LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

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\SOMVLM092920WMA.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	1.312	61	69	85	rBV	136348	164209	0.17%	0.028%
2	1.576	143	151	167	rBV	104889	167364	0.17%	0.029%
3	2.100	303	314	328	rBV	305007	463474	0.47%	0.080%
4	2.528	418	447	474	rBV	7569031	15352353	15.51%	2.663%
5	2.762	500	520	561	rBV	11948463	24379280	24.63%	4.228%
6	2.949	565	578	590	rBV3	48195	110147	0.11%	0.019%
7	3.048	590	609	634	rBV	28130372	58322496	58.92%	10.115%
8	3.158	635	643	654	rVB2	56050	102793	0.10%	0.018%
9	3.225	654	664	672	rBV2	105780	205376	0.21%	0.036%
10	3.280	673	681	697	rVB	148068	308359	0.31%	0.053%
11	3.373	697	710	725	rBV2	88511	193624	0.20%	0.034%
12	3.463	726	738	748	rBV2	54513	114642	0.12%	0.020%
13	3.547	748	764	790	rBV2	556429	1814977	1.83%	0.315%
14	3.679	790	805	817	rBV	356706	873104	0.88%	0.151%
15	3.775	817	835	855	rVV	6960852	17440307	17.62%	3.025%
16	3.929	875	883	938	rVB2	52636	243569	0.25%	0.042%
17	4.373	1005	1021	1044	rBV	215839	619776	0.63%	0.107%
18	4.691	1100	1120	1139	rBV2	614989	1547458	1.56%	0.268%
19	4.923	1176	1192	1219	rVB4	39335	102475	0.10%	0.018%
20	5.068	1219	1237	1268	rBV2	579944	1501599	1.52%	0.260%
21	5.508	1361	1374	1393	rVB3	44309	91925	0.09%	0.016%
22	5.637	1402	1414	1451	rBV	329199	740545	0.75%	0.128%
23	6.093	1542	1556	1585	rVV	300995	749305	0.76%	0.130%
24	6.672	1716	1736	1754	rBV	80228	173777	0.18%	0.030%
25	6.794	1758	1774	1786	rBV	123958	257461	0.26%	0.045%
26	6.936	1808	1818	1826	rBV2	47114	78399	0.08%	0.014%
27	7.010	1831	1841	1861	rVV	167805	384555	0.39%	0.067%
28	7.100	1861	1869	1887	rVB2	38697	76393	0.08%	0.013%
29	7.280	1910	1925	1933	rBV3	250262	466001	0.47%	0.081%
30	7.338	1933	1943	1960	rVV	676054	1299116	1.31%	0.225%
31	7.585	2010	2020	2030	rBV	103015	156941	0.16%	0.027%
32	7.646	2030	2039	2069	rVB2	111069	323873	0.33%	0.056%
33	7.897	2101	2117	2135	rVB2	49467	99731	0.10%	0.017%
34	8.148	2167	2195	2212	rBV3	195653	733587	0.74%	0.127%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	8.685	2354	2362	2375	rVB3	46189	77590	0.08%	0.013%
36	8.878	2409	2422	2444	rBV	493606	1035193	1.05%	0.180%
37	9.035	2459	2471	2491	rBV	819656	1406072	1.42%	0.244%
38	9.161	2493	2510	2523	rVV	3928366	6978513	7.05%	1.210%
39	9.222	2523	2529	2553	rVB3	200077	403911	0.41%	0.070%
40	9.495	2584	2614	2622	rBV2	106211	233105	0.24%	0.040%
41	9.566	2625	2636	2657	rVB	1014556	1848173	1.87%	0.321%
42	9.730	2681	2687	2696	rVB2	105764	159351	0.16%	0.028%
43	9.820	2696	2715	2724	rBV6	87556	201619	0.20%	0.035%
44	9.868	2725	2730	2741	rVB3	47442	77824	0.08%	0.013%
45	9.955	2741	2757	2775	rBV	3045823	5266240	5.32%	0.913%
46	10.039	2775	2783	2791	rVV3	98174	149424	0.15%	0.026%
47	10.106	2792	2804	2808	rVV3	90735	165606	0.17%	0.029%
48	10.145	2808	2816	2828	rVB2	418541	713705	0.72%	0.124%
49	10.254	2828	2850	2864	rBV2	524330	1135124	1.15%	0.197%
50	10.383	2873	2890	2905	rVB	12911048	22584148	22.82%	3.917%
51	10.485	2905	2922	2938	rBV2	38015733	98978699	100.00%	17.166%
52	10.572	2938	2949	2978	rVB	24596410	39916937	40.33%	6.923%
53	10.765	2991	3009	3028	rVB	17627770	28649595	28.95%	4.969%
54	10.862	3032	3039	3045	rBV2	56904	76524	0.08%	0.013%
55	10.955	3045	3068	3089	rVB2	53608185	98766499	99.79%	17.129%
56	11.080	3091	3107	3112	rBV2	559285	997284	1.01%	0.173%
57	11.116	3113	3118	3127	rVB	587959	844899	0.85%	0.147%
58	11.170	3127	3135	3142	rBV3	262305	420020	0.42%	0.073%
59	11.219	3142	3150	3159	rVB	1012440	1452433	1.47%	0.252%
60	11.273	3159	3167	3177	rBV3	893437	1402229	1.42%	0.243%
61	11.363	3183	3195	3216	rVV	15588823	24258315	24.51%	4.207%
62	11.447	3217	3221	3226	rVV3	64567	74548	0.08%	0.013%
63	11.485	3227	3233	3242	rVB2	194644	283396	0.29%	0.049%
64	11.556	3242	3255	3263	rBV2	4453487	8817278	8.91%	1.529%
65	11.598	3263	3268	3276	rVV	4033262	5892564	5.95%	1.022%
66	11.665	3276	3289	3305	rVB3	6675888	14321422	14.47%	2.484%
67	11.772	3313	3322	3327	rBV	328749	499189	0.50%	0.087%
68	11.810	3327	3334	3338	rVV	709555	910796	0.92%	0.158%
69	11.842	3338	3344	3362	rVB	1635292	2545400	2.57%	0.441%
70	11.936	3362	3373	3378	rBV	3554786	5622423	5.68%	0.975%
71	11.964	3378	3382	3393	rVB	3673450	4932522	4.98%	0.855%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	12.042	3394	3406	3427	rVB	6897519	10485219	10.59%	1.818%
73	12.145	3428	3438	3439	rBV	472901	540314	0.55%	0.094%
74	12.280	3467	3480	3489	rBV6	284098	593580	0.60%	0.103%
75	12.341	3489	3499	3509	rVB	1672883	2471532	2.50%	0.429%
76	12.437	3509	3529	3537	rBV	4360463	6825067	6.90%	1.184%
77	12.492	3537	3546	3562	rVB	6525427	9692731	9.79%	1.681%
78	12.572	3562	3571	3577	rBV	482582	722100	0.73%	0.125%
79	12.611	3577	3583	3587	rVV	365042	489913	0.49%	0.085%
80	12.636	3587	3591	3599	rVB	486832	608083	0.61%	0.105%
81	12.749	3615	3626	3638	rVB	2142877	3217535	3.25%	0.558%
82	12.817	3638	3647	3655	rBV2	337814	495967	0.50%	0.086%
83	12.907	3655	3675	3703	rVB2	4683597	9480670	9.58%	1.644%
84	13.022	3703	3711	3720	rBV	764366	1084136	1.10%	0.188%
85	13.074	3720	3727	3736	rVB7	139547	249946	0.25%	0.043%
86	13.190	3753	3763	3772	rBV	195702	327520	0.33%	0.057%
87	13.238	3772	3778	3783	rBV2	76436	96461	0.10%	0.017%
88	13.286	3783	3793	3802	rBV2	3241203	5373426	5.43%	0.932%
89	13.424	3828	3836	3847	rVB	566961	823641	0.83%	0.143%
90	13.527	3848	3868	3878	rBV	4289108	6853206	6.92%	1.189%
91	13.640	3892	3903	3908	rBV7	45257	99779	0.10%	0.017%
92	13.768	3924	3943	3958	rBV4	813187	1792364	1.81%	0.311%
93	13.932	3984	3994	4009	rVB	383681	631566	0.64%	0.110%
94	14.116	4041	4051	4067	rBV4	194070	446275	0.45%	0.077%
95	14.257	4086	4095	4105	rBV	182211	281453	0.28%	0.049%
96	14.315	4106	4113	4126	rVB2	98308	171561	0.17%	0.030%
97	14.656	4208	4219	4231	rBV	356140	573293	0.58%	0.099%
98	14.842	4268	4277	4292	rVV3	124108	250787	0.25%	0.043%
99	15.694	4529	4542	4553	rBV2	52352	106181	0.11%	0.018%
100	15.836	4579	4586	4593	rBV	46947	71629	0.07%	0.012%

Sum of corrected areas: 576613496

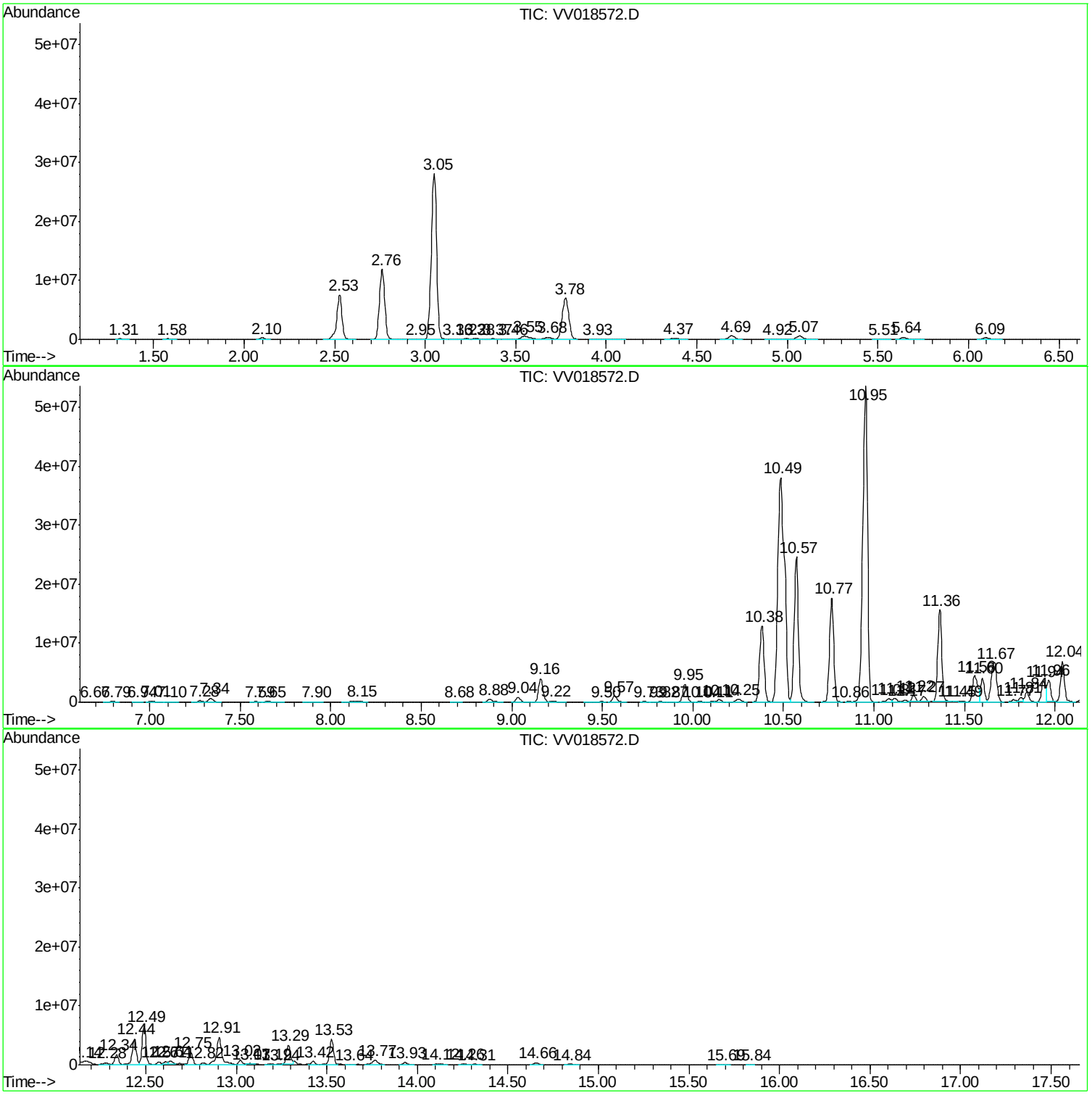
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

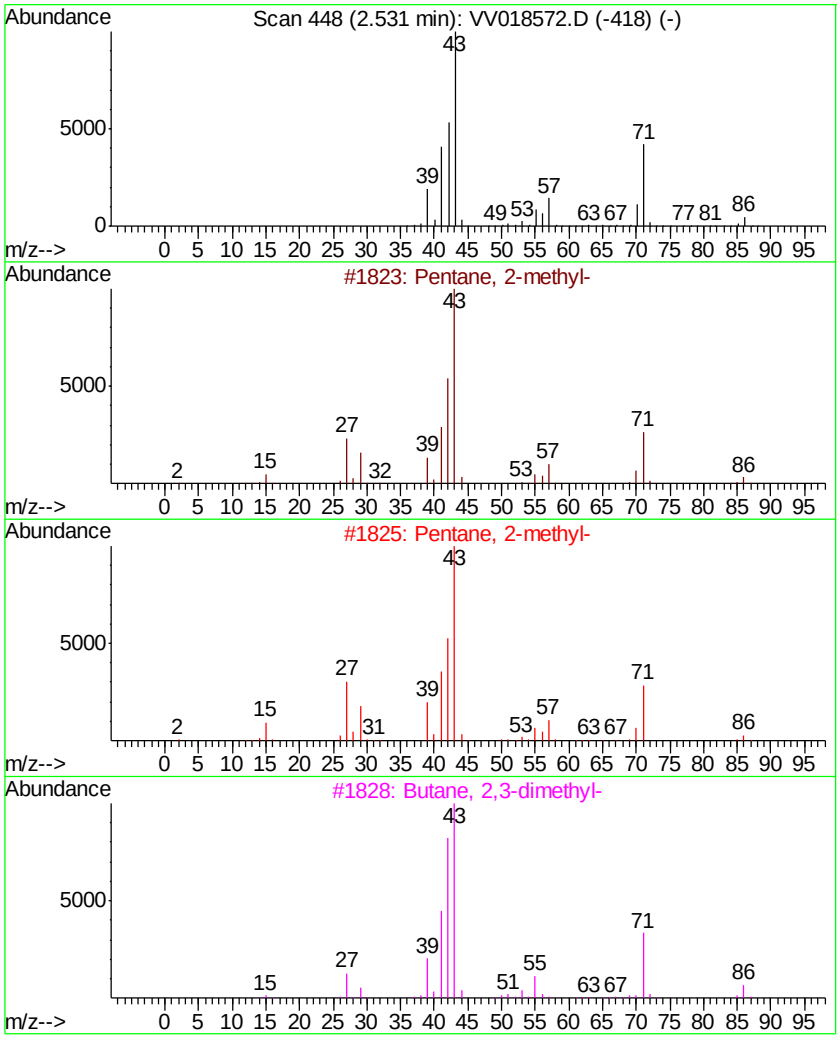
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

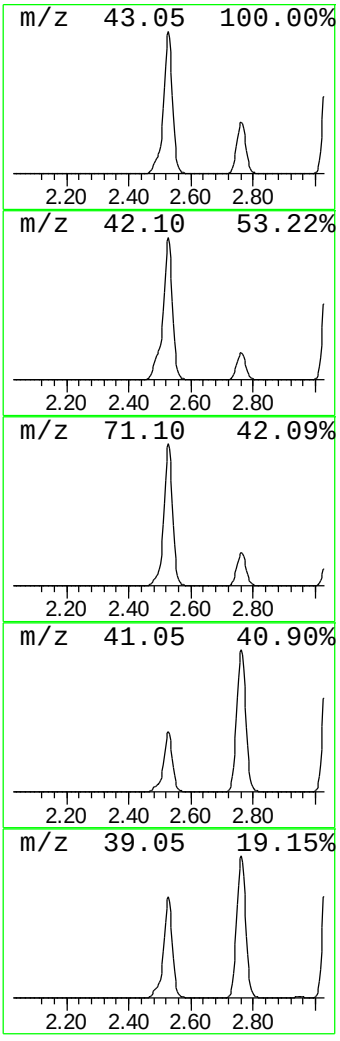
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	1036.56 ug/L	15352400	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5	Pentane	72	C5H12	000109-66-0	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

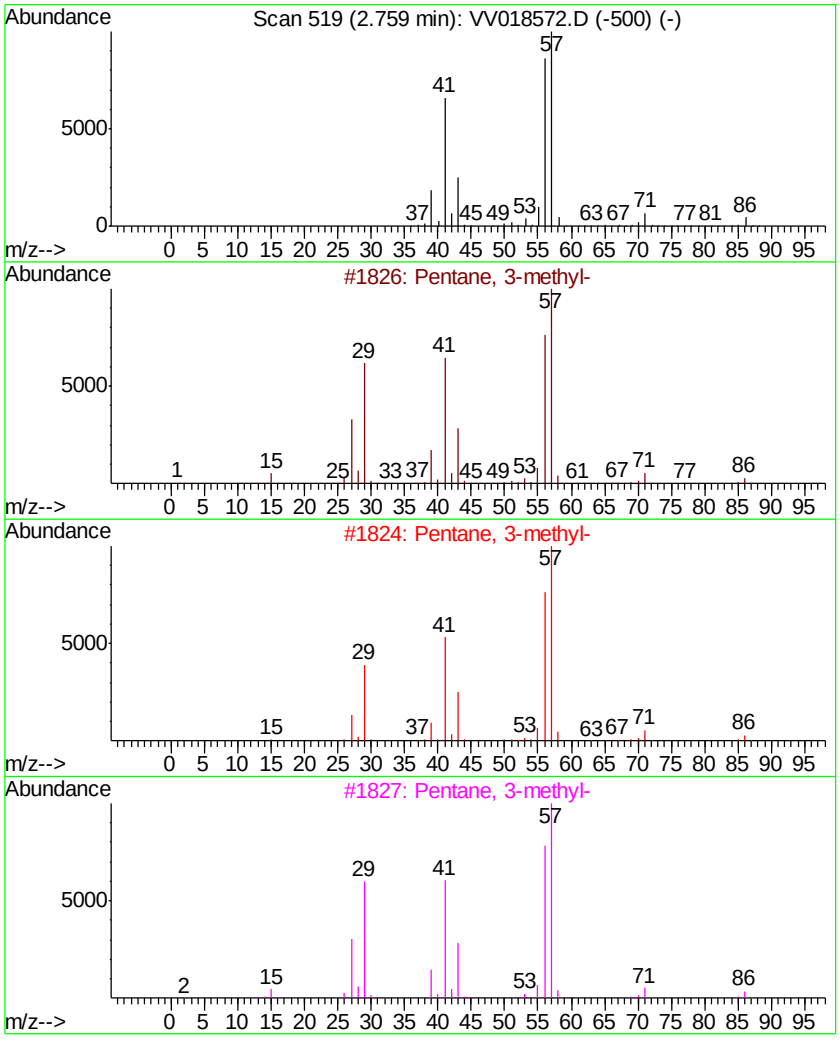
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

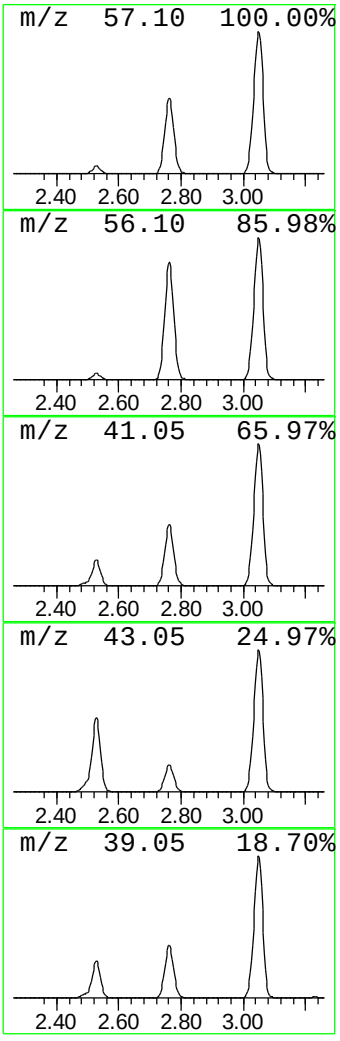
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	1646.04 ug/L	24379300	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

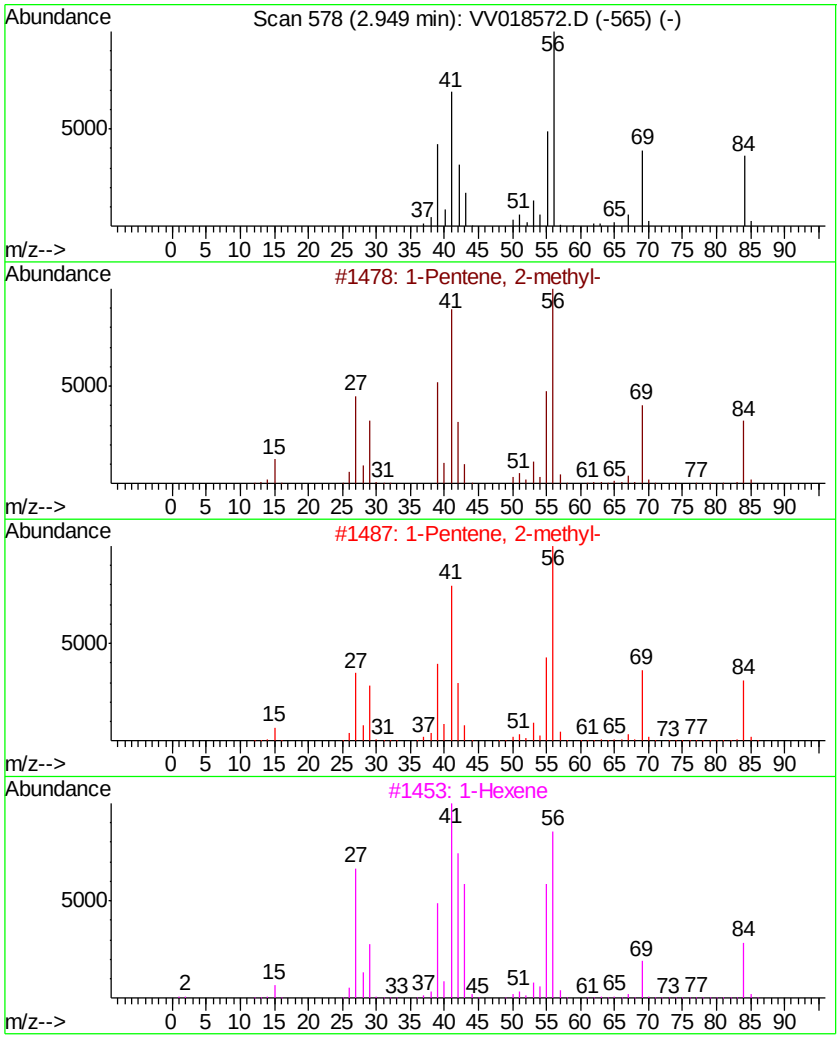
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

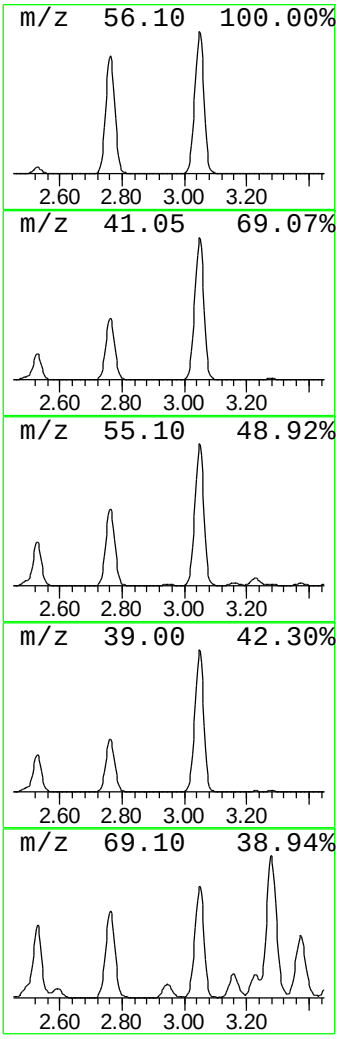
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	7.44 ug/L	110147	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
3	1-Hexene	84	C6H12	000592-41-6	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

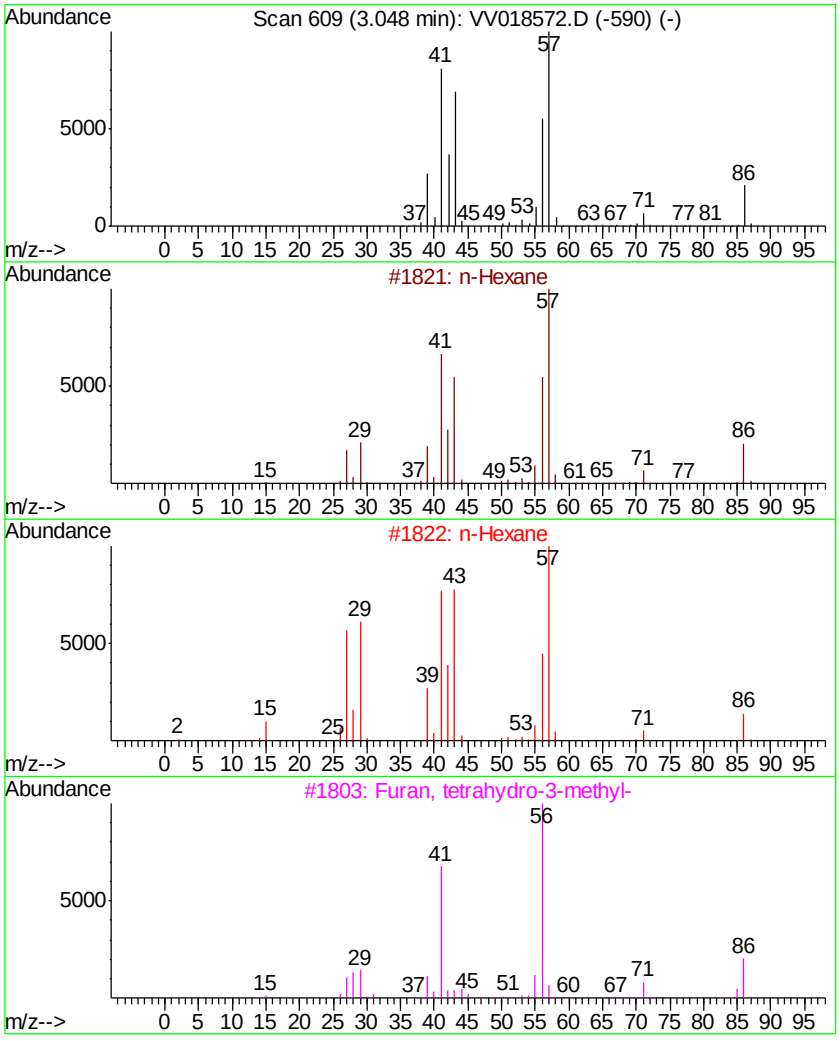
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

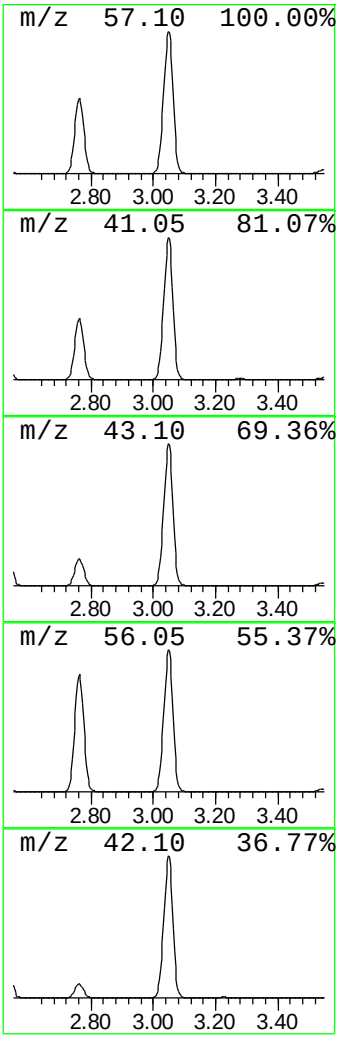
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	3937.81 ug/L	58322500	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
4	n-Hexane	86	C6H14	000110-54-3	50
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

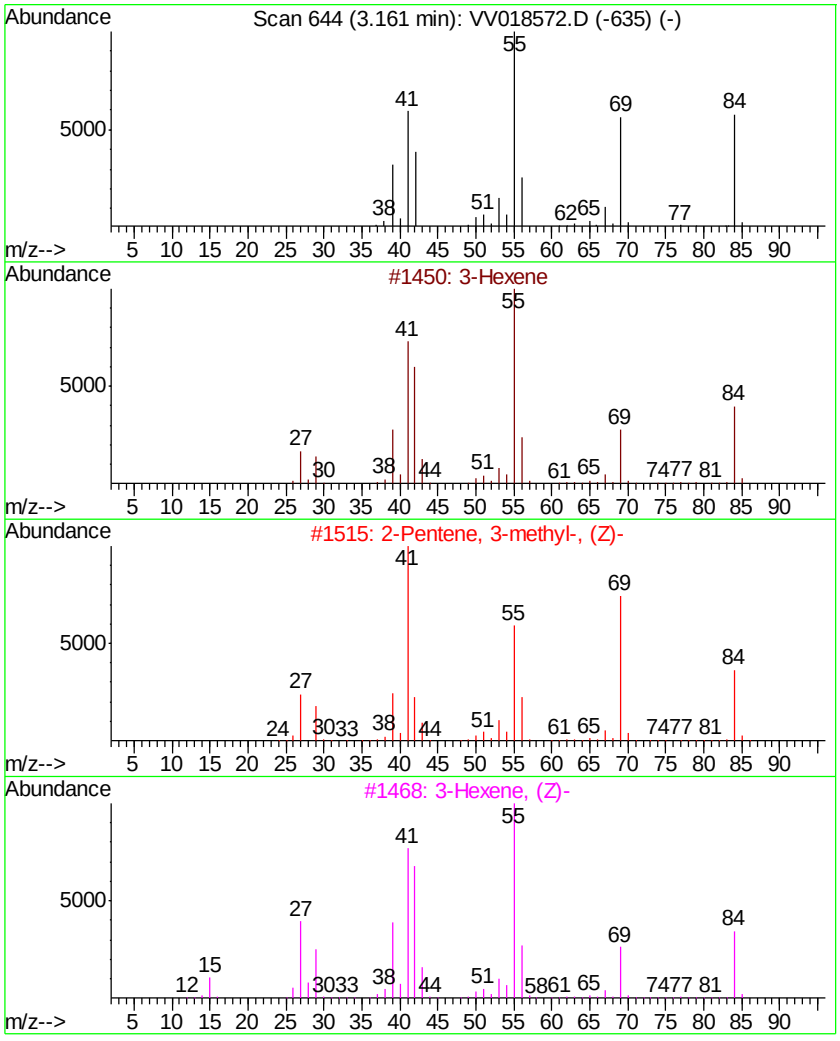
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

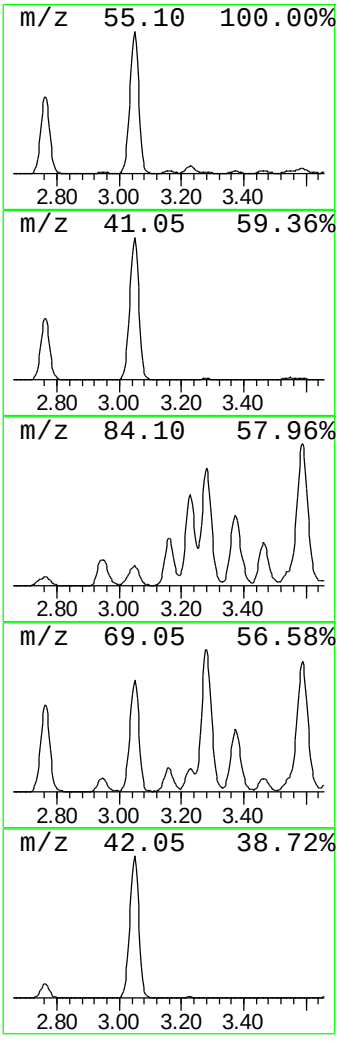
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	6.94 ug/L	102793	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene	84	C6H12	000592-47-2	86
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	80
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	78
4	2-Hexene, (E)-	84	C6H12	004050-45-7	72
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

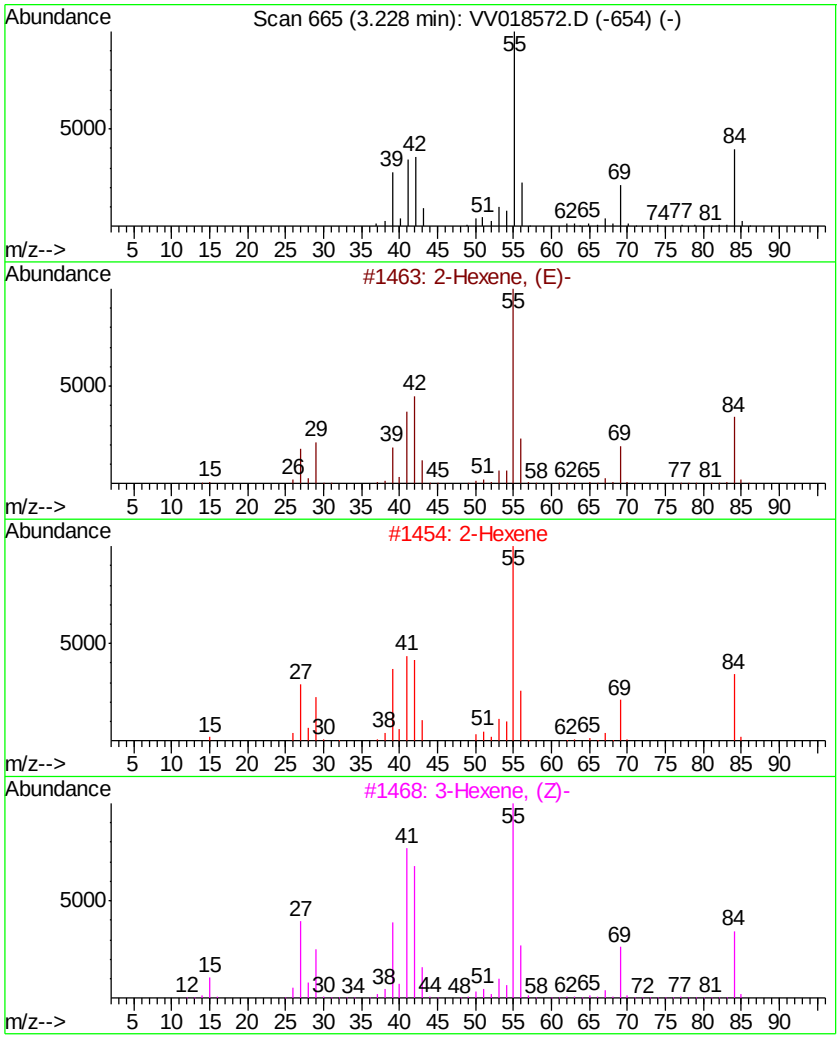
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

