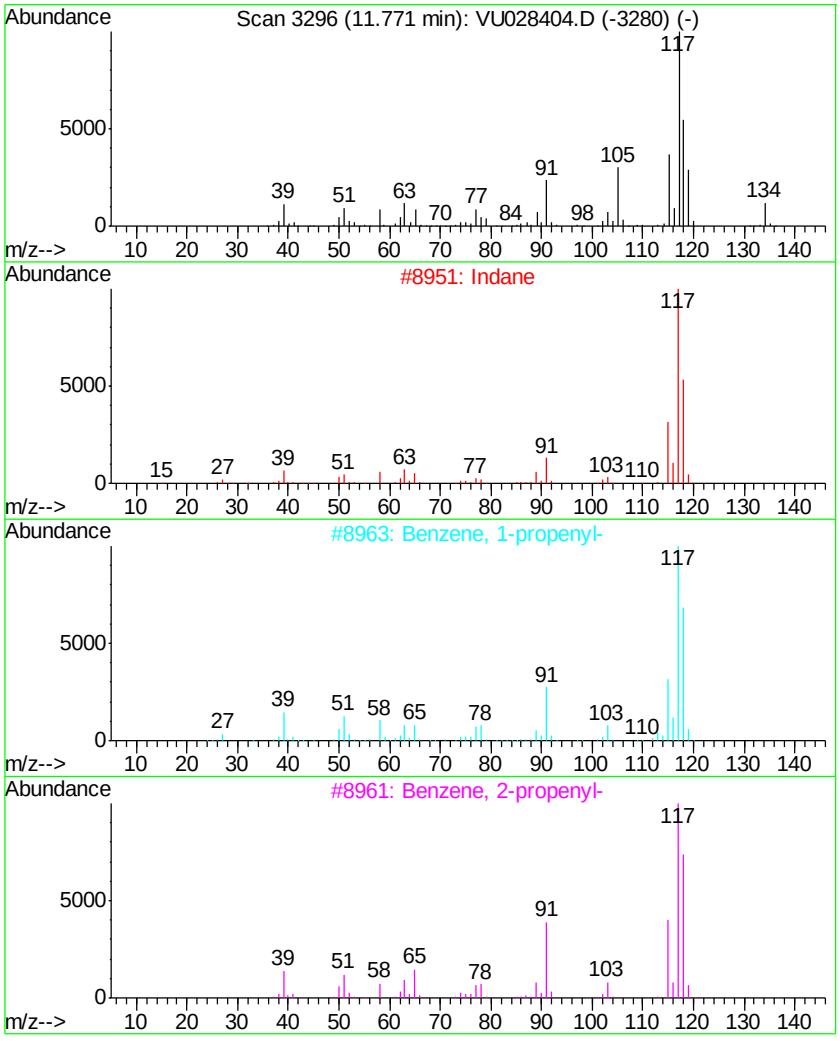
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

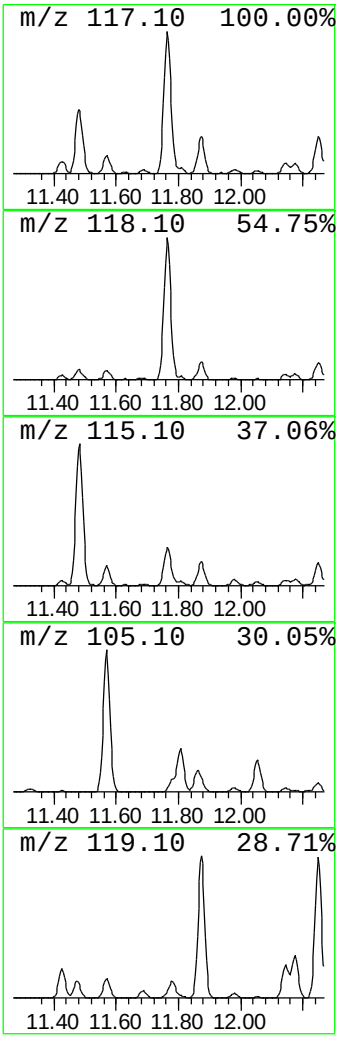
****

Peak Number 4 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	16.94 ug/l	553467	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, 1-propenyl-	118	C9H10	000637-50-3	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	62





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Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

