LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

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\82U072718W.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	1.089	136	155	175	rBV	441130	494927	8.11%	1.484%
2	2.709	645	659	674	rBV	37061	76597	1.25%	0.230%
3	2.796	674	686	709	rVB	30586	62581	1.02%	0.188%
4	2.998	734	749	771	rVB	111646	238336	3.90%	0.715%
5	4.098	1074	1091	1112	rVB2	117397	316435	5.18%	0.949%
6	4.889	1319	1337	1354	rBV	178868	404714	6.63%	1.214%
7	4.992	1354	1369	1386	rVV4	356965	893167	14.63%	2.678%
8	5.085	1386	1398	1419	rVB3	61587	150091	2.46%	0.450%
9	5.262	1437	1453	1458	rBV2	33999	72087	1.18%	0.216%
10	5.313	1459	1469	1485	rVB	171470	370663	6.07%	1.111%
11	5.487	1506	1523	1535	rBV4	81915	184008	3.01%	0.552%
12	5.558	1535	1545	1556	rVV2	66949	146634	2.40%	0.440%
13	5.629	1556	1567	1584	rVB2	93999	211220	3.46%	0.633%
14	5.892	1634	1649	1670	rBV	337299	667123	10.93%	2.000%
15	6.419	1792	1813	1828	rBV2	409829	923681	15.13%	2.770%
16	6.744	1898	1914	1931	rBV5	33157	70956	1.16%	0.213%
17	6.908	1951	1965	1984	rVB6	43136	99206	1.62%	0.297%
18	7.567	2145	2170	2195	rBV	679102	1407485	23.05%	4.220%
19	7.715	2202	2216	2227	rBV	61933	129241	2.12%	0.388%
20	7.921	2268	2280	2297	rVB	141215	254862	4.17%	0.764%
21	8.050	2302	2320	2331	rBV2	65323	125315	2.05%	0.376%
22	8.493	2440	2458	2467	rBV5	37828	74949	1.23%	0.225%
23	8.548	2467	2475	2485	rVB	60380	95477	1.56%	0.286%
24	8.609	2485	2494	2505	rBV2	85979	143787	2.35%	0.431%
25	9.095	2632	2645	2661	rBV	502893	852487	13.96%	2.556%
26	9.191	2665	2675	2684	rVV2	53894	92616	1.52%	0.278%
27	9.252	2684	2694	2712	rVB	266007	425877	6.97%	1.277%
28	9.381	2718	2734	2750	rBV	131658	269536	4.41%	0.808%
29	9.725	2825	2841	2860	rBV4	29266	95008	1.56%	0.285%
30	9.960	2906	2914	2928	rVB2	43861	74406	1.22%	0.223%
31	10.053	2932	2943	2960	rBV8	25150	61518	1.01%	0.184%
32	10.169	2969	2979	2990	rBV	192961	300601	4.92%	0.901%
33	10.310	3010	3023	3037	rBV	522554	838138	13.73%	2.513%
34	10.590	3098	3110	3130	rBV	274889	430595	7.05%	1.291%

LSC Area Percent Report

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Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

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

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Peak separation: 5

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Title : SW846 8260

35	10.709	3135	3147	3156	rBV	98167	155896	2.55%	0.467%
36	10.976	3220	3230	3250	rVB2	58245	129775	2.13%	0.389%
37	11.152	3273	3285	3308	rVB	4113012	6106300	100.00%	18.310%
38	11.329	3333	3340	3355	rVB	85751	140719	2.30%	0.422%
39	11.487	3377	3389	3403	rBV	723102	1138322	18.64%	3.413%
40	11.574	3403	3416	3440	rVB	1583560	2428578	39.77%	7.282%
41	11.693	3442	3453	3464	rBV	68406	105398	1.73%	0.316%
42	11.773	3464	3478	3493	rBV3	401404	817512	13.39%	2.451%
43	11.866	3497	3507	3528	rVB3	174410	349802	5.73%	1.049%
44	11.985	3528	3544	3555	rBV	166799	266136	4.36%	0.798%
45	12.059	3555	3567	3582	rBV	338690	520530	8.52%	1.561%
46	12.149	3582	3595	3599	rBV	415705	618020	10.12%	1.853%
47	12.178	3600	3604	3615	rVV	471163	637952	10.45%	1.913%
48	12.255	3617	3628	3635	rVV	483391	740929	12.13%	2.222%
49	12.287	3635	3638	3649	rVB	120793	160965	2.64%	0.483%
50	12.358	3649	3660	3680	rBV2	310217	678057	11.10%	2.033%
51	12.554	3709	3721	3733	rVB2	242364	427414	7.00%	1.282%
52	12.654	3733	3752	3759	rBV	321448	543101	8.89%	1.629%
53	12.705	3759	3768	3782	rVB	584997	894063	14.64%	2.681%
54	12.792	3782	3795	3805	rVB3	75403	122590	2.01%	0.368%
55	12.882	3806	3823	3829	rBV2	36252	67737	1.11%	0.203%
56	12.934	3830	3839	3844	rBV4	57792	97201	1.59%	0.291%
57	12.966	3844	3849	3857	rVB	85688	115101	1.88%	0.345%
58	13.085	3877	3886	3887	rBV2	65774	70858	1.16%	0.212%
59	13.123	3888	3898	3913	rVB2	1134454	1817566	29.77%	5.450%
60	13.291	3940	3950	3970	rVB	498251	791025	12.95%	2.372%
61	13.410	3975	3987	3994	rBV6	36113	69694	1.14%	0.209%
62	13.512	4009	4019	4026	rBV4	114009	196697	3.22%	0.590%
63	13.744	4078	4091	4101	rBV	471822	774364	12.68%	2.322%
64	13.792	4101	4106	4116	rVB	50314	71192	1.17%	0.213%
65	13.860	4117	4127	4142	rVB3	54568	91290	1.50%	0.274%
66	13.956	4142	4157	4169	rBV5	67430	150884	2.47%	0.452%
67	14.352	4265	4280	4292	rBV3	105617	234005	3.83%	0.702%
68	14.680	4371	4382	4400	rBV3	103780	190630	3.12%	0.572%
69	14.879	4432	4444	4455	rBV	100053	183741	3.01%	0.551%
70	15.065	4491	4502	4518	rBV	233717	390505	6.40%	1.171%