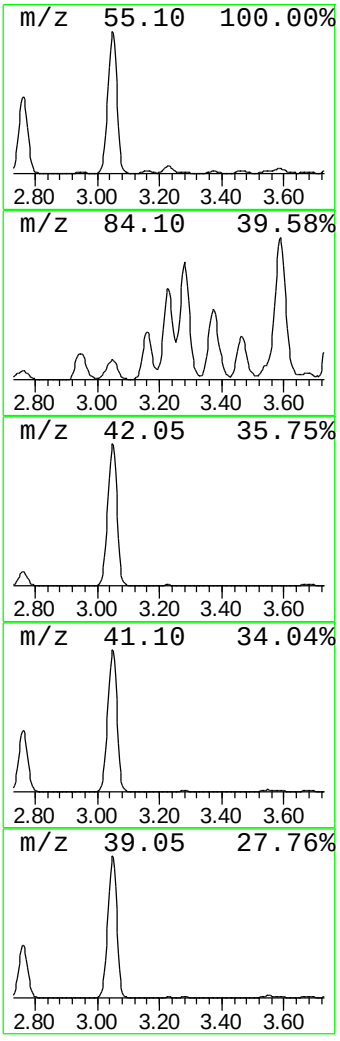
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	13.87 ug/L	205376	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (E)-	84	C6H12	004050-45-7	91
2	2-Hexene	84	C6H12	000592-43-8	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

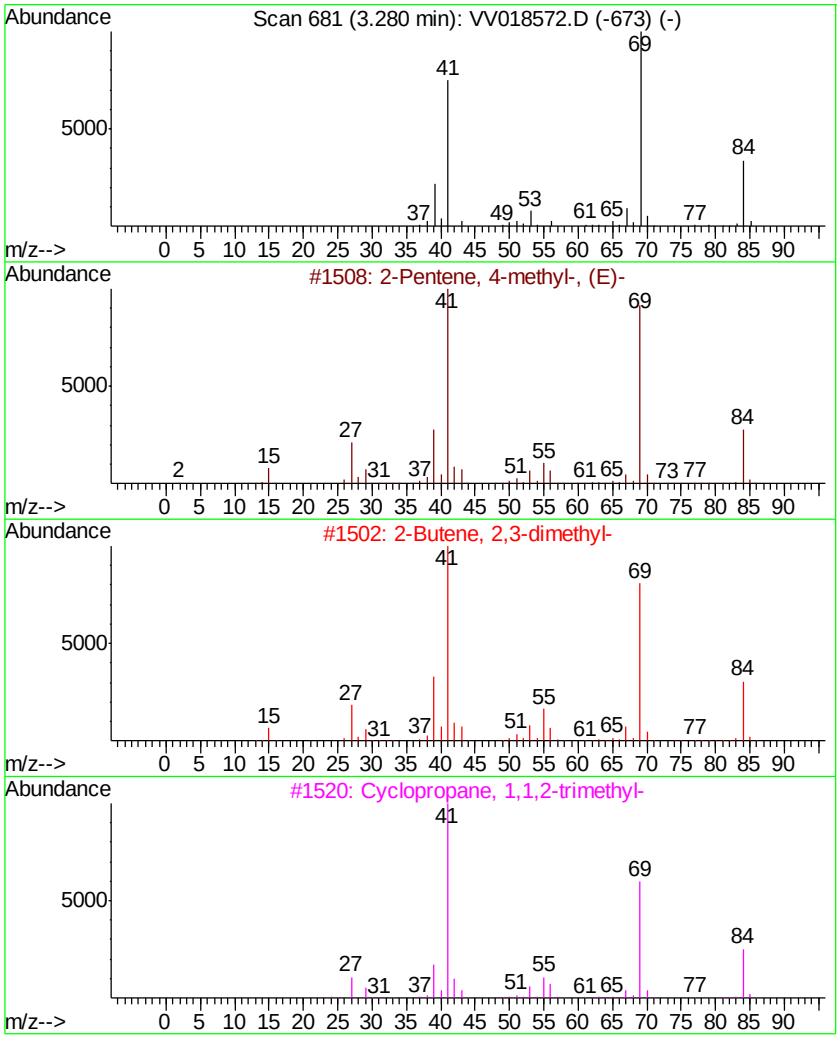
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

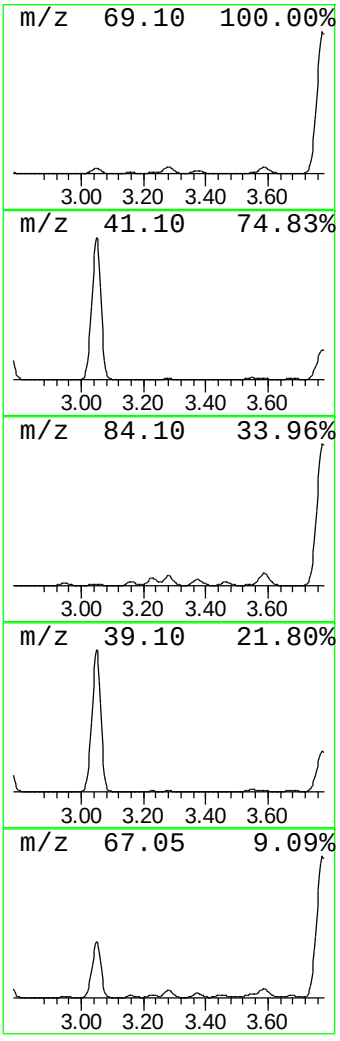
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	20.82 ug/L	308359	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	90
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	90
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

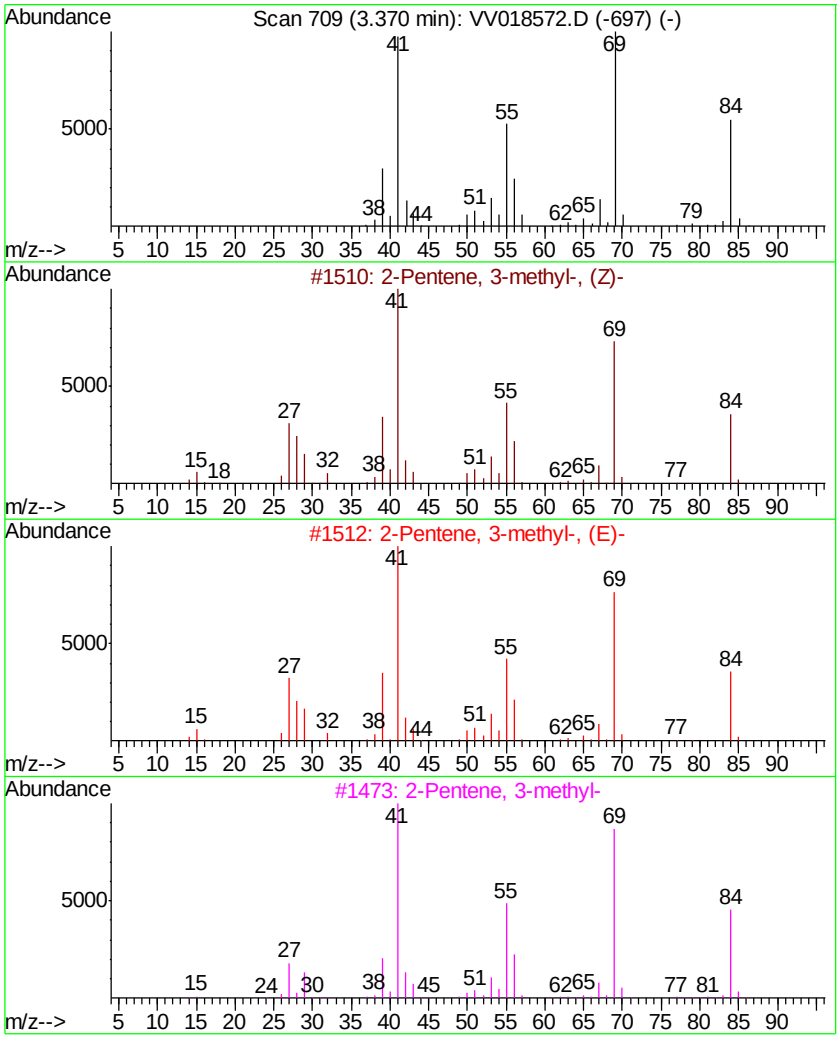
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

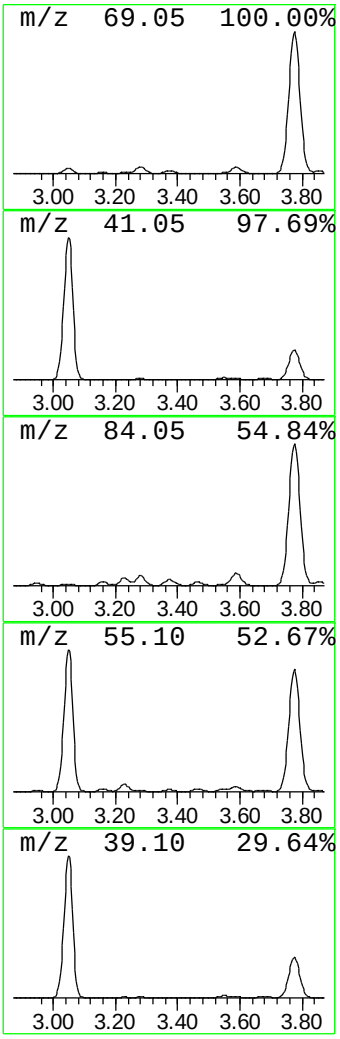
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	13.07 ug/L	193624	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	95
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

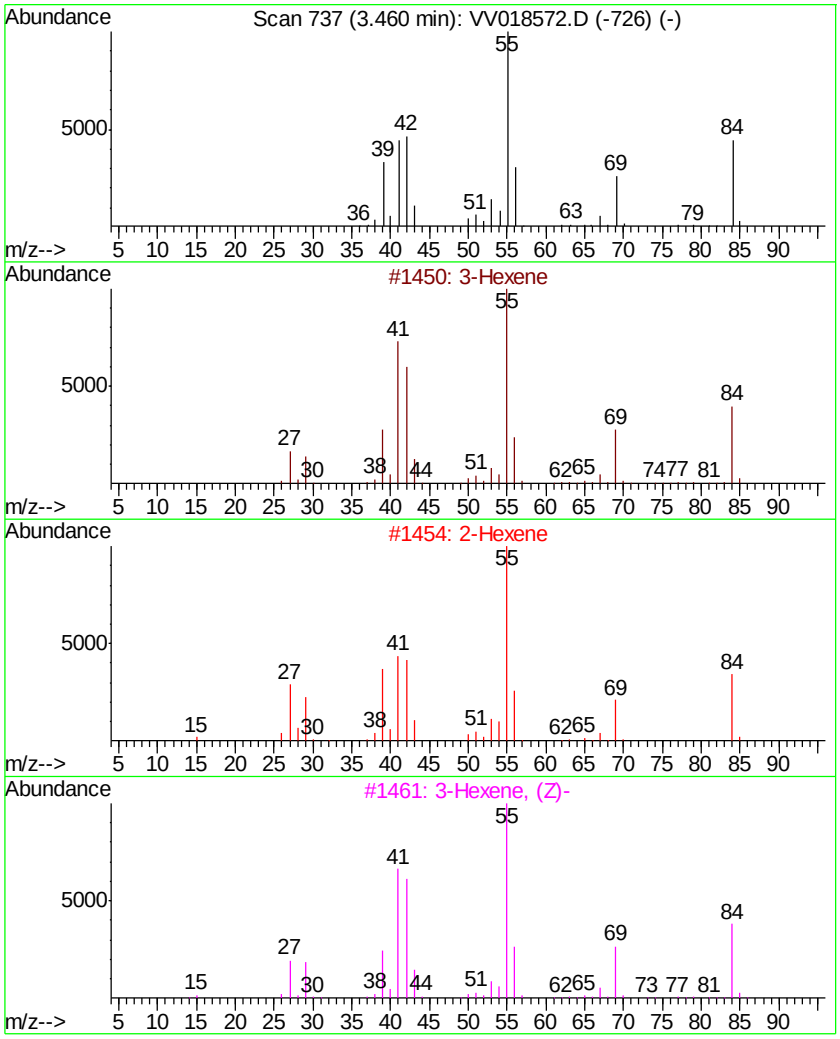
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

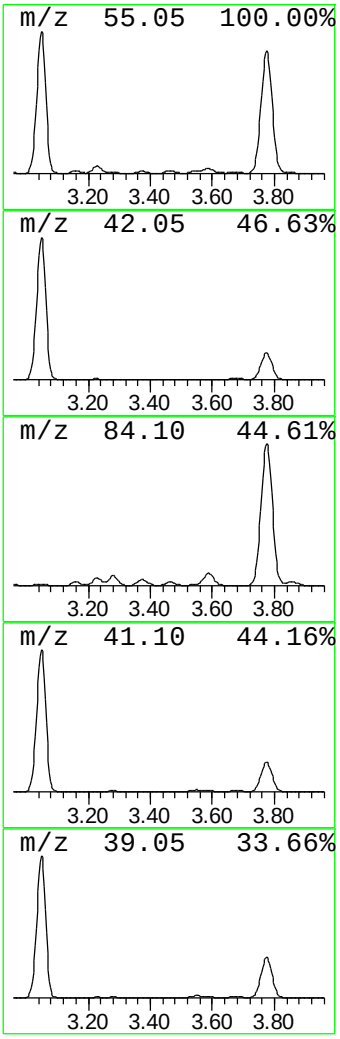
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	7.74 ug/L	114642	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene	84	C6H12	000592-47-2	91
2	2-Hexene	84	C6H12	000592-43-8	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	3-Hexene, (E)-	84	C6H12	013269-52-8	91
5	2-Hexene	84	C6H12	000592-43-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

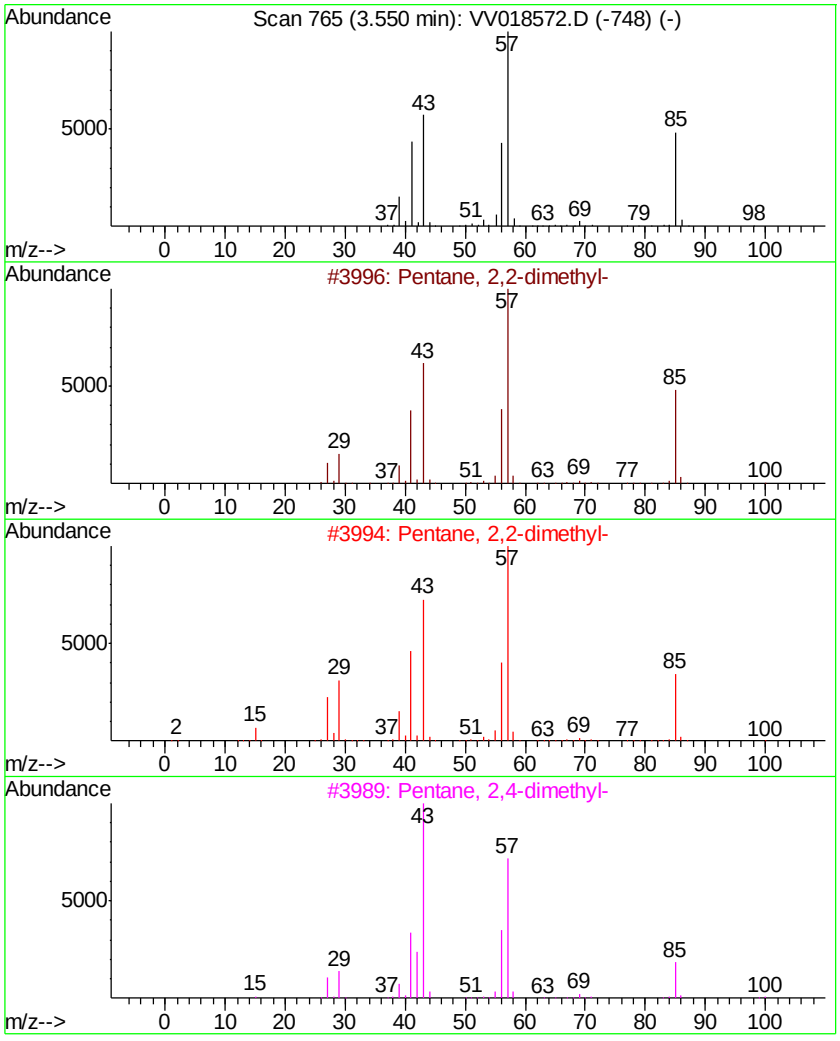
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

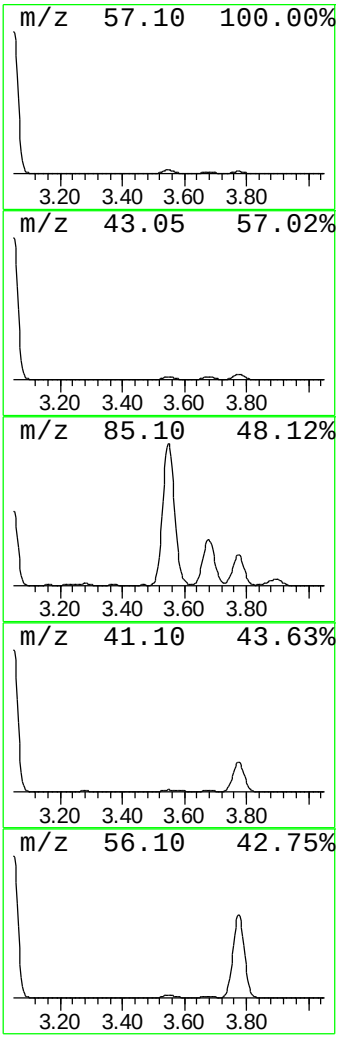
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	122.54 ug/L	1814980	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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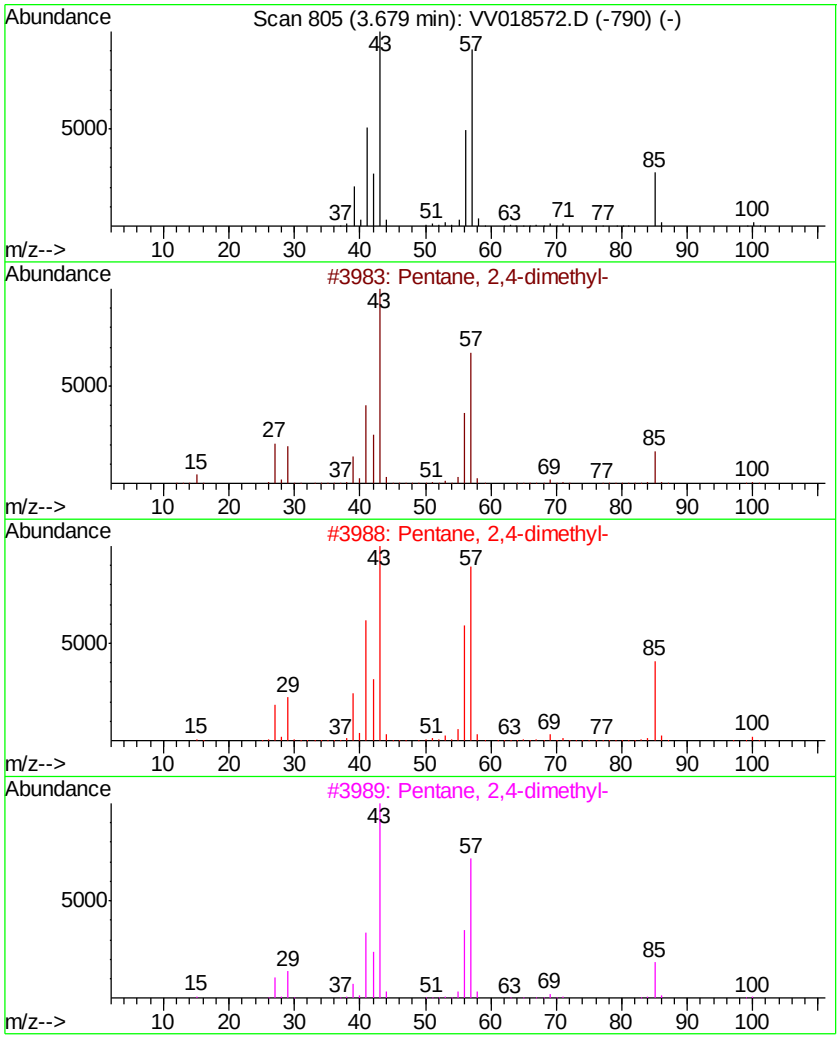
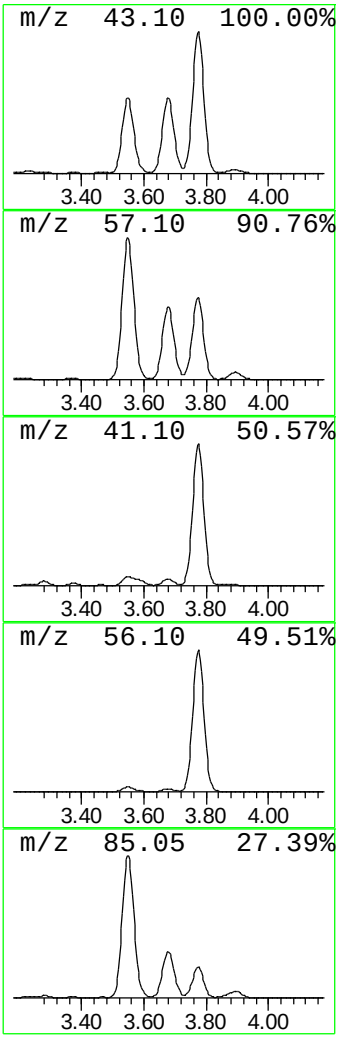
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	58.95 ug/L	873104	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	56
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

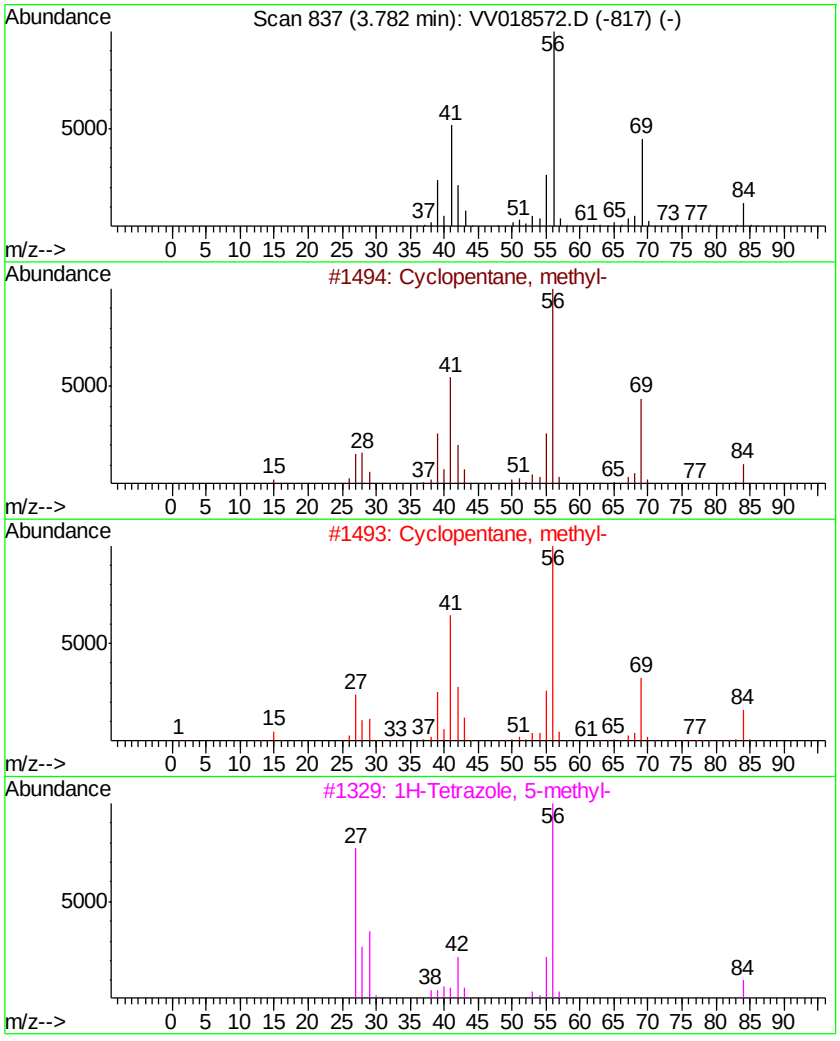
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

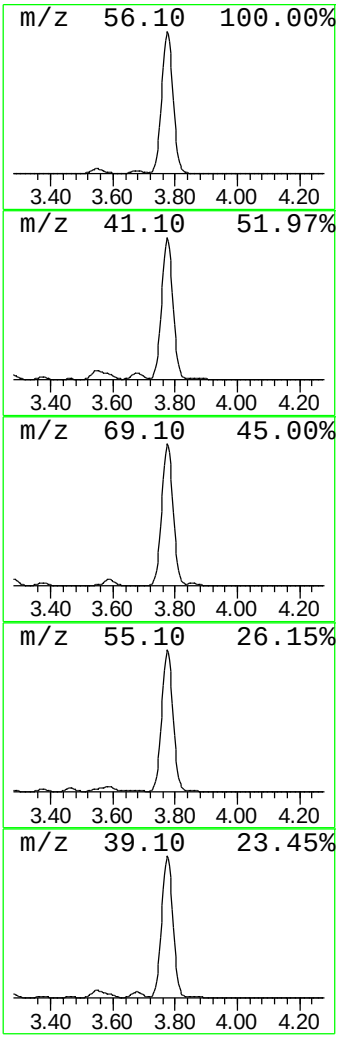
****

Peak Number 12 (DEL) Alkane: Cyclic3.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	1177.53 ug/L	17440300	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

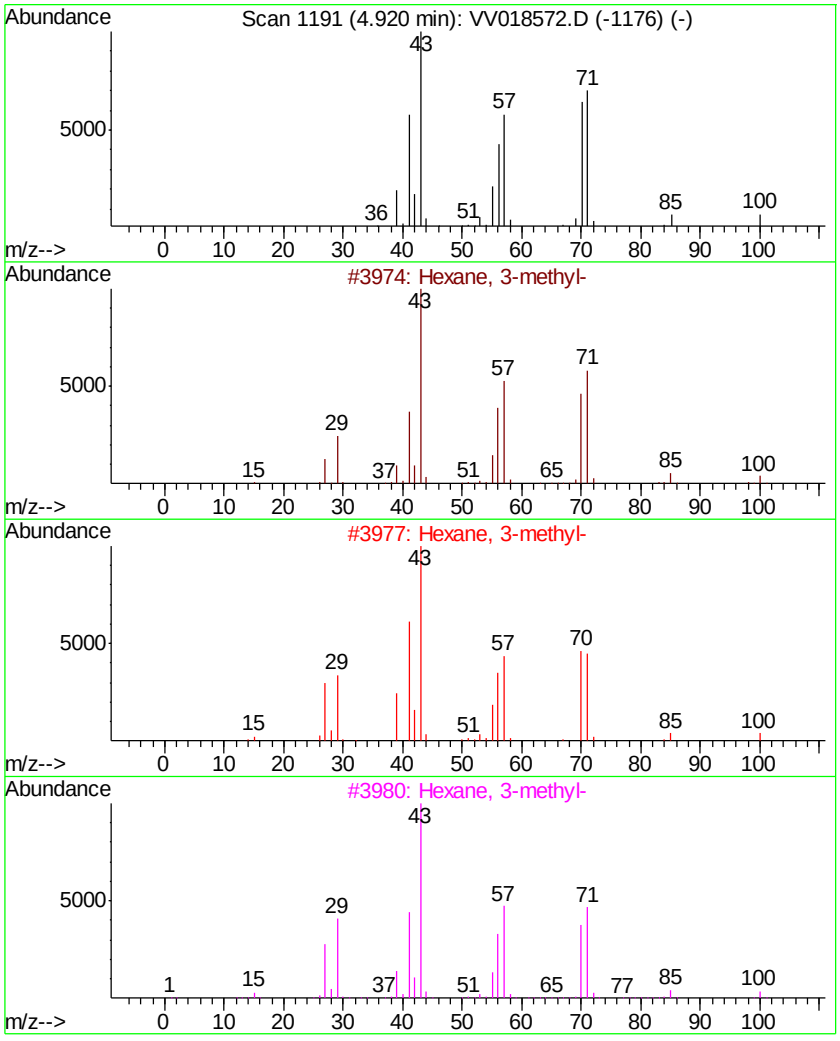
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

