LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR090119WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.396	87	95	104	rBV	119535	125118	3.97%	0.309%
2	1.675	174	182	195	rVB	104156	126024	4.00%	0.312%
3	2.264	353	365	375	rBV	210255	321724	10.22%	0.795%
4	2.434	409	418	445	rVB	28621	56494	1.79%	0.140%
5	4.170	945	958	992	rBV3	137468	529921	16.83%	1.310%
6	4.627	1081	1100	1125	rBV	158483	385979	12.26%	0.954%
7	4.968	1190	1206	1223	rBV5	26781	64313	2.04%	0.159%
8	5.318	1293	1315	1340	rBV3	329058	897428	28.50%	2.219%
9	5.865	1471	1485	1505	rBV	346495	694947	22.07%	1.718%
10	6.164	1567	1578	1594	rBV2	77249	153062	4.86%	0.378%
11	6.312	1611	1624	1637	rBV	210036	429509	13.64%	1.062%
12	6.392	1639	1649	1666	rVB2	65644	140556	4.46%	0.348%
13	7.209	1891	1903	1922	rBV	99463	190867	6.06%	0.472%
14	7.543	1988	2007	2024	rBV	439264	798845	25.37%	1.975%
15	7.833	2087	2097	2108	rBV	58297	102856	3.27%	0.254%
16	7.894	2110	2116	2129	rVB4	19391	34465	1.09%	0.085%
17	8.206	2201	2213	2230	rBV	319892	548842	17.43%	1.357%
18	8.296	2231	2241	2268	rBV	434962	820175	26.05%	2.028%
19	9.071	2469	2482	2503	rBV	500878	858017	27.25%	2.122%
20	9.167	2504	2512	2522	rVV2	19070	34227	1.09%	0.085%
21	9.231	2522	2532	2544	rVV2	38935	67803	2.15%	0.168%
22	9.341	2556	2566	2585	rVB7	12897	36919	1.17%	0.091%
23	10.144	2806	2816	2843	rBV	182360	303413	9.64%	0.750%
24	10.411	2889	2899	2911	rVV	167196	276121	8.77%	0.683%
25	10.566	2936	2947	2967	rBV	198674	324616	10.31%	0.803%
26	10.685	2968	2984	2993	rVV2	37324	95062	3.02%	0.235%
27	10.752	2993	3005	3026	rVB	314555	486597	15.45%	1.203%
28	10.948	3054	3066	3091	rBV	622421	993416	31.55%	2.456%
29	11.125	3112	3121	3147	rVB	331037	527993	16.77%	1.306%
30	11.273	3150	3167	3168	rBV3	32002	52110	1.66%	0.129%
31	11.302	3169	3176	3190	rVB	158387	248328	7.89%	0.614%
32	11.405	3190	3208	3216	rBV	158760	246213	7.82%	0.609%
33	11.460	3216	3225	3244	rVB2	649059	1052922	33.44%	2.603%
34	11.550	3244	3253	3278	rVB	79735	144680	4.60%	0.358%

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR090119WMA.M
Title : TRACE VOA SOM01.0

35	11.665	3278	3289	3300	rVB	46210	72639	2.31%	0.180%
36	11.746	3300	3314	3323	rBV3	874500	1674652	53.19%	4.141%
37	11.842	3334	3344	3369	rVB5	923704	1887615	59.95%	4.667%
38	11.958	3369	3380	3393	rVB	110145	172445	5.48%	0.426%
39	12.032	3393	3403	3418	rBV	211346	328261	10.43%	0.812%
40	12.125	3419	3432	3439	rBV	384391	613756	19.49%	1.518%
41	12.228	3451	3464	3471	rBV	601973	958698	30.45%	2.370%
42	12.263	3471	3475	3486	rVB	328185	449992	14.29%	1.113%
43	12.331	3486	3496	3529	rVB2	786544	1681163	53.39%	4.157%
44	12.472	3529	3540	3546	rBV3	79213	127047	4.03%	0.314%
45	12.524	3546	3556	3570	rVB3	235177	472750	15.01%	1.169%
46	12.627	3570	3588	3597	rBV	395429	685931	21.79%	1.696%
47	12.681	3597	3605	3620	rVB	506615	784351	24.91%	1.939%
48	12.768	3621	3632	3640	rBV2	202828	348924	11.08%	0.863%
49	12.903	3664	3674	3679	rBV2	172652	279228	8.87%	0.690%
50	12.942	3679	3686	3695	rVB	546252	771598	24.51%	1.908%
51	13.009	3704	3707	3714	rVB3	50149	54308	1.72%	0.134%
52	13.103	3714	3736	3751	rBV2	1835314	3148626	100.00%	7.785%
53	13.173	3753	3758	3766	rVB6	93752	141522	4.49%	0.350%
54	13.267	3766	3787	3813	rVB	687306	1310088	41.61%	3.239%
55	13.386	3814	3824	3831	rBV2	177377	293193	9.31%	0.725%
56	13.434	3831	3839	3848	rVB	290371	436942	13.88%	1.080%
57	13.488	3848	3856	3863	rBV2	314907	493675	15.68%	1.221%
58	13.556	3872	3877	3881	rBV	106493	134642	4.28%	0.333%
59	13.588	3881	3887	3910	rVB2	554835	1031738	32.77%	2.551%
60	13.717	3910	3927	3936	rBV2	134121	304385	9.67%	0.753%
61	13.765	3936	3942	3954	rVB3	73705	128457	4.08%	0.318%
62	13.836	3954	3964	3978	rVB2	420190	676167	21.47%	1.672%
63	13.929	3979	3993	4005	rBV	698560	1206103	38.31%	2.982%
64	13.993	4005	4013	4023	rVB3	170072	273406	8.68%	0.676%
65	14.045	4024	4029	4044	rVB2	67358	111445	3.54%	0.276%
66	14.131	4045	4056	4072	rBV	268183	537641	17.08%	1.329%
67	14.328	4102	4117	4136	rBV3	576402	1292015	41.03%	3.195%
68	14.411	4137	4143	4148	rVV2	61038	84039	2.67%	0.208%
69	14.456	4149	4157	4167	rVV2	141607	241848	7.68%	0.598%
70	14.524	4167	4178	4190	rVB6	316368	623227	19.79%	1.541%
71	14.585	4190	4197	4208	rVB3	56325	93186	2.96%	0.230%

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Title : TRACE VOA SOM01.0

72	14.656	4208	4219	4235	rBV3	422895	831980	26.42%	2.057%
73	14.723	4236	4240	4247	rVB	30991	36032	1.14%	0.089%
74	14.800	4256	4264	4269	rBV3	69646	109409	3.47%	0.271%
75	14.842	4269	4277	4291	rVV3	193055	487152	15.47%	1.205%
76	14.913	4291	4299	4314	rVB3	235822	456062	14.48%	1.128%
77	14.990	4315	4323	4329	rBV3	72236	111869	3.55%	0.277%
78	15.041	4329	4339	4353	rBV2	561524	1022176	32.46%	2.527%
79	15.109	4353	4360	4367	rBV2	95442	149596	4.75%	0.370%
80	15.231	4386	4398	4409	rVB6	118634	256406	8.14%	0.634%
81	15.405	4443	4452	4460	rVB4	40973	71326	2.27%	0.176%
82	15.569	4488	4503	4505	rBV4	159376	288655	9.17%	0.714%
83	15.649	4521	4528	4545	rVB4	84777	146372	4.65%	0.362%
84	15.816	4566	4580	4590	rVB4	73085	166506	5.29%	0.412%
85	16.041	4642	4650	4658	rBV3	109866	179683	5.71%	0.444%
86	16.154	4679	4685	4692	rBV2	22749	34792	1.10%	0.086%

Sum of corrected areas: 40443281

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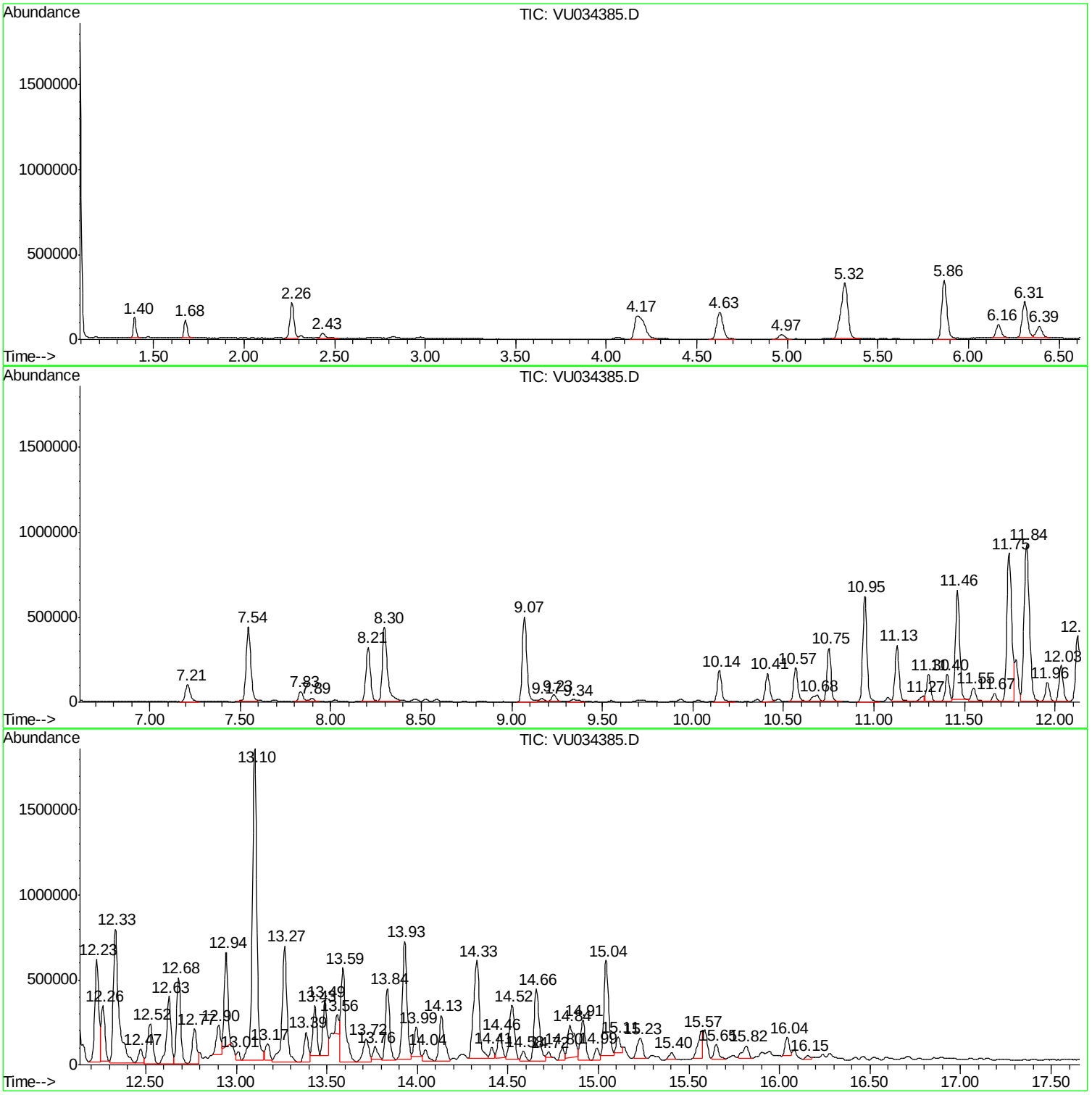
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

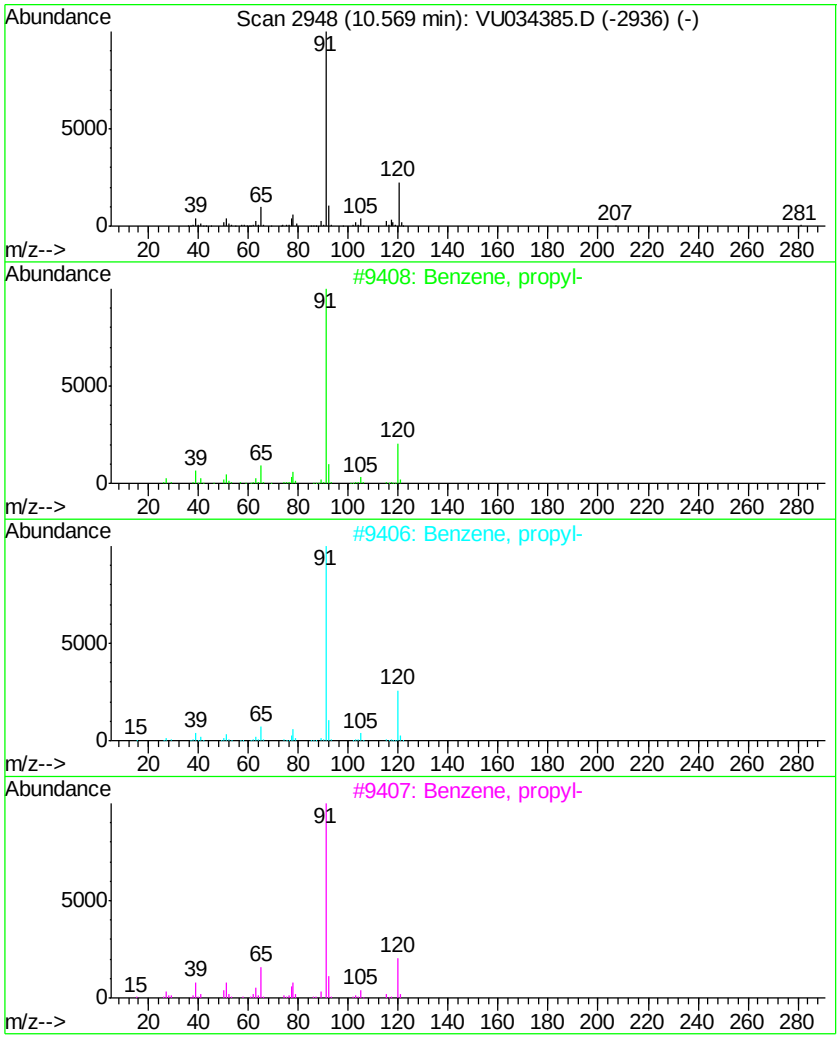
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

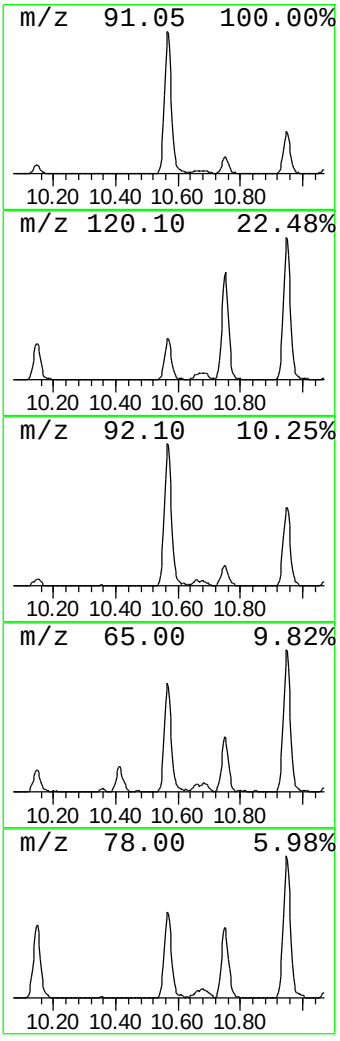
****

Peak Number 2 Benzene, propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	1.54 ug/L	324616	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

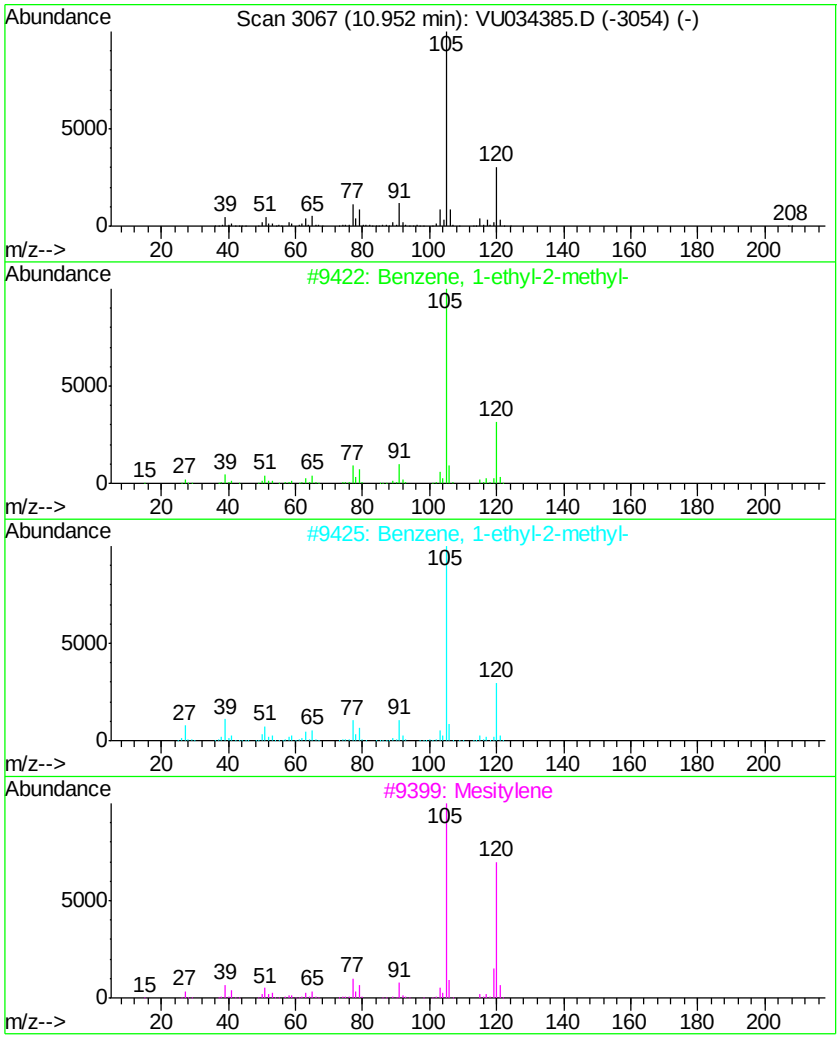
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