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Title : SW846 8260

Sum of corrected areas: 33348873

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
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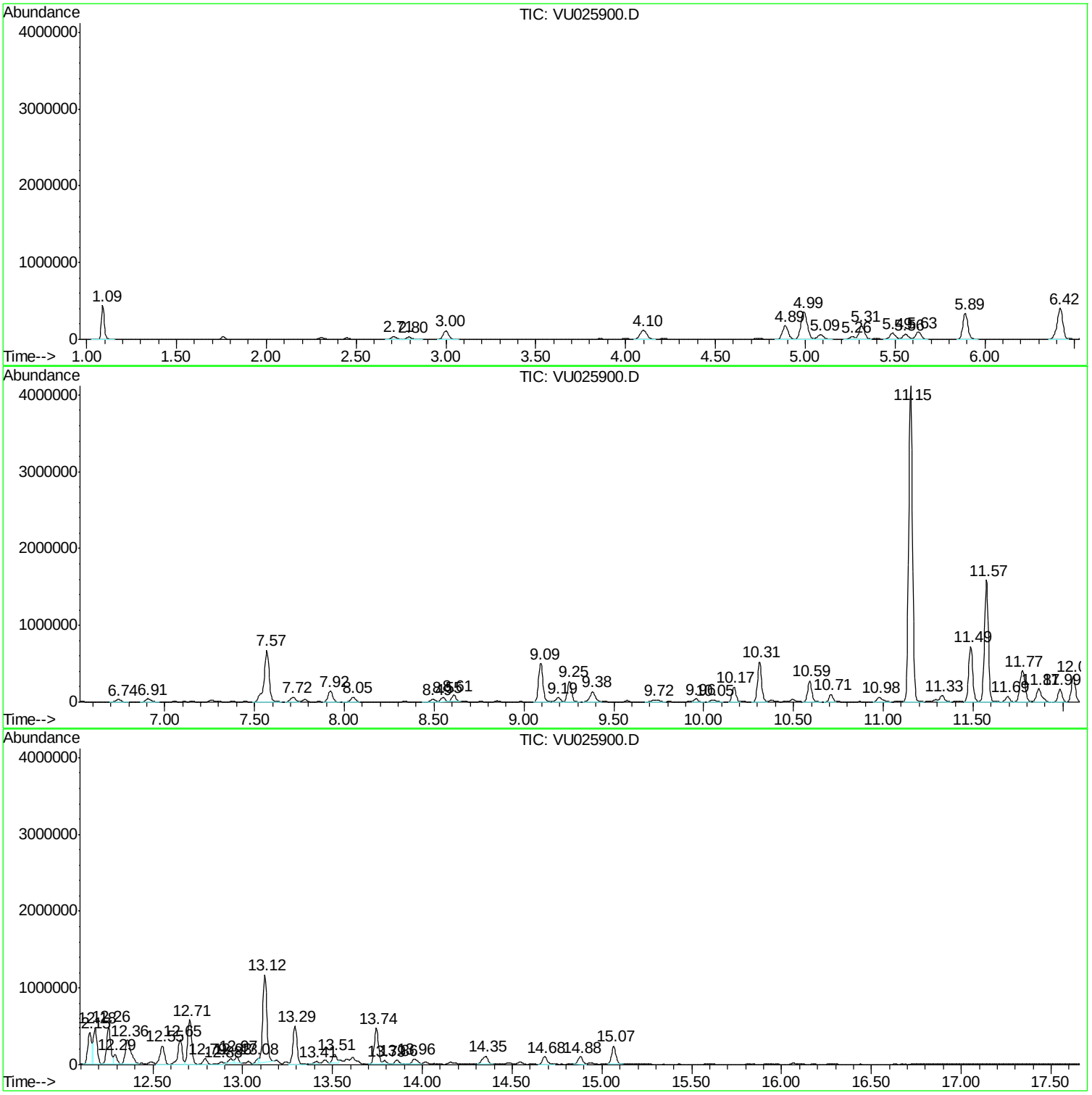
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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\VU080618\
Data File : VU025900.D
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Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

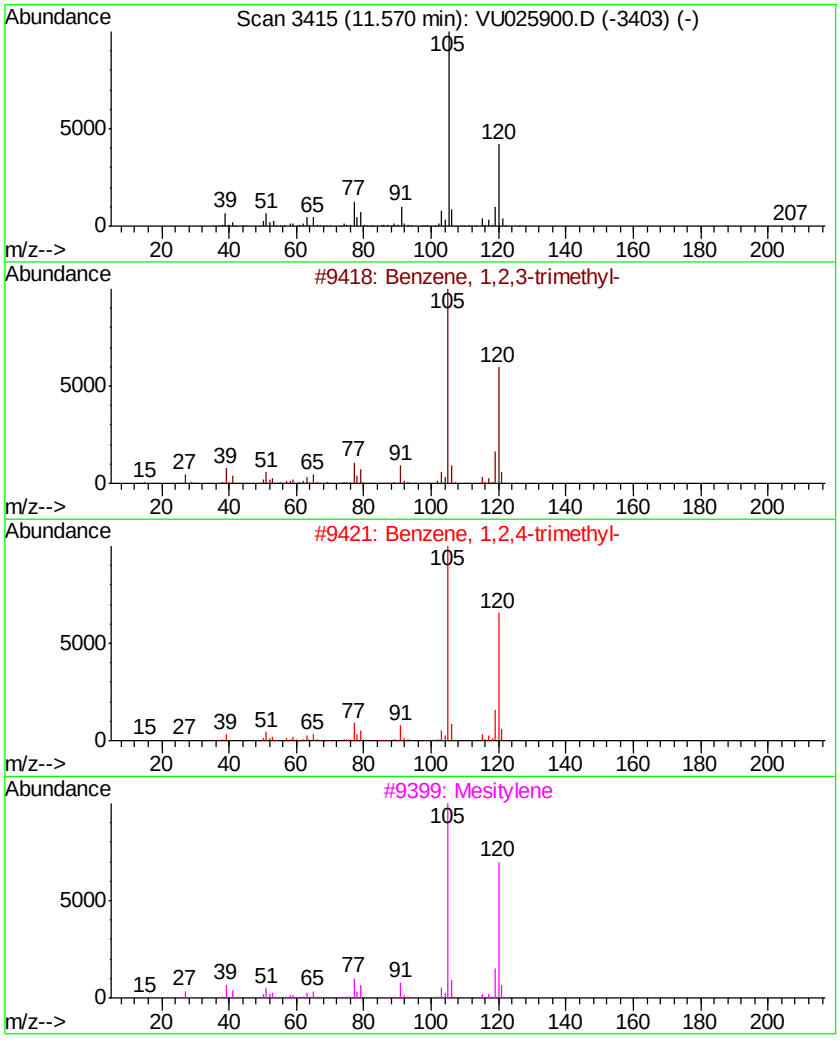
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

