LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	25	rVB	187461	175340	15.15%	1.218%
2	1.312	58	69	80	rBV2	141896	201995	17.45%	1.403%
3	1.425	97	104	112	rBV	14690	16933	1.46%	0.118%
4	1.576	142	151	159	rBV	54037	65456	5.66%	0.455%
5	1.643	163	172	188	rVB	80237	104181	9.00%	0.724%
6	1.772	204	212	218	rBV	19103	24601	2.13%	0.171%
7	1.824	218	228	241	rVB4	50230	88906	7.68%	0.618%
8	1.907	248	254	263	rBV	17712	22670	1.96%	0.157%
9	1.991	271	280	285	rBV3	15307	20606	1.78%	0.143%
10	2.029	285	292	309	rVB	96045	138612	11.98%	0.963%
11	2.116	309	319	331	rBV	117107	170075	14.69%	1.181%
12	2.518	424	444	456	rBV5	46433	132813	11.48%	0.922%
13	2.586	456	465	480	rVB2	58543	111282	9.61%	0.773%
14	2.772	511	523	532	rVB4	11834	22775	1.97%	0.158%
15	2.952	566	579	590	rVB4	9227	20691	1.79%	0.144%
16	3.283	674	682	696	rVB4	18063	36587	3.16%	0.254%
17	3.380	699	712	725	rBV4	12341	28578	2.47%	0.198%
18	3.454	725	735	745	rVB10	7322	16372	1.41%	0.114%
19	3.595	768	779	792	rVB4	14405	28760	2.48%	0.200%
20	3.682	792	806	821	rVB3	55860	137535	11.88%	0.955%
21	3.775	821	835	853	rVB2	31236	71963	6.22%	0.500%
22	3.862	853	862	875	rVB8	8001	16726	1.45%	0.116%
23	3.946	875	888	909	rBV2	36217	136549	11.80%	0.948%
24	4.373	1004	1021	1040	rBV	90526	233795	20.20%	1.624%
25	4.476	1041	1053	1070	rVB2	31837	76528	6.61%	0.532%
26	4.695	1105	1121	1132	rBV5	31053	78682	6.80%	0.546%
27	4.782	1133	1148	1168	rVB2	185767	463797	40.07%	3.221%
28	4.926	1177	1193	1213	rVB6	13630	35912	3.10%	0.249%
29	5.068	1221	1237	1247	rBV2	205324	494935	42.76%	3.438%
30	5.122	1247	1254	1269	rVV2	133961	284986	24.62%	1.979%
31	5.251	1269	1294	1312	rVB	465992	1157402	100.00%	8.039%
32	5.640	1400	1415	1449	rBV	213155	468198	40.45%	3.252%
33	5.952	1494	1512	1526	rBV9	14246	42424	3.67%	0.295%
34	6.093	1543	1556	1568	rBV2	109382	233779	20.20%	1.624%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Title : TRACE VOA SOM01.0

35	6.219	1584	1595	1603	rBV2	56623	109366	9.45%	0.760%
36	6.277	1603	1613	1623	rVV2	78050	158178	13.67%	1.099%
37	6.328	1623	1629	1639	rVV2	18895	35309	3.05%	0.245%
38	6.476	1663	1675	1689	rVB6	13517	33107	2.86%	0.230%
39	6.672	1722	1736	1752	rVB2	298287	595346	51.44%	4.135%
40	6.798	1757	1775	1786	rBV	224667	480984	41.56%	3.341%
41	6.859	1787	1794	1804	rVB3	52300	94120	8.13%	0.654%
42	7.010	1825	1841	1850	rBV	55750	108247	9.35%	0.752%
43	7.193	1888	1898	1909	rVB10	17409	37099	3.21%	0.258%
44	7.283	1913	1926	1934	rBV2	81396	160114	13.83%	1.112%
45	7.338	1934	1943	1957	rVB	260728	439056	37.93%	3.050%
46	7.412	1957	1966	1975	rBV	43193	71223	6.15%	0.495%
47	7.646	2031	2039	2055	rVB2	32169	64766	5.60%	0.450%
48	7.807	2084	2089	2098	rVB5	10765	16153	1.40%	0.112%
49	7.862	2098	2106	2113	rBV3	24856	45182	3.90%	0.314%
50	8.116	2170	2185	2207	rBV	172403	382237	33.03%	2.655%
51	8.235	2215	2222	2236	rVB9	15391	40565	3.50%	0.282%
52	8.534	2303	2315	2324	rBV9	12603	26645	2.30%	0.185%
53	8.685	2357	2362	2375	rVB9	8382	17090	1.48%	0.119%
54	8.814	2393	2402	2410	rBV5	14086	24489	2.12%	0.170%
55	8.871	2410	2420	2441	rBV	319106	531283	45.90%	3.690%
56	9.032	2461	2470	2491	rVB2	88380	149020	12.88%	1.035%
57	9.158	2497	2509	2523	rVB	601338	949505	82.04%	6.595%
58	9.241	2523	2535	2554	rVV7	14144	39997	3.46%	0.278%
59	9.347	2558	2568	2584	rVB7	8078	21242	1.84%	0.148%
60	9.492	2600	2613	2621	rBV10	13654	23554	2.04%	0.164%
61	9.566	2628	2636	2645	rBV	34374	52549	4.54%	0.365%
62	9.720	2668	2684	2691	rBV	7641	19250	1.66%	0.134%
63	9.952	2745	2756	2768	rBV2	28437	52192	4.51%	0.363%
64	10.145	2807	2816	2829	rVB3	17894	32612	2.82%	0.227%
65	10.238	2835	2845	2860	rVB2	75507	124450	10.75%	0.864%
66	10.376	2871	2888	2902	rBV	48271	80384	6.95%	0.558%
67	10.469	2906	2917	2920	rBV2	38667	52795	4.56%	0.367%
68	10.560	2936	2945	2966	rBV	75012	118294	10.22%	0.822%
69	10.759	2993	3007	3022	rBV	92213	151739	13.11%	1.054%
70	10.936	3051	3062	3075	rBV	391296	575067	49.69%	3.994%
71	11.270	3155	3166	3184	rVV	364385	565828	48.89%	3.930%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Title : TRACE VOA SOM01.0

72	11.357	3184	3193	3205	rVB	93557	144671	12.50%	1.005%
73	11.550	3241	3253	3273	rBV2	229719	475430	41.08%	3.302%
74	11.646	3273	3283	3303	rVB3	329458	572169	49.44%	3.974%
75	11.768	3309	3321	3329	rBV6	11002	19571	1.69%	0.136%
76	11.842	3334	3344	3354	rBV2	11915	19170	1.66%	0.133%
77	11.932	3362	3372	3378	rBV2	32832	54015	4.67%	0.375%
78	12.039	3393	3405	3411	rBV	64816	103005	8.90%	0.715%
79	12.138	3425	3436	3445	rBV	81287	132928	11.49%	0.923%
80	12.334	3486	3497	3504	rVB10	8743	17510	1.51%	0.122%
81	12.434	3521	3528	3537	rVV	41590	63942	5.52%	0.444%
82	12.485	3537	3544	3556	rVB	45354	71152	6.15%	0.494%
83	12.572	3561	3571	3579	rBV3	35258	59926	5.18%	0.416%
84	12.701	3597	3611	3617	rBV10	17346	37426	3.23%	0.260%
85	12.746	3618	3625	3634	rVB	49638	70483	6.09%	0.490%
86	12.865	3653	3662	3666	rVV	19206	28769	2.49%	0.200%
87	12.907	3666	3675	3690	rVV	110208	192789	16.66%	1.339%
88	12.971	3690	3695	3705	rVB6	13399	22082	1.91%	0.153%
89	13.022	3705	3711	3718	rBV	12774	17595	1.52%	0.122%
90	13.190	3752	3763	3769	rBV2	18751	30203	2.61%	0.210%
91	13.238	3769	3778	3787	rVB2	35293	57229	4.94%	0.397%
92	13.293	3787	3795	3802	rBV3	45967	70936	6.13%	0.493%
93	13.392	3820	3826	3832	rVB2	31420	38763	3.35%	0.269%
94	13.527	3860	3868	3875	rVB2	25291	36142	3.12%	0.251%
95	13.736	3923	3933	3942	rBV7	24584	41947	3.62%	0.291%
96	13.791	3942	3950	3960	rVB3	19944	34254	2.96%	0.238%
97	13.932	3984	3994	4008	rBV2	24841	41135	3.55%	0.286%
98	14.112	4041	4050	4062	rBV6	23811	50336	4.35%	0.350%
99	14.254	4086	4094	4106	rBV6	10592	18972	1.64%	0.132%
100	14.325	4106	4116	4126	rVB4	18685	35485	3.07%	0.246%

Sum of corrected areas: 14397516

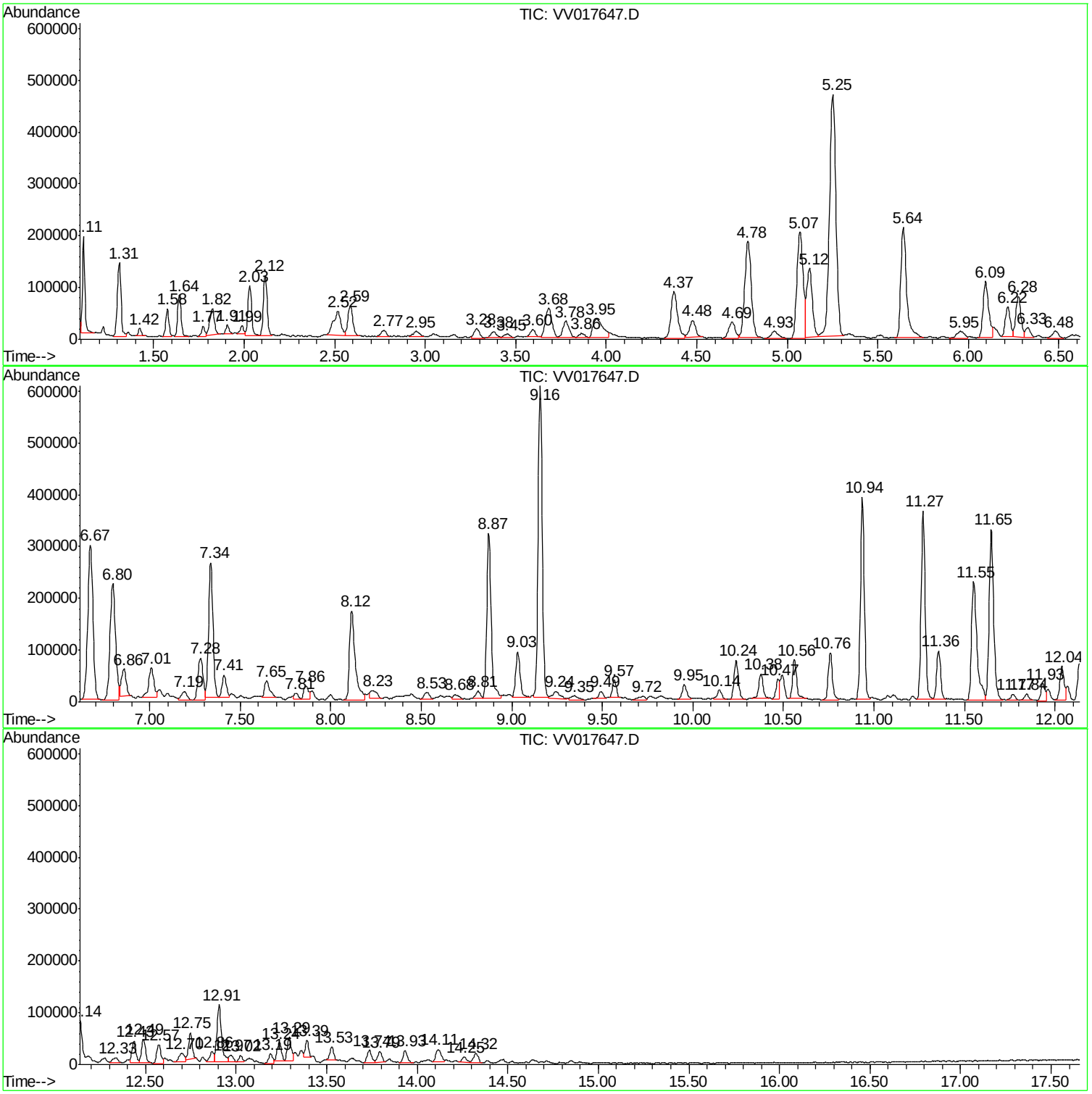
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

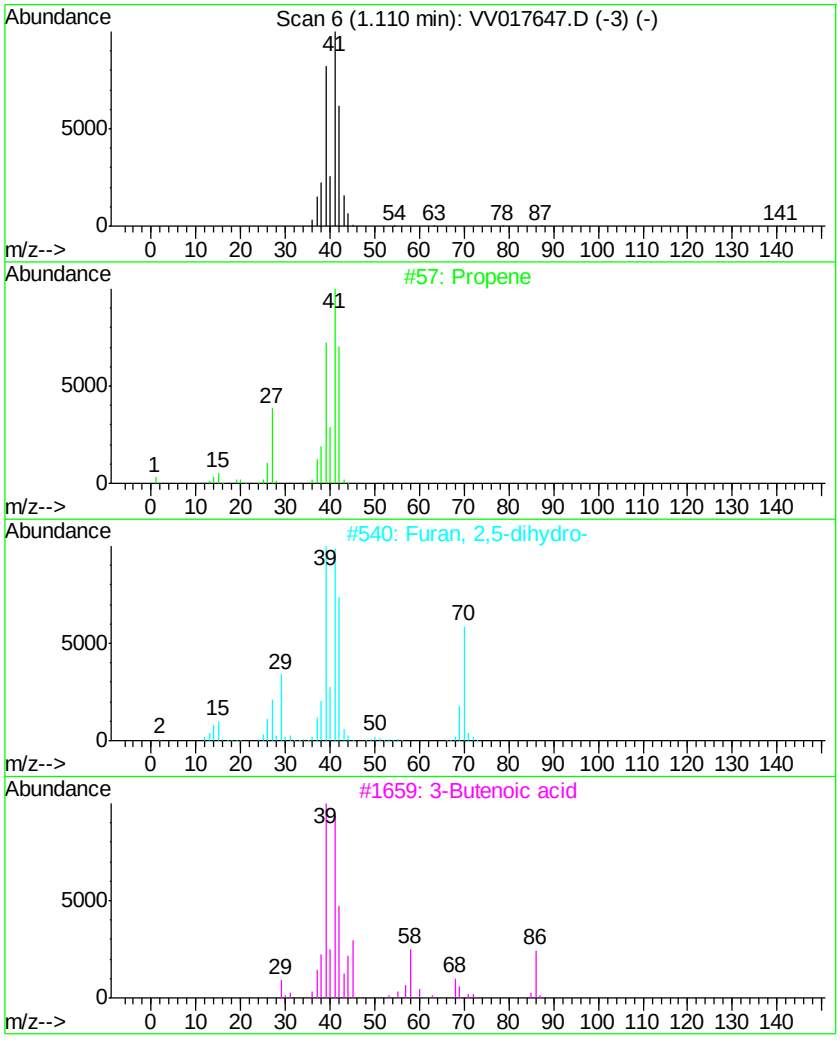
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

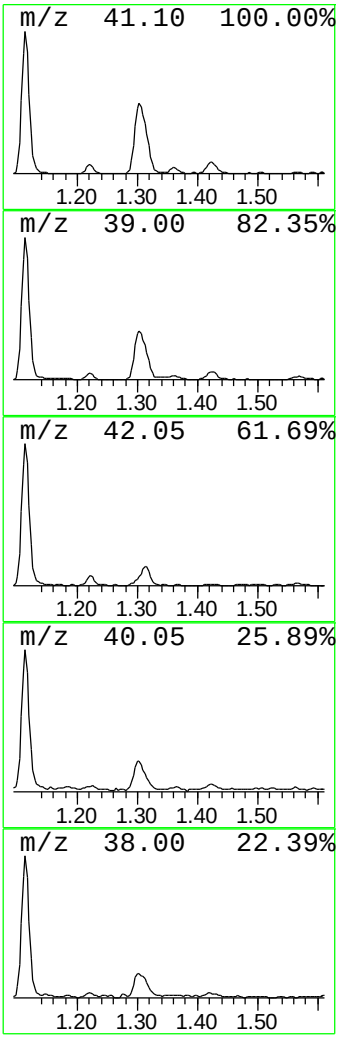
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.87 ug/L	175340	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
5	2H-Pyran-2-one	96	C5H4O2	000504-31-4	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

