LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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	1.306	58	67	78	rVB2	112530	147102	29.33%	3.939%
2	1.634	161	169	183	rBV	172970	227054	45.28%	6.079%
3	1.814	216	225	245	rVB3	60379	111963	22.33%	2.998%
4	1.904	245	253	262	rBV	17545	23944	4.77%	0.641%
5	1.984	271	278	284	rBV4	10225	14142	2.82%	0.379%
6	2.029	284	292	308	rVB	82571	122851	24.50%	3.289%
7	2.113	310	318	332	rBV2	20923	38298	7.64%	1.025%
8	2.499	420	438	446	rBV5	23124	62668	12.50%	1.678%
9	2.586	457	465	482	rVB3	62789	123884	24.70%	3.317%
10	2.775	513	524	535	rBV3	14464	29208	5.82%	0.782%
11	3.286	673	683	700	rVB2	15911	36708	7.32%	0.983%
12	3.383	700	713	725	rBV6	10762	25568	5.10%	0.685%
13	3.602	766	781	793	rBV8	12845	29996	5.98%	0.803%
14	3.688	793	808	822	rVV3	25392	63983	12.76%	1.713%
15	3.782	824	837	853	rVB3	34299	85380	17.03%	2.286%
16	4.373	1008	1021	1033	rBV3	6952	18282	3.65%	0.490%
17	4.479	1043	1054	1069	rVB3	21815	51172	10.20%	1.370%
18	4.698	1106	1122	1133	rBV3	26238	63181	12.60%	1.692%
19	4.788	1135	1150	1169	rVB3	80632	213619	42.60%	5.720%
20	4.929	1178	1194	1197	rBV7	8426	13677	2.73%	0.366%
21	5.071	1226	1238	1246	rBV4	17985	40297	8.04%	1.079%
22	5.122	1249	1254	1269	rVV2	20217	43252	8.63%	1.158%
23	5.254	1270	1295	1313	rVV	194569	501465	100.00%	13.427%
24	5.643	1407	1416	1449	rBV4	22054	83038	16.56%	2.223%
25	5.965	1502	1516	1527	rVB7	7325	17338	3.46%	0.464%
26	6.100	1547	1558	1562	rBV9	9407	17993	3.59%	0.482%
27	6.222	1585	1596	1604	rBV6	17831	34048	6.79%	0.912%
28	6.277	1604	1613	1623	rVV4	25672	53162	10.60%	1.423%
29	6.331	1623	1630	1638	rVB5	7106	12860	2.56%	0.344%
30	6.675	1721	1737	1752	rBV2	107693	216161	43.11%	5.788%
31	6.798	1759	1775	1787	rBV2	83579	186175	37.13%	4.985%
32	6.859	1788	1794	1811	rVB4	21546	42588	8.49%	1.140%
33	7.193	1887	1898	1912	rVB10	9737	21887	4.36%	0.586%
34	7.283	1912	1926	1935	rBV2	38253	74791	14.91%	2.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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	7.341	1936	1944	1958	rVB	24628	43738	8.72%	1.171%
36	7.415	1958	1967	1977	rBV	12394	22691	4.52%	0.608%
37	7.865	2098	2107	2112	rBV6	9214	15580	3.11%	0.417%
38	8.878	2413	2422	2430	rBV	24618	43478	8.67%	1.164%
39	9.032	2461	2470	2485	rVB3	25406	43457	8.67%	1.164%
40	9.158	2498	2509	2524	rBV	157167	258598	51.57%	6.924%
41	9.244	2526	2536	2553	rVB	8127	18928	3.77%	0.507%
42	9.955	2746	2757	2767	rBV2	9853	14705	2.93%	0.394%
43	10.148	2808	2817	2827	rVB3	11235	19234	3.84%	0.515%
44	10.376	2880	2888	2896	rBV2	13033	19431	3.87%	0.520%
45	10.563	2938	2946	2957	rBV2	18469	27509	5.49%	0.737%
46	10.762	2999	3008	3019	rBV2	19781	34013	6.78%	0.911%
47	10.936	3052	3062	3081	rVB	74578	117271	23.39%	3.140%
48	11.277	3159	3168	3184	rVB3	19166	33977	6.78%	0.910%
49	11.357	3184	3193	3203	rBV2	17221	28021	5.59%	0.750%
50	11.553	3243	3254	3267	rBV3	34162	66445	13.25%	1.779%
51	11.653	3275	3285	3296	rBV8	19429	37497	7.48%	1.004%
52	12.042	3398	3406	3415	rBV4	8216	14316	2.85%	0.383%
53	12.138	3428	3436	3445	rBV2	9226	14238	2.84%	0.381%
54	12.910	3666	3676	3686	rVB4	8795	13946	2.78%	0.373%

Sum of corrected areas: 3734808

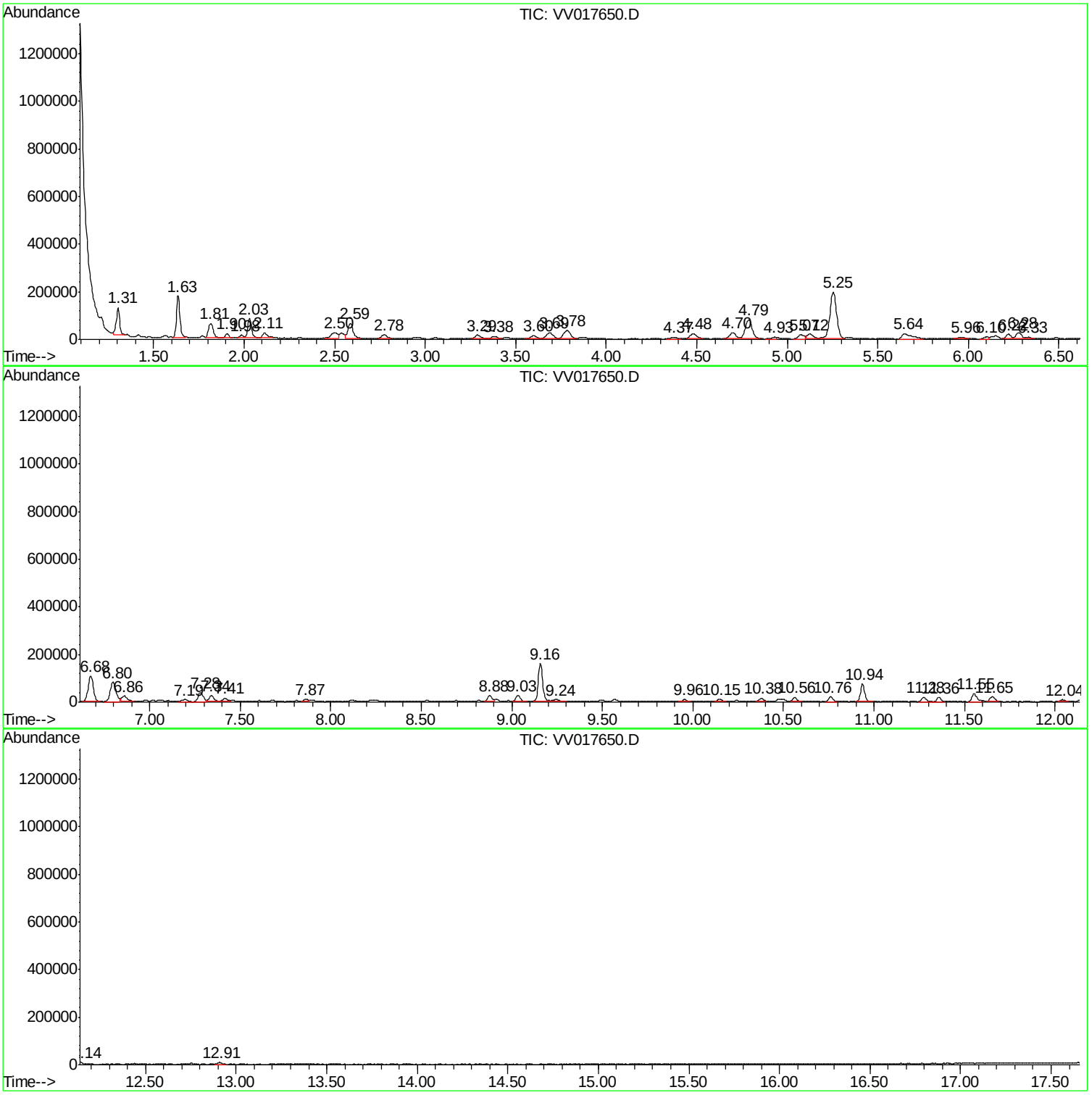
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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 : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

