LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.322	64	72	82	rVB	182920	182448	0.35%	0.081%
2	1.573	142	150	164	rBV	106453	135124	0.26%	0.060%
3	1.820	223	227	236	rVB6	3845	5161	0.01%	0.002%
4	2.129	310	323	335	rBV	234934	343831	0.66%	0.152%
5	2.531	438	448	449	rBV8	5453	5896	0.01%	0.003%
6	2.650	476	485	505	rVB	14496	32112	0.06%	0.014%
7	2.788	516	528	542	rVV5	5337	12075	0.02%	0.005%
8	3.074	605	617	628	rVV4	8050	16835	0.03%	0.007%
9	3.810	829	846	858	rBV5	7477	18698	0.04%	0.008%
10	3.920	869	880	909	rBV	124064	330585	0.64%	0.146%
11	4.396	1010	1028	1054	rVV	232123	581122	1.12%	0.257%
12	4.724	1115	1130	1143	rBV5	8229	22078	0.04%	0.010%
13	4.807	1147	1156	1165	rVV8	2527	4576	0.01%	0.002%
14	4.955	1191	1202	1217	rBV10	4430	11649	0.02%	0.005%
15	5.090	1225	1244	1256	rBV2	601201	1537967	2.97%	0.680%
16	5.367	1318	1330	1342	rVB10	4457	10428	0.02%	0.005%
17	5.531	1370	1381	1396	rVV9	4331	10726	0.02%	0.005%
18	5.659	1405	1421	1448	rBV	529451	1054143	2.04%	0.466%
19	5.942	1498	1509	1531	rVB3	23852	52260	0.10%	0.023%
20	6.113	1548	1562	1592	rBV	337374	707069	1.37%	0.312%
21	6.296	1615	1619	1628	rVB9	2235	3335	0.01%	0.001%
22	6.402	1644	1652	1656	rBV7	1659	2337	0.00%	0.001%
23	6.505	1675	1684	1692	rBV6	2231	3329	0.01%	0.001%
24	6.672	1728	1736	1744	rBV10	3352	6515	0.01%	0.003%
25	7.026	1831	1846	1868	rBV	211289	376385	0.73%	0.166%
26	7.354	1936	1948	1960	rBV	742350	1284769	2.48%	0.568%
27	7.428	1960	1971	1994	rVB	2223959	3758964	7.27%	1.661%
28	7.659	2032	2043	2062	rBV	149221	253048	0.49%	0.112%
29	7.820	2086	2093	2098	rBV6	2155	2976	0.01%	0.001%
30	8.125	2177	2188	2224	rVV	443223	770929	1.49%	0.341%
31	8.325	2242	2250	2251	rBV6	2098	2196	0.00%	0.001%
32	8.543	2311	2318	2329	rVB9	3474	6804	0.01%	0.003%
33	8.797	2390	2397	2402	rBV8	2038	2977	0.01%	0.001%
34	8.891	2412	2426	2446	rBV	787297	1270490	2.46%	0.561%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

35	9.051	2464	2476	2497	rBV	582960	915487	1.77%	0.405%
36	9.174	2501	2514	2530	rBV	4022313	6496598	12.56%	2.871%
37	9.350	2562	2569	2579	rVB5	6993	12010	0.02%	0.005%
38	9.440	2588	2597	2603	rBV9	4364	7050	0.01%	0.003%
39	9.595	2629	2645	2673	rVB3	4395371	8685753	16.79%	3.839%
40	9.971	2753	2762	2771	rBV	18108	30555	0.06%	0.014%
41	10.061	2785	2790	2796	rBV8	3020	3290	0.01%	0.001%
42	10.103	2796	2803	2805	rBV6	5455	6689	0.01%	0.003%
43	10.254	2838	2850	2861	rBV	423952	663150	1.28%	0.293%
44	10.315	2861	2869	2880	rVB	101708	152911	0.30%	0.068%
45	10.392	2883	2893	2910	rVB	130005	202152	0.39%	0.089%
46	10.485	2910	2922	2938	rBV	655549	1348216	2.61%	0.596%
47	10.575	2939	2950	2959	rBV	790293	1209825	2.34%	0.535%
48	10.711	2985	2992	2997	rBV9	3811	6958	0.01%	0.003%
49	10.775	3002	3012	3015	rVV	208202	278544	0.54%	0.123%
50	10.804	3017	3021	3034	rVB	426145	566869	1.10%	0.251%
51	10.952	3049	3067	3078	rBV	2557554	4046660	7.82%	1.788%
52	11.022	3078	3089	3098	rVV	3744155	5576058	10.78%	2.464%
53	11.071	3098	3104	3117	rVB	1424189	2067529	4.00%	0.914%
54	11.289	3161	3172	3182	rBV	822230	1267842	2.45%	0.560%
55	11.376	3189	3199	3208	rBV	757277	1116037	2.16%	0.493%
56	11.434	3209	3217	3230	rVB	409862	614459	1.19%	0.272%
57	11.569	3247	3259	3268	rBV2	453813	771866	1.49%	0.341%
58	11.614	3269	3273	3280	rVV	130262	176671	0.34%	0.078%
59	11.665	3280	3289	3305	rVB3	832335	1582899	3.06%	0.700%
60	11.788	3315	3327	3338	rBV	10286445	16260356	31.44%	7.186%
61	11.952	3369	3378	3381	rBV	137502	193324	0.37%	0.085%
62	12.029	3394	3402	3407	rBV	306446	478048	0.92%	0.211%
63	12.112	3421	3428	3438	rVB2	285467	478340	0.92%	0.211%
64	12.235	3456	3466	3475	rVB	1135056	1749576	3.38%	0.773%
65	12.292	3476	3484	3495	rVB2	351012	522018	1.01%	0.231%
66	12.405	3514	3519	3525	rBV5	49075	60551	0.12%	0.027%
67	12.453	3526	3534	3542	rVB	258825	368136	0.71%	0.163%
68	12.511	3542	3552	3564	rBV2	562170	1327501	2.57%	0.587%
69	12.630	3580	3589	3599	rBV	827548	1356918	2.62%	0.600%
70	12.765	3624	3631	3646	rVB2	210756	306271	0.59%	0.135%
71	12.890	3663	3670	3671	rBV2	70579	73915	0.14%	0.033%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

72	12.923	3672	3680	3690	rVV3	772925	1248647	2.41%	0.552%
73	12.987	3690	3700	3712	rVB	3580365	5397497	10.44%	2.385%
74	13.096	3722	3734	3751	rVB	3956852	6512012	12.59%	2.878%
75	13.186	3752	3762	3780	rBV2	482571	924066	1.79%	0.408%
76	13.556	3857	3877	3890	rBV2	26486216	51717247	100.00%	22.856%
77	13.665	3905	3911	3932	rVB	445150	725806	1.40%	0.321%
78	13.945	3992	3998	4003	rBV3	110138	161247	0.31%	0.071%
79	14.138	4049	4058	4066	rBV2	610707	1045403	2.02%	0.462%
80	14.263	4089	4097	4114	rVB	520235	1099209	2.13%	0.486%
81	14.386	4130	4135	4148	rVB2	215534	352210	0.68%	0.156%
82	14.530	4174	4180	4197	rVB	360309	612216	1.18%	0.271%
83	14.620	4201	4208	4214	rVV	201865	293687	0.57%	0.130%
84	14.685	4214	4228	4252	rVB	22239152	37833549	73.15%	16.720%
85	14.865	4271	4284	4303	rVB	11060398	17833898	34.48%	7.881%
86	15.405	4443	4452	4462	rBV	1055714	1551606	3.00%	0.686%
87	15.595	4503	4511	4518	rBV	1027003	1473666	2.85%	0.651%
88	15.710	4535	4547	4567	rBV	4520516	7684976	14.86%	3.396%
89	15.855	4582	4592	4599	rBV	3783677	5987749	11.58%	2.646%
90	15.894	4600	4604	4617	rVB	1931213	2536627	4.90%	1.121%
91	15.987	4623	4633	4644	rVB	860785	1311484	2.54%	0.580%
92	16.080	4645	4662	4675	rBV	986938	2275823	4.40%	1.006%
93	16.225	4698	4707	4719	rBV	436964	680929	1.32%	0.301%
94	16.318	4726	4736	4753	rVB2	915813	1812186	3.50%	0.801%
95	16.527	4794	4801	4806	rBV	152671	224565	0.43%	0.099%
96	16.765	4870	4875	4882	rVB	150433	194207	0.38%	0.086%
97	16.813	4883	4890	4915	rVB2	205384	402493	0.78%	0.178%
98	16.958	4928	4935	4945	rVB	154531	238044	0.46%	0.105%
99	17.019	4947	4954	4966	rVB3	92752	139790	0.27%	0.062%
100	17.437	5076	5084	5102	rVB2	113521	206371	0.40%	0.091%

Sum of corrected areas: 226278079

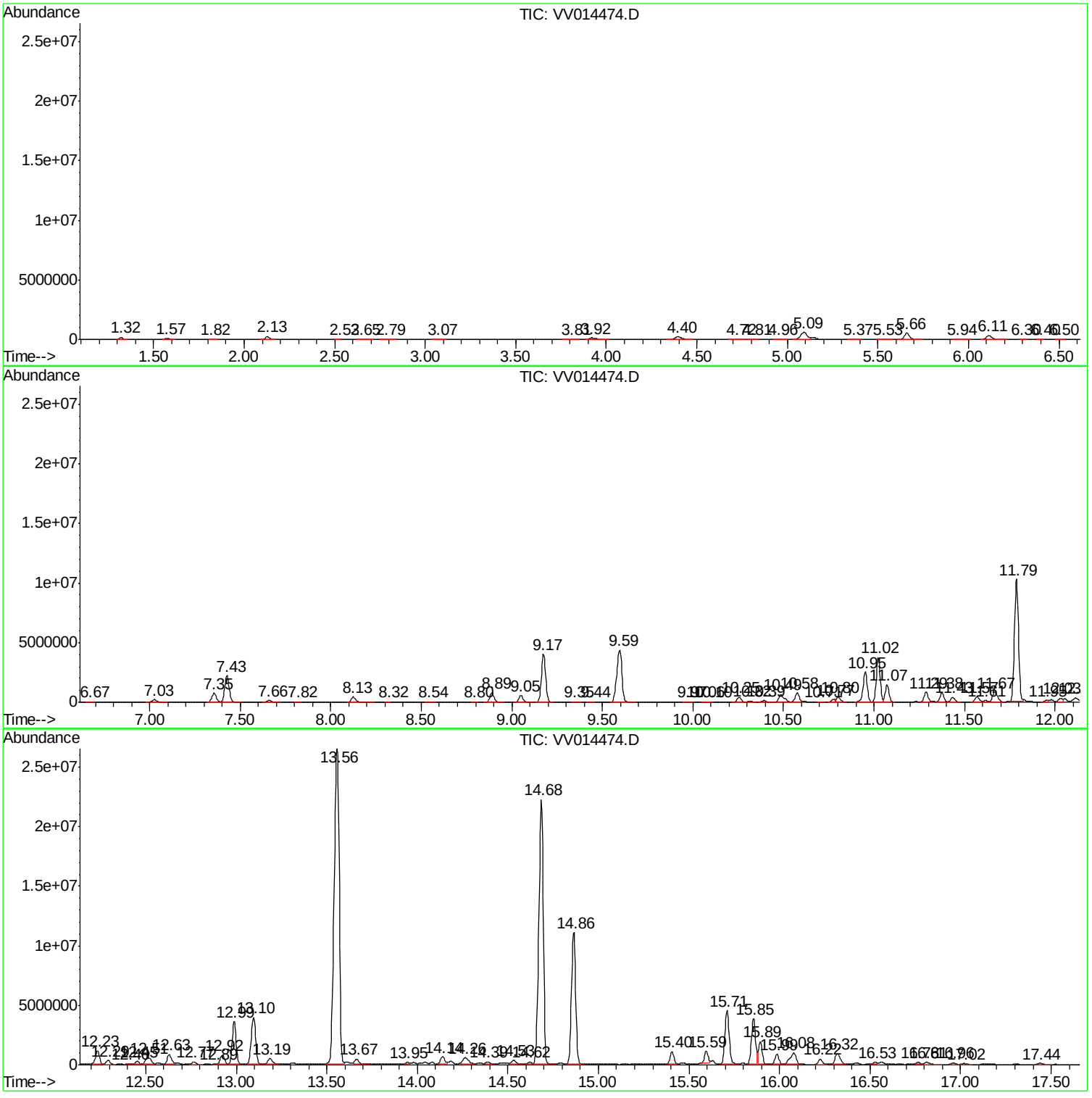
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

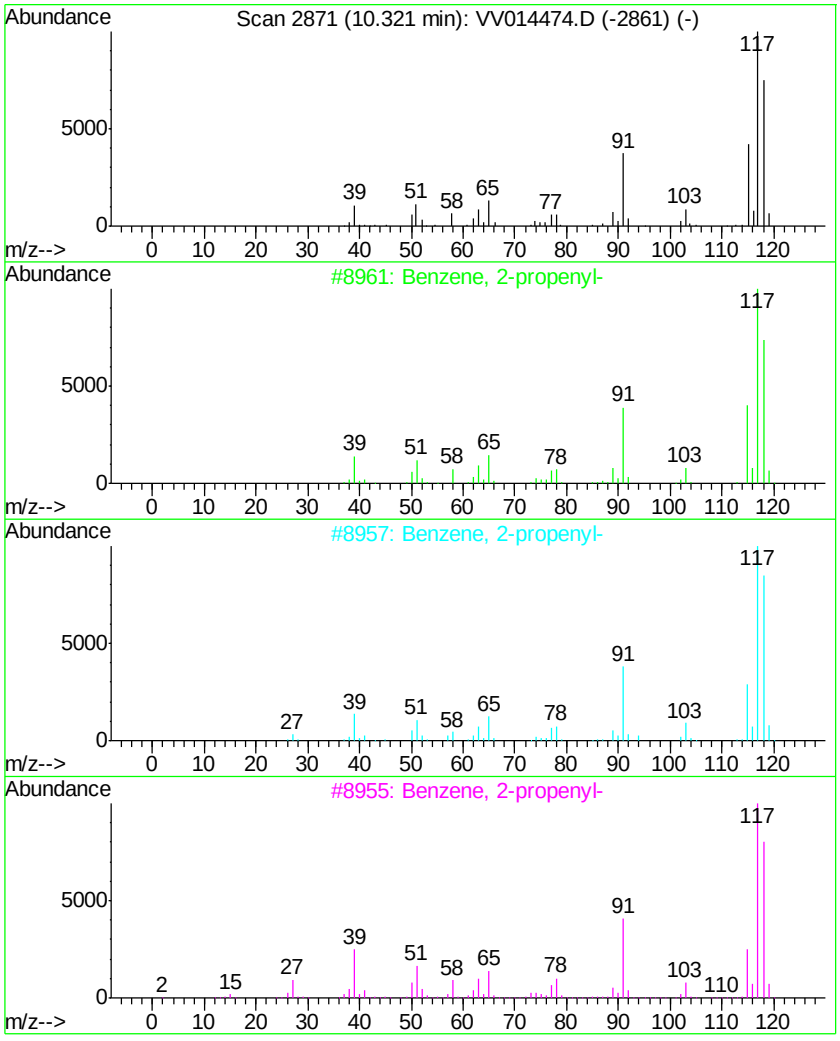
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

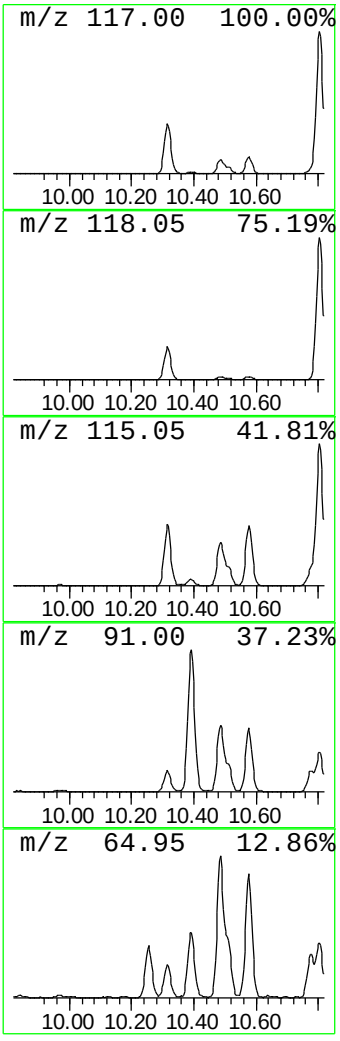
****

Peak Number 2 Benzene, 2-propenyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.03 ug/L	152911	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