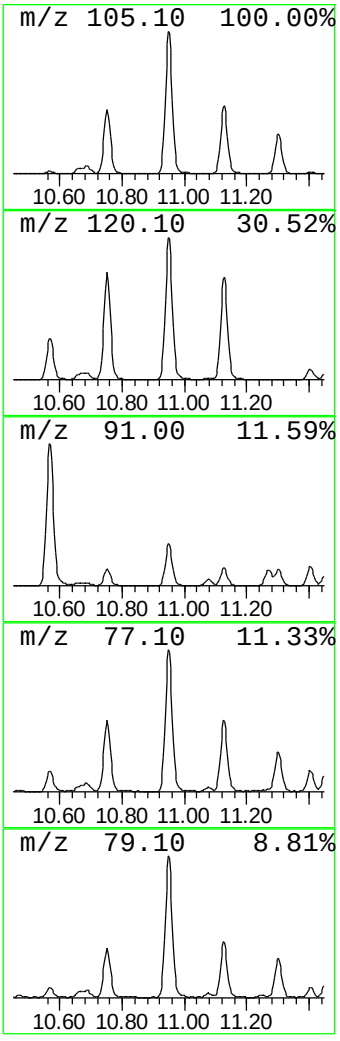
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	4.72 ug/L	993416	1,4-Dichlorobenzene-d4	11.46

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-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : JC/SP
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

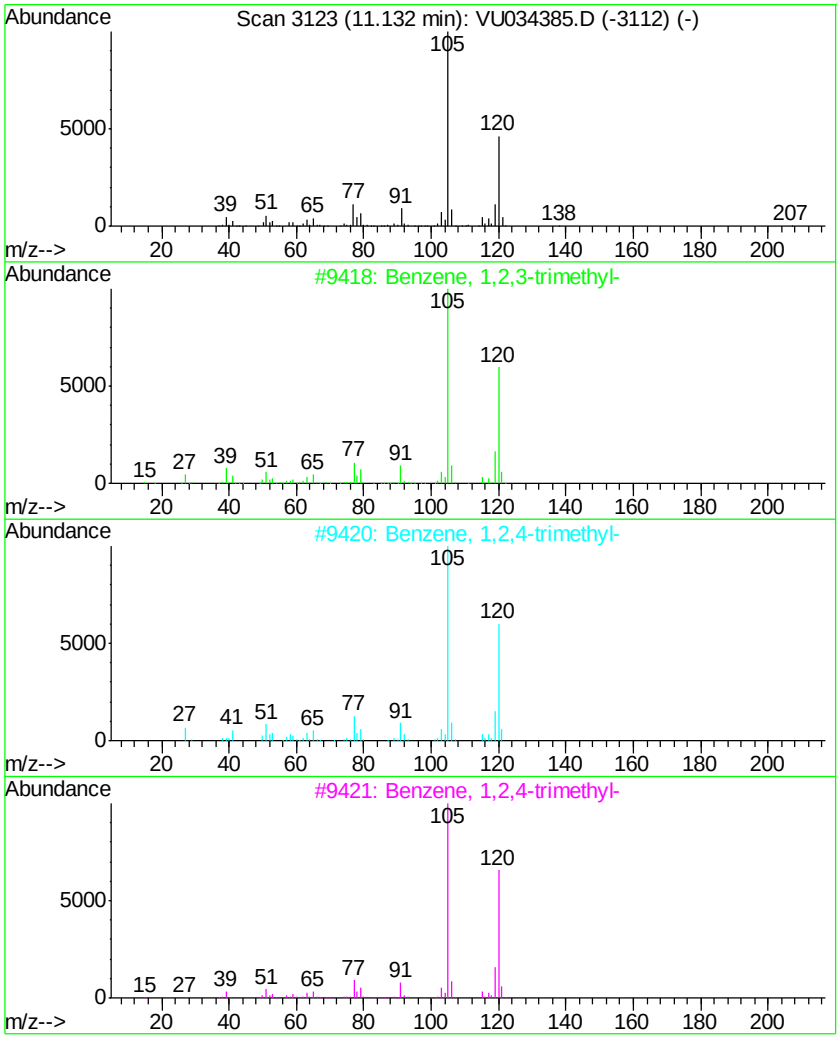
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

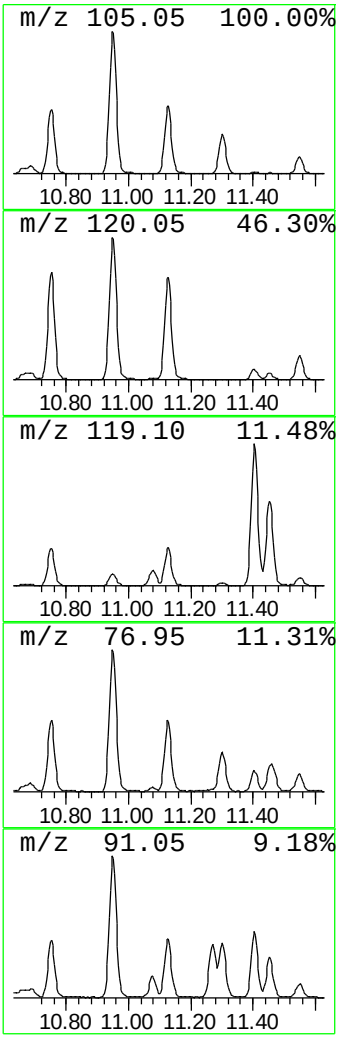
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.51 ug/L	527993	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

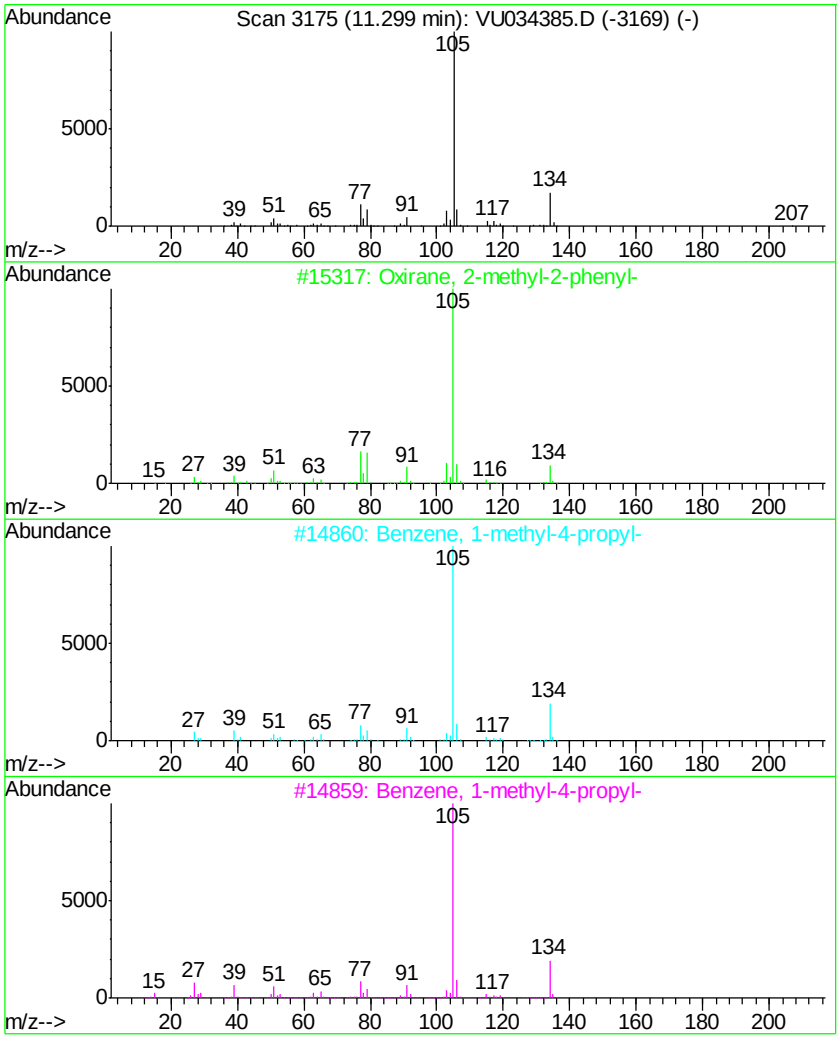
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

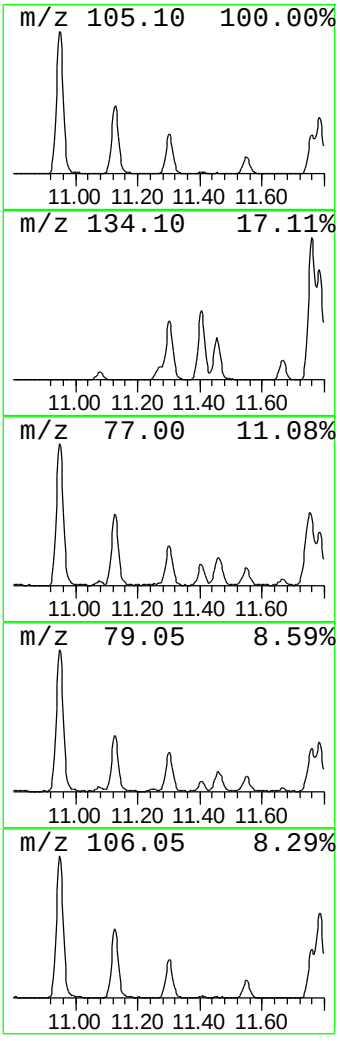
****

Peak Number 6 Oxirane, 2-methyl-2-phenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	1.18 ug/L	248328	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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Operator : JC/SP
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

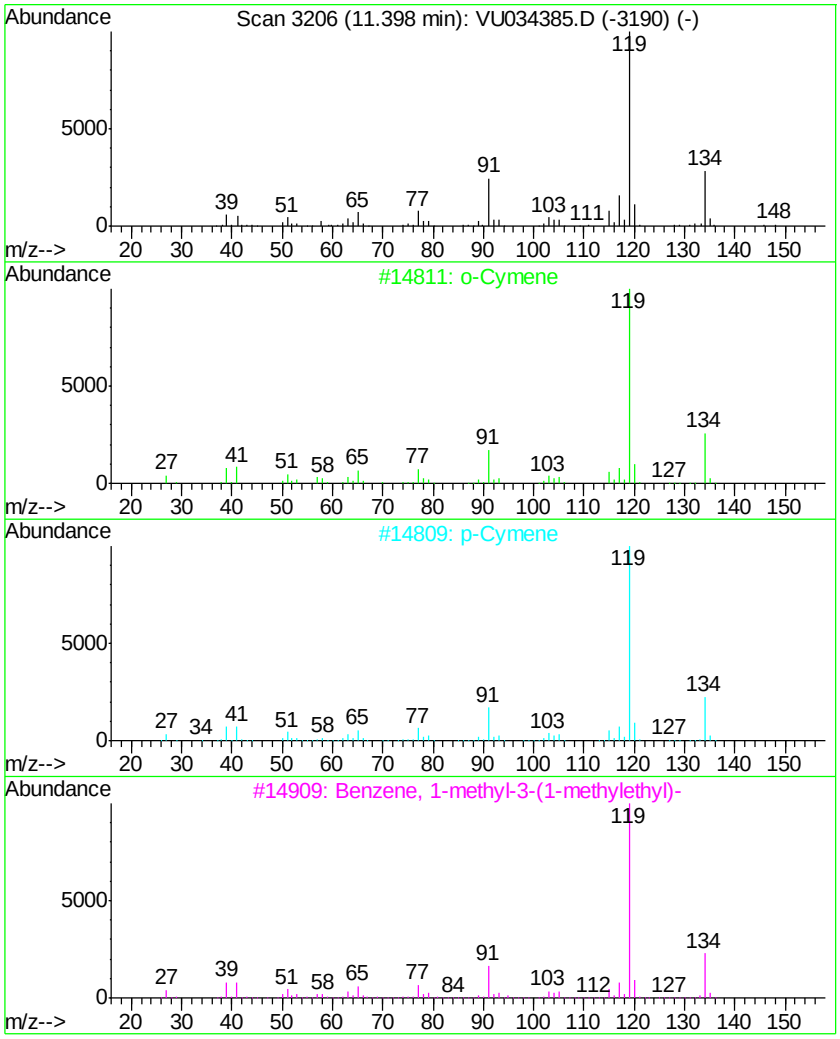
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

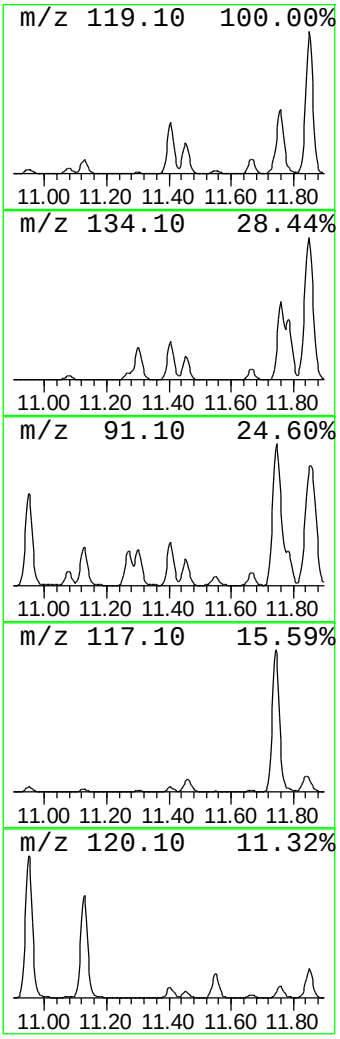
****

Peak Number 7 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	1.17 ug/L	246213	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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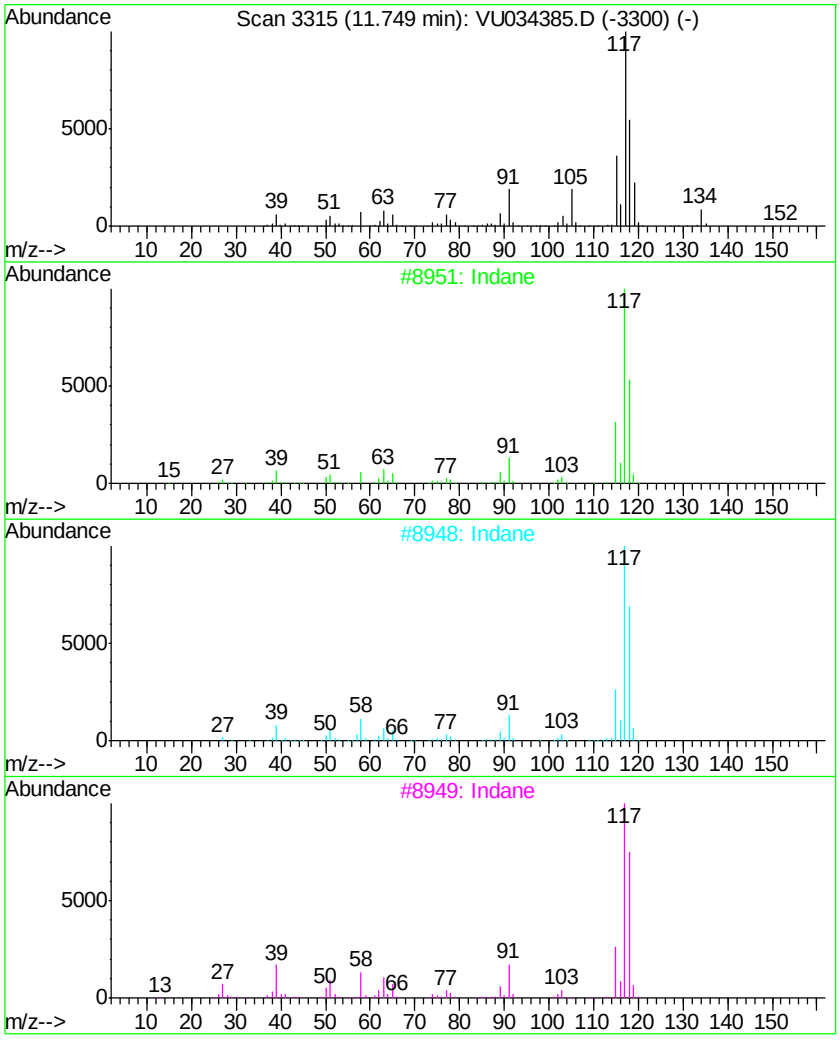
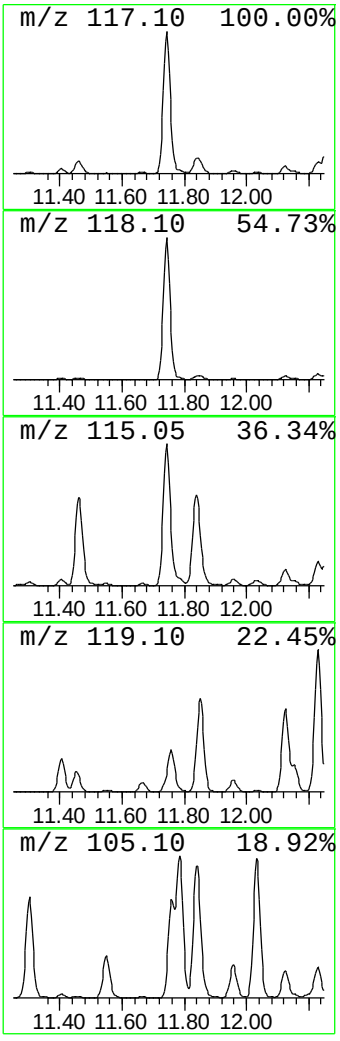
Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.95 ug/L	1674650	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