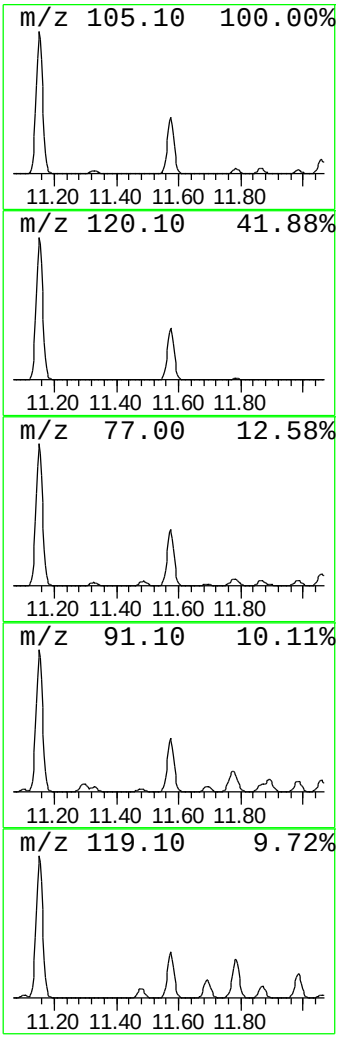
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	106.67 ug/l	2428580	1,4-Dichlorobenzene-d4	11.49

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	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

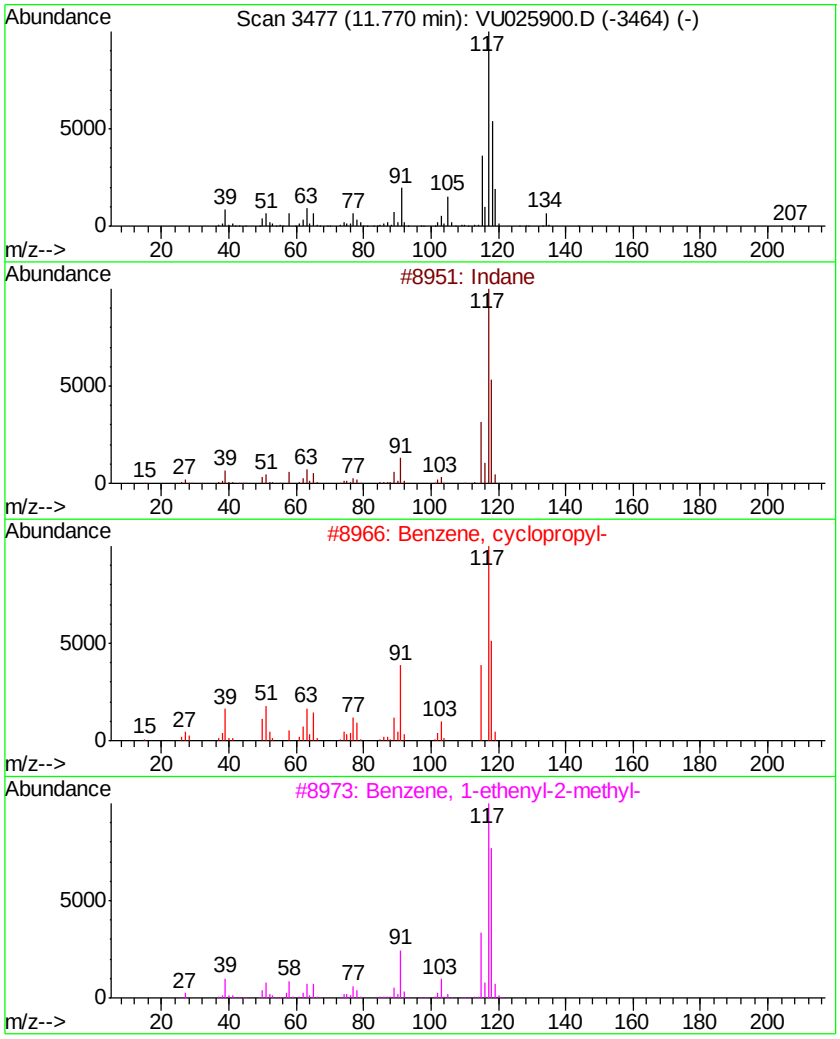
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

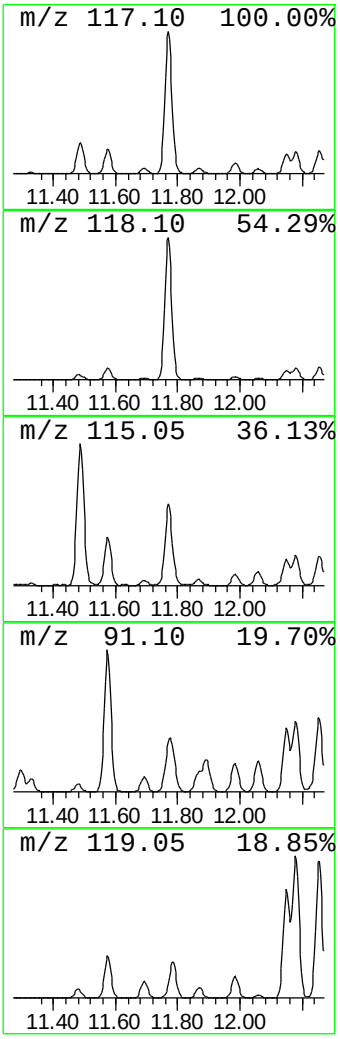
****

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	35.91 ug/l	817512	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62





