LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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	1.088	137	155	174	rBV	376937	421447	13.30%	1.822%
2	2.747	664	671	680	rVV2	33905	67221	2.12%	0.291%
3	3.001	730	750	773	rBV2	59598	127189	4.01%	0.550%
4	4.101	1072	1092	1114	rVB	181904	485071	15.31%	2.097%
5	4.889	1319	1337	1353	rBV	163278	368925	11.64%	1.595%
6	4.995	1353	1370	1389	rVV2	483534	1242783	39.22%	5.372%
7	5.085	1389	1398	1418	rVB3	24500	59533	1.88%	0.257%
8	5.226	1428	1442	1444	rBV2	21449	35503	1.12%	0.153%
9	5.313	1459	1469	1489	rVB	163094	346281	10.93%	1.497%
10	5.487	1507	1523	1535	rBV3	50970	114219	3.60%	0.494%
11	5.558	1535	1545	1556	rVV3	44192	98287	3.10%	0.425%
12	5.628	1556	1567	1585	rVB3	69613	155114	4.89%	0.671%
13	5.892	1634	1649	1671	rBV	315051	619823	19.56%	2.679%
14	6.419	1791	1813	1840	rBV	477801	1025491	32.36%	4.433%
15	6.648	1871	1884	1897	rVB3	36583	68809	2.17%	0.297%