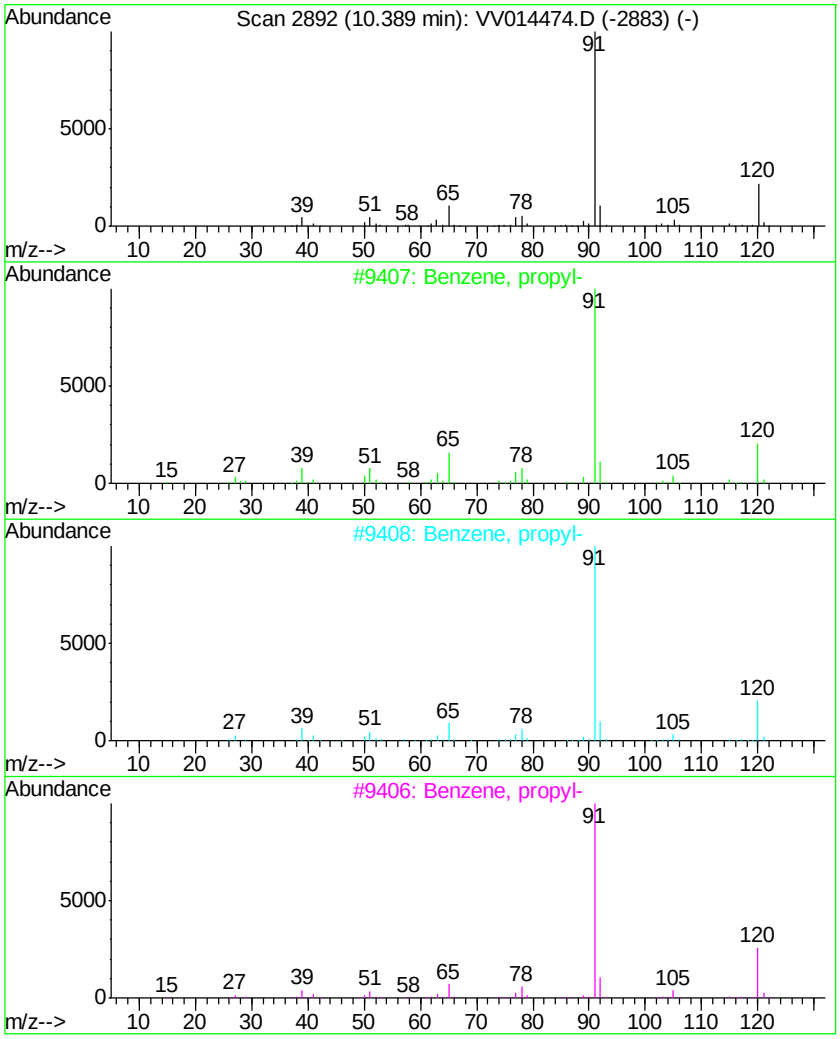
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

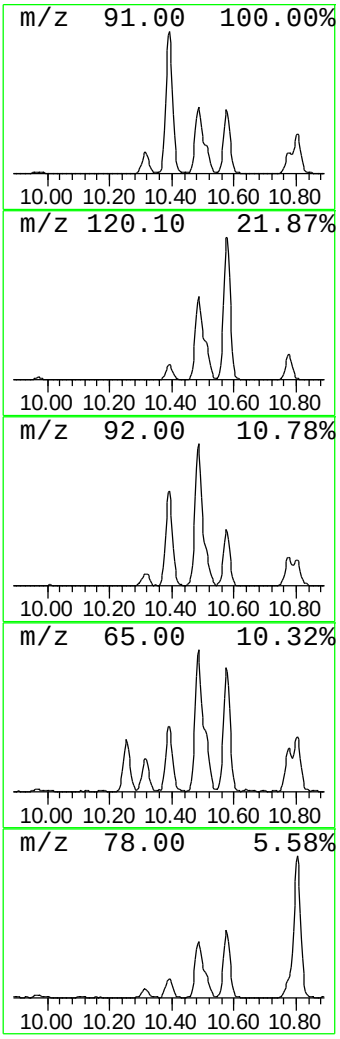
****

Peak Number 3 Benzene, propyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	7.97 ug/L	202152	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

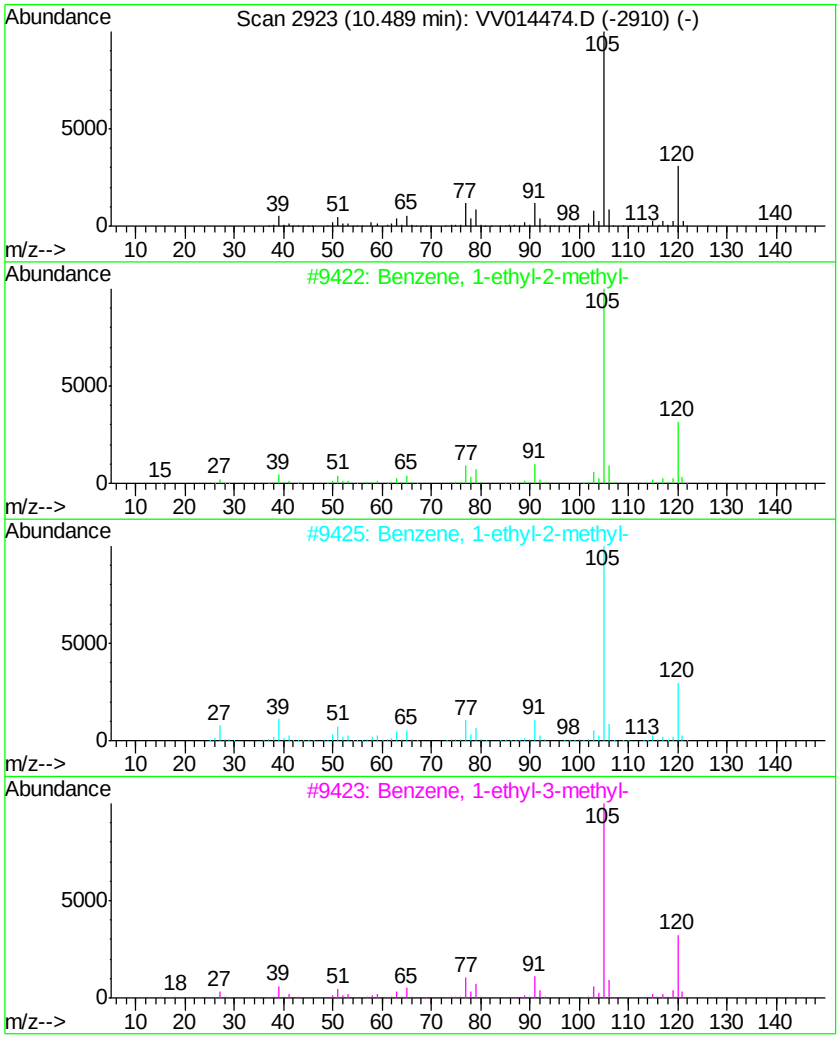
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

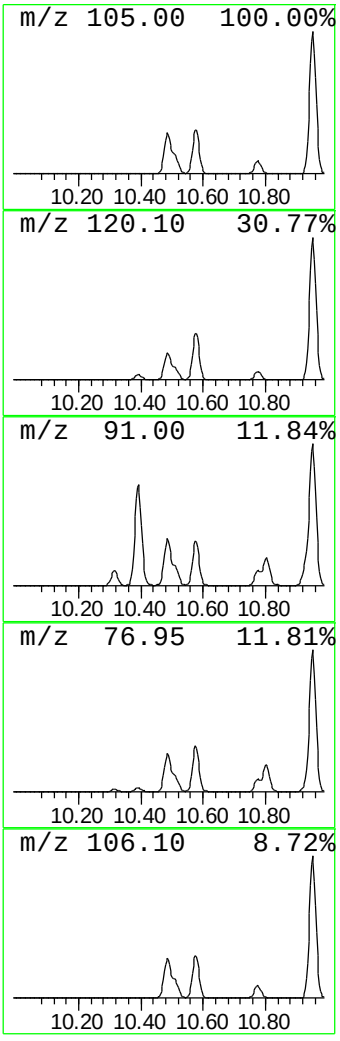
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	53.17 ug/L	1348220	1,4-Dichlorobenzene-d4	11.29

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

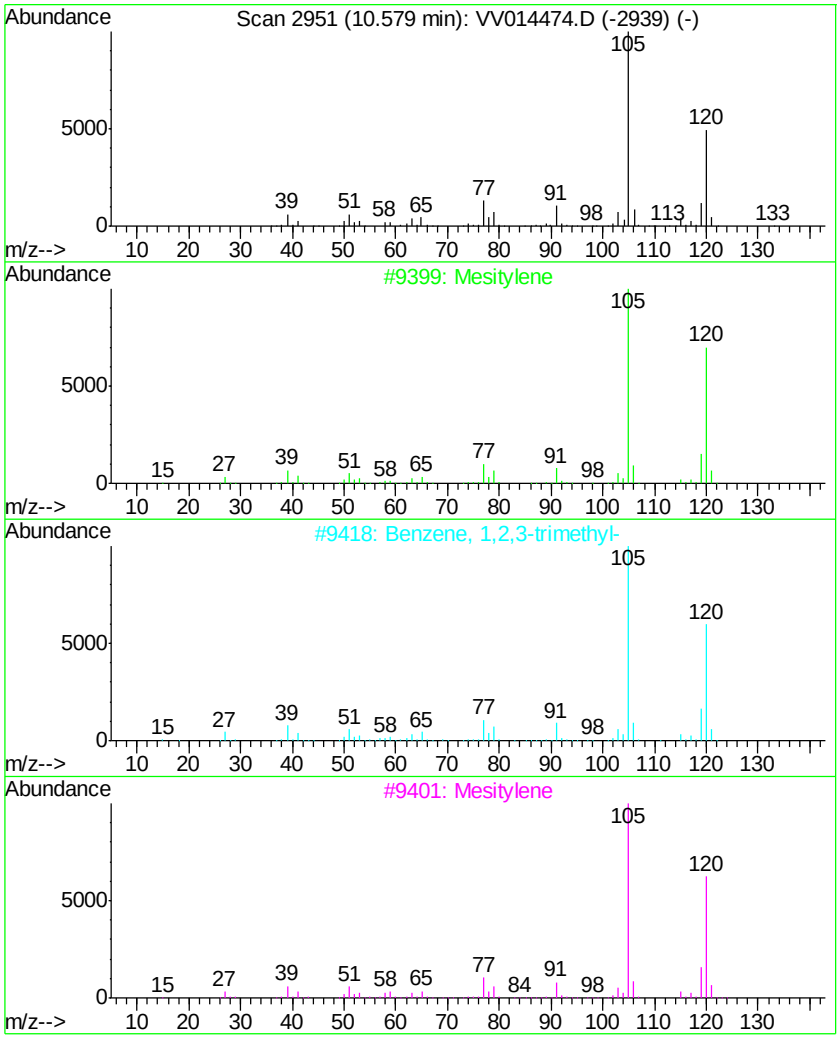
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

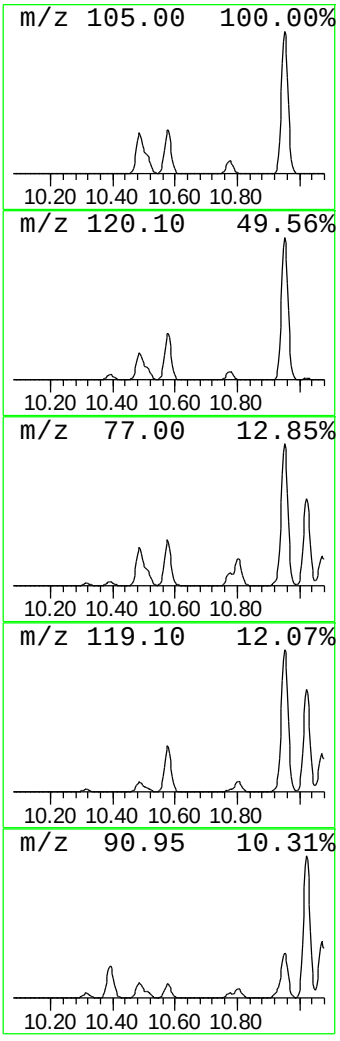
****

Peak Number 5 Mesitylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	47.71 ug/L	1209830	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

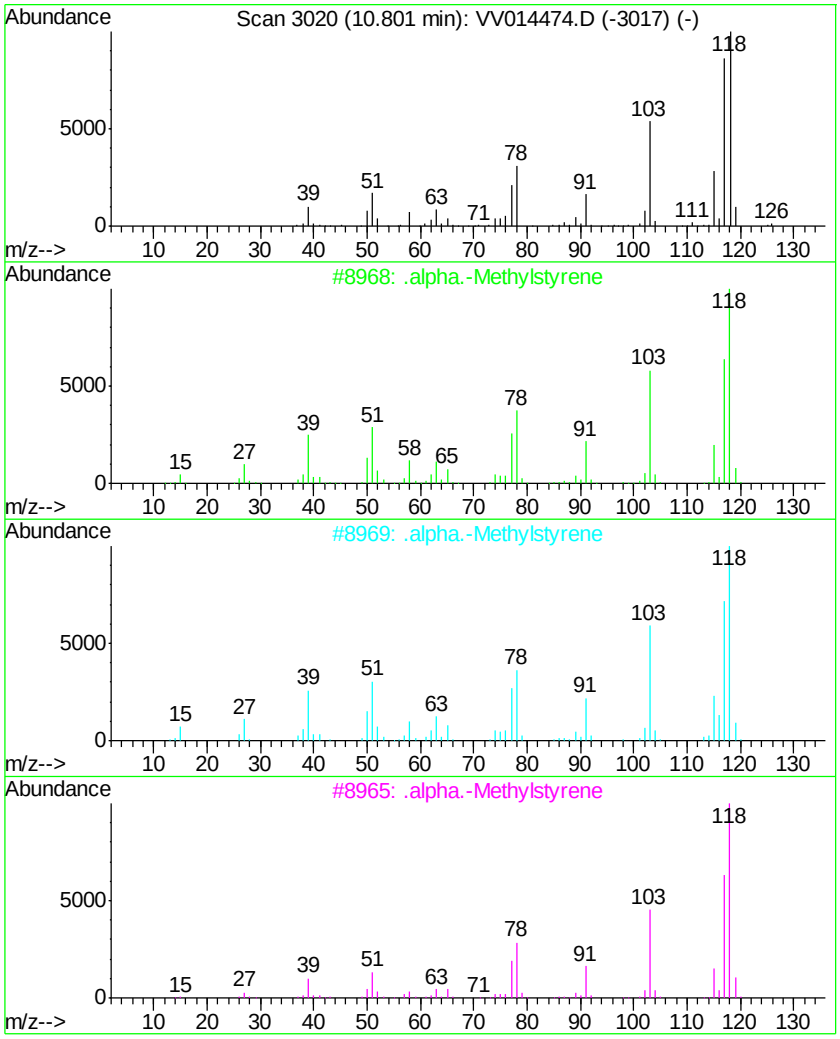
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

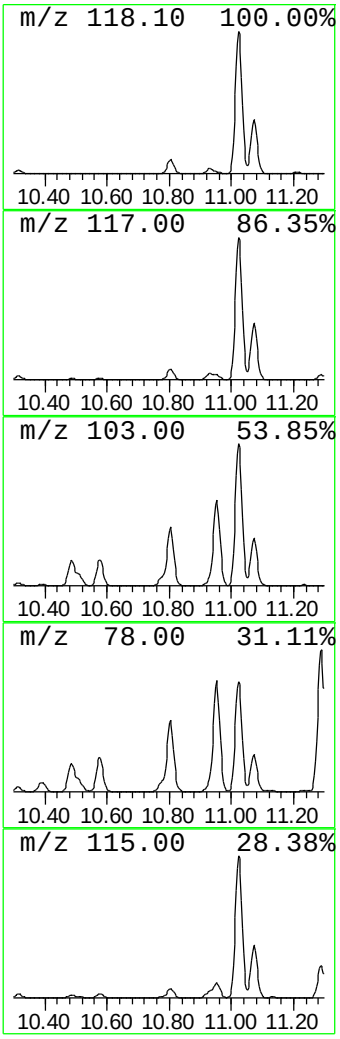
****

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	22.36 ug/L	566869	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	87
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	81
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	53
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

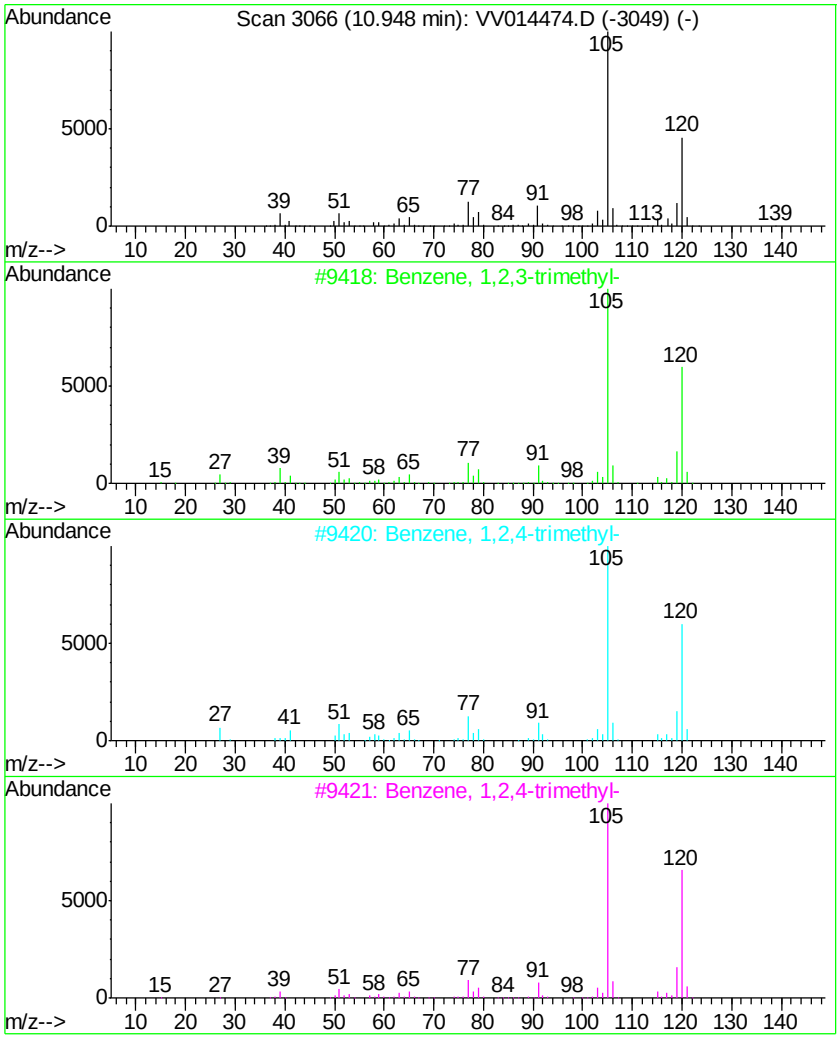
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