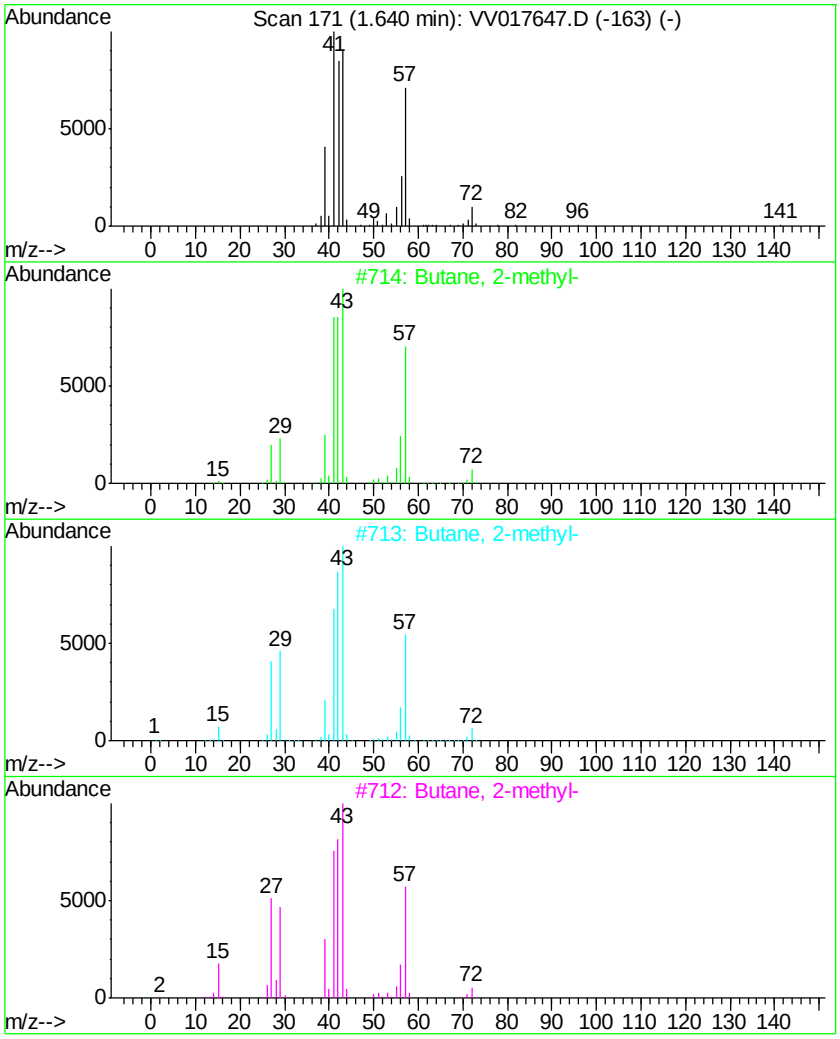
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

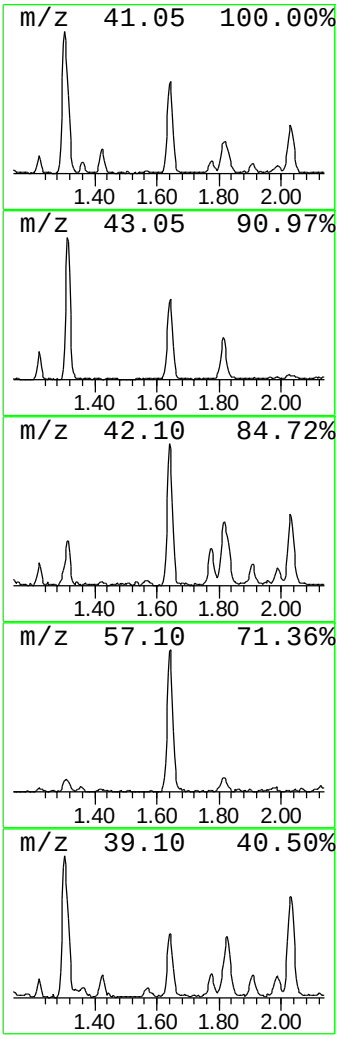
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	1.11 ug/L	104181	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Butane, 2-methyl-	72	C5H12	000078-78-4	53
4	1-Hexene	84	C6H12	000592-41-6	36
5	3-Buten-1-ol	72	C4H8O	000627-27-0	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

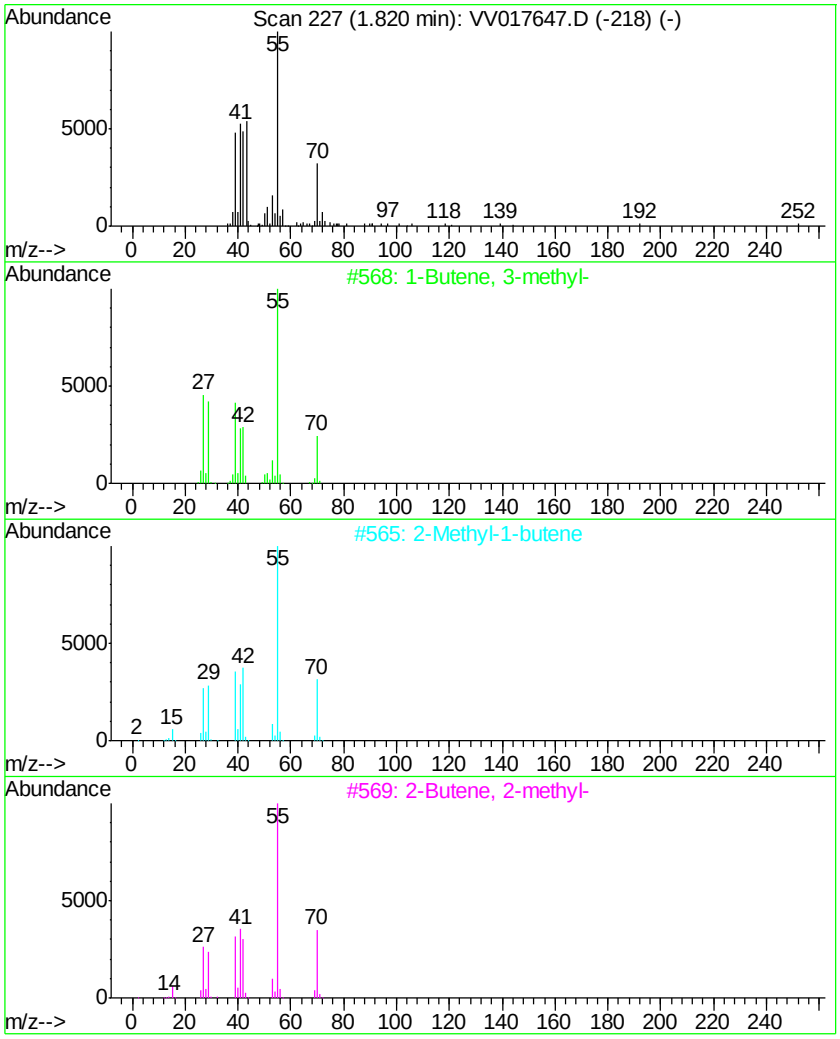
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

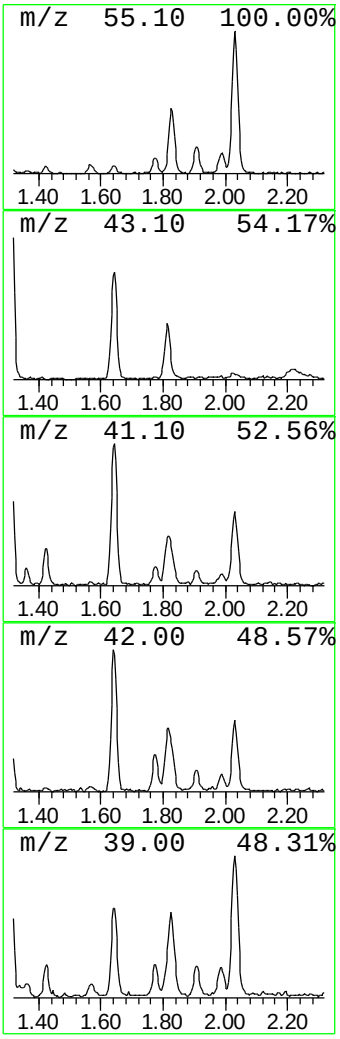
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.95 ug/L	88906	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-methyl-	70	C5H10	000563-45-1	87
2	2-Methyl-1-butene	70	C5H10	000563-46-2	80
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	74
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

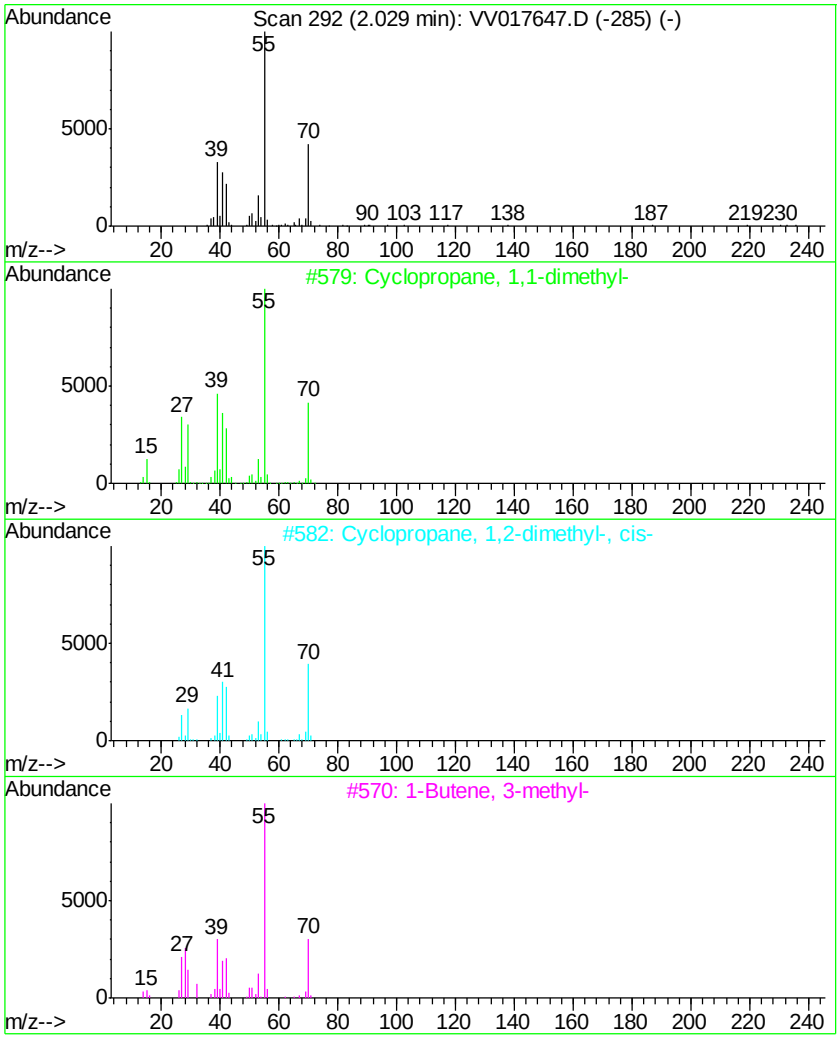
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

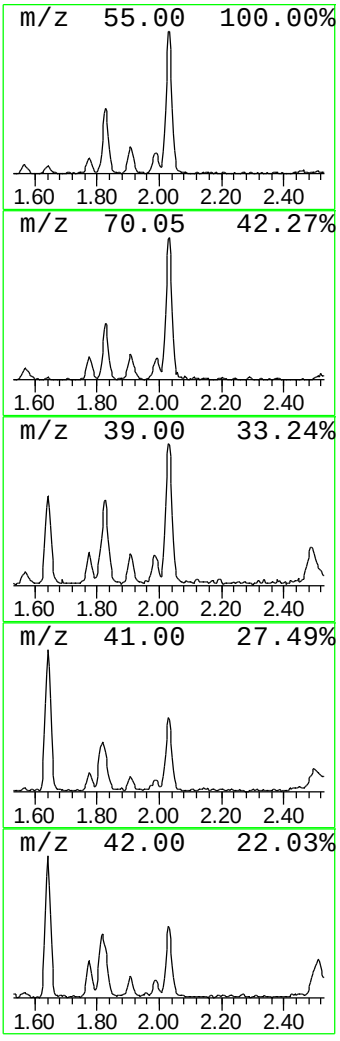
****

Peak Number 4 (DEL) Alkane: Cyclic2.03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	1.48 ug/L	138612	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

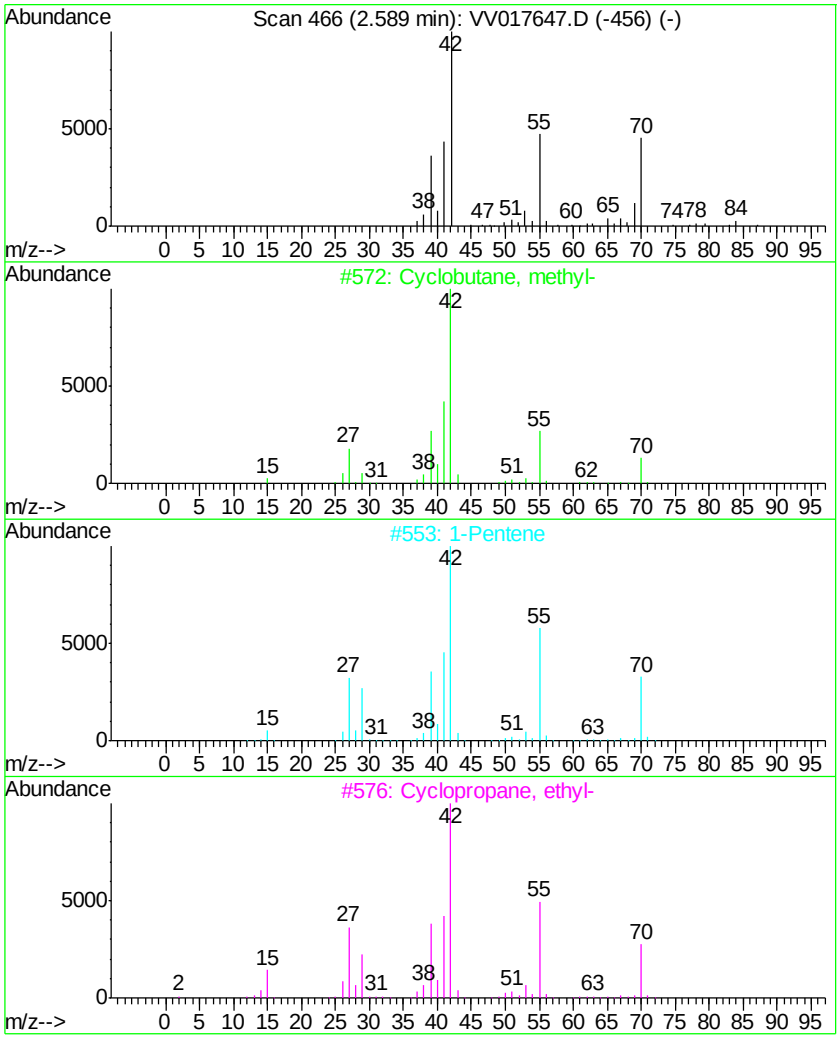
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

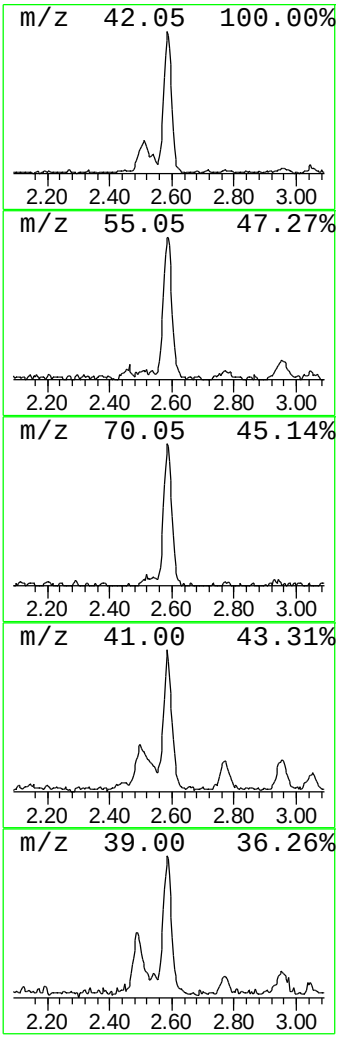
****

Peak Number 5 (DEL) Alkane: Cyclic2.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	1.19 ug/L	111282	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
2	1-Pentene	70	C5H10	000109-67-1	59
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
5	1-Pentene	70	C5H10	000109-67-1	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

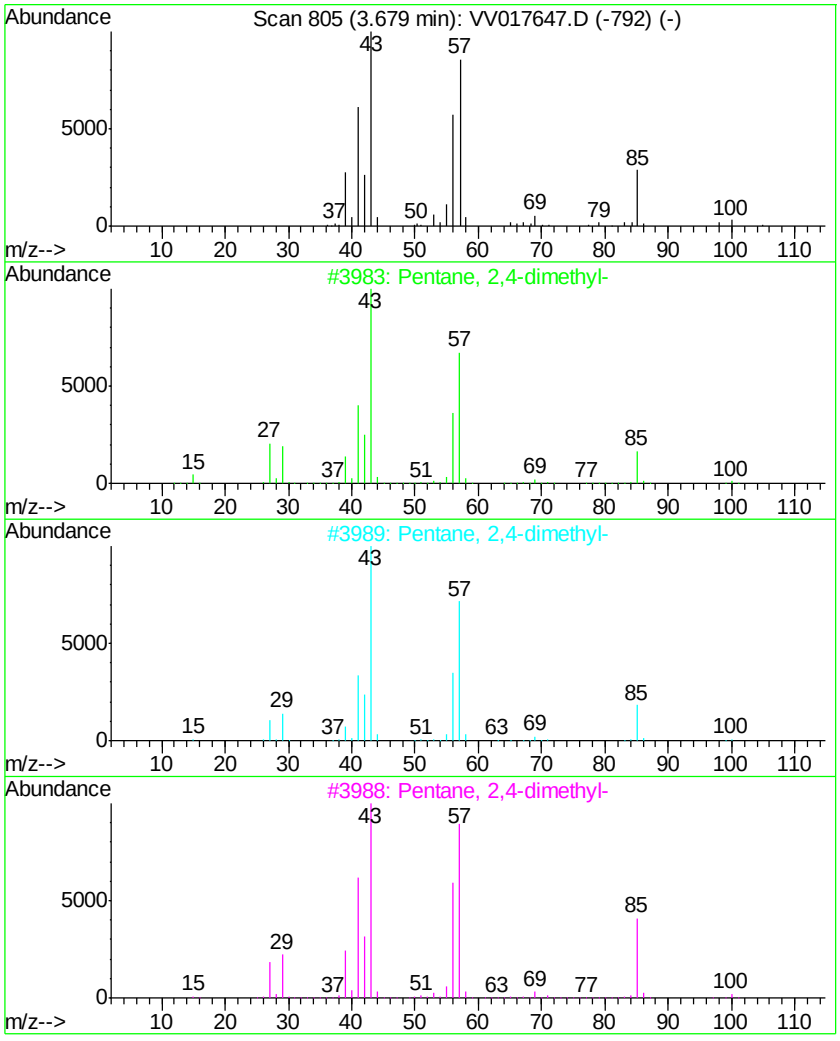
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