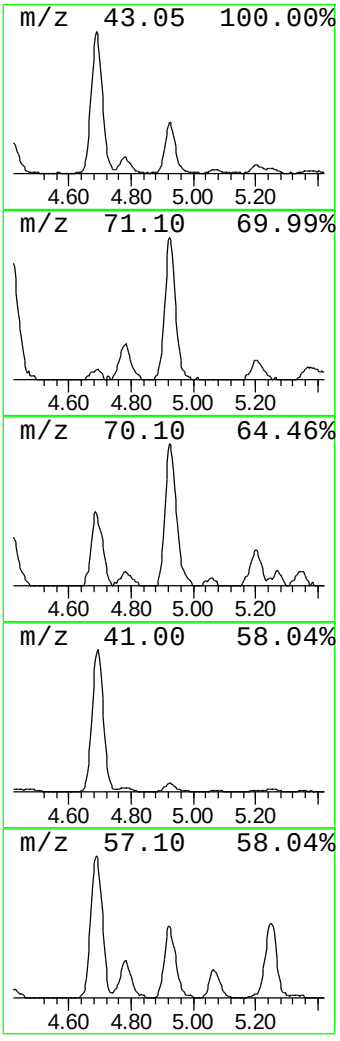
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.92 ug/L	102475	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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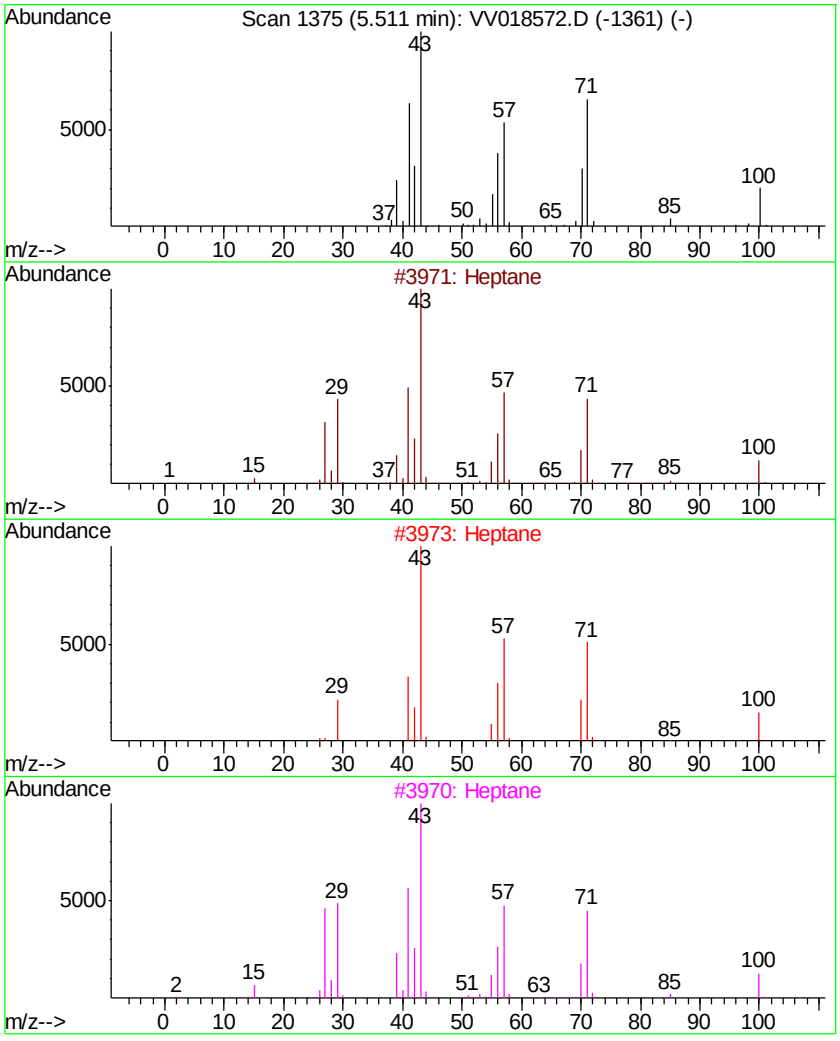
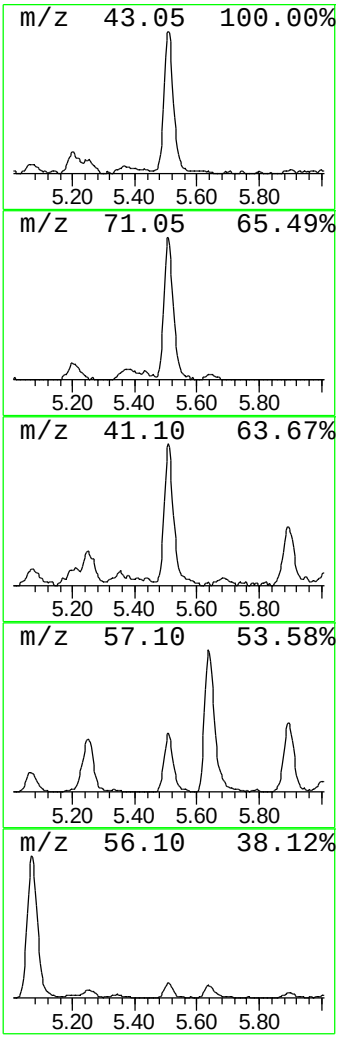
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	6.21 ug/L	91925	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Heptane	100	C7H16	000142-82-5	83
3	Heptane	100	C7H16	000142-82-5	80
4	Heptane	100	C7H16	000142-82-5	72
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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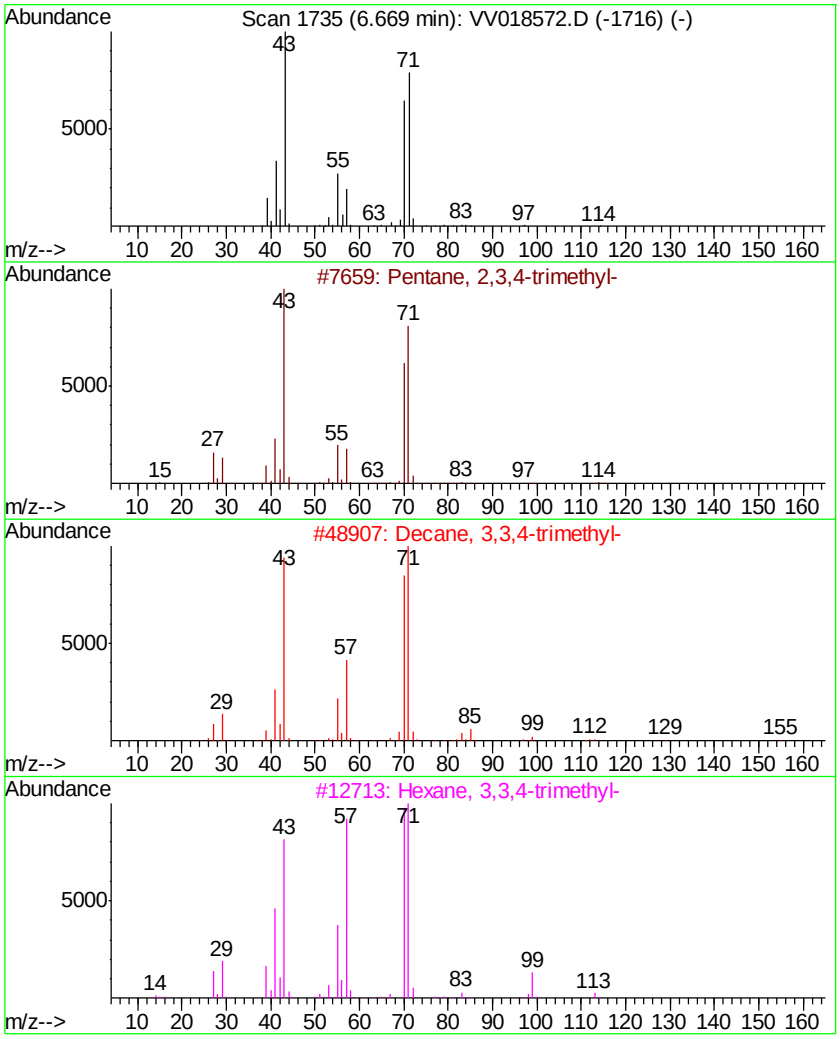
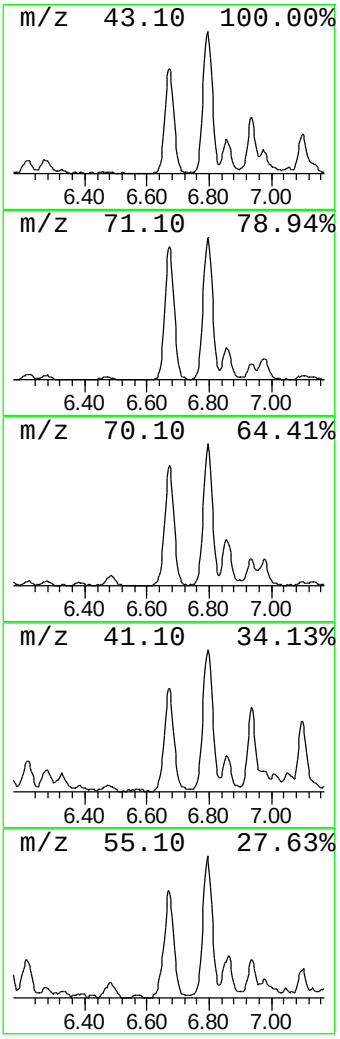
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	11.73 ug/L	173777	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
5	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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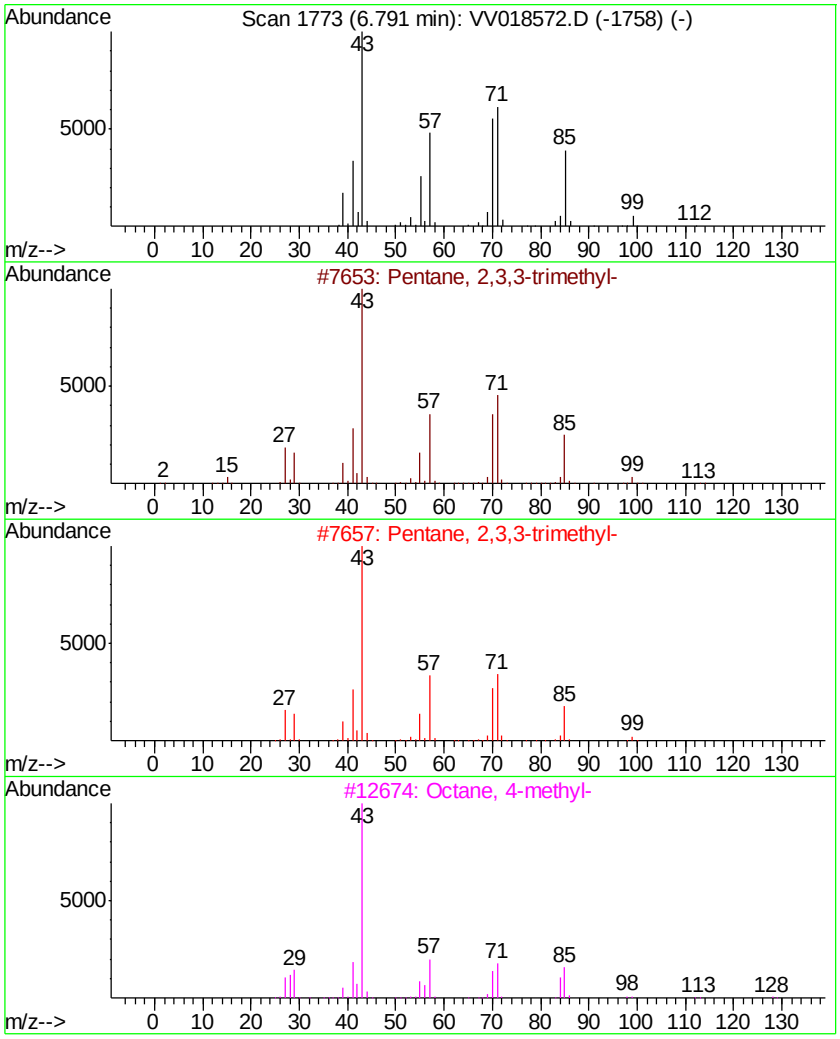
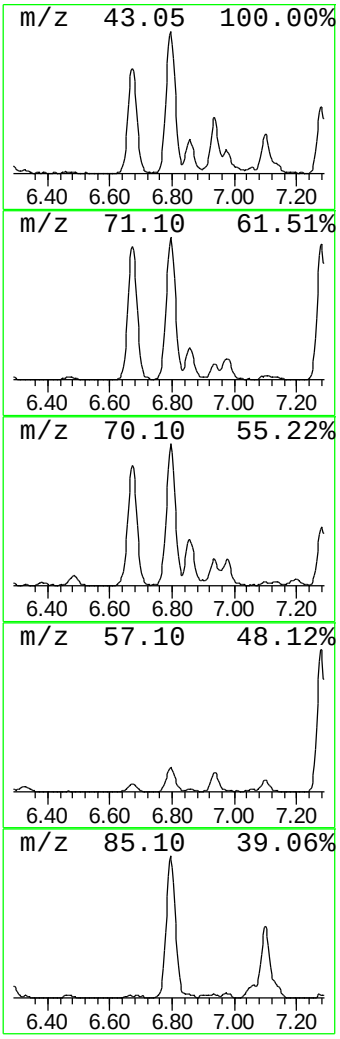
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	17.38 ug/L	257461	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

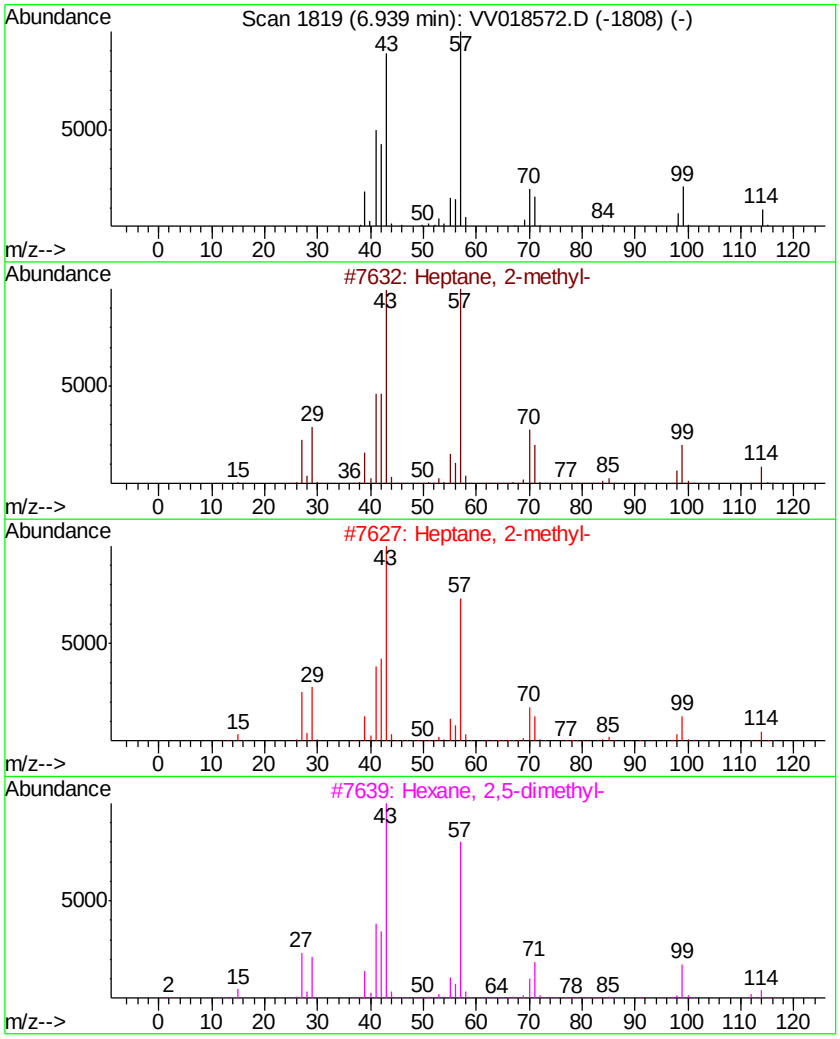
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

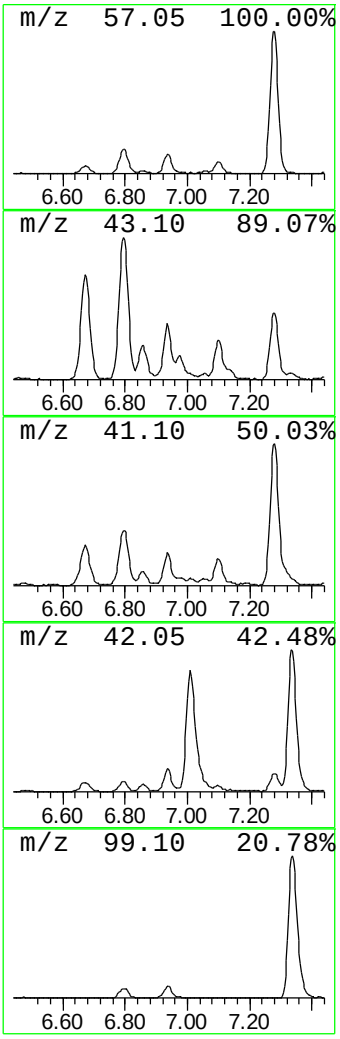
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	5.29 ug/L	78399	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

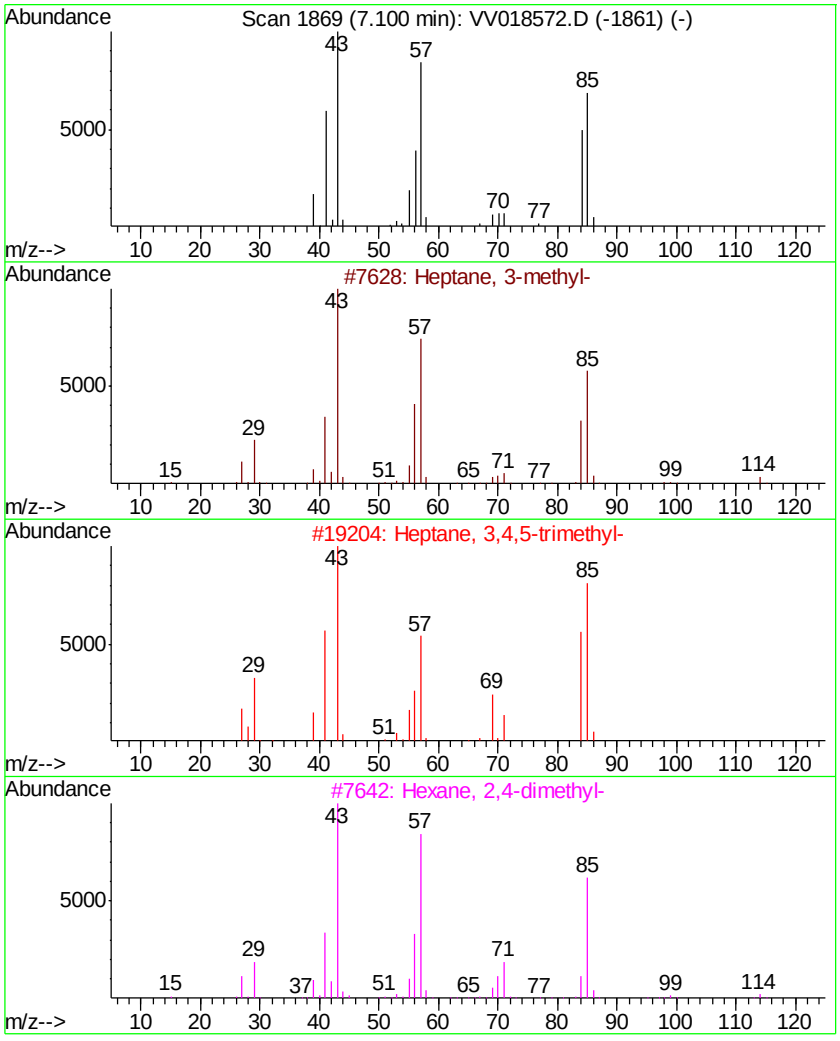
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

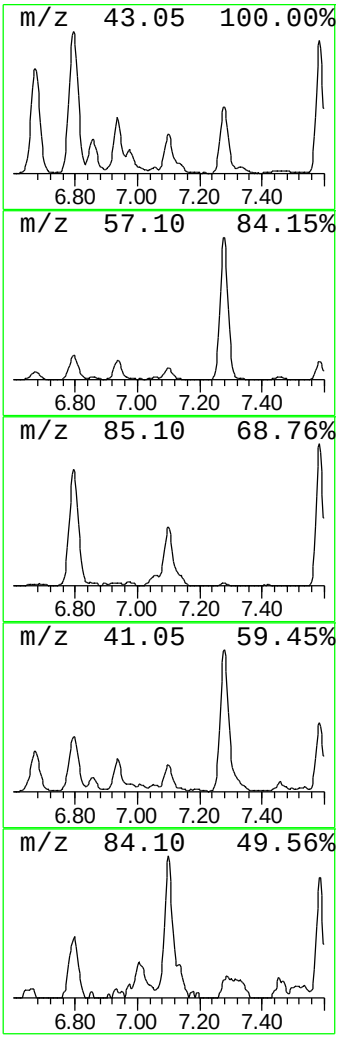
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	5.16 ug/L	76393	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

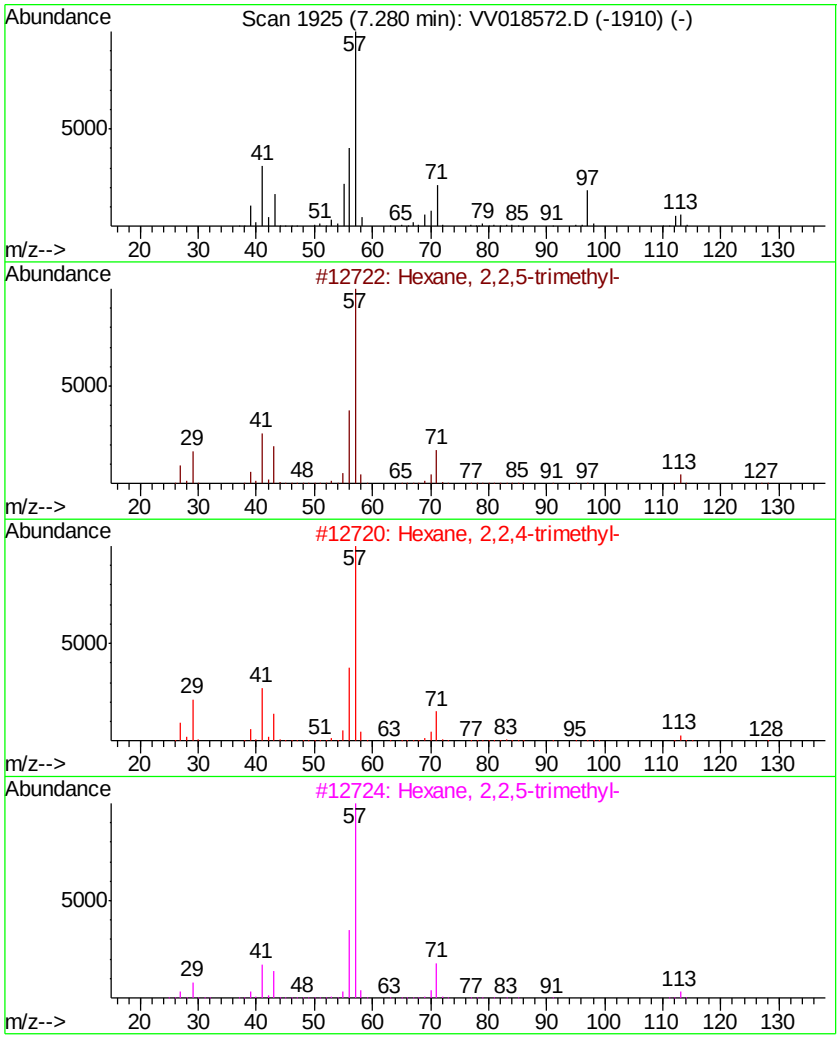
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

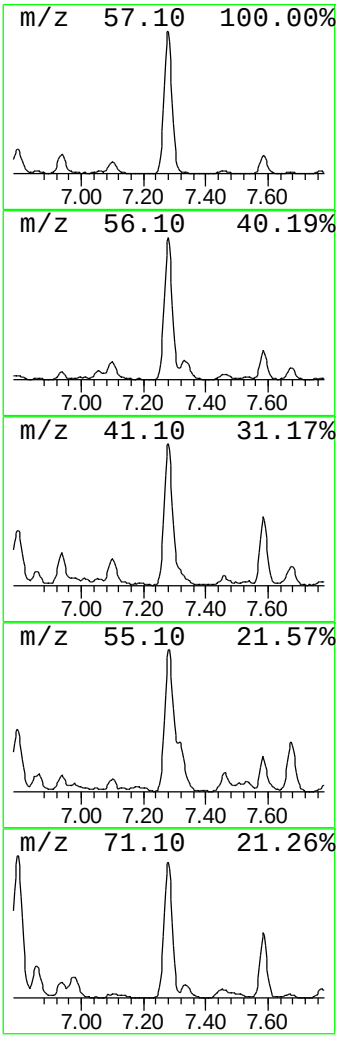
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	22.51 ug/L	466001	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

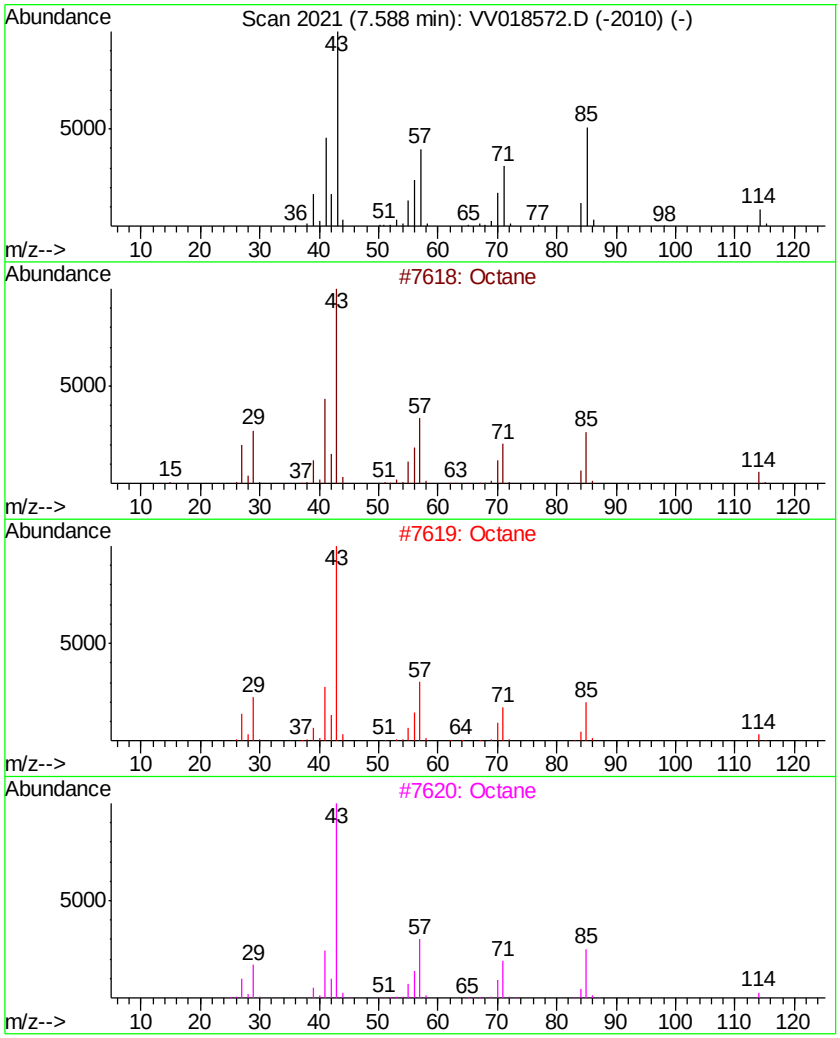
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

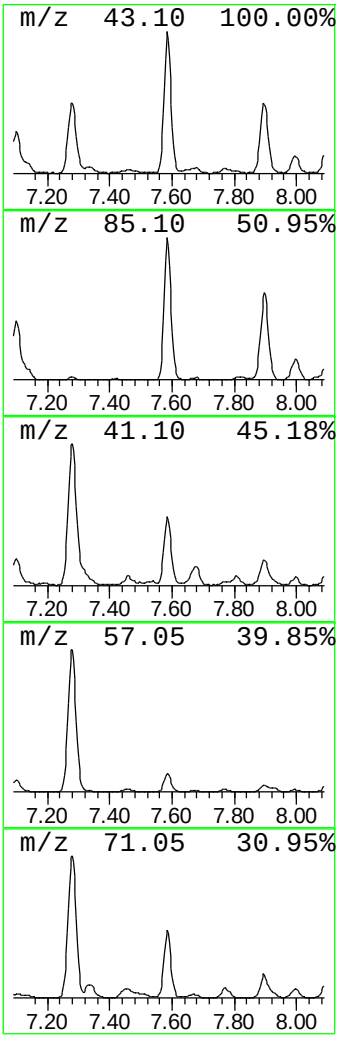
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	7.58 ug/L	156941	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	87
3	Octane	114	C8H18	000111-65-9	81
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

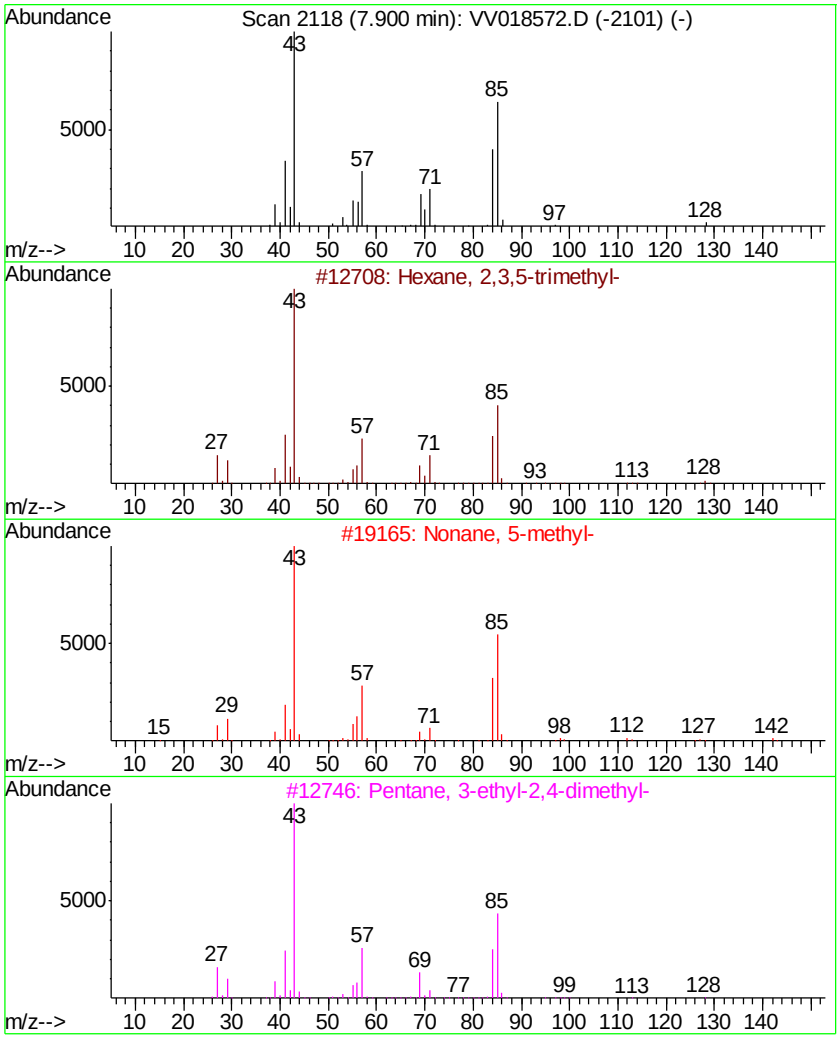
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

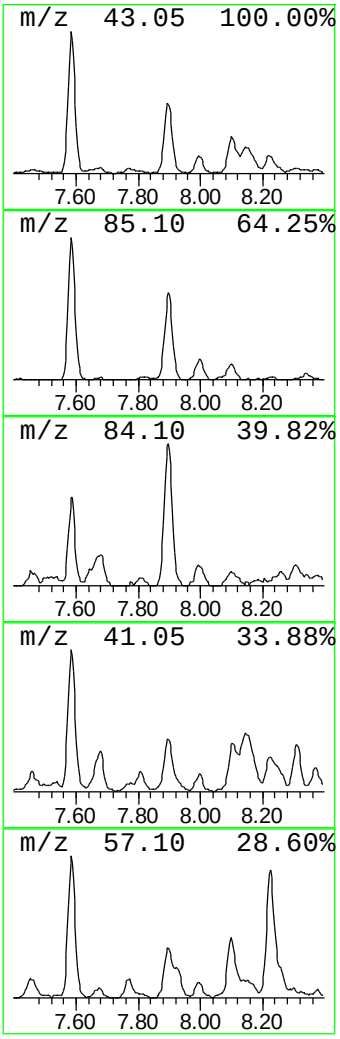
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	4.82 ug/L	99731	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	81
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	72
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	64
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

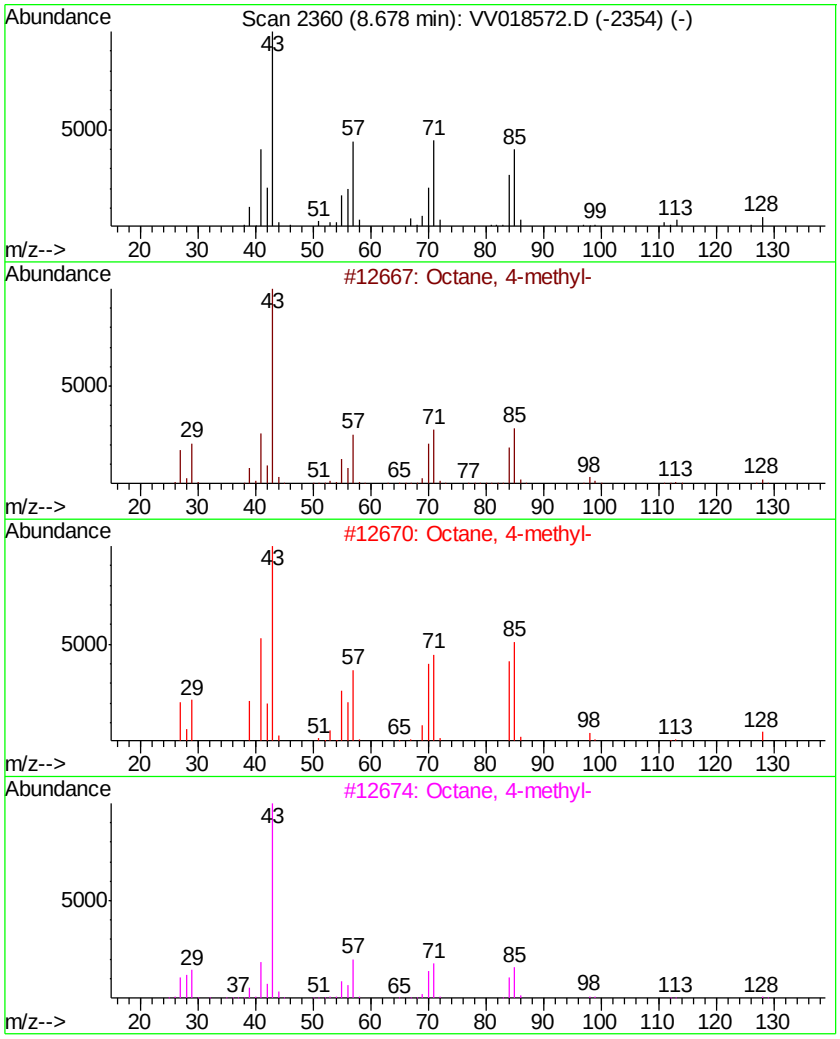
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

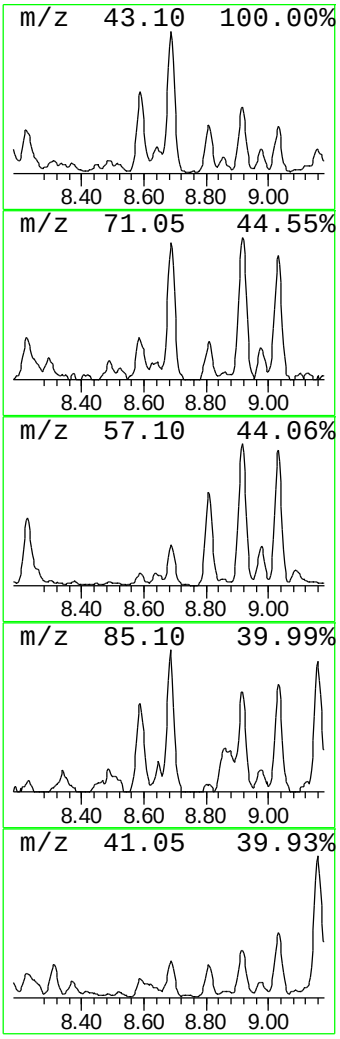
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	3.75 ug/L	77590	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	80
2	Octane, 4-methyl-	128	C9H20	002216-34-4	76
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