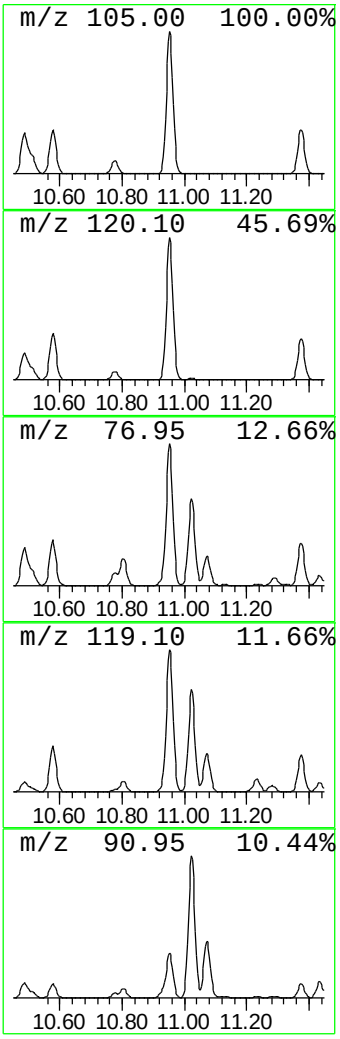
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	159.59 ug/L	4046660	1,4-Dichlorobenzene-d4	11.29

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

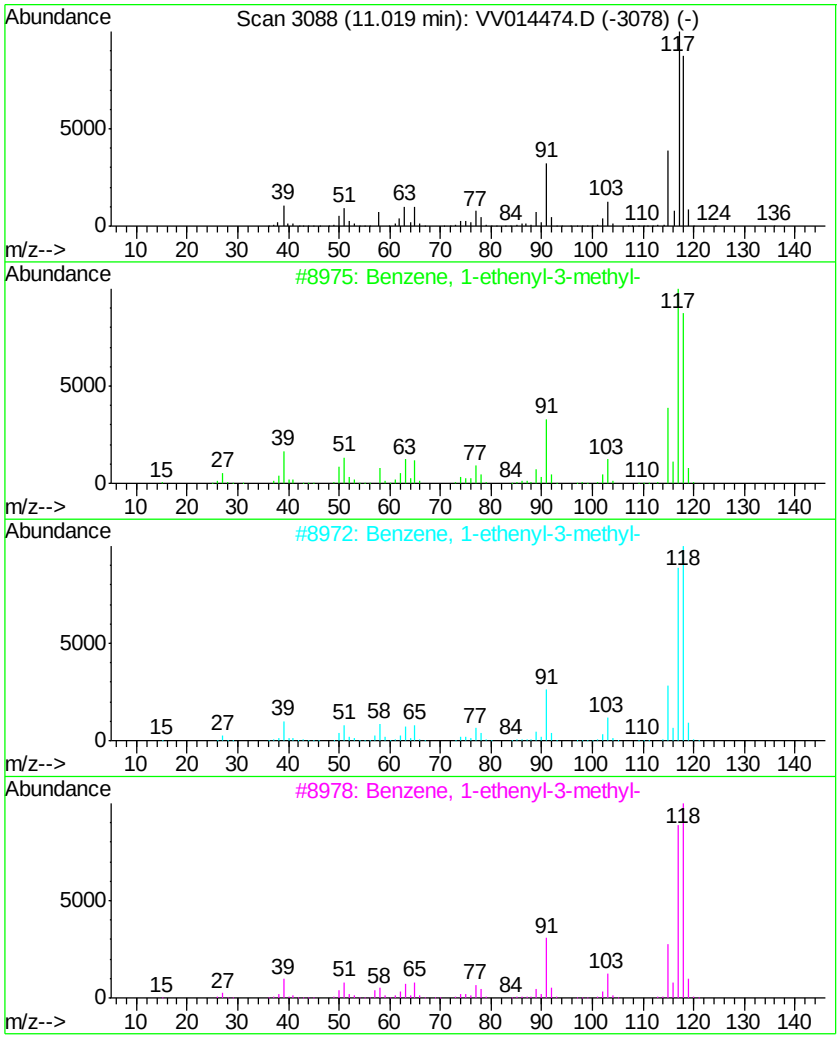
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

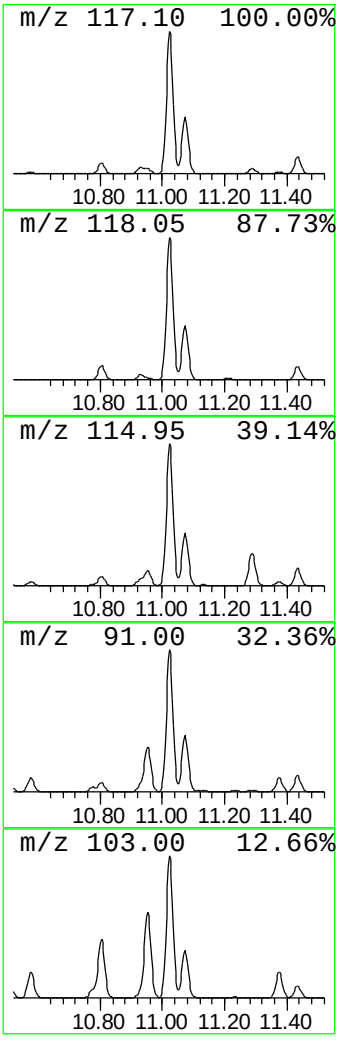
****

Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	219.90 ug/L	5576060	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

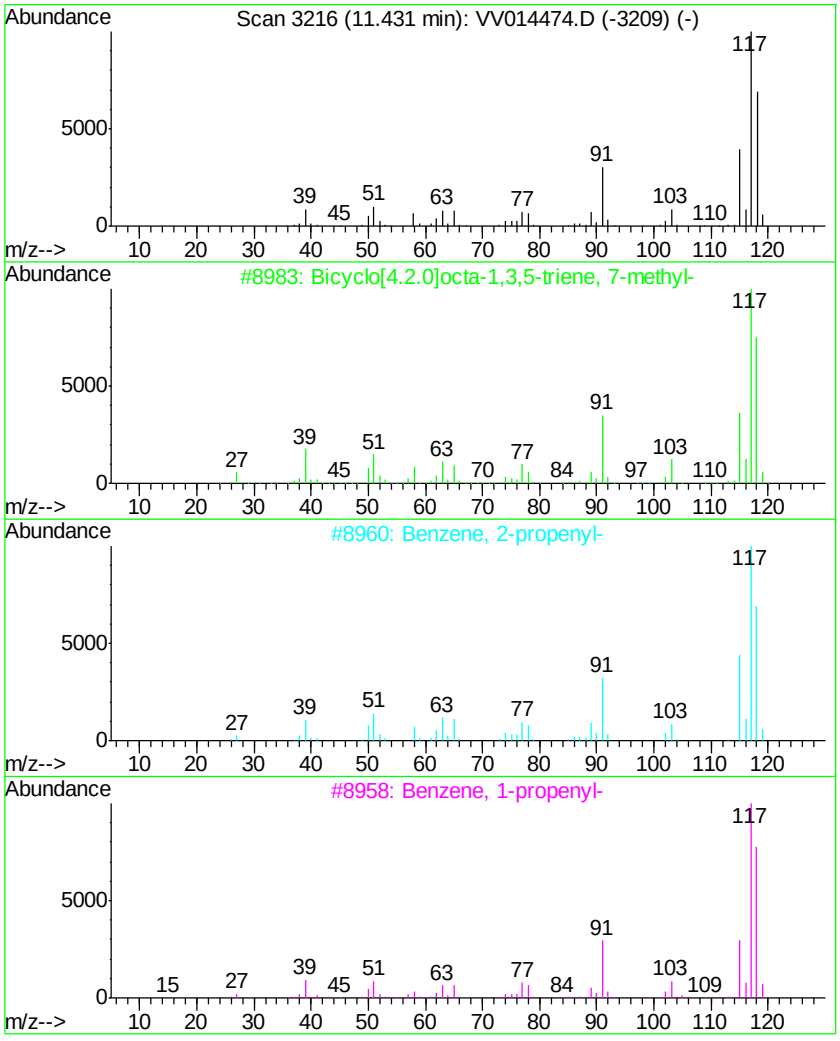
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