16	6.744	1899	1914	1928	rVB5	16883	33628	1.06%	0.145%
17	6.908	1954	1965	1983	rVB4	19930	40931	1.29%	0.177%
18	7.570	2146	2171	2201	rBV	613228	1164325	36.74%	5.033%
19	7.715	2202	2216	2229	rBV2	29816	69013	2.18%	0.298%
20	7.921	2269	2280	2295	rVB	67503	119015	3.76%	0.514%
21	8.049	2305	2320	2332	rBV2	28358	51233	1.62%	0.221%
22	8.493	2439	2458	2466	rBV4	19590	35804	1.13%	0.155%
23	8.548	2466	2475	2485	rVB2	38994	64595	2.04%	0.279%
24	8.609	2485	2494	2504	rBV	34756	57367	1.81%	0.248%
25	9.094	2630	2645	2662	rBV	474009	787498	24.85%	3.404%
26	9.191	2665	2675	2684	rVV2	29101	50365	1.59%	0.218%
27	9.252	2684	2694	2708	rVB	116486	183060	5.78%	0.791%
28	9.381	2718	2734	2751	rBV	1380100	2148547	67.80%	9.288%
29	10.168	2967	2979	2999	rBV	317799	490512	15.48%	2.120%
30	10.310	3011	3023	3038	rBV	498692	794055	25.06%	3.433%
31	10.590	3098	3110	3127	rBV	340578	525633	16.59%	2.272%
32	10.709	3135	3147	3166	rBV	509723	754321	23.80%	3.261%