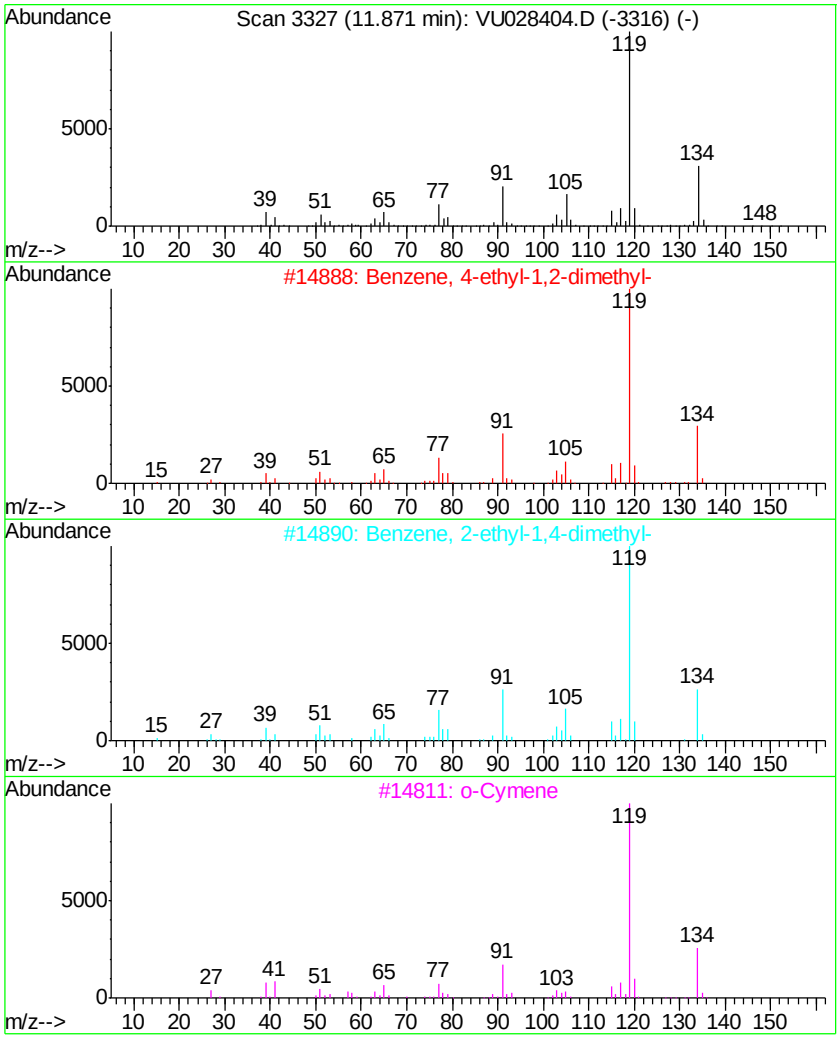
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

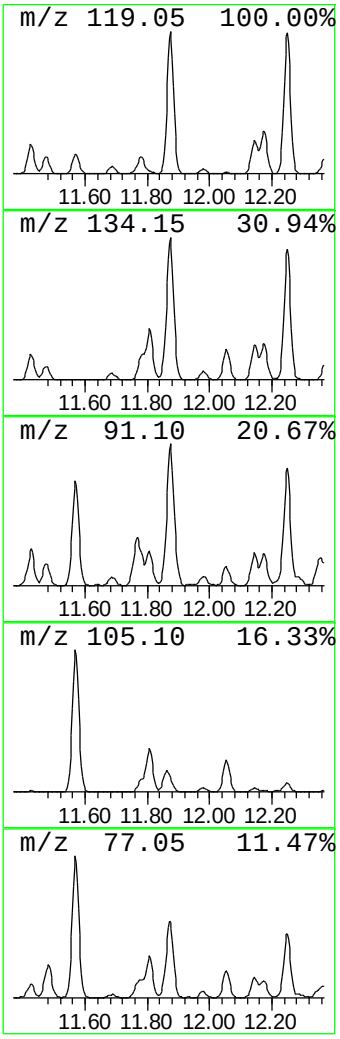
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	32.57 ug/l	1064170	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