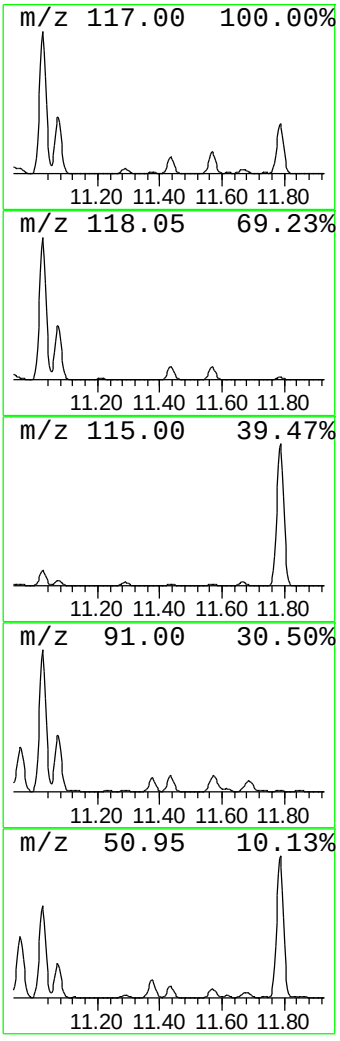
****

Peak Number 12 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	24.23 ug/L	614459	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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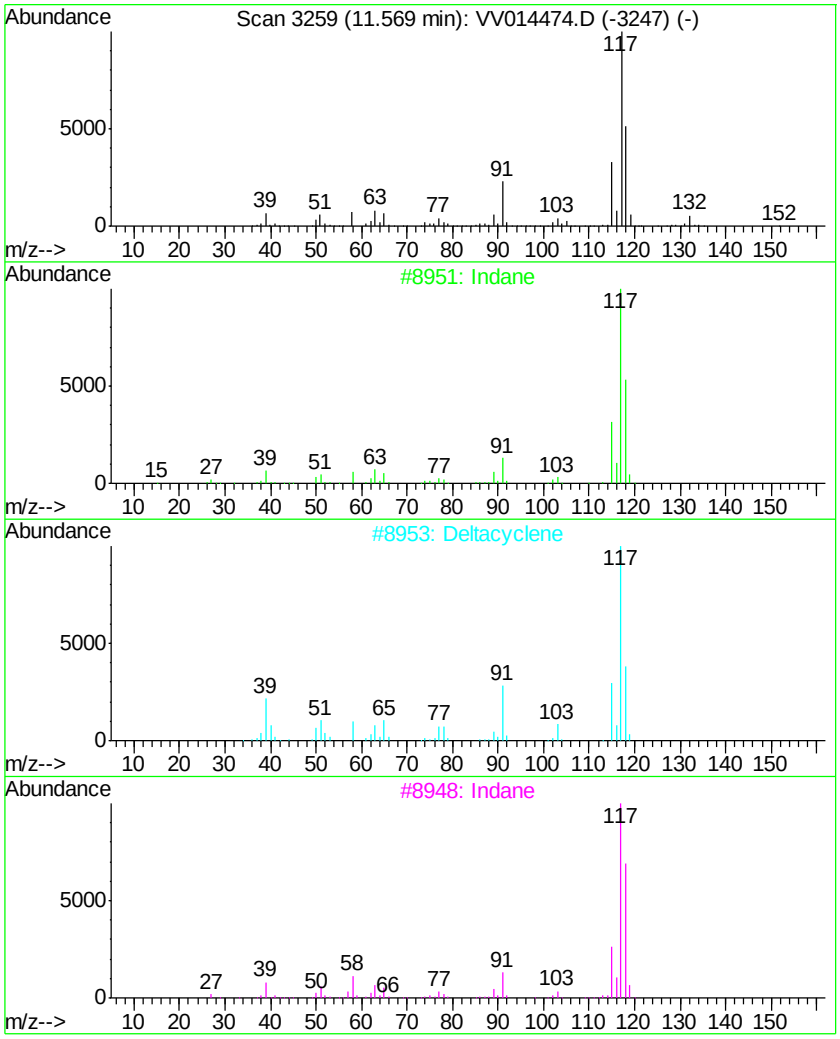
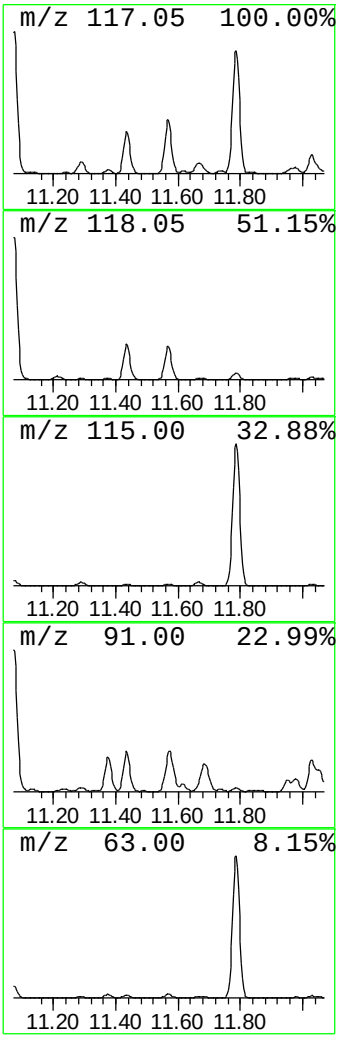
Peak Number 13 Indane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	30.44 ug/L	771866	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Deltacyclene	118	C9H10	007785-10-6	81
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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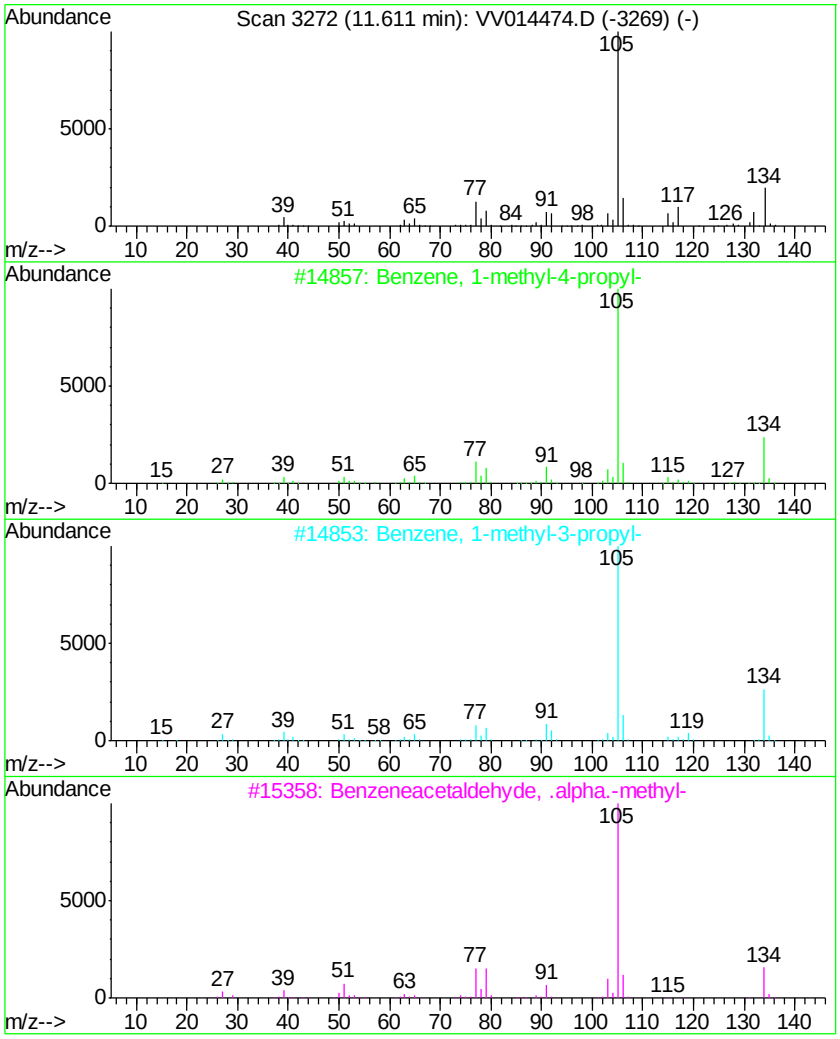
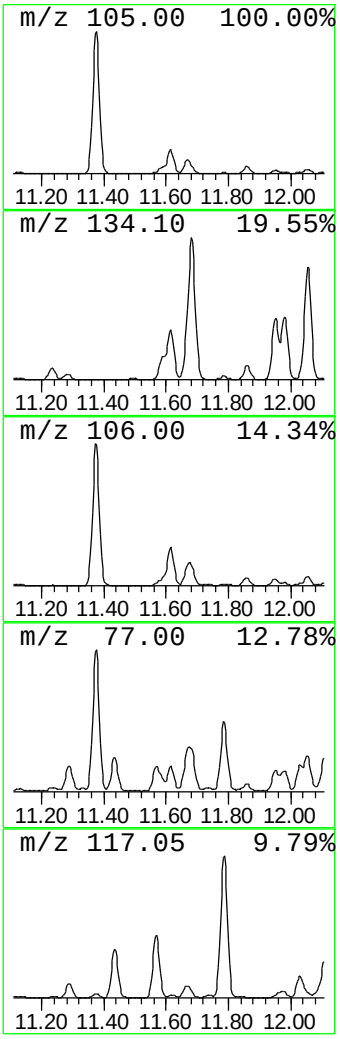
Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	6.97 ug/L	176671	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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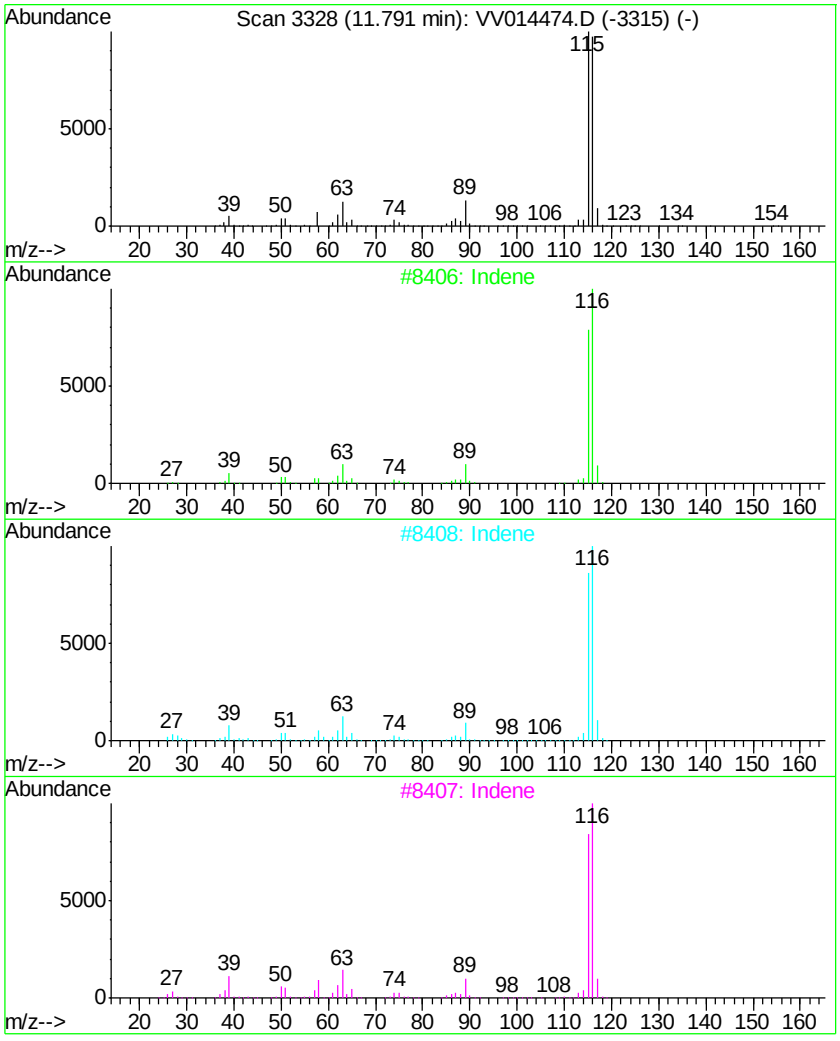
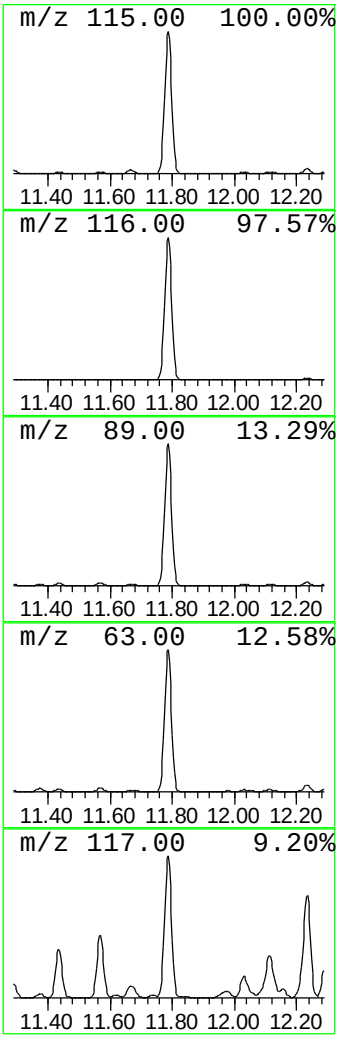
Peak Number 15 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	641.26 ug/L	16260400	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	97
3	Indene	116	C9H8	000095-13-6	96
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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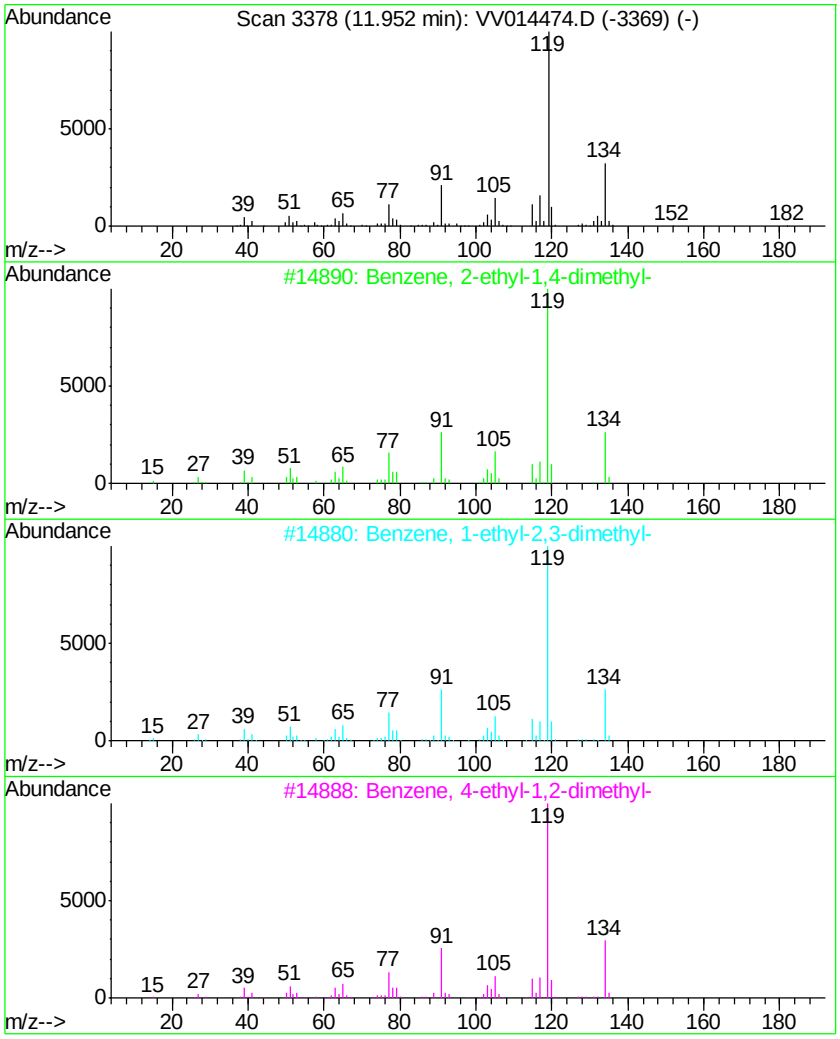
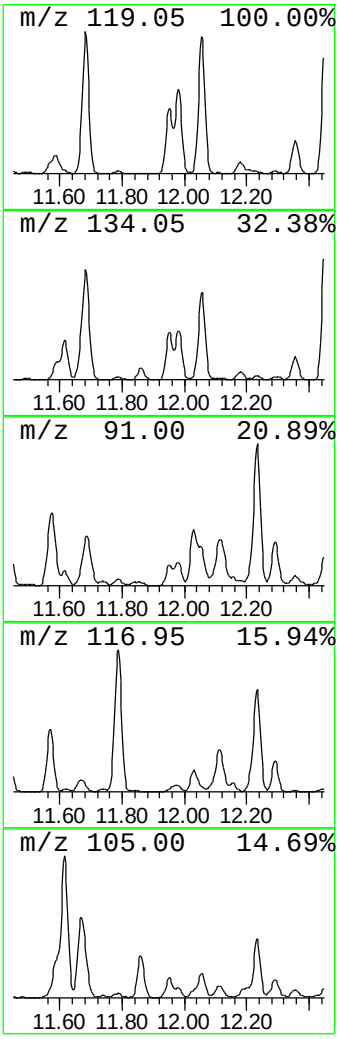
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.62 ug/L	193324	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
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	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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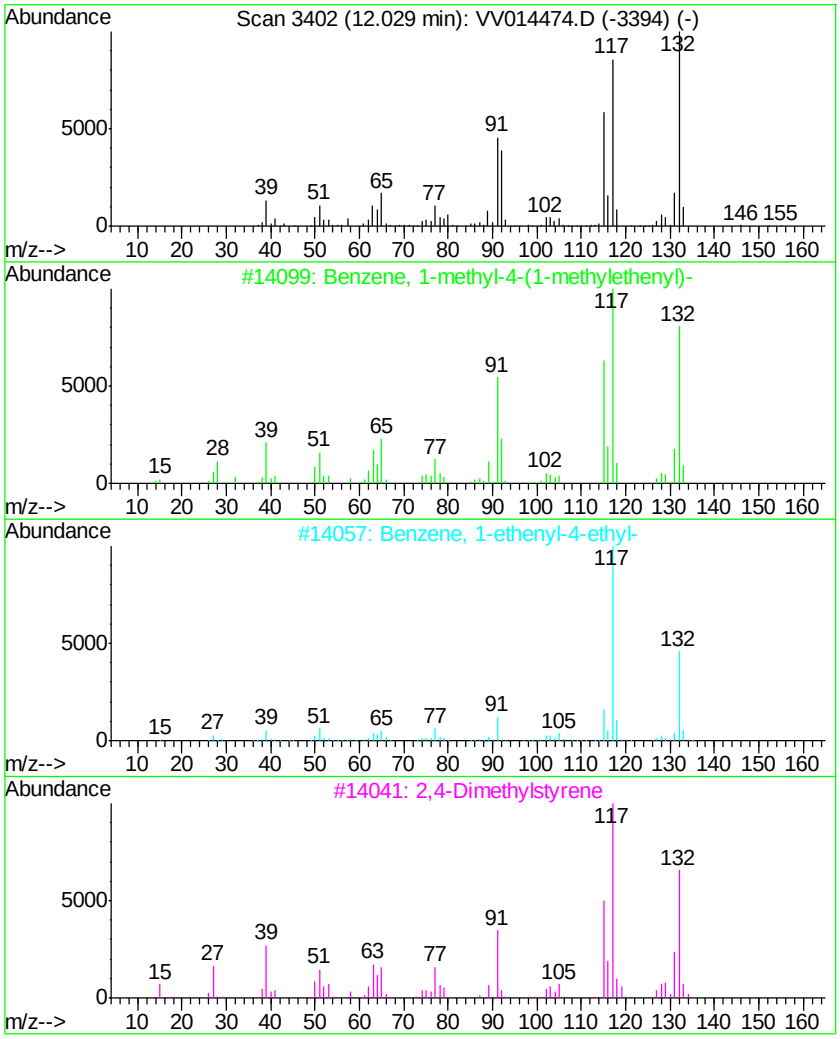
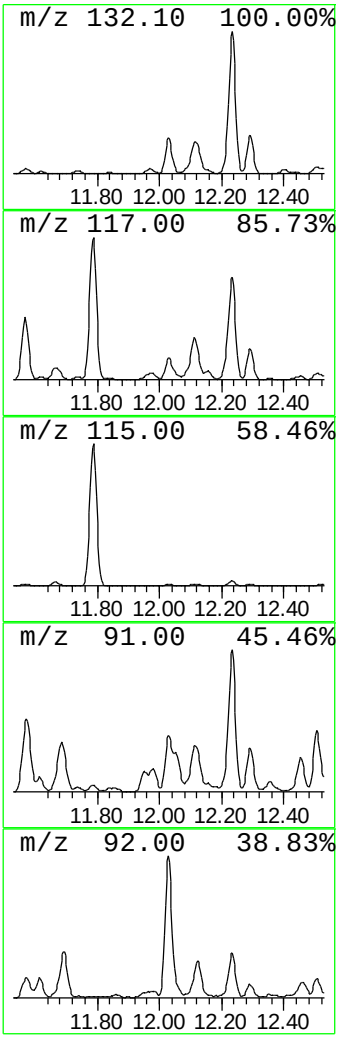
Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	18.85 ug/L	478048	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	81
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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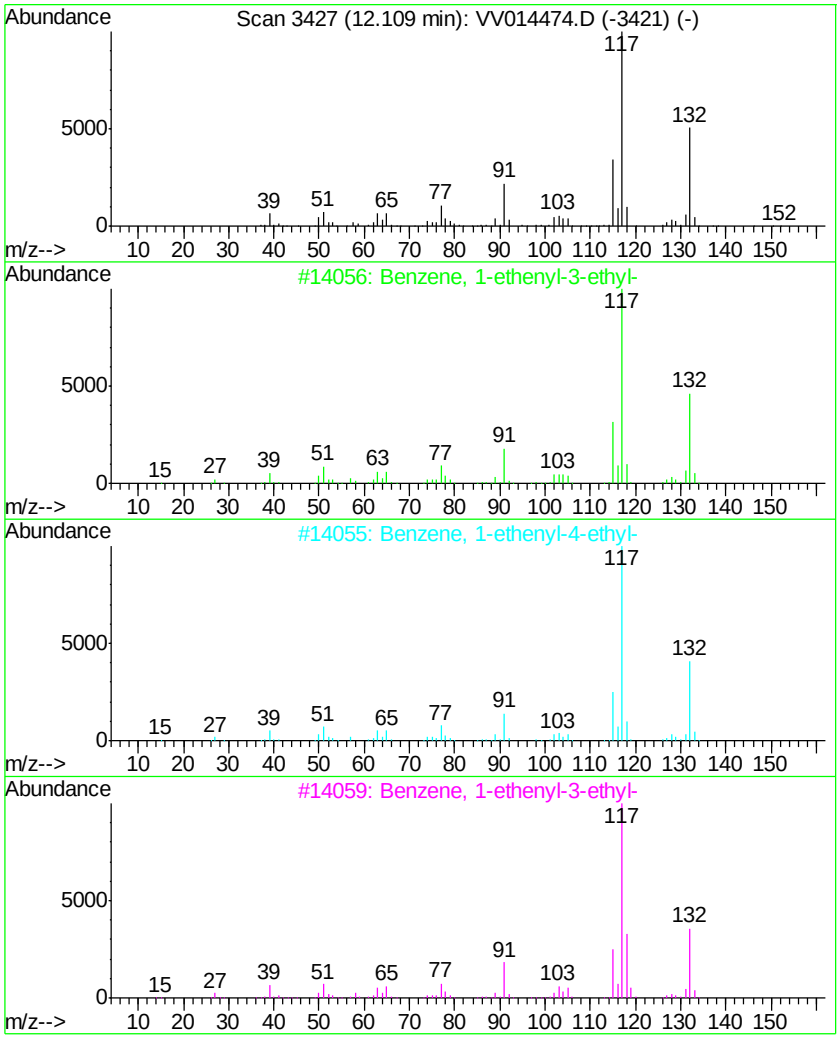
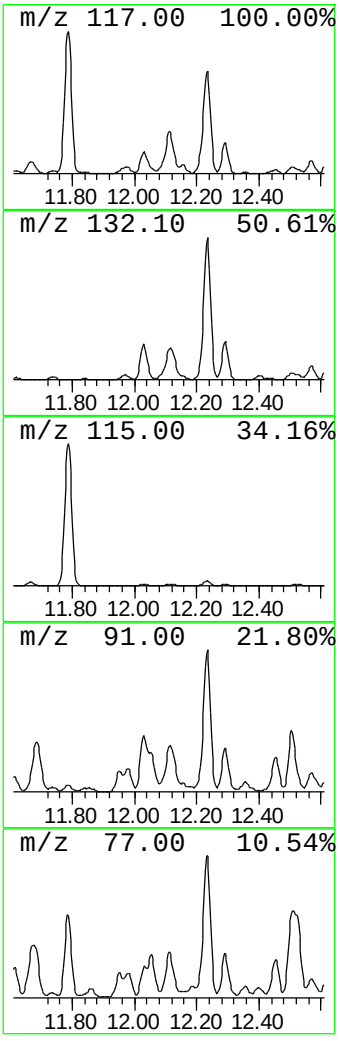
Peak Number 18 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	18.86 ug/L	478340	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	95
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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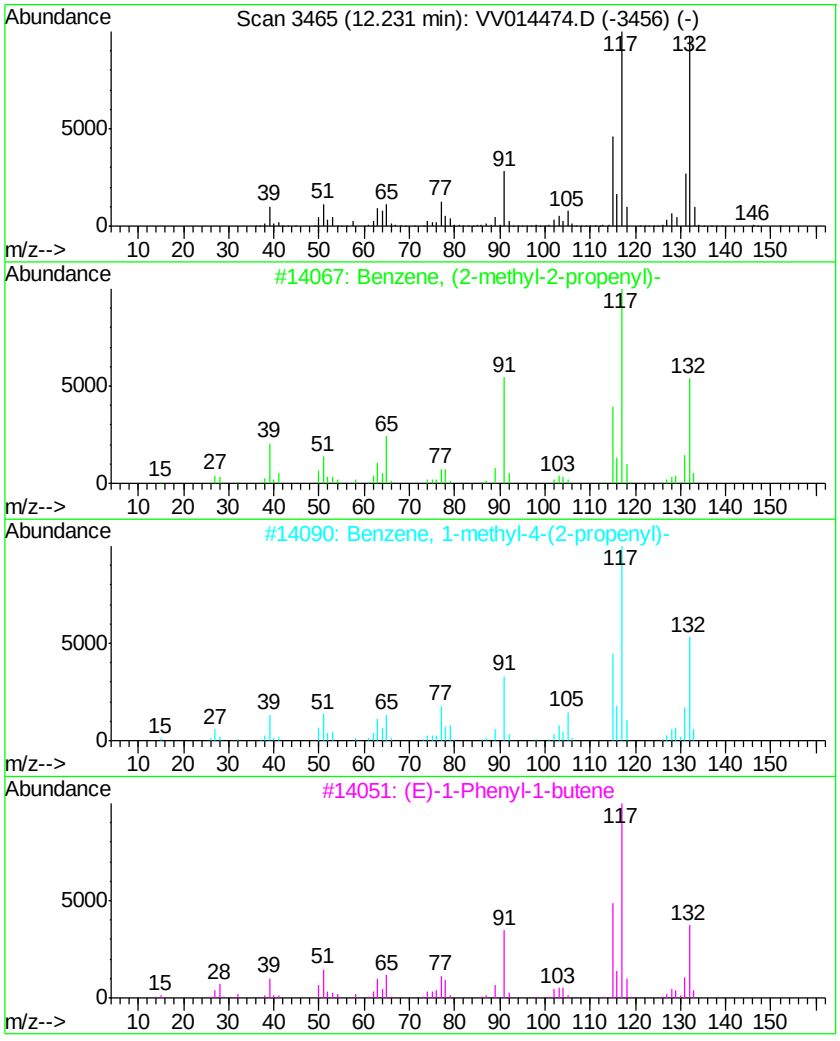
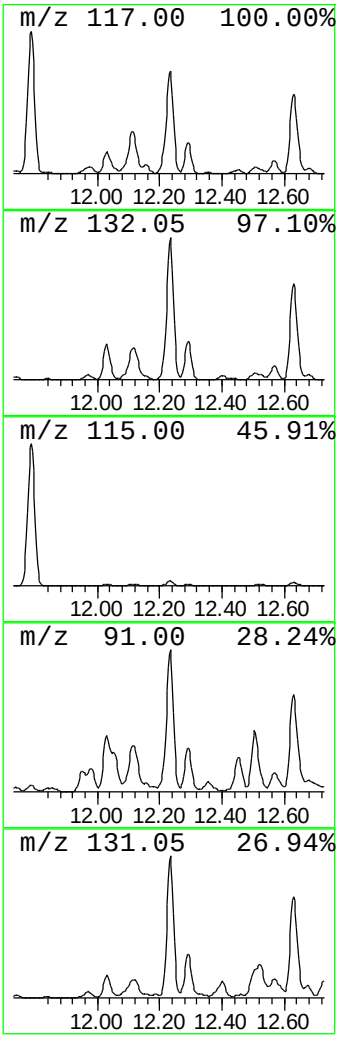
Peak Number 19 Benzene, (2-methyl-2-propen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	69.00 ug/L	1749580	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