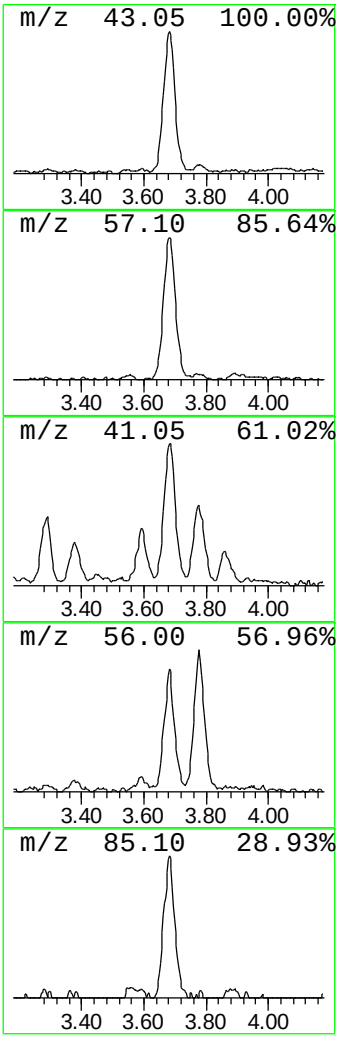
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	1.47 ug/L	137535	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

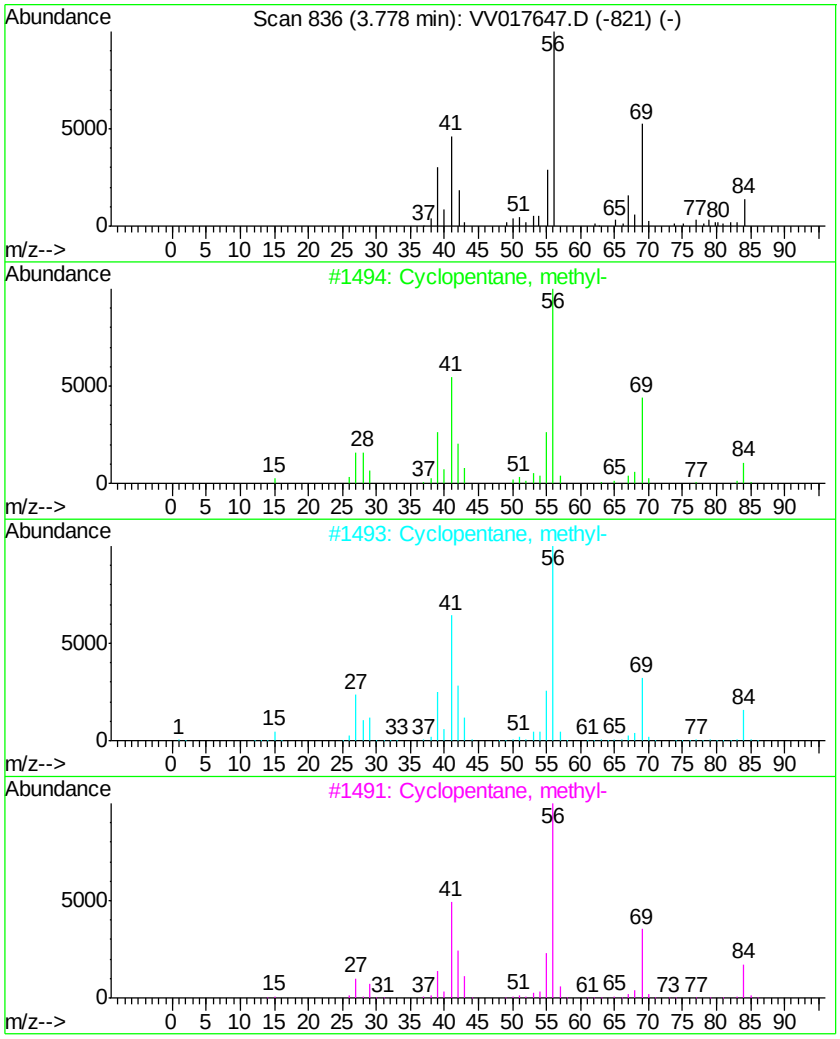
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

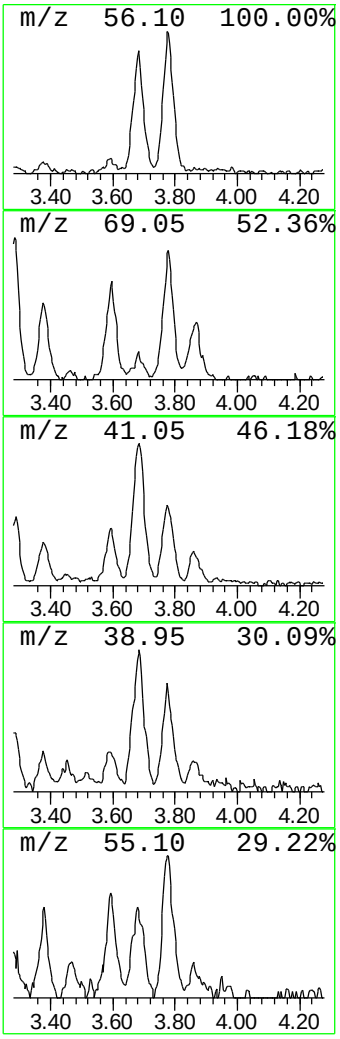
****

Peak Number 7 (DEL) Alkane: Cyclic3.78 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.77 ug/L	71963	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

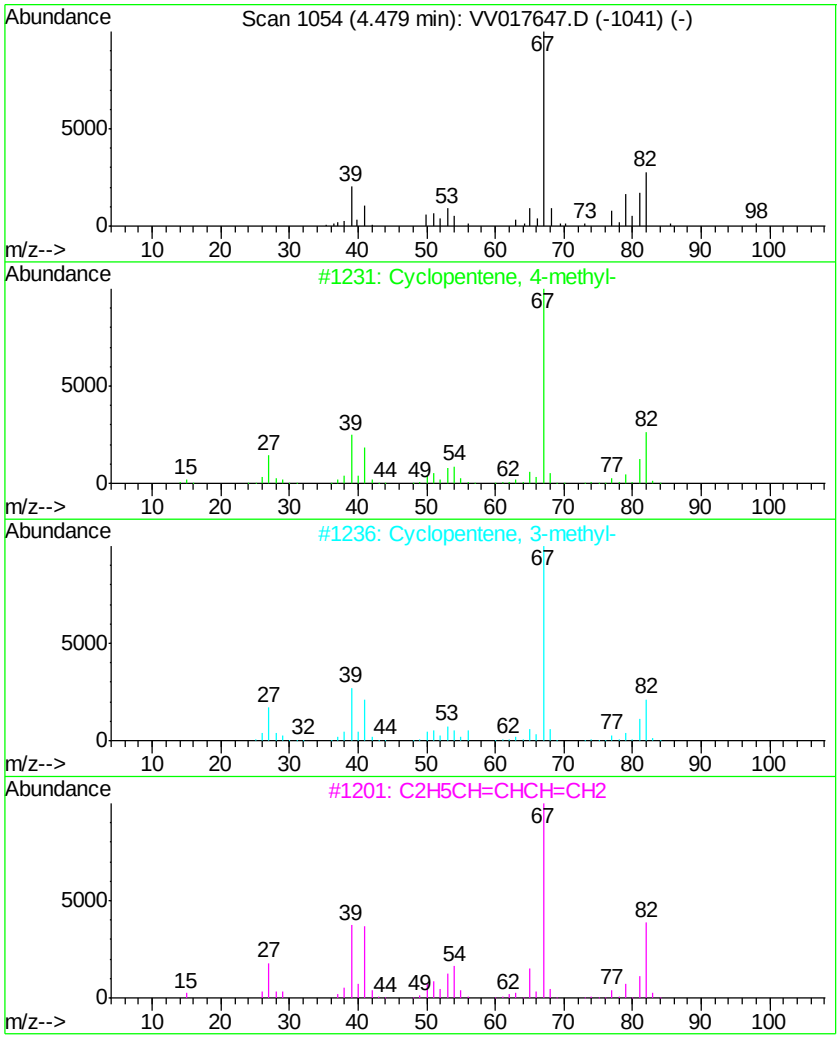
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

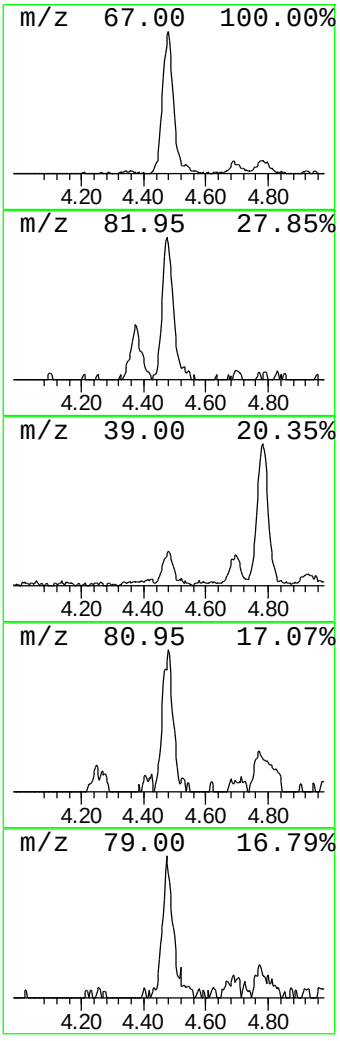
****

Peak Number 8 Cyclopentene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	0.82 ug/L	76528	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	83
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

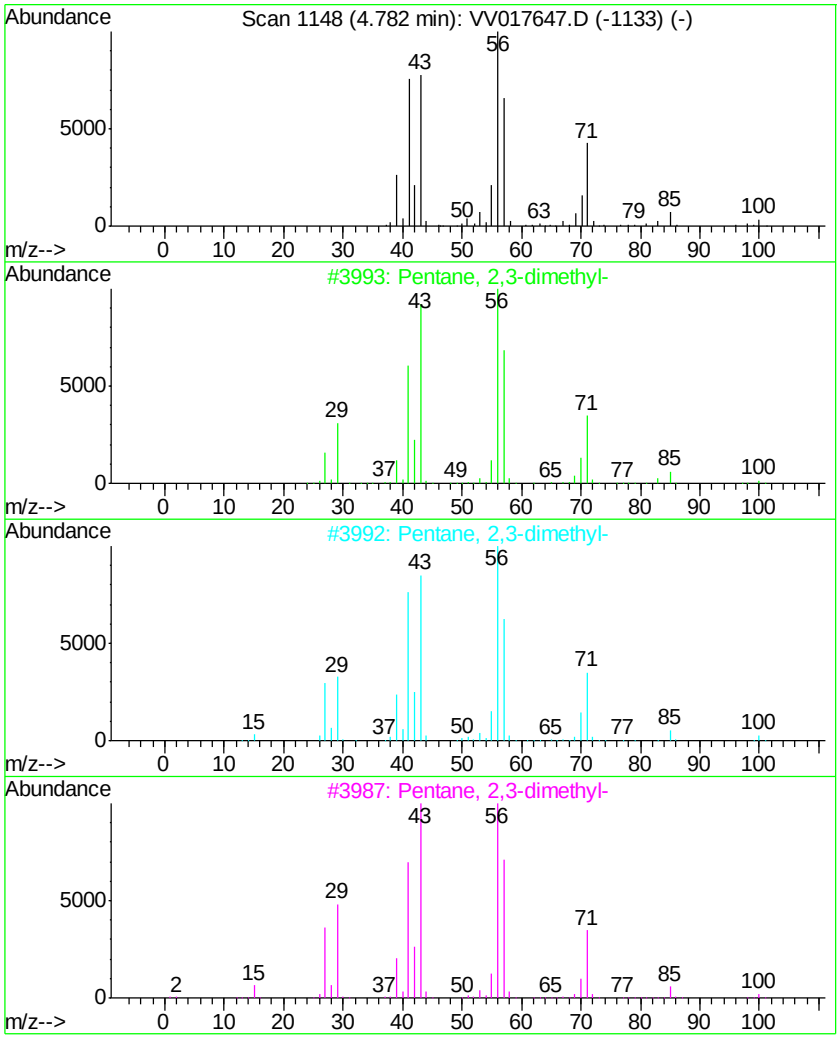
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

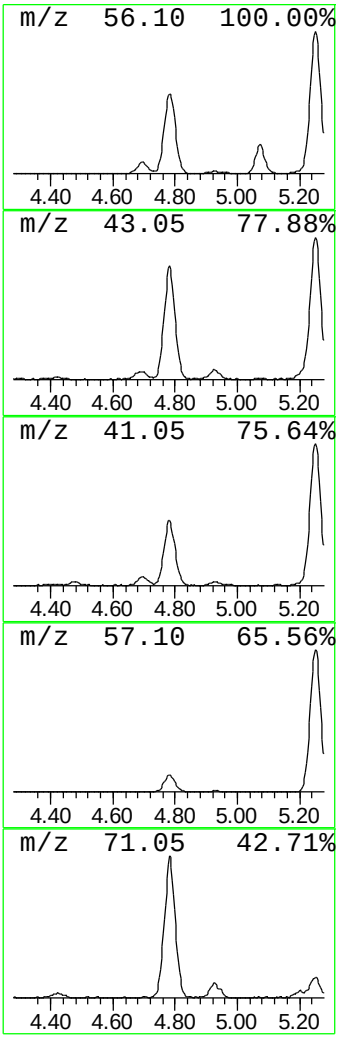
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	4.95 ug/L	463797	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

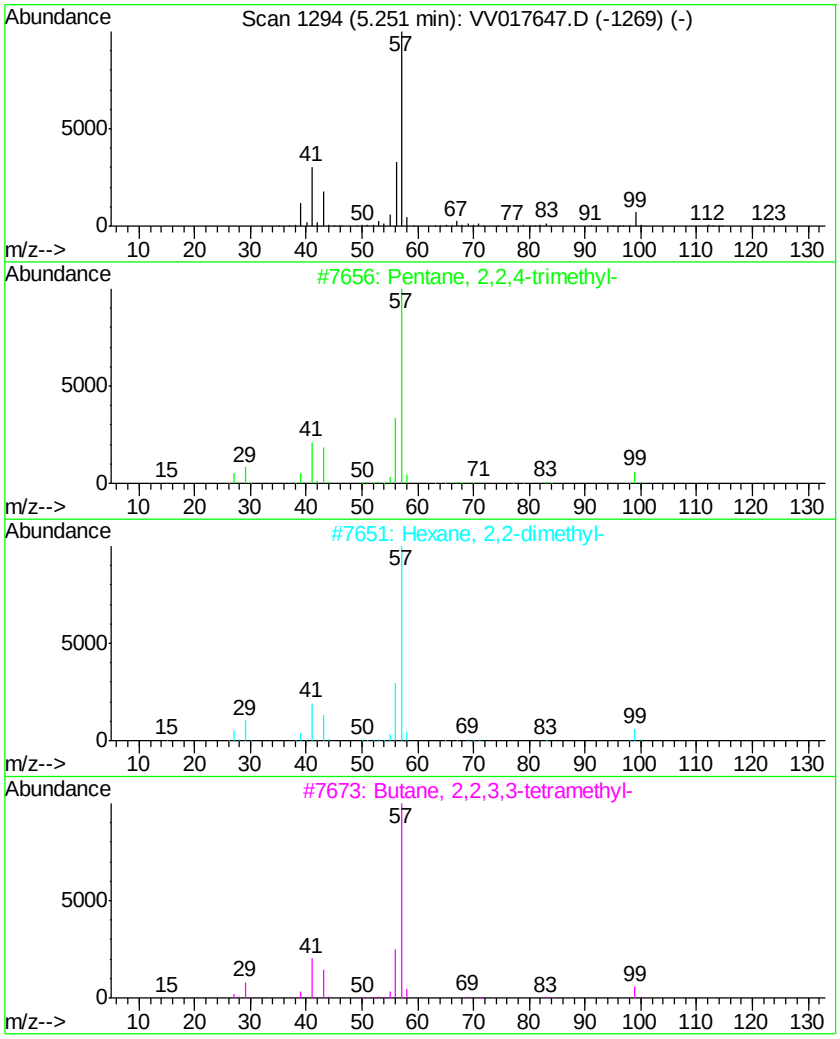
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

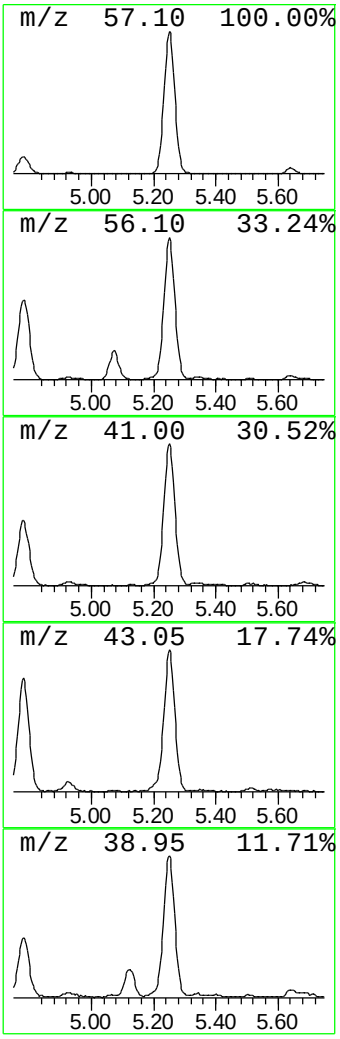
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	12.36 ug/L	1157400	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