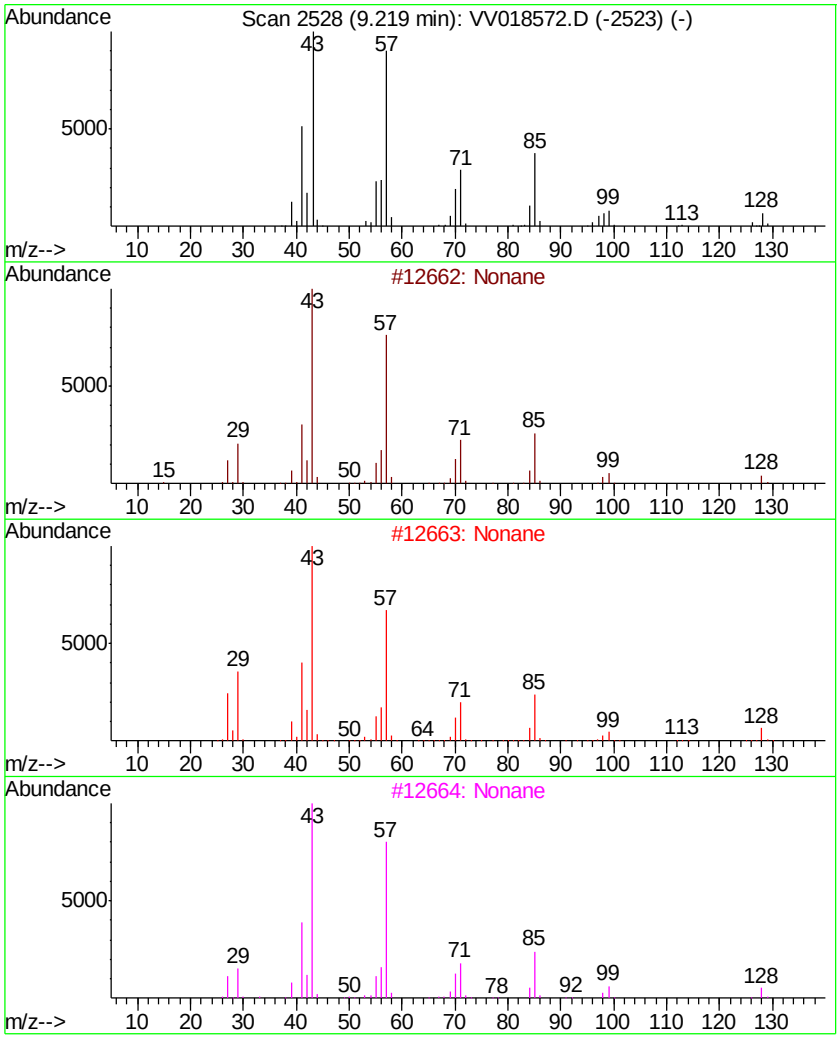
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

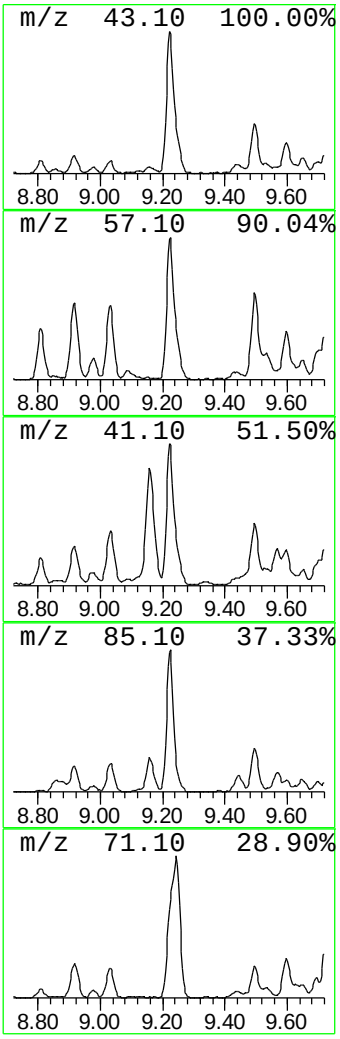
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	19.51 ug/L	403911	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	95
3	Nonane	128	C9H20	000111-84-2	91
4	Octane	114	C8H18	000111-65-9	72
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

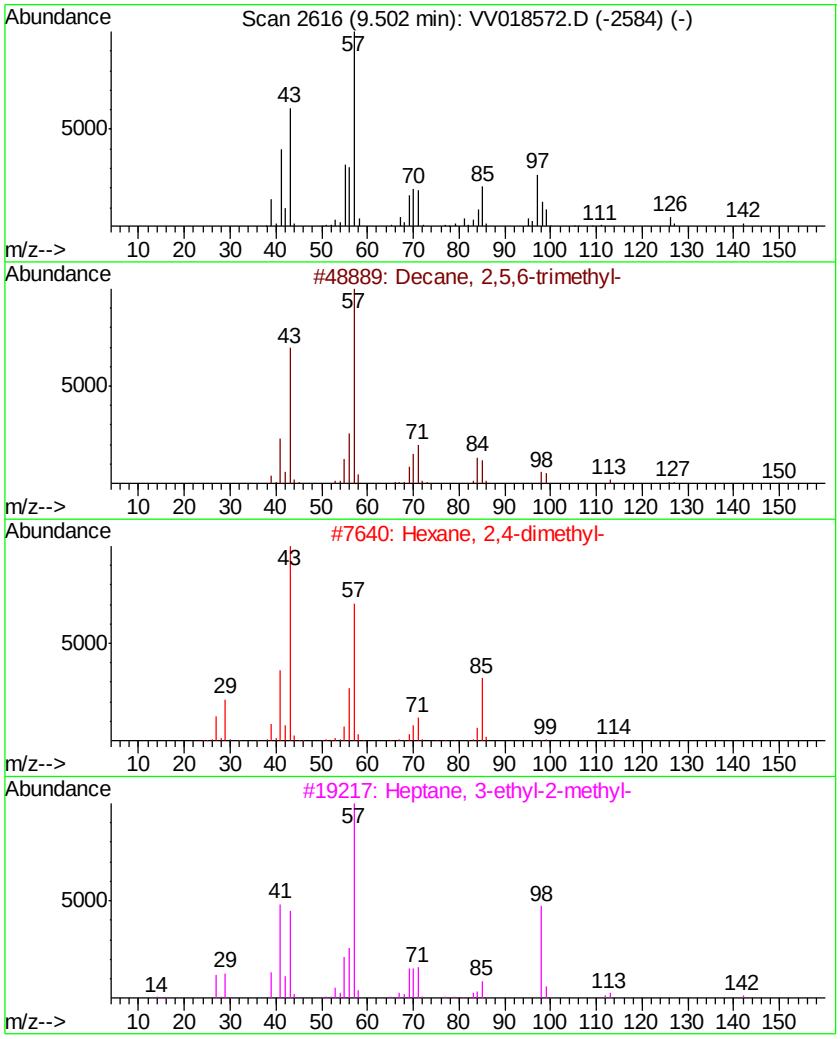
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

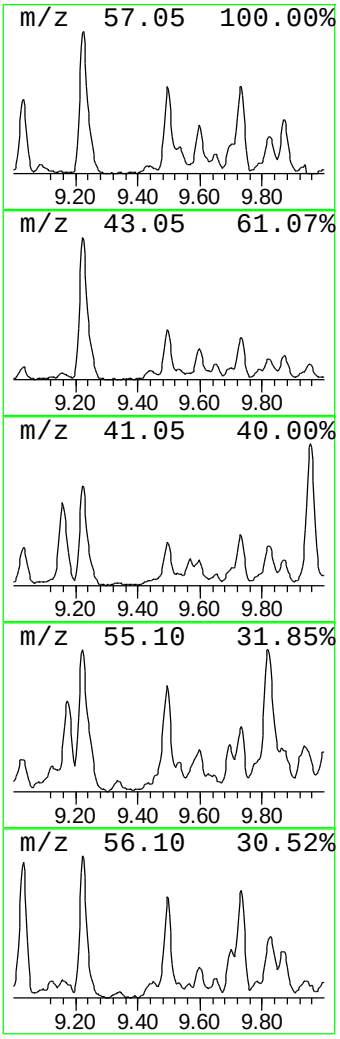
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	11.26 ug/L	233105	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

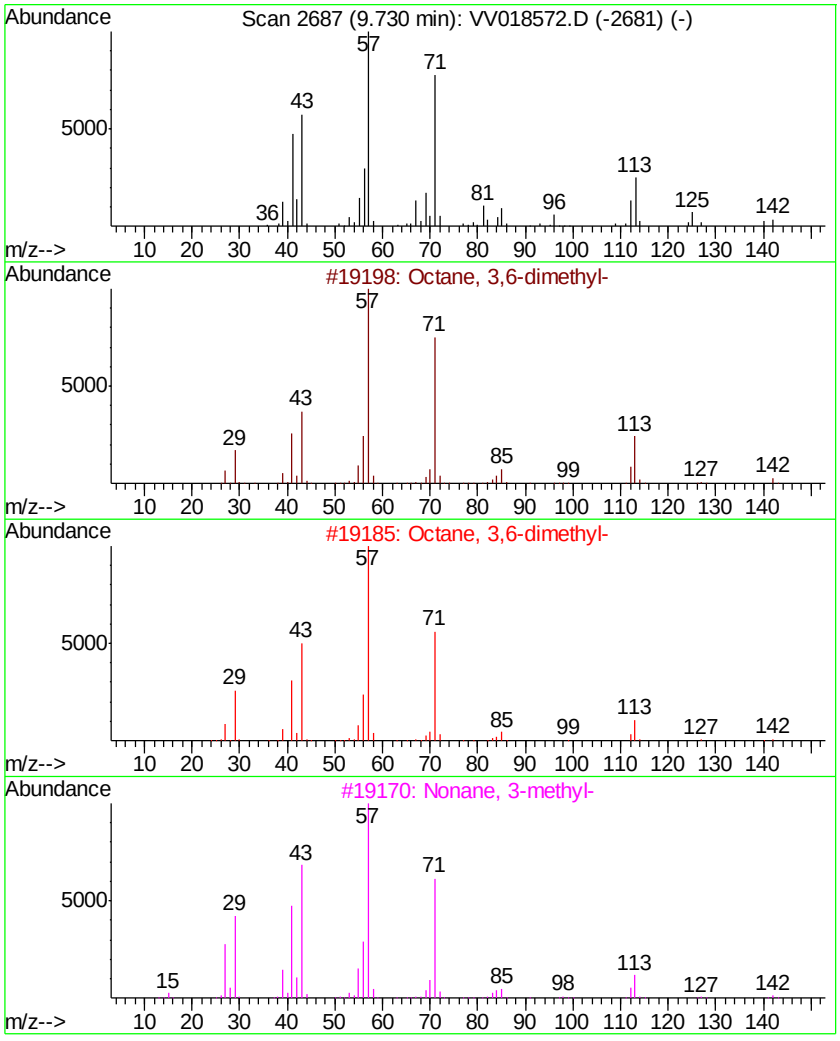
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

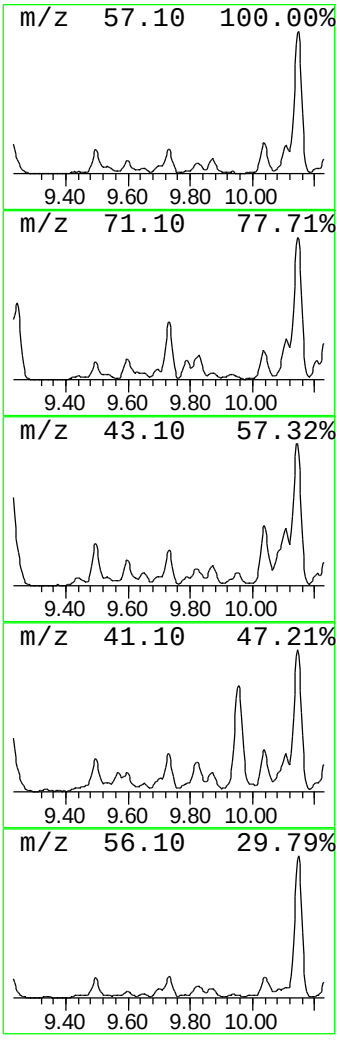
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	7.70 ug/L	159351	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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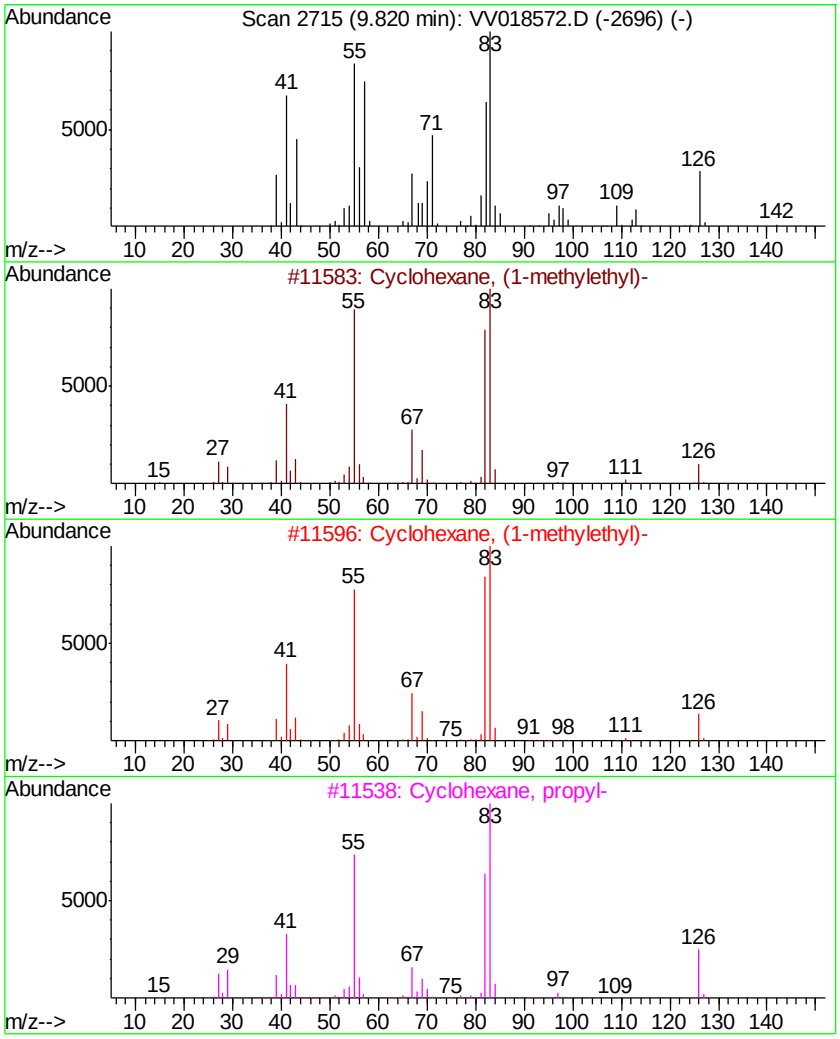
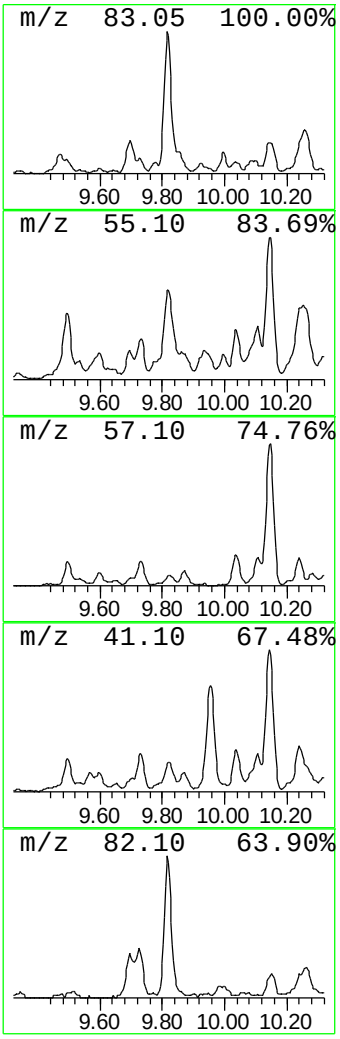
Peak Number 27 (DEL) Alkane: Cyclic9.82 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	9.74 ug/L	201619	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	49
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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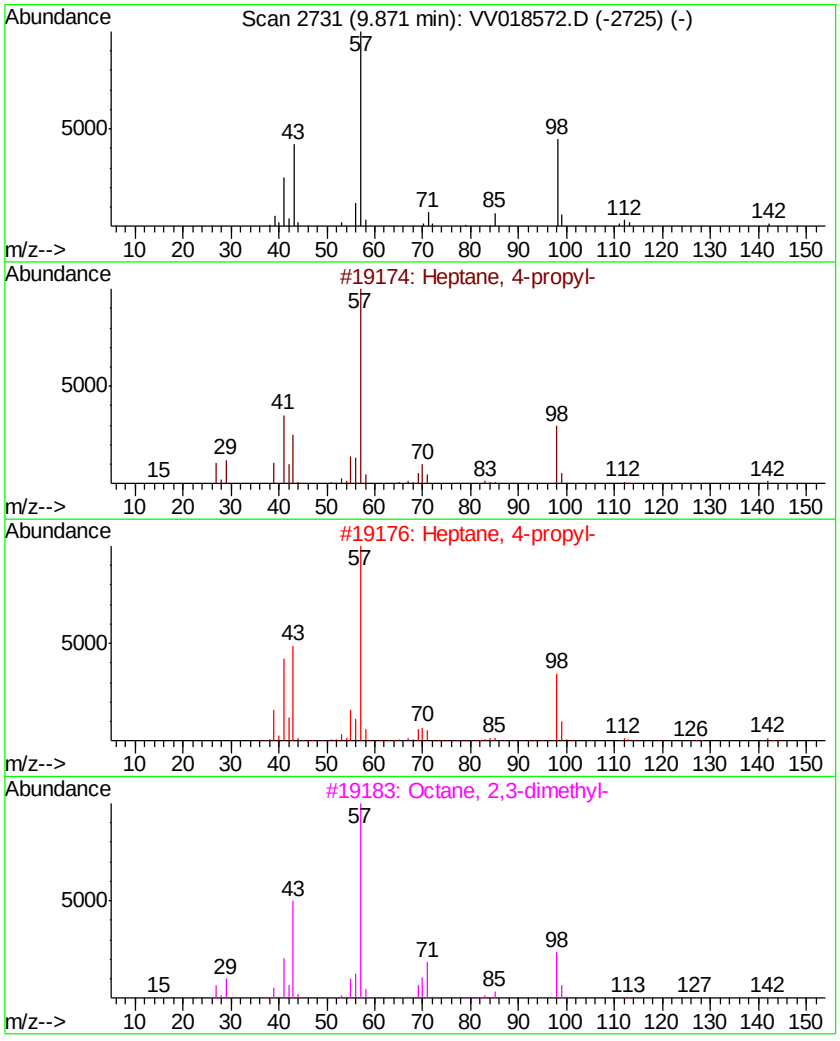
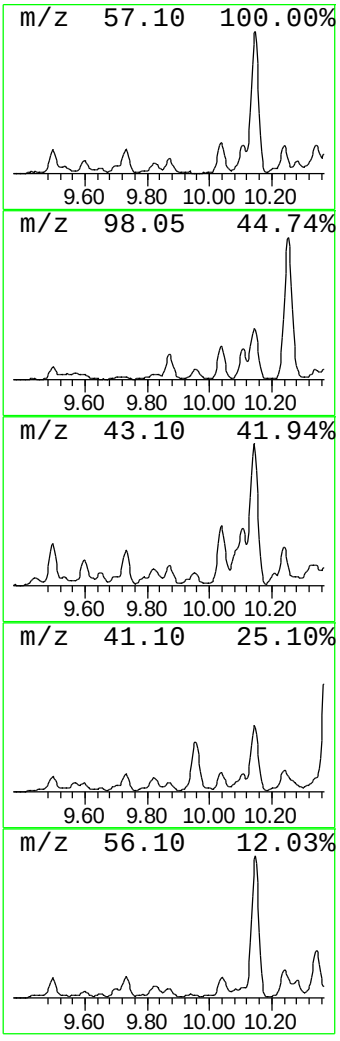
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.76 ug/L	77824	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	78
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

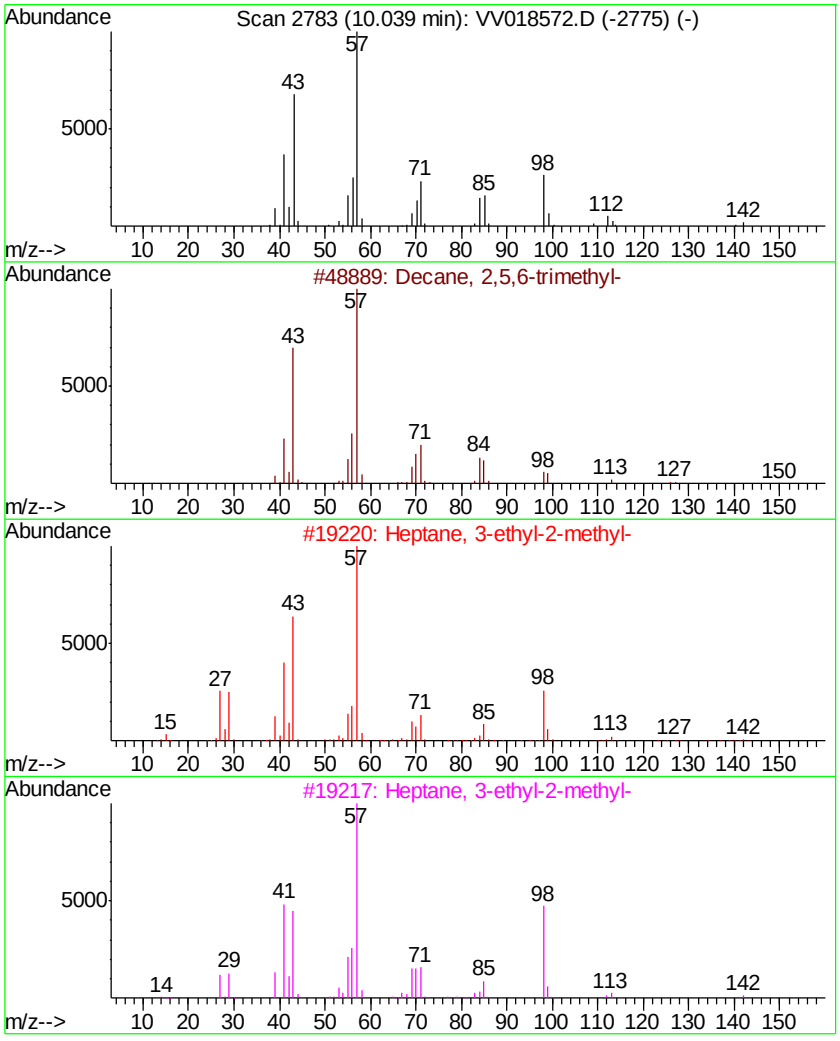
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

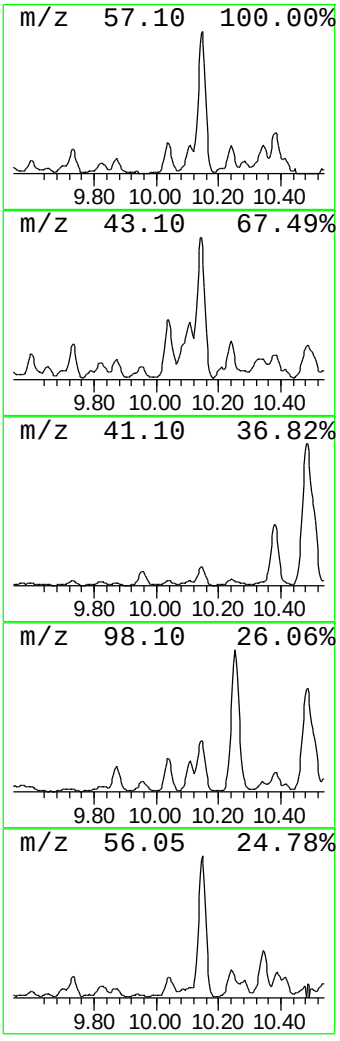
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	7.22 ug/L	149424	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

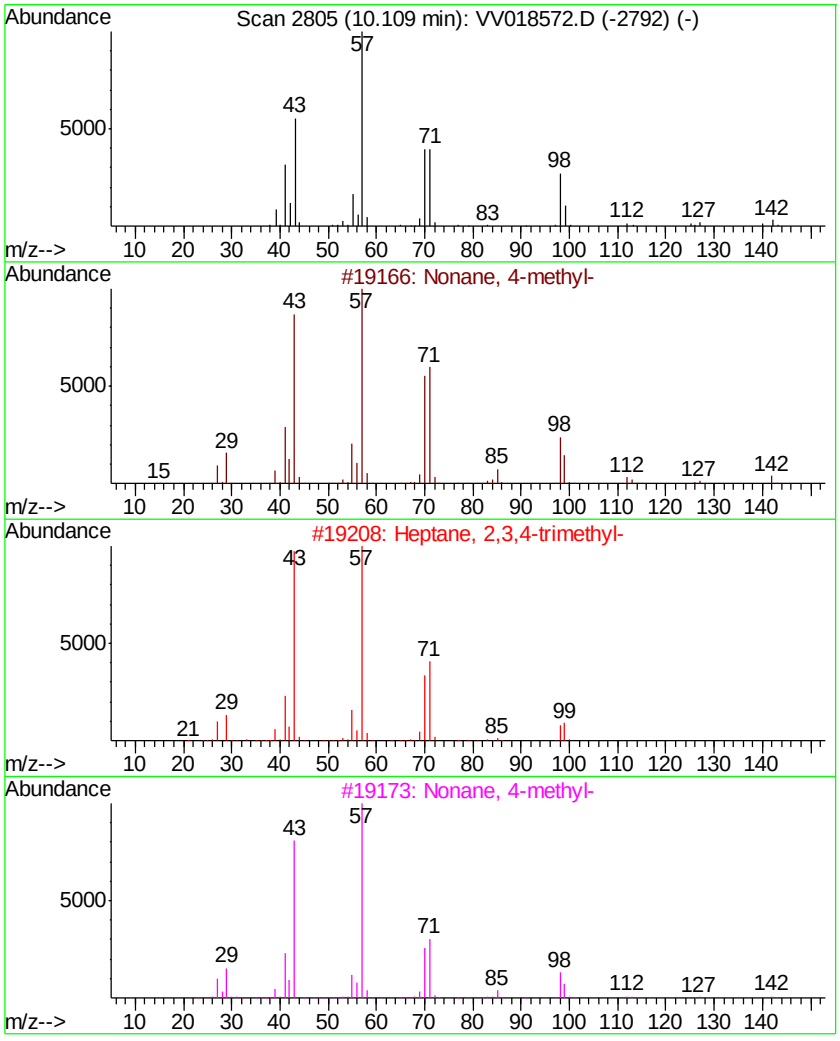
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

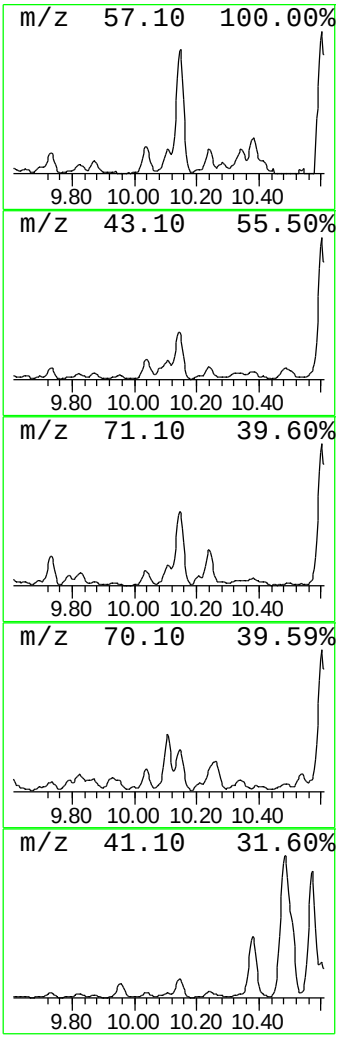
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	5.91 ug/L	165606	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

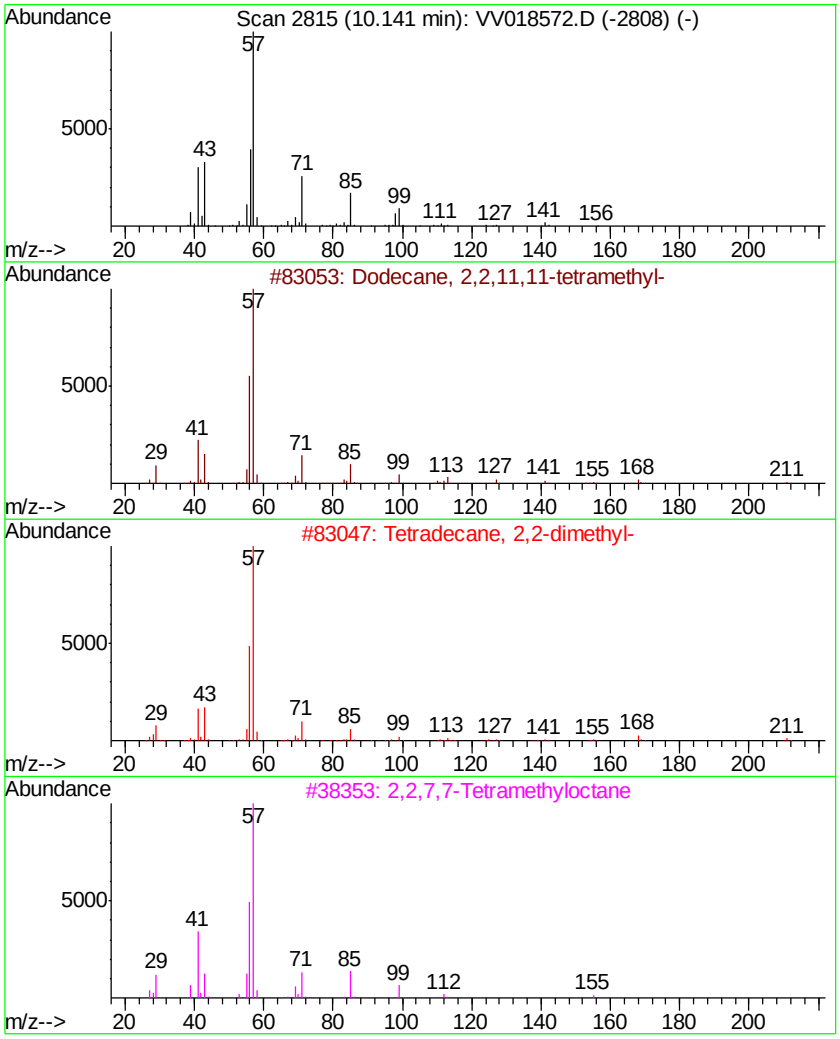
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

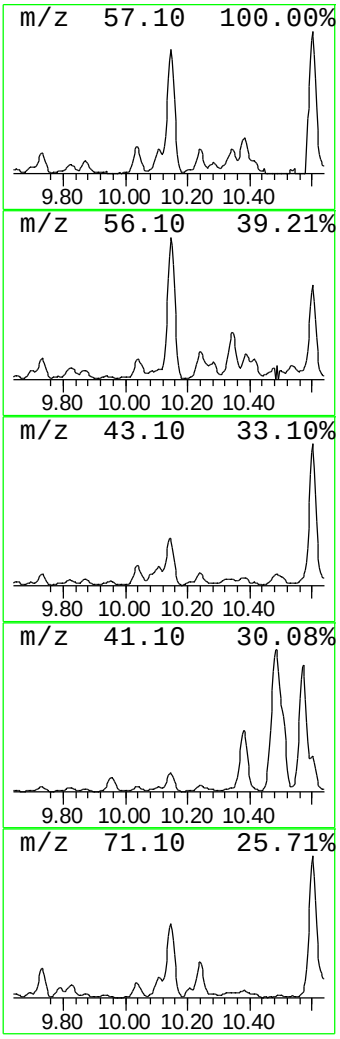
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	25.45 ug/L	713705	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

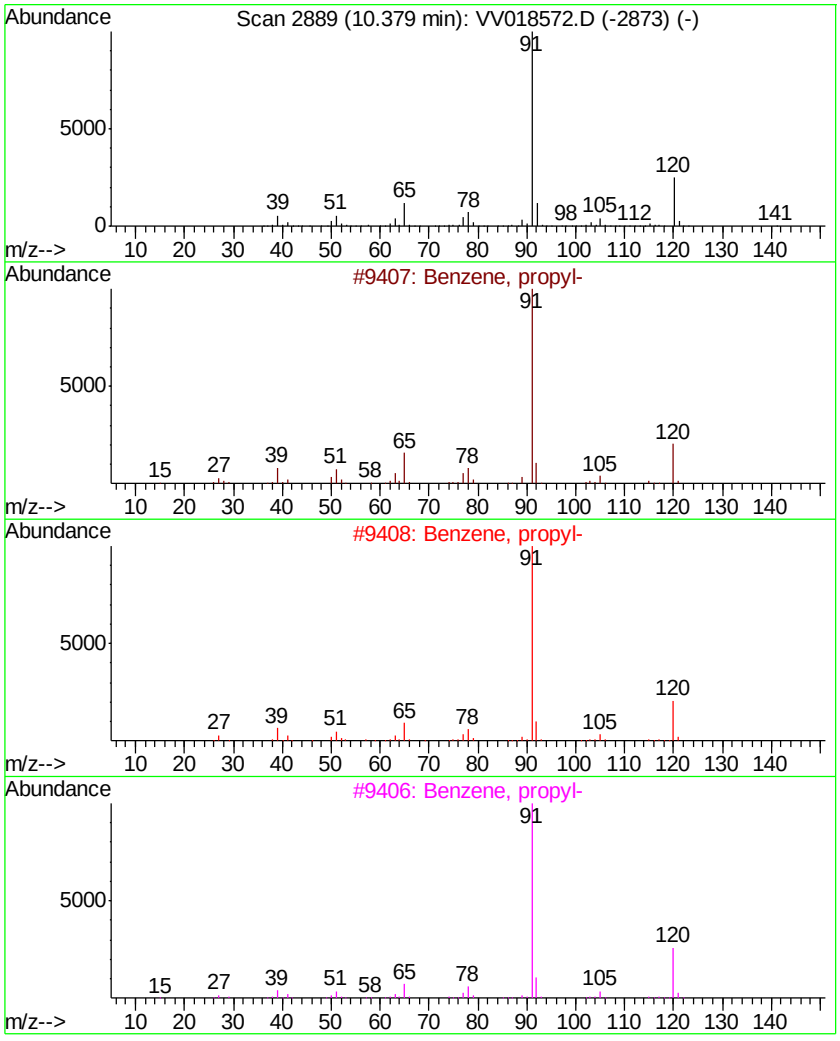
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