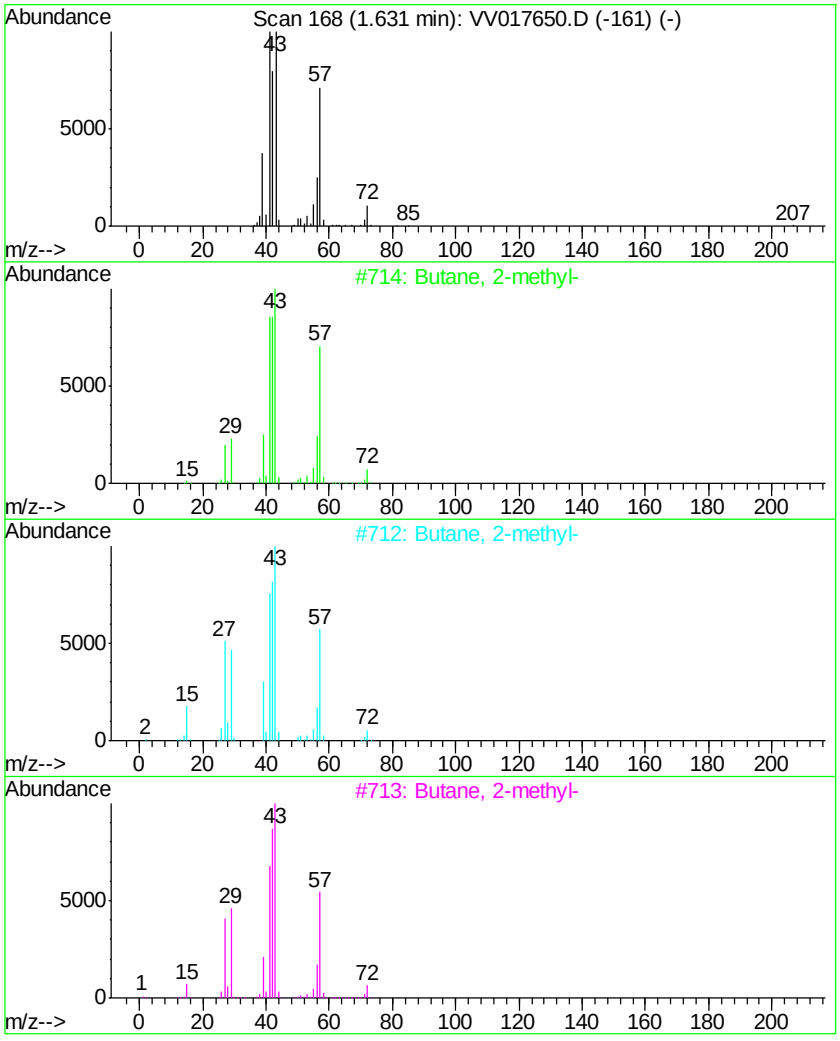
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

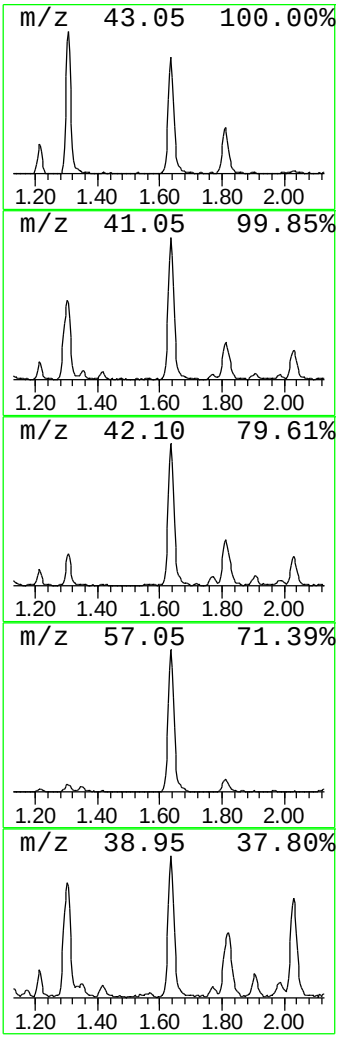
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	13.67 ug/L	227054	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	Butane, 2-methyl-	72	C5H12	000078-78-4	64
4	Pentane	72	C5H12	000109-66-0	45
5	1-Hexene	84	C6H12	000592-41-6	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

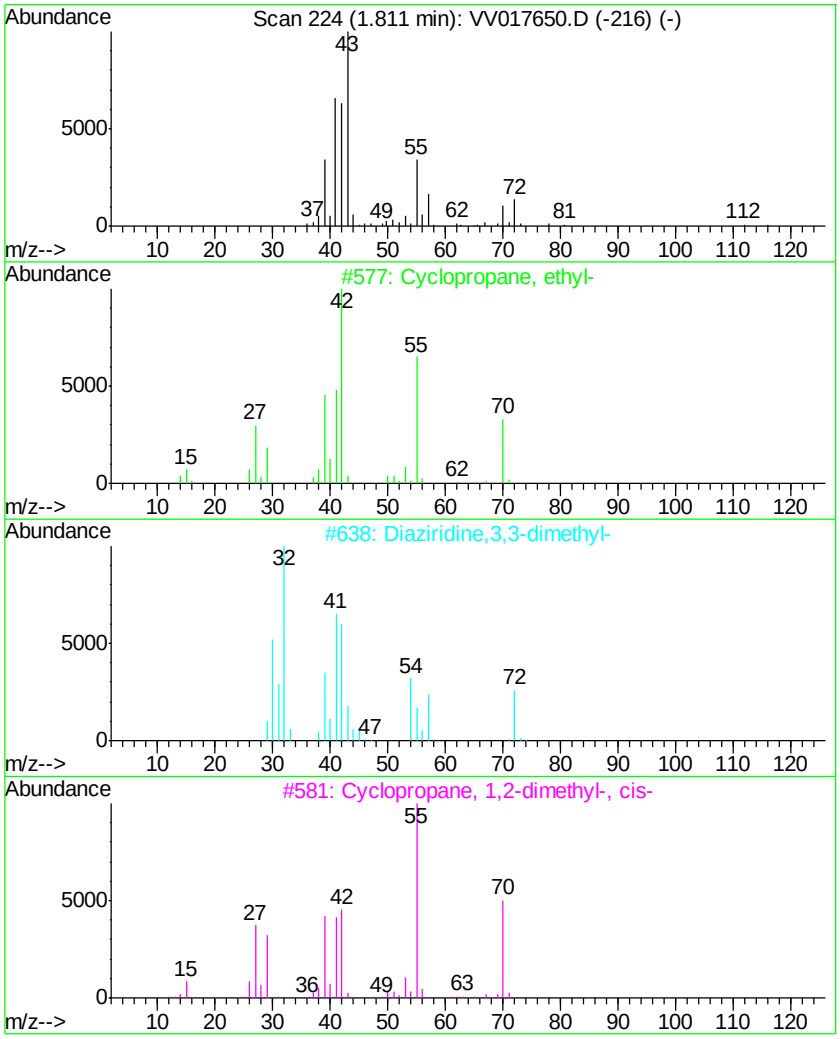
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

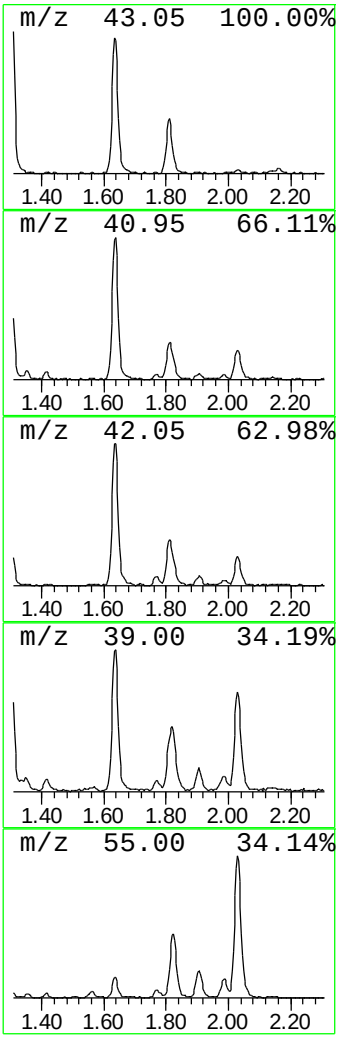
****

Peak Number 2 (DEL) Alkane: Cyclic1.81 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	6.74 ug/L	111963	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	47
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	43
4	Pentane	72	C5H12	000109-66-0	43
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

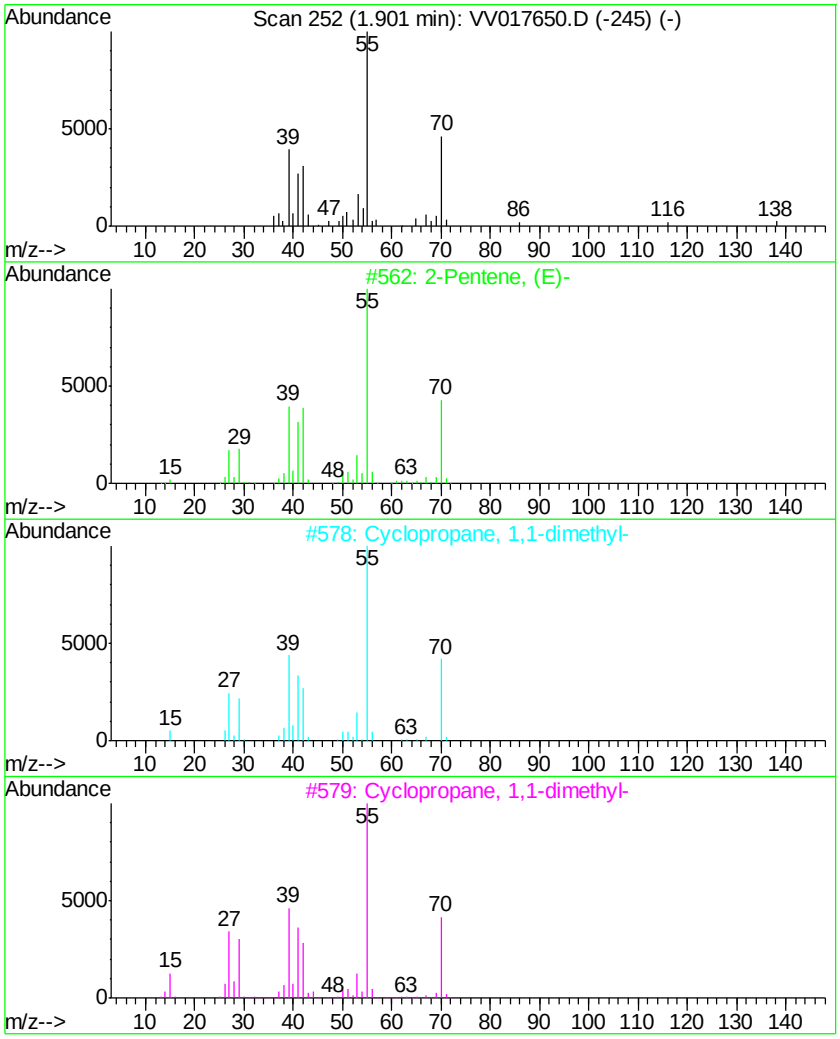
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