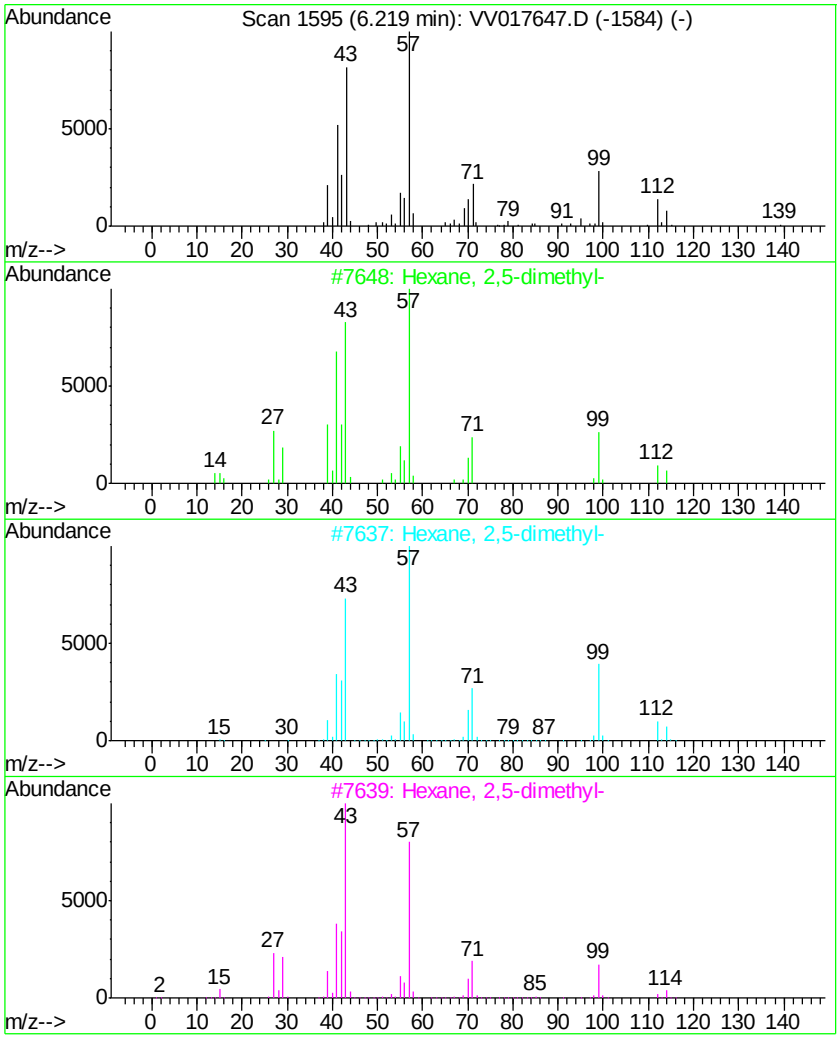
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

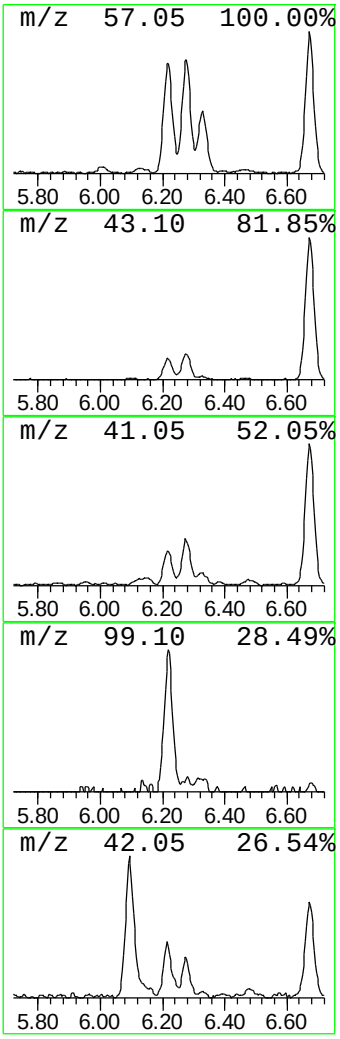
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	1.17 ug/L	109366	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47
5	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

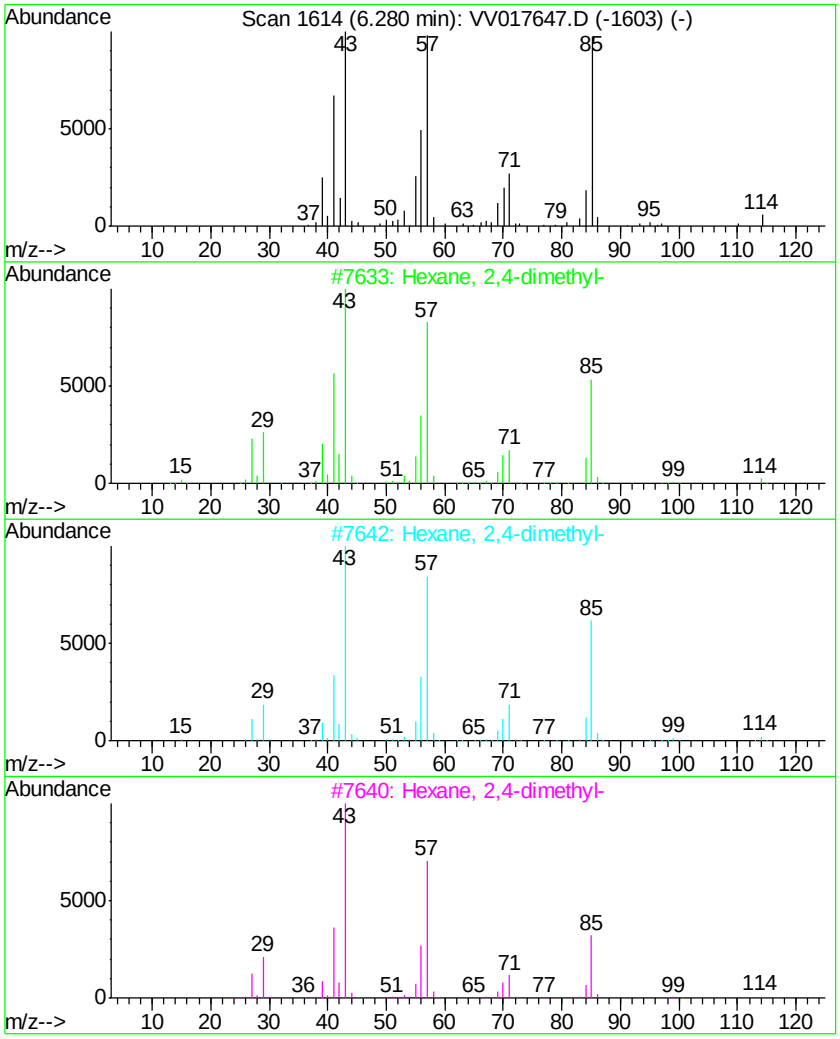
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

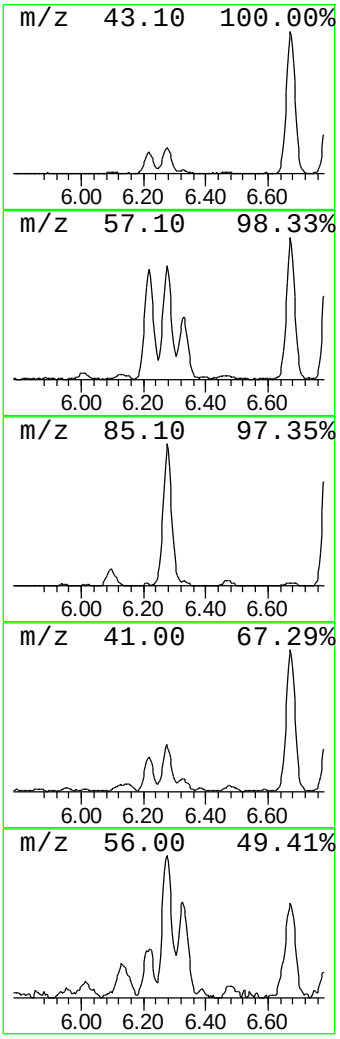
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	1.69 ug/L	158178	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

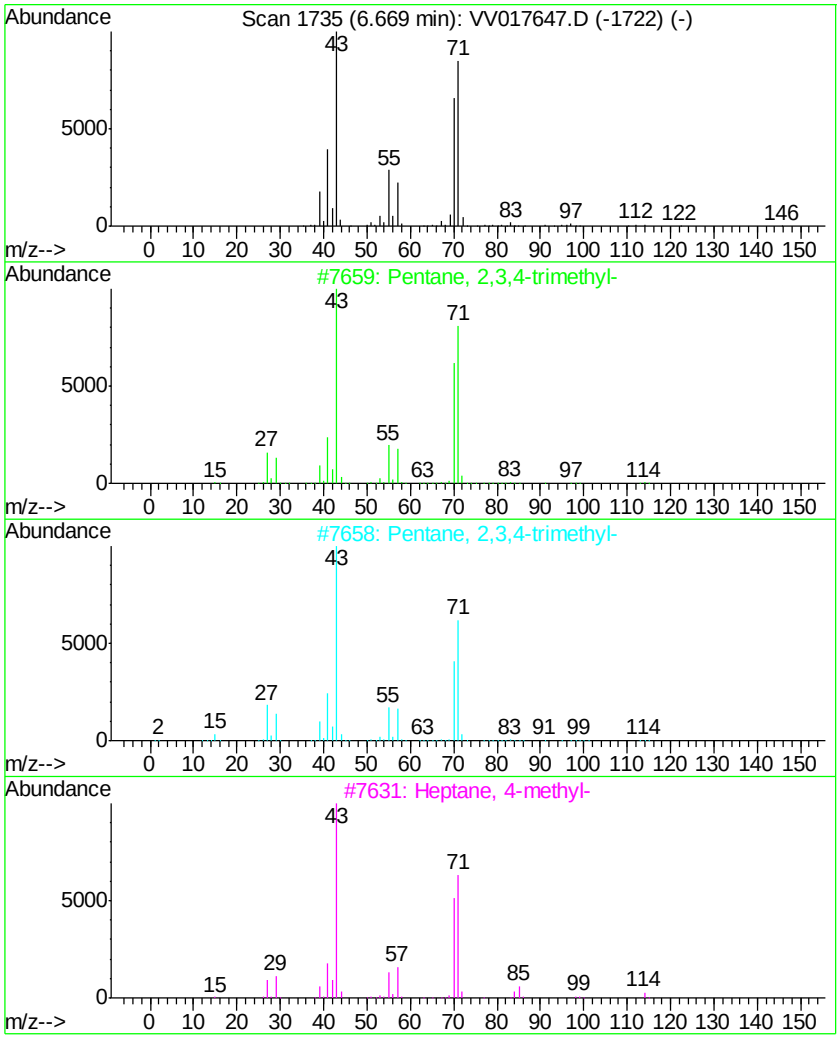
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

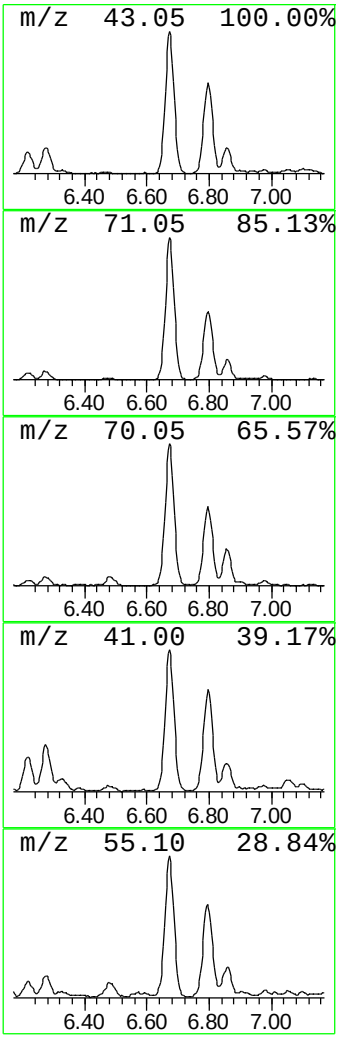
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	6.36 ug/L	595346	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	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

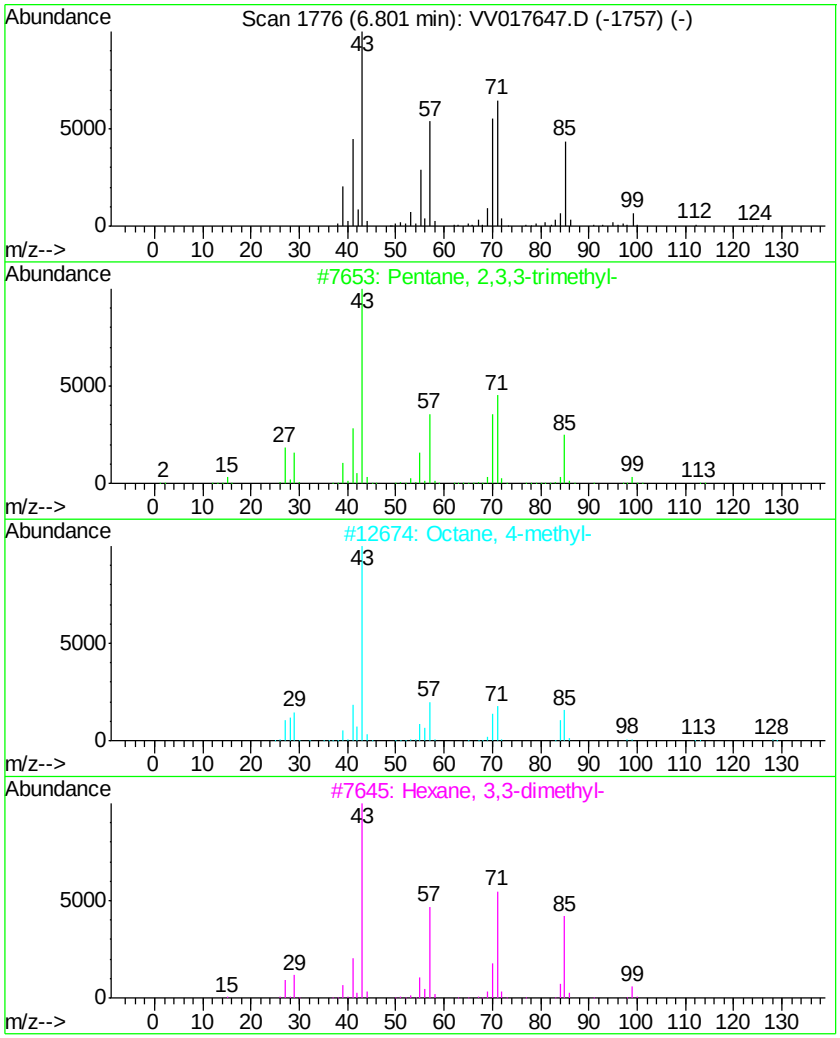
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

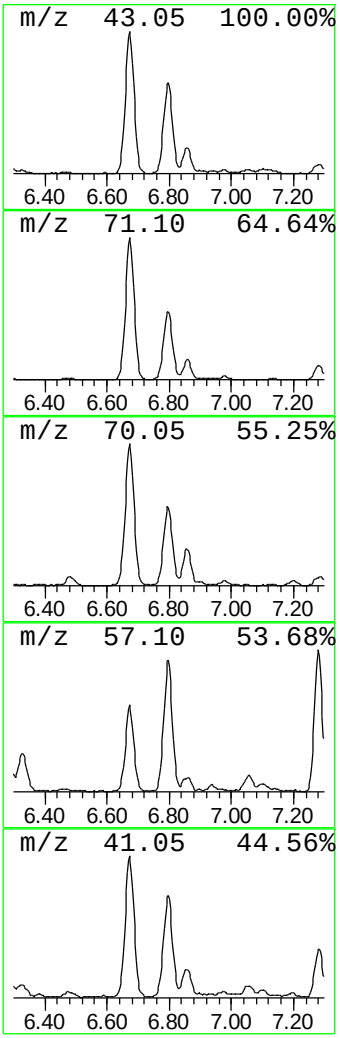
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.14 ug/L	480984	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	83
2	Octane, 4-methyl-	128	C9H20	002216-34-4	59
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