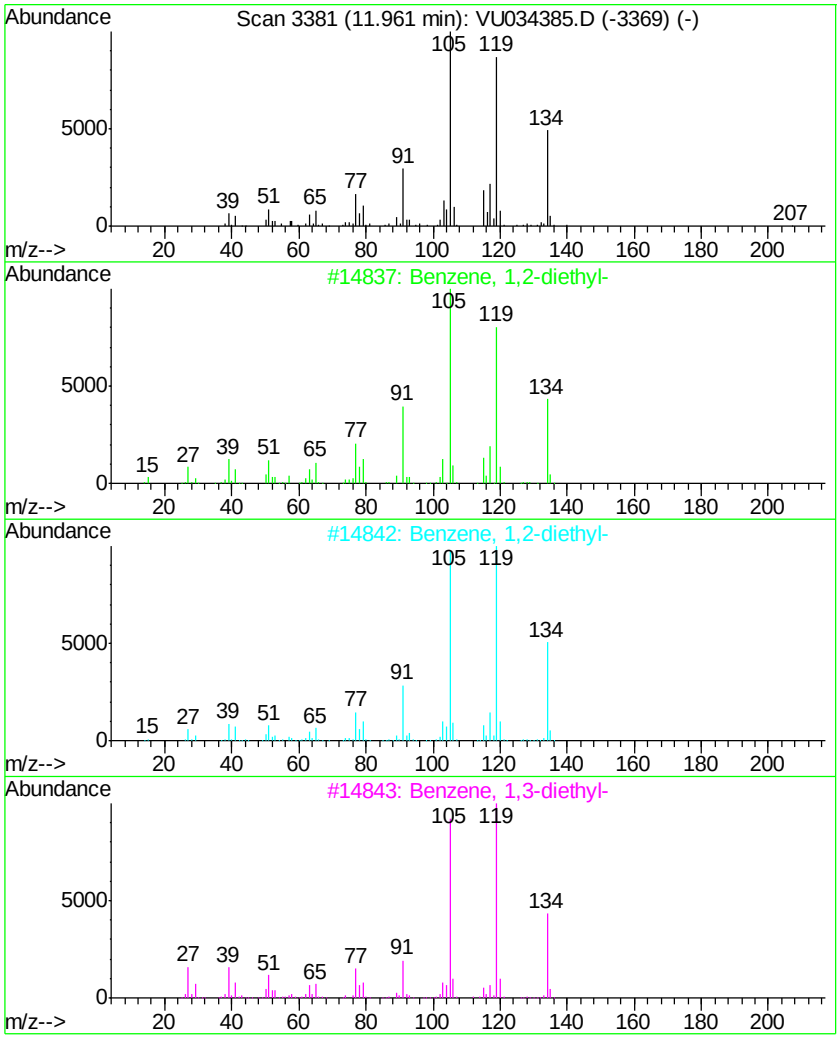
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

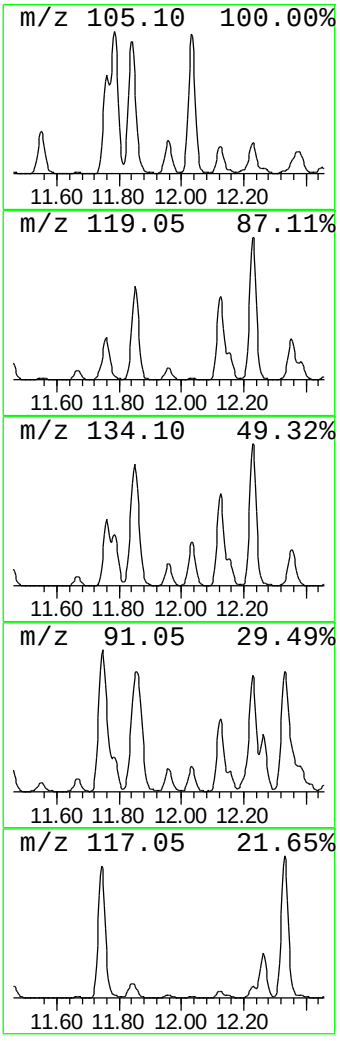
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	0.82 ug/L	172445	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

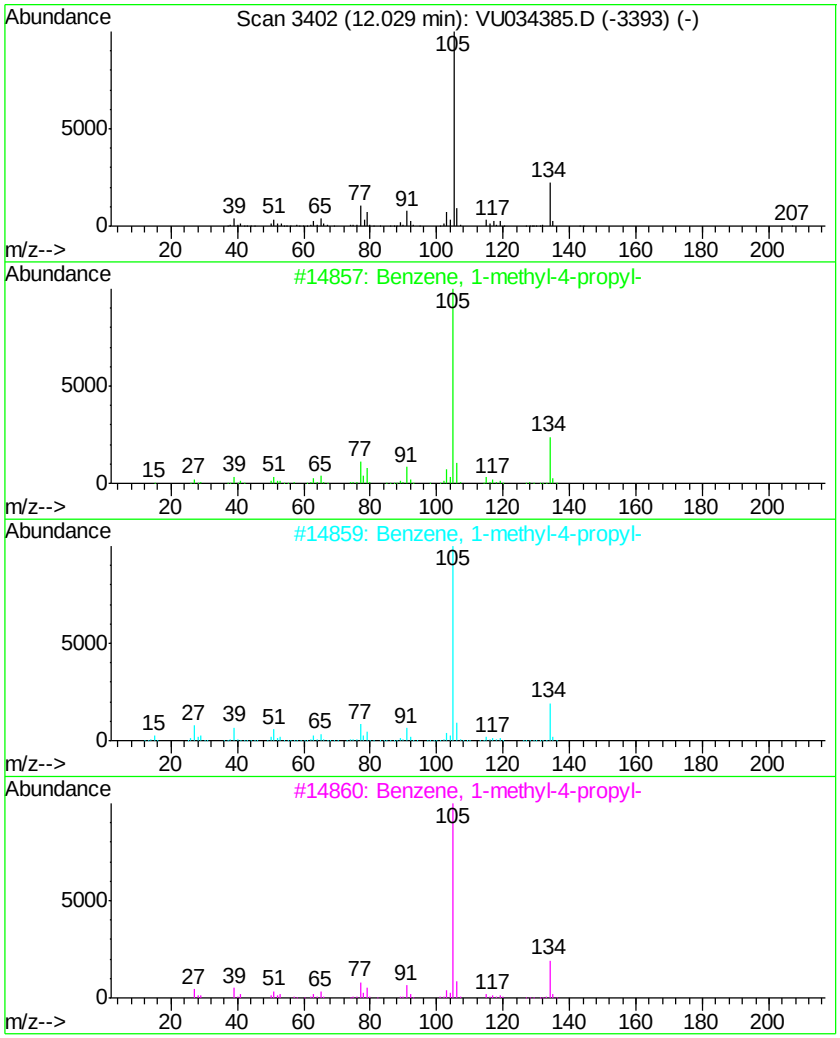
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

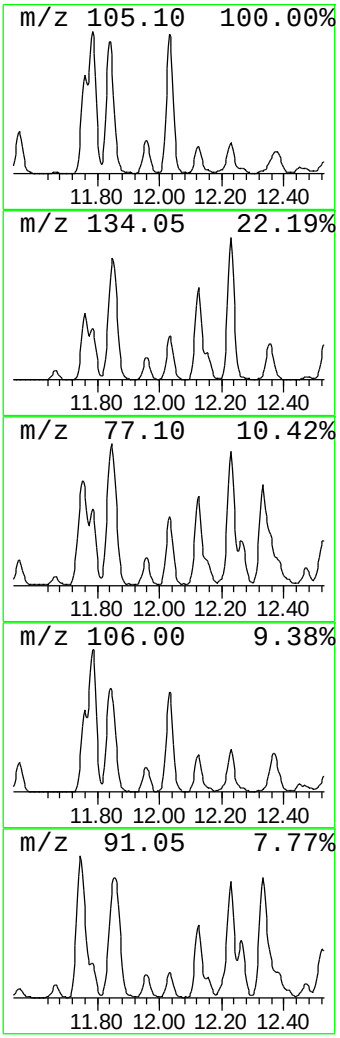
****

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	1.56 ug/L	328261	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

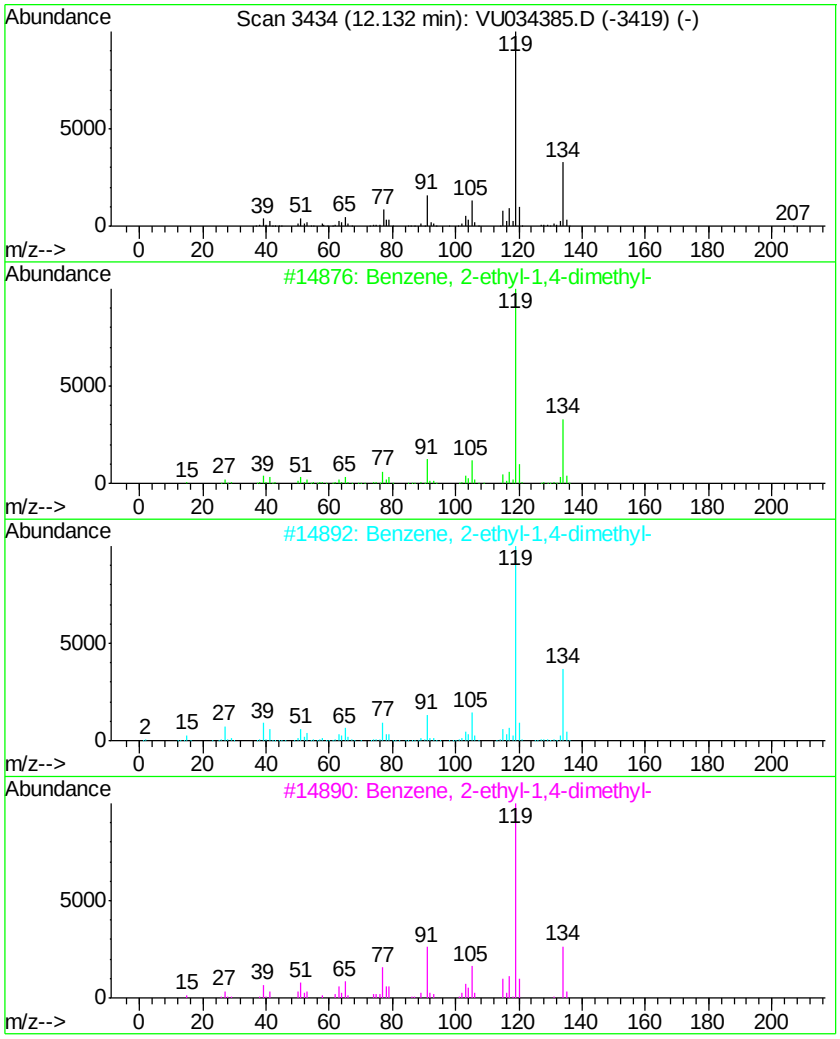
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

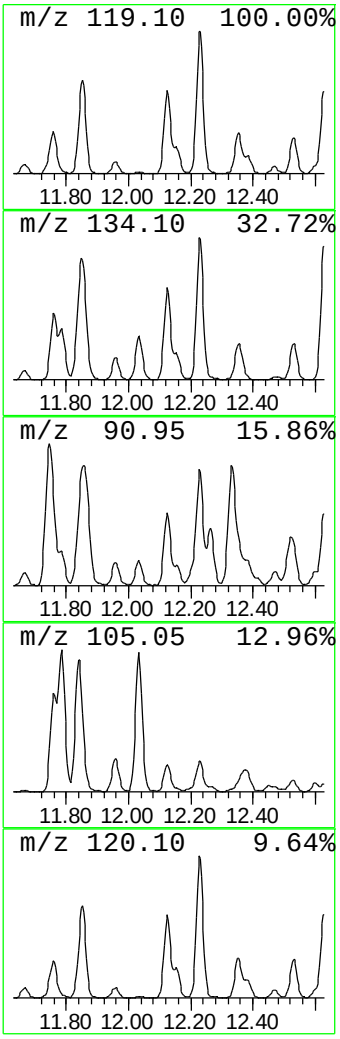
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.91 ug/L	613756	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

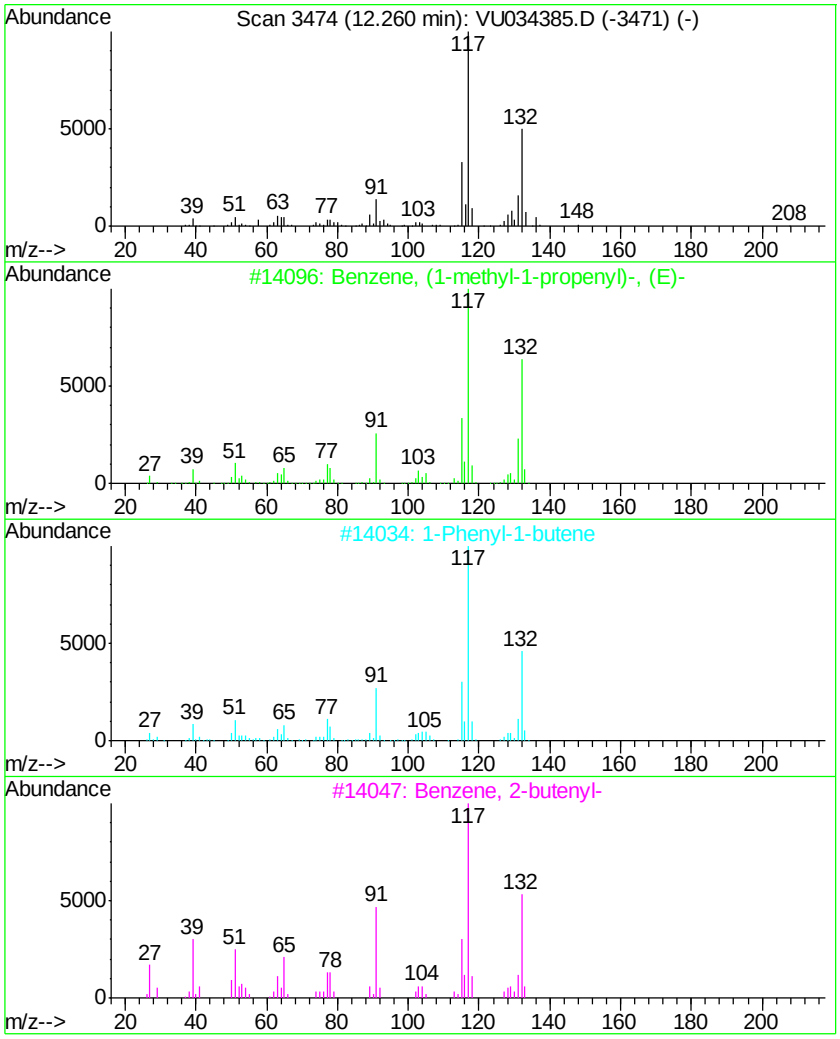
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