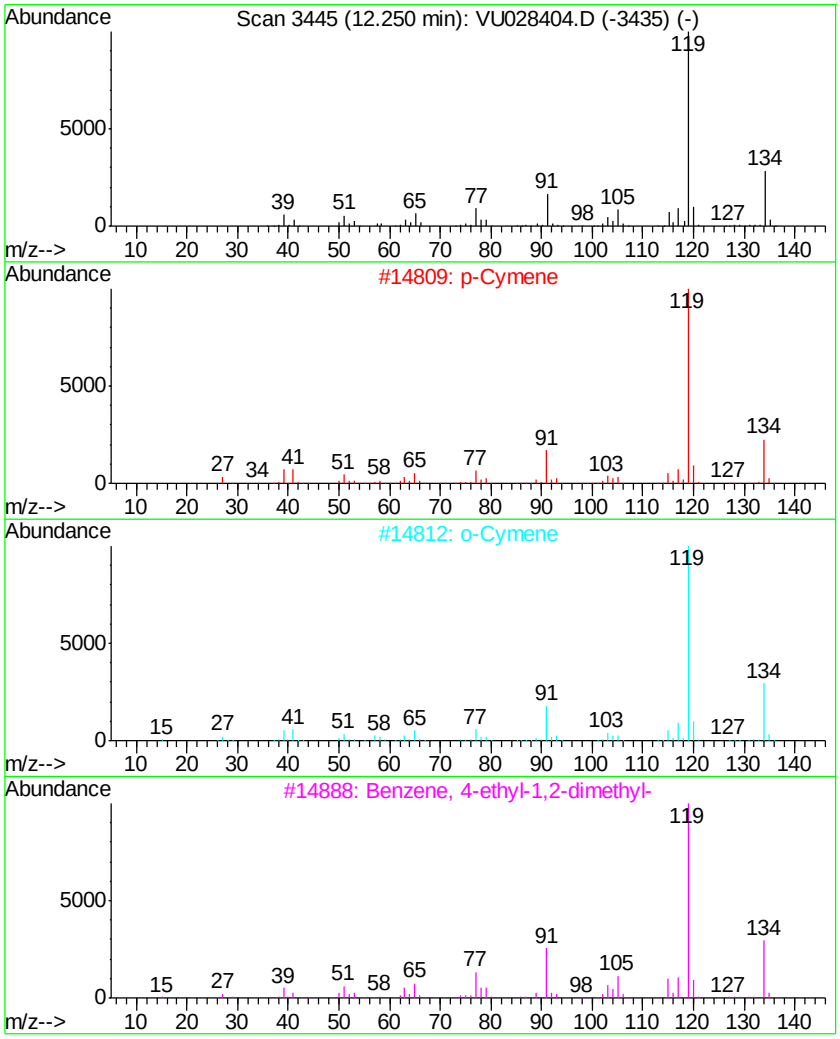
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

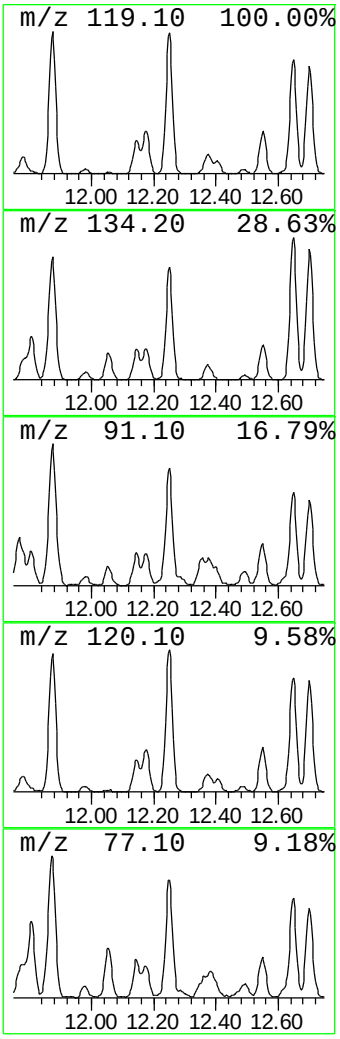
****

Peak Number 6 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	23.09 ug/l	754468	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