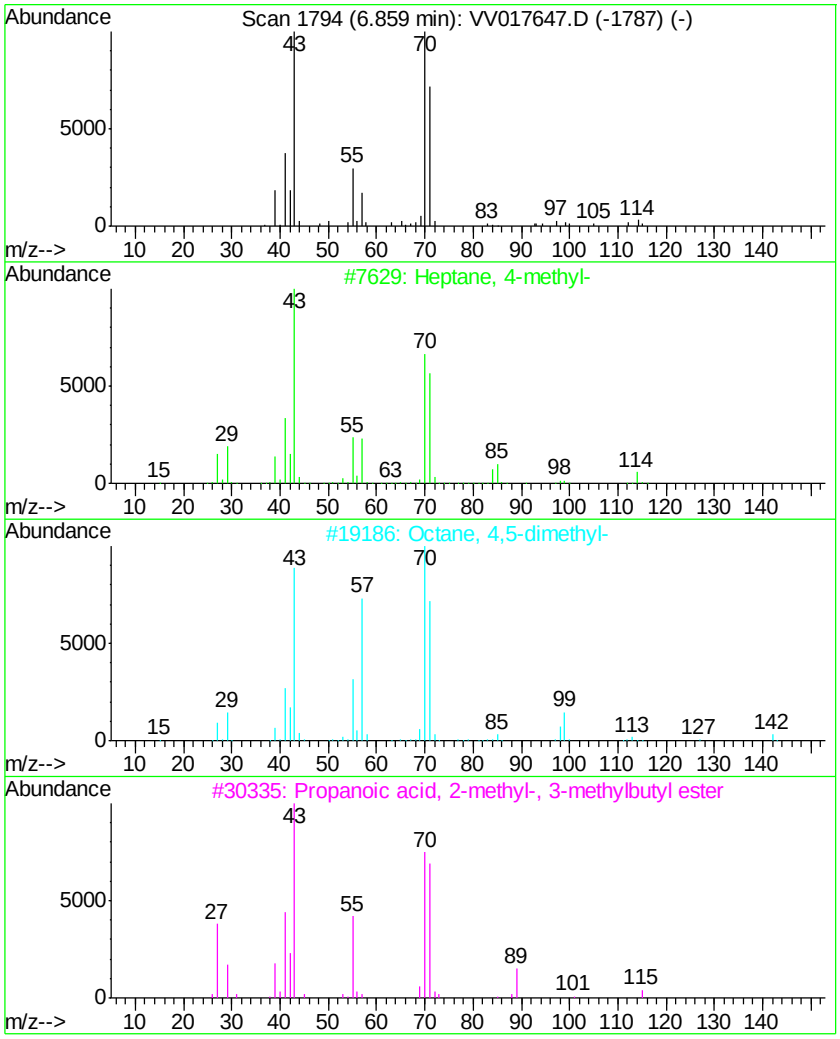
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

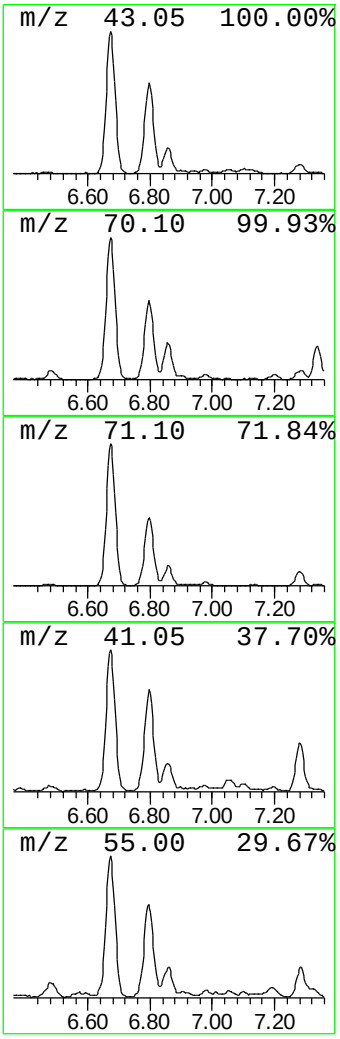
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	1.01 ug/L	94120	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	56
2	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	56
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	56
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

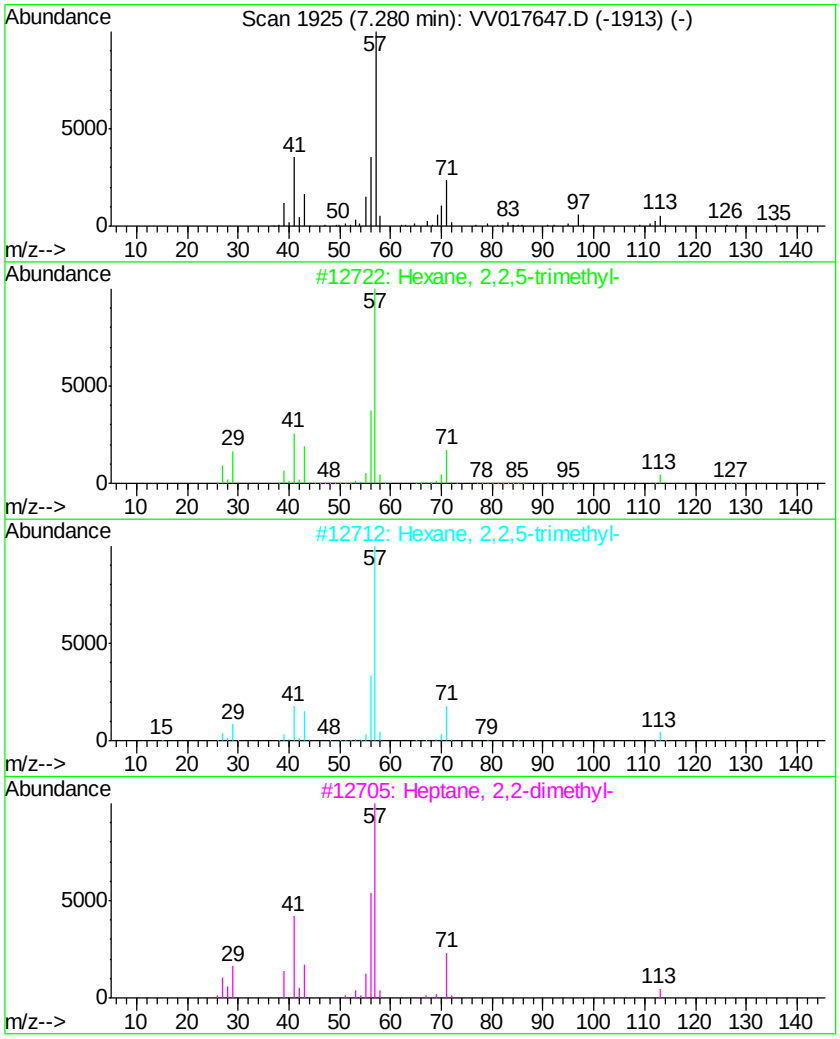
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

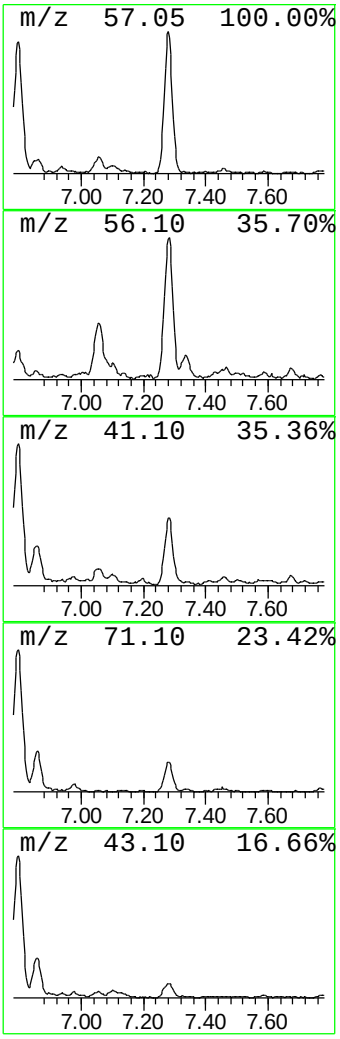
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	1.51 ug/L	160114	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

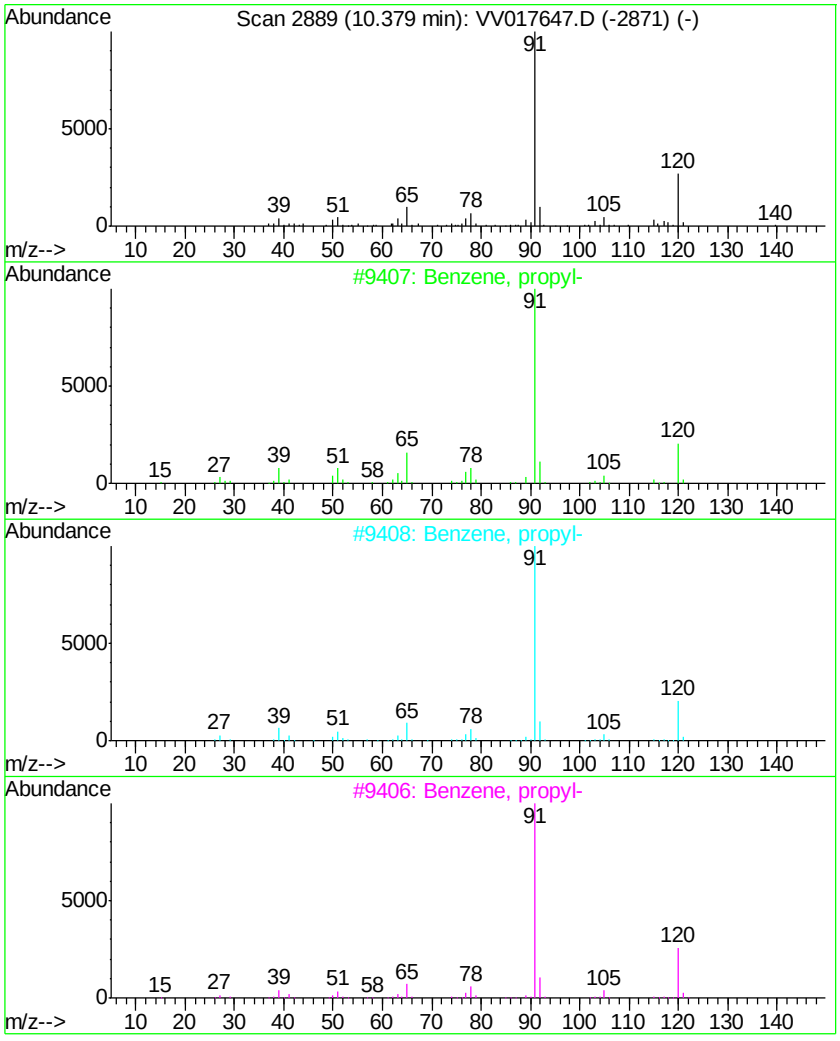
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

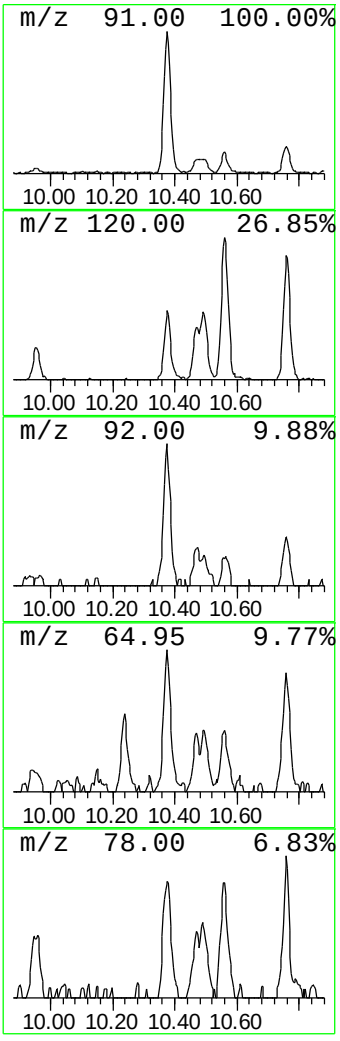
****

Peak Number 18 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.71 ug/L	80384	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

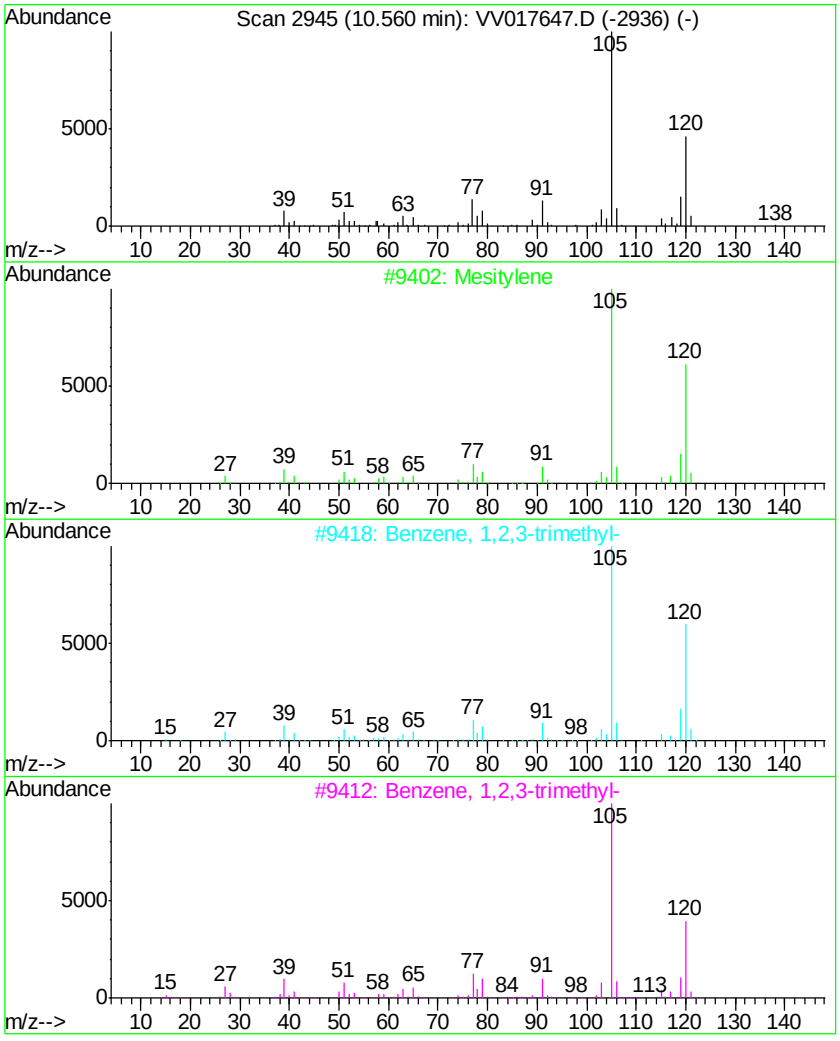
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

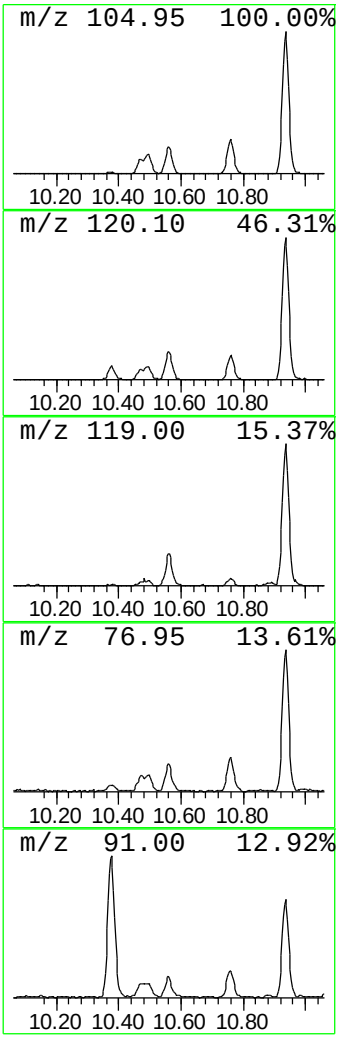
****

Peak Number 19 Mesitylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	1.05 ug/L	118294	1,4-Dichlorobenzene-d4	11.27

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

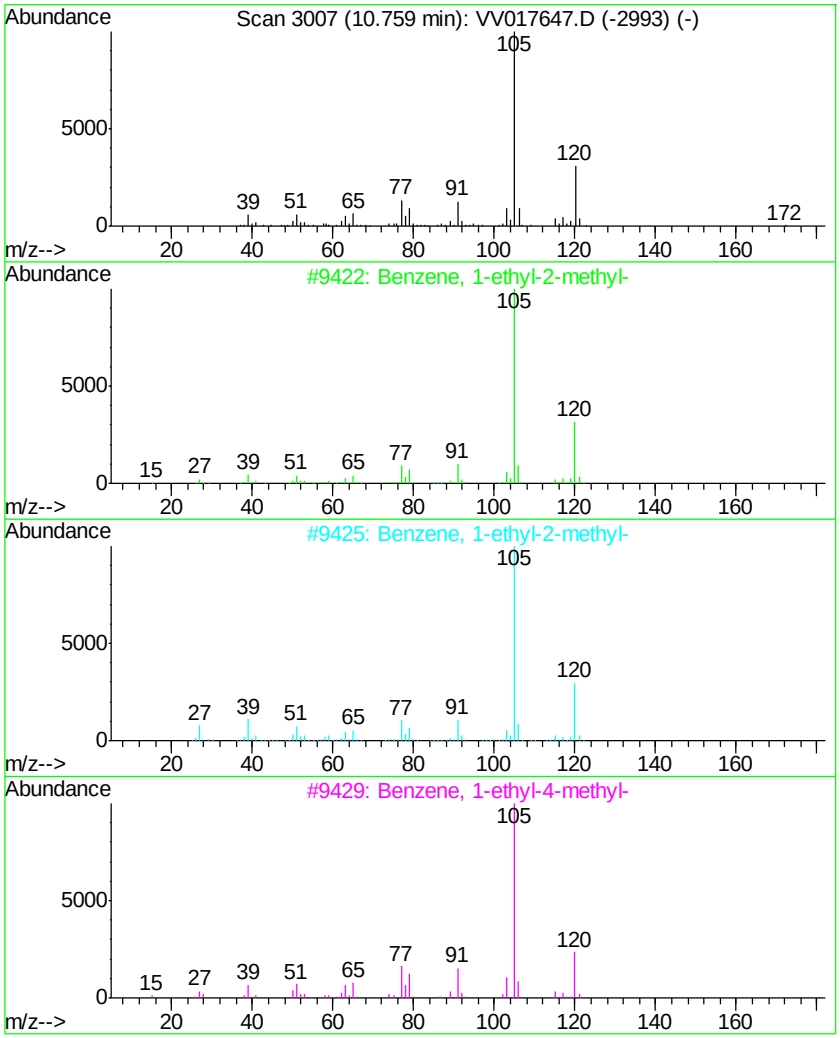
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