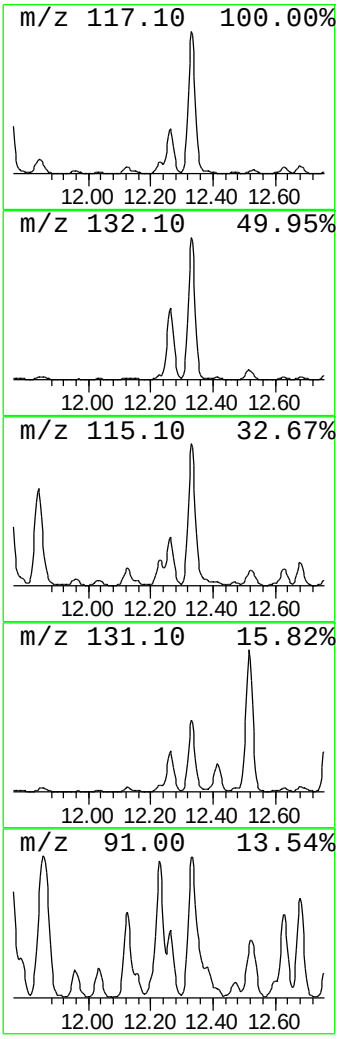
****

Peak Number 14 Benzene, (1-methyl-1-propen... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.14 ug/L	449992	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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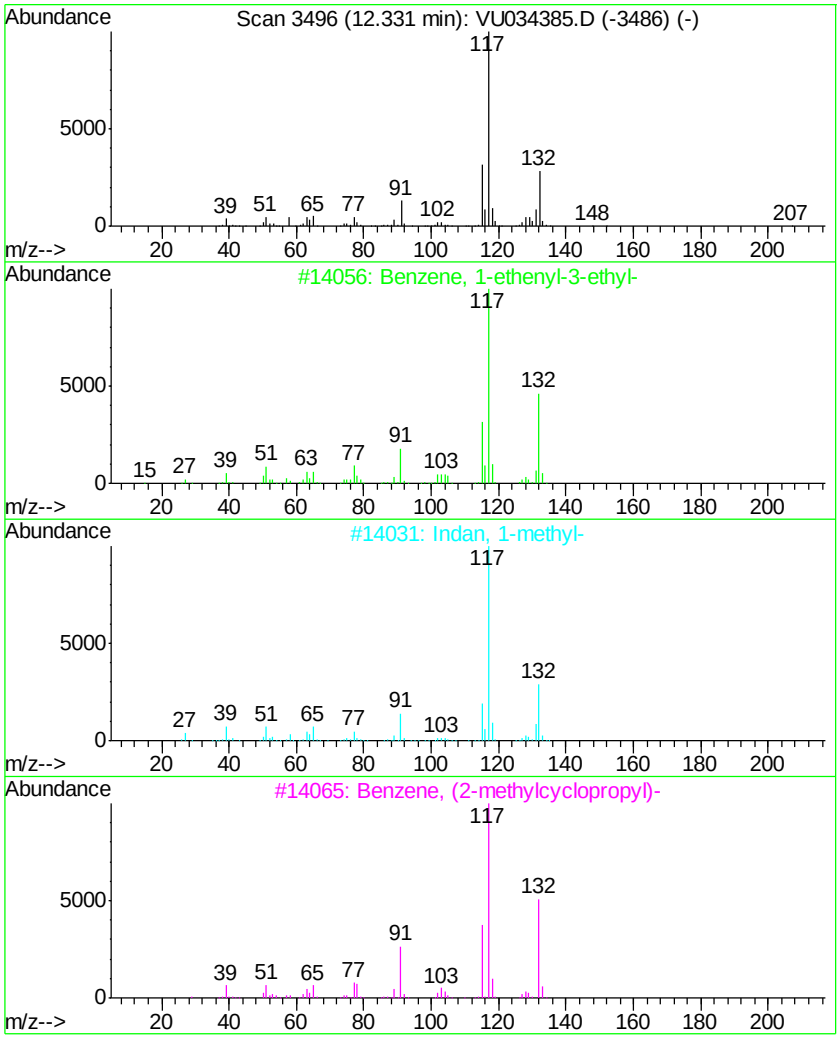
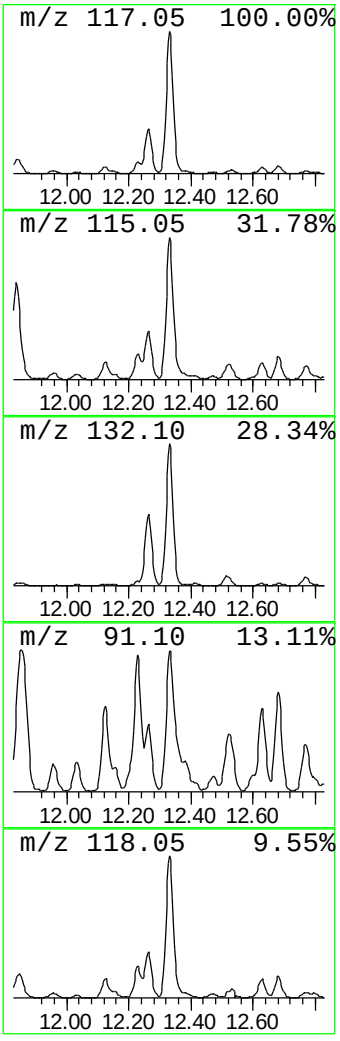
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	7.98 ug/L	1681160	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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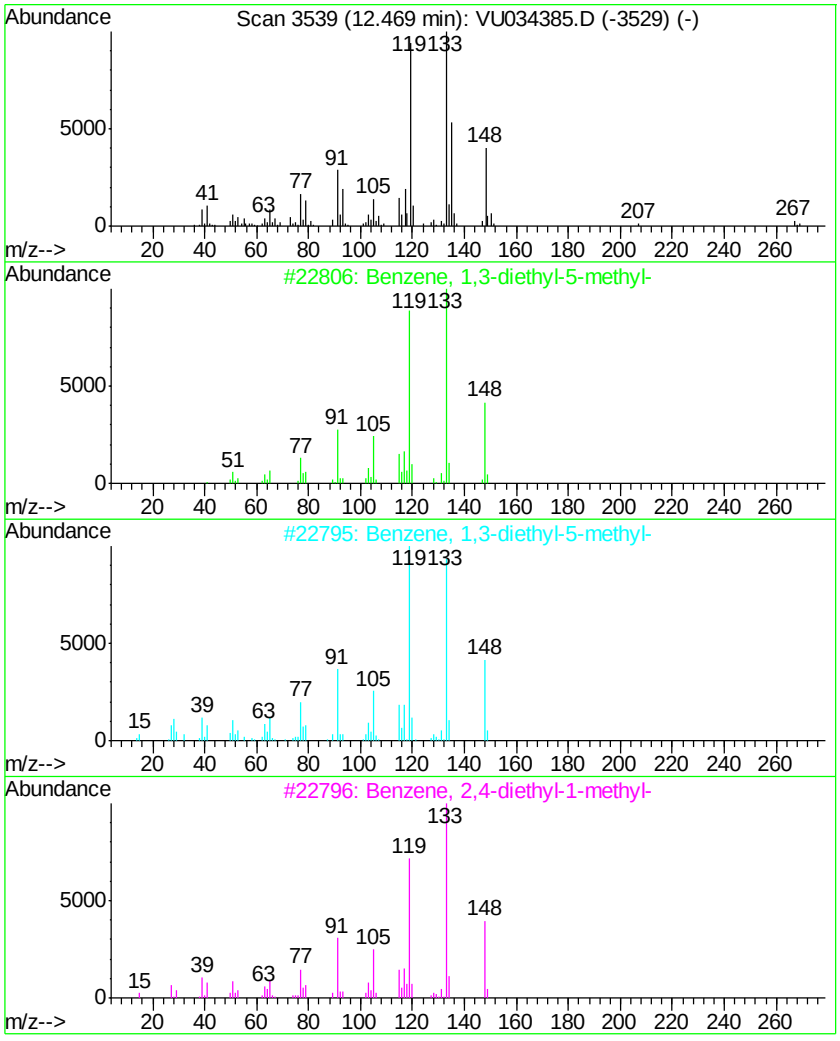
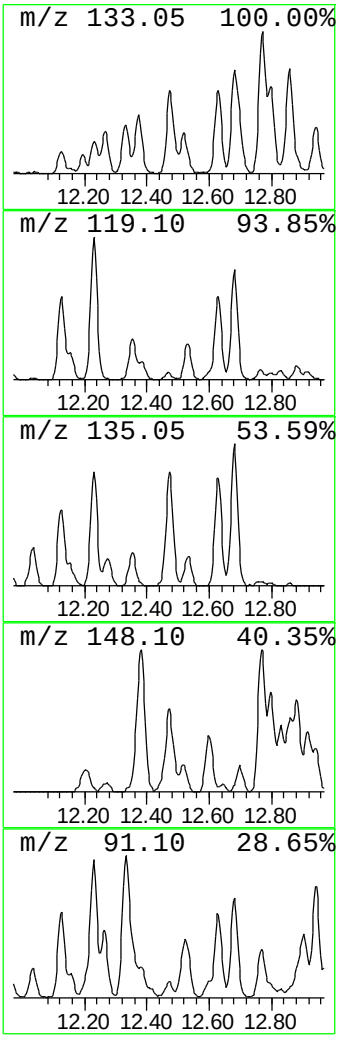
Peak Number 16 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	0.60 ug/L	127047	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	74
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	58
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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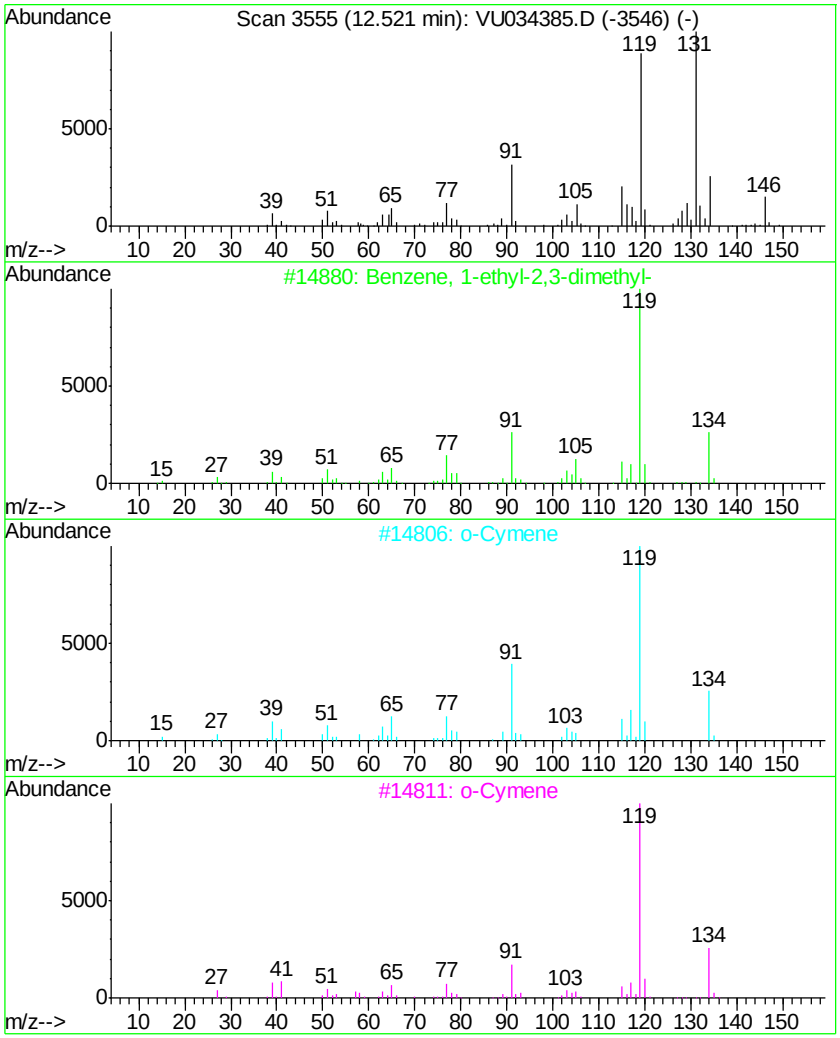
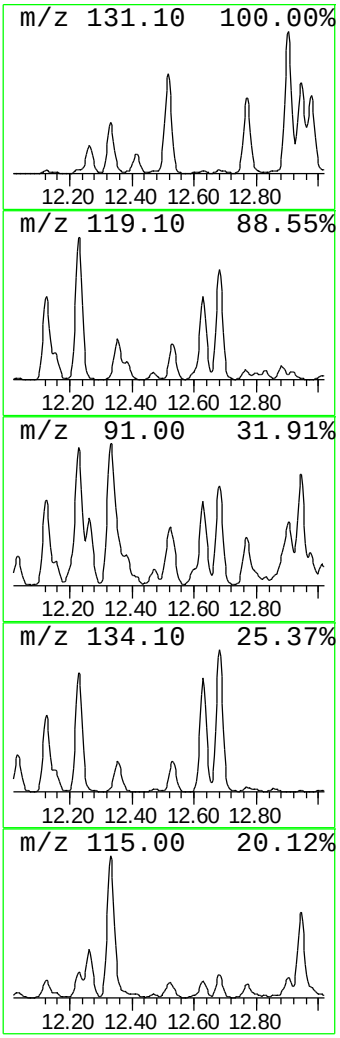
Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.24 ug/L	472750	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	o-Cymene	134	C10H14	000527-84-4	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	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\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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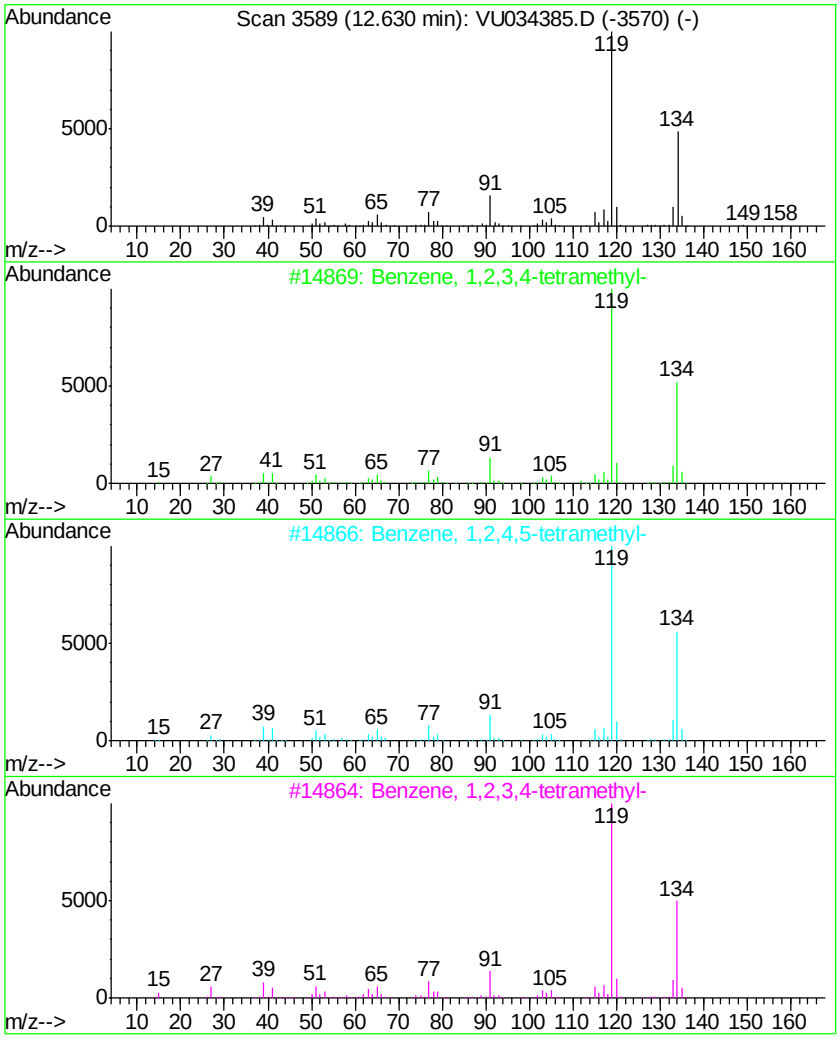
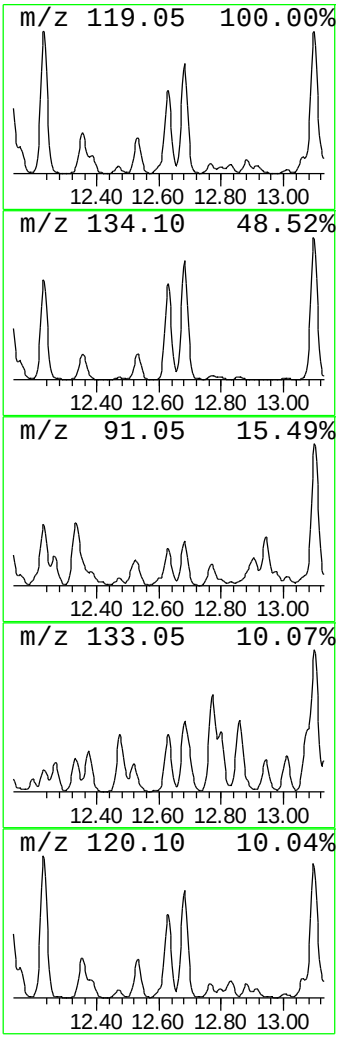
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.26 ug/L	685931	1,4-Dichlorobenzene-d4	11.46

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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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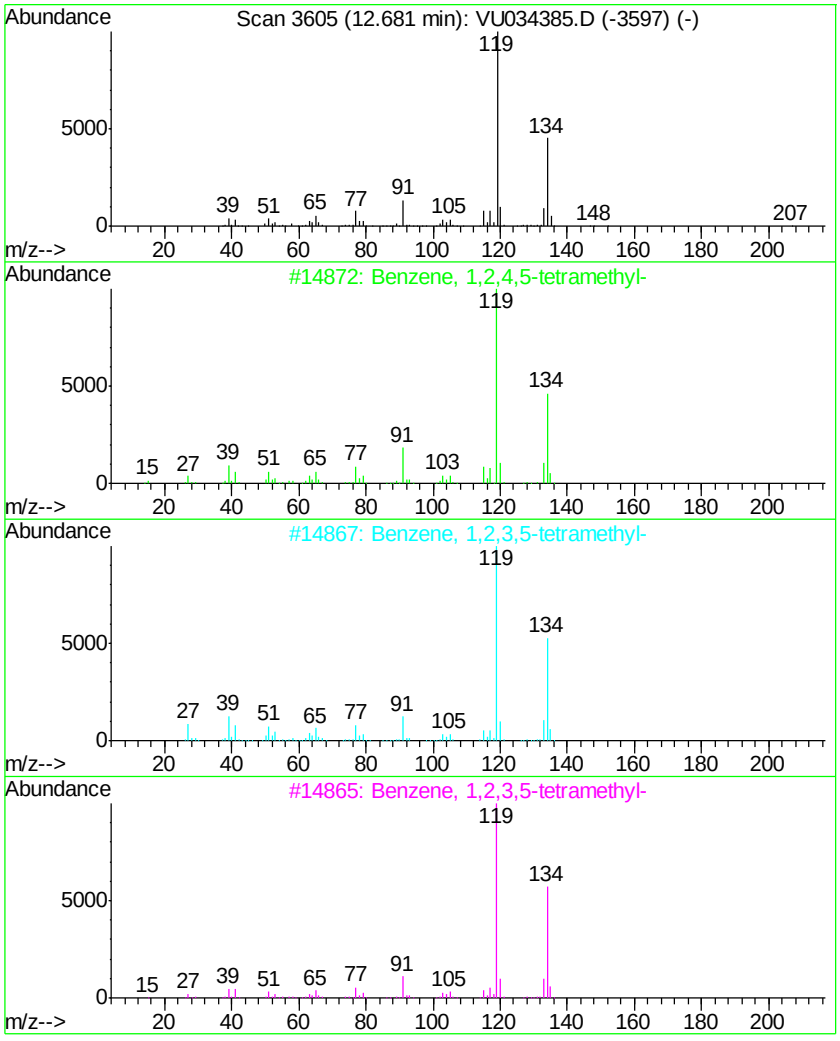
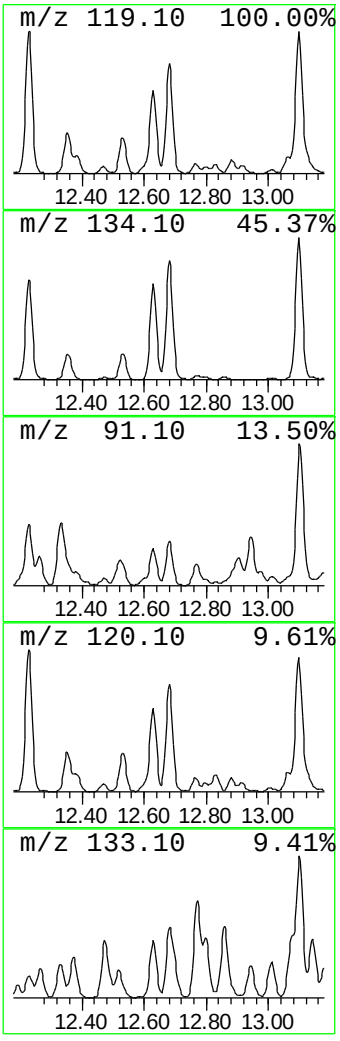
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.72 ug/L	784351	1,4-Dichlorobenzene-d4	11.46