Library Search Compound Report

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Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

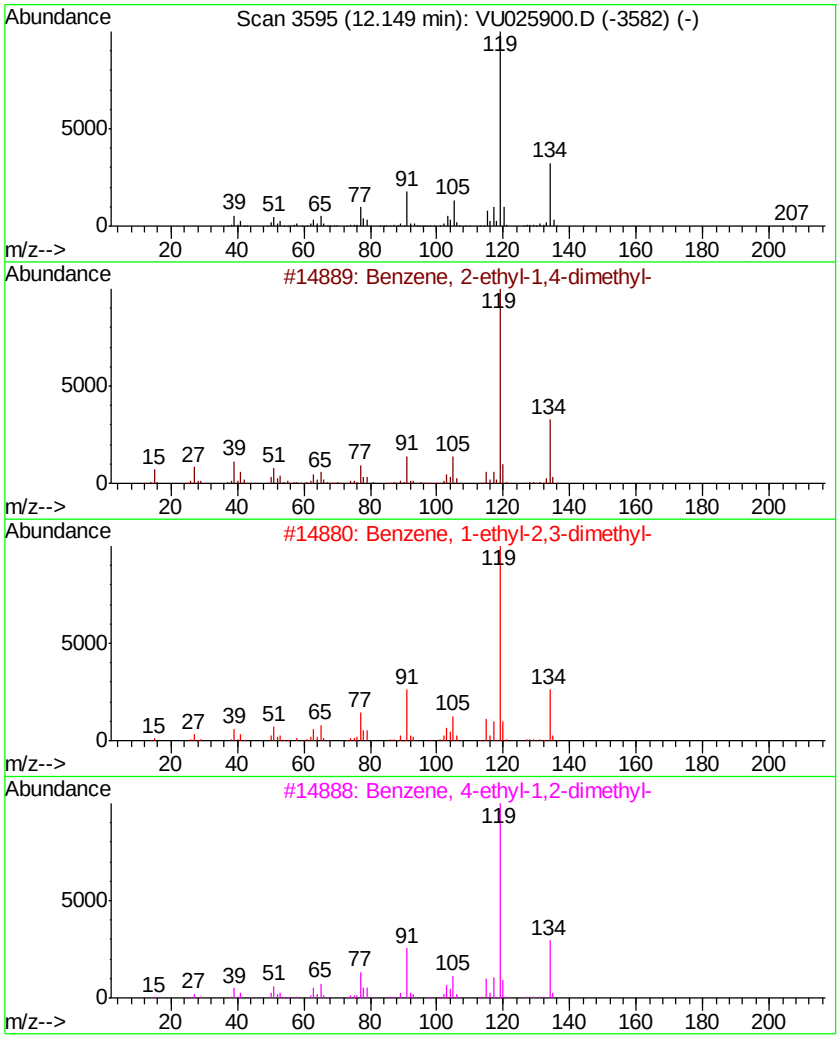
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