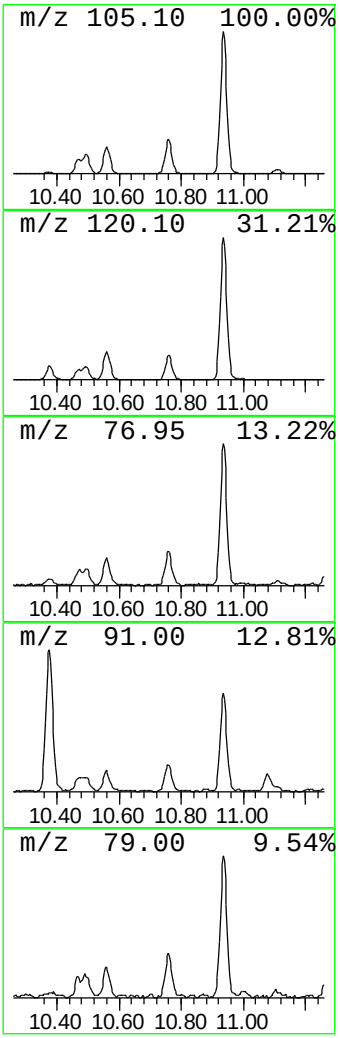
****

Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.34 ug/L	151739	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

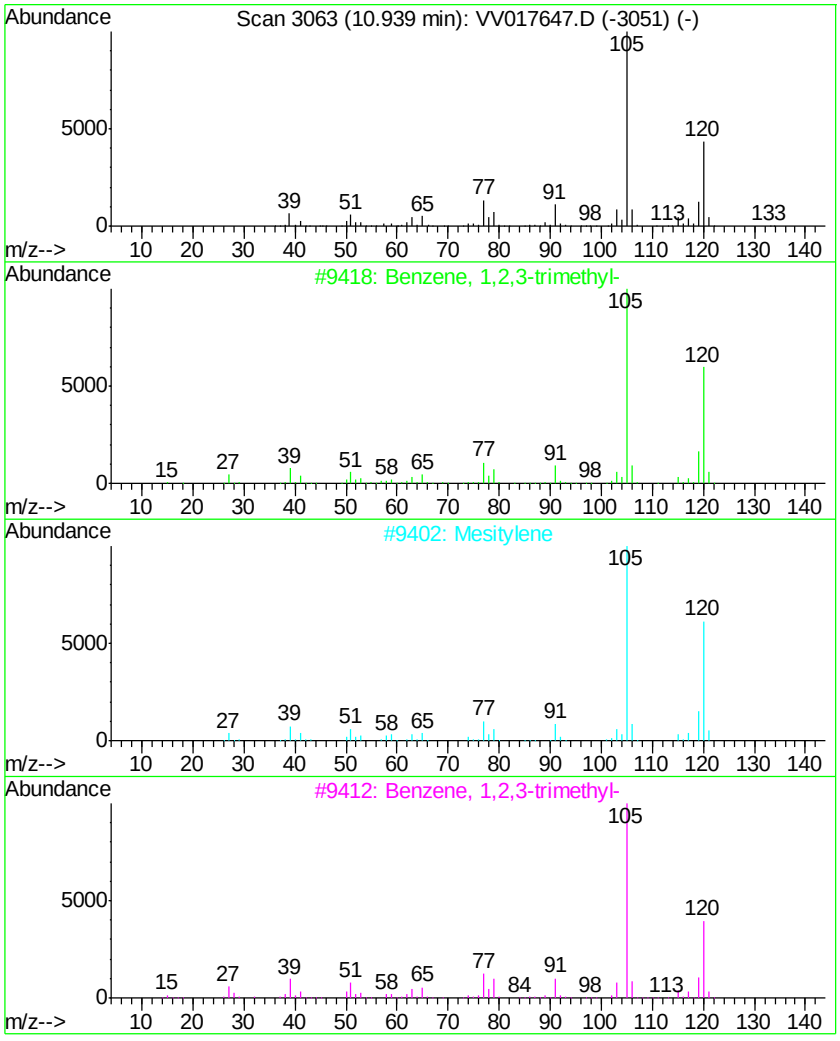
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

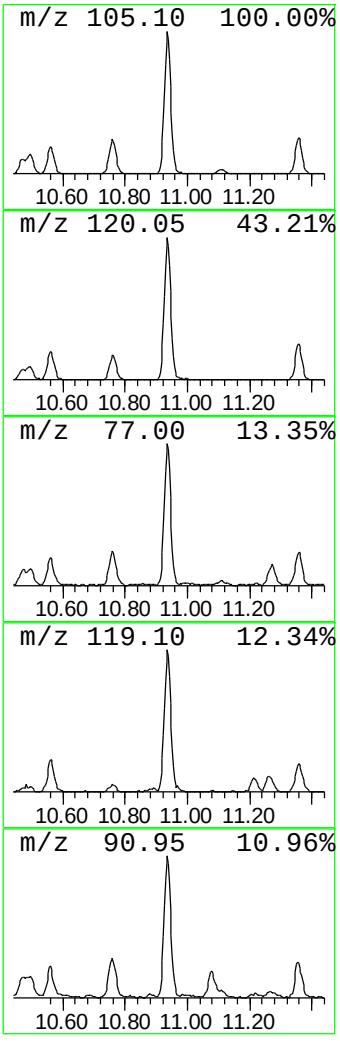
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	5.08 ug/L	575067	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

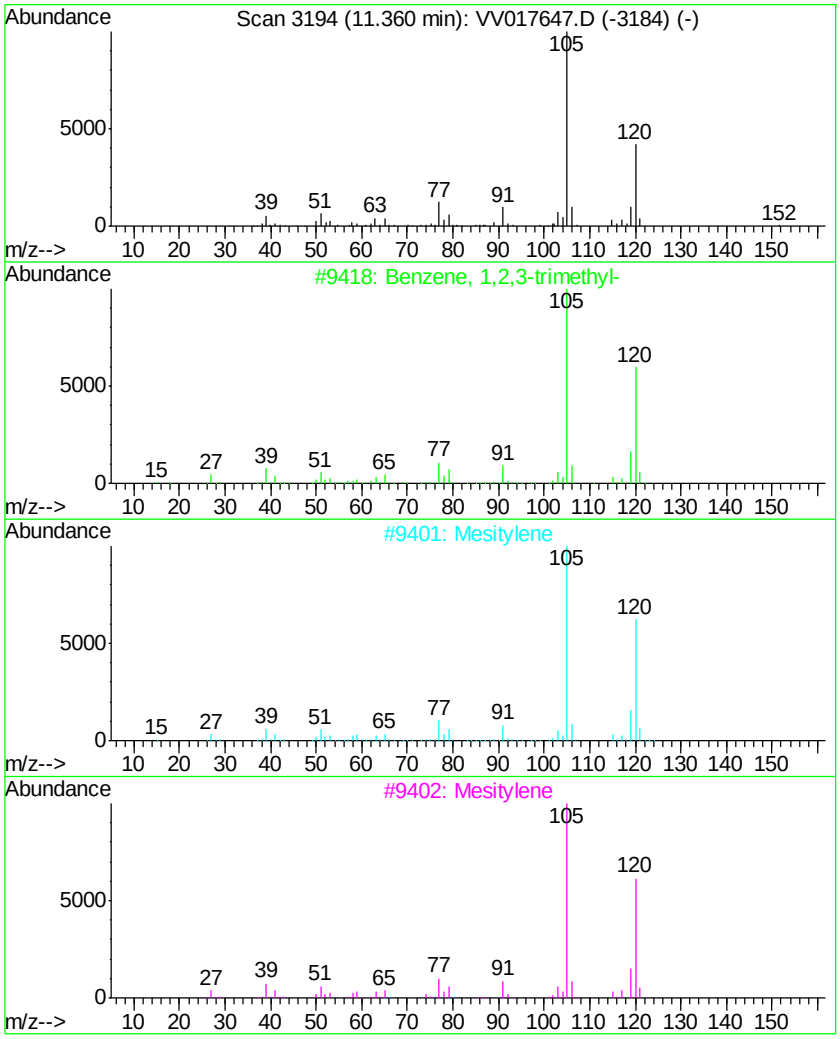
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

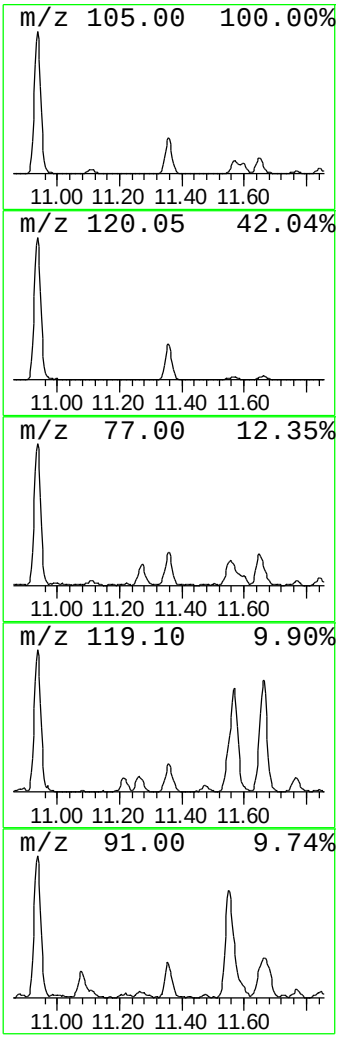
****

Peak Number 22 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	1.28 ug/L	144671	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

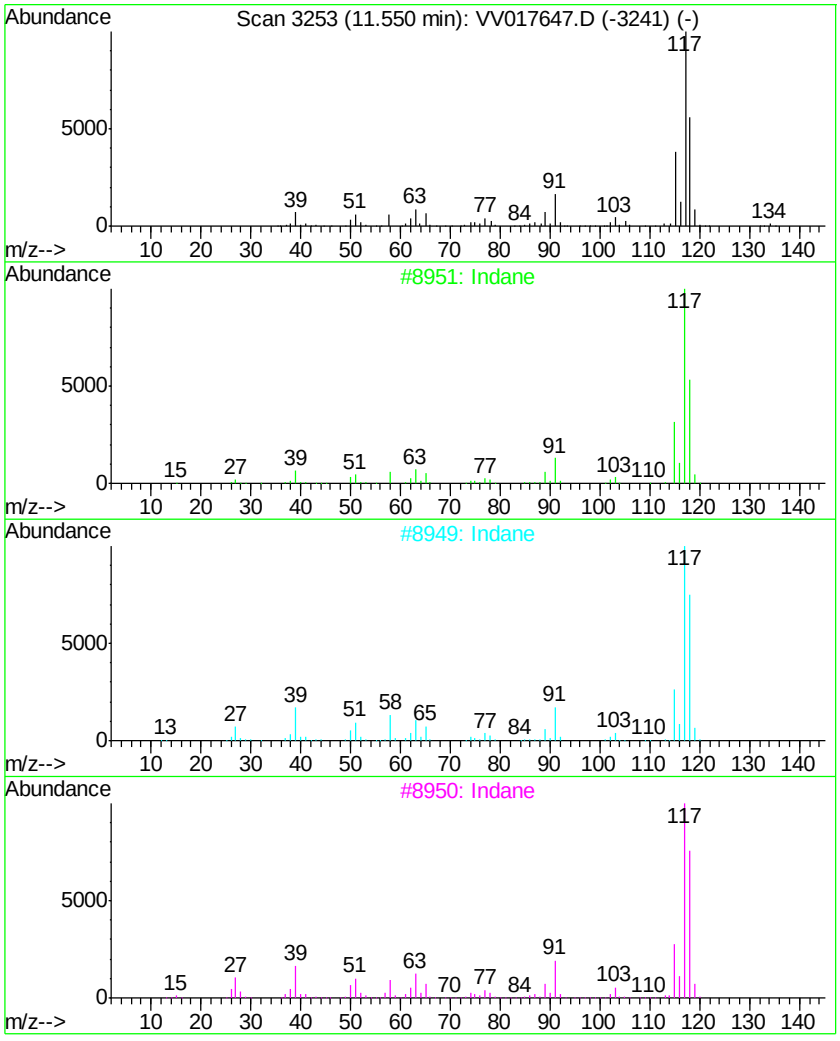
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

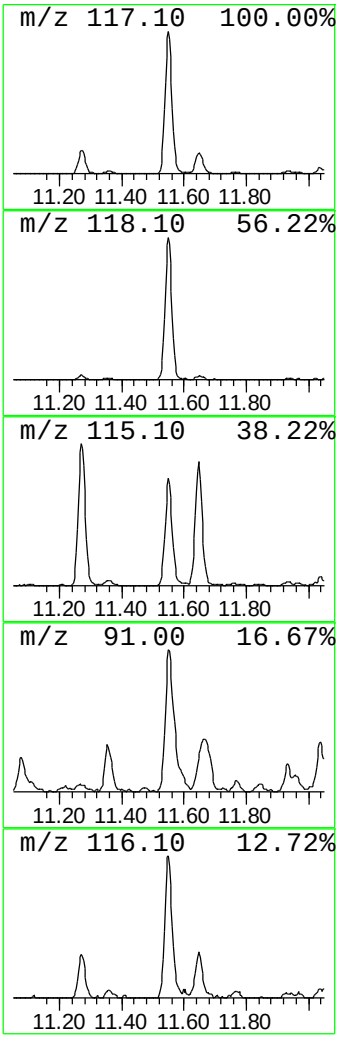
****

Peak Number 23 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.20 ug/L	475430	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

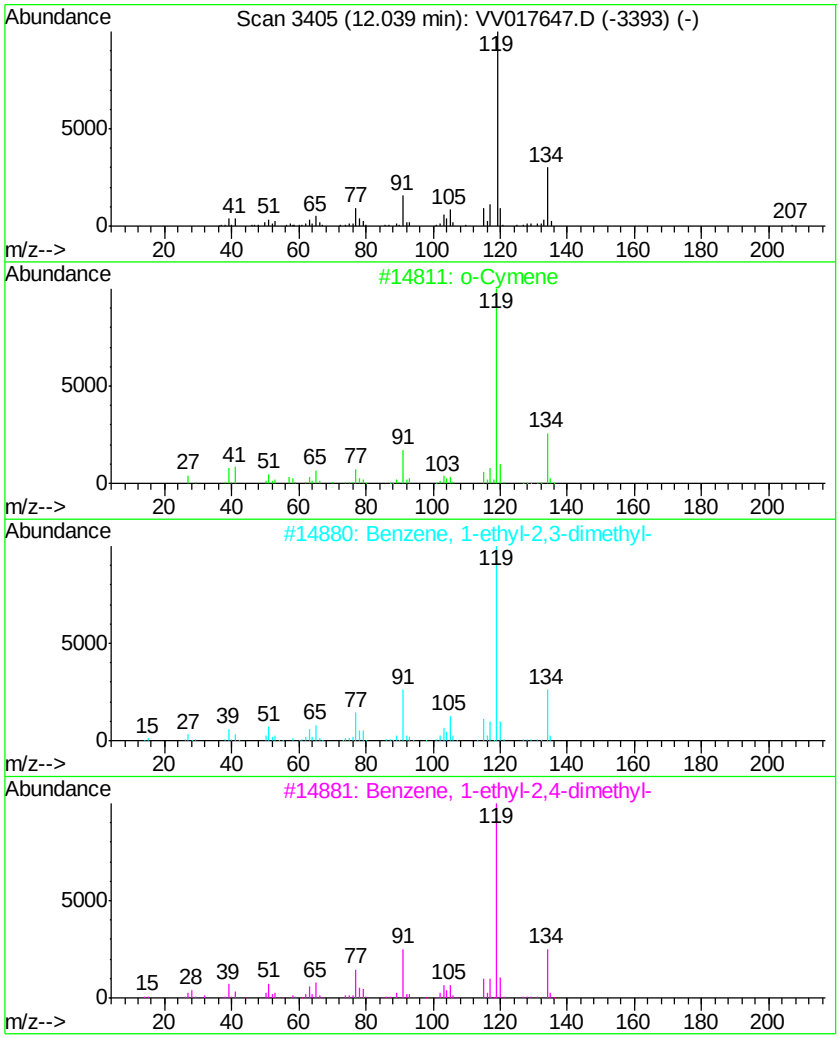
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

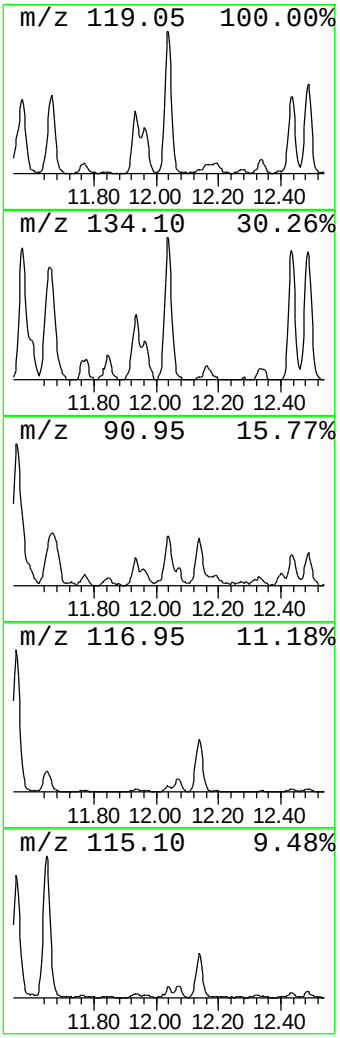
****

Peak Number 24 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	0.91 ug/L	103005	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