33	10.975	3216	3230	3249	rBV	639566	1002241	31.63%	4.333%
34	11.152	3273	3285	3302	rVB	2105048	3168983	100.00%	13.699%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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

35	11.326	3333	3339	3351	rVB	48041	71934	2.27%	0.311%
36	11.487	3376	3389	3404	rBV	686824	1091636	34.45%	4.719%
37	11.573	3404	3416	3433	rVB	951175	1450975	45.79%	6.272%
38	11.689	3443	3452	3464	rVB	21231	31803	1.00%	0.137%
39	11.770	3464	3477	3492	rBV3	251689	454022	14.33%	1.963%
40	11.866	3496	3507	3529	rVB3	56909	127720	4.03%	0.552%
41	11.982	3531	3543	3555	rBV	30698	47739	1.51%	0.206%
42	12.056	3555	3566	3579	rBV	77446	120184	3.79%	0.520%
43	12.149	3582	3595	3599	rBV	90315	133521	4.21%	0.577%
44	12.178	3600	3604	3614	rVV	100193	135801	4.29%	0.587%
45	12.252	3614	3627	3634	rVV	117509	188426	5.95%	0.815%
46	12.287	3634	3638	3649	rVV	45633	65641	2.07%	0.284%
47	12.358	3649	3660	3681	rVB3	96065	213173	6.73%	0.922%
48	12.551	3709	3720	3732	rVB3	71654	123510	3.90%	0.534%
49	12.654	3732	3752	3759	rVV	71632	120872	3.81%	0.523%
50	12.705	3759	3768	3781	rVV	132969	205108	6.47%	0.887%
51	12.969	3842	3850	3859	rVB	39707	58365	1.84%	0.252%
52	13.123	3877	3898	3914	rBV2	248933	436322	13.77%	1.886%
53	13.290	3940	3950	3964	rVB2	95906	153720	4.85%	0.665%
54	13.512	4010	4019	4025	rBV4	26286	41115	1.30%	0.178%
55	13.744	4077	4091	4103	rBV	390562	630119	19.88%	2.724%
56	14.348	4266	4279	4293	rVB7	18181	44302	1.40%	0.192%
57	14.882	4433	4445	4459	rBV	124250	216668	6.84%	0.937%
58	15.065	4490	4502	4517	rBV	112060	193009	6.09%	0.834%

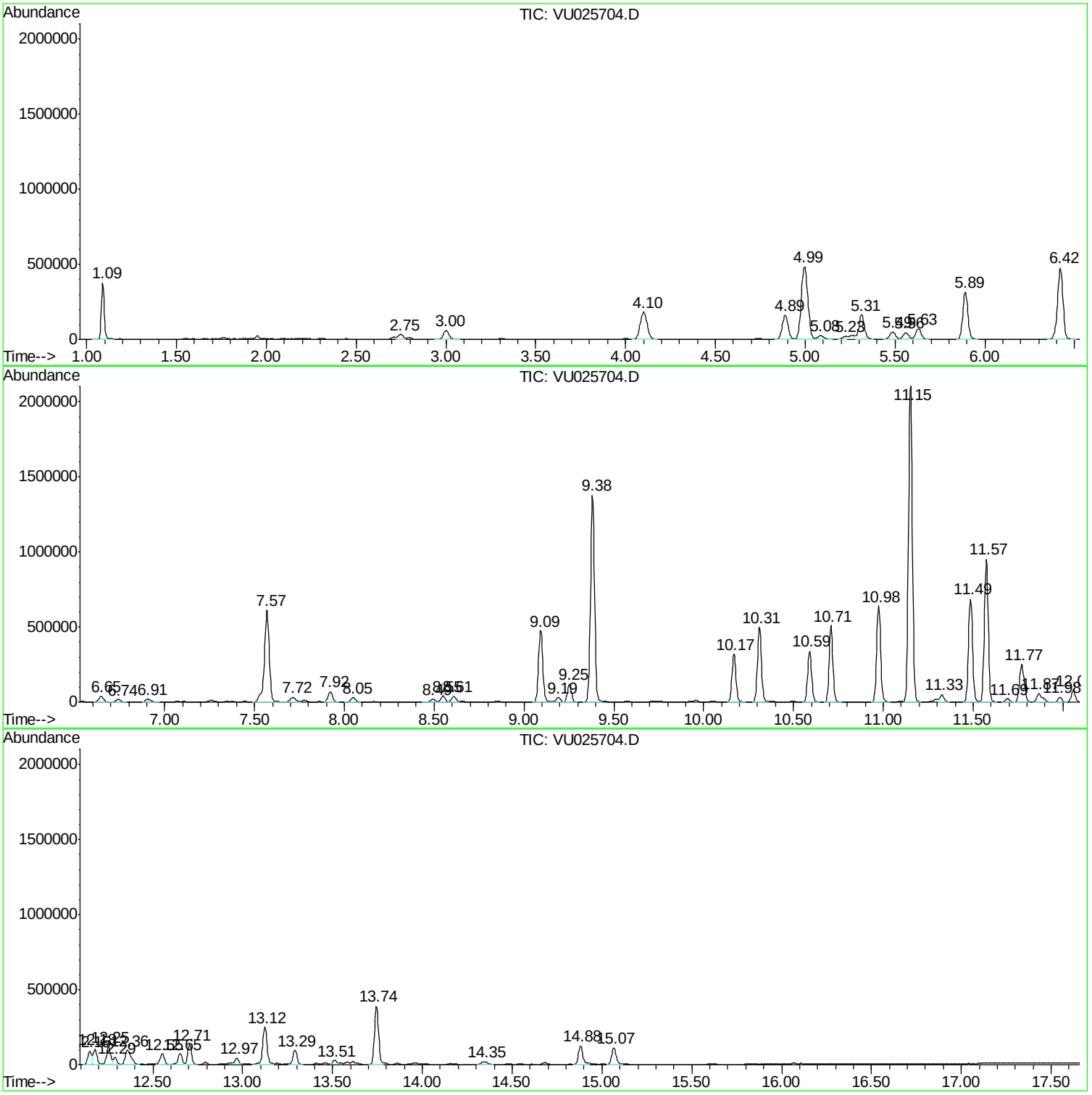
Sum of corrected areas: 23132507

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0511

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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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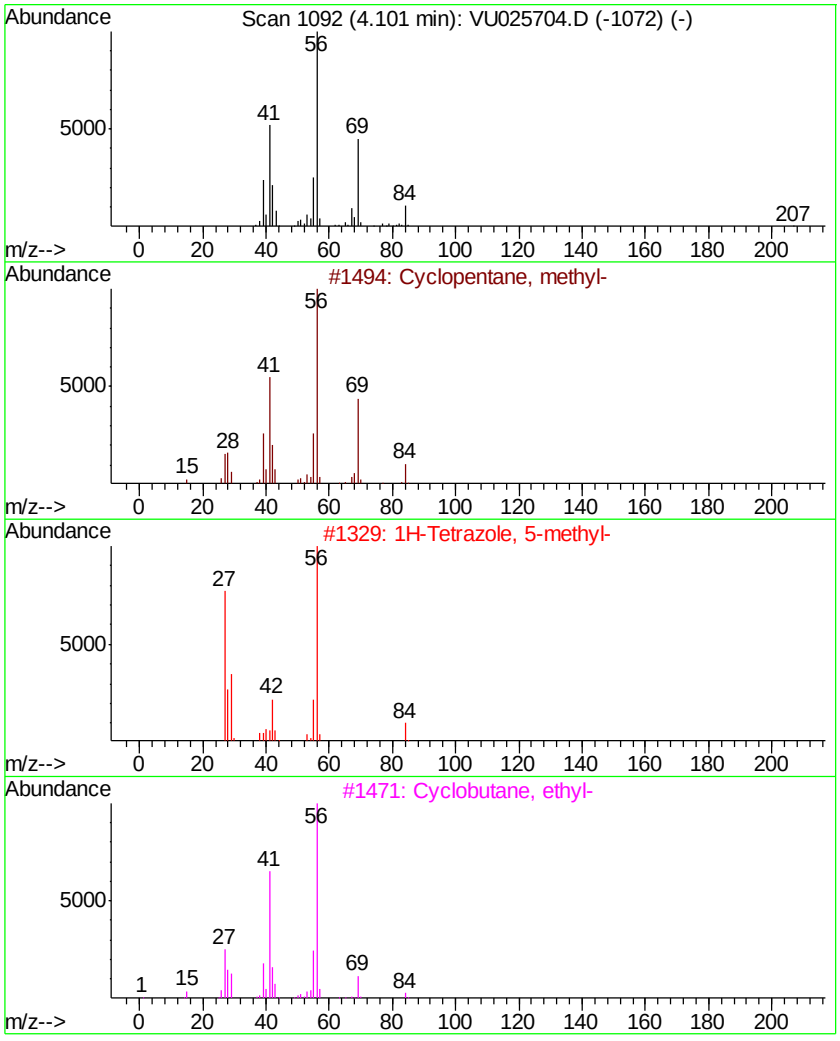