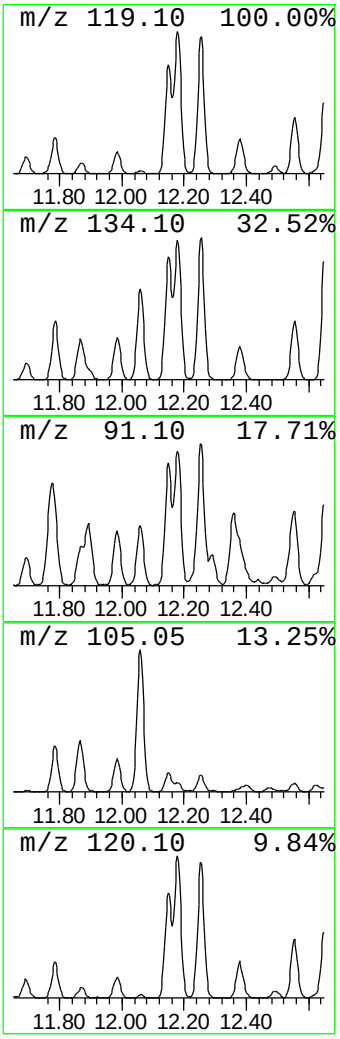
****

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	27.15 ug/l	618020	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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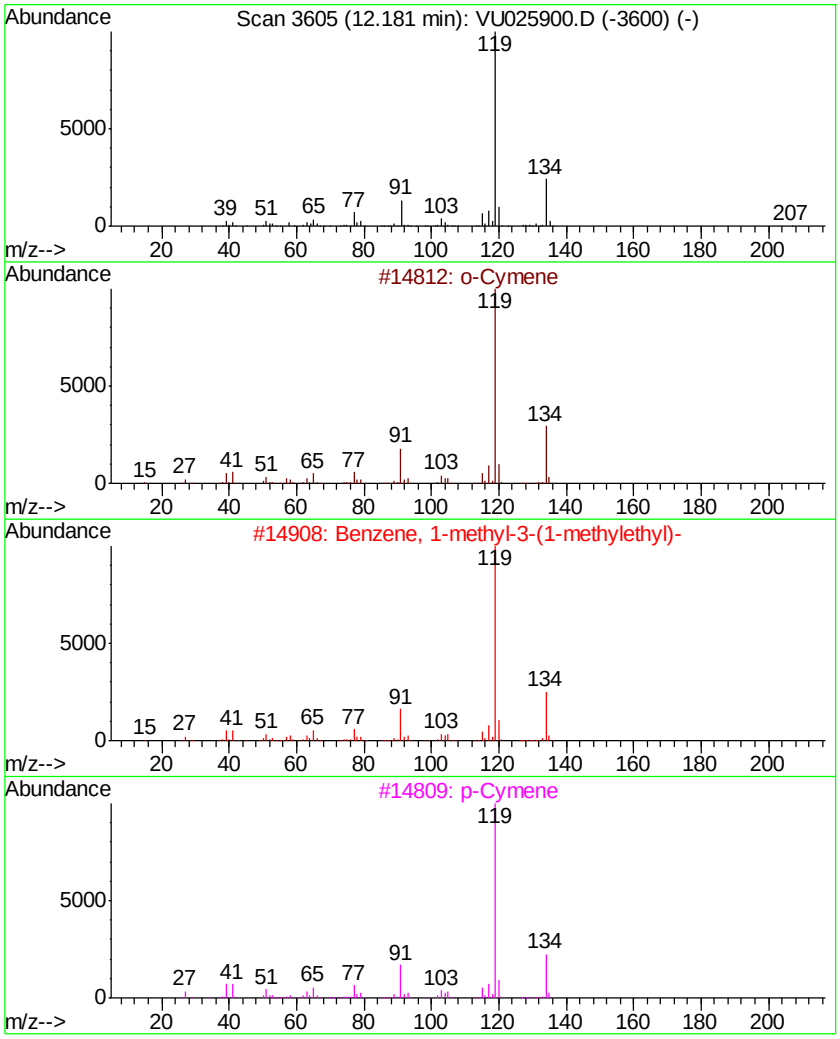
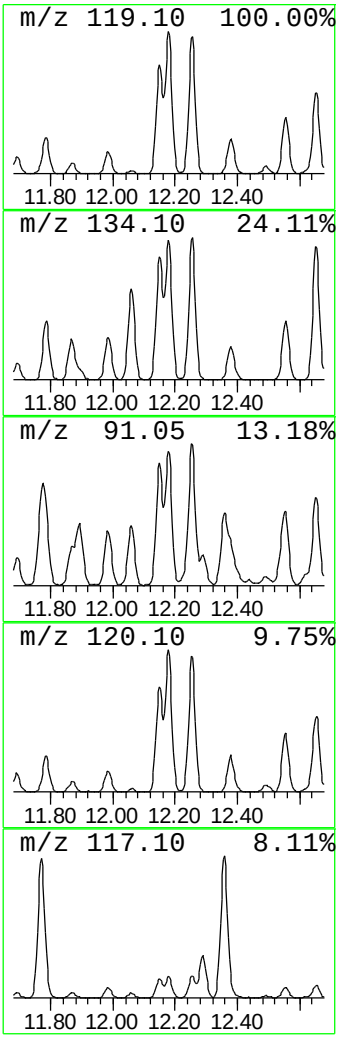
****

Peak Number 5 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	28.02 ug/l	637952	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

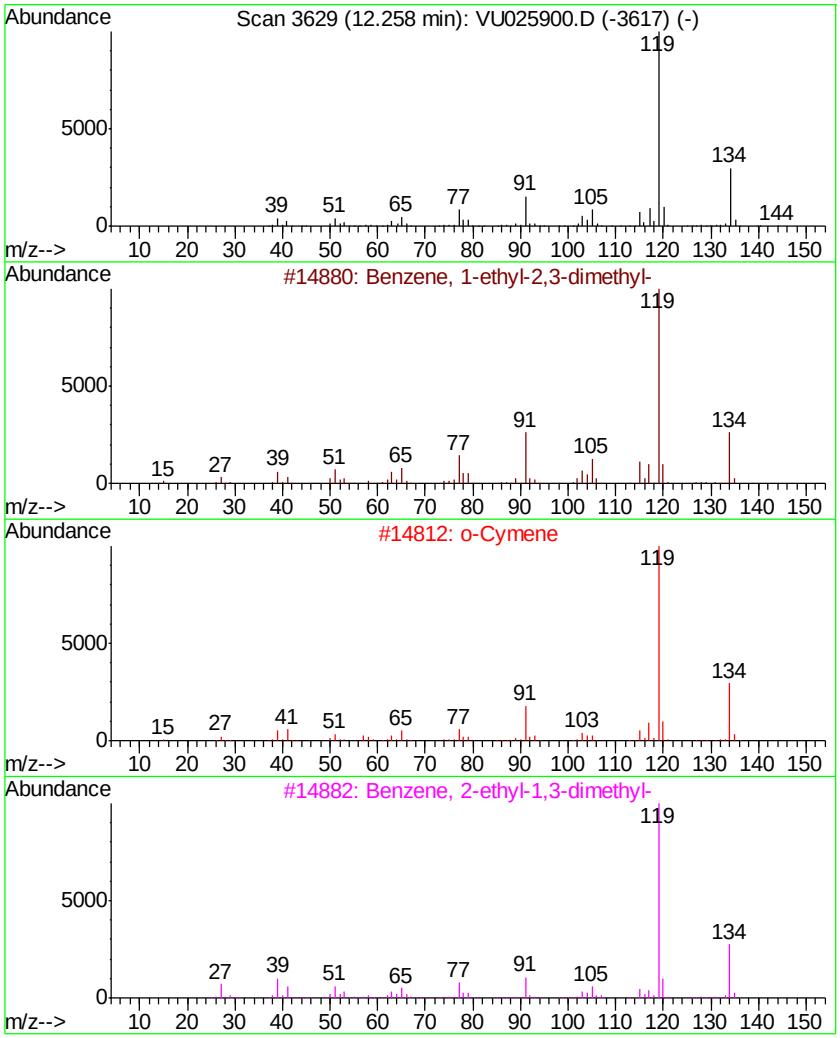
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