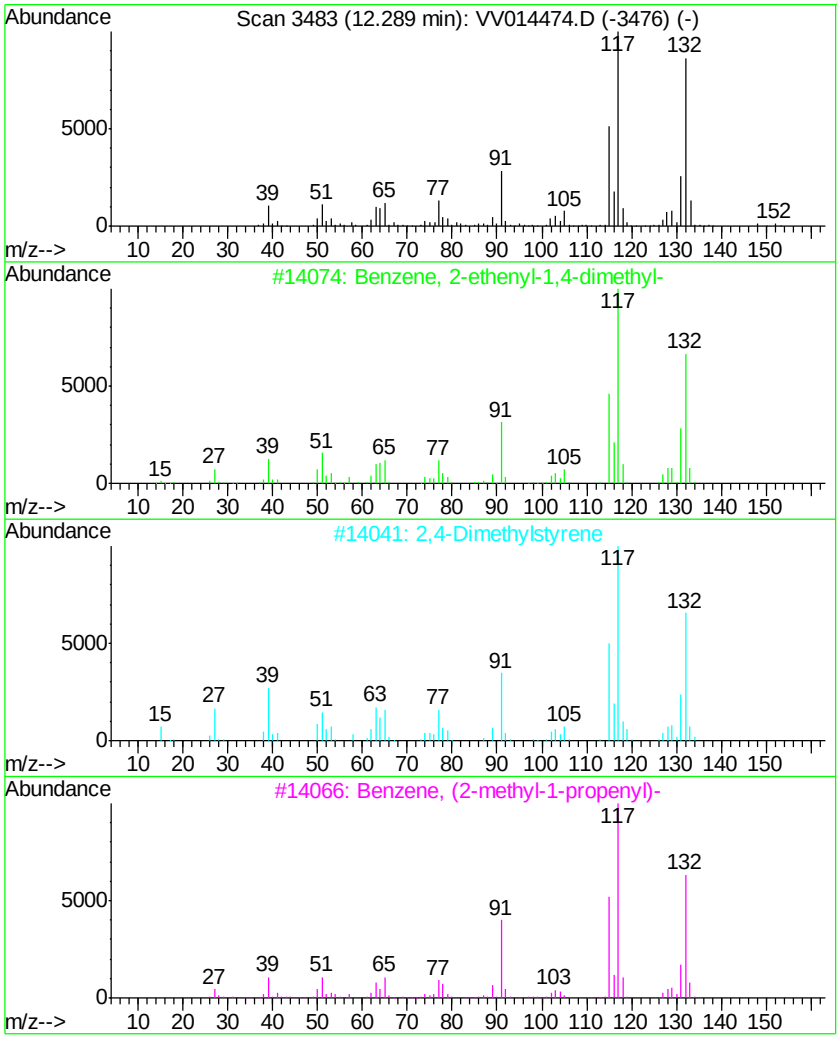
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

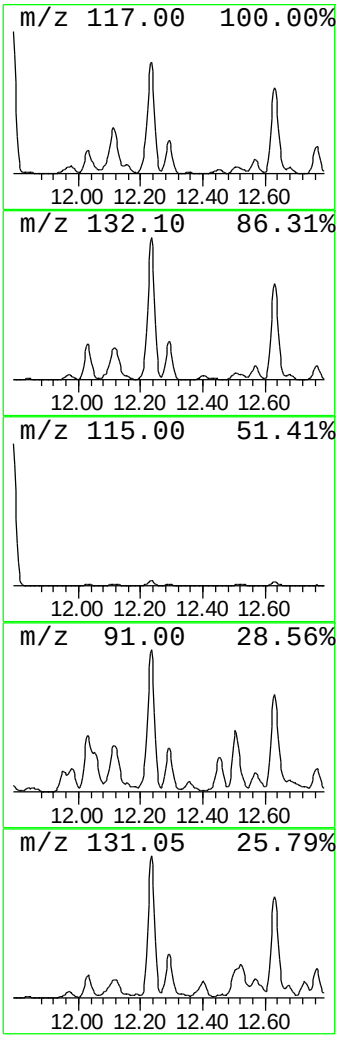
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	20.59 ug/L	522018	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

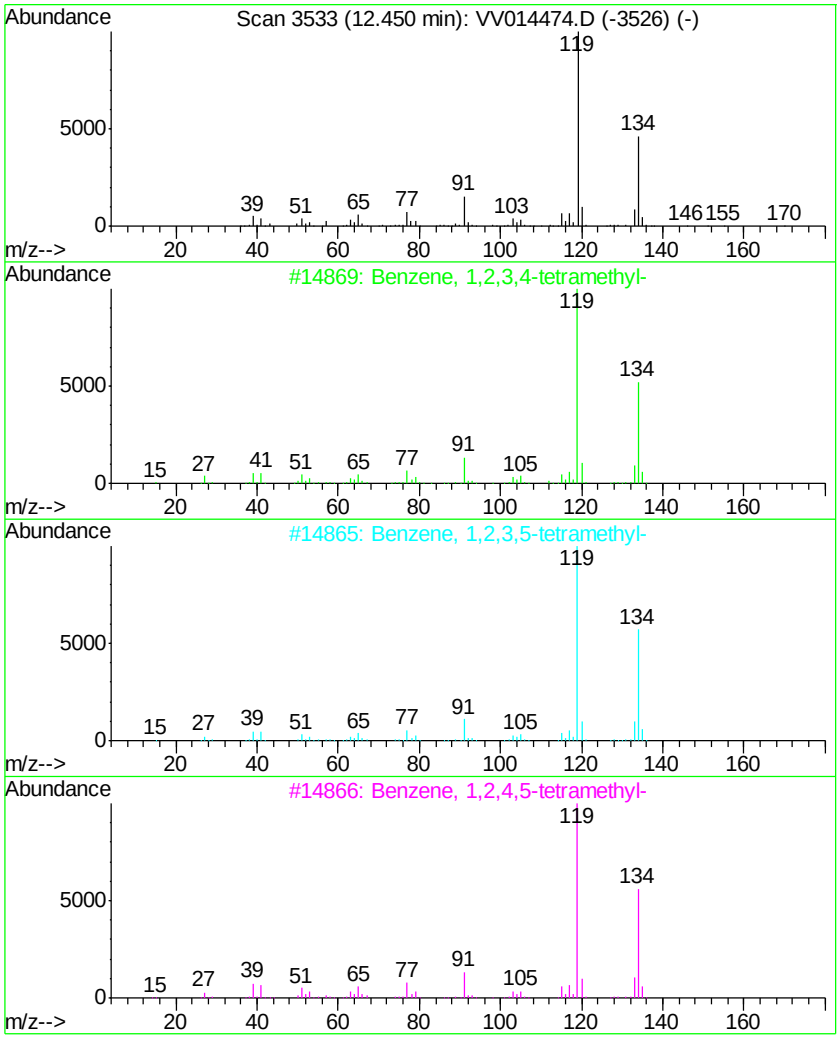
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

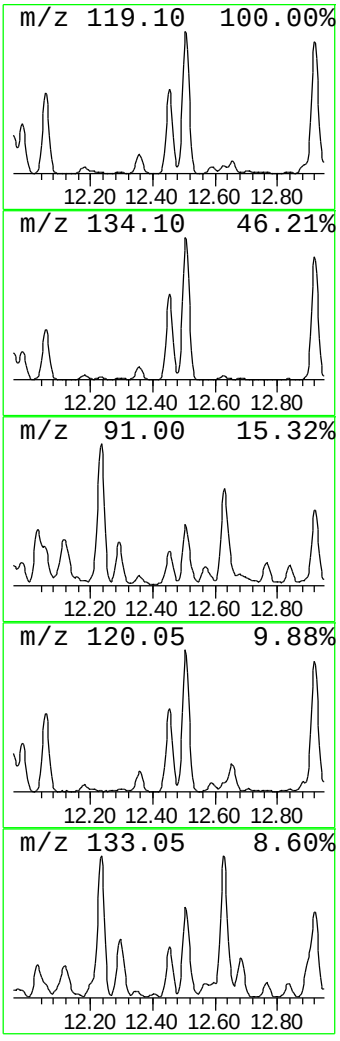
****

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	14.52 ug/L	368136	1,4-Dichlorobenzene-d4	11.29

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	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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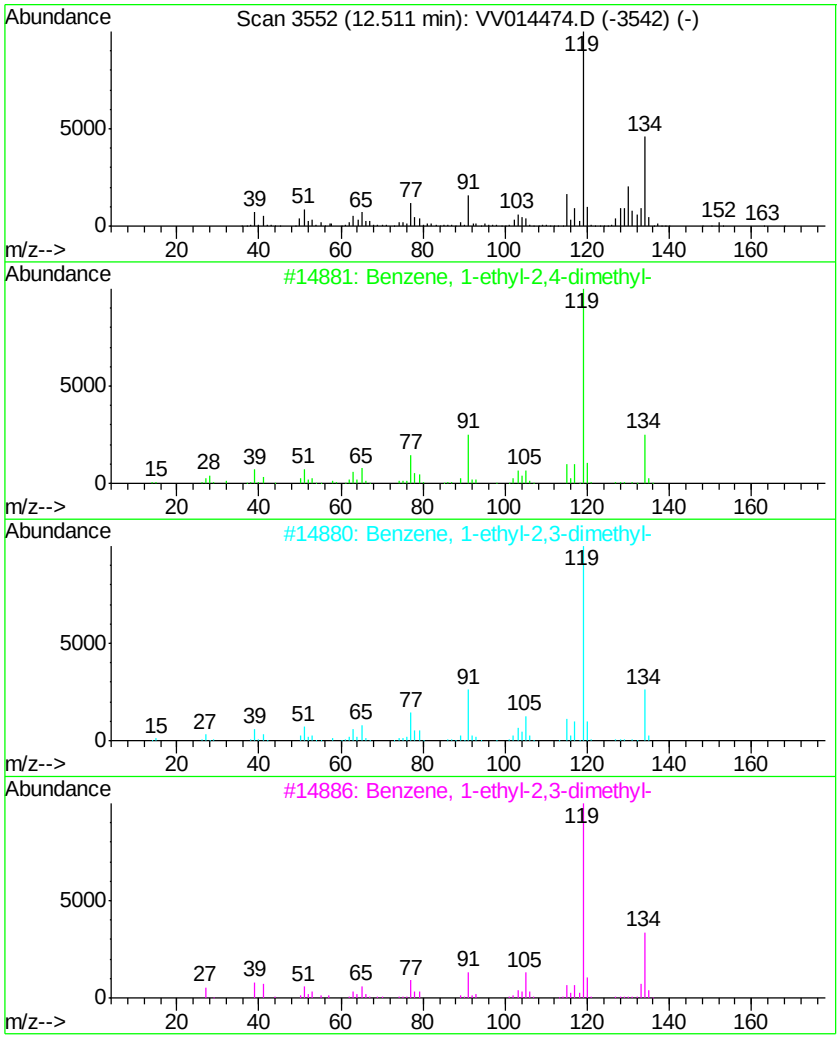
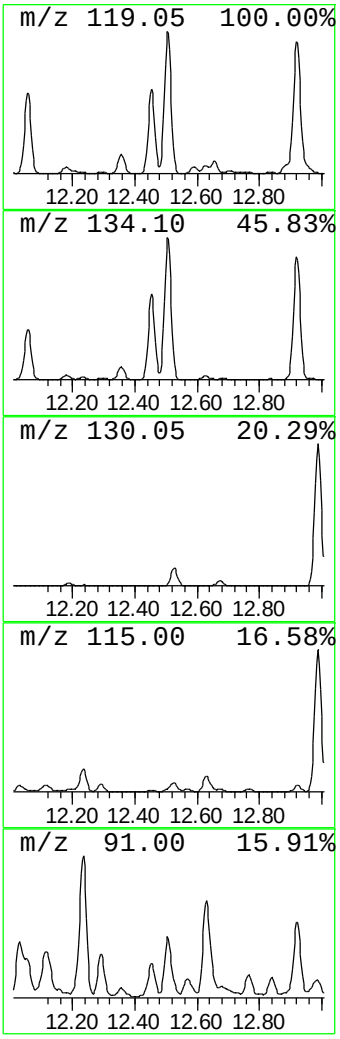
Peak Number 22 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	52.35 ug/L	1327500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76