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





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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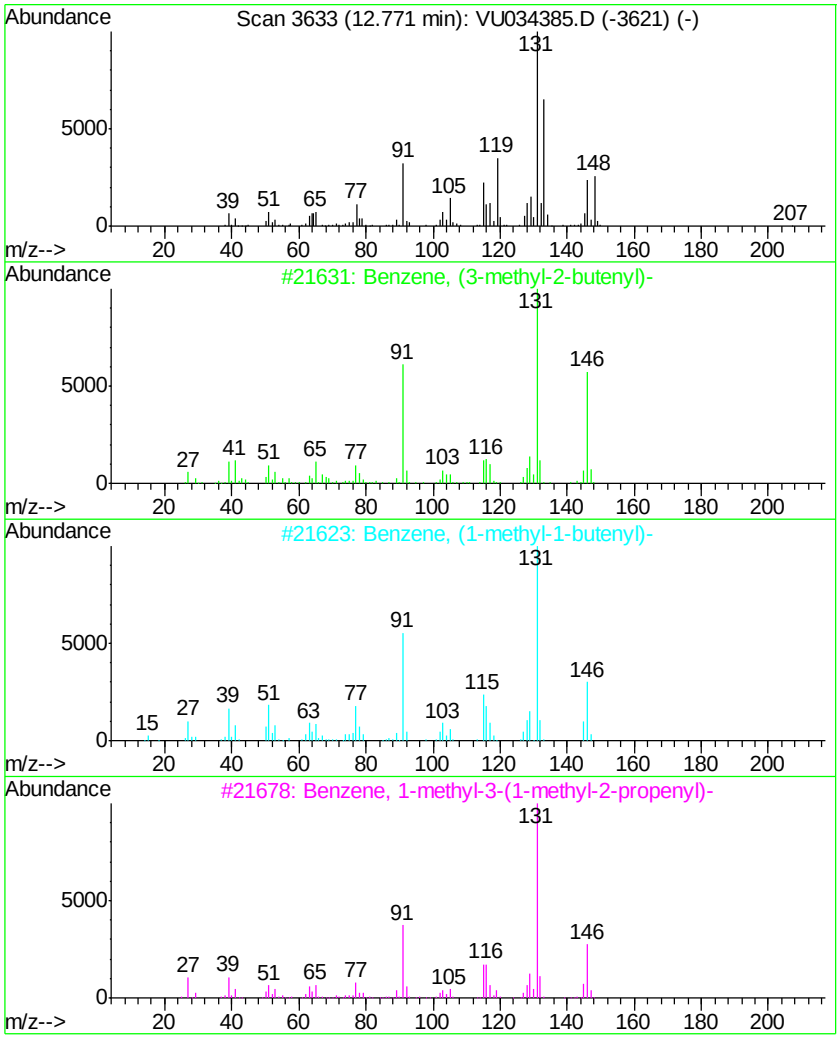
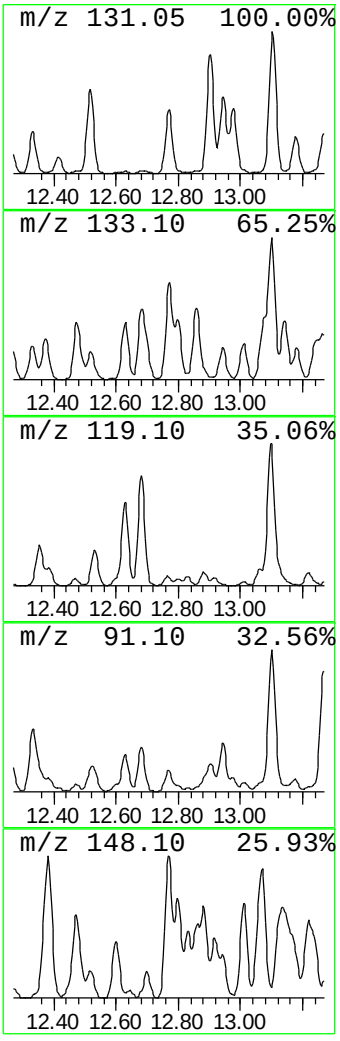
Peak Number 20 Benzene, (3-methyl-2-butenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	1.66 ug/L	348924	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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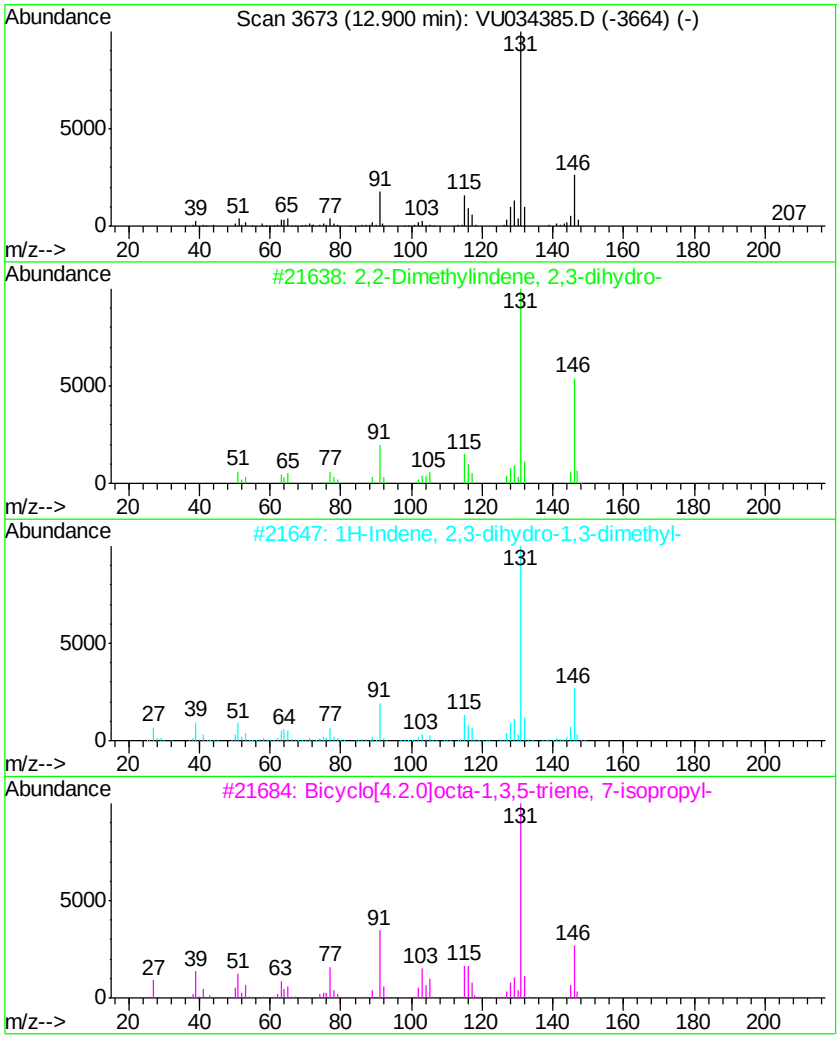
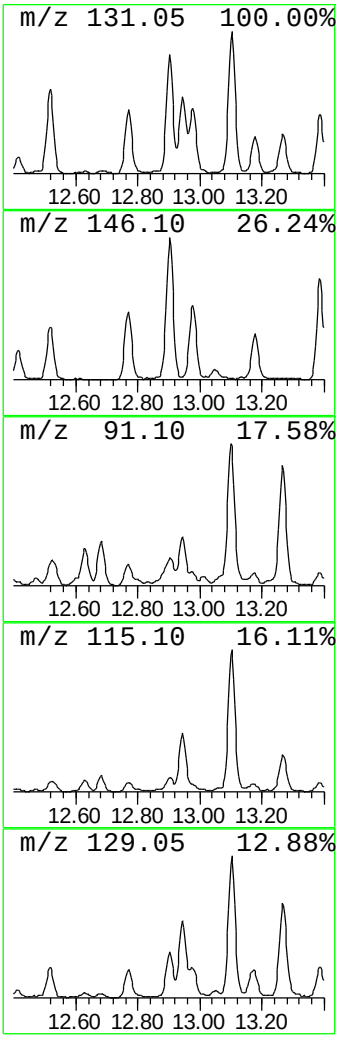
Peak Number 21 2,2-Dimethylindene, 2,3-dih... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	1.33 ug/L	279228	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

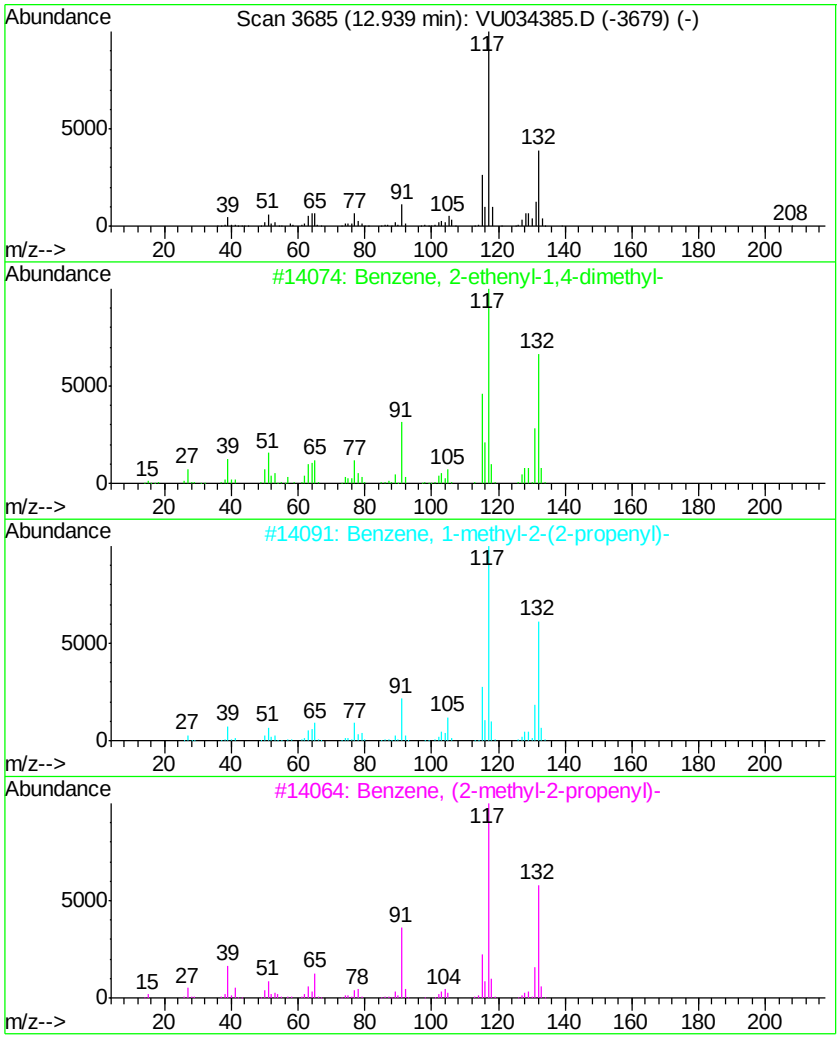
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

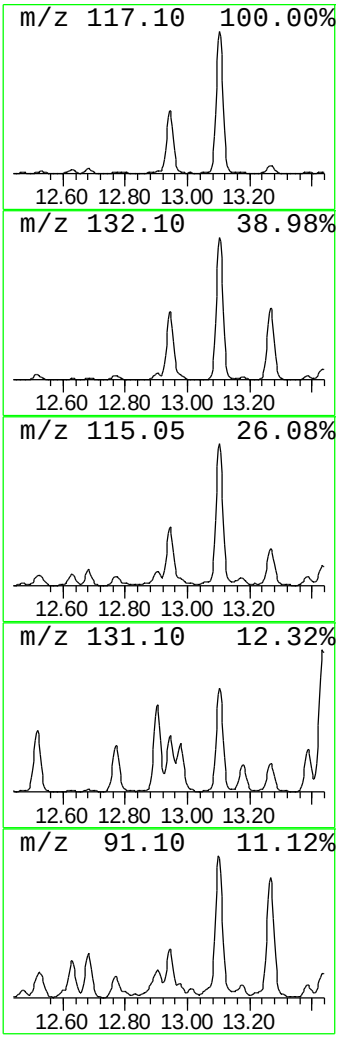
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.66 ug/L	771598	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

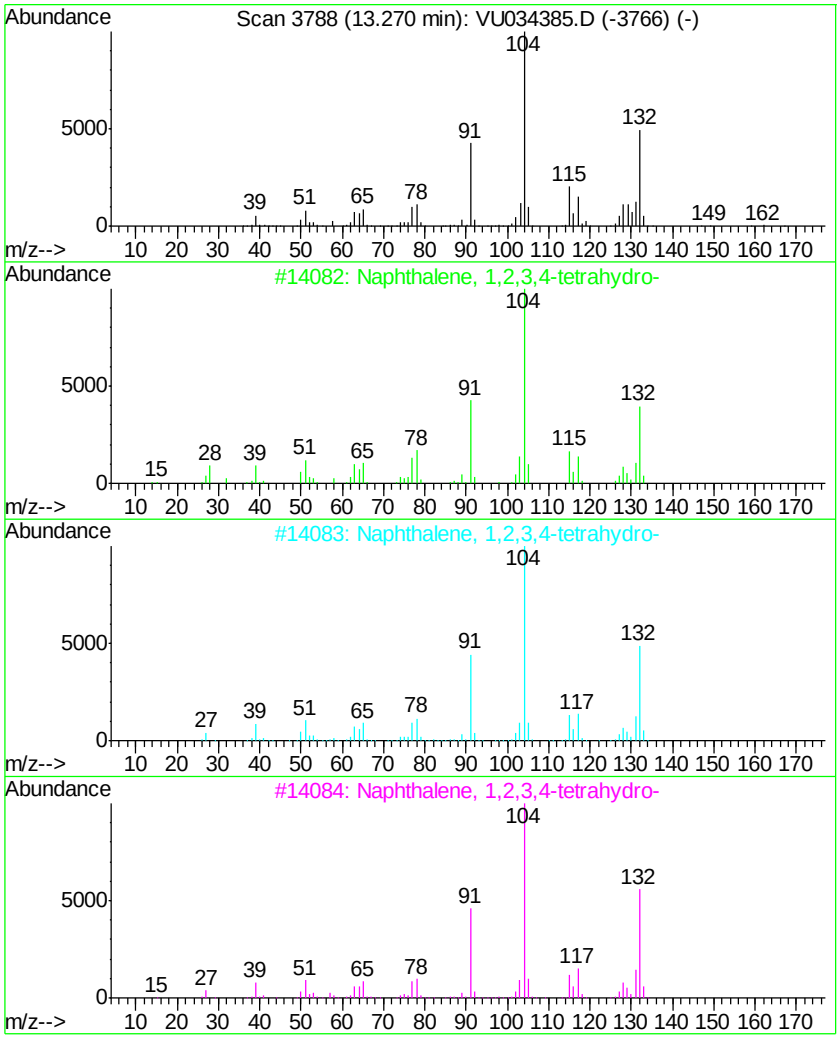
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

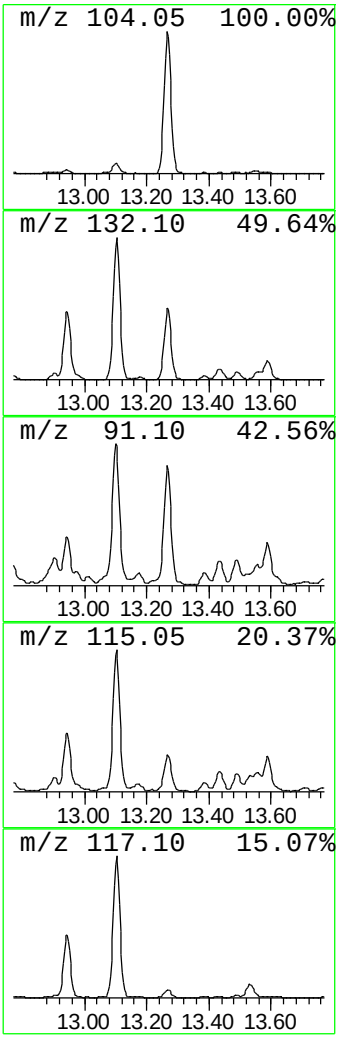
****

Peak Number 25 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.22 ug/L	1310090	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	59