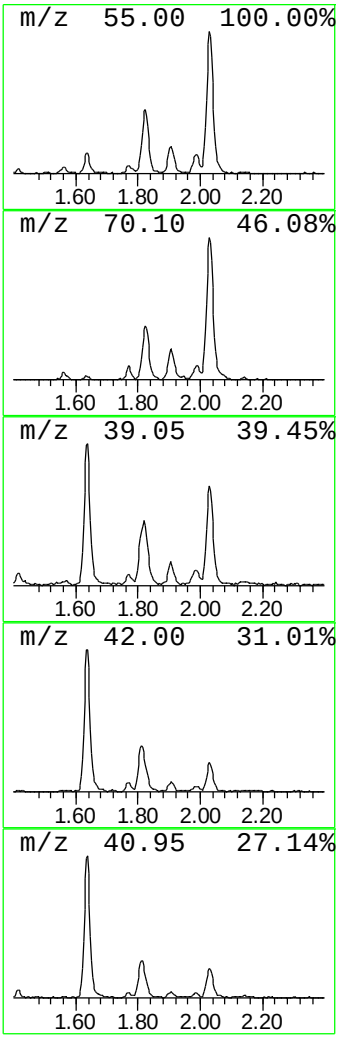
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	1.44 ug/L	23944	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	87
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

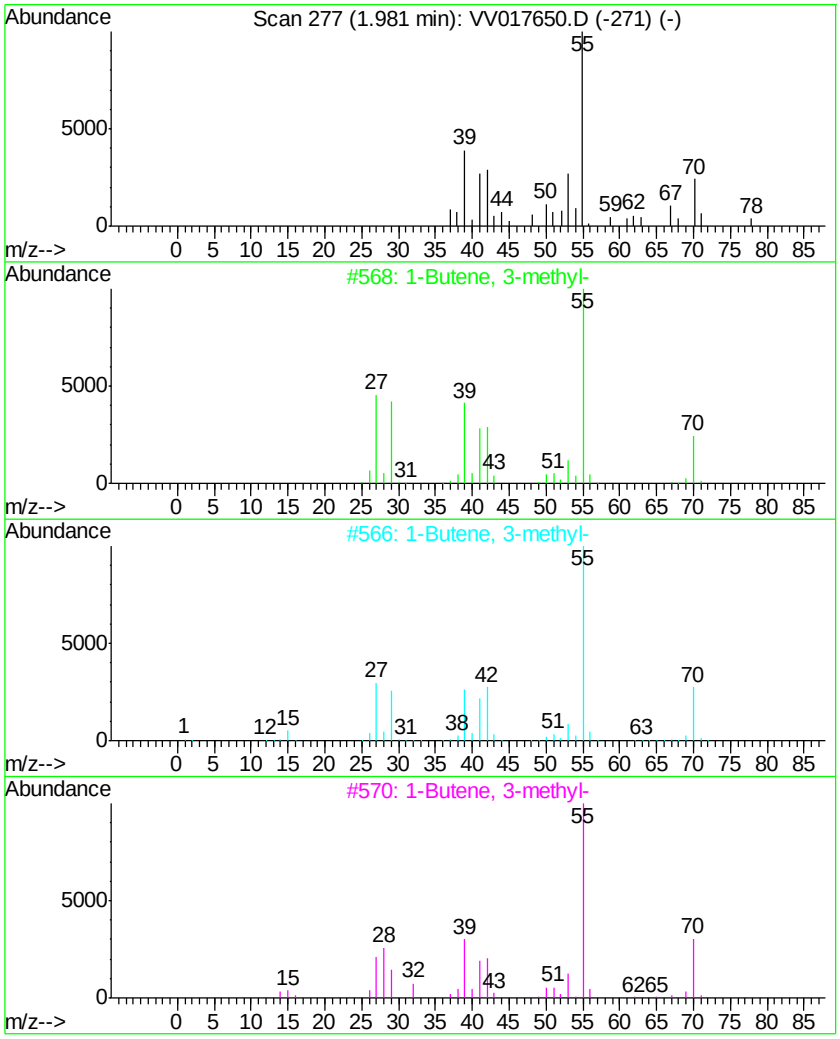
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

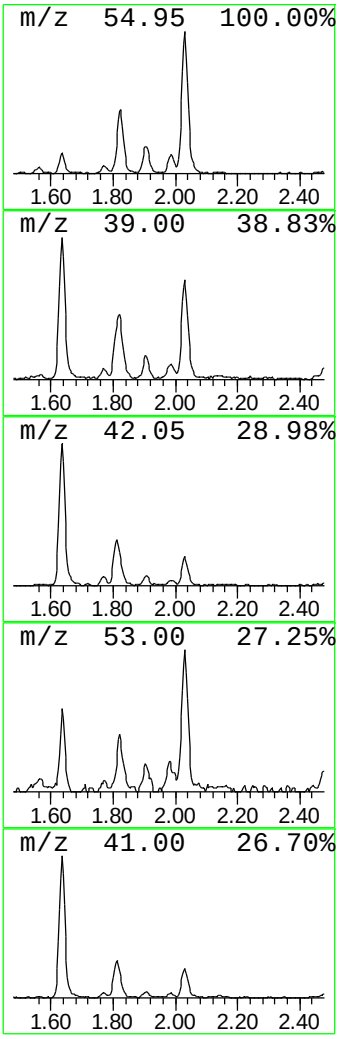
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.98	0.85 ug/L	14142	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-methyl-	70	C5H10	000563-45-1	35
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	35
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	25
4	2-Pentene, (E)-	70	C5H10	000646-04-8	22
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

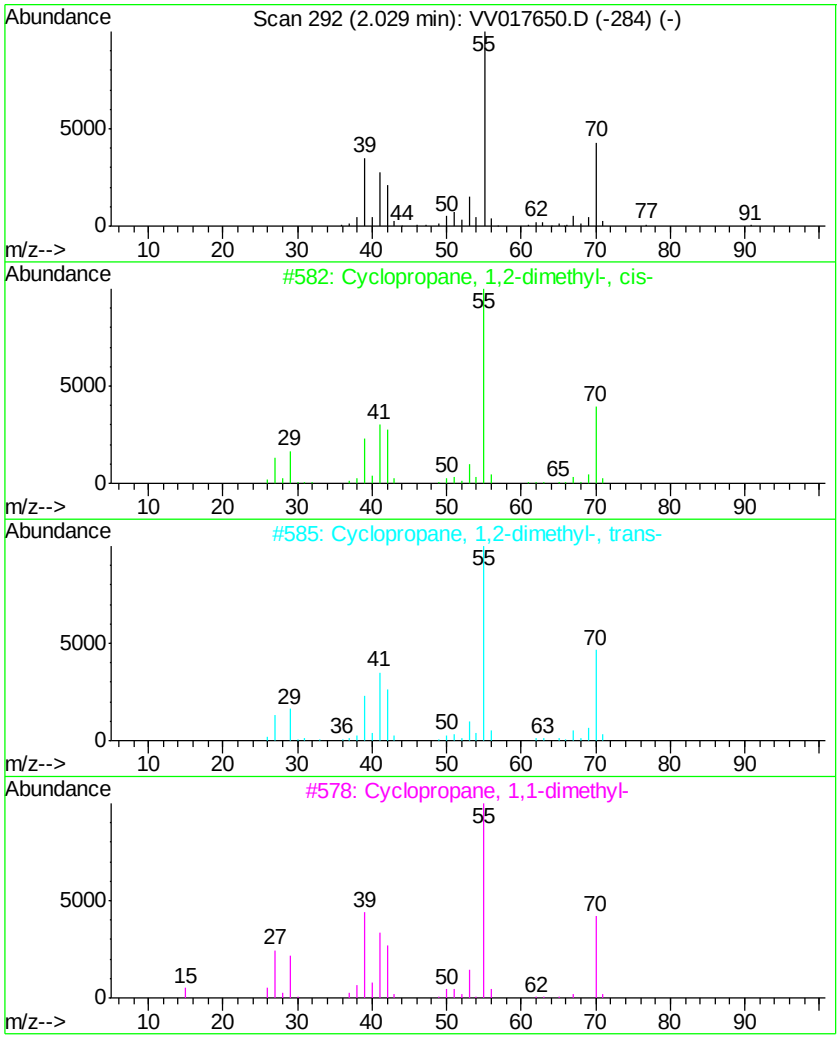
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