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Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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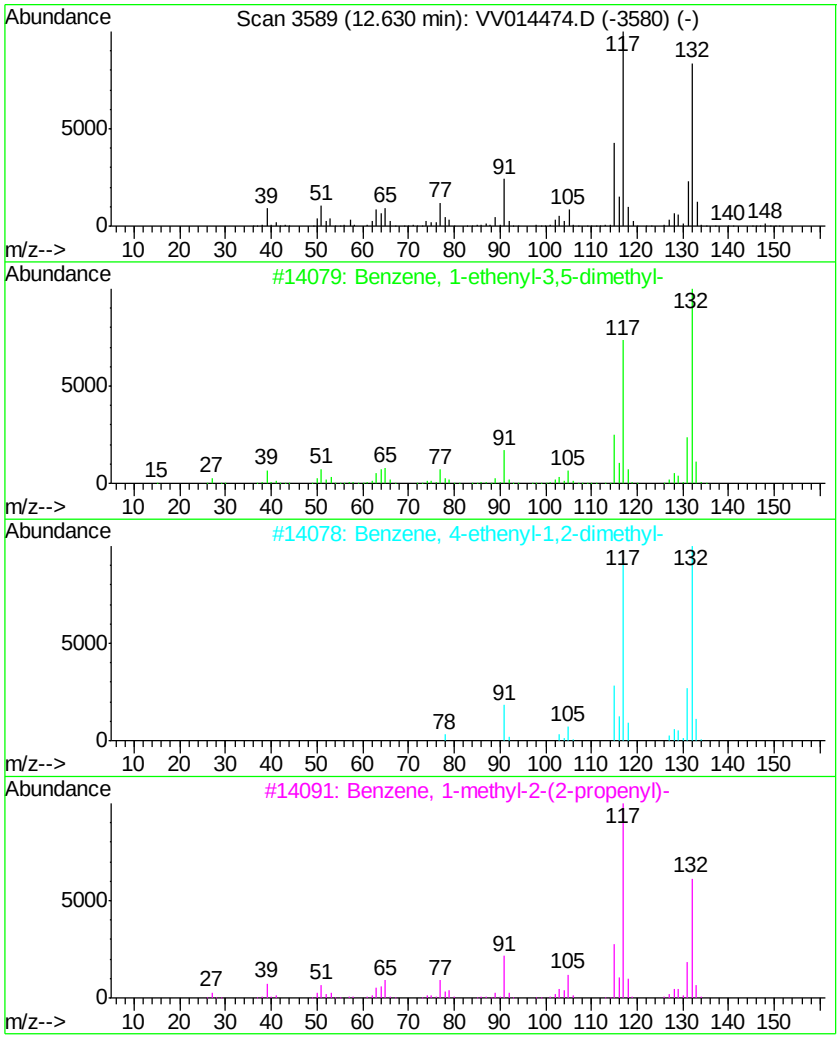
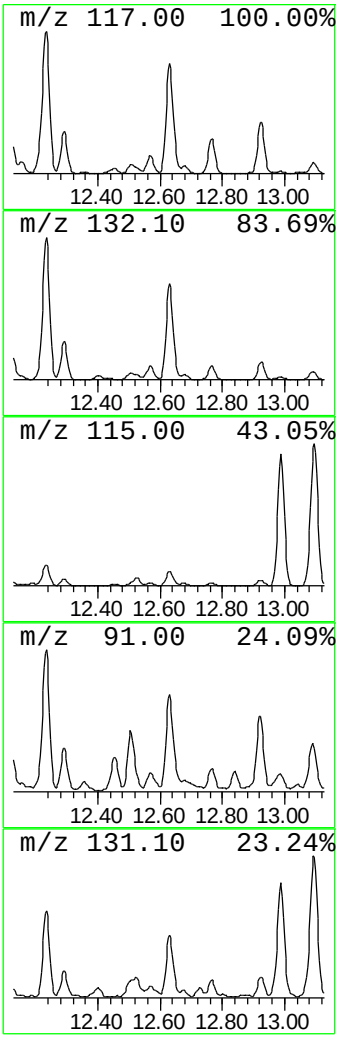
Peak Number 23 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	53.51 ug/L	1356920	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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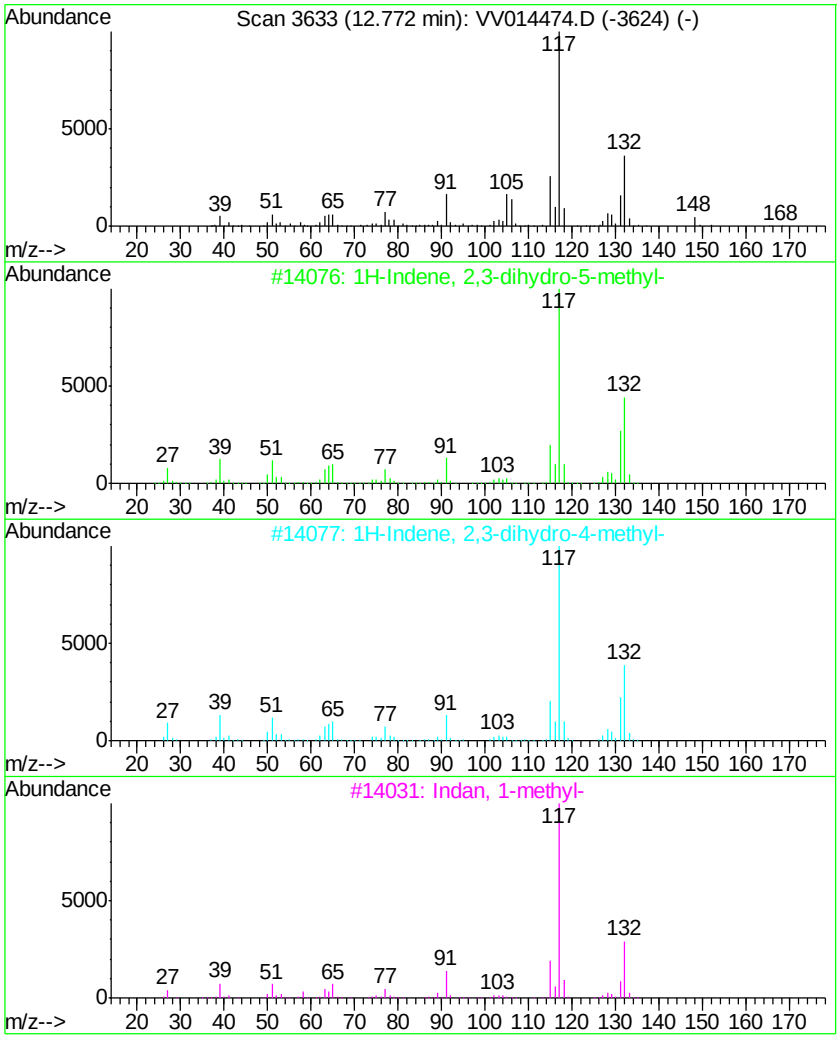
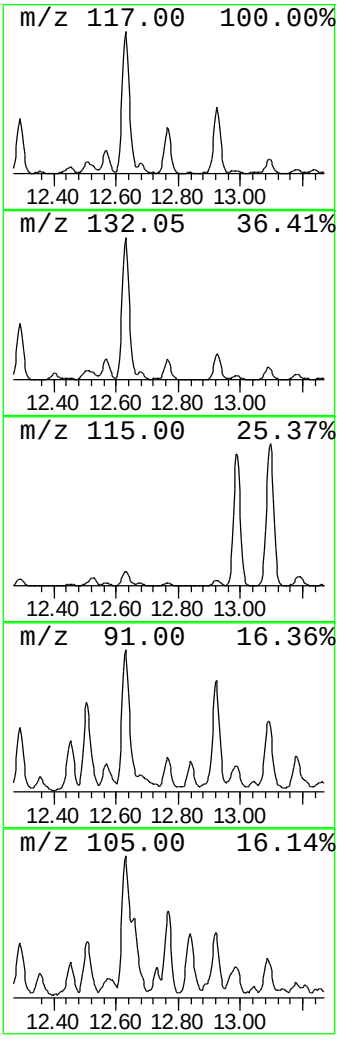
Peak Number 24 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	12.08 ug/L	306271	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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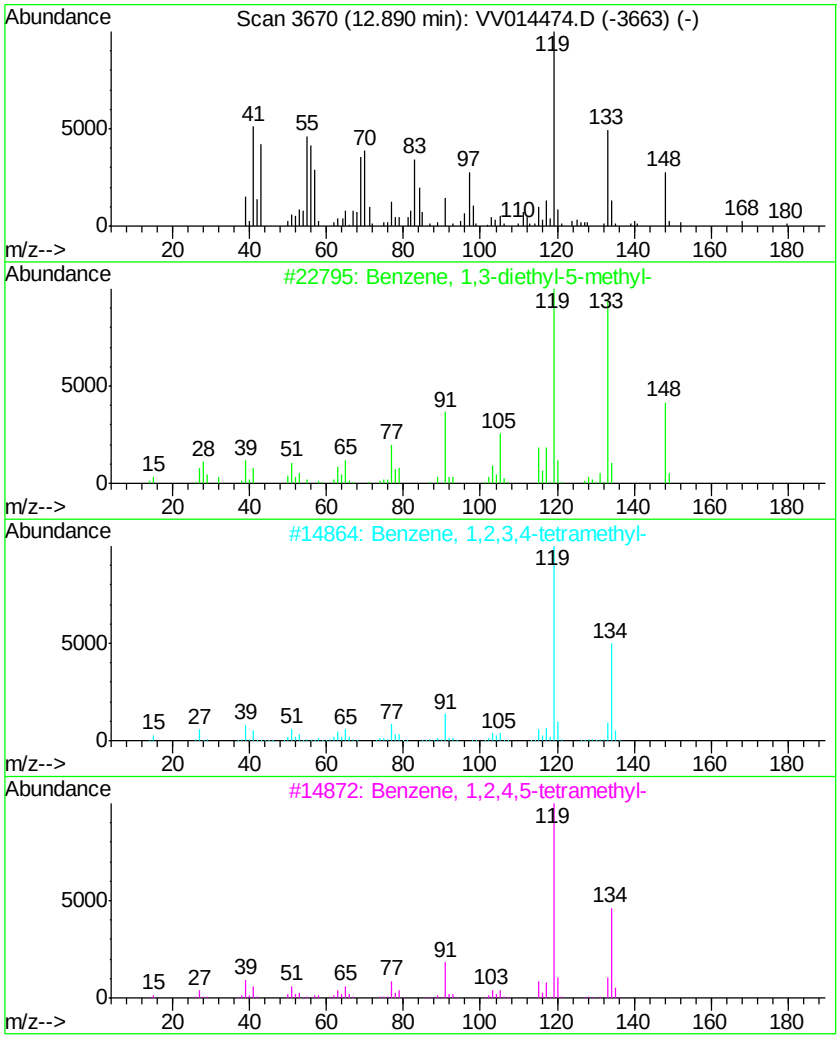
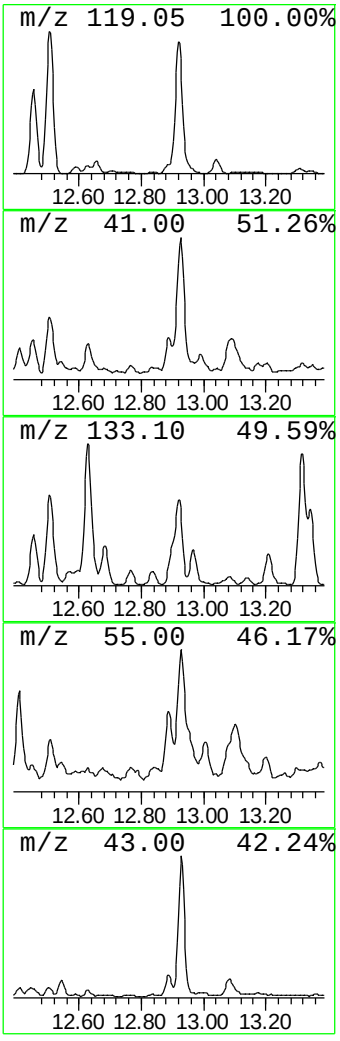
Peak Number 25 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.91 ug/L	73915	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38