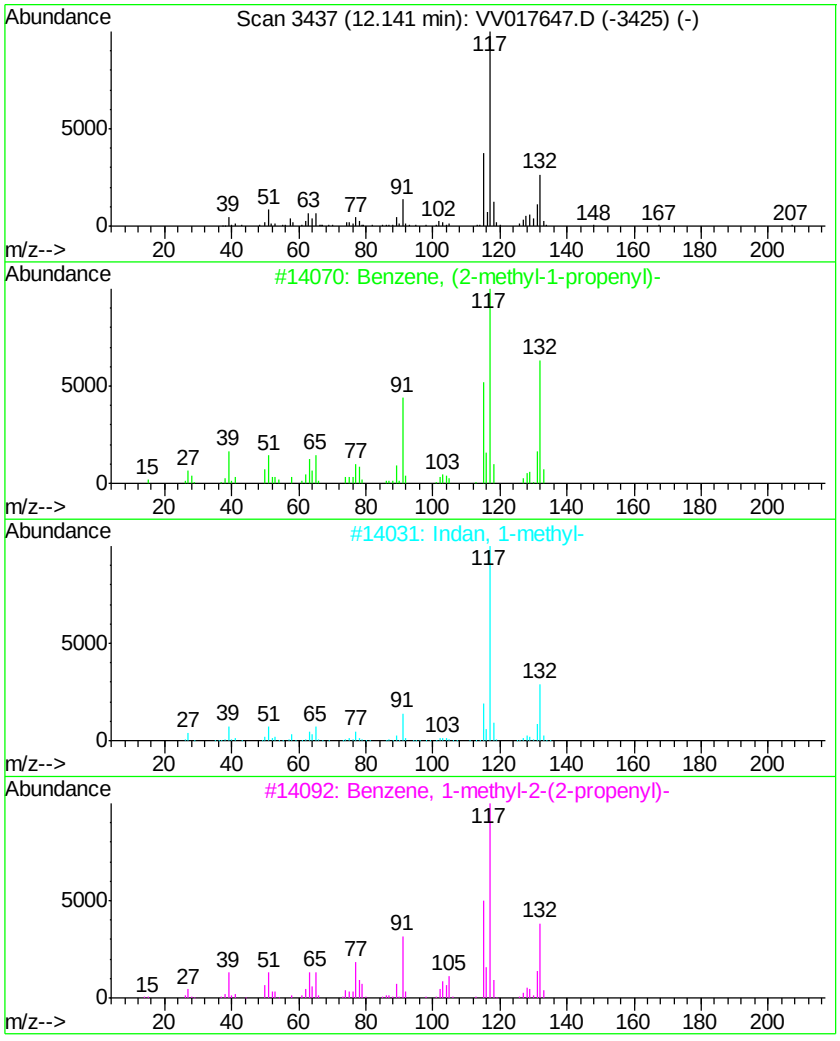
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

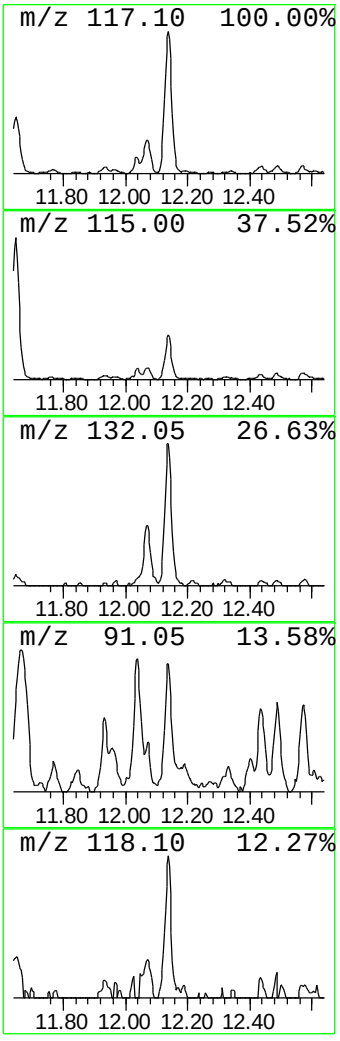
****

Peak Number 25 Benzene, (2-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	1.17 ug/L	132928	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

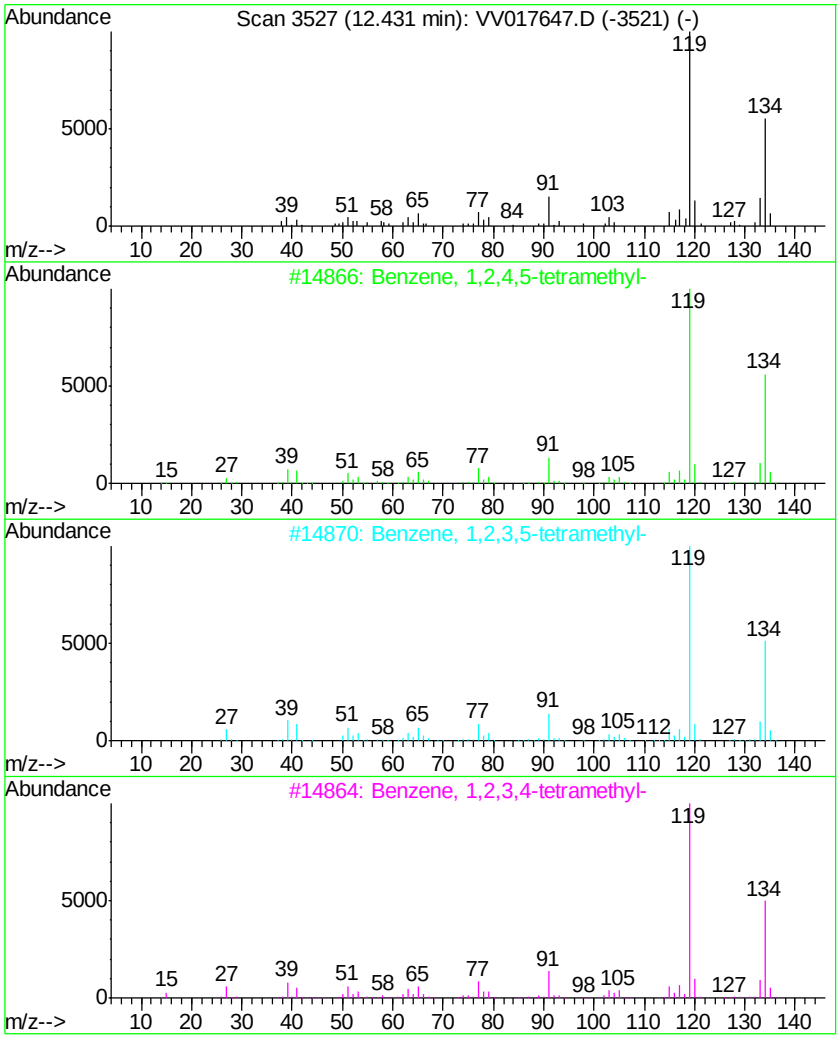
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

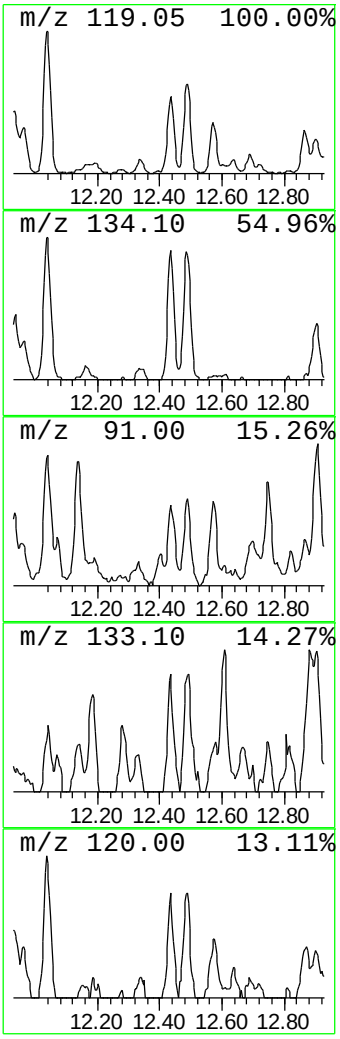
****

Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	0.57 ug/L	63942	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

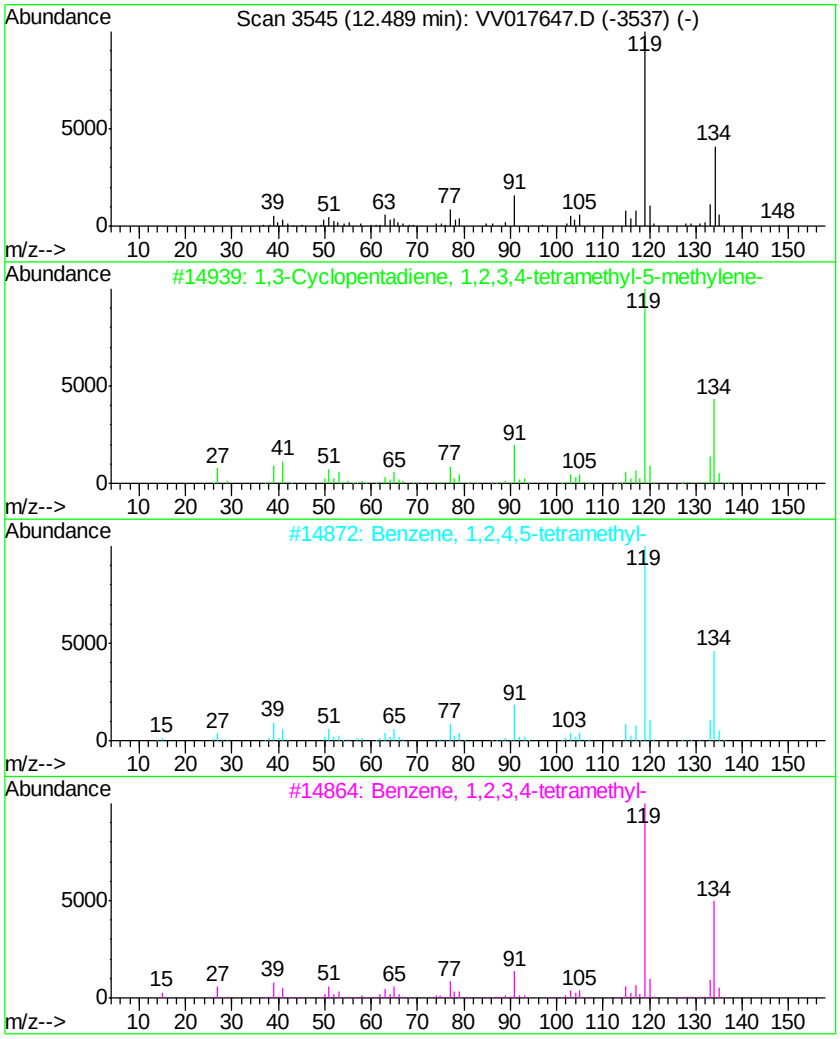
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

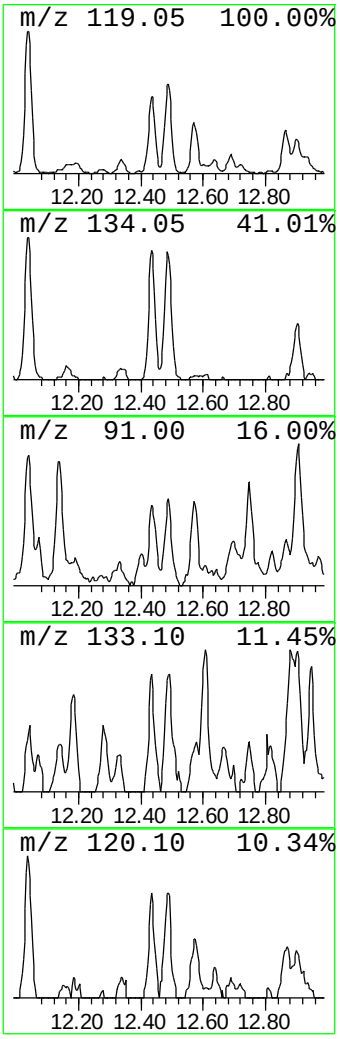
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	0.63 ug/L	71152	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

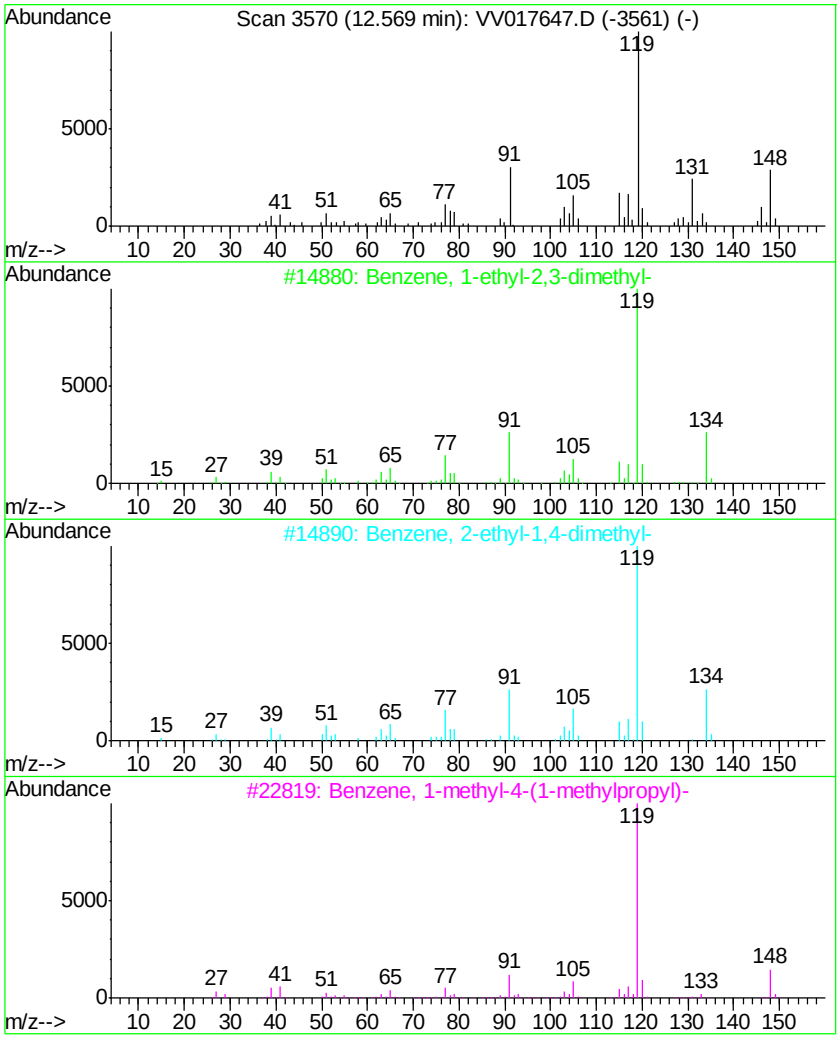
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

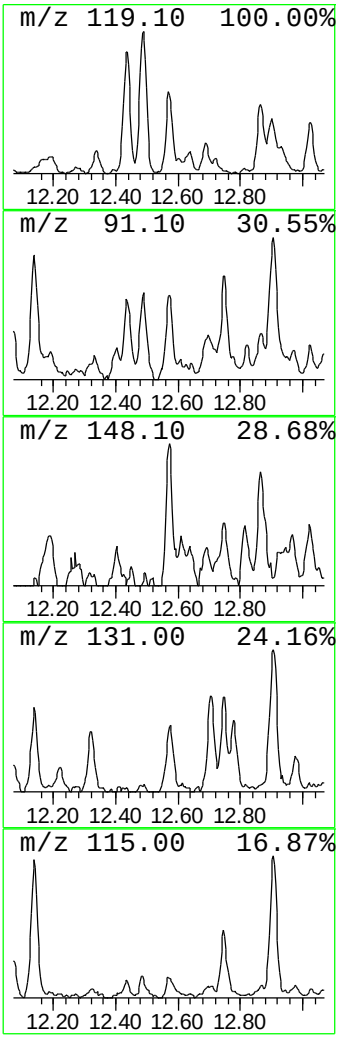
****

Peak Number 28 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	0.53 ug/L	59926	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

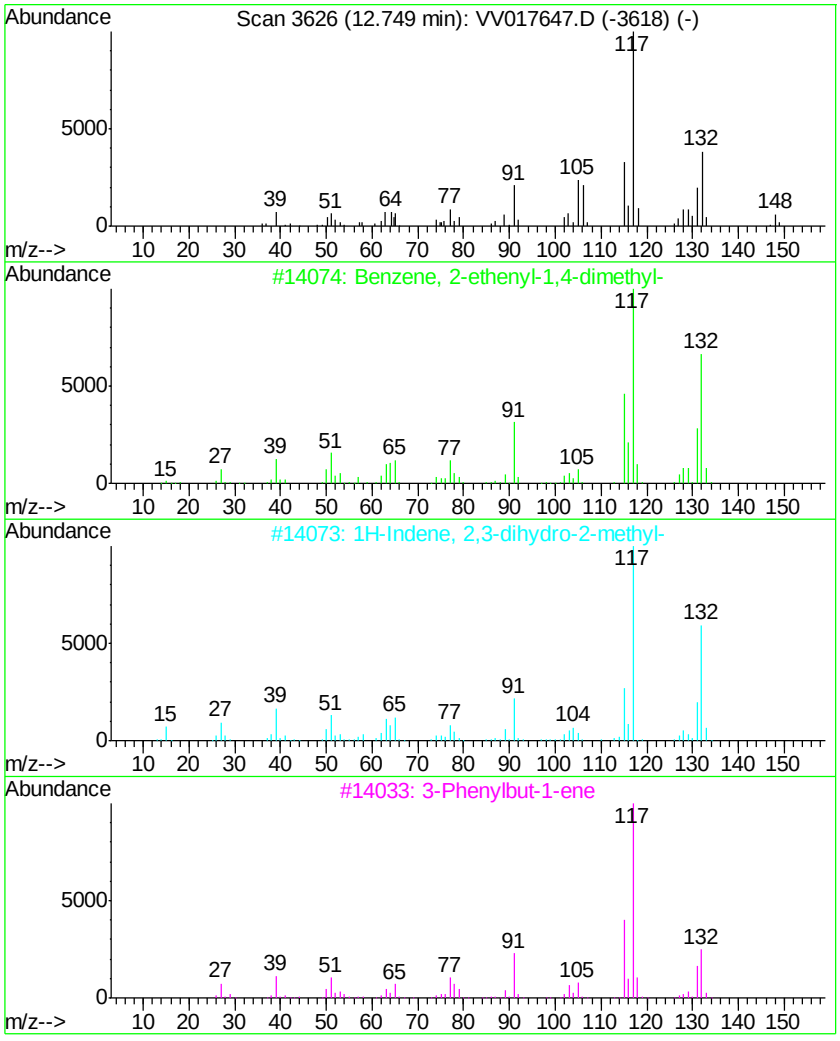
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