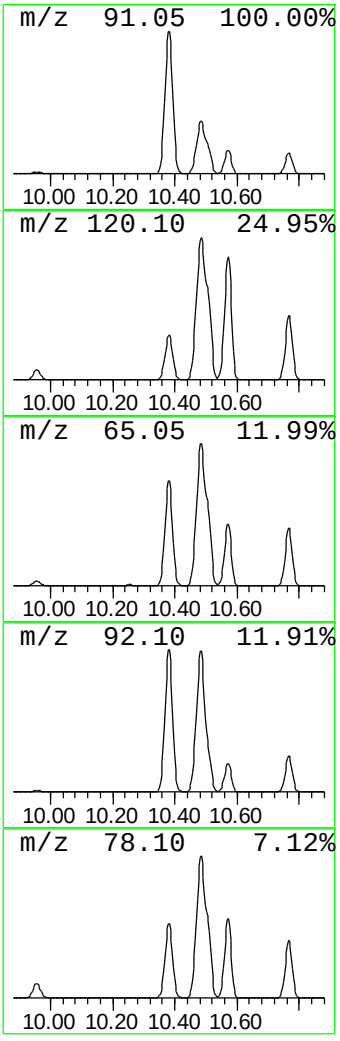
****

Peak Number 32 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	805.30 ug/L	22584100	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

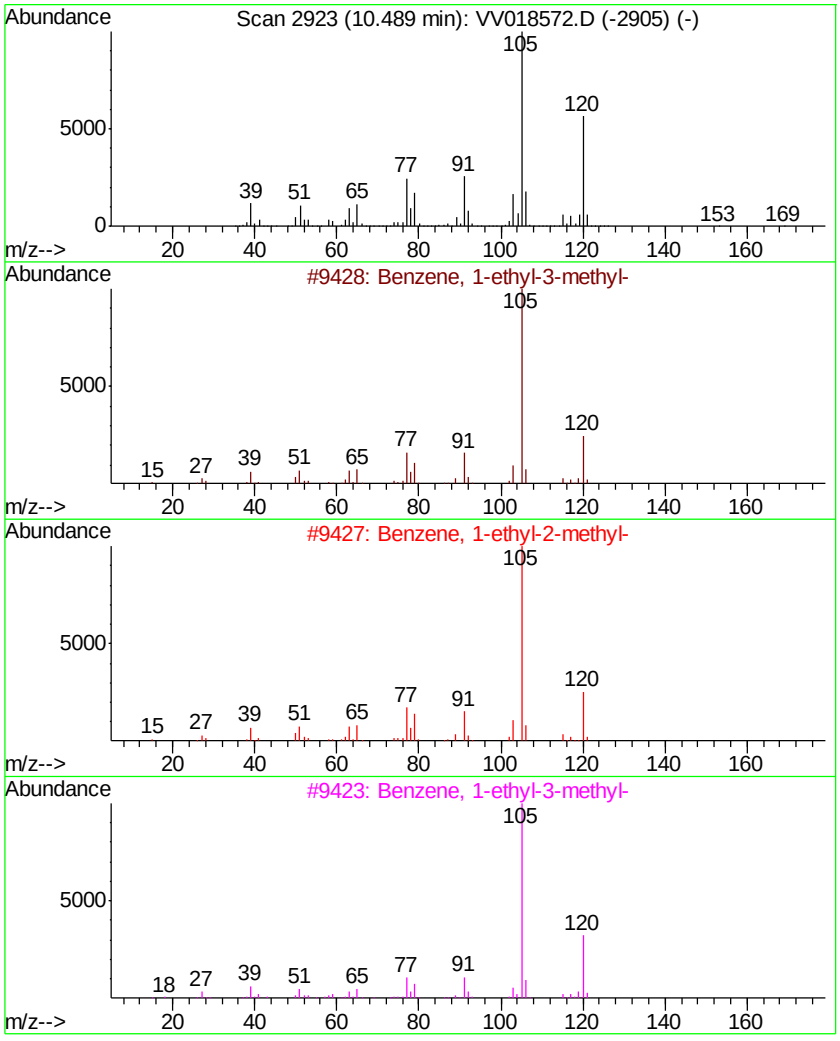
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

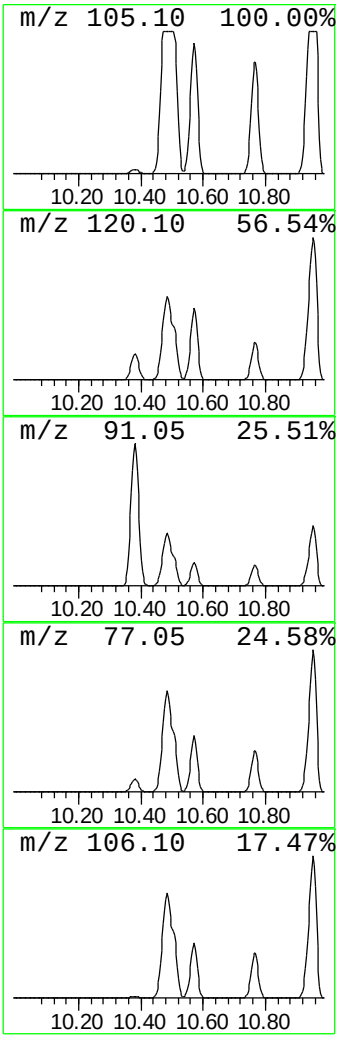
****

Peak Number 33 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3529.33 ug/L	98978700	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

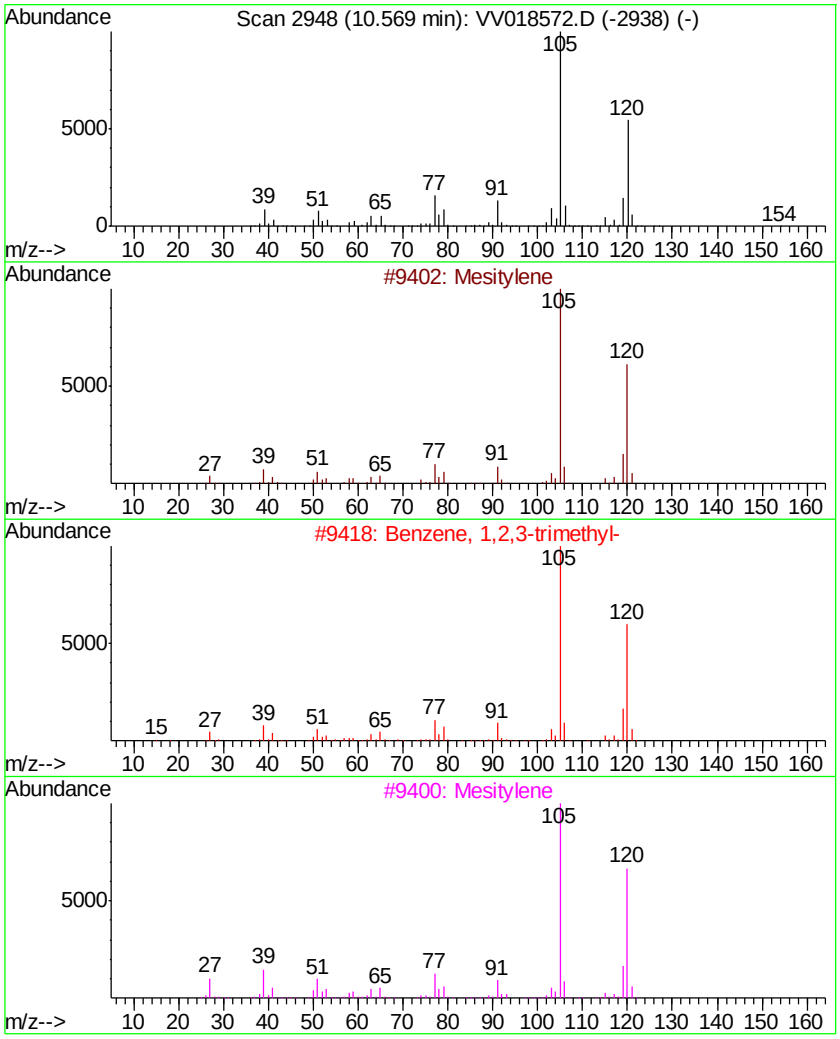
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

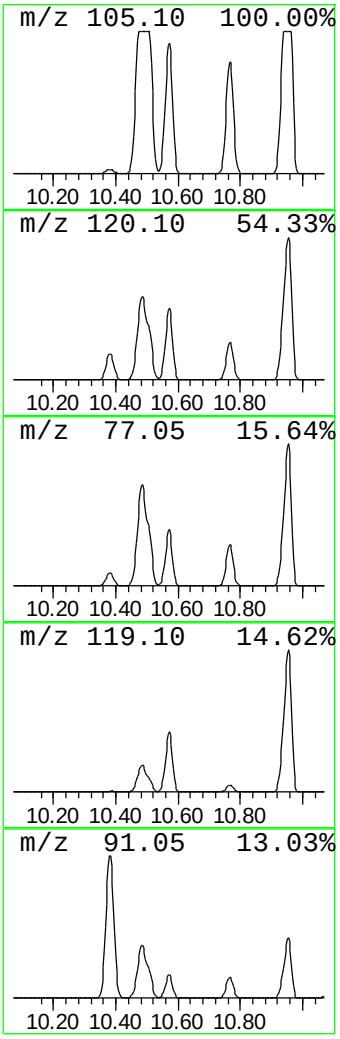
****

Peak Number 34 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	1423.34 ug/L	39916900	1,4-Dichlorobenzene-d4	11.28

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	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

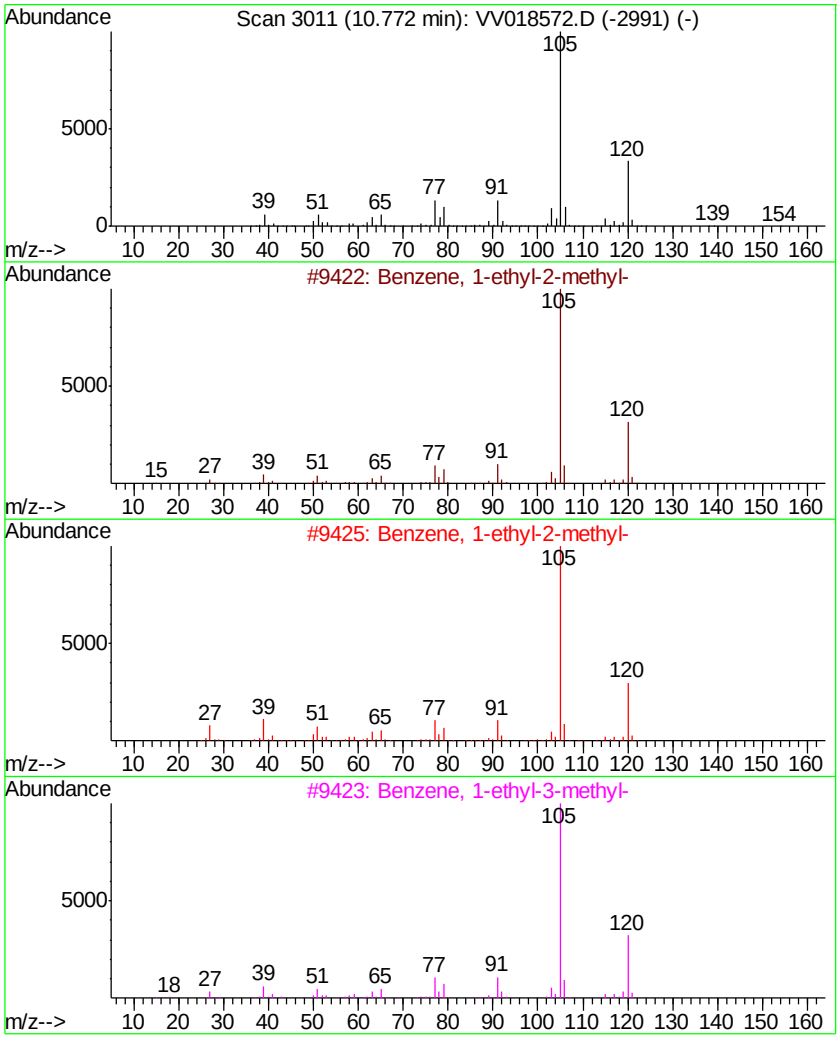
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

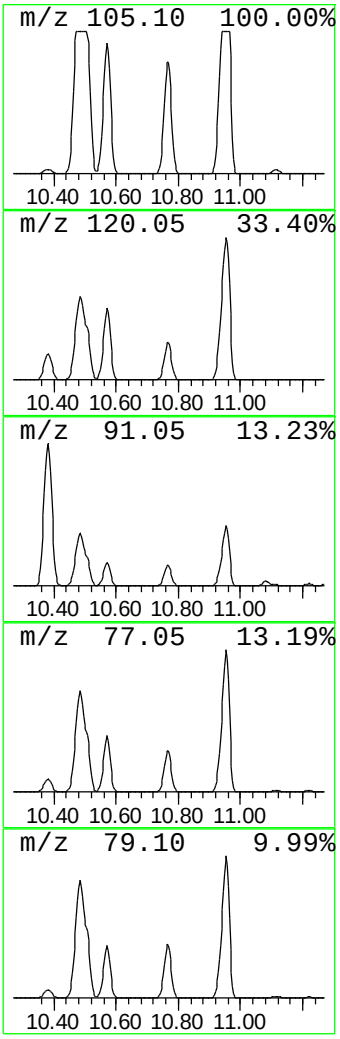
****

Peak Number 35 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	1021.57 ug/L	28649600	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

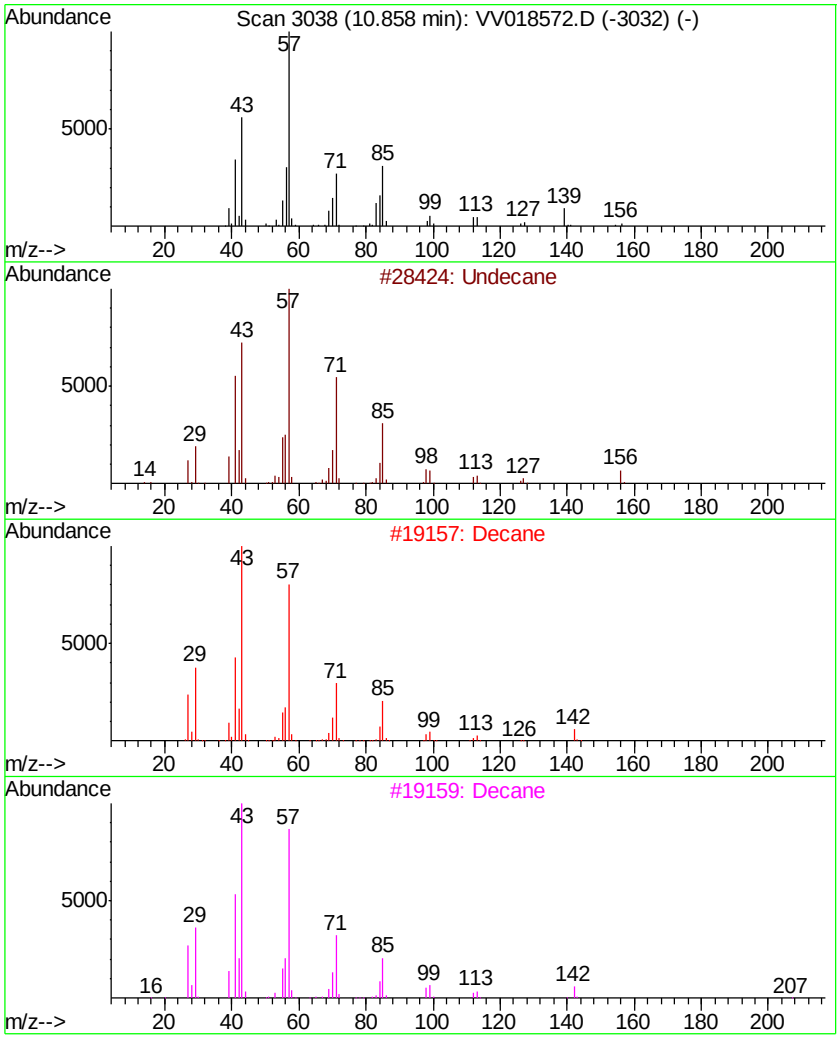
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

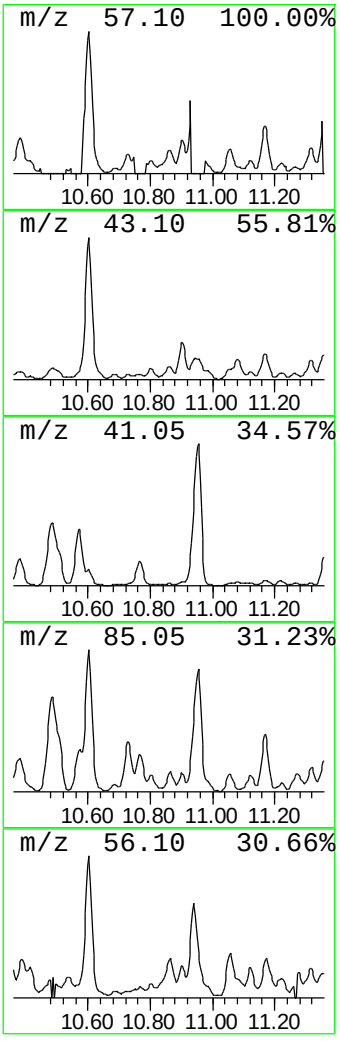
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.73 ug/L	76524	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	59
2	Decane	142	C10H22	000124-18-5	53
3	Decane	142	C10H22	000124-18-5	53
4	Nonane	128	C9H20	000111-84-2	53
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

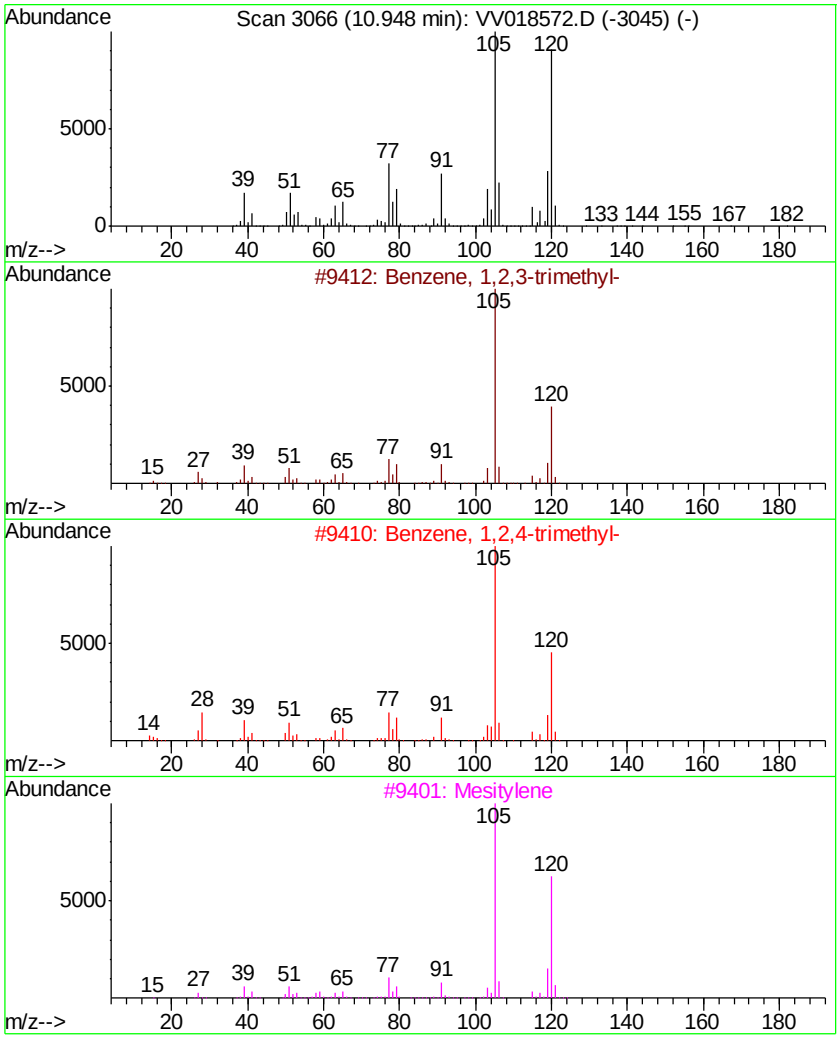
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

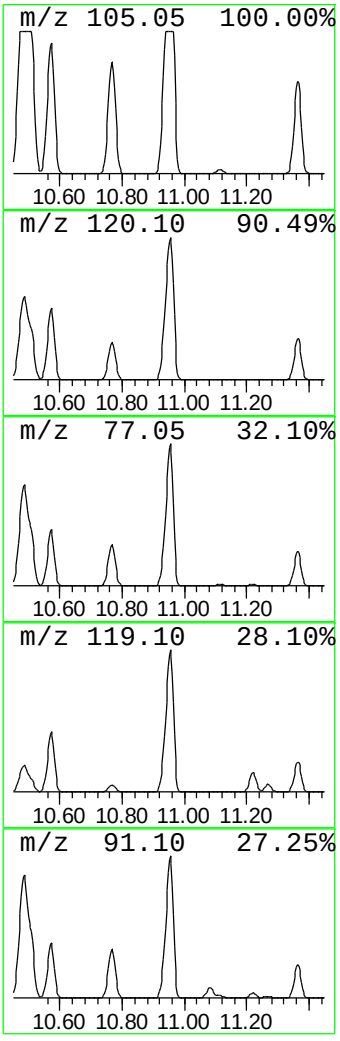
****

Peak Number 37 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3521.77 ug/L	98766500	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	81
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Mesitylene	120	C9H12	000108-67-8	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

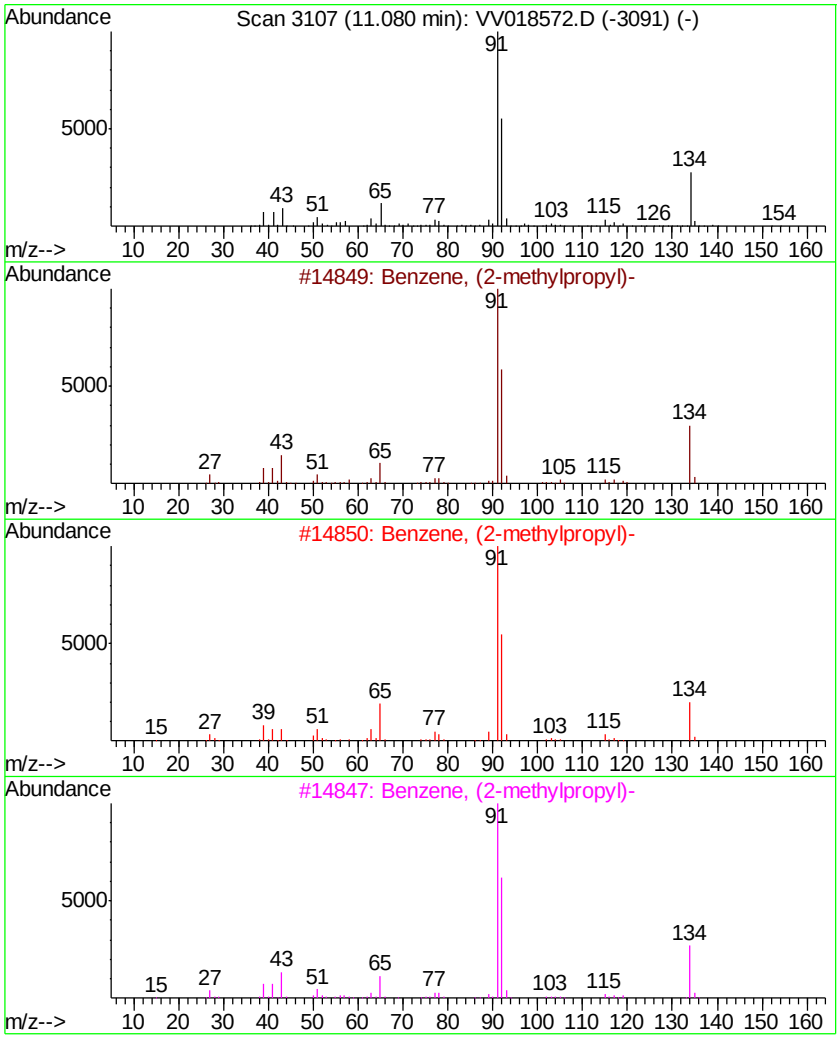
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

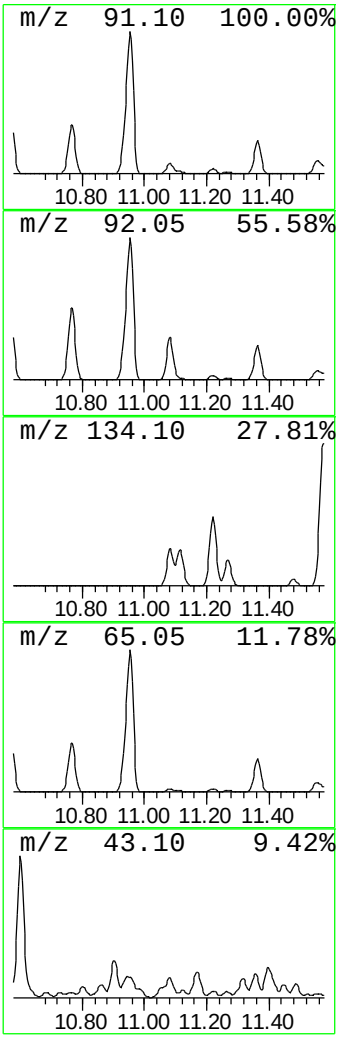
****

Peak Number 38 Benzene, (2-methylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	35.56 ug/L	997284	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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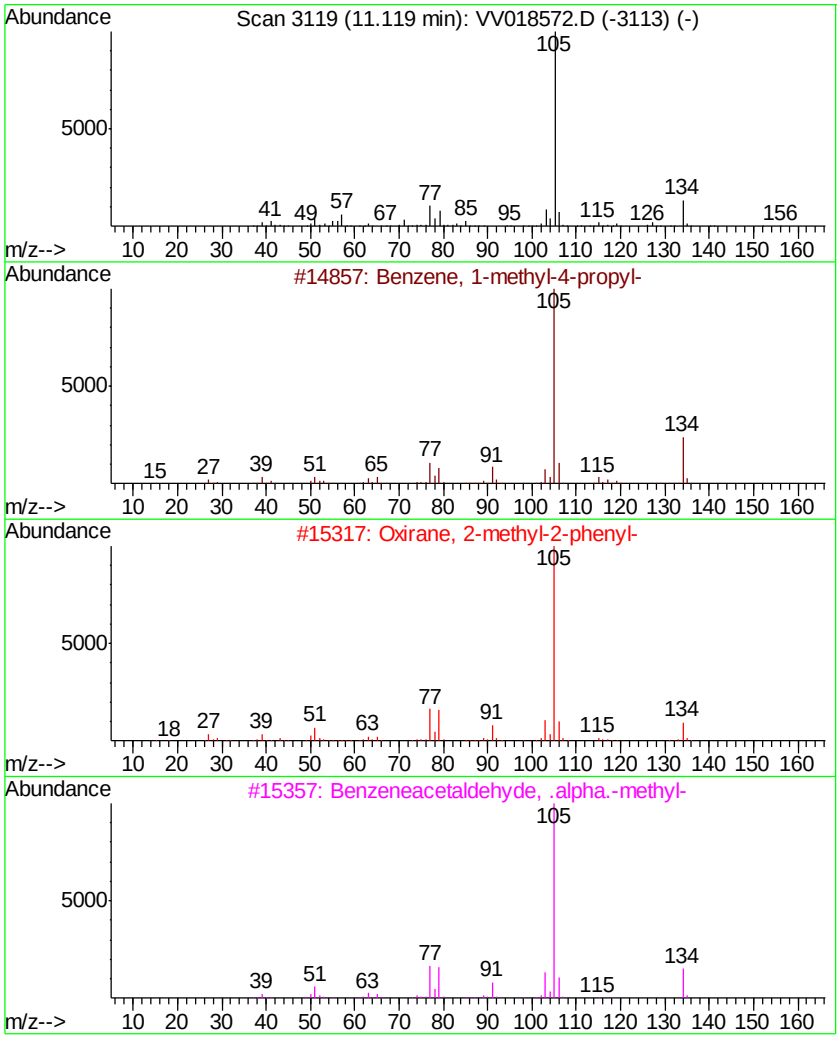
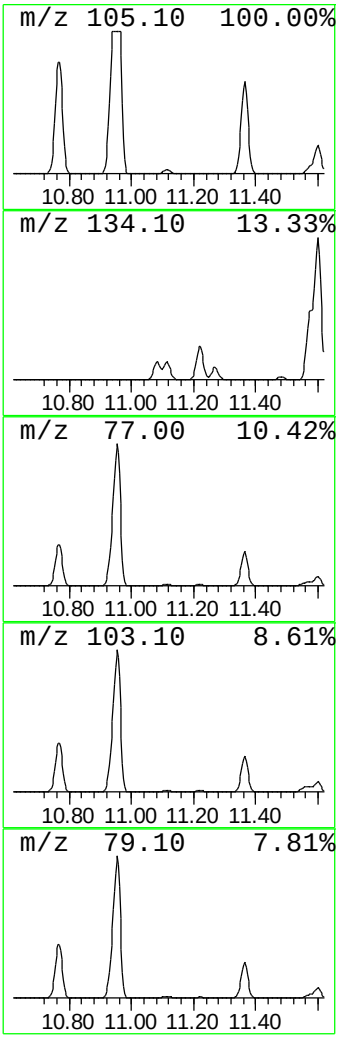
Peak Number 39 Benzene, 1-methyl-4-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	30.13 ug/L	844899	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

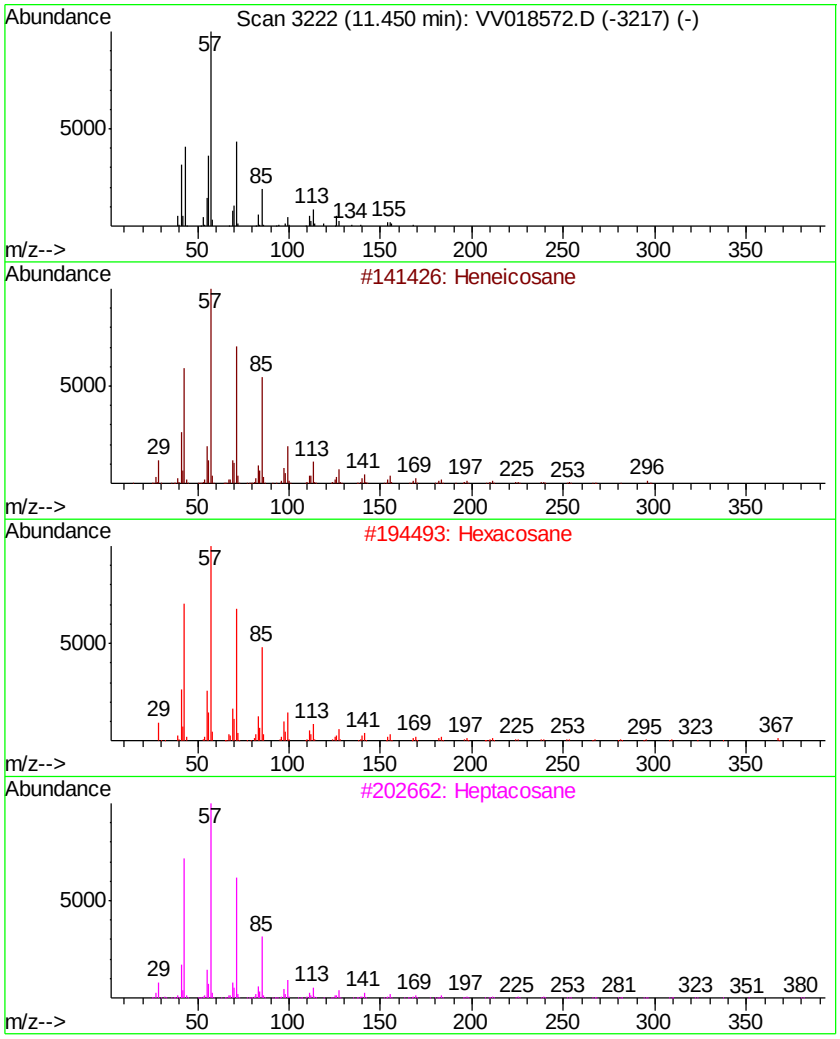
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

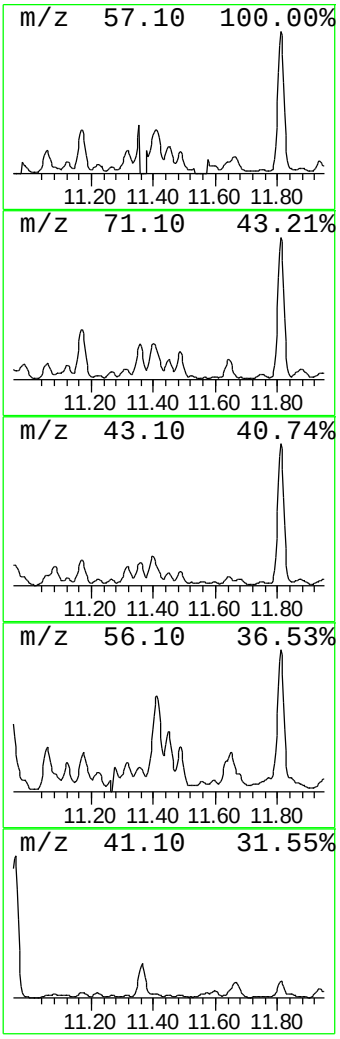
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.66 ug/L	74548	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Hexacosane	366	C26H54	000630-01-3	53
3	Heptacosane	380	C27H56	000593-49-7	50
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