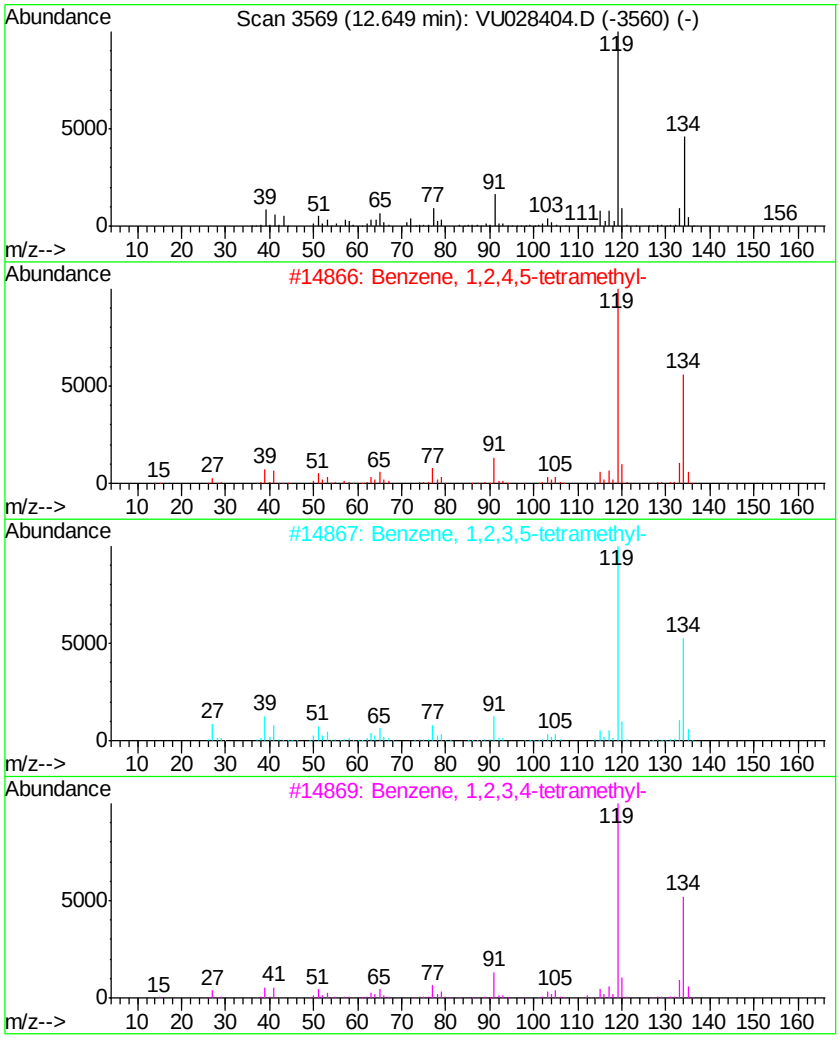
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

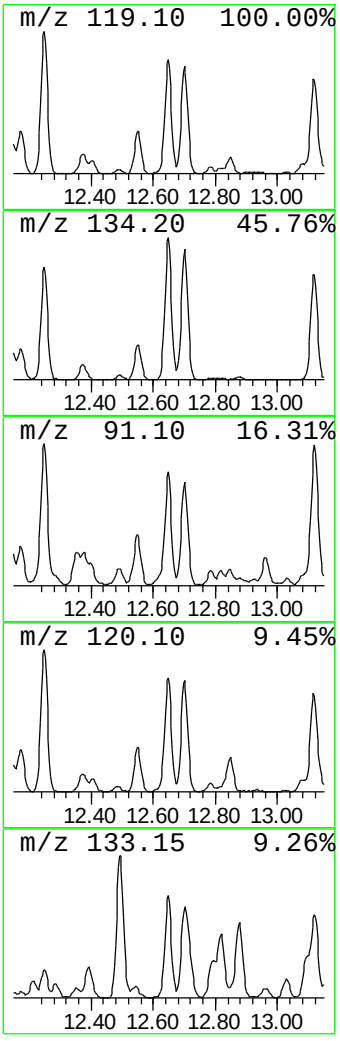
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	21.63 ug/l	706730	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