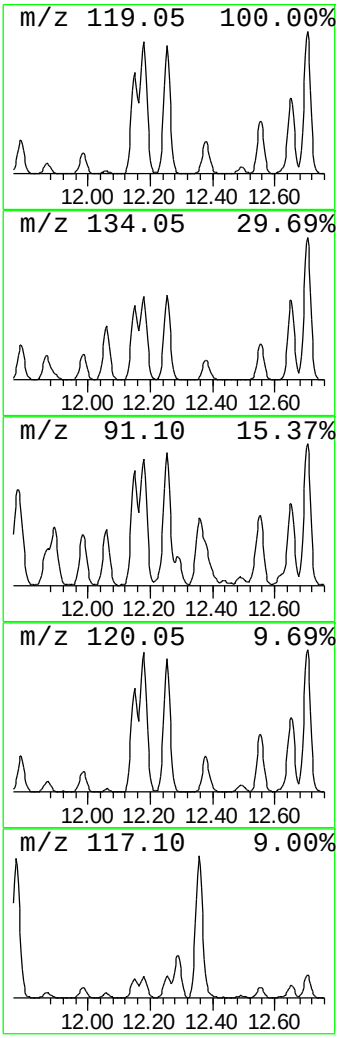
****

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	32.54 ug/l	740929	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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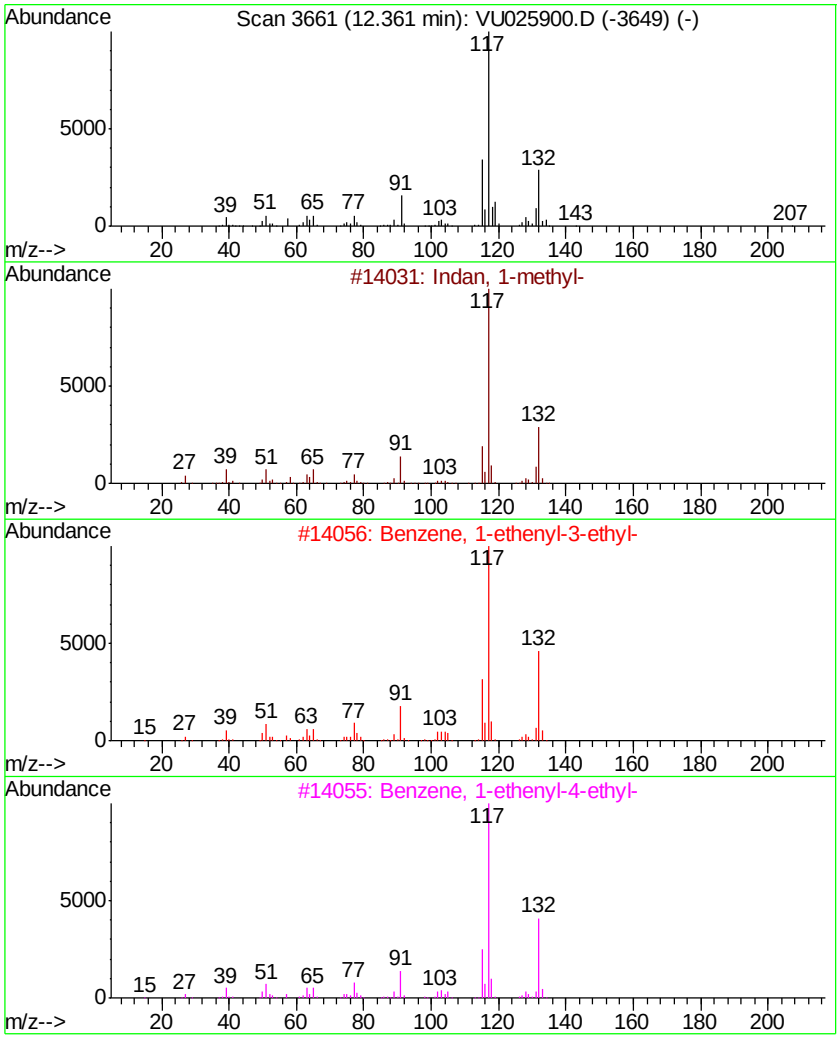
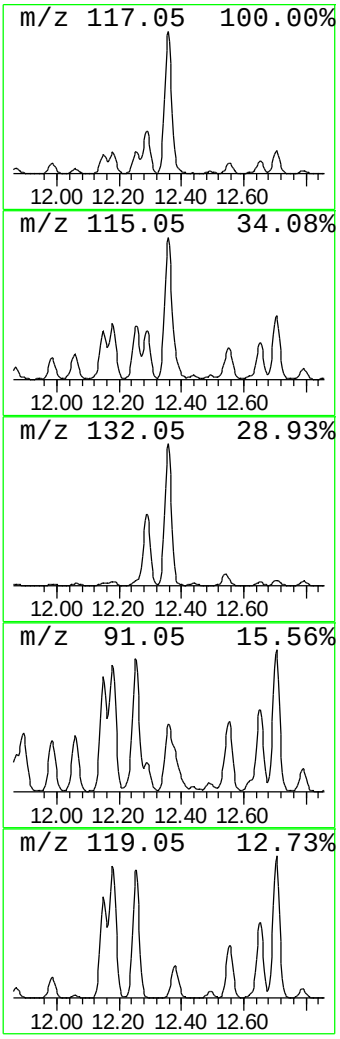
Peak Number 7 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	29.78 ug/l	678057	1,4-Dichlorobenzene-d4	11.49

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	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Instrument : MSVOA_U
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Quant Title : SW846 8260