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

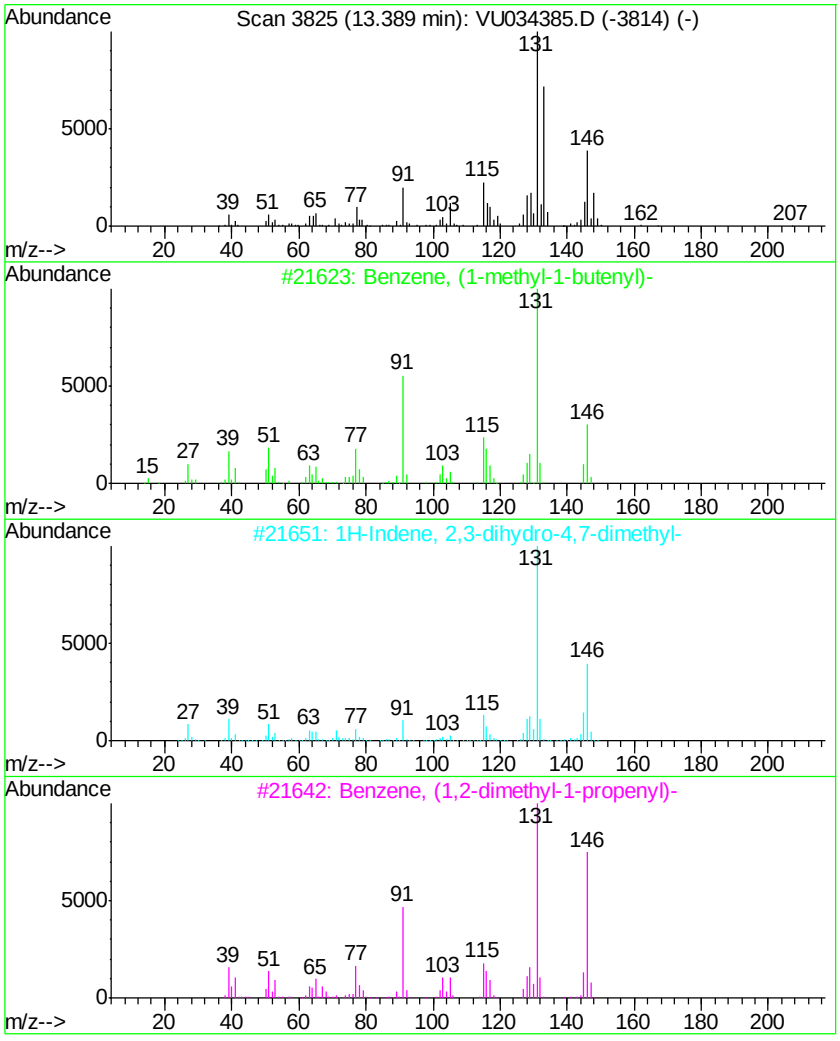
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

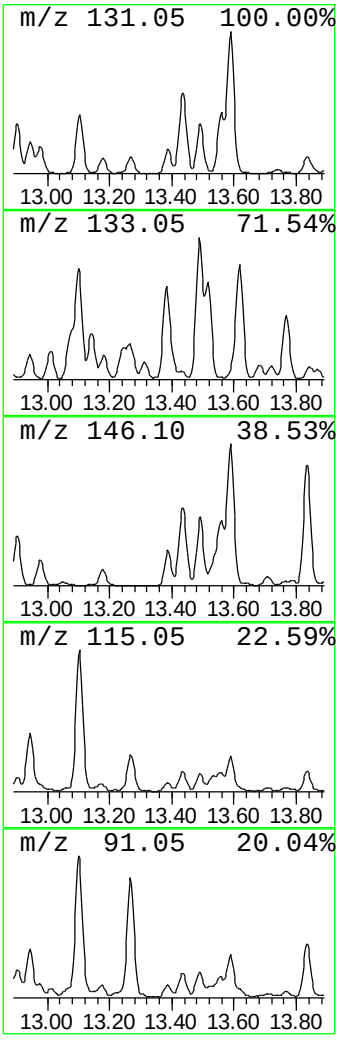
****

Peak Number 26 Benzene, (1-methyl-1-butenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	1.39 ug/L	293193	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	78
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	60
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

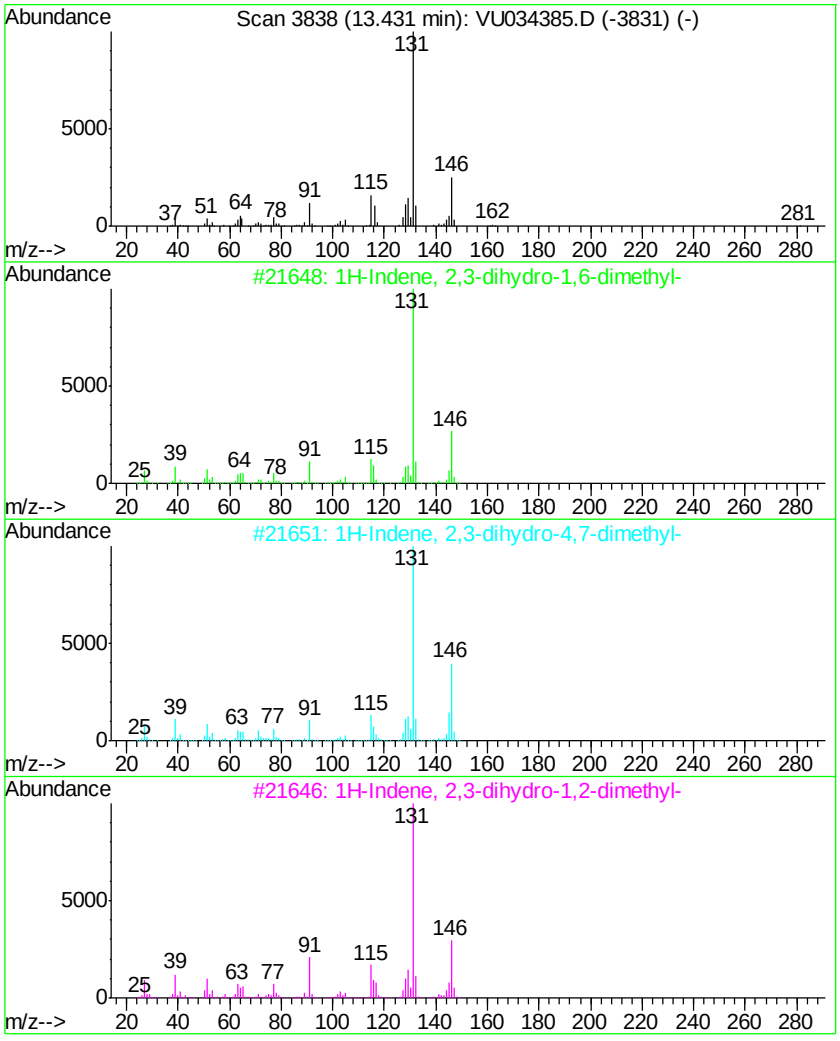
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

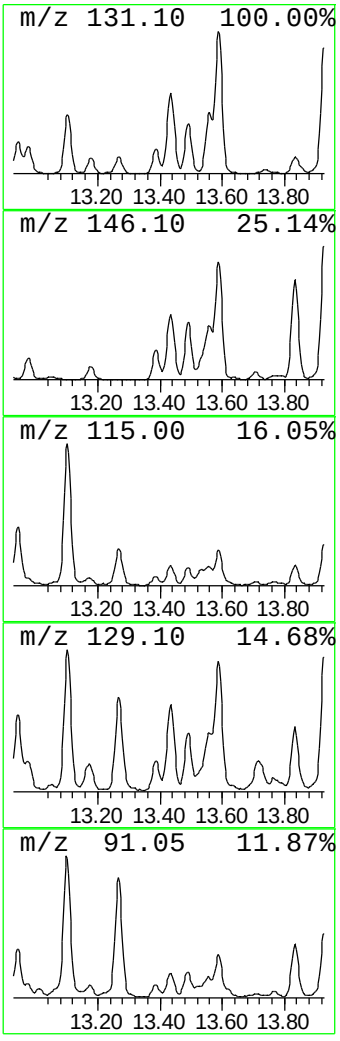
****

Peak Number 27 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.07 ug/L	436942	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

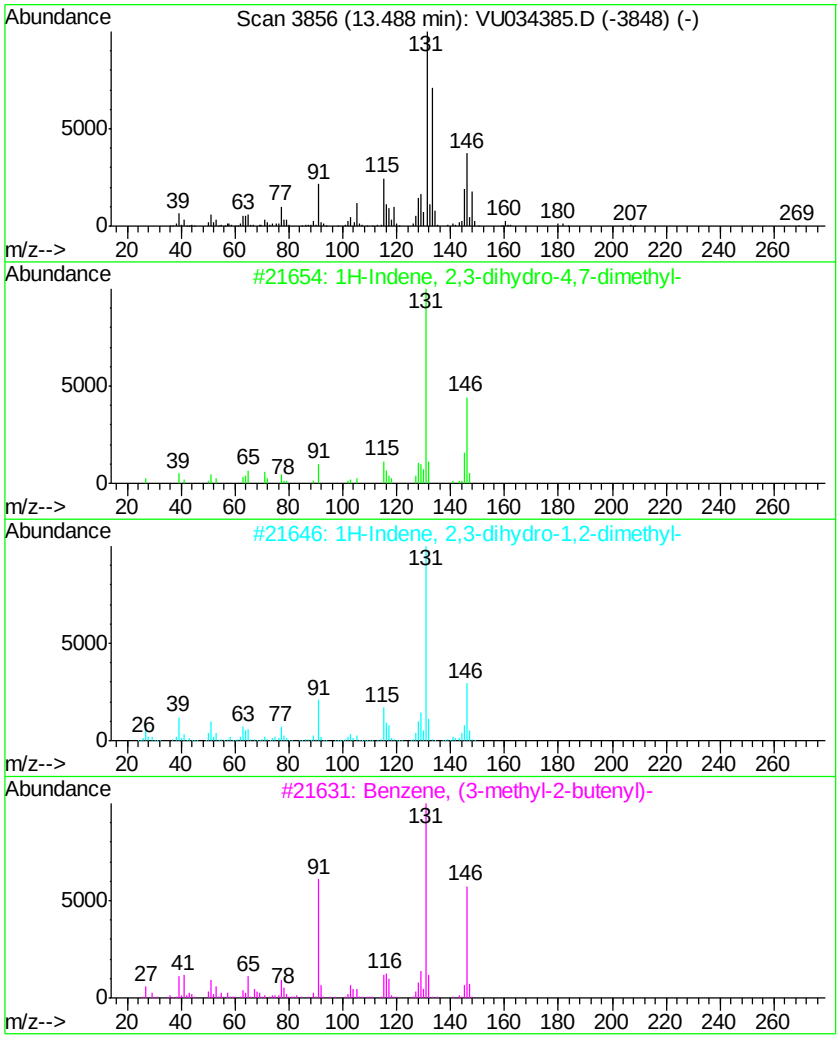
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

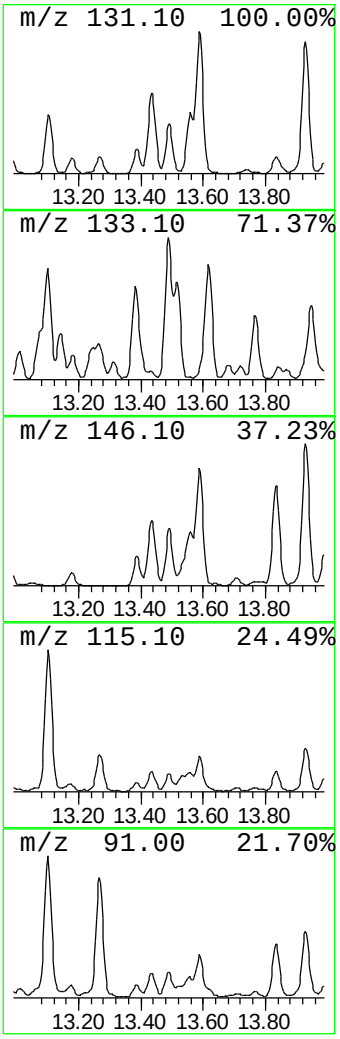
****

Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.34 ug/L	493675	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

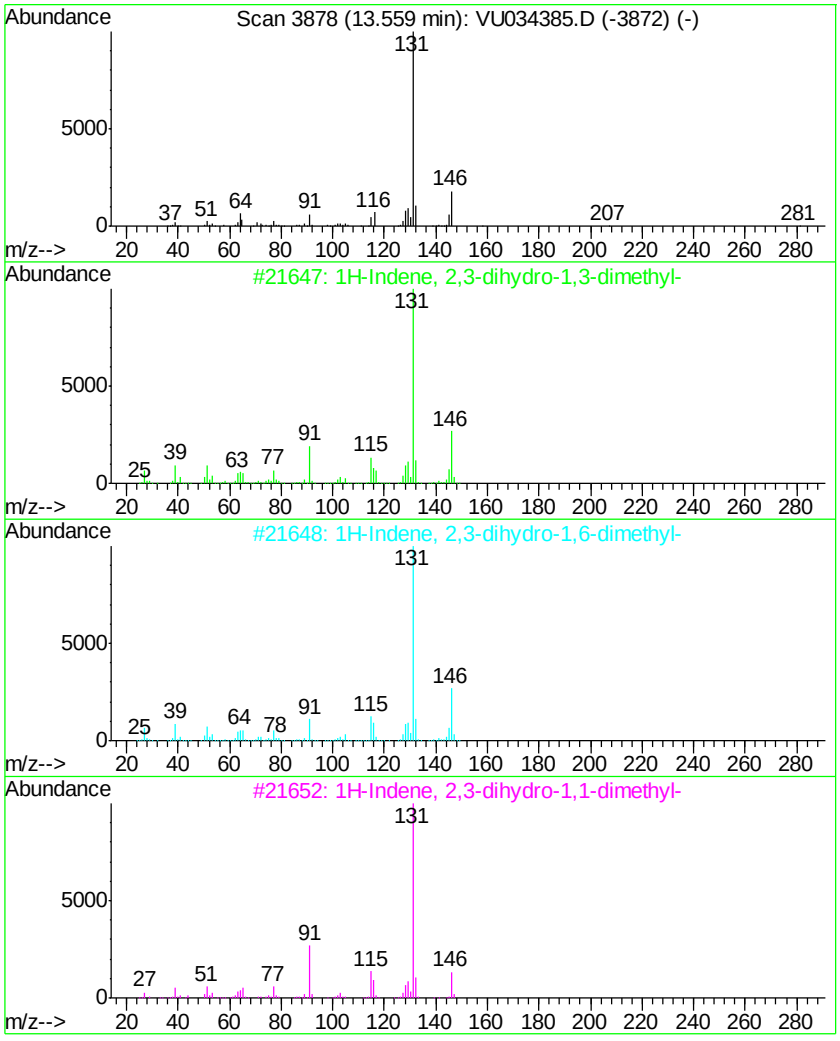
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

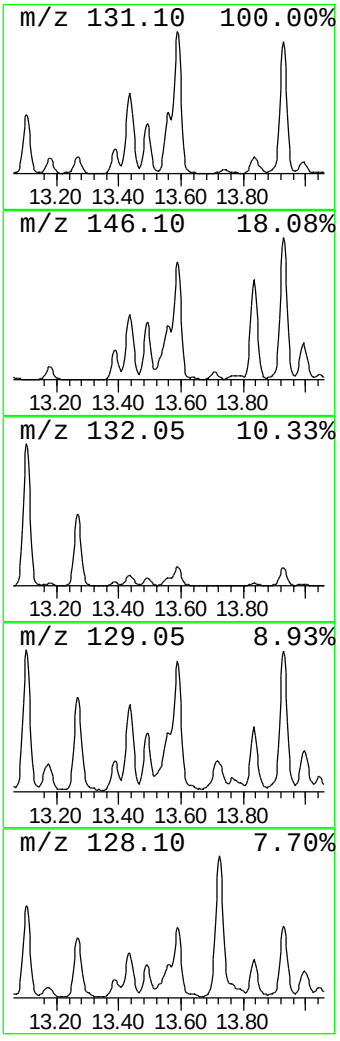
****

Peak Number 29 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	0.64 ug/L	134642	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87