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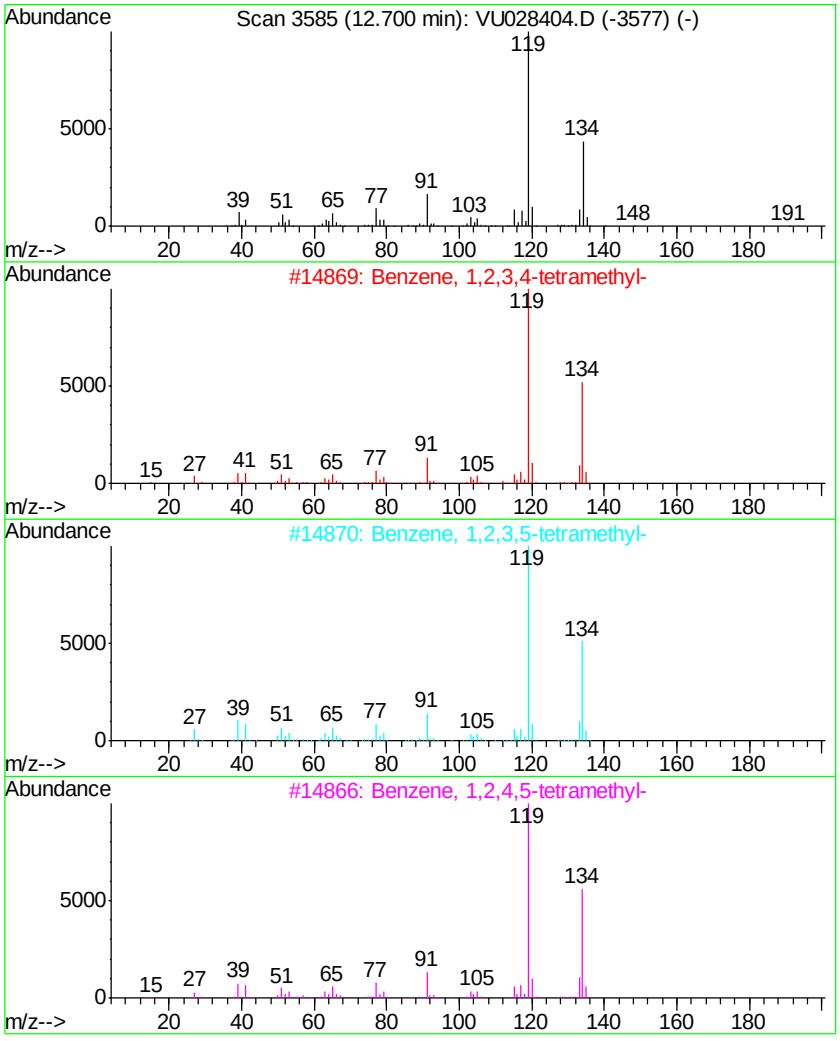
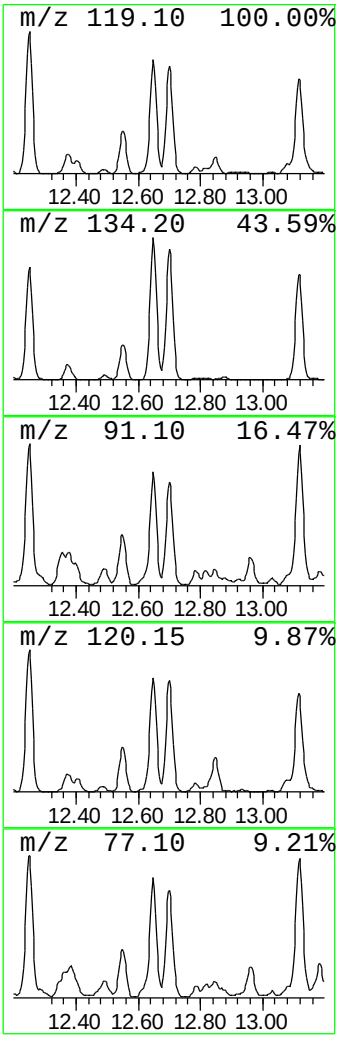
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	23.04 ug/l	752864	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