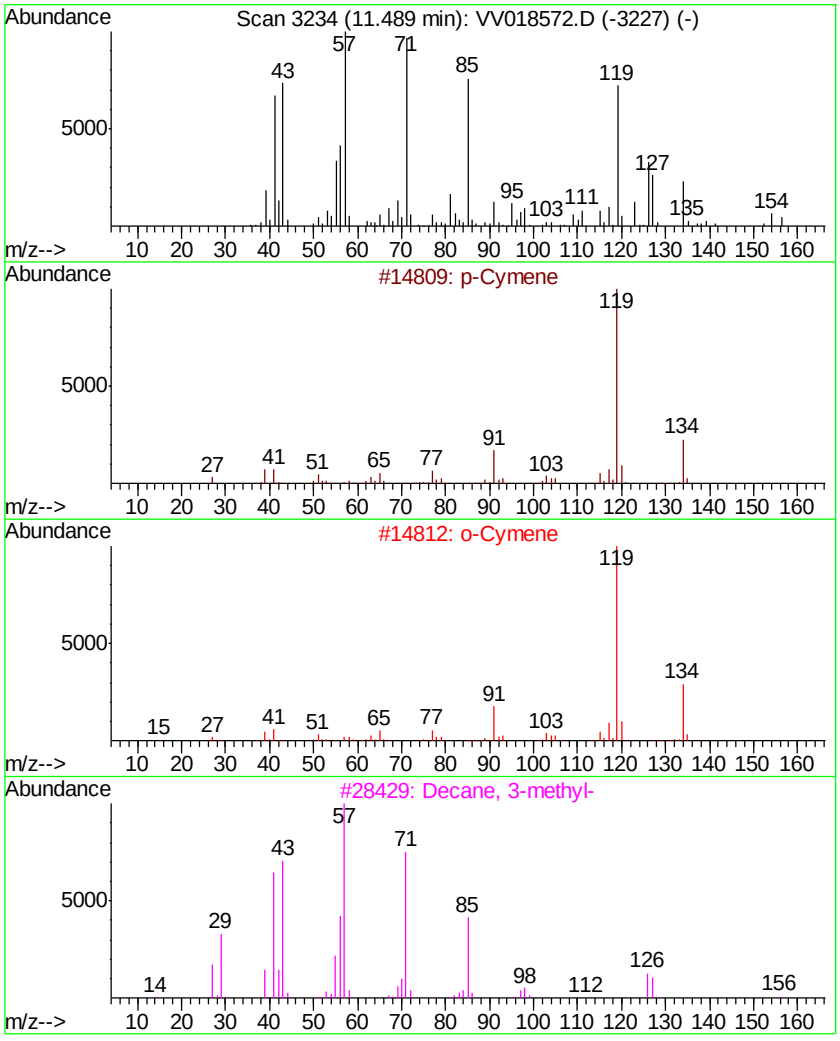
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

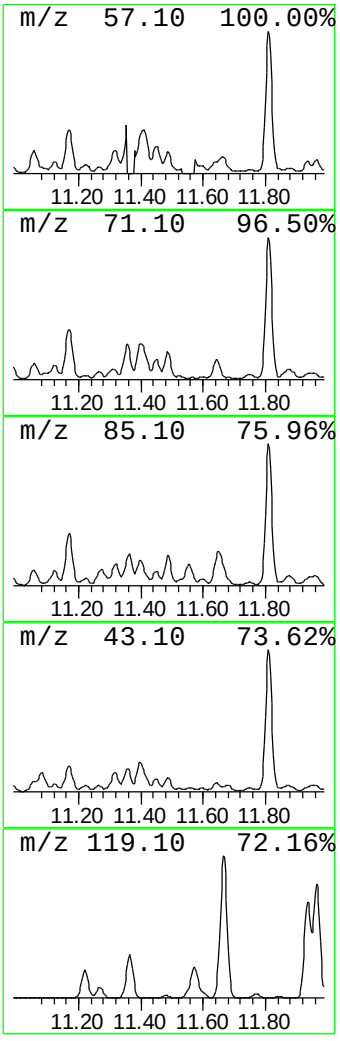
****

Peak Number 42 p-Cymene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	10.11 ug/L	283396	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	74
2	o-Cymene	134	C10H14	000527-84-4	70
3	Decane, 3-methyl-	156	C11H24	013151-34-3	60
4	o-Cymene	134	C10H14	000527-84-4	38
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

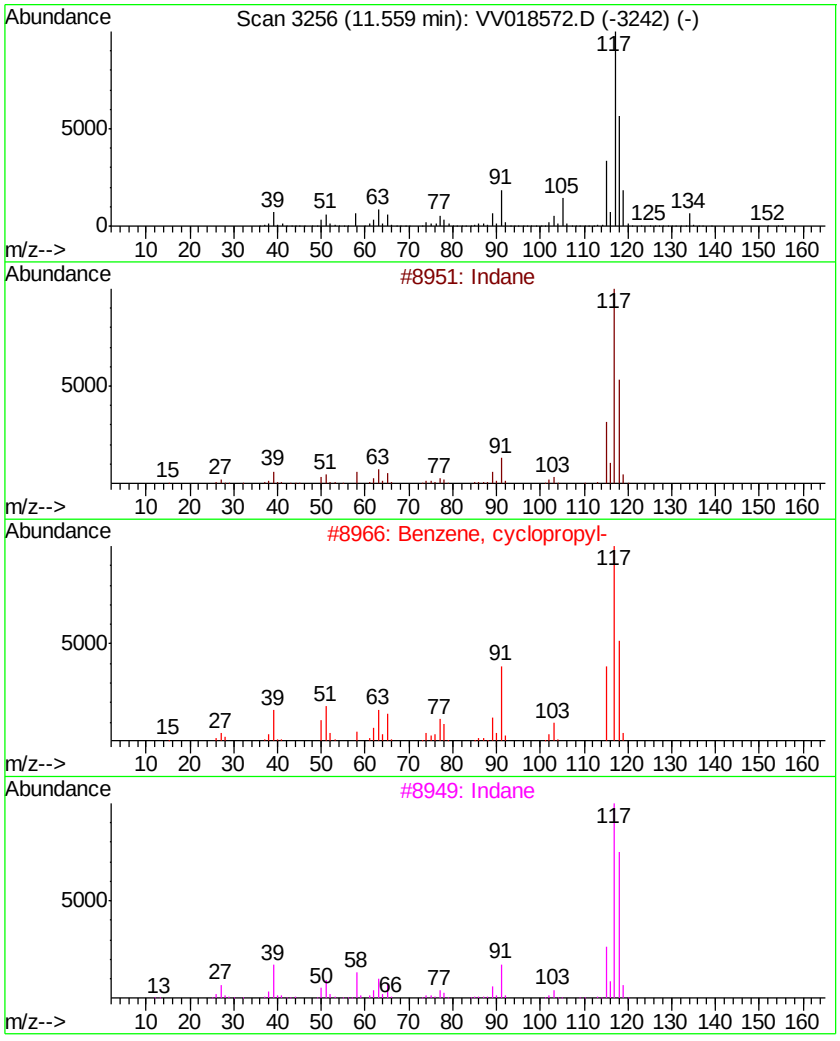
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

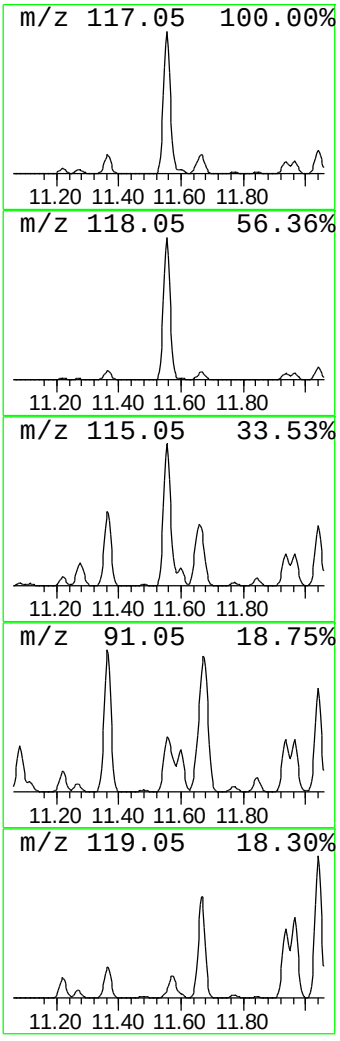
****

Peak Number 43 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	314.40 ug/L	8817280	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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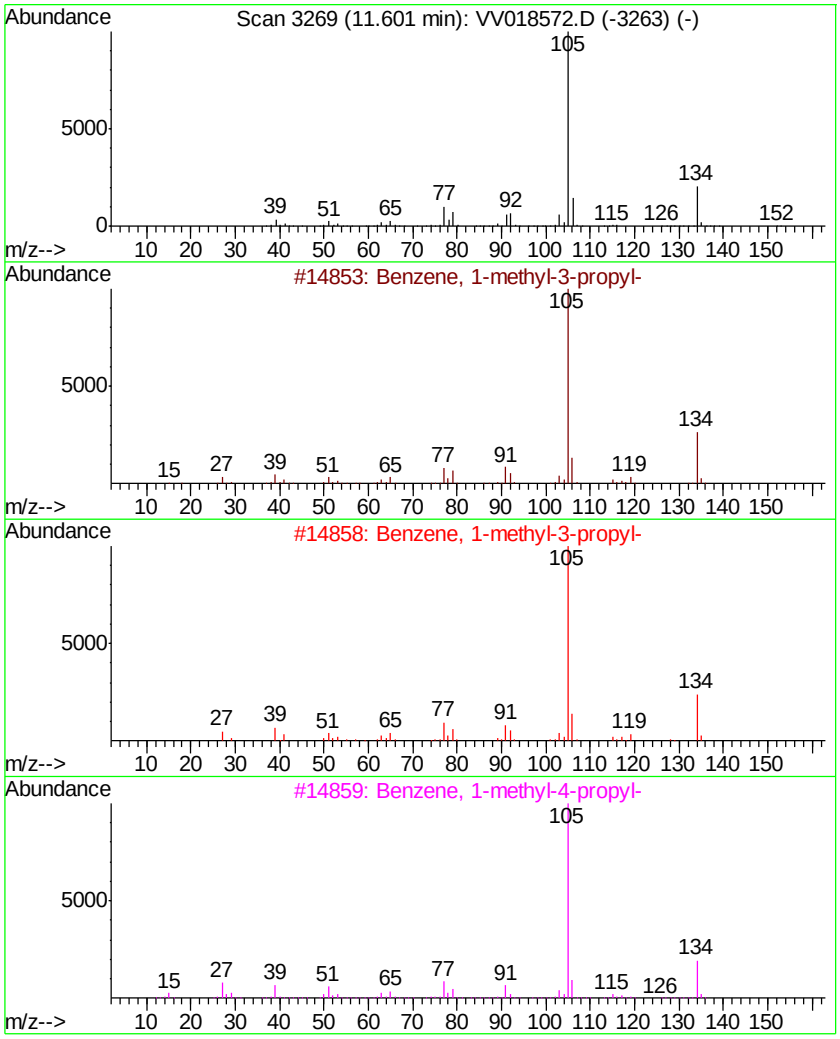
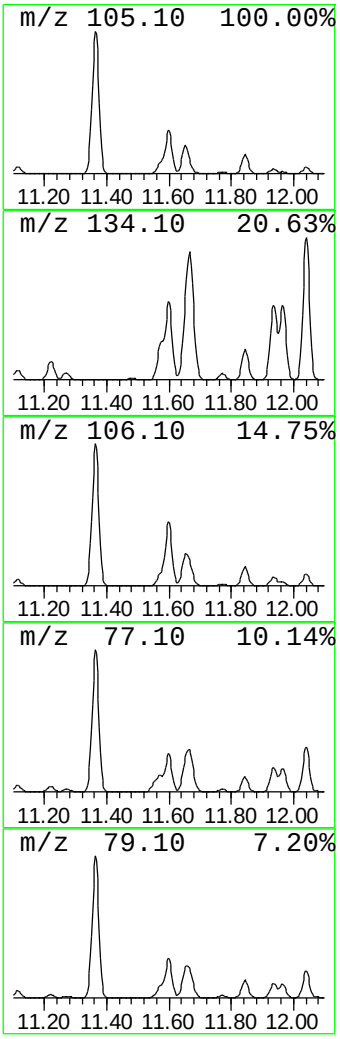
Peak Number 44 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	210.11 ug/L	5892560	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

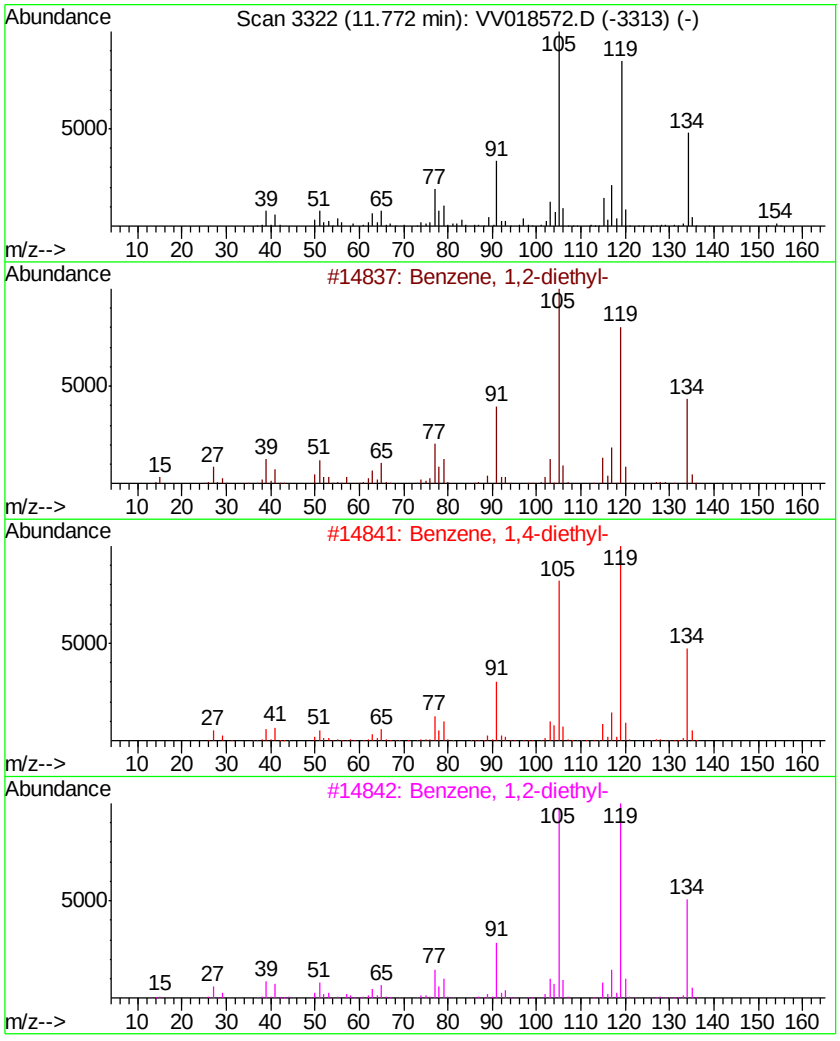
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

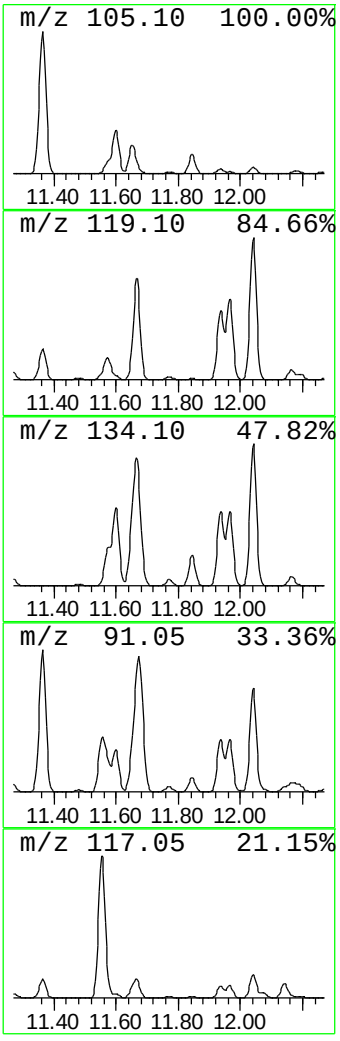
****

Peak Number 45 Benzene, 1,2-diethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	17.80 ug/L	499189	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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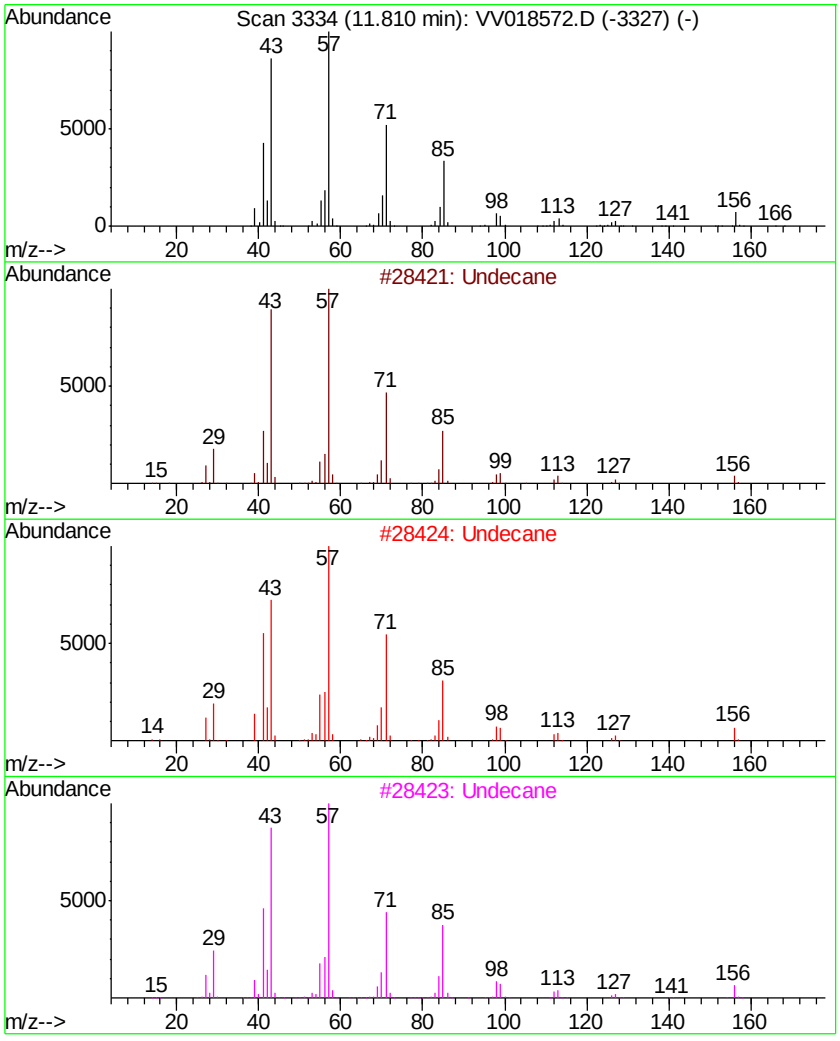
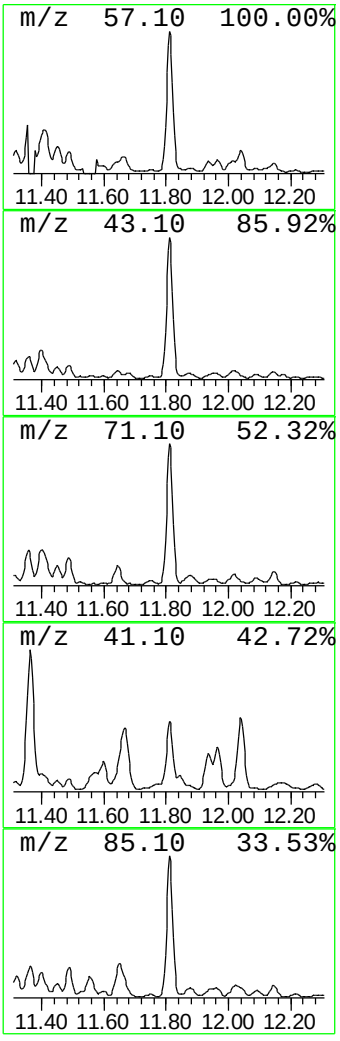
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	32.48 ug/L	910796	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	96
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

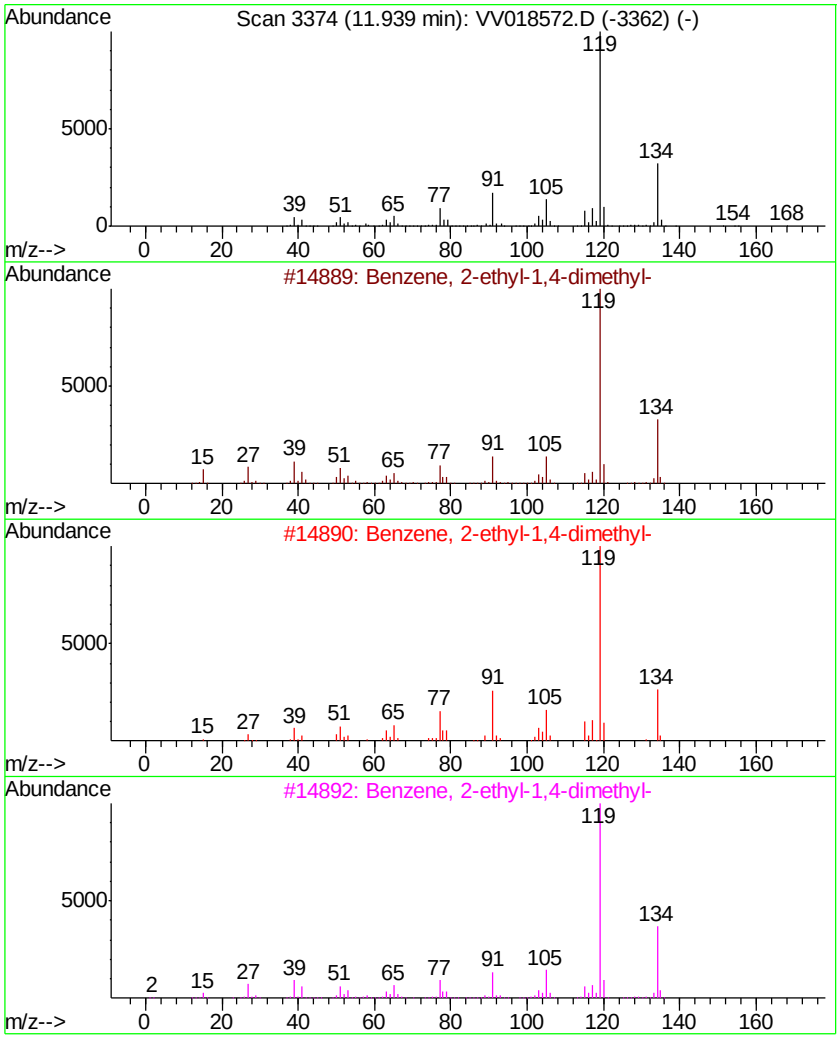
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

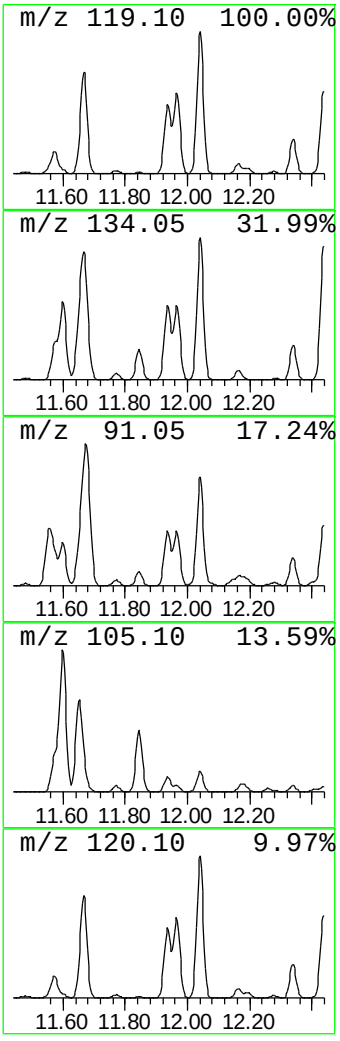
****

Peak Number 48 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	200.48 ug/L	5622420	1,4-Dichlorobenzene-d4	11.28

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	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

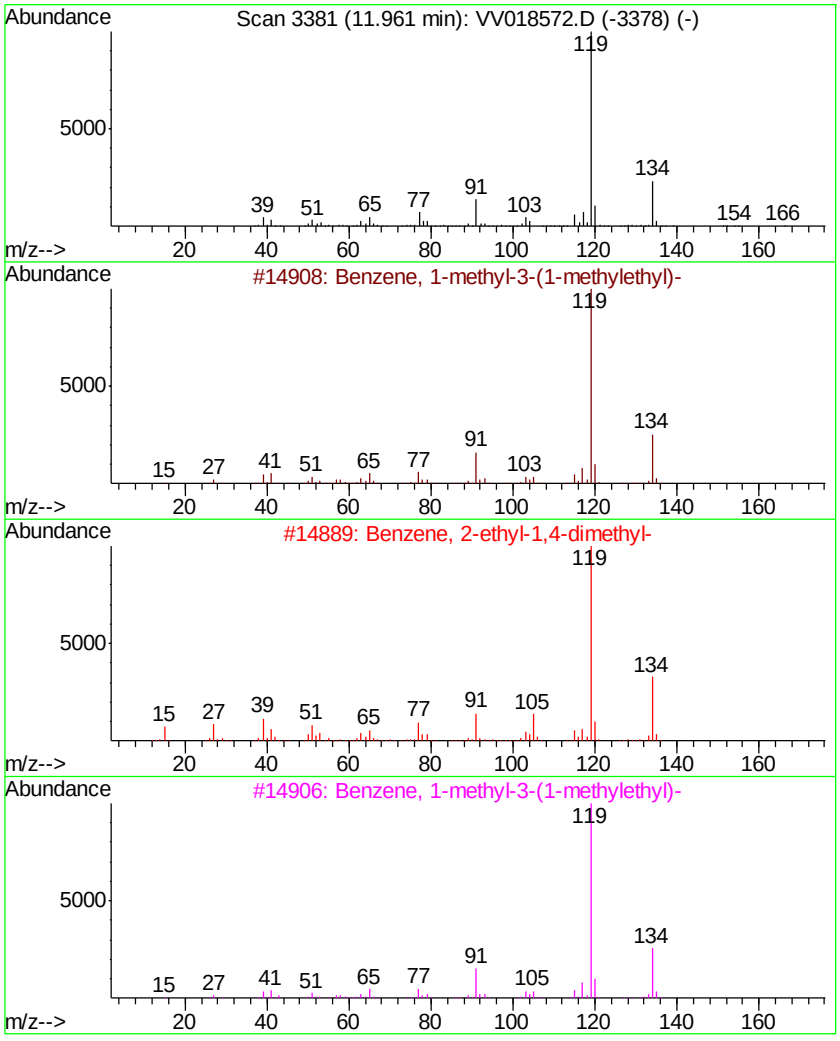
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

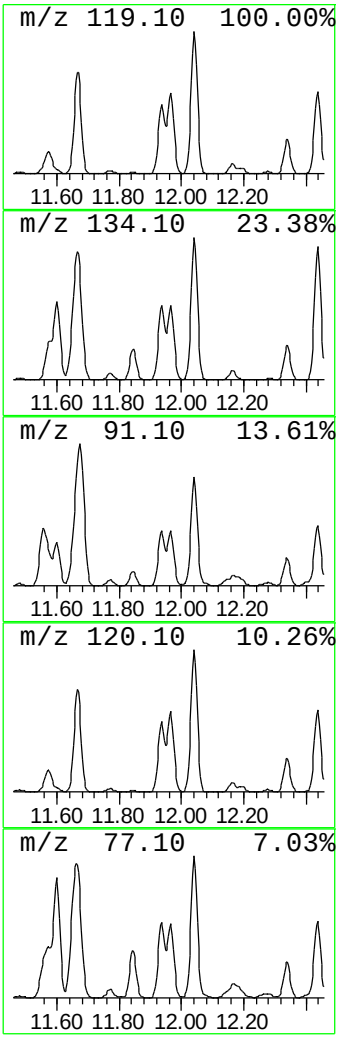
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	175.88 ug/L	4932520	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

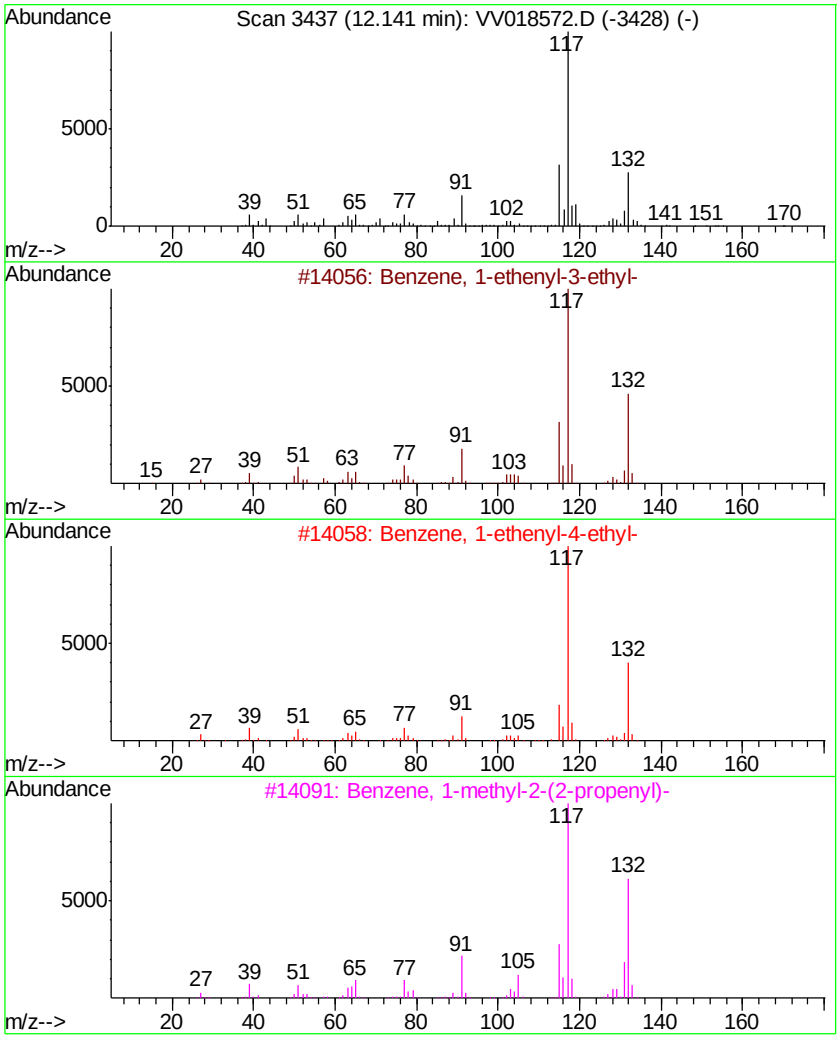
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

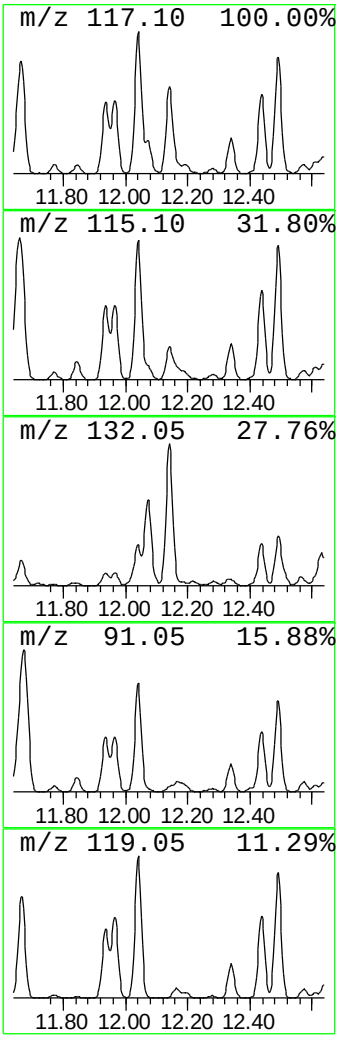
****

Peak Number 51 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	19.27 ug/L	540314	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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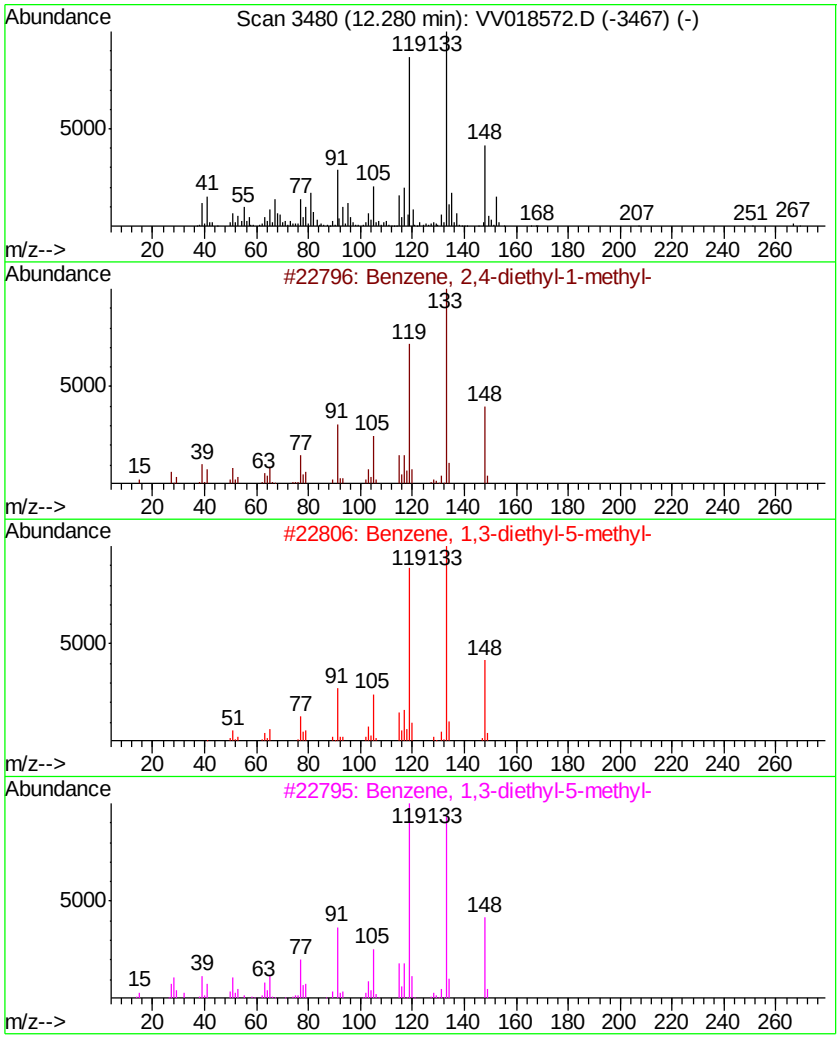
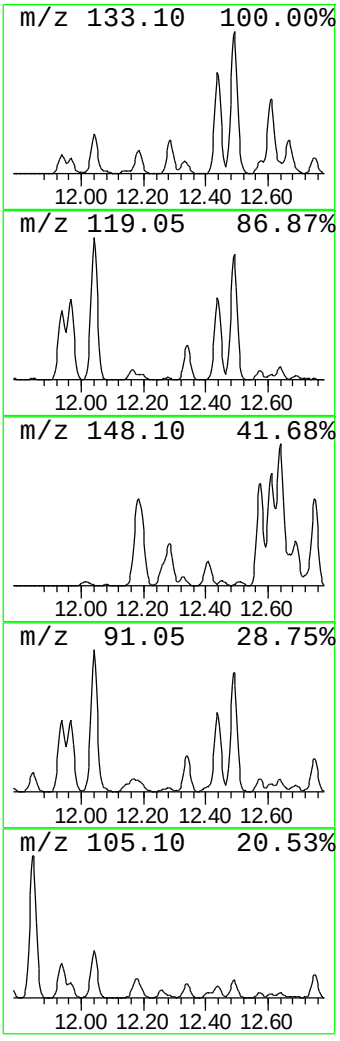
Peak Number 52 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	21.17 ug/L	593580	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	96
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