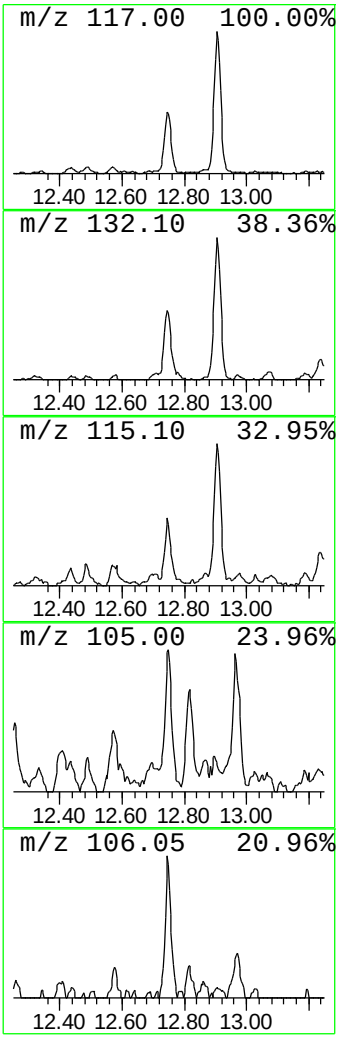
****

Peak Number 29 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	0.62 ug/L	70483	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

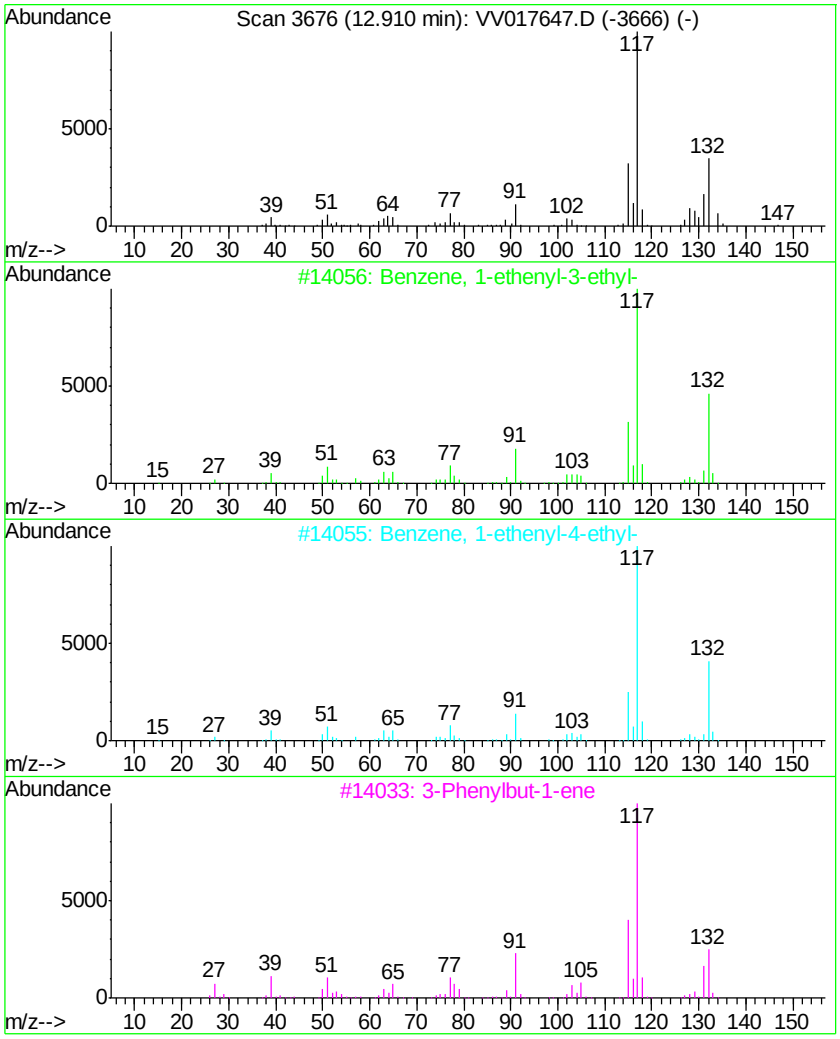
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

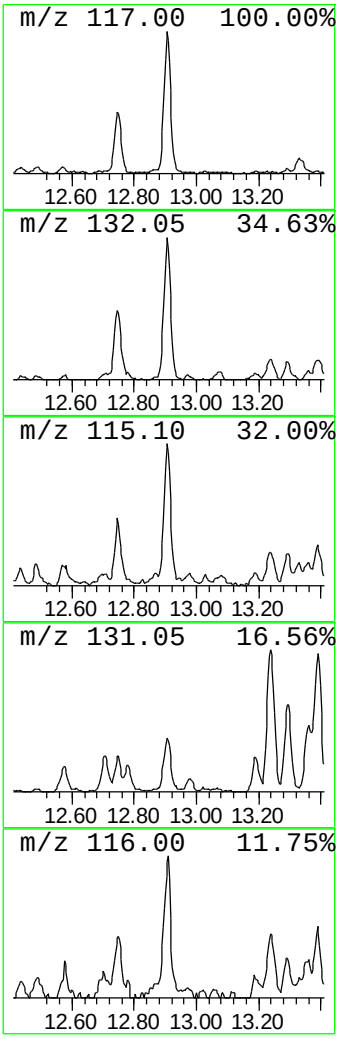
****

Peak Number 30 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	1.70 ug/L	192789	1,4-Dichlorobenzene-d4	11.27

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	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

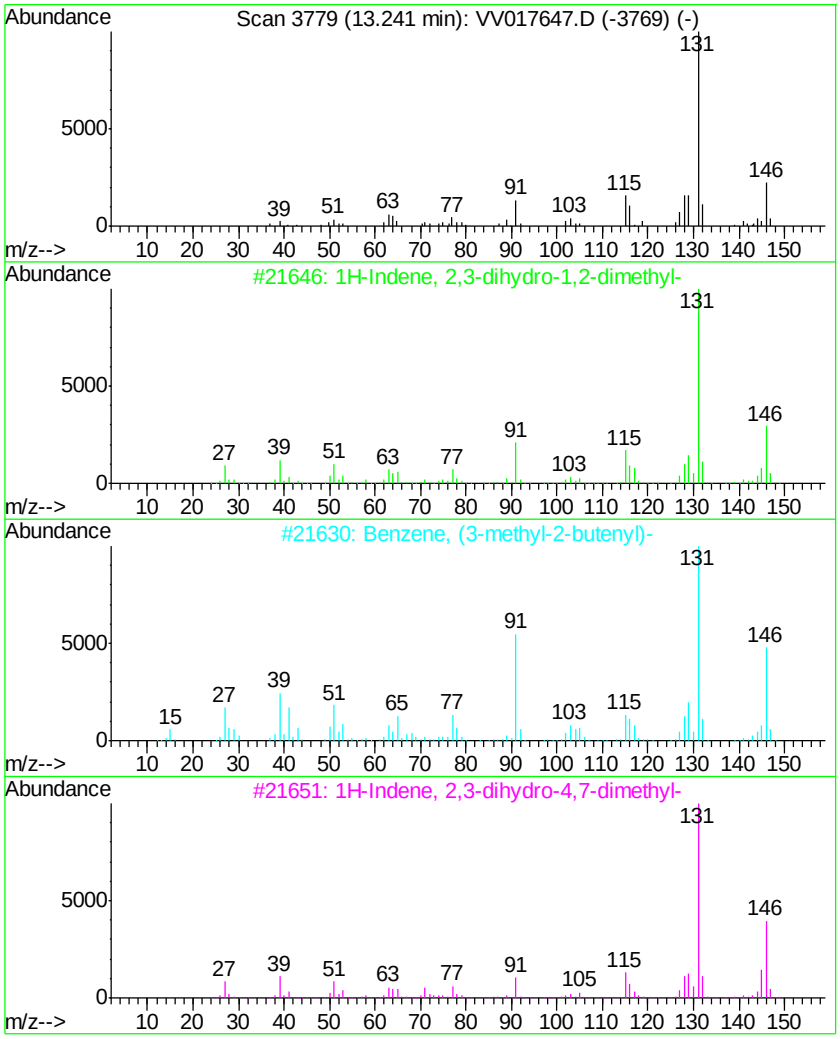
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

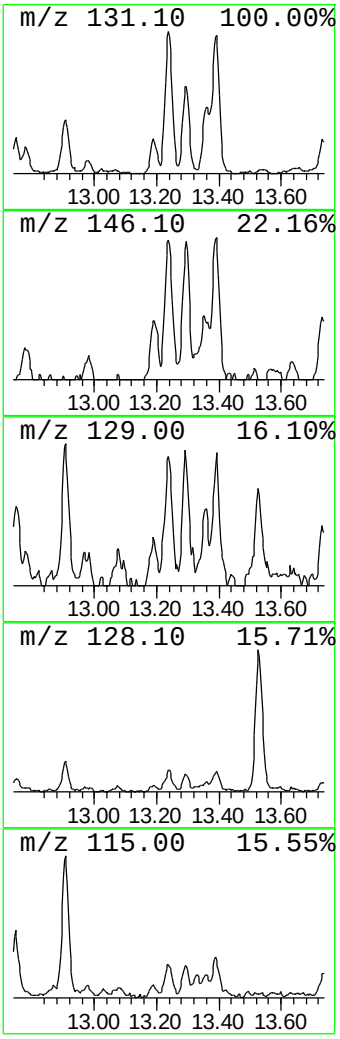
****

Peak Number 31 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	0.51 ug/L	57229	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

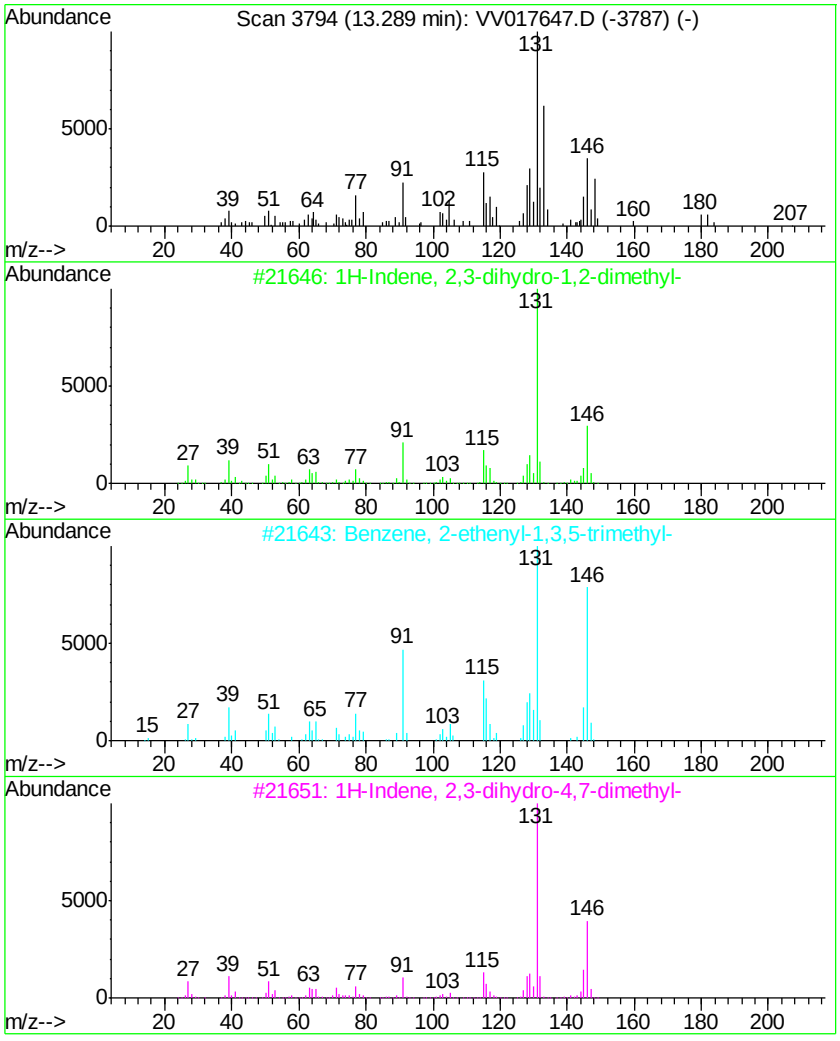
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

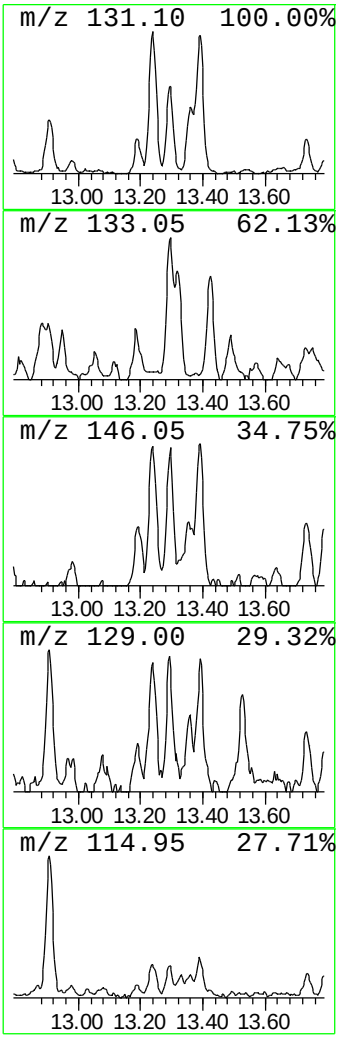
****

Peak Number 32 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	0.63 ug/L	70936	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017647.D
Acq On : 24 Jul 2020 14:27
Operator : SY/MD
Sample : L3395-17DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY25DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.11	1.9	ug/L	175340	1	5.64	468198	5.0
(DEL) Alkane: Str...	1.64	1.1	ug/L	104181	1	5.64	468198	5.0
(DEL) Alkane: Str...	1.82	0.9	ug/L	88906	1	5.64	468198	5.0
(DEL) Alkane: Cyc...	2.03	1.5	ug/L	138612	1	5.64	468198	5.0
(DEL) Alkane: Cyc...	2.59	1.2	ug/L	111282	1	5.64	468198	5.0
(DEL) Alkane: Str...	3.68	1.5	ug/L	137535	1	5.64	468198	5.0
(DEL) Alkane: Cyc...	3.78	0.8	ug/L	71963	1	5.64	468198	5.0
Cyclopentene, 4-m...	4.48	0.8	ug/L	76528	1	5.64	468198	5.0
(DEL) Alkane: Str...	4.78	5.0	ug/L	463797	1	5.64	468198	5.0
(DEL) Alkane: Str...	5.25	12.4	ug/L	1157400	1	5.64	468198	5.0
(DEL) Alkane: Str...	6.22	1.2	ug/L	109366	1	5.64	468198	5.0
(DEL) Alkane: Str...	6.28	1.7	ug/L	158178	1	5.64	468198	5.0
(DEL) Alkane: Str...	6.67	6.4	ug/L	595346	1	5.64	468198	5.0
(DEL) Alkane: Str...	6.80	5.1	ug/L	480984	1	5.64	468198	5.0
(DEL) Alkane: Str...	6.86	1.0	ug/L	94120	1	5.64	468198	5.0
(DEL) Alkane: Str...	7.28	1.5	ug/L	160114	2	8.87	531283	5.0
Benzene, propyl-	10.38	0.7	ug/L	80384	3	11.27	565828	5.0
Mesitylene	10.56	1.1	ug/L	118294	3	11.27	565828	5.0
Benzene, 1-ethyl-...	10.76	1.3	ug/L	151739	3	11.27	565828	5.0
Benzene, 1,2,3-tr...	10.94	5.1	ug/L	575067	3	11.27	565828	5.0
Benzene, 1,2,4-tr...	11.36	1.3	ug/L	144671	3	11.27	565828	5.0
Indane	11.55	4.2	ug/L	475430	3	11.27	565828	5.0
o-Cymene	12.04	0.9	ug/L	103005	3	11.27	565828	5.0
Benzene, (2-methy...	12.14	1.2	ug/L	132928	3	11.27	565828	5.0
Benzene, 1,2,4,5-...	12.43	0.6	ug/L	63942	3	11.27	565828	5.0
1,3-Cyclopentadie...	12.49	0.6	ug/L	71152	3	11.27	565828	5.0
Benzene, 1-ethyl-...	12.57	0.5	ug/L	59926	3	11.27	565828	5.0
Benzene, 2-etheny...	12.75	0.6	ug/L	70483	3	11.27	565828	5.0
Benzene, 1-etheny...	12.91	1.7	ug/L	192789	3	11.27	565828	5.0
1H-Indene, 2,3-di...	13.24	0.5	ug/L	57229	3	11.27	565828	5.0
Benzene, 2-etheny...	13.29	0.6	ug/L	70936	3	11.27	565828	5.0