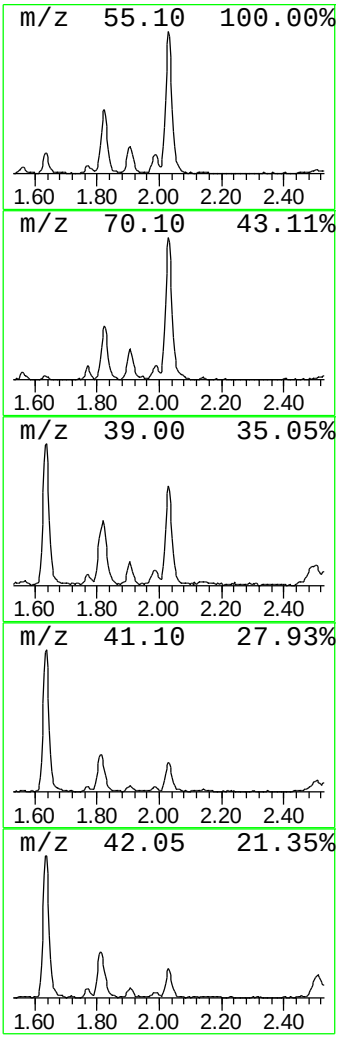
****

Peak Number 5 (DEL) Alkane: Cyclic2.03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	7.40 ug/L	122851	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80
5	2-Methyl-1-butene	70	C5H10	000563-46-2	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

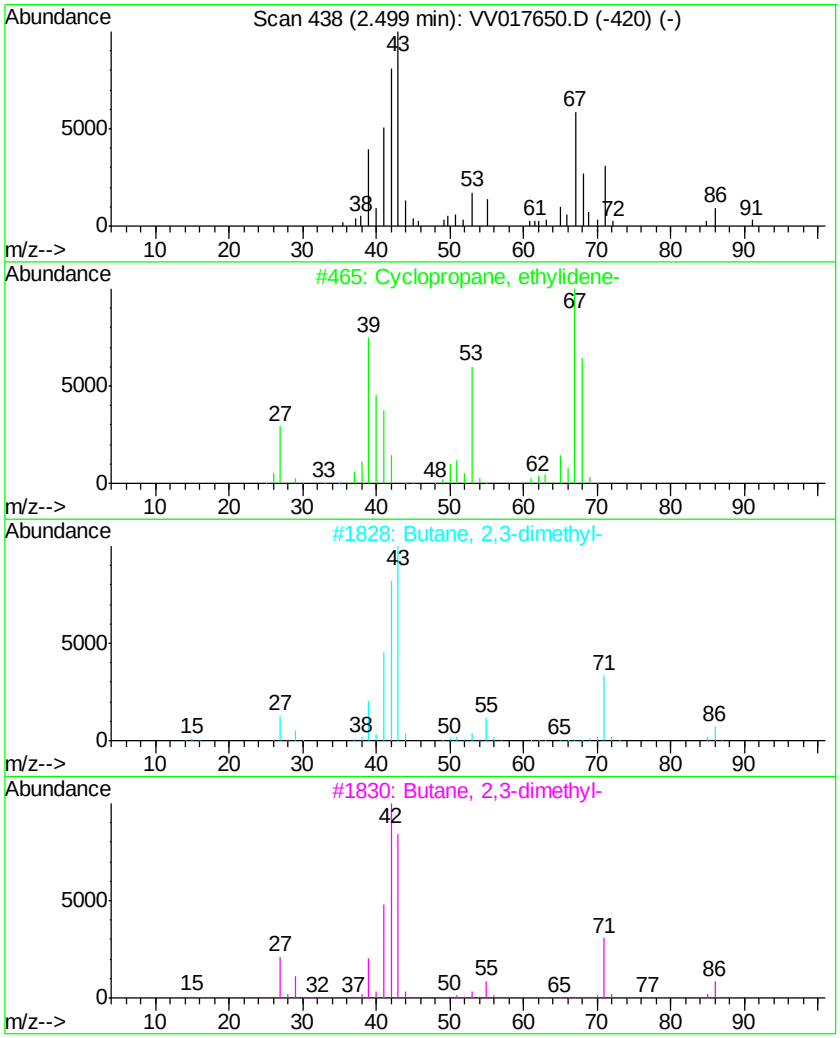
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

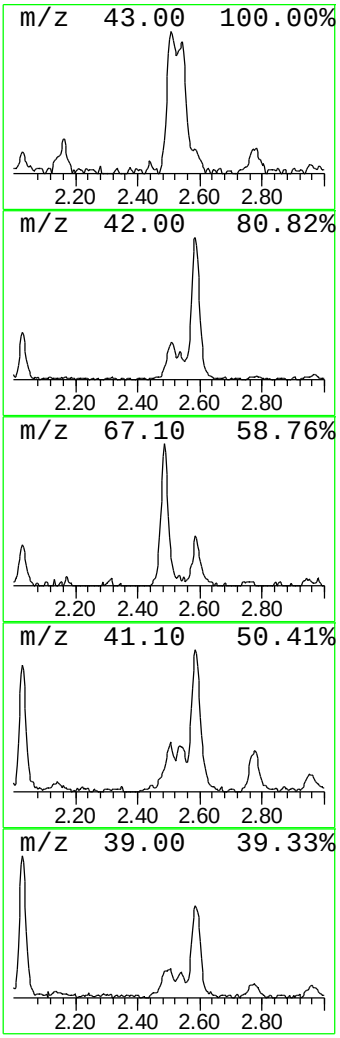
****

Peak Number 6 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	3.77 ug/L	62668	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethylidene-	68	C5H8	018631-83-9	38
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	35
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

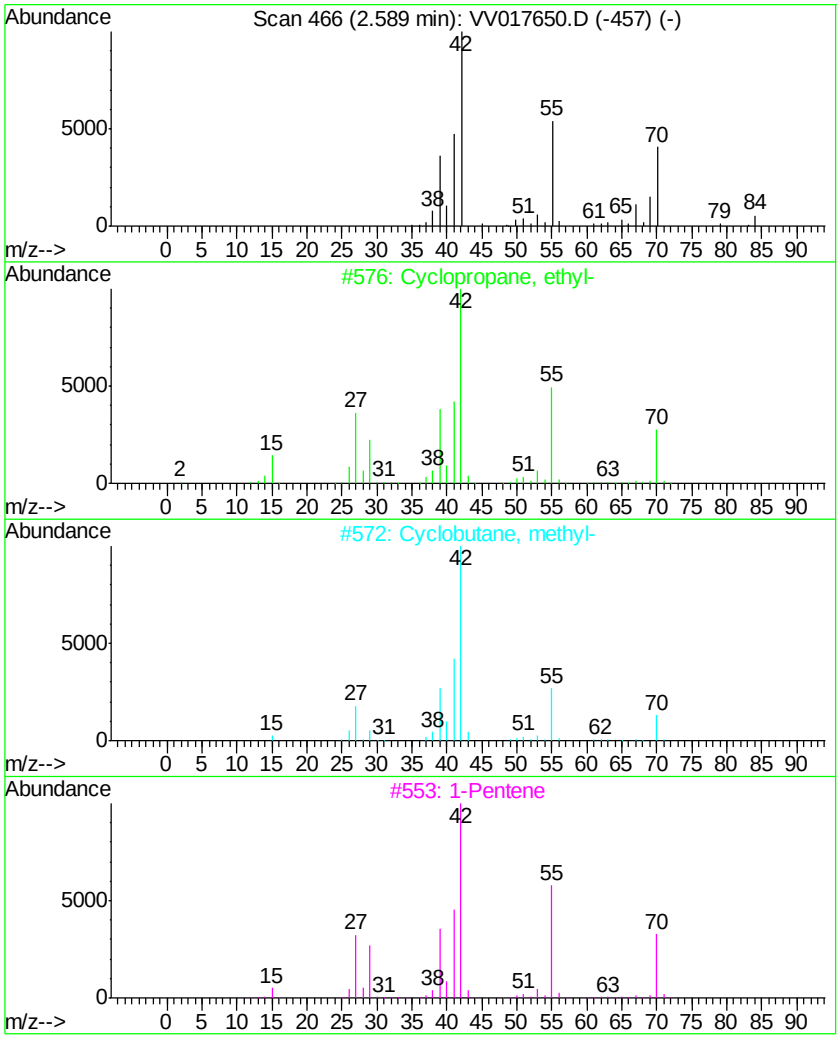
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