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Data File : VV014474.D
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Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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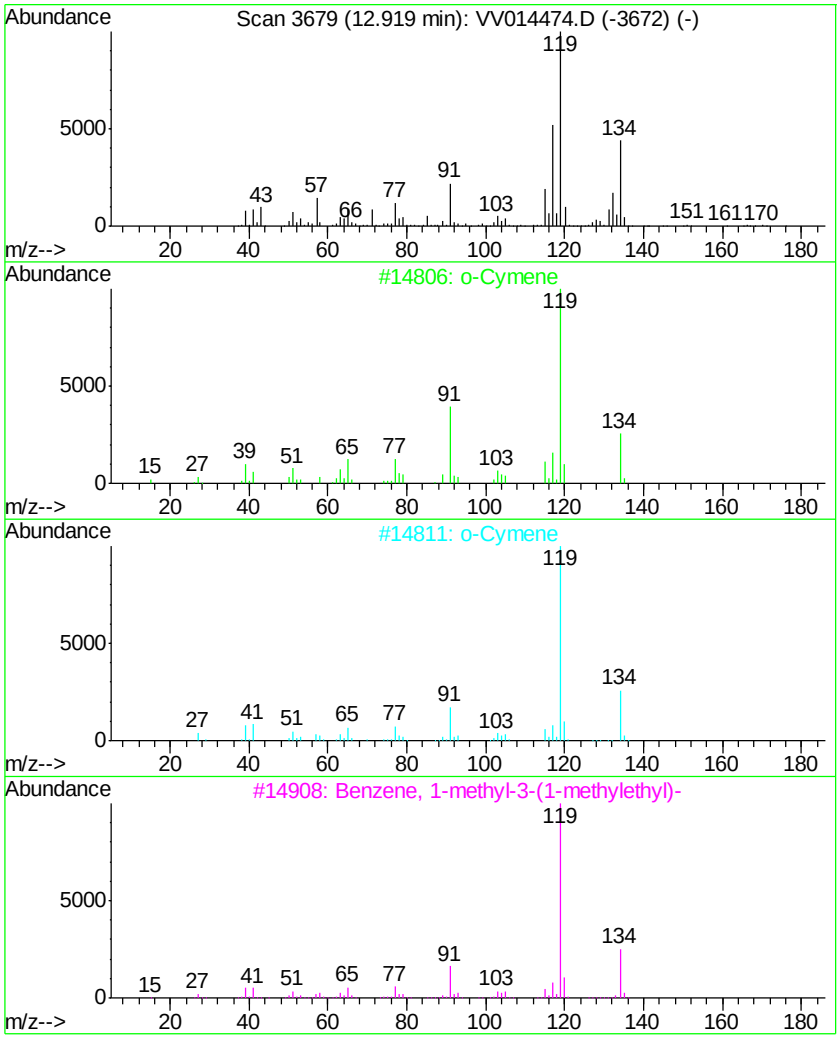
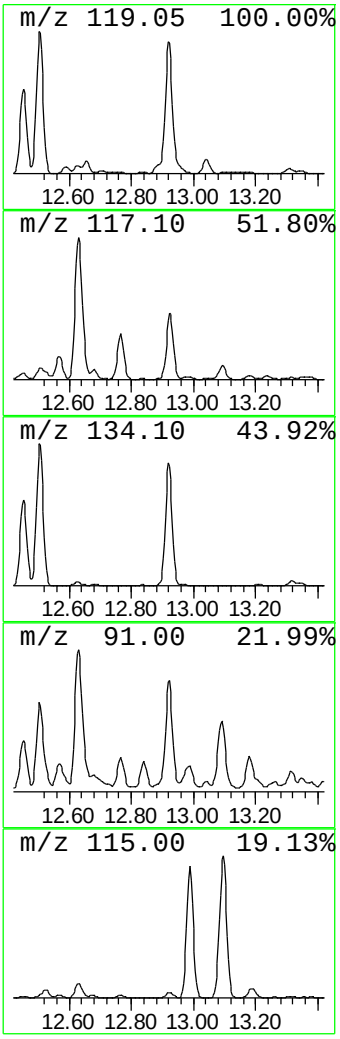
Peak Number 26 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	49.24 ug/L	1248650	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	p-Cymene	134	C10H14	000099-87-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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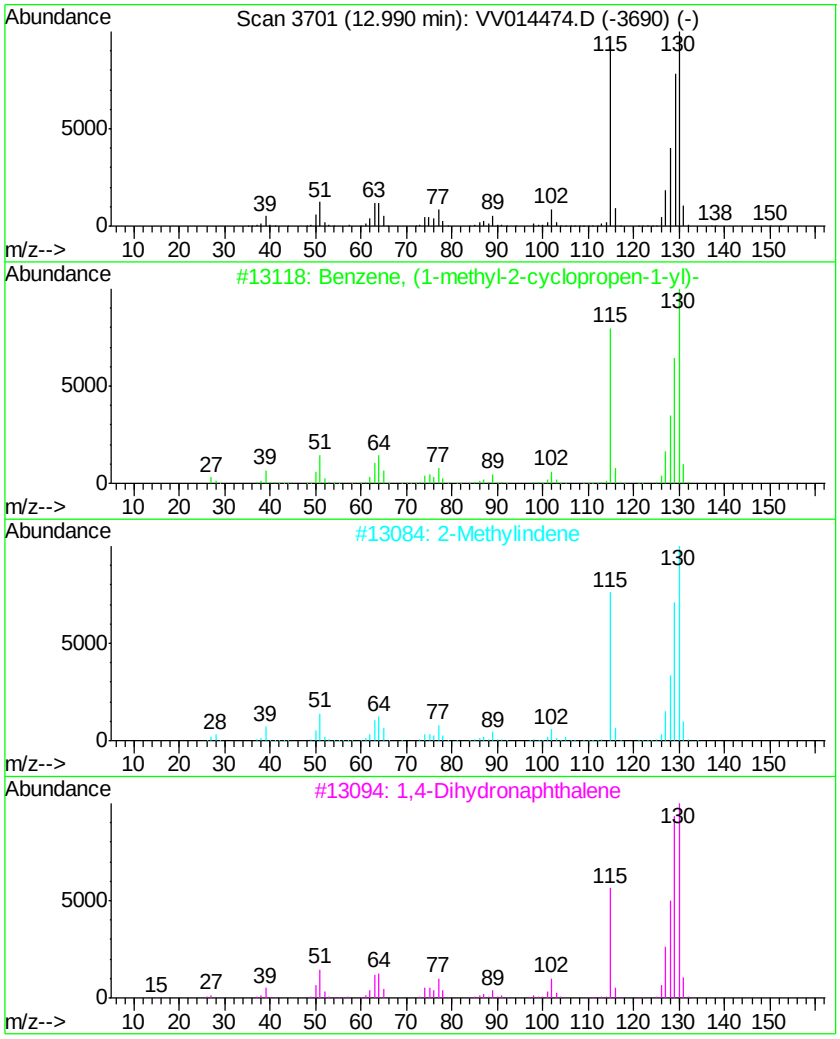
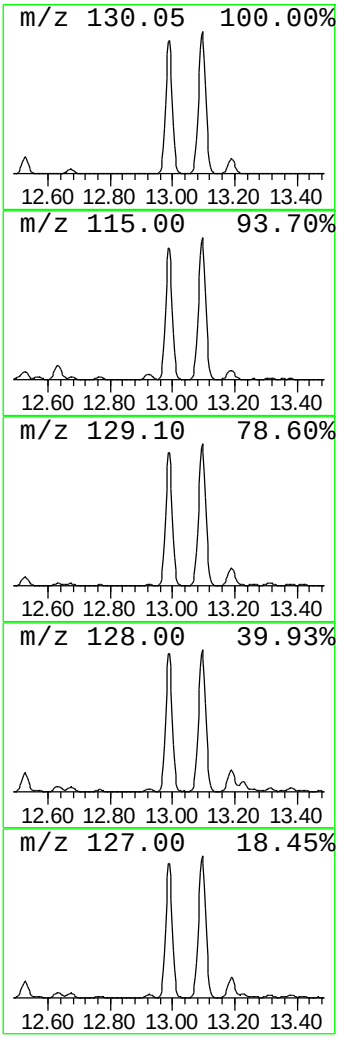
Peak Number 27 Benzene, (1-methyl-2-cyclop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	212.86 ug/L	5397500	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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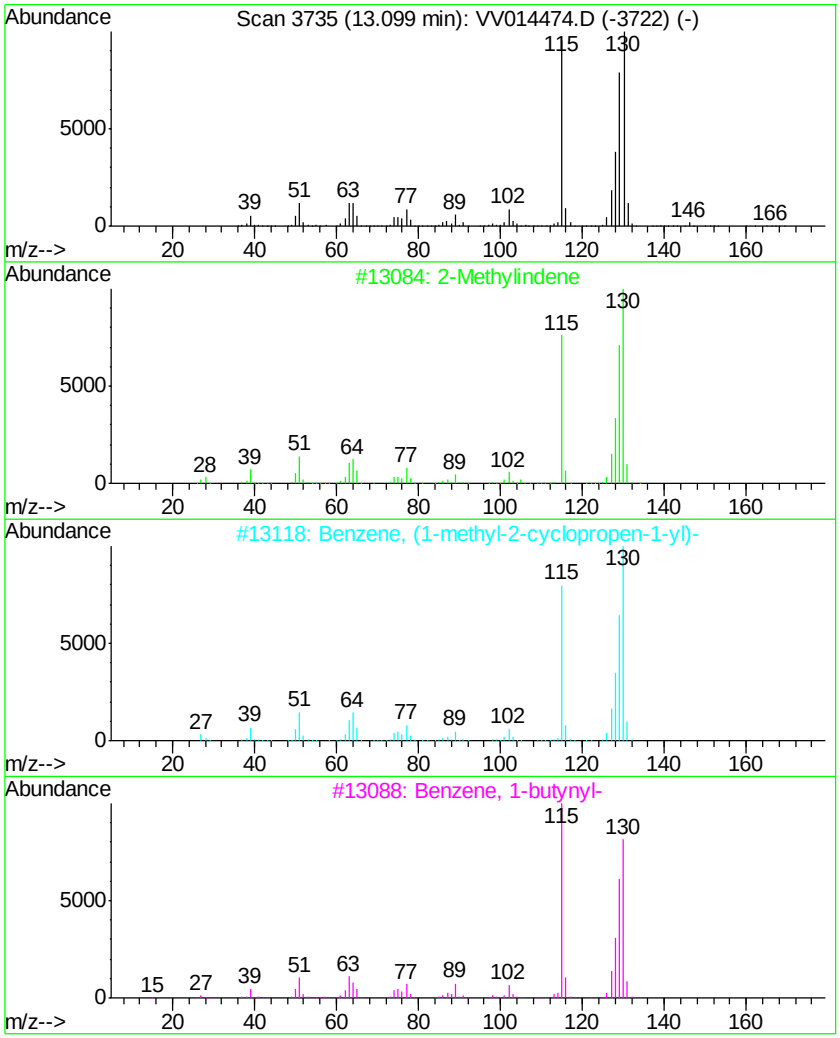
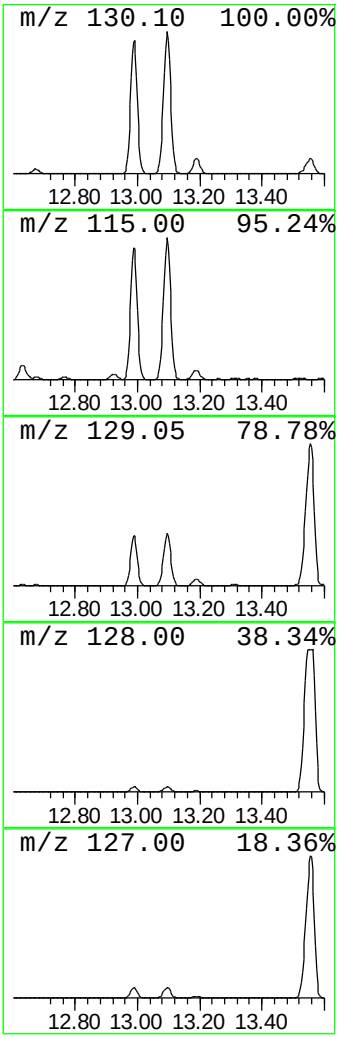
Peak Number 28 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	256.82 ug/L	6512010	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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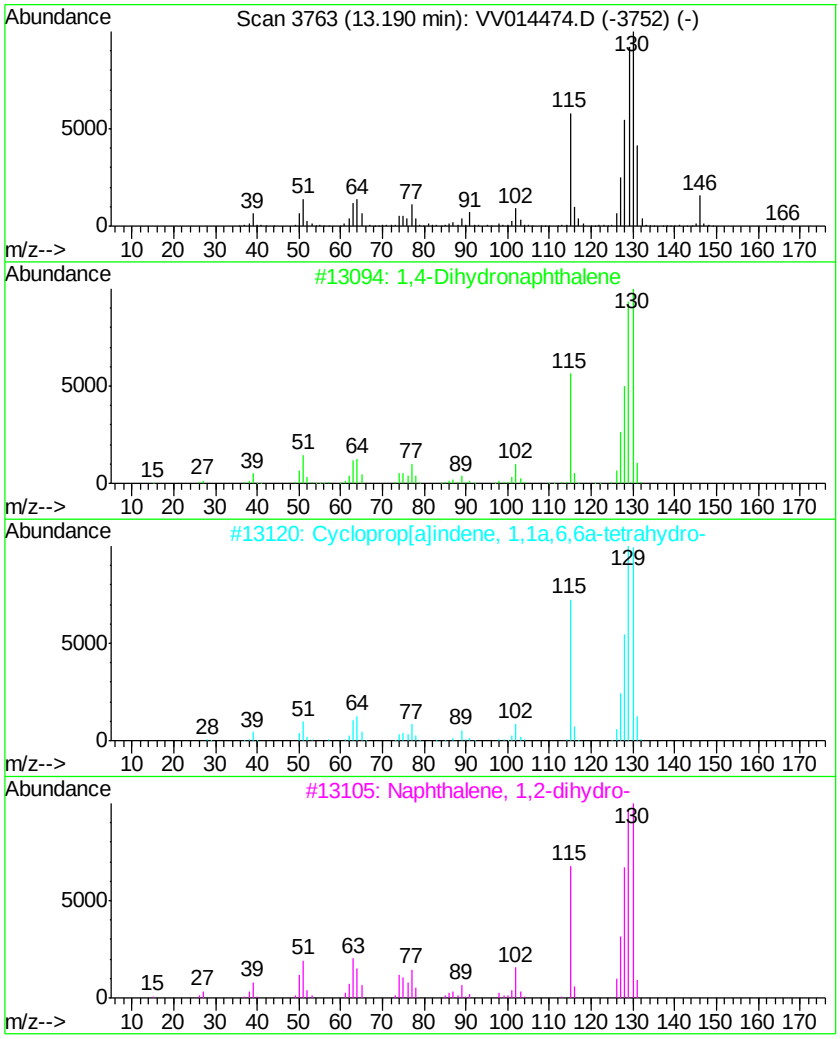
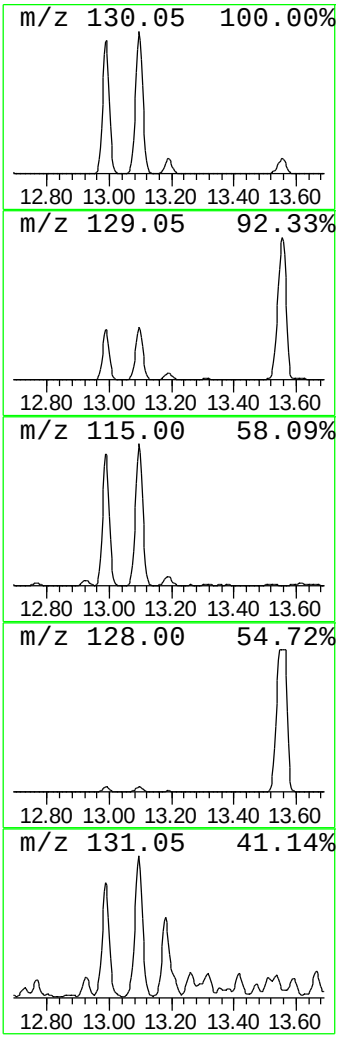
Peak Number 29 1,4-Dihydronaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	36.44 ug/L	924066	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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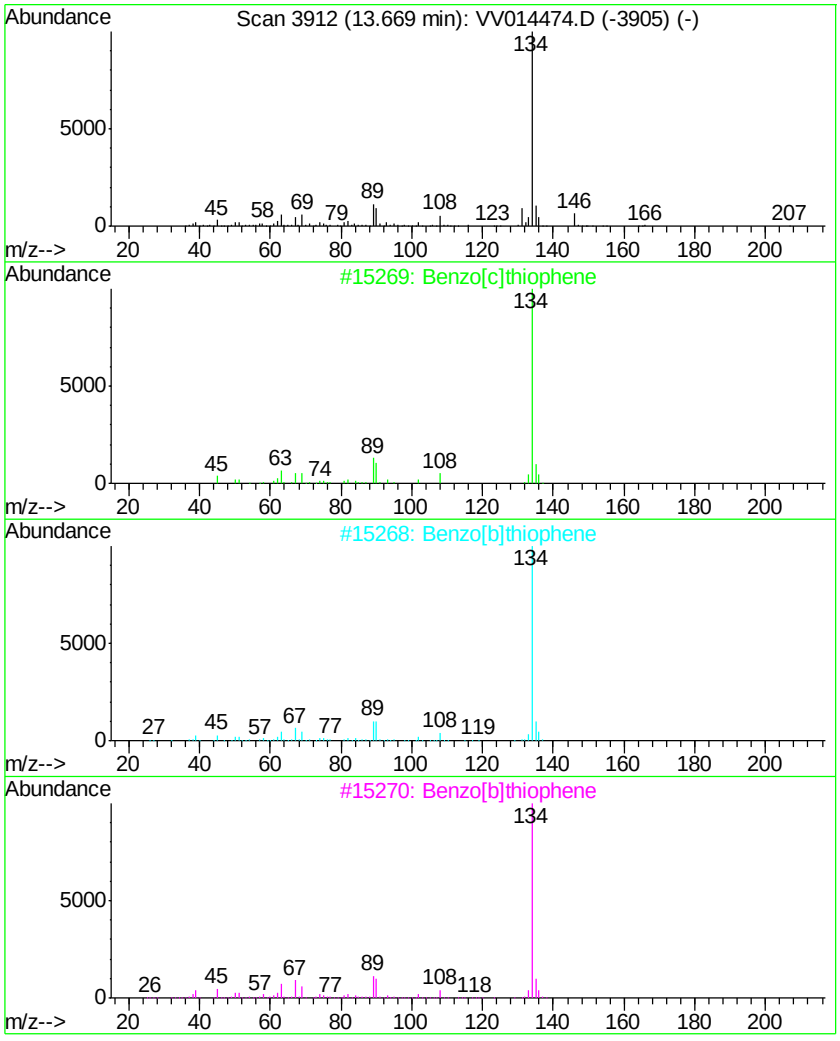
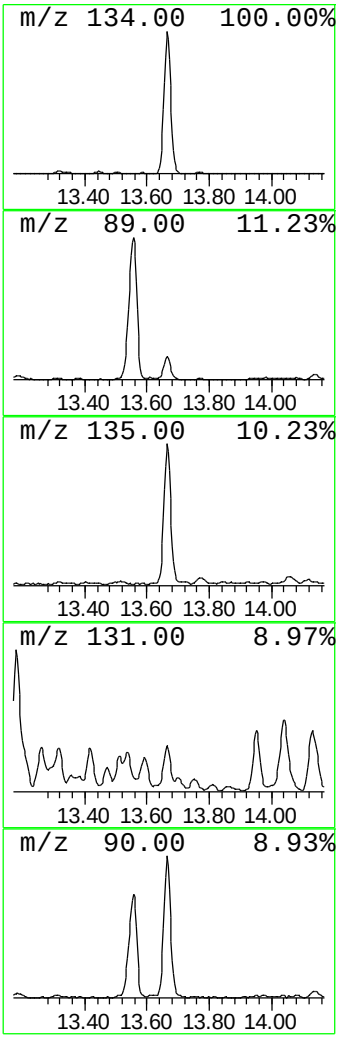
Peak Number 31 Benzo[c]thiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	28.62 ug/L	725806	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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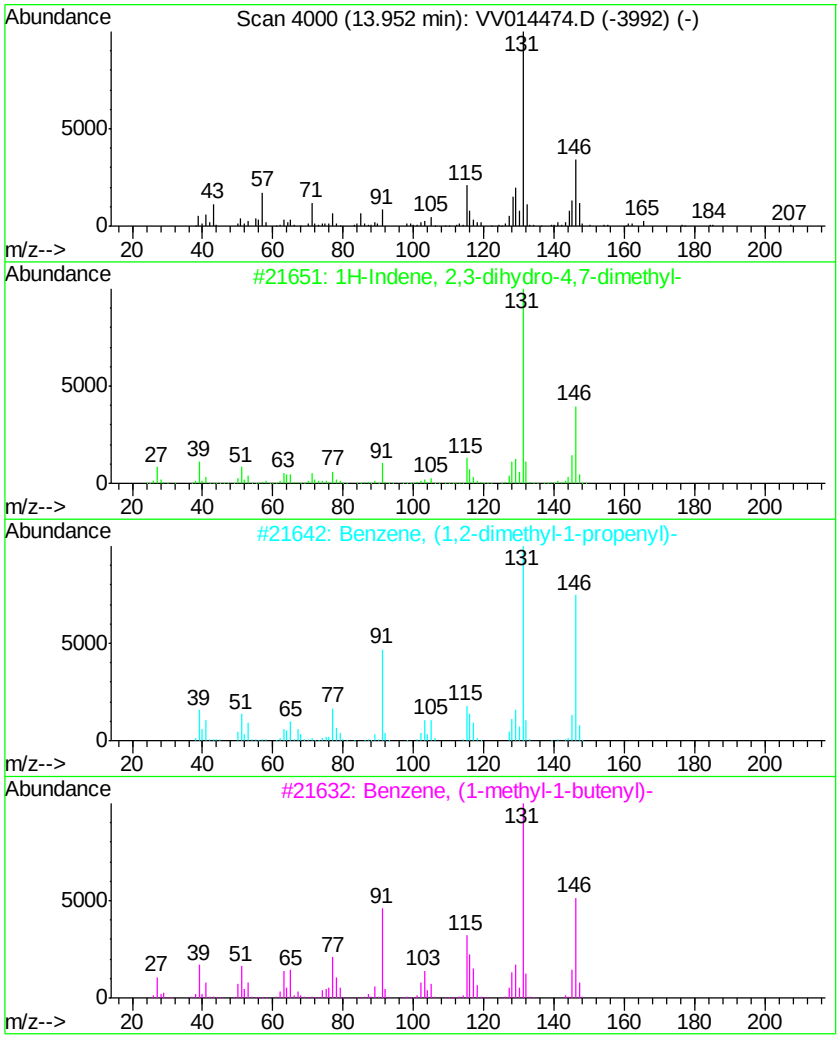
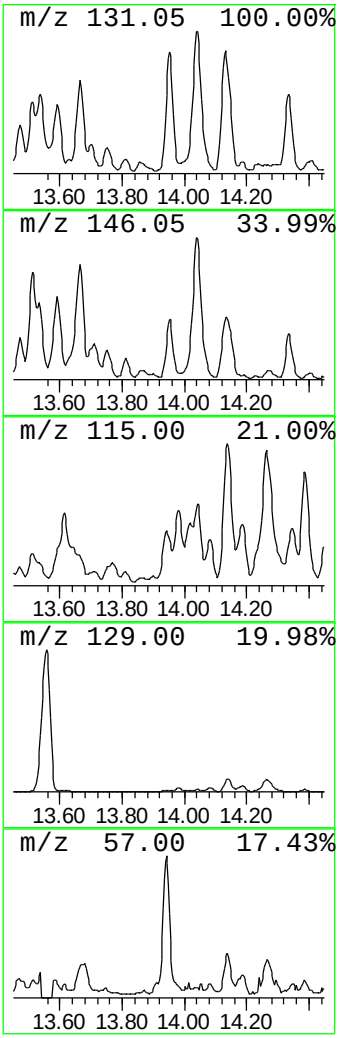
Peak Number 32 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.36 ug/L	161247	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