Library Search Compound Report

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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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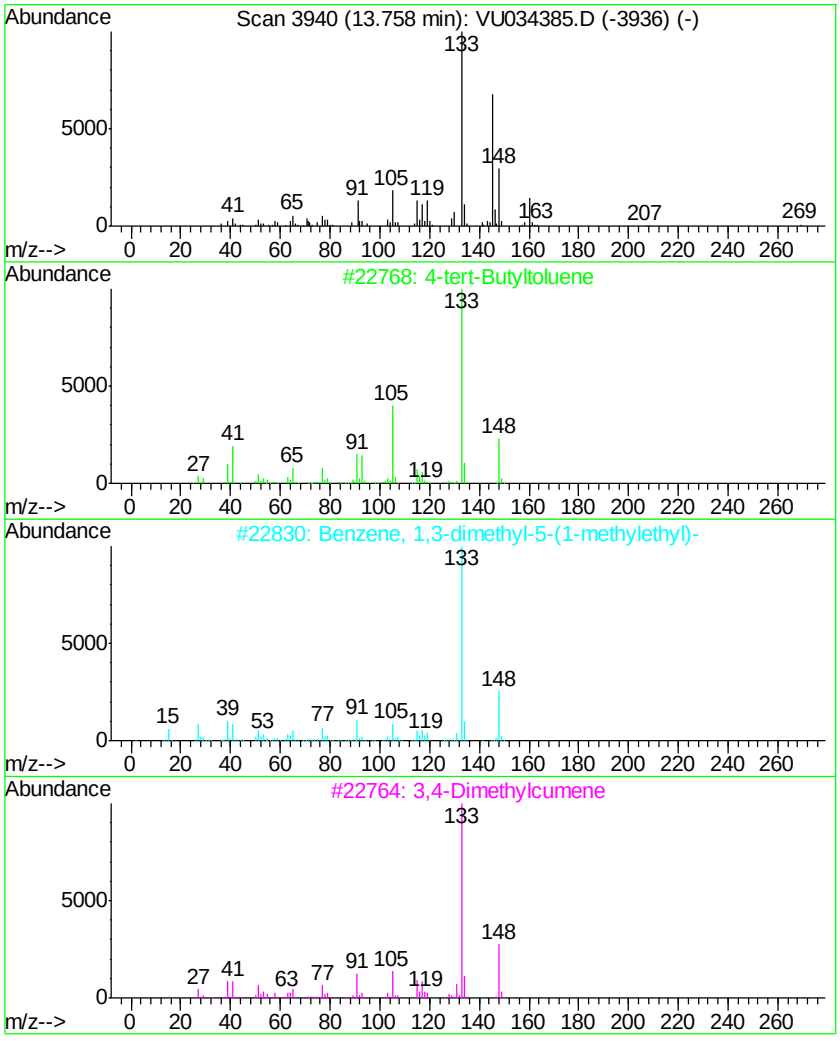
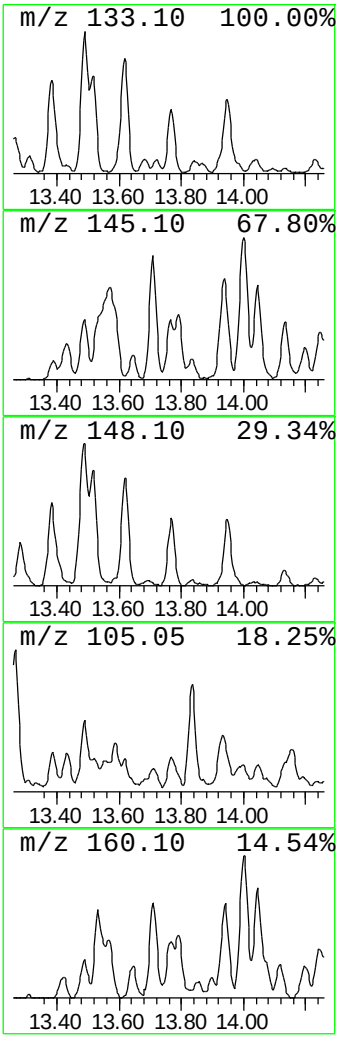
Peak Number 32 4-tert-Butyltoluene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	0.61 ug/L	128457	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyltoluene	148	C11H16	000098-51-1	60
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	53
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	53
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52





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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

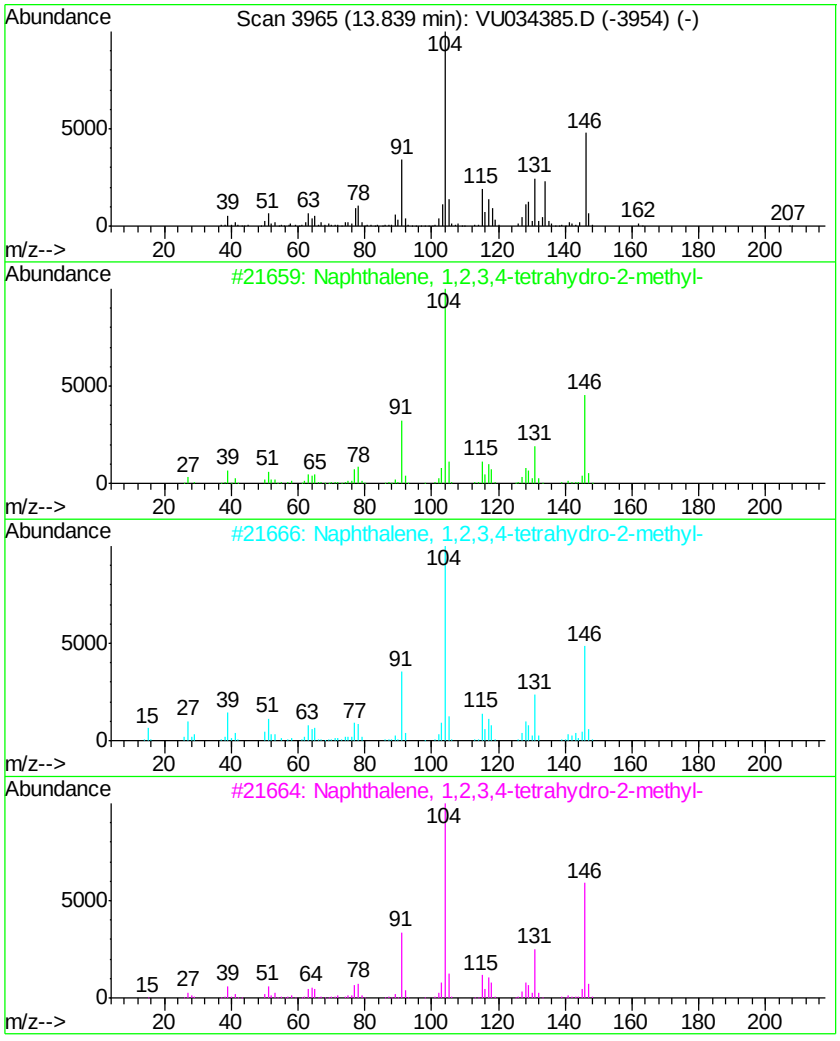
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

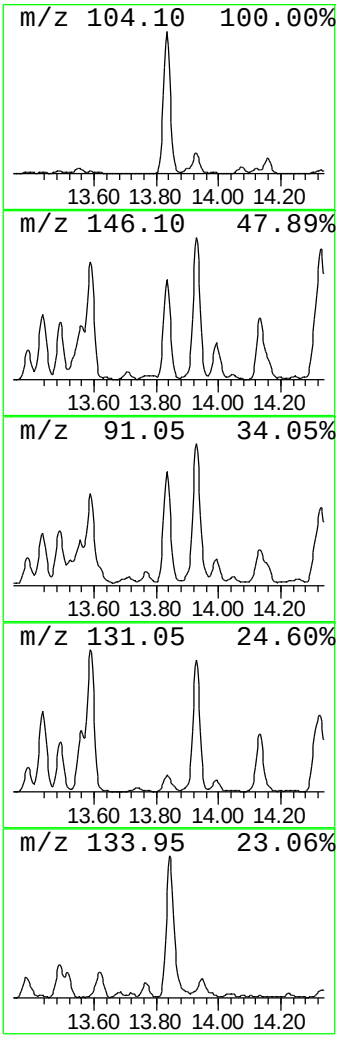
****

Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.21 ug/L	676167	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70





Library Search Compound Report

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Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

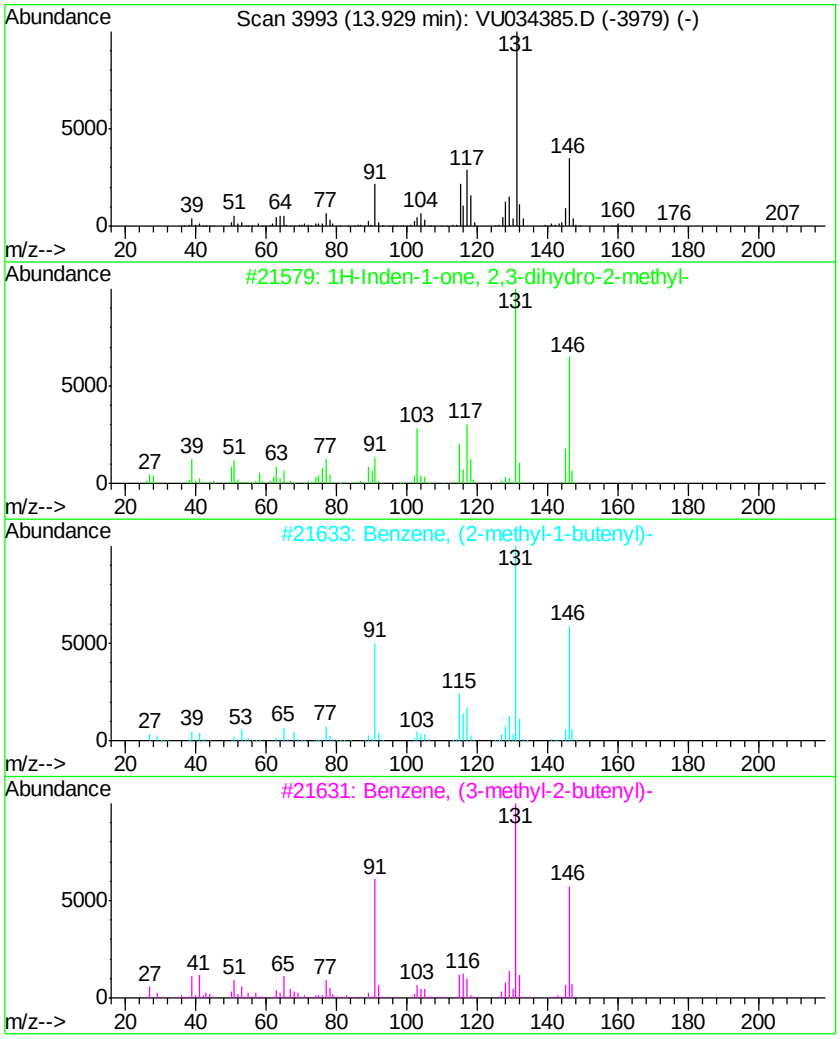
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