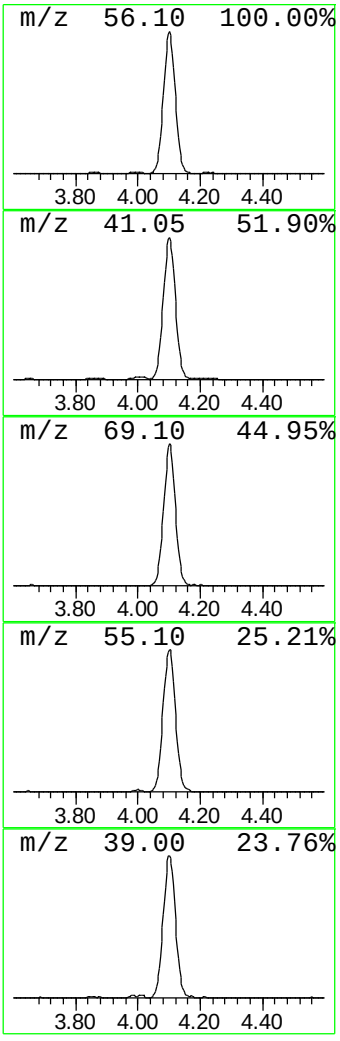
Peak Number 2 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	19.52 ug/l	485071	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclobutane	56	C4H8	000287-23-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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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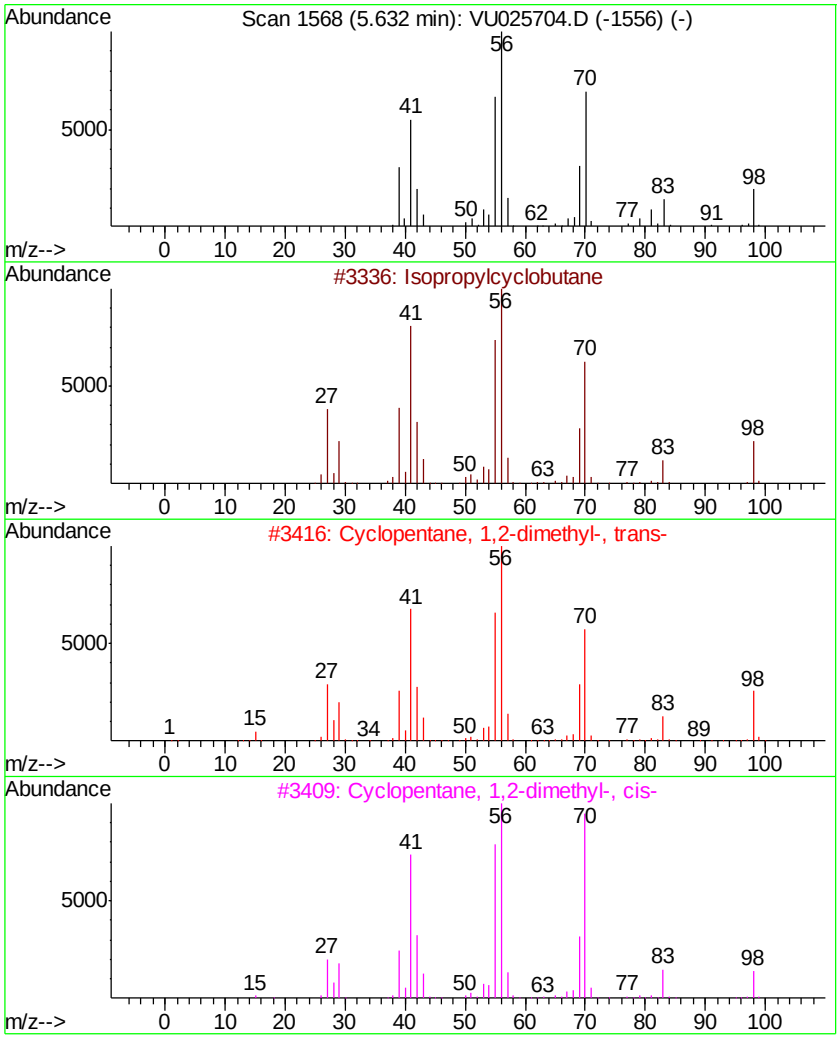
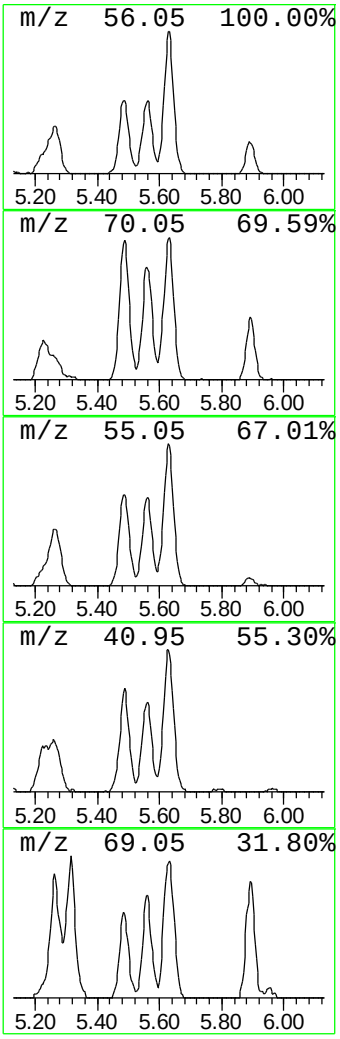
Peak Number 3 Isopropylcyclobutane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	12.51 ug/l	155114	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
4	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	68
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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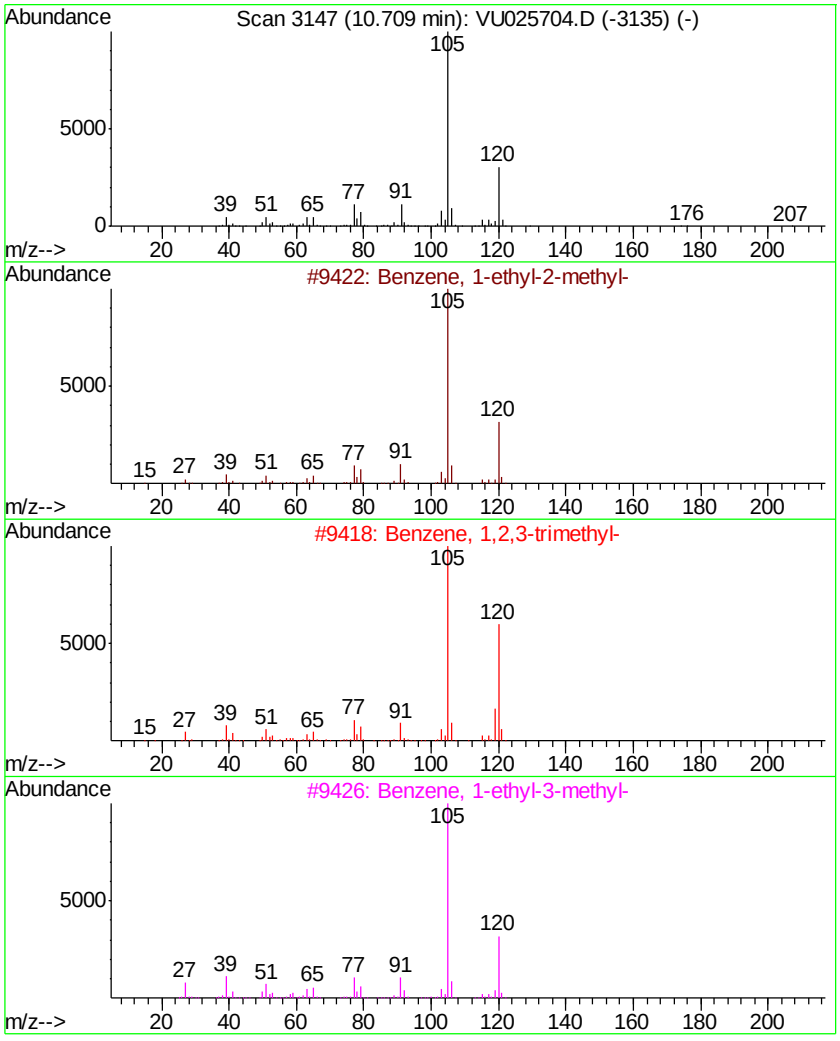
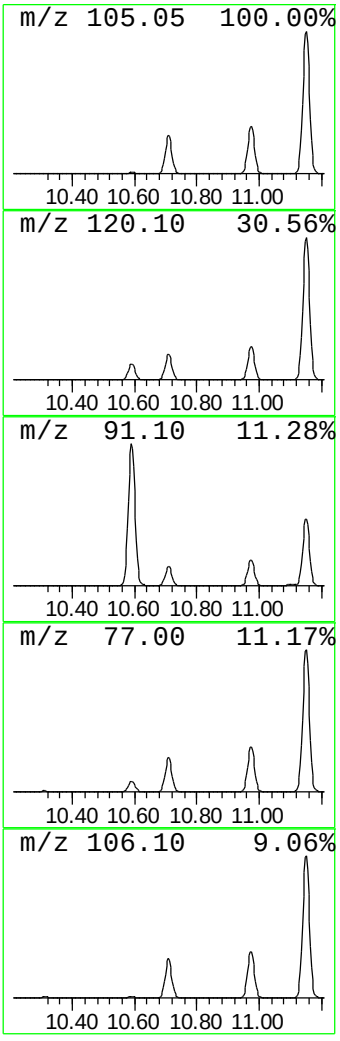