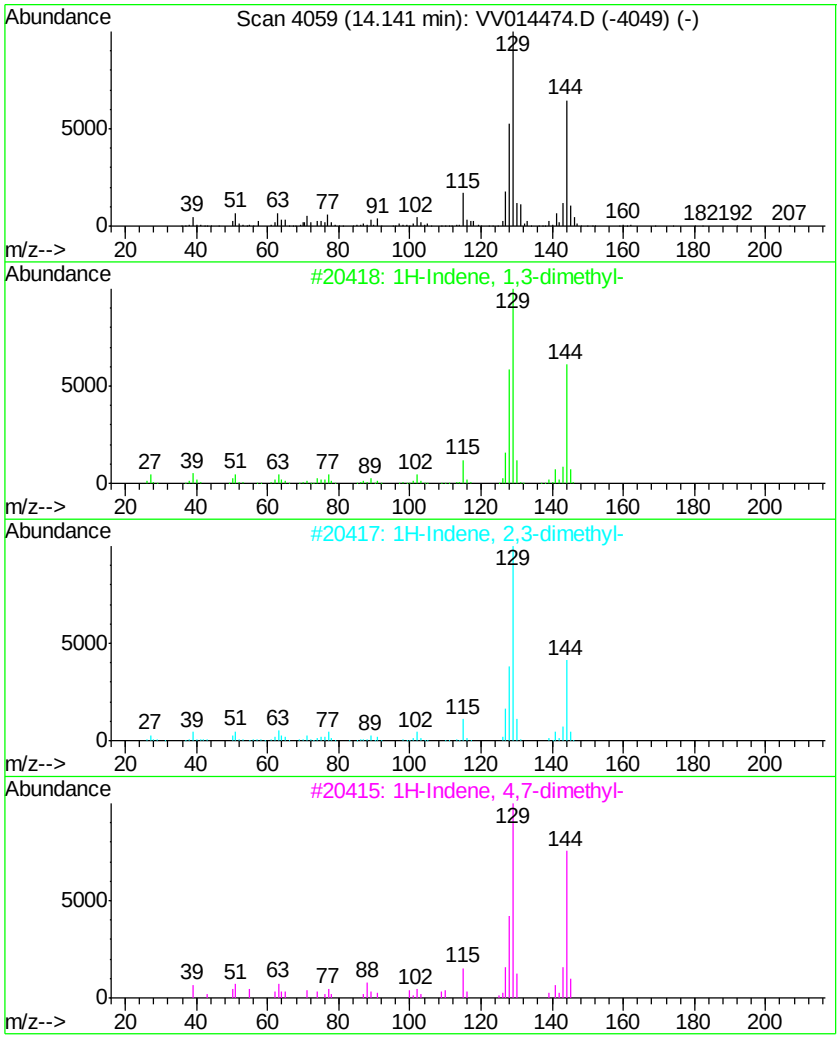
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

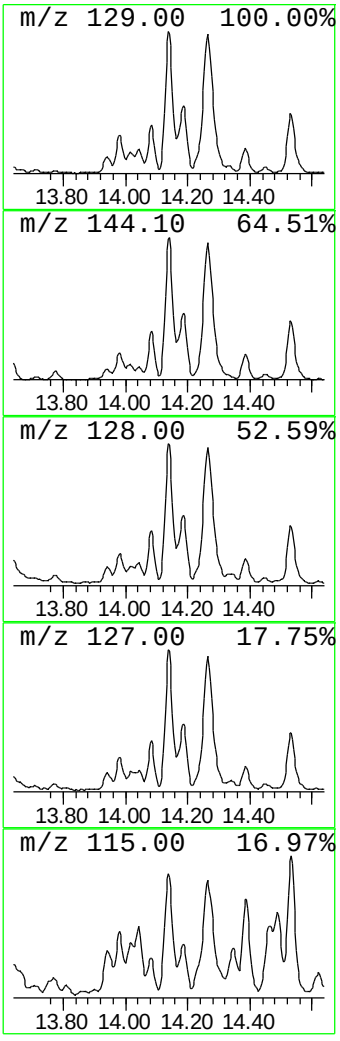
****

Peak Number 33 1H-Indene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	41.23 ug/L	1045400	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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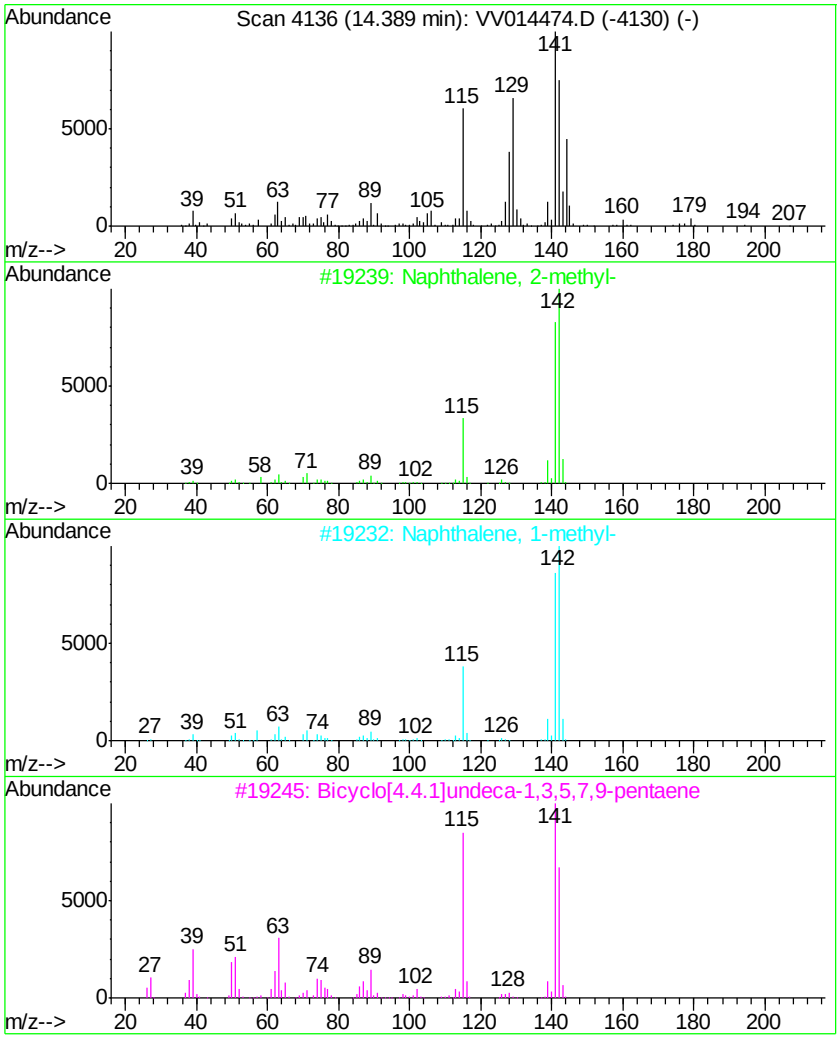
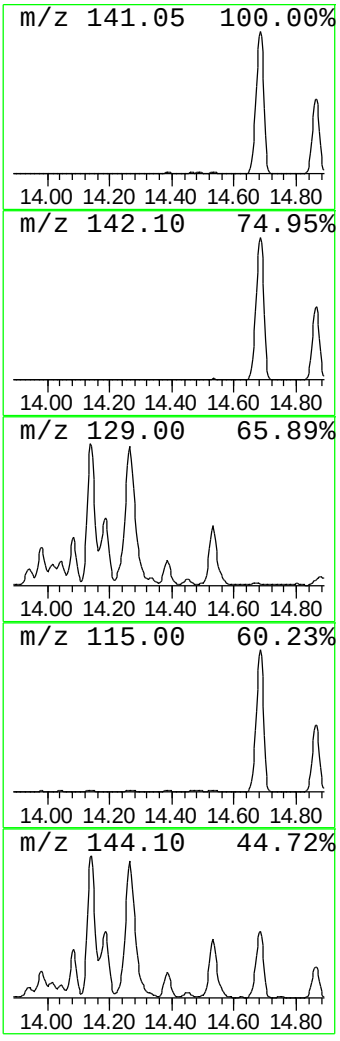
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	13.89 ug/L	352210	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	78
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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

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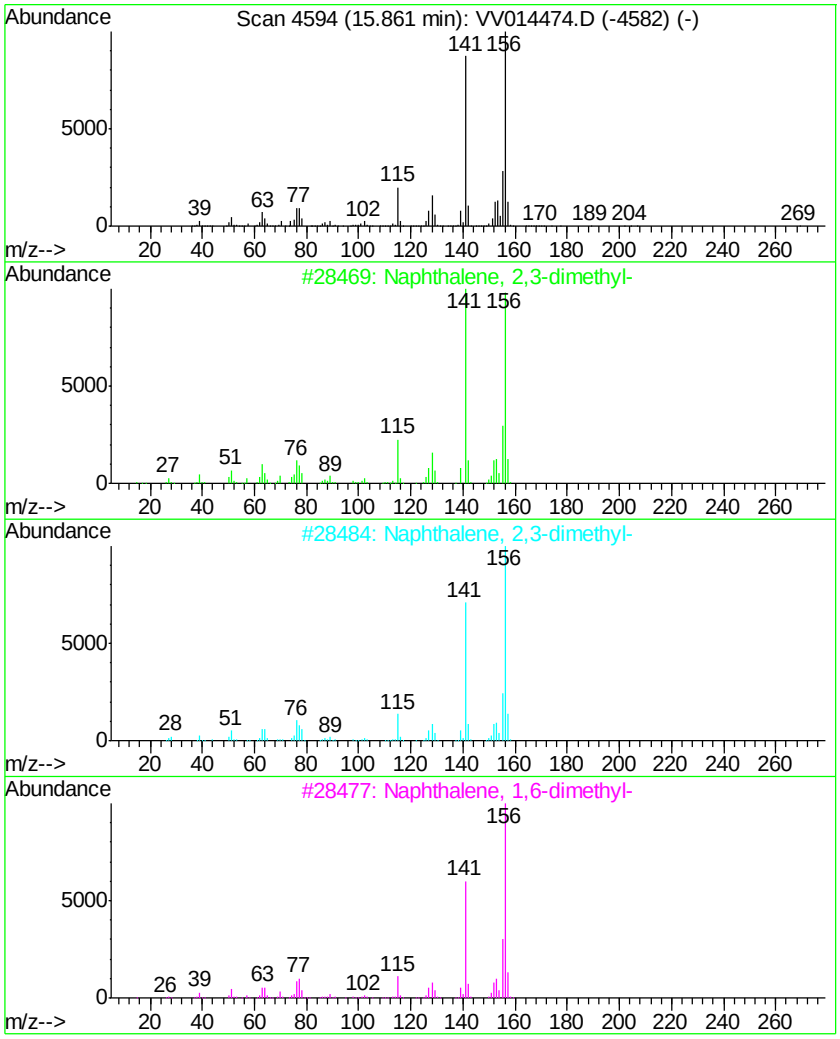
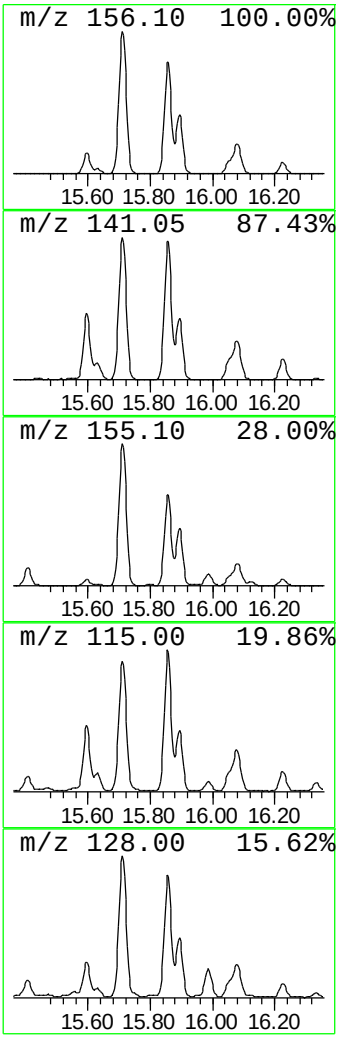
Peak Number 43 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	236.14 ug/L	5987750	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014474.D
Acq On : 01 Feb 2020 00:57
Operator : SY/MD
Sample : L1323-11 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT49

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

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, 2-propenyl-	10.32	6.0	ug/L	152911	3	11.29	1267840	50.0
Benzene, propyl-	10.39	8.0	ug/L	202152	3	11.29	1267840	50.0
Benzene, 1-ethyl-...	10.49	53.2	ug/L	1348220	3	11.29	1267840	50.0
Mesitylene	10.58	47.7	ug/L	1209830	3	11.29	1267840	50.0
.alpha.-Methylsty...	10.80	22.4	ug/L	566869	3	11.29	1267840	50.0
Benzene, 1,2,3-tr...	10.95	159.6	ug/L	4046660	3	11.29	1267840	50.0
Benzene, 1-etheny...	11.02	219.9	ug/L	5576060	3	11.29	1267840	50.0
Bicyclo[4.2.0]oct...	11.43	24.2	ug/L	614459	3	11.29	1267840	50.0
Indane	11.57	30.4	ug/L	771866	3	11.29	1267840	50.0
Benzene, 1-methyl...	11.61	7.0	ug/L	176671	3	11.29	1267840	50.0
Indene	11.79	641.3	ug/L	16260400	3	11.29	1267840	50.0
Benzene, 2-ethyl-...	11.95	7.6	ug/L	193324	3	11.29	1267840	50.0
Benzene, 1-methyl...	12.03	18.9	ug/L	478048	3	11.29	1267840	50.0
Benzene, 1-etheny...	12.11	18.9	ug/L	478340	3	11.29	1267840	50.0
Benzene, (2-methy...	12.23	69.0	ug/L	1749580	3	11.29	1267840	50.0
Benzene, 2-etheny...	12.29	20.6	ug/L	522018	3	11.29	1267840	50.0
Benzene, 1,2,3,4-...	12.45	14.5	ug/L	368136	3	11.29	1267840	50.0
Benzene, 1-ethyl-...	12.51	52.4	ug/L	1327500	3	11.29	1267840	50.0
Benzene, 1-etheny...	12.63	53.5	ug/L	1356920	3	11.29	1267840	50.0
1H-Indene, 2,3-di...	12.77	12.1	ug/L	306271	3	11.29	1267840	50.0
unknown-01	12.89	2.9	ug/L	73915	3	11.29	1267840	50.0
o-Cymene	12.92	49.2	ug/L	1248650	3	11.29	1267840	50.0
Benzene, (1-methy...	12.99	212.9	ug/L	5397500	3	11.29	1267840	50.0
2-Methylindene	13.10	256.8	ug/L	6512010	3	11.29	1267840	50.0
1,4-Dihydronaphth...	13.19	36.4	ug/L	924066	3	11.29	1267840	50.0
Benzo[c]thiophene	13.67	28.6	ug/L	725806	3	11.29	1267840	50.0
1H-Indene, 2,3-di...	13.95	6.4	ug/L	161247	3	11.29	1267840	50.0
1H-Indene, 1,3-di...	14.14	41.2	ug/L	1045400	3	11.29	1267840	50.0
Naphthalene, 1-me...	14.39	13.9	ug/L	352210	3	11.29	1267840	50.0
Naphthalene, 2,3-...	15.86	236.1	ug/L	5987750	3	11.29	1267840	50.0