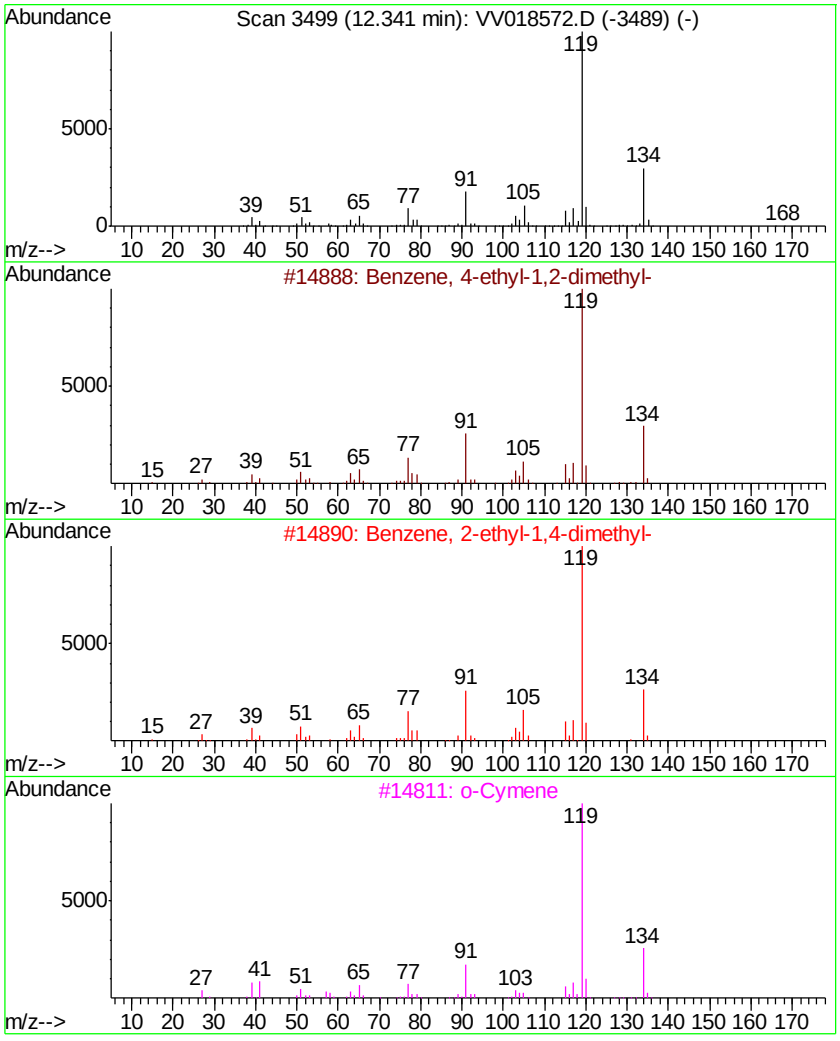
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

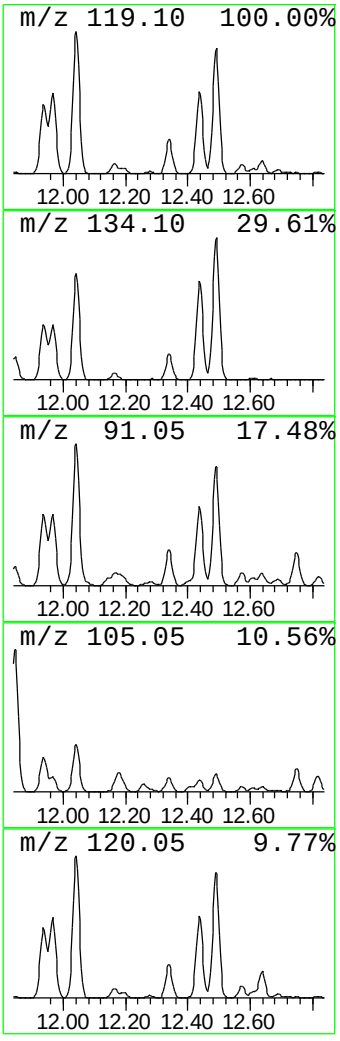
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	88.13 ug/L	2471530	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

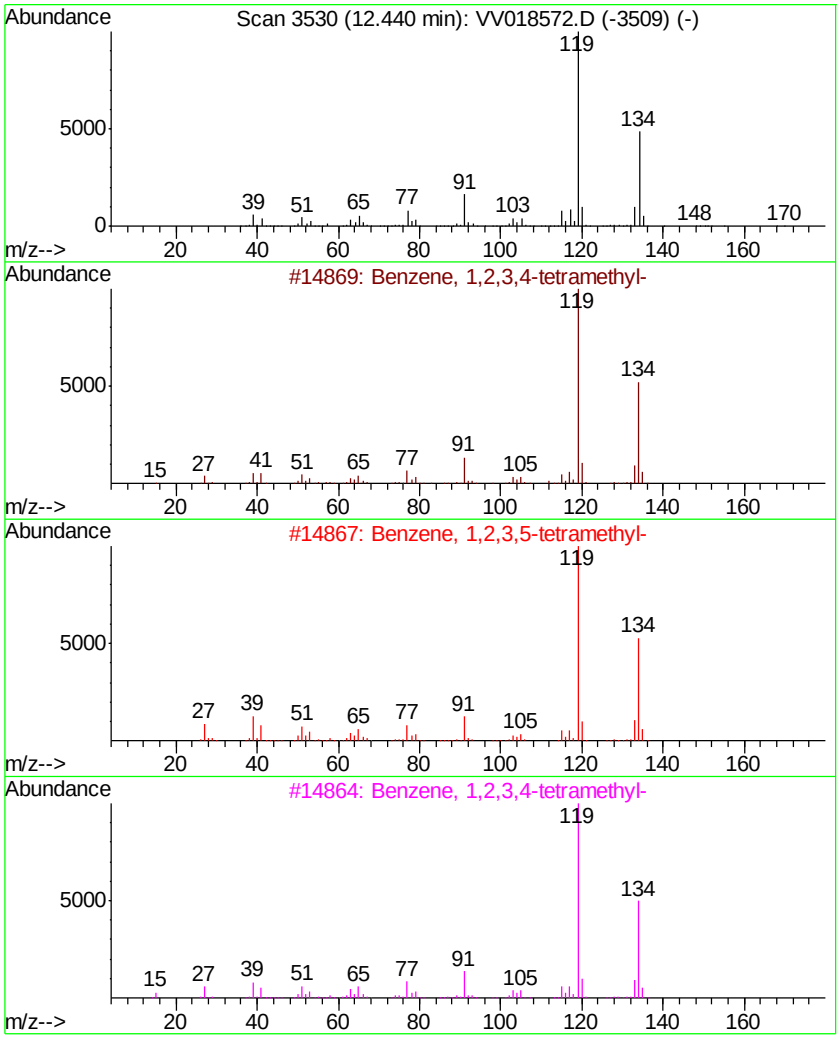
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

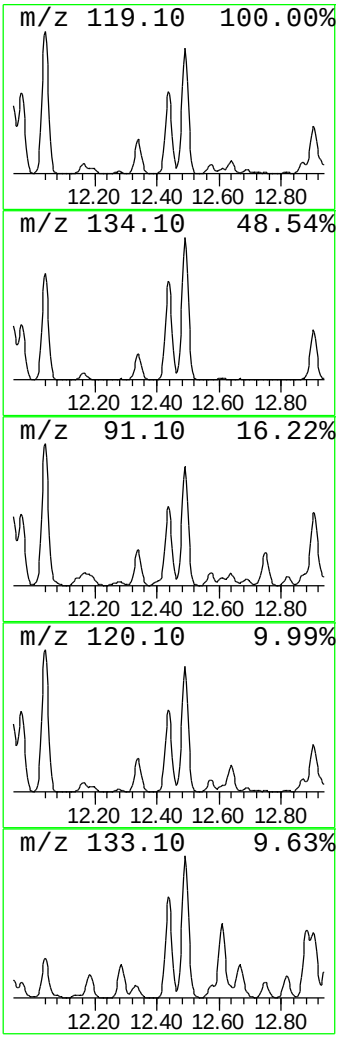
****

Peak Number 54 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	243.37 ug/L	6825070	1,4-Dichlorobenzene-d4	11.28

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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

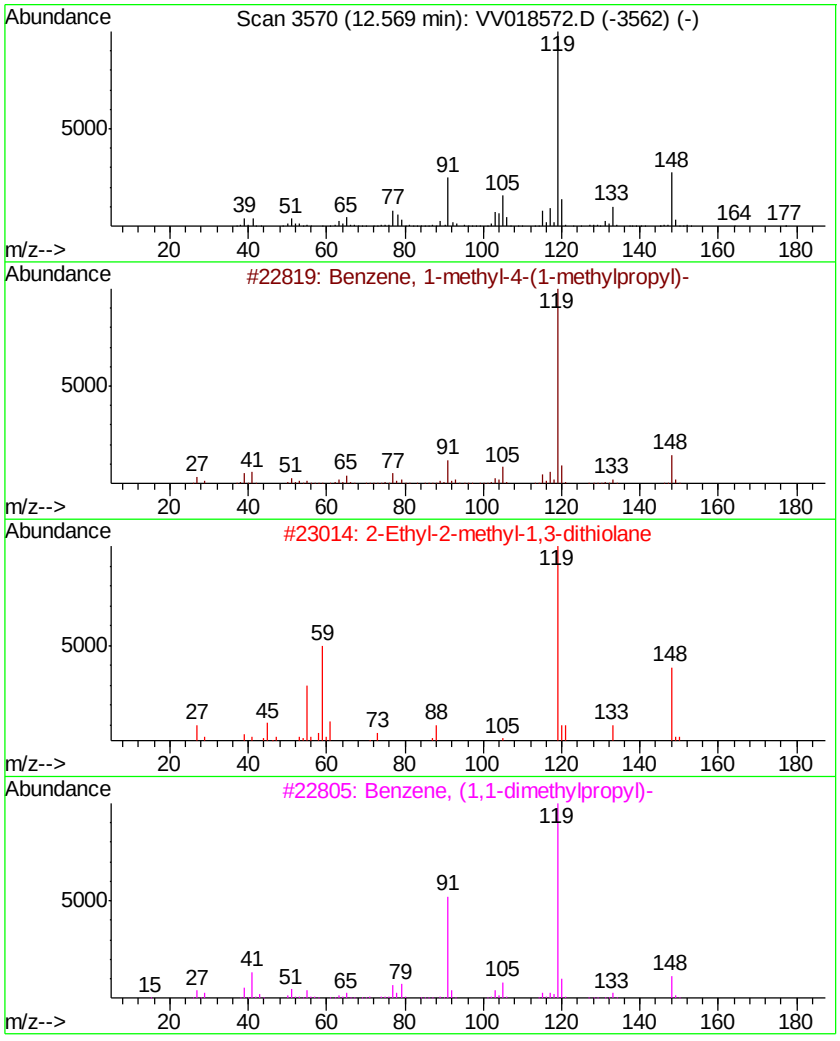
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

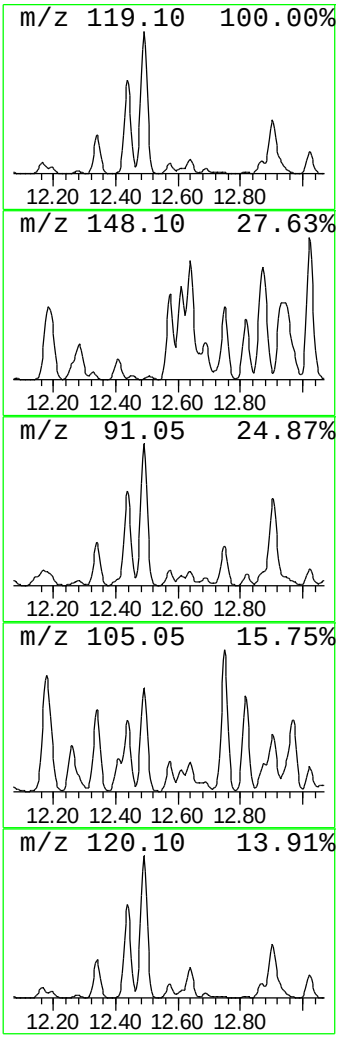
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	25.75 ug/L	722100	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	72
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

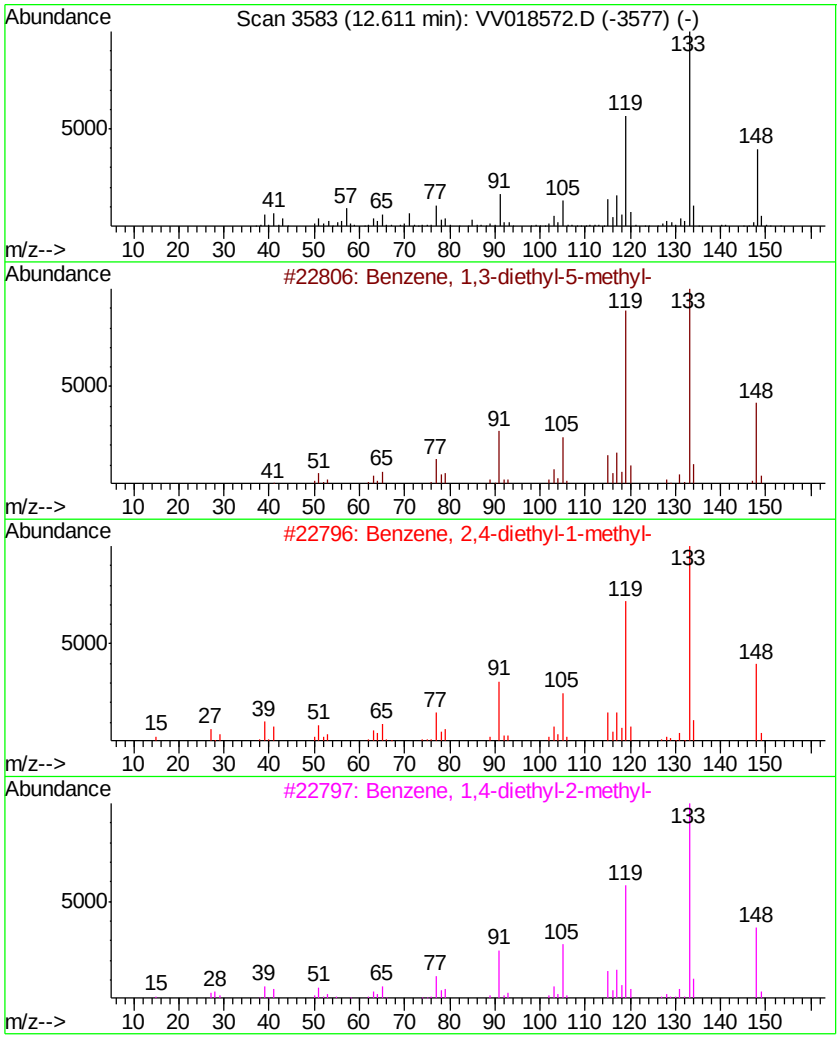
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

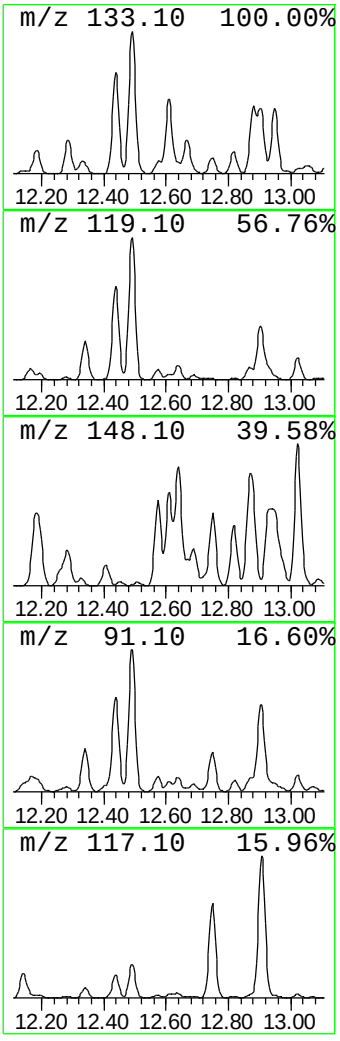
****

Peak Number 57 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	17.47 ug/L	489913	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	95
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

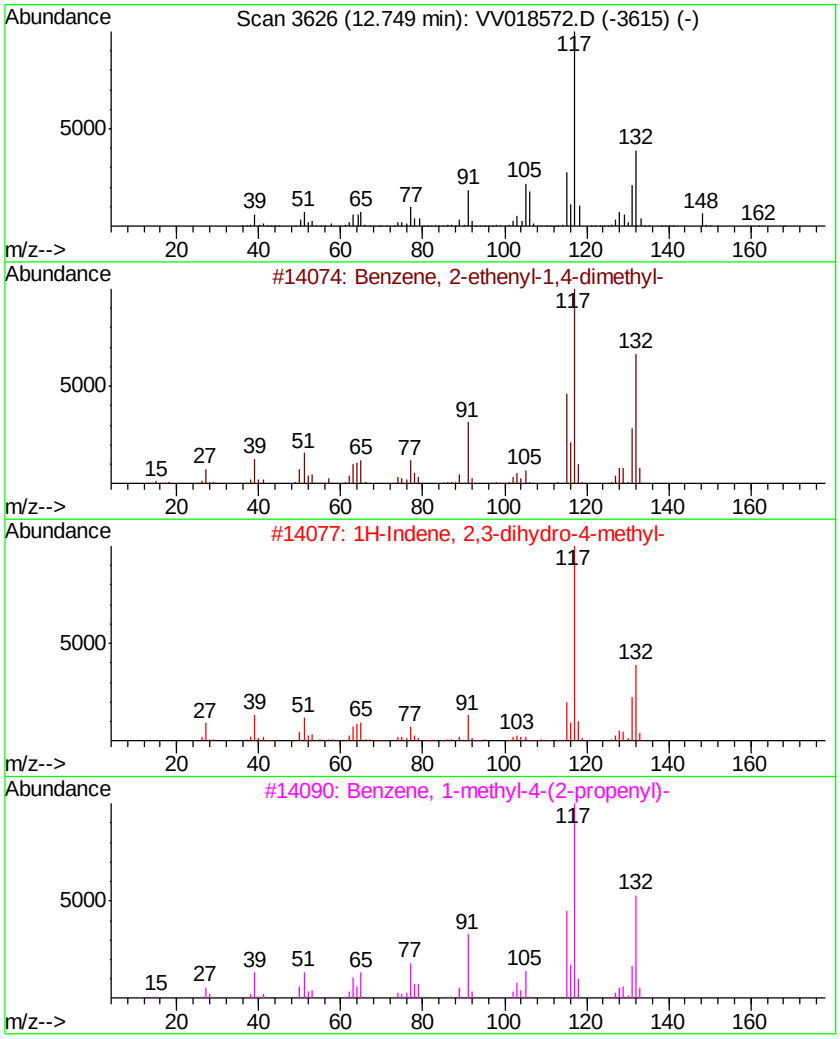
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

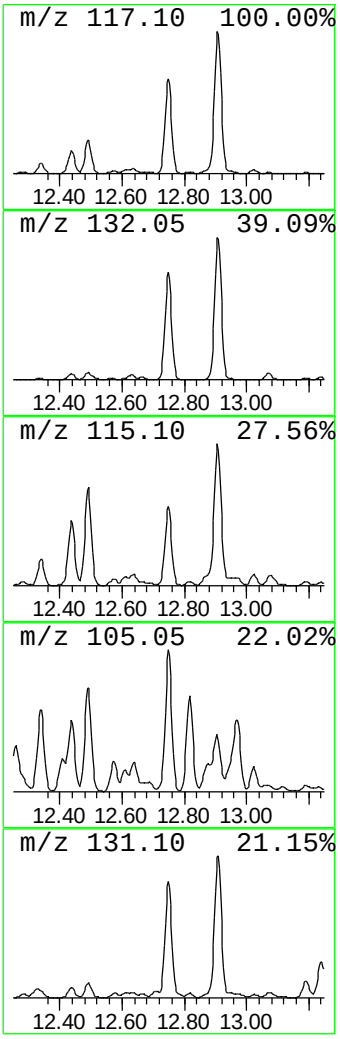
****

Peak Number 59 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	114.73 ug/L	3217540	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

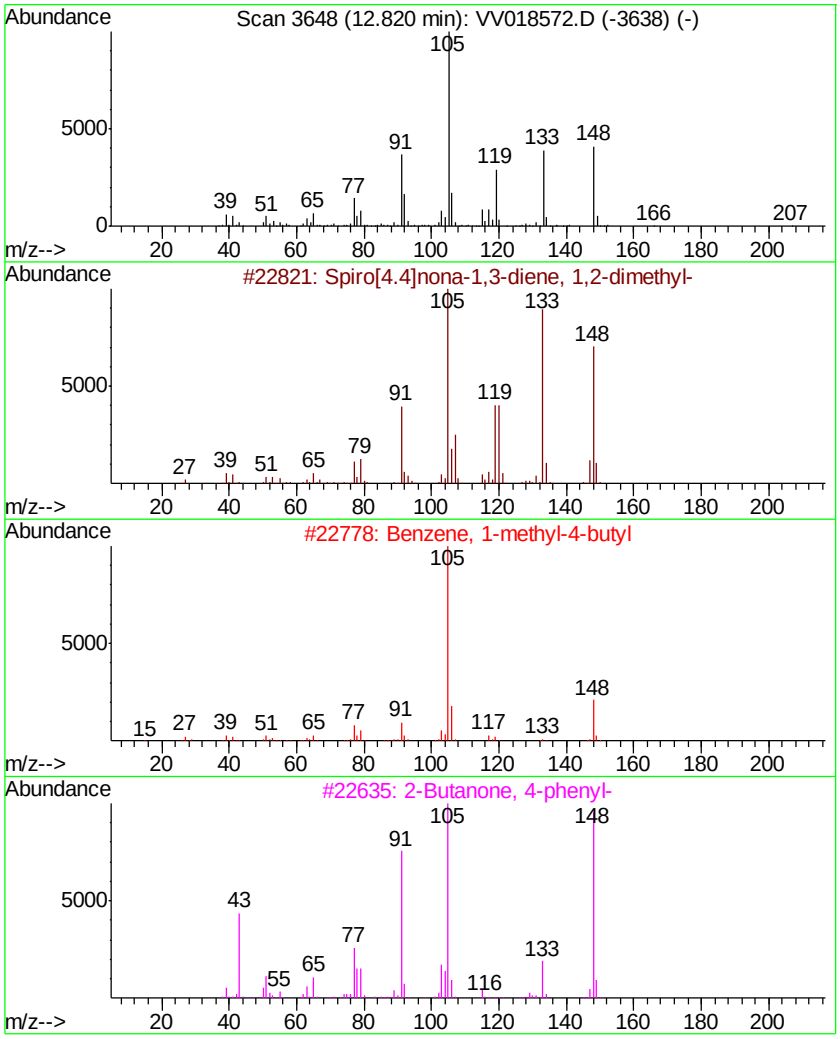
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

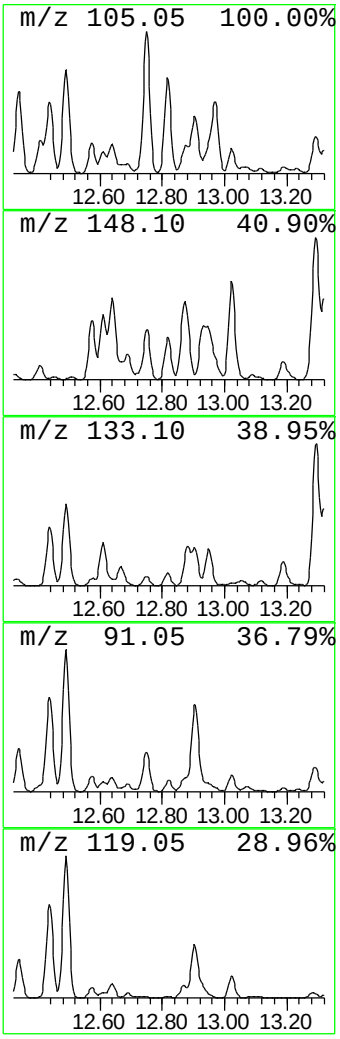
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	17.69 ug/L	495967	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	87
2	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
3	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	41
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

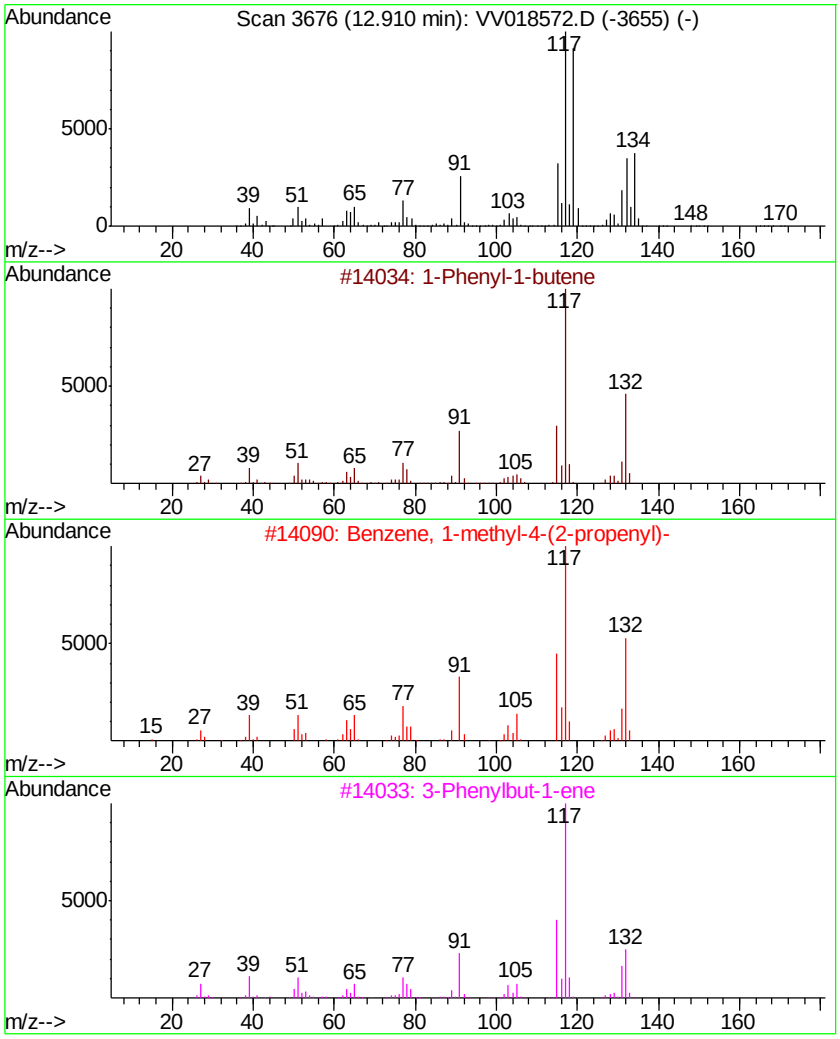
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