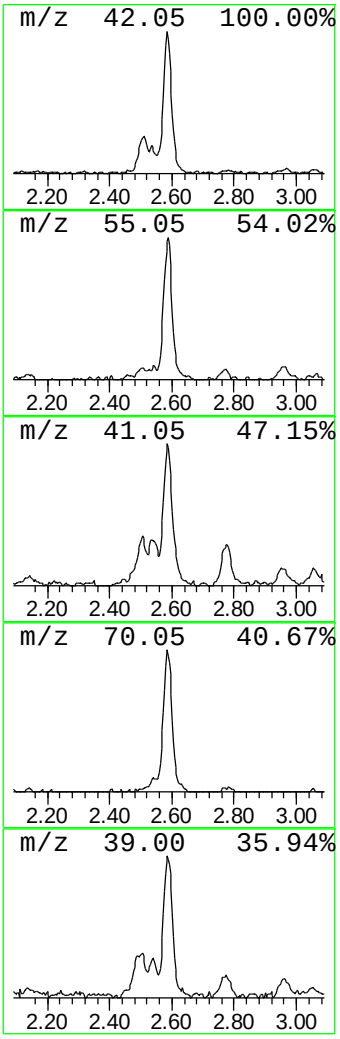
****

Peak Number 7 (DEL) Alkane: Cyclic2.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	7.46 ug/L	123884	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
3	1-Pentene	70	C5H10	000109-67-1	59
4	Cyclopentane	70	C5H10	000287-92-3	50
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

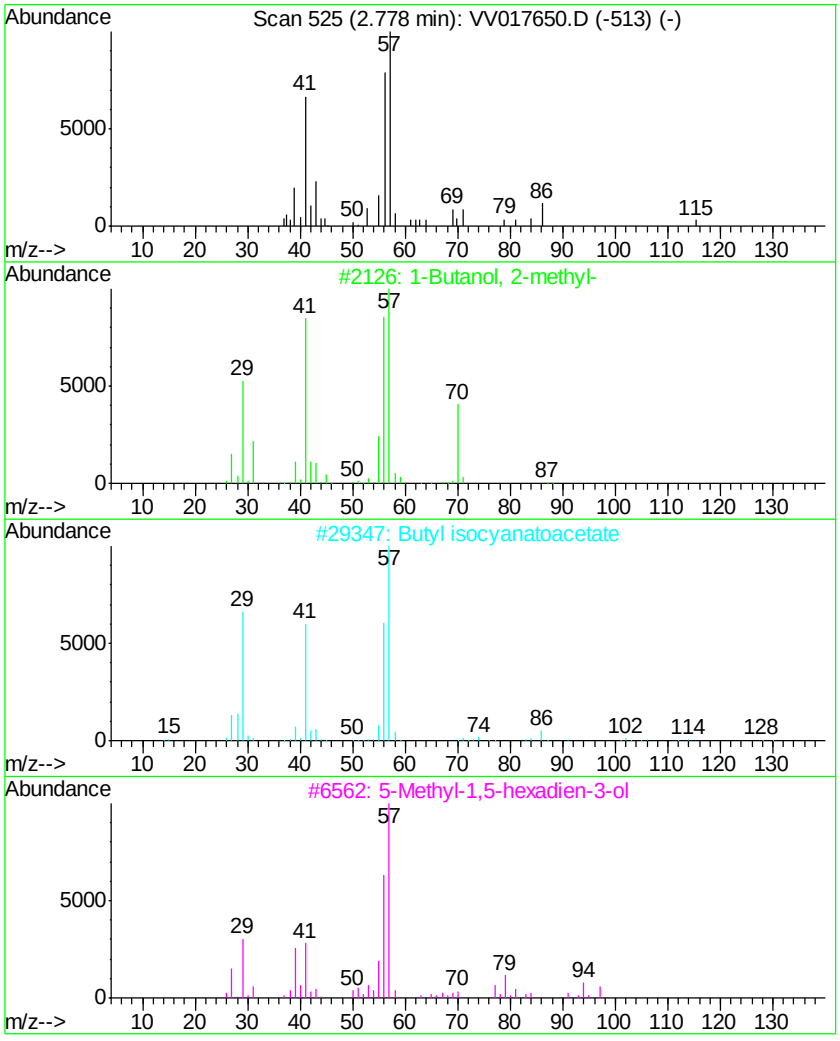
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

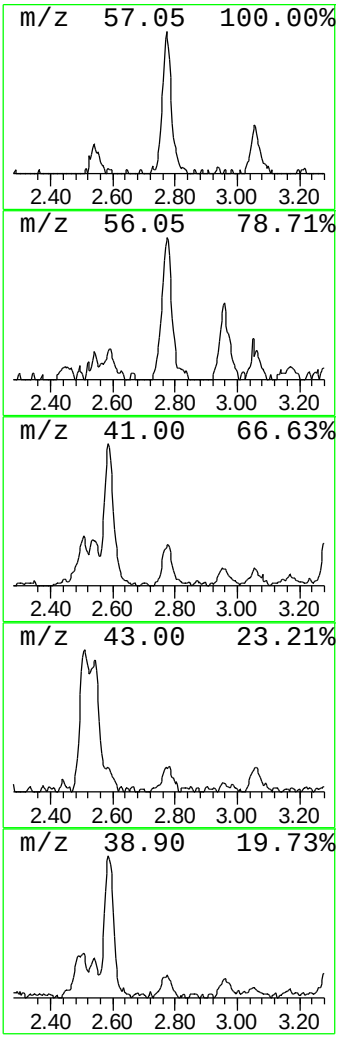
****

Peak Number 8 1-Butanol, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	1.76 ug/L	29208	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	53
2	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	50
3	5-Methyl-1,5-hexadien-3-ol	112	C7H12O	017123-61-4	45
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	45
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

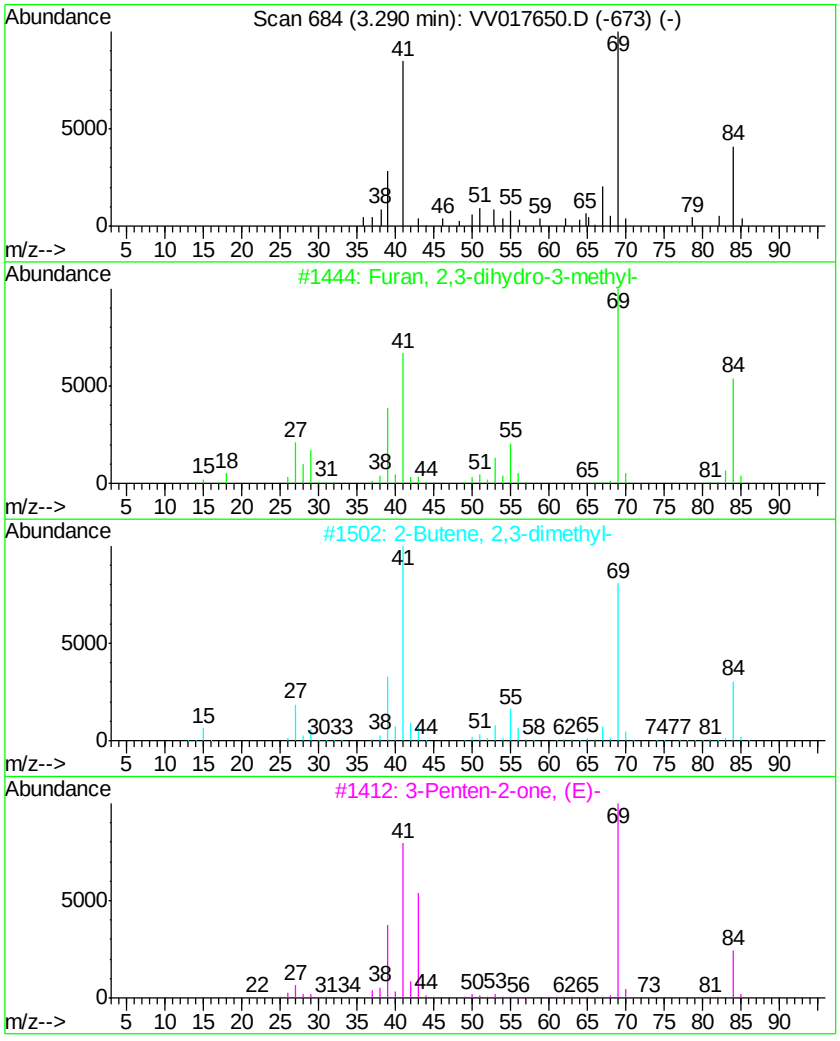
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

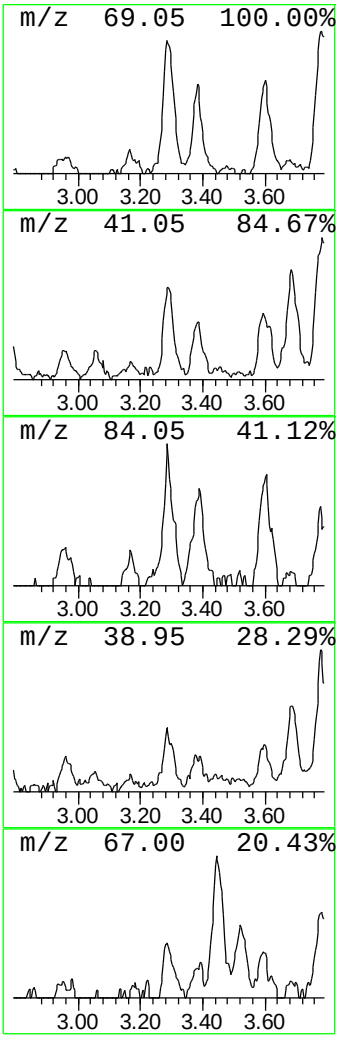
****

Peak Number 9 Furan, 2,3-dihydro-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	2.21 ug/L	36708	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	72
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	72
3	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	72
4	3-Penten-2-one	84	C5H8O	000625-33-2	64
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