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

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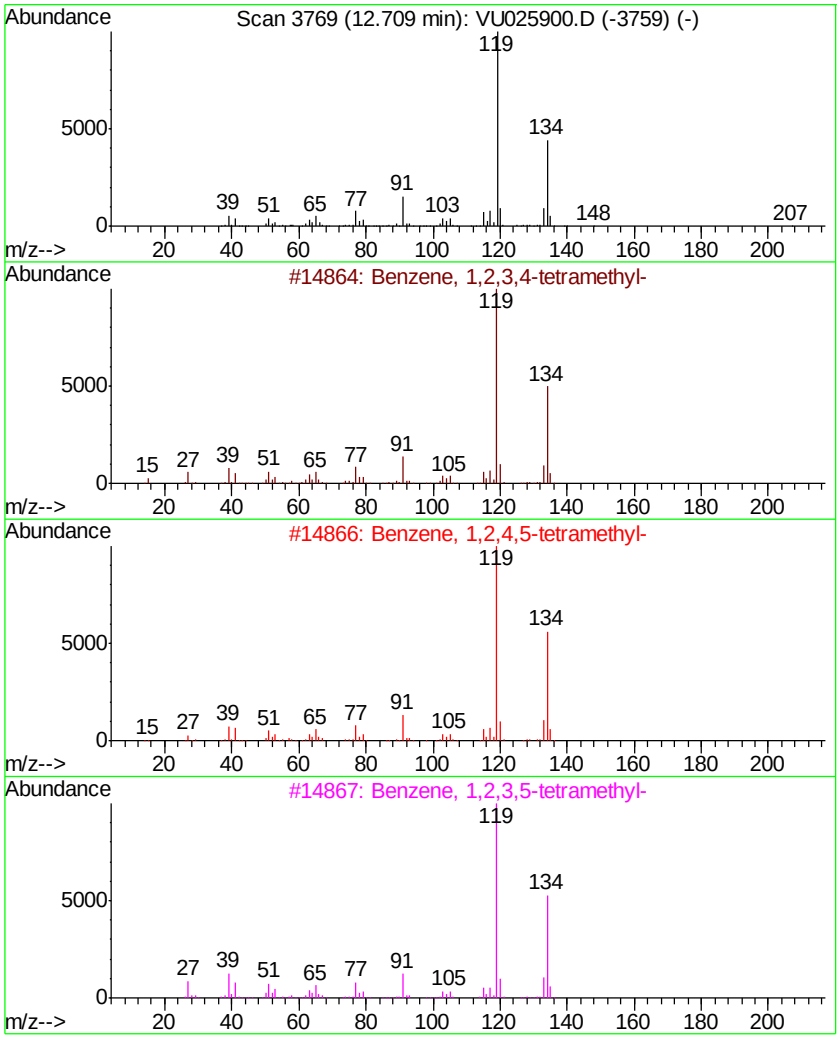
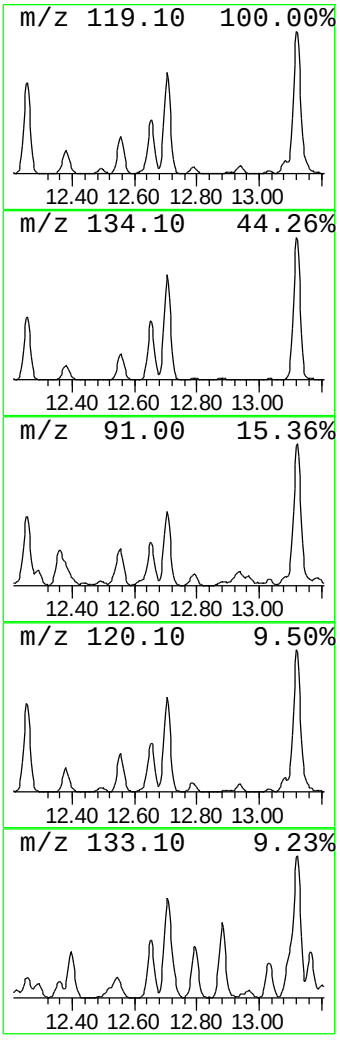
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	39.27 ug/l	894063	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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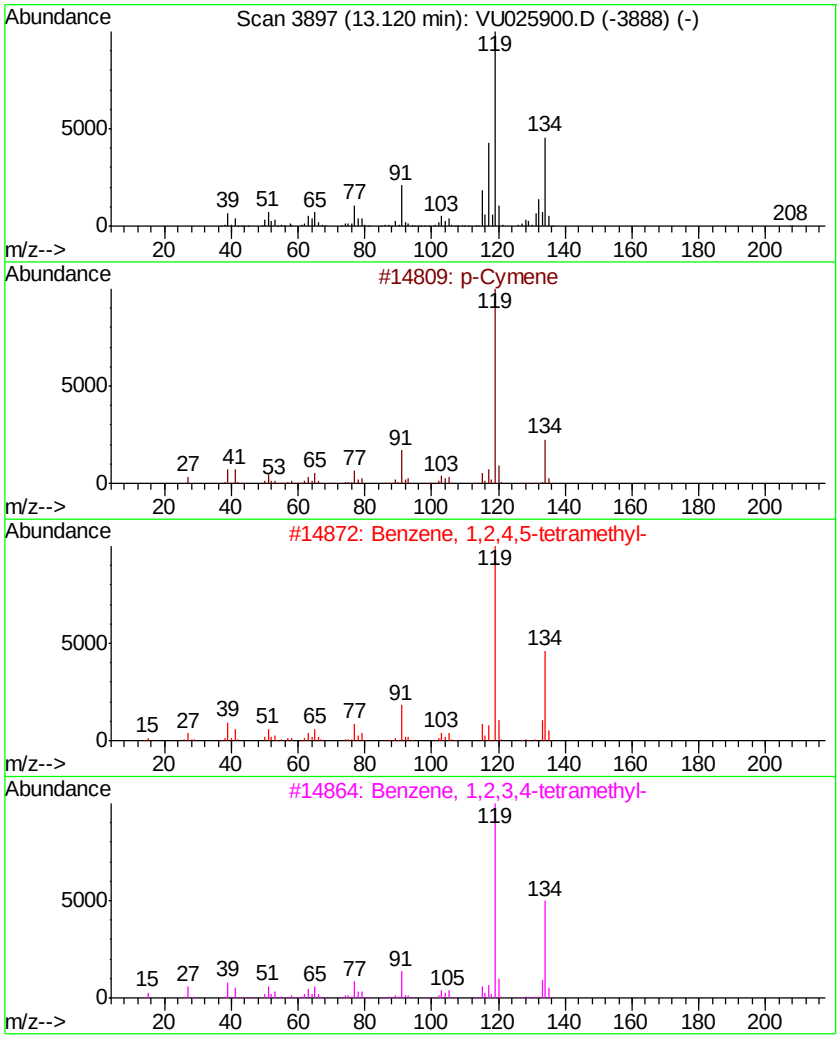
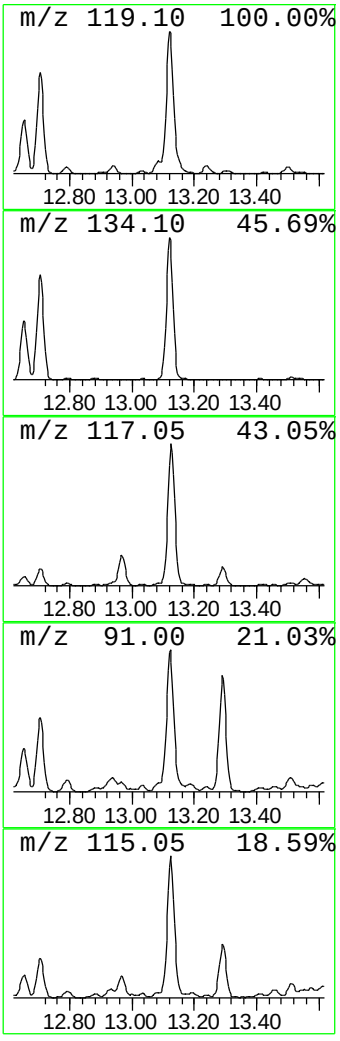
Peak Number 9 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	79.84 ug/l	1817570	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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