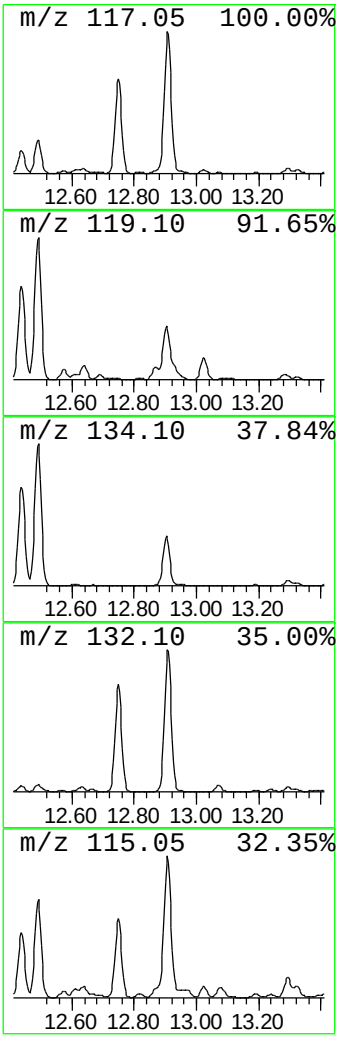
****

Peak Number 61 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	338.06 ug/L	9480670	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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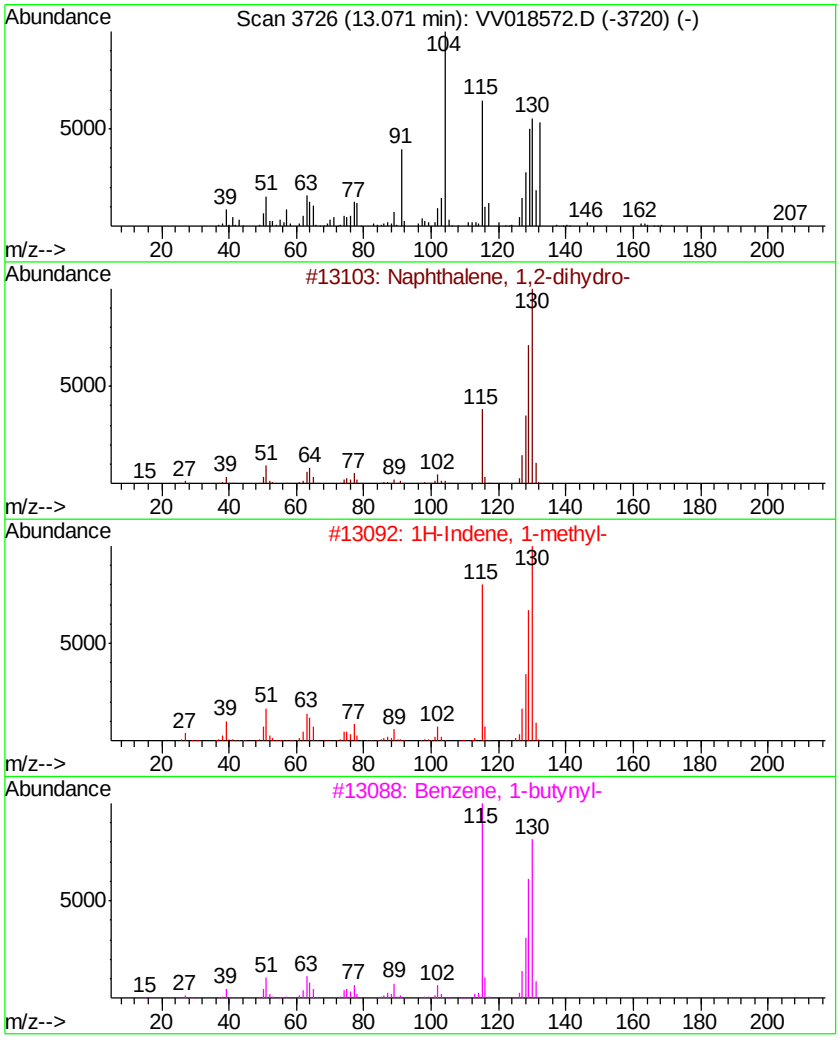
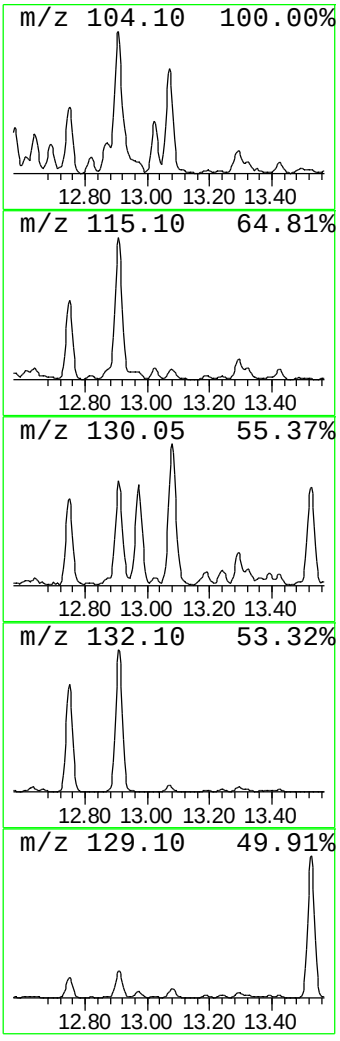
Peak Number 63 Naphthalene, 1,2-dihydro- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	8.91 ug/L	249946	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	50
4	2-Methylindene	130	C10H10	002177-47-1	50
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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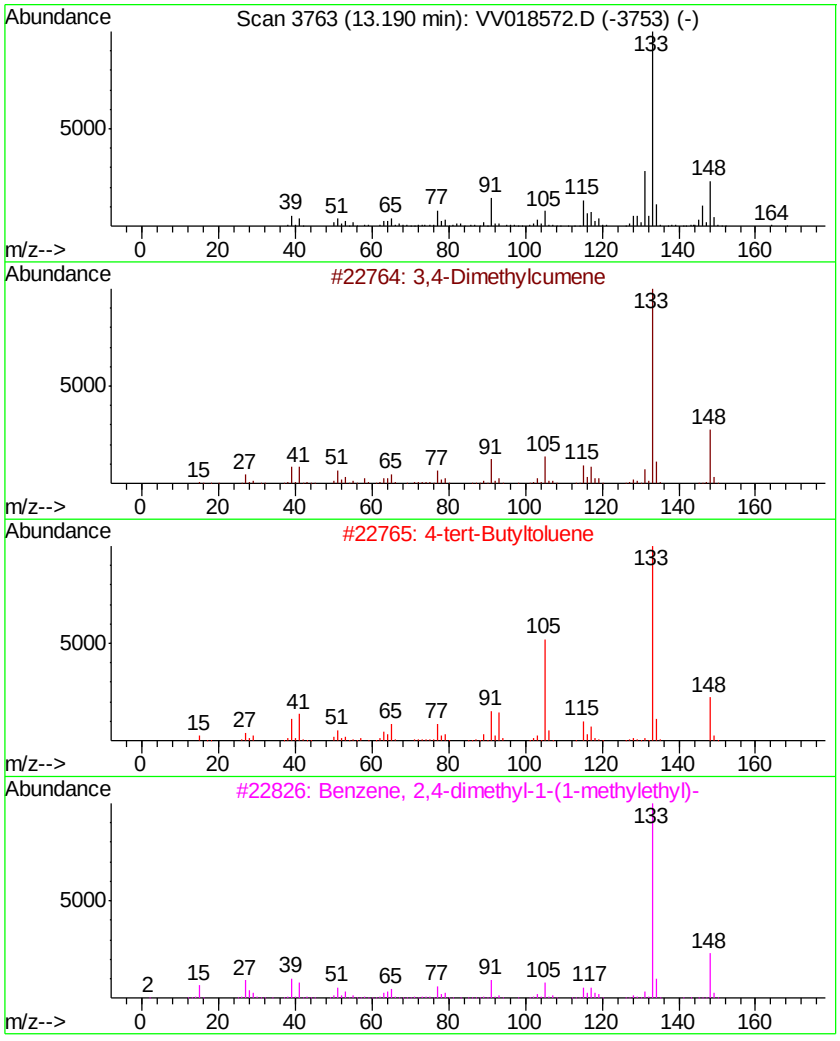
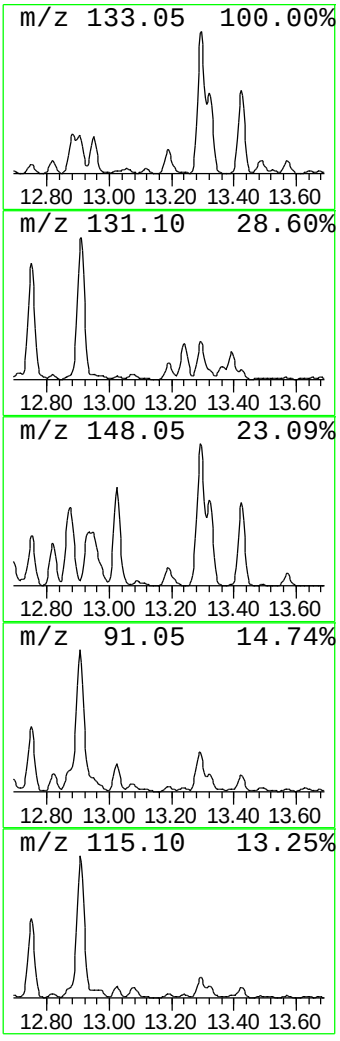
Peak Number 64 3,4-Dimethylcumene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	11.68 ug/L	327520	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	68
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	62
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	62
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	62
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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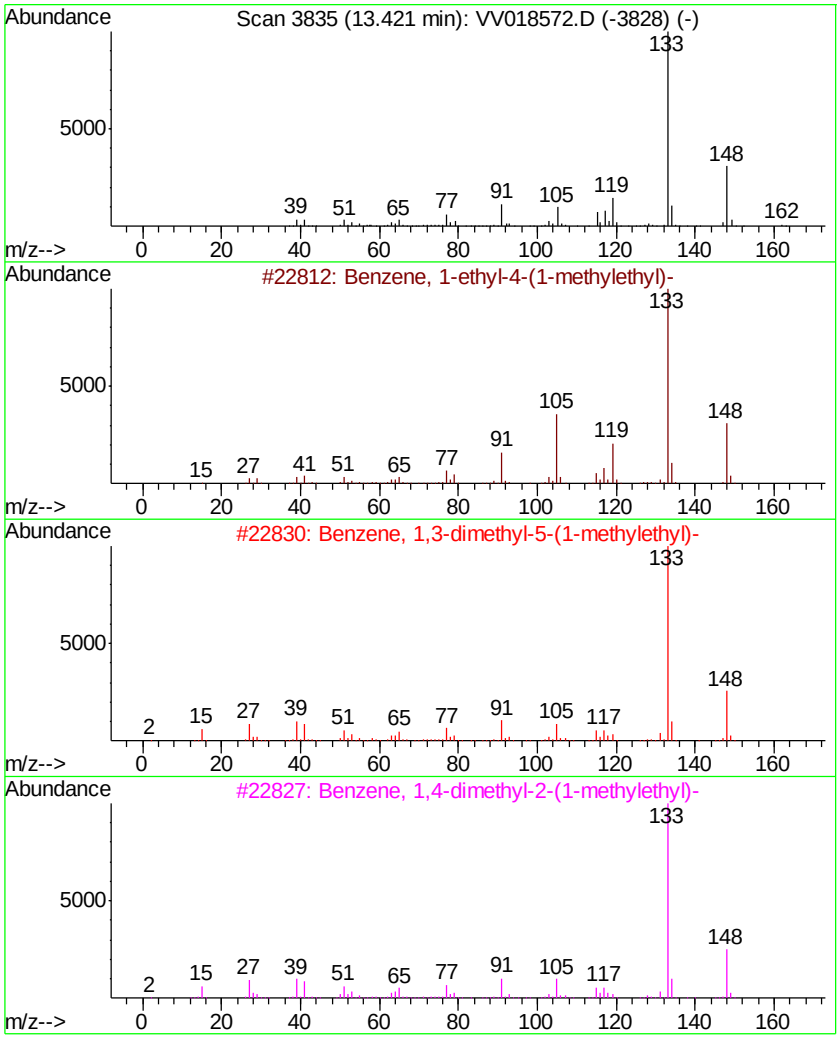
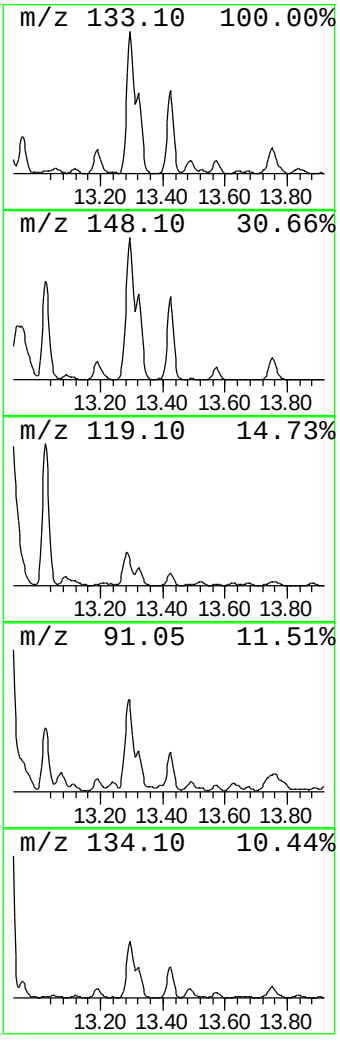
Peak Number 65 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	29.37 ug/L	823641	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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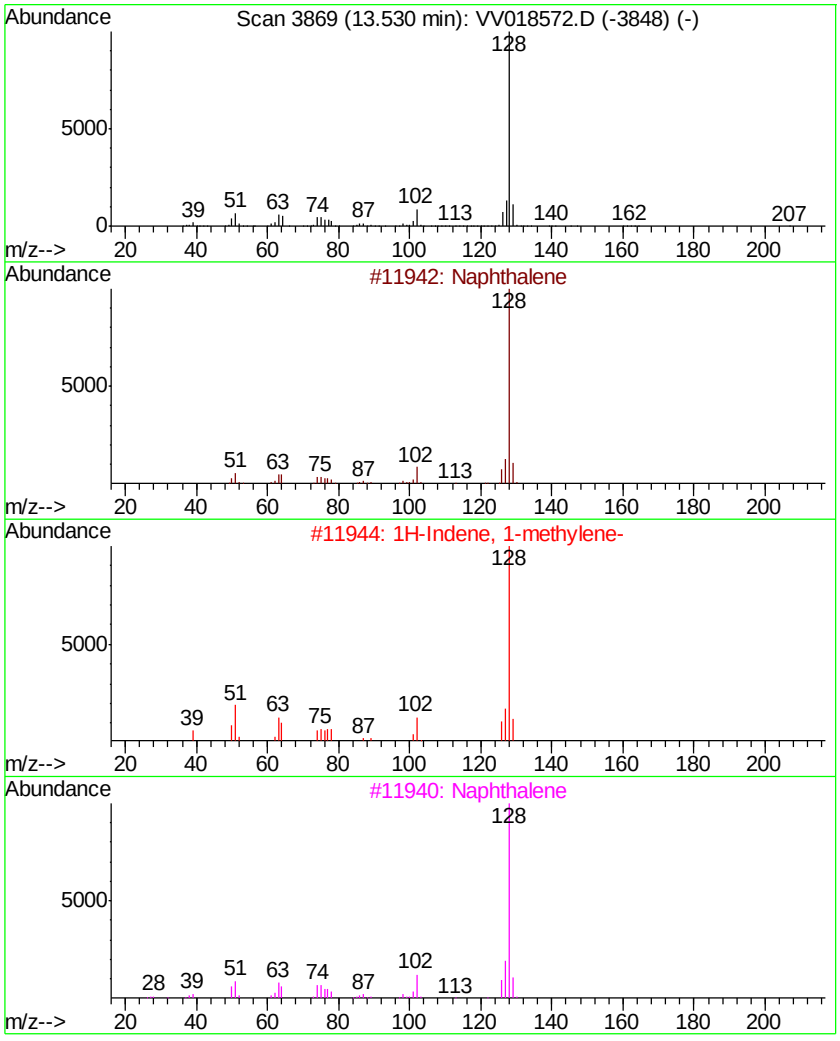
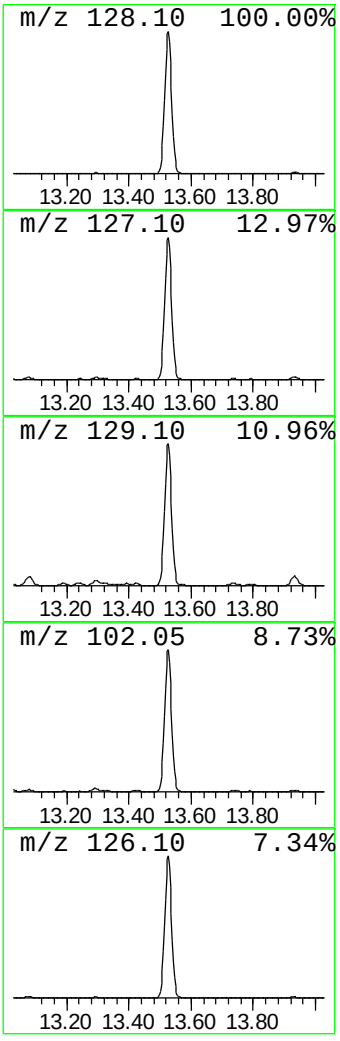
Peak Number 66 1H-Indene, 1-methylene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	244.37 ug/L	6853210	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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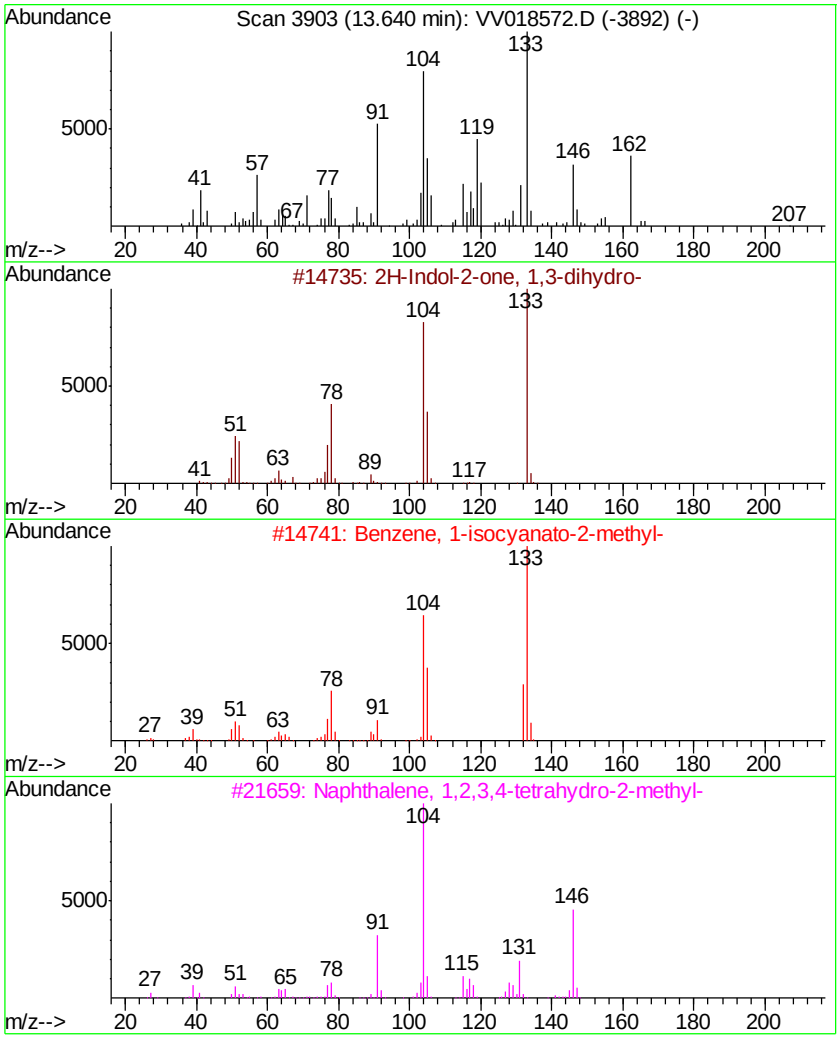
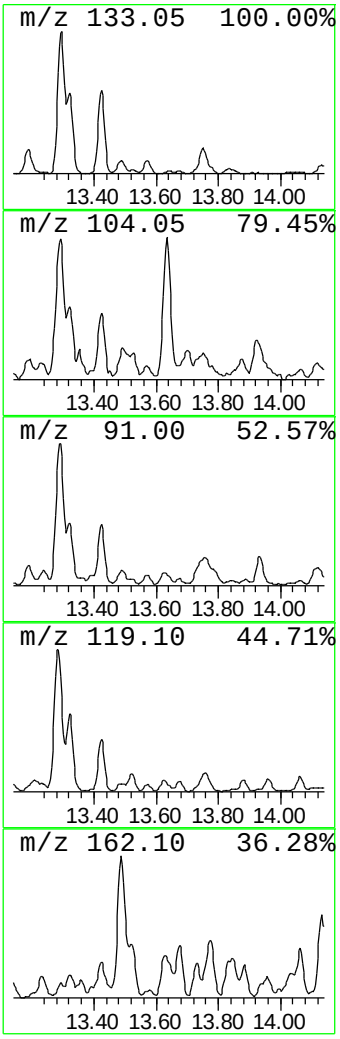
Peak Number 67 unknown-01 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.56 ug/L	99779	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	43
2	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	35
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	35
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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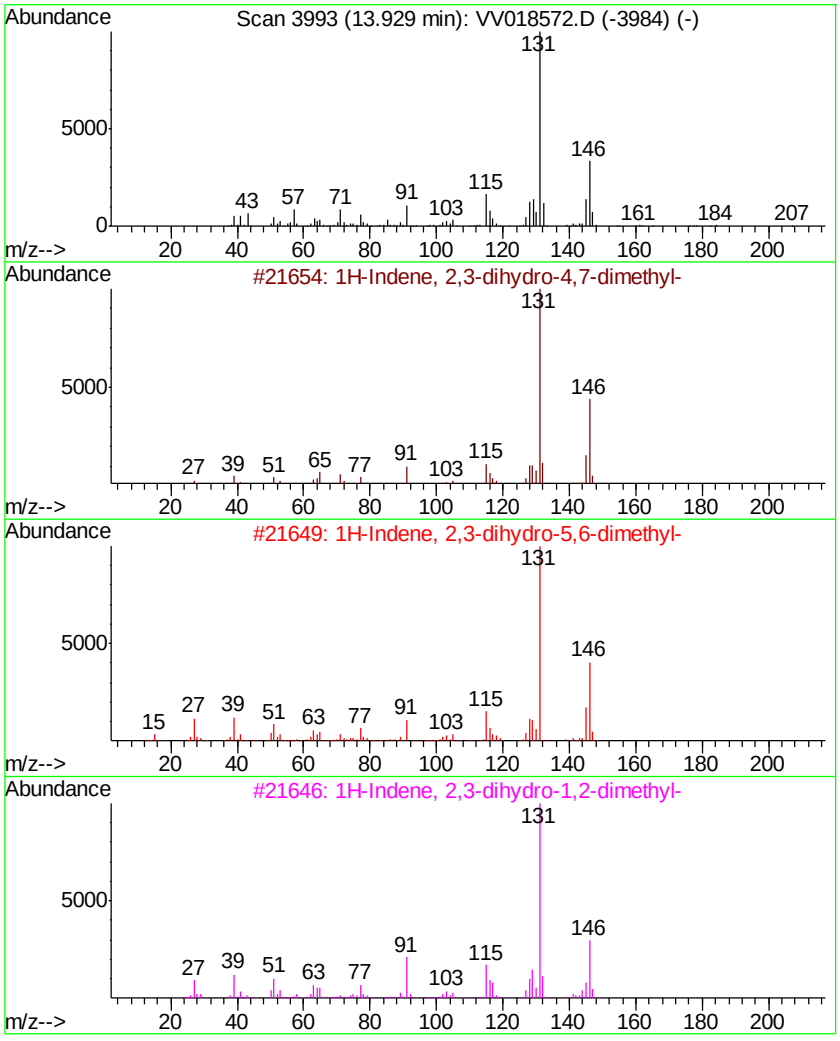
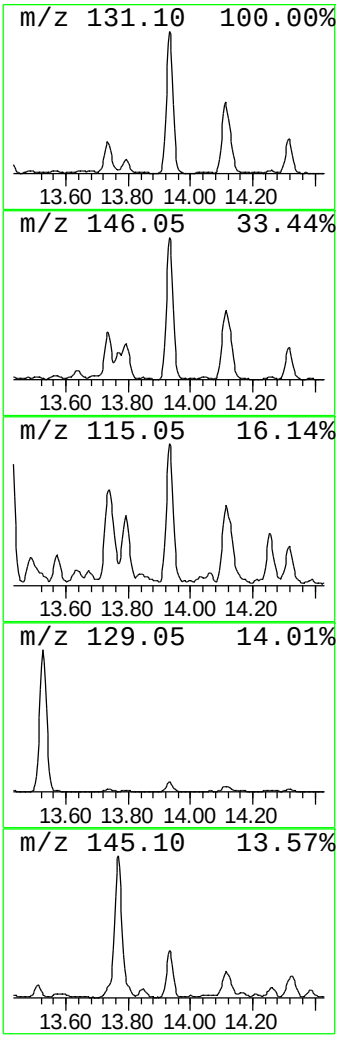
Peak Number 68 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	22.52 ug/L	631566	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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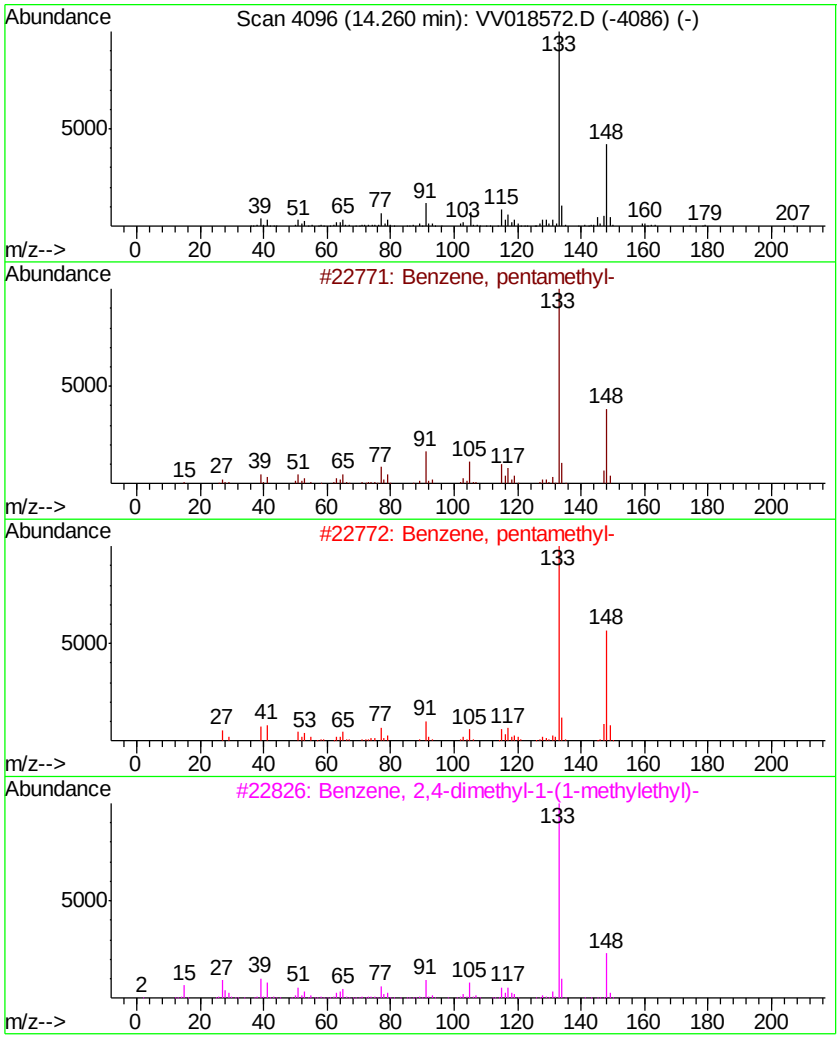
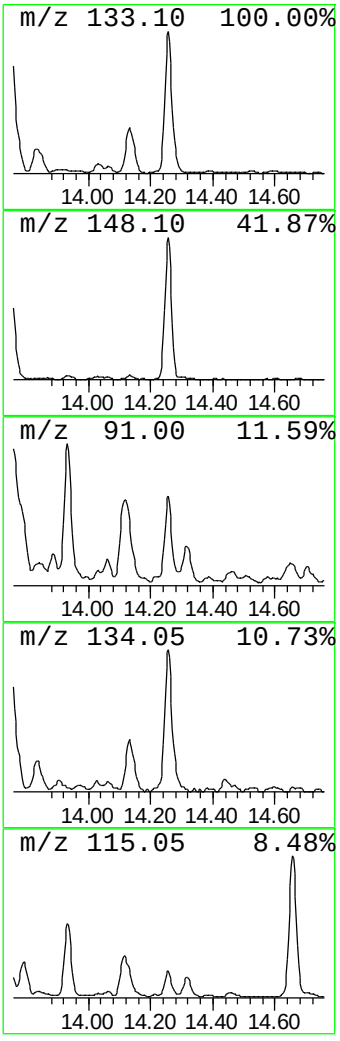
Peak Number 70 Benzene, pentamethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	10.04 ug/L	281453	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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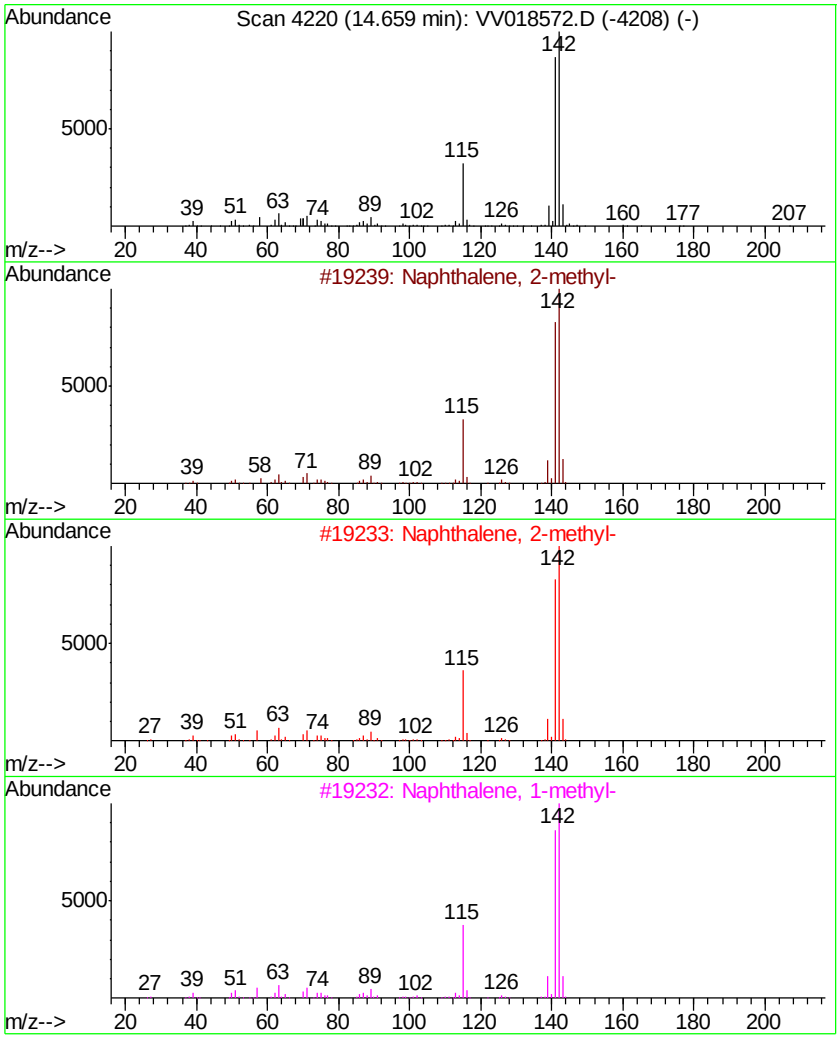
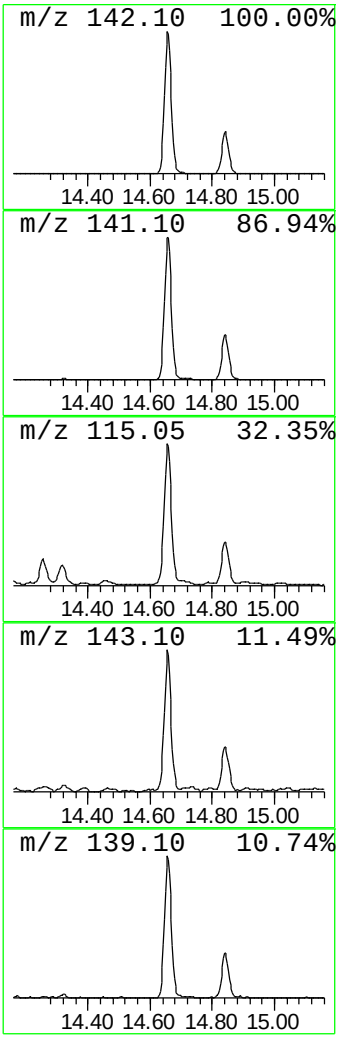
Peak Number 72 Naphthalene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	20.44 ug/L	573293	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018572.D
Acq On : 30 Sep 2020 16:16
Operator : SY/MD
Sample : L4171-14
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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
(DEL) Alkane: Str...	2.53	1036.6	ug/L	15352400	1	5.64	740545	50.0
(DEL) Alkane: Str...	2.76	1646.0	ug/L	24379300	1	5.64	740545	50.0
(DEL) Alkane: Str...	2.95	7.4	ug/L	110147	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.05	3937.8	ug/L	58322500	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.16	6.9	ug/L	102793	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.23	13.9	ug/L	205376	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.28	20.8	ug/L	308359	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.37	13.1	ug/L	193624	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.46	7.7	ug/L	114642	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.55	122.5	ug/L	1814980	1	5.64	740545	50.0
(DEL) Alkane: Str...	3.68	59.0	ug/L	873104	1	5.64	740545	50.0
(DEL) Alkane: Cyc...	3.78	1177.5	ug/L	17440300	1	5.64	740545	50.0
(DEL) Alkane: Str...	4.92	6.9	ug/L	102475	1	5.64	740545	50.0
(DEL) Alkane: Str...	5.51	6.2	ug/L	91925	1	5.64	740545	50.0
(DEL) Alkane: Str...	6.67	11.7	ug/L	173777	1	5.64	740545	50.0
(DEL) Alkane: Str...	6.79	17.4	ug/L	257461	1	5.64	740545	50.0
(DEL) Alkane: Str...	6.94	5.3	ug/L	78399	1	5.64	740545	50.0
(DEL) Alkane: Str...	7.10	5.2	ug/L	76393	1	5.64	740545	50.0
(DEL) Alkane: Str...	7.28	22.5	ug/L	466001	2	8.88	1035190	50.0
(DEL) Alkane: Str...	7.59	7.6	ug/L	156941	2	8.88	1035190	50.0
(DEL) Alkane: Str...	7.90	4.8	ug/L	99731	2	8.88	1035190	50.0
(DEL) Alkane: Str...	8.68	3.8	ug/L	77590	2	8.88	1035190	50.0
(DEL) Alkane: Str...	9.22	19.5	ug/L	403911	2	8.88	1035190	50.0
(DEL) Alkane: Str...	9.50	11.3	ug/L	233105	2	8.88	1035190	50.0
(DEL) Alkane: Str...	9.73	7.7	ug/L	159351	2	8.88	1035190	50.0
(DEL) Alkane: Cyc...	9.82	9.7	ug/L	201619	2	8.88	1035190	50.0
(DEL) Alkane: Str...	9.87	3.8	ug/L	77824	2	8.88	1035190	50.0
(DEL) Alkane: Str...	10.04	7.2	ug/L	149424	2	8.88	1035190	50.0
(DEL) Alkane: Str...	10.11	5.9	ug/L	165606	3	11.28	1402230	50.0
(DEL) Alkane: Str...	10.14	25.4	ug/L	713705	3	11.28	1402230	50.0
Benzene, propyl-	10.38	805.3	ug/L	22584100	3	11.28	1402230	50.0
Benzene, 1-ethyl-...	10.49	3529.3	ug/L	98978700	3	11.28	1402230	50.0
Mesitylene	10.57	1423.3	ug/L	39916900	3	11.28	1402230	50.0
Benzene, 1-ethyl-...	10.77	1021.6	ug/L	28649600	3	11.28	1402230	50.0
(DEL) Alkane: Str...	10.86	2.7	ug/L	76524	3	11.28	1402230	50.0
Benzene, 1,2,3-tr...	10.95	3521.8	ug/L	98766500	3	11.28	1402230	50.0
Benzene, (2-methy...	11.08	35.6	ug/L	997284	3	11.28	1402230	50.0
Benzene, 1-methyl...	11.12	30.1	ug/L	844899	3	11.28	1402230	50.0
(DEL) Alkane: Str...	11.45	2.7	ug/L	74548	3	11.28	1402230	50.0
p-Cymene	11.49	10.1	ug/L	283396	3	11.28	1402230	50.0
Indane	11.56	314.4	ug/L	8817280	3	11.28	1402230	50.0
Benzene, 1-methyl...	11.60	210.1	ug/L	5892560	3	11.28	1402230	50.0
Benzene, 1,2-diet...	11.77	17.8	ug/L	499189	3	11.28	1402230	50.0
(DEL) Alkane: Str...	11.81	32.5	ug/L	910796	3	11.28	1402230	50.0
Benzene, 2-ethyl-...	11.94	200.5	ug/L	5622420	3	11.28	1402230	50.0
Benzene, 1-methyl...	11.96	175.9	ug/L	4932520	3	11.28	1402230	50.0
Benzene, 1-etheny...	12.14	19.3	ug/L	540314	3	11.28	1402230	50.0
Benzene, 2,4-diet...	12.28	21.2	ug/L	593580	3	11.28	1402230	50.0
Benzene, 4-ethyl-...	12.34	88.1	ug/L	2471530	3	11.28	1402230	50.0

Benzene, 1,2,3,4-...	12.44	243.4	ug/L	6825070	3	11.28	1402230	50.0
Benzene, 1-methyl...	12.57	25.8	ug/L	722100	3	11.28	1402230	50.0
Benzene, 1,3-diet...	12.61	17.5	ug/L	489913	3	11.28	1402230	50.0
Benzene, 2-etheny...	12.75	114.7	ug/L	3217540	3	11.28	1402230	50.0
Spiro[4.4]nona-1,...	12.82	17.7	ug/L	495967	3	11.28	1402230	50.0
1-Phenyl-1-butene	12.91	338.1	ug/L	9480670	3	11.28	1402230	50.0
Naphthalene, 1,2-...	13.07	8.9	ug/L	249946	3	11.28	1402230	50.0
3,4-Dimethylcumene	13.19	11.7	ug/L	327520	3	11.28	1402230	50.0
Benzene, 1-ethyl-...	13.42	29.4	ug/L	823641	3	11.28	1402230	50.0
1H-Indene, 1-meth...	13.53	244.4	ug/L	6853210	3	11.28	1402230	50.0
unknown-01	13.64	3.6	ug/L	99779	3	11.28	1402230	50.0
1H-Indene, 2,3-di...	13.93	22.5	ug/L	631566	3	11.28	1402230	50.0
Benzene, pentamet...	14.26	10.0	ug/L	281453	3	11.28	1402230	50.0
Naphthalene, 1-me...	14.66	20.4	ug/L	573293	3	11.28	1402230	50.0

Instrument :
MSVOA_V
ClientSampleId :
BG3Y4