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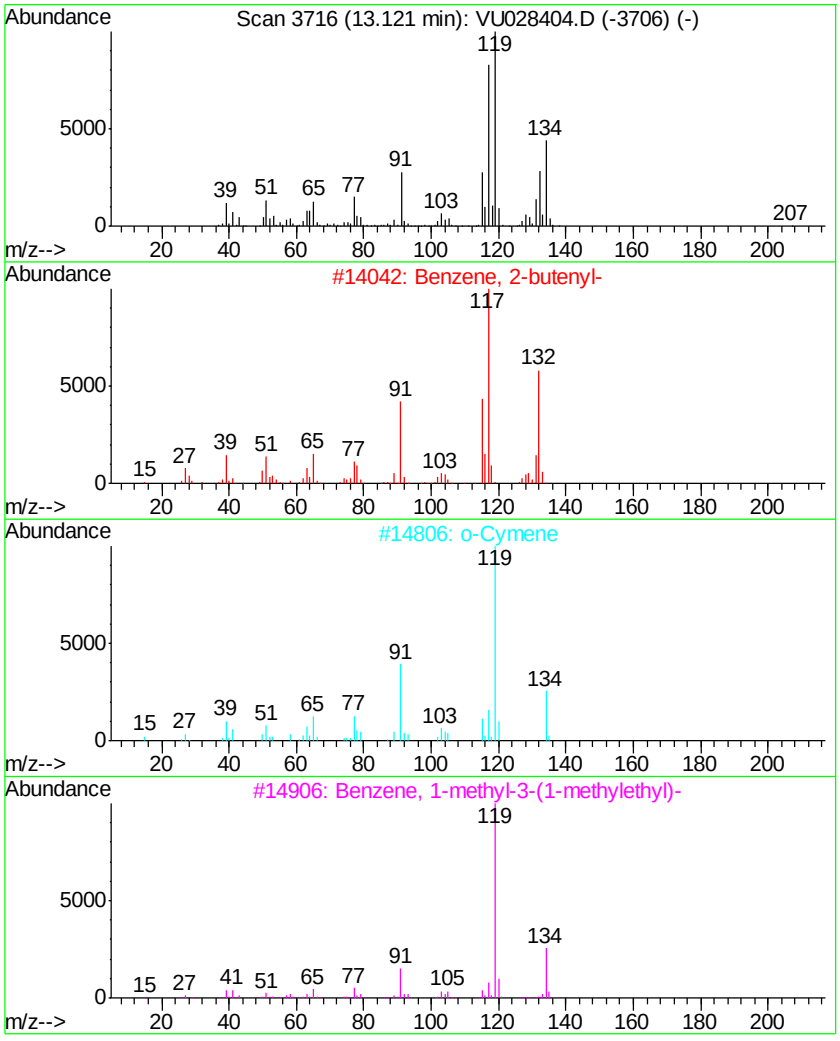
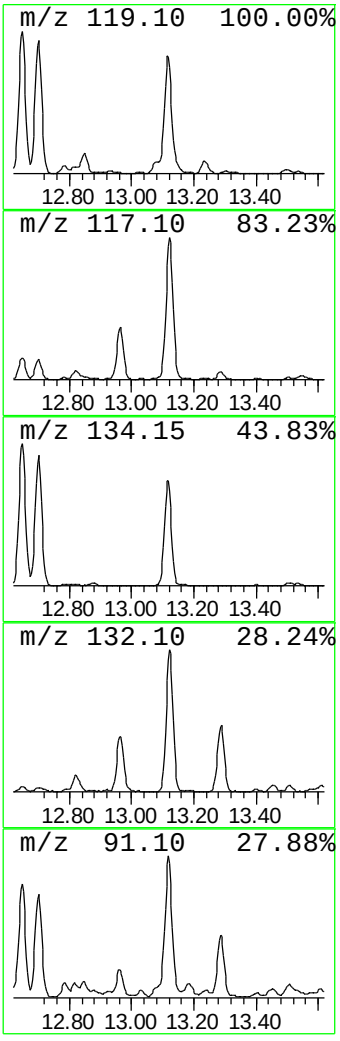
Peak Number 9 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	34.63 ug/l	1131470	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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