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	34.55 ug/l	754321	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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

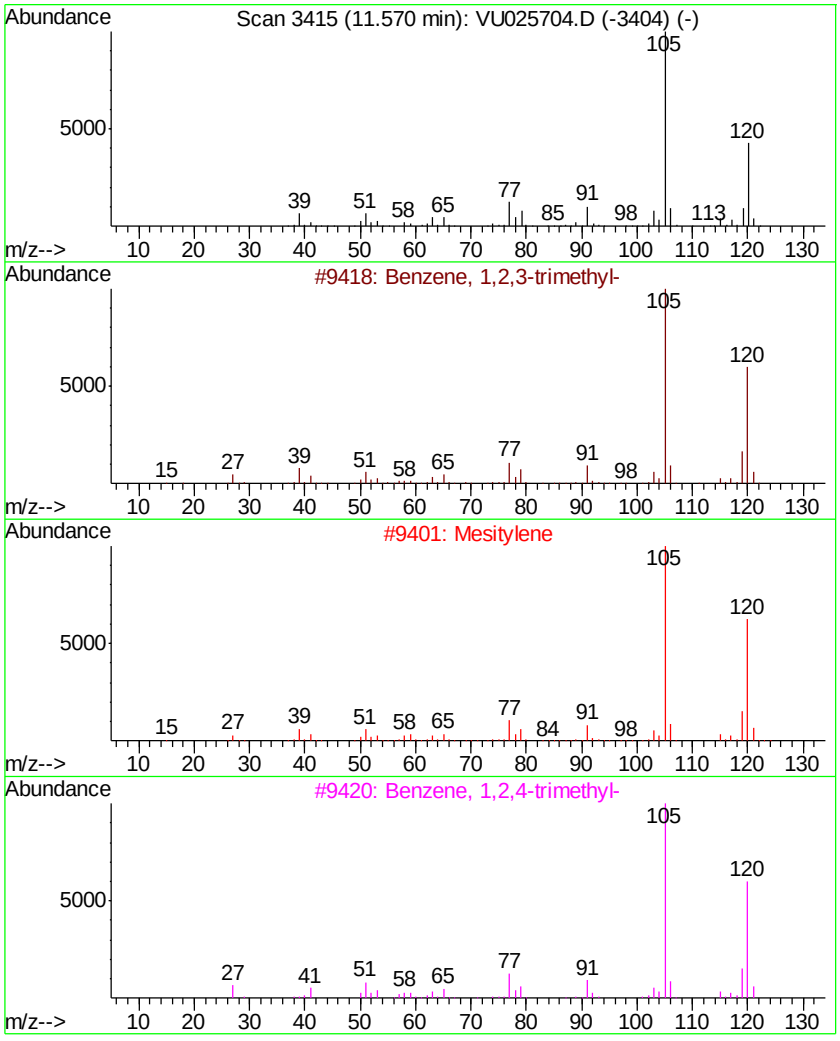
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

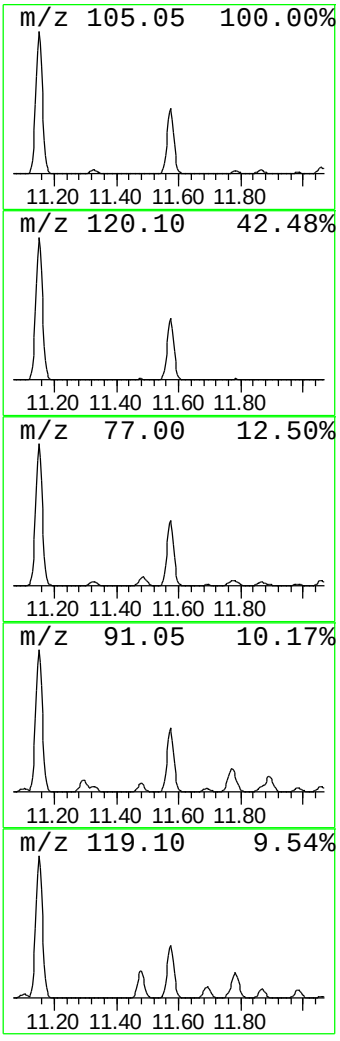
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	66.46 ug/l	1450980	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	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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

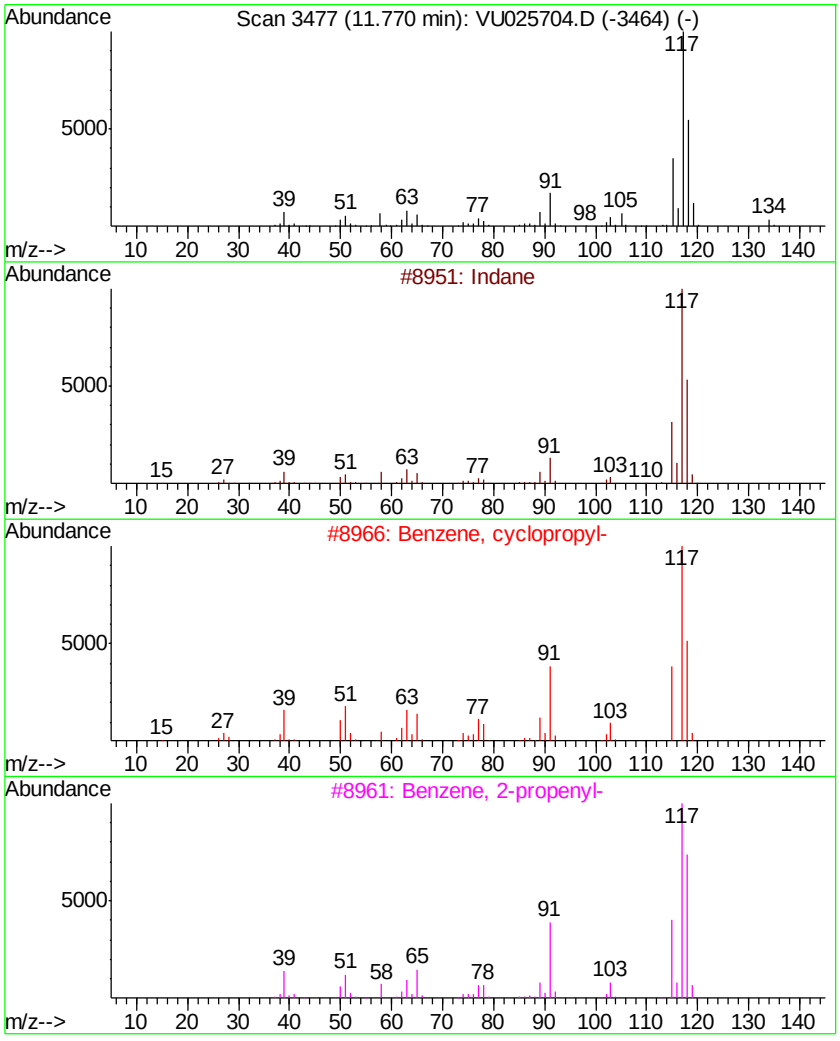
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

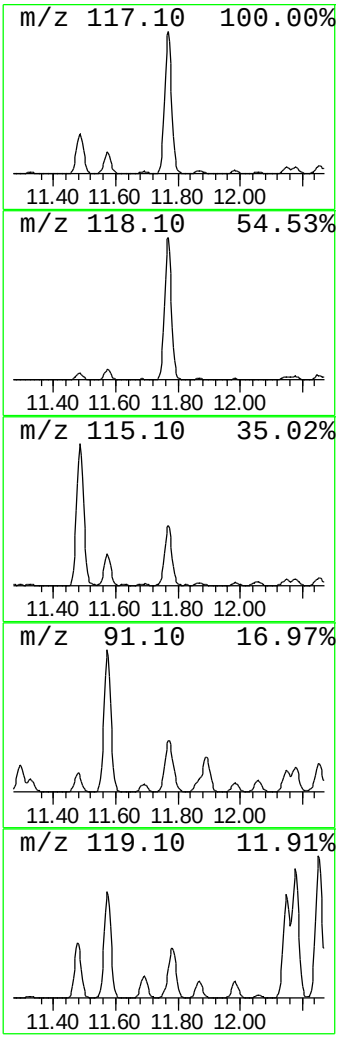
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	20.80 ug/l	454022	1,4-Dichlorobenzene-d4	11.49