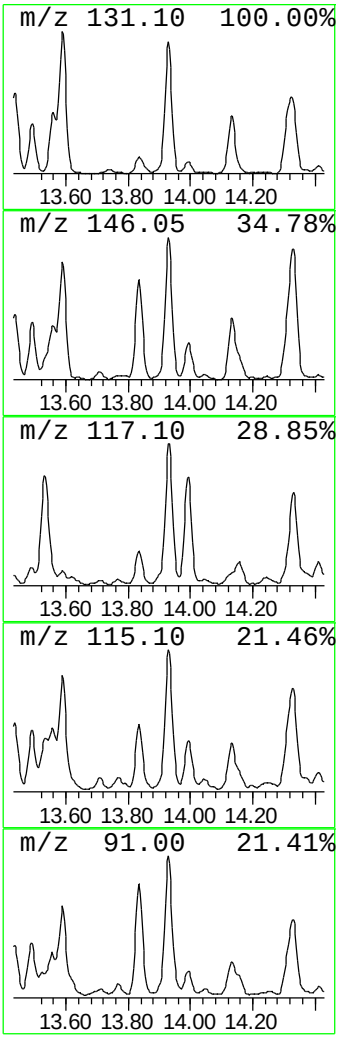
****

Peak Number 34 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.73 ug/L	1206100	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	93
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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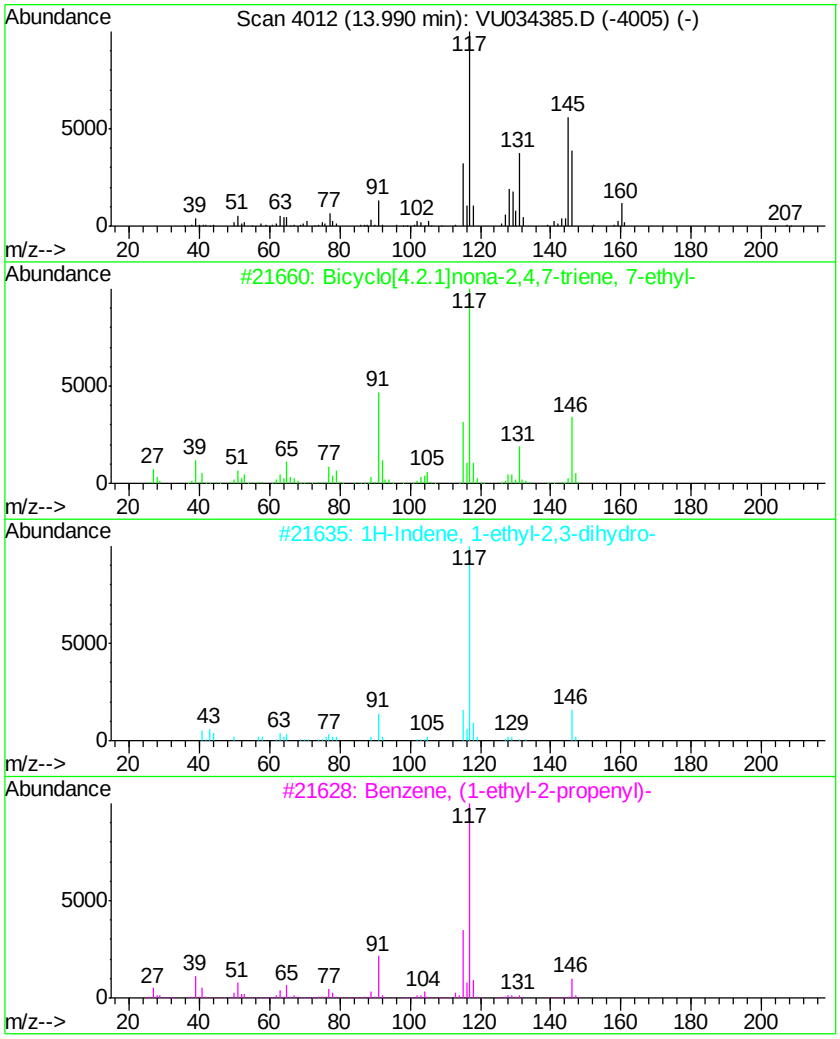
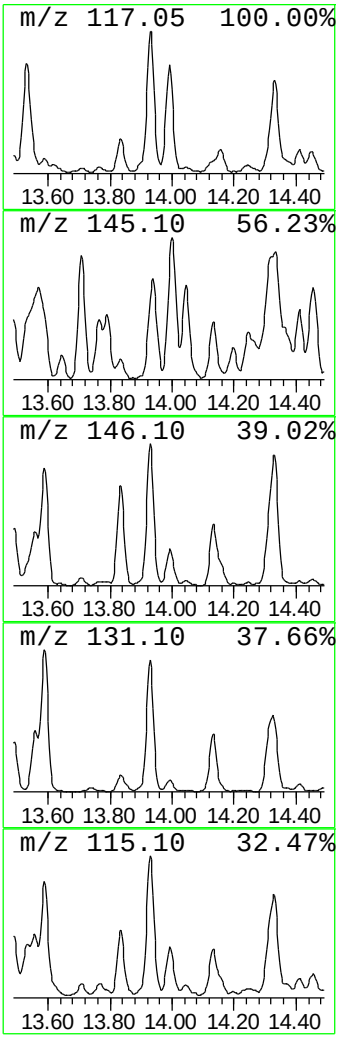
Peak Number 35 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	1.30 ug/L	273406	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	47
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	46
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	46
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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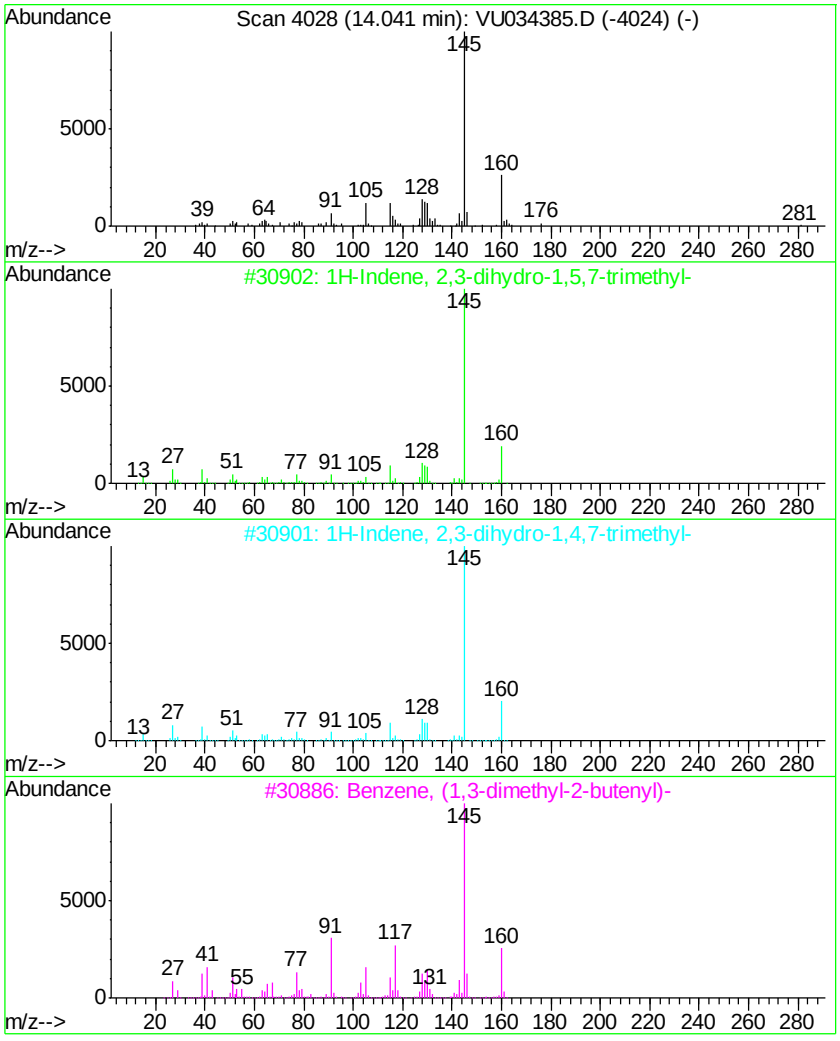
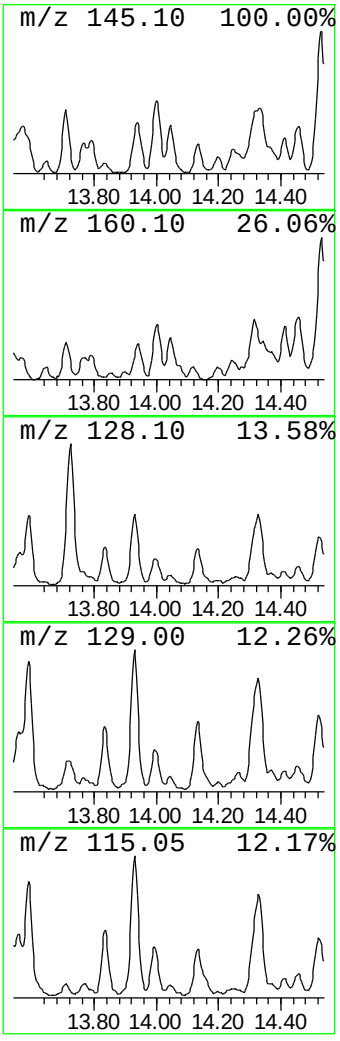
Peak Number 36 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	0.53 ug/L	111445	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	90
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	90
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	90
4	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	87
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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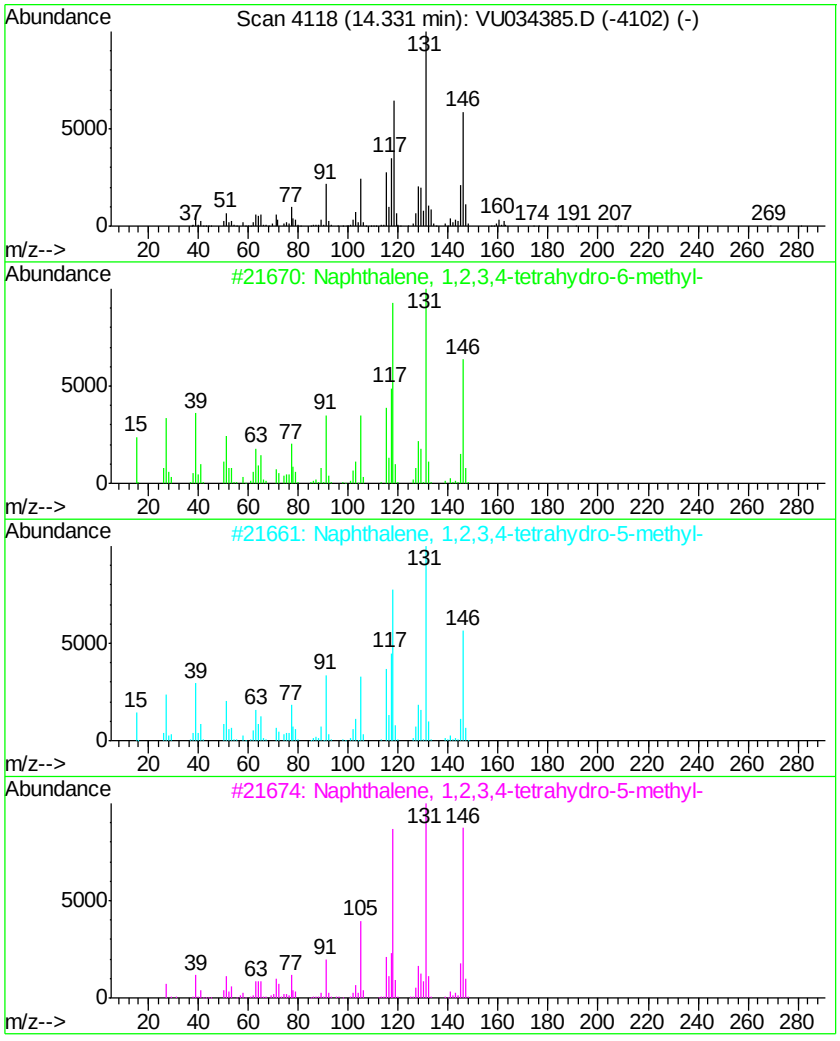
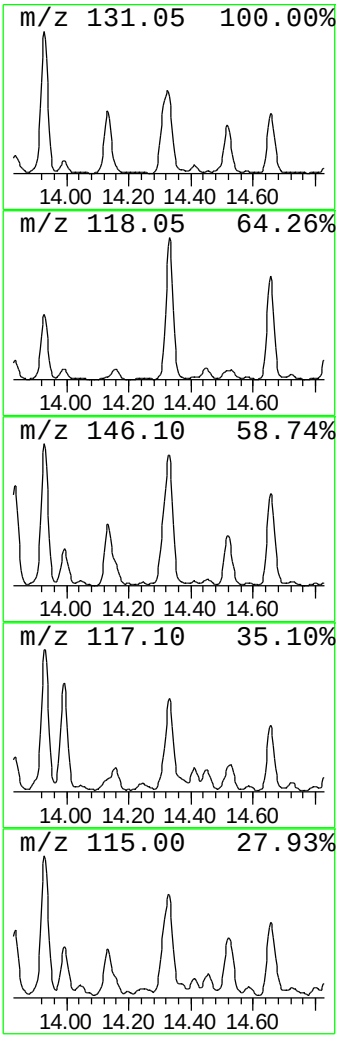
Peak Number 38 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	6.14 ug/L	1292020	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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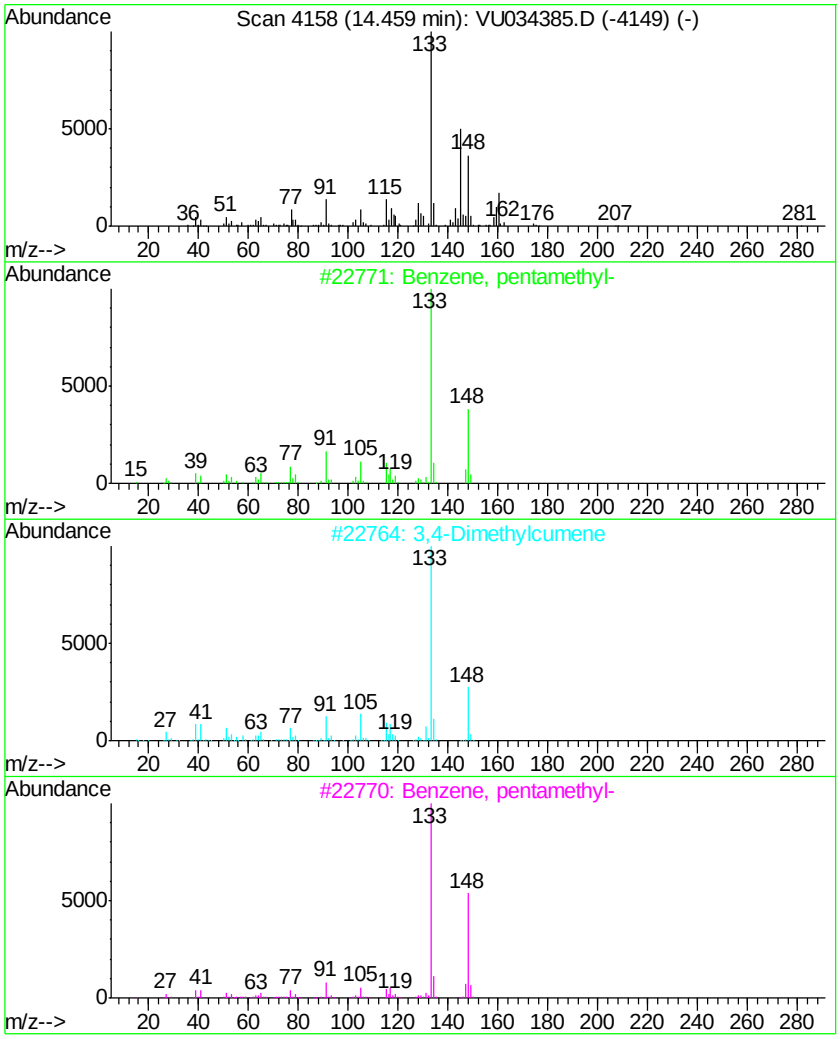
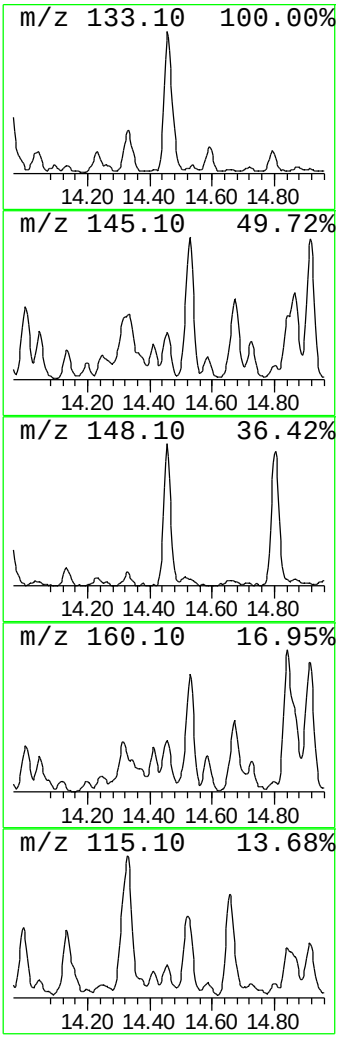
Peak Number 39 Benzene, pentamethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	1.15 ug/L	241848	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	53
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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

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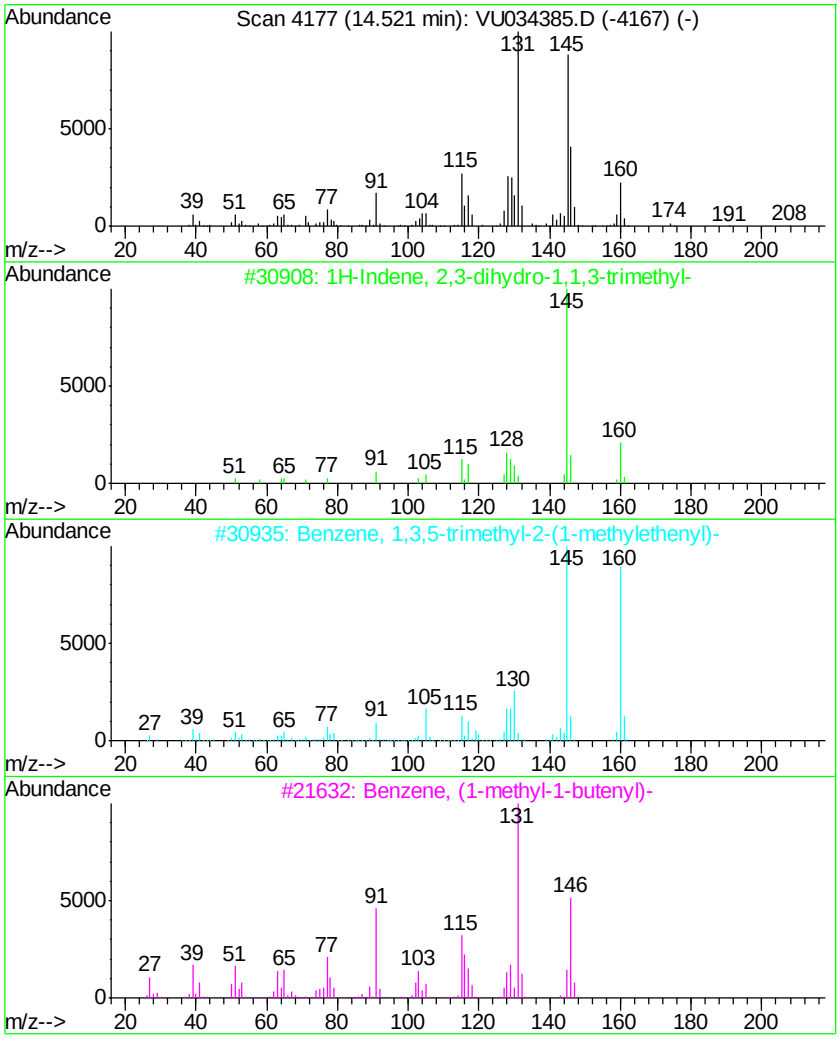
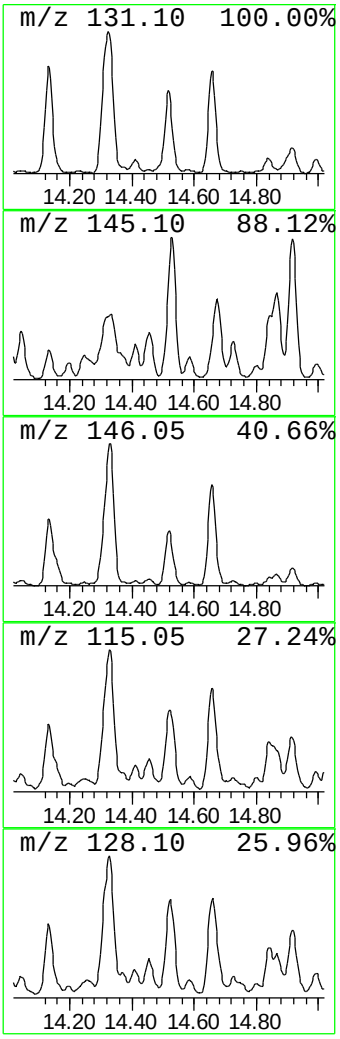
Peak Number 40 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.96 ug/L	623227	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	60
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034385.D
Acq On : 07 Sep 2019 17:02
Operator : JC/SP
Sample : K4724-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0

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, propyl-	10.57	1.5	ug/L	324616	3	11.46	1052920	5.0
Benzene, 1-ethyl-...	10.95	4.7	ug/L	993416	3	11.46	1052920	5.0
Benzene, 1,2,3-tr...	11.13	2.5	ug/L	527993	3	11.46	1052920	5.0
Oxirane, 2-methyl...	11.30	1.2	ug/L	248328	3	11.46	1052920	5.0
o-Cymene	11.40	1.2	ug/L	246213	3	11.46	1052920	5.0
Indane	11.75	8.0	ug/L	1674650	3	11.46	1052920	5.0
Benzene, 1,2-diet...	11.96	0.8	ug/L	172445	3	11.46	1052920	5.0
Benzene, 1-methyl...	12.03	1.6	ug/L	328261	3	11.46	1052920	5.0
Benzene, 2-ethyl-...	12.13	2.9	ug/L	613756	3	11.46	1052920	5.0
Benzene, (1-methy...	12.26	2.1	ug/L	449992	3	11.46	1052920	5.0
Benzene, 1-etheny...	12.33	8.0	ug/L	1681160	3	11.46	1052920	5.0
Benzene, 1,3-diet...	12.47	0.6	ug/L	127047	3	11.46	1052920	5.0
Benzene, 1-ethyl-...	12.52	2.2	ug/L	472750	3	11.46	1052920	5.0
Benzene, 1,2,3,4-...	12.63	3.3	ug/L	685931	3	11.46	1052920	5.0
Benzene, 1,2,4,5-...	12.68	3.7	ug/L	784351	3	11.46	1052920	5.0
Benzene, (3-methy...	12.77	1.7	ug/L	348924	3	11.46	1052920	5.0
2,2-Dimethylinden...	12.90	1.3	ug/L	279228	3	11.46	1052920	5.0
Benzene, 2-etheny...	12.94	3.7	ug/L	771598	3	11.46	1052920	5.0
Naphthalene, 1,2,...	13.27	6.2	ug/L	1310090	3	11.46	1052920	5.0
Benzene, (1-methy...	13.39	1.4	ug/L	293193	3	11.46	1052920	5.0
1H-Indene, 2,3-di...	13.43	2.1	ug/L	436942	3	11.46	1052920	5.0
1H-Indene, 2,3-di...	13.49	2.3	ug/L	493675	3	11.46	1052920	5.0
1H-Indene, 2,3-di...	13.56	0.6	ug/L	134642	3	11.46	1052920	5.0
4-tert-Butyltoluene	13.76	0.6	ug/L	128457	3	11.46	1052920	5.0
Naphthalene, 1,2,...	13.84	3.2	ug/L	676167	3	11.46	1052920	5.0
1H-Inden-1-one, 2...	13.93	5.7	ug/L	1206100	3	11.46	1052920	5.0
unknown-01	13.99	1.3	ug/L	273406	3	11.46	1052920	5.0
1H-Indene, 2,3-di...	14.04	0.5	ug/L	111445	3	11.46	1052920	5.0
Naphthalene, 1,2,...	14.33	6.1	ug/L	1292020	3	11.46	1052920	5.0
Benzene, pentamet...	14.46	1.1	ug/L	241848	3	11.46	1052920	5.0
1H-Indene, 2,3-di...	14.52	3.0	ug/L	623227	3	11.46	1052920	5.0