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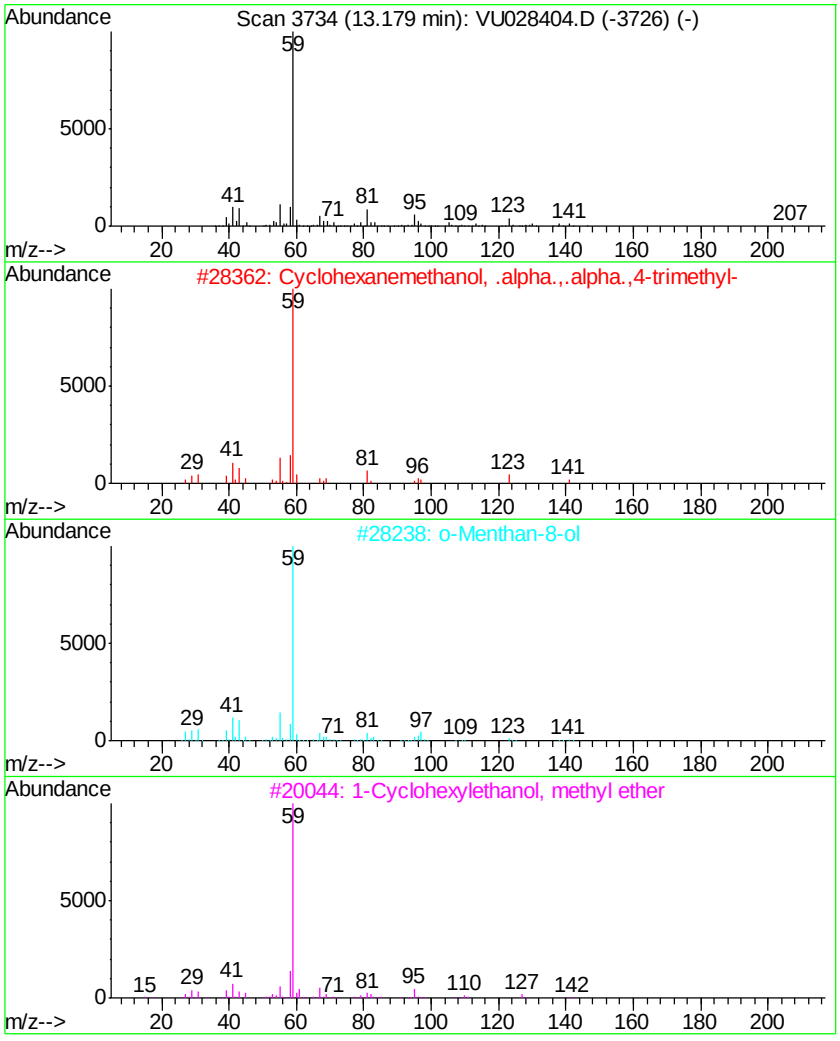
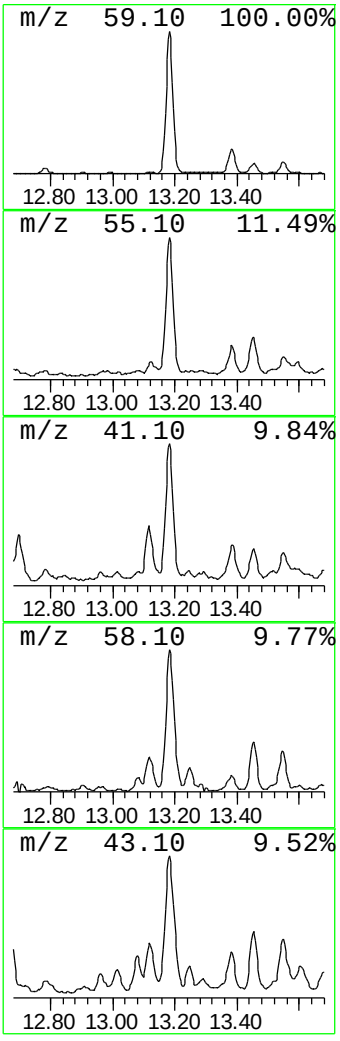
Peak Number 10 Cyclohexanemethanol, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	31.75 ug/l	1037340	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	o-Menthan-8-ol	156	C10H20O	343855-44-7	72
3	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	72
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028404.D
Acq On : 29 Nov 2018 19:16
Operator : MD/SY
Sample : J6134-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-11

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
Benzene, 1-ethyl-...	10.68	23.6	ug/l	770035	4	11.48	1633650	50.0
Benzene, 1-ethyl-...	10.97	25.7	ug/l	838879	4	11.48	1633650	50.0
Indane	11.77	16.9	ug/l	553467	4	11.48	1633650	50.0
Benzene, 4-ethyl-...	11.87	32.6	ug/l	1064170	4	11.48	1633650	50.0
p-Cymene	12.25	23.1	ug/l	754468	4	11.48	1633650	50.0
Benzene, 1,2,4,5-...	12.65	21.6	ug/l	706730	4	11.48	1633650	50.0
Benzene, 1,2,3,4-...	12.70	23.0	ug/l	752864	4	11.48	1633650	50.0
Benzene, 2-butenyl-	13.12	34.6	ug/l	1131470	4	11.48	1633650	50.0
Cyclohexanemethan...	13.18	31.8	ug/l	1037340	4	11.48	1633650	50.0