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	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Deltacyclene	118	C9H10	007785-10-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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

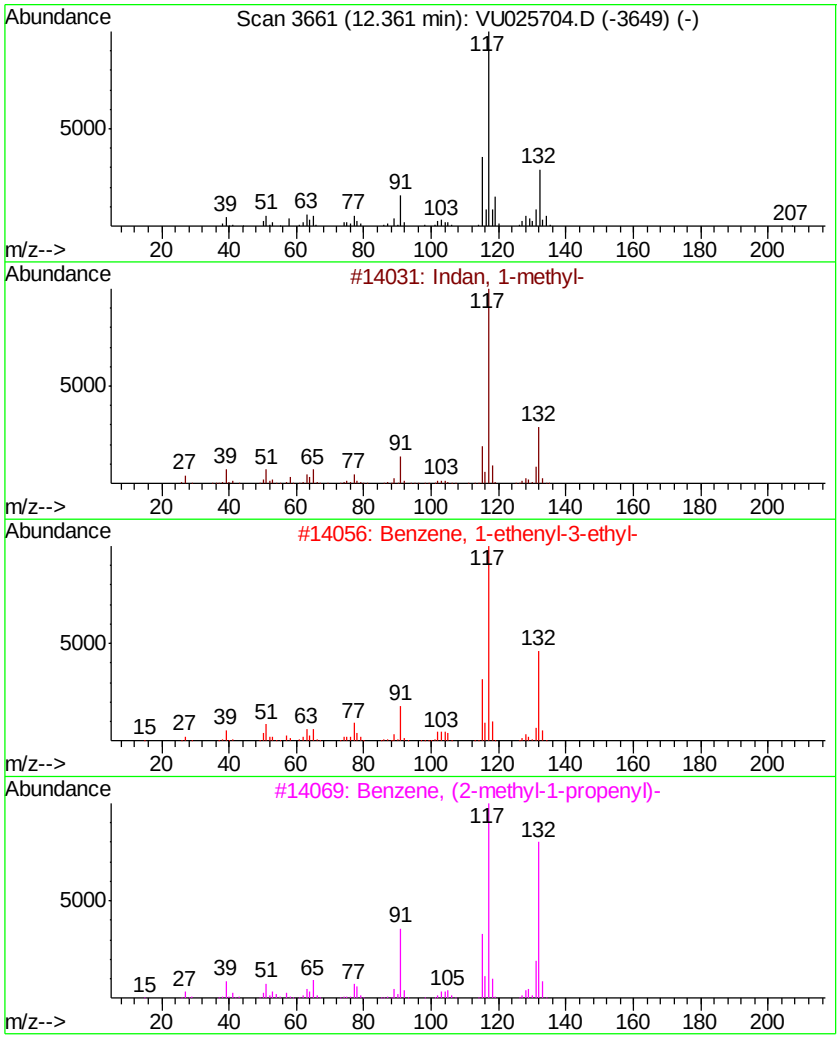
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

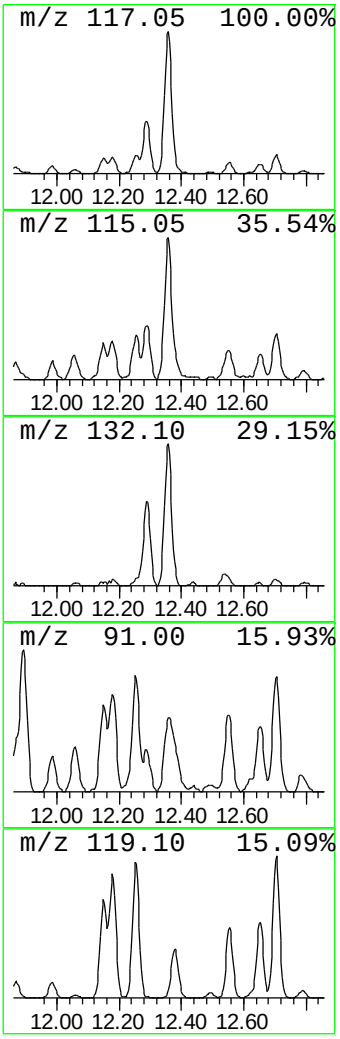
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	9.76 ug/l	213173	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
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Sample : J4208-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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

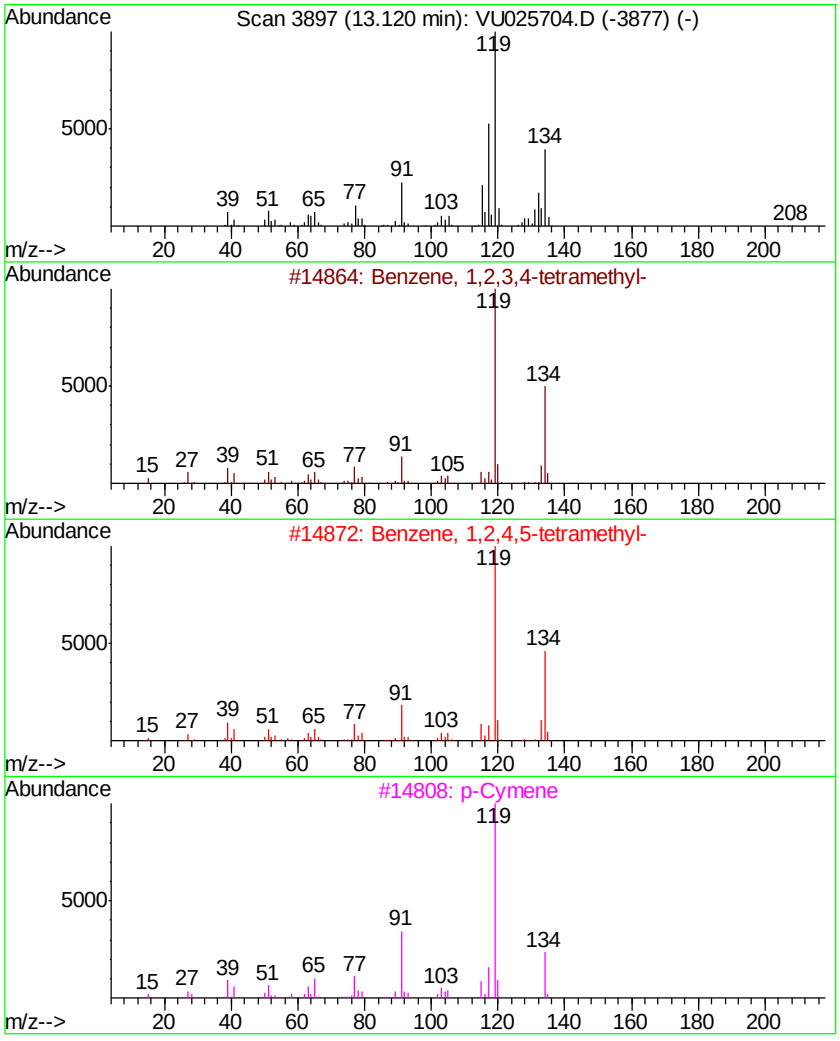
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

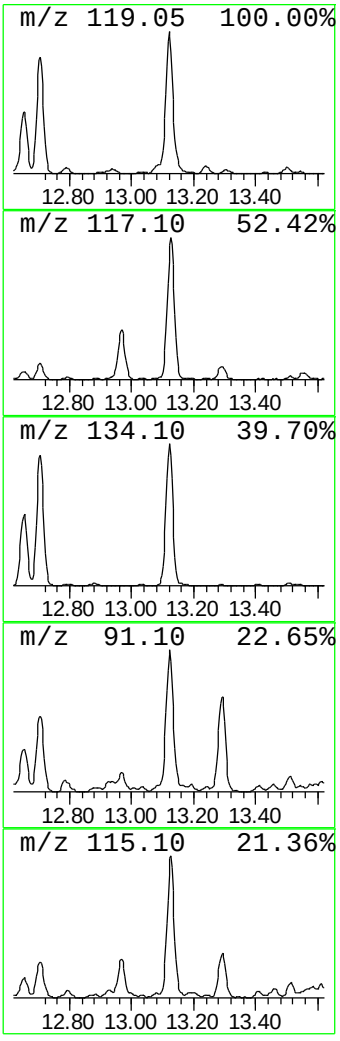
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	19.98 ug/l	436322	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	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	p-Cymene	134	C10H14	000099-87-6	