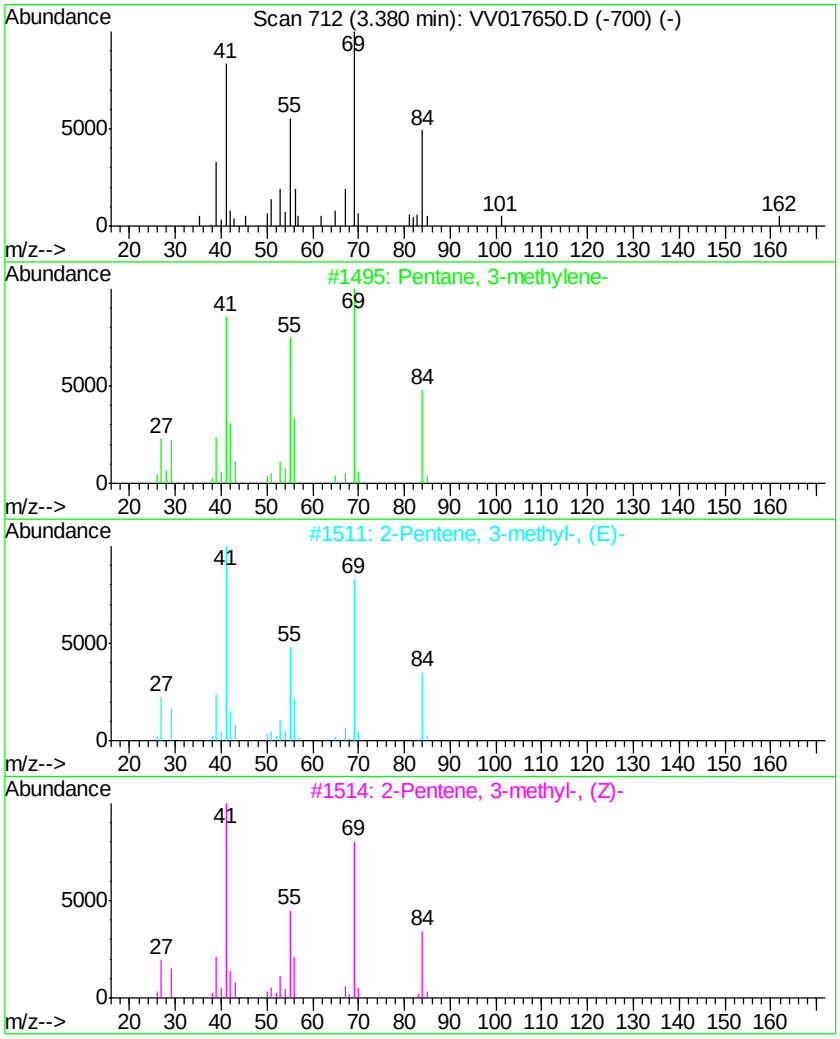
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

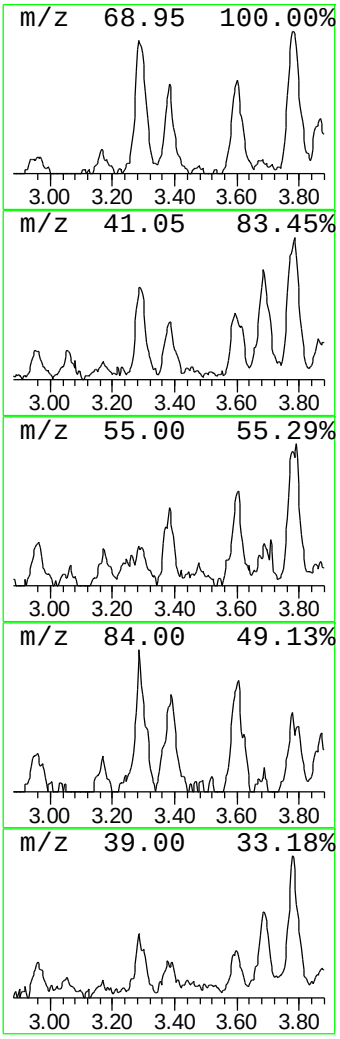
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	1.54 ug/L	25568	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	74
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	72
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	72
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	72
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

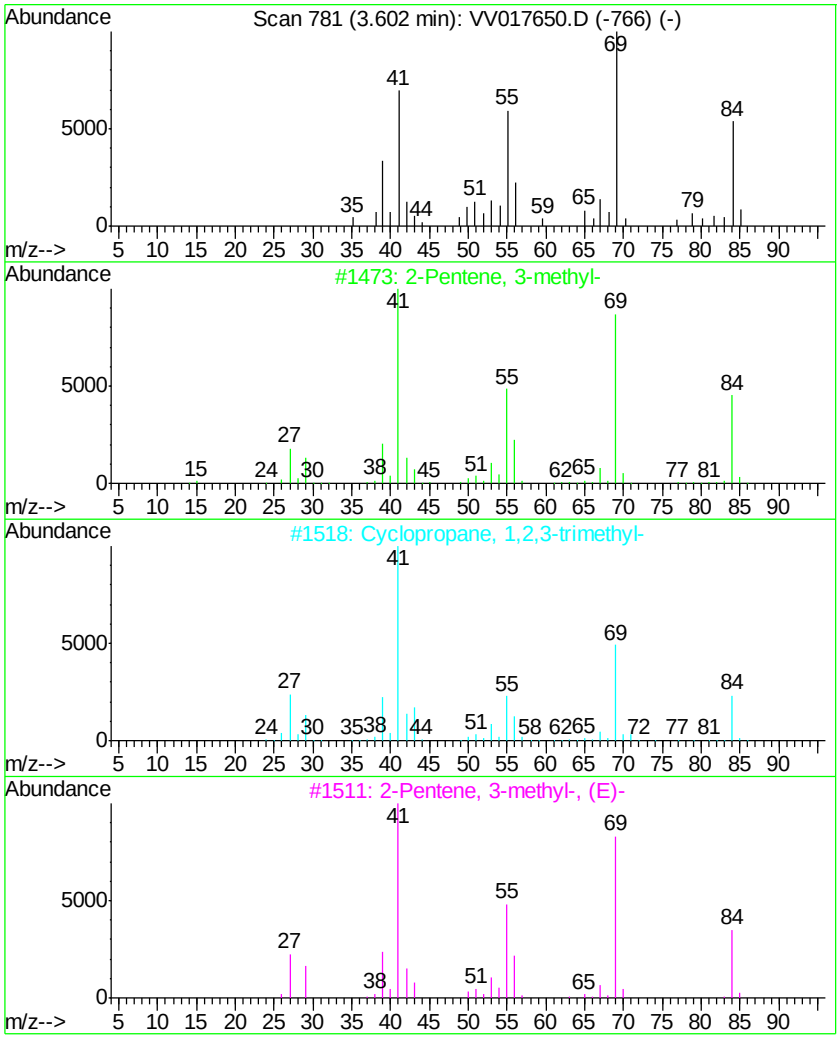
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

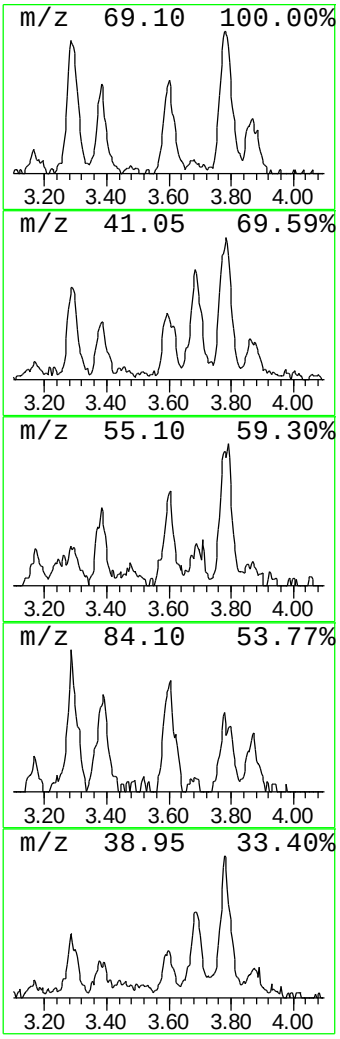
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	1.81 ug/L	29996	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	80
2	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	80
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	80
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	80
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

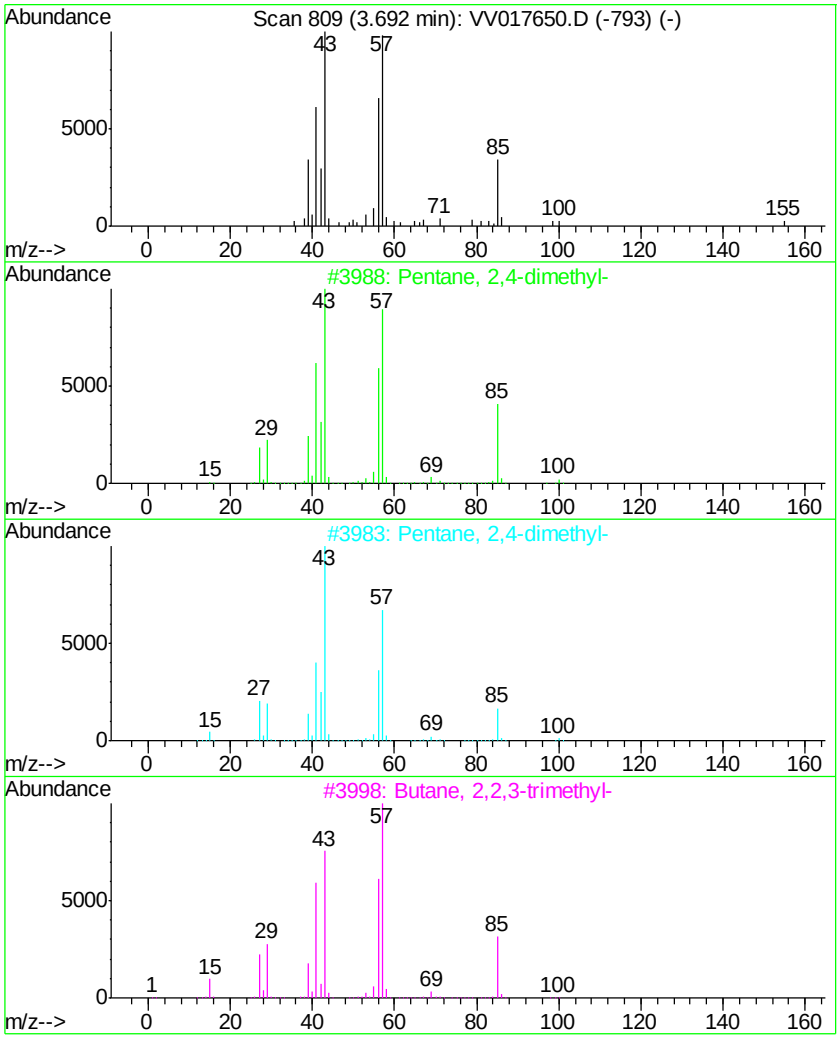
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

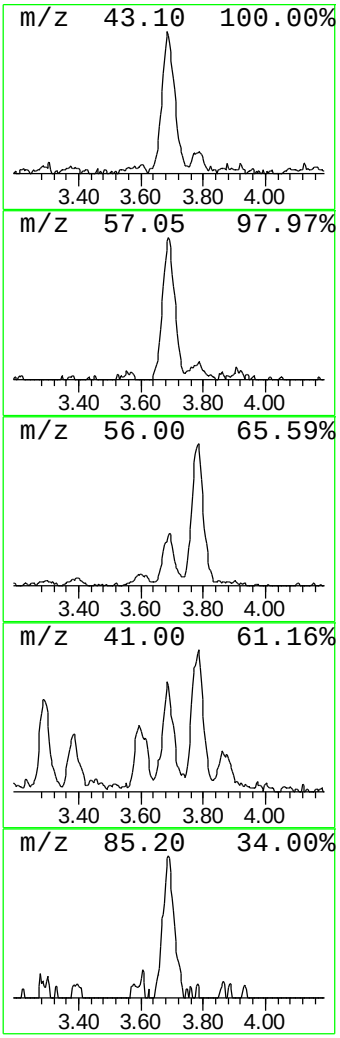
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	3.85 ug/L	63983	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

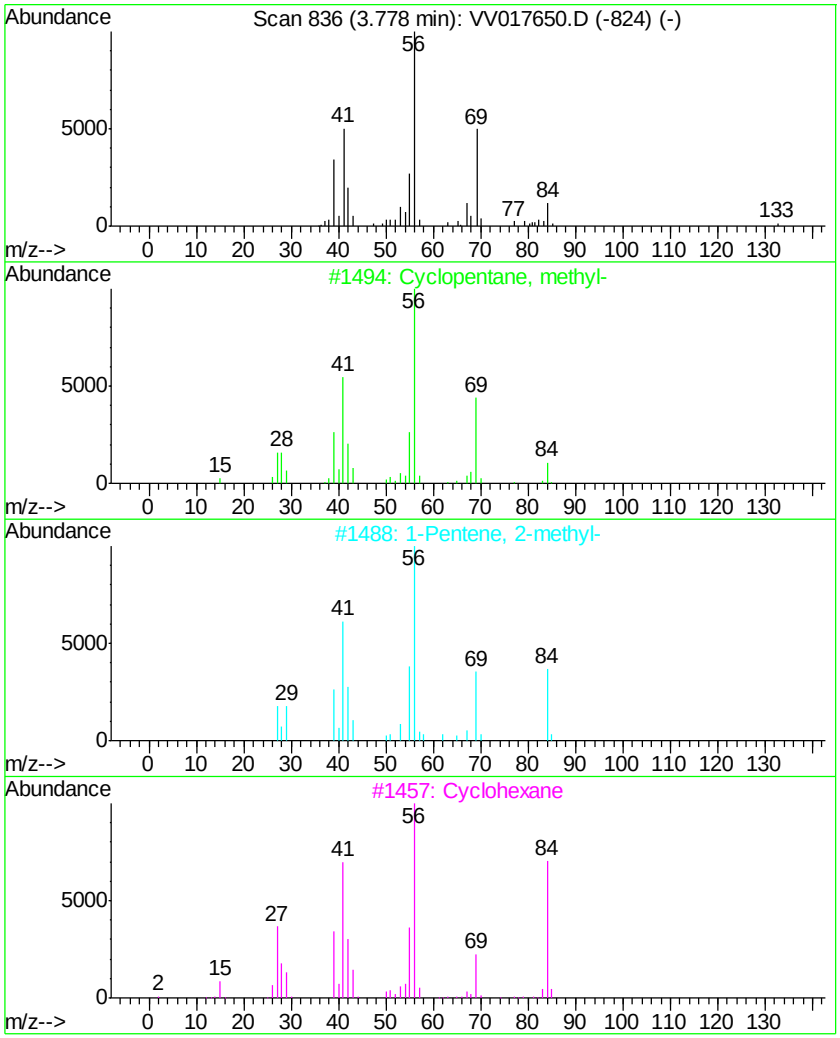
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

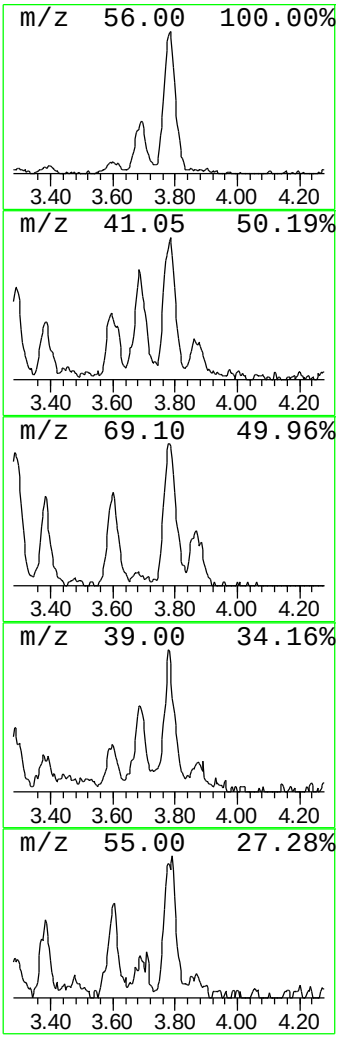
****

Peak Number 13 (DEL) Alkane: Cyclic3.78 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	5.14 ug/L	85380	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

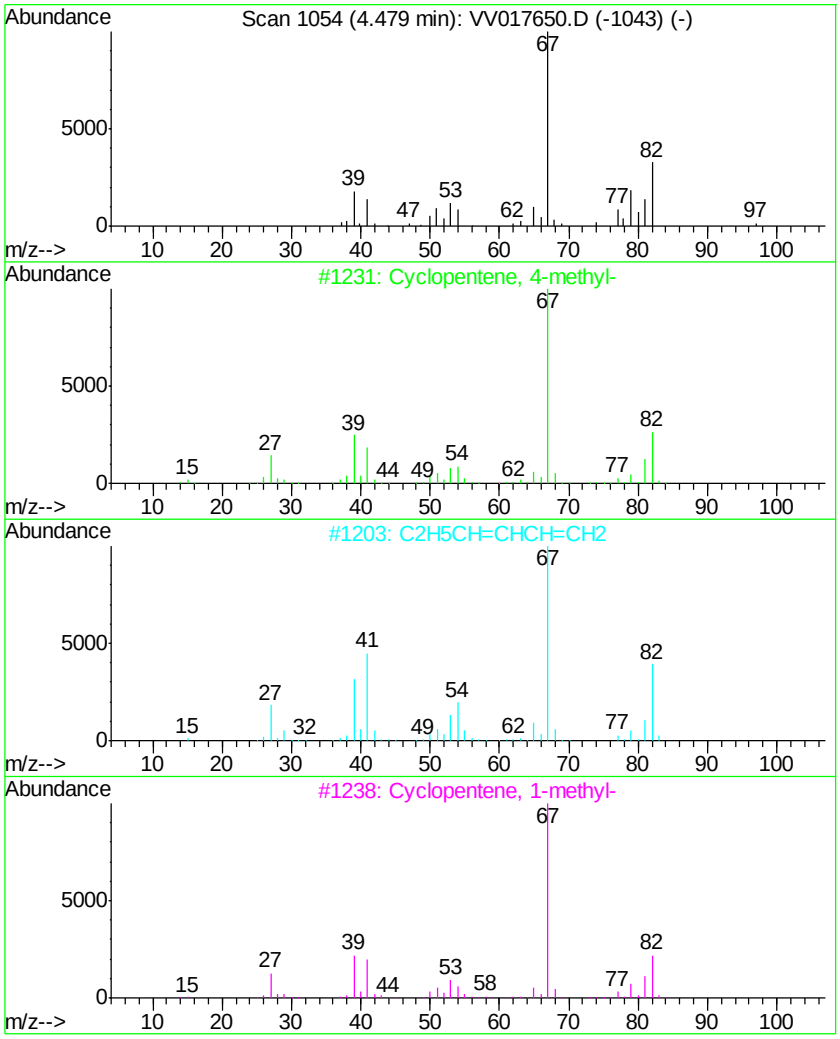
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

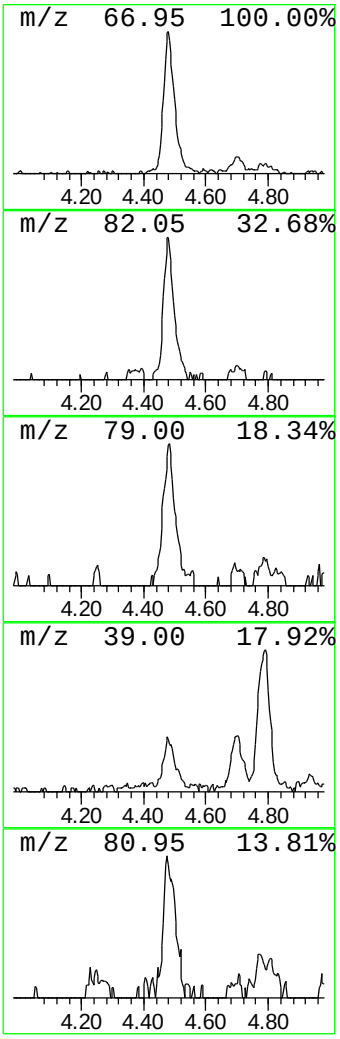
****

Peak Number 14 Cyclopentene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	3.08 ug/L	51172	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86
2	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	86
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
4	1,4-Hexadiene	82	C6H10	000592-45-0	86
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

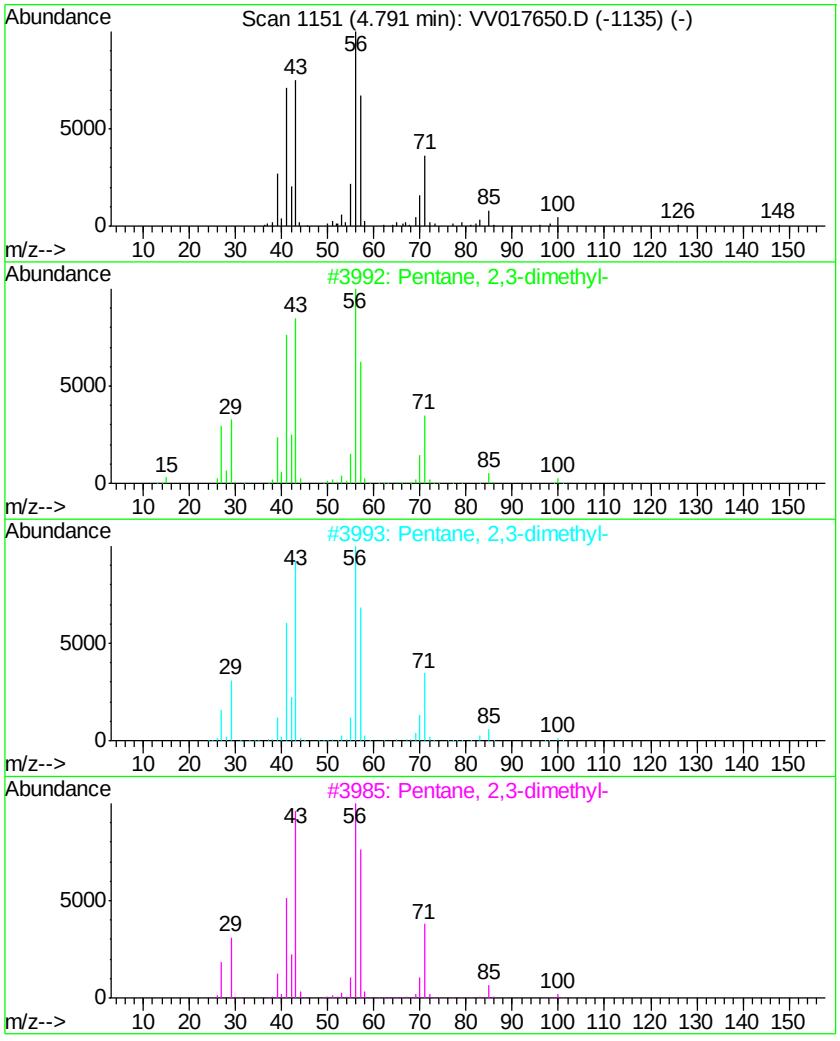
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

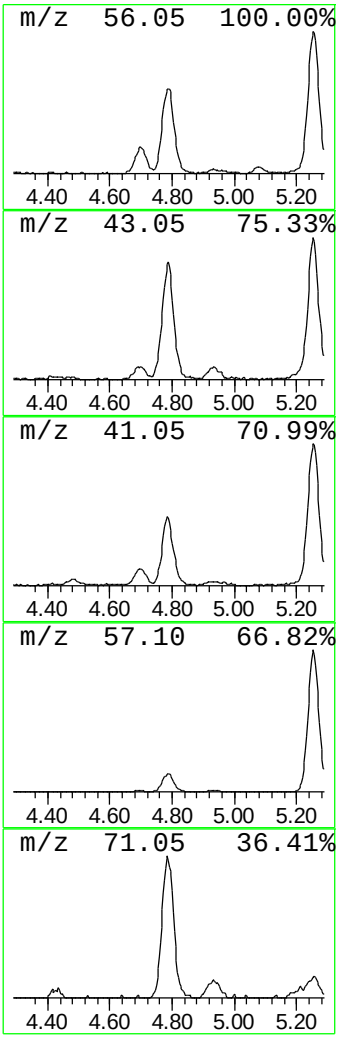
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	12.86 ug/L	213619	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	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

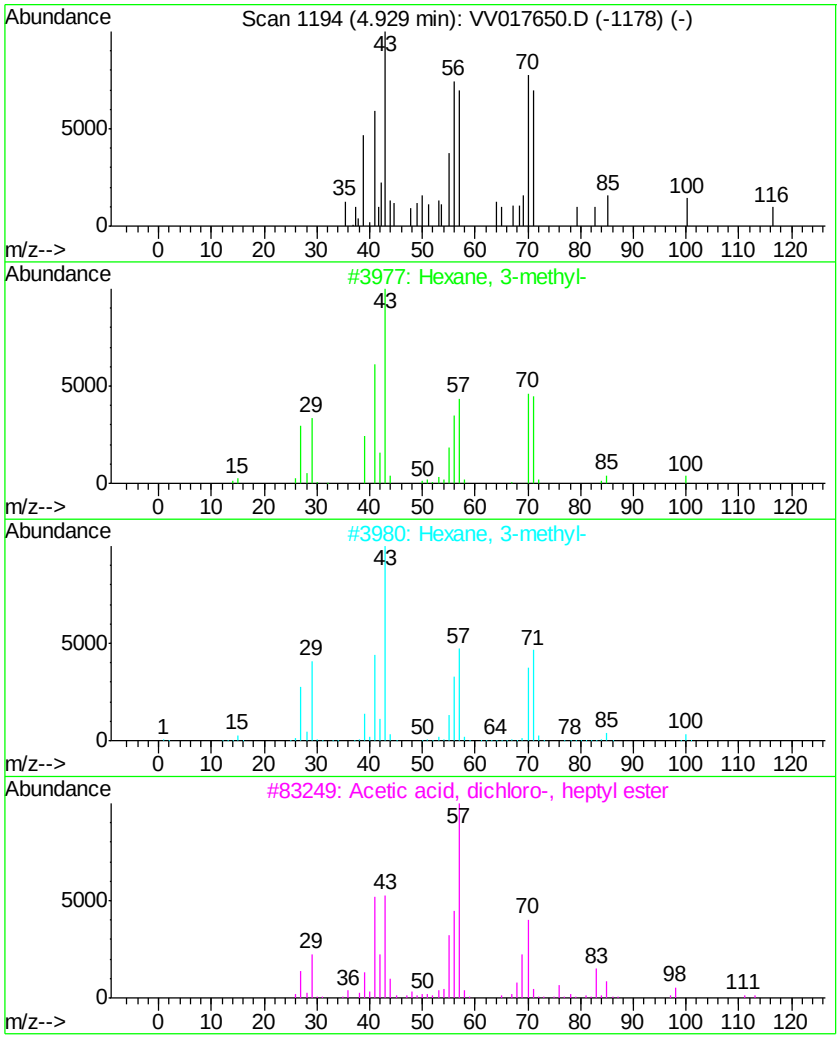
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