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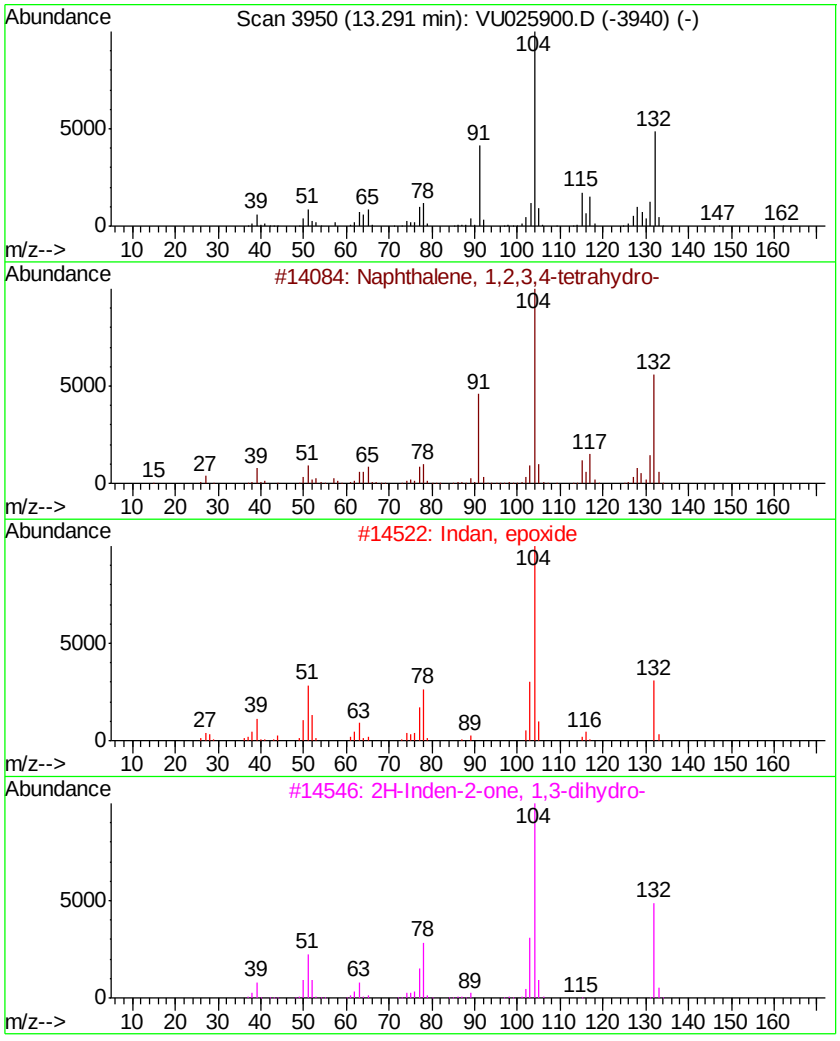
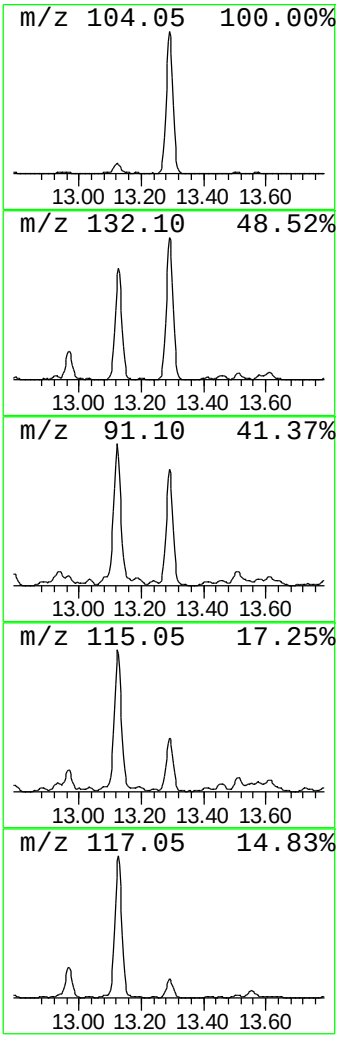
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	34.75 ug/l	791025	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4	Benzene, cyclobutyl-	132	C10H12	004392-30-7	42
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Data File : VU025900.D
Acq On : 06 Aug 2018 20:49
Operator : MD/SY
Sample : J4263-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0516

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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	106.7	ug/l	2428580	4	11.49	1138320	50.0
Indane	11.77	35.9	ug/l	817512	4	11.49	1138320	50.0
Benzene, 2-ethyl-...	12.15	27.1	ug/l	618020	4	11.49	1138320	50.0
o-Cymene	12.18	28.0	ug/l	637952	4	11.49	1138320	50.0
Benzene, 1-ethyl-...	12.26	32.5	ug/l	740929	4	11.49	1138320	50.0
Indan, 1-methyl-	12.36	29.8	ug/l	678057	4	11.49	1138320	50.0
Benzene, 1,2,3,4-...	12.71	39.3	ug/l	894063	4	11.49	1138320	50.0
p-Cymene	13.12	79.8	ug/l	1817570	4	11.49	1138320	50.0
Naphthalene, 1,2,...	13.29	34.8	ug/l	791025	4	11.49	1138320	50.0