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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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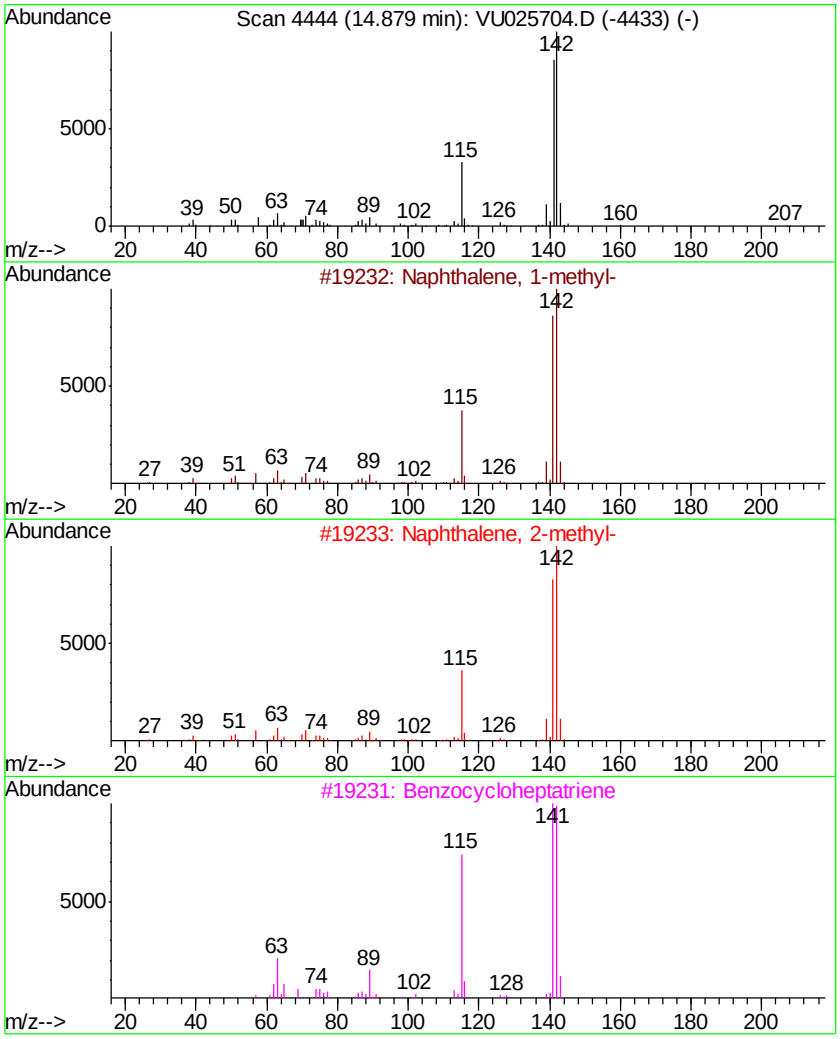
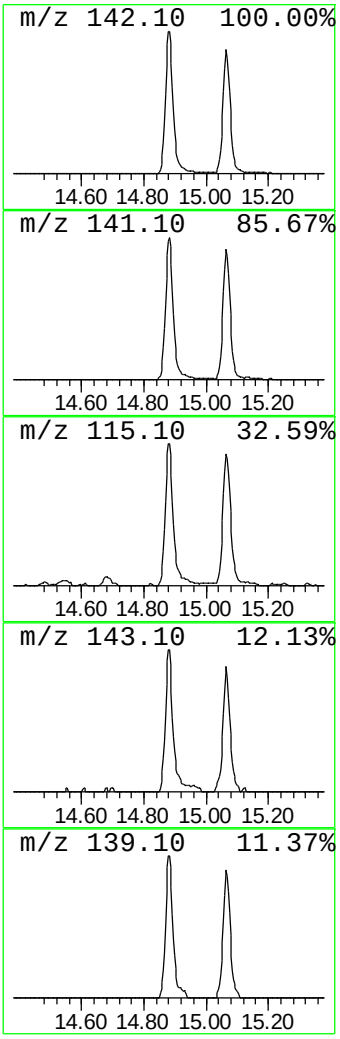
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.92 ug/l	216668	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0511

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
Cyclopentane, met...	4.10	19.5	ug/l	485071	1	4.99	1242780	50.0
Isopropylcyclobutane	5.63	12.5	ug/l	155114	2	5.89	619823	50.0
Benzene, 1-ethyl-...	10.71	34.5	ug/l	754321	4	11.49	1091640	50.0
Benzene, 1,2,3-tr...	11.57	66.5	ug/l	1450980	4	11.49	1091640	50.0
Indane	11.77	20.8	ug/l	454022	4	11.49	1091640	50.0
Indan, 1-methyl-	12.36	9.8	ug/l	213173	4	11.49	1091640	50.0
Benzene, 1,2,3,4-...	13.12	20.0	ug/l	436322	4	11.49	1091640	50.0
Naphthalene, 1-me...	14.88	9.9	ug/l	216668	4	11.49	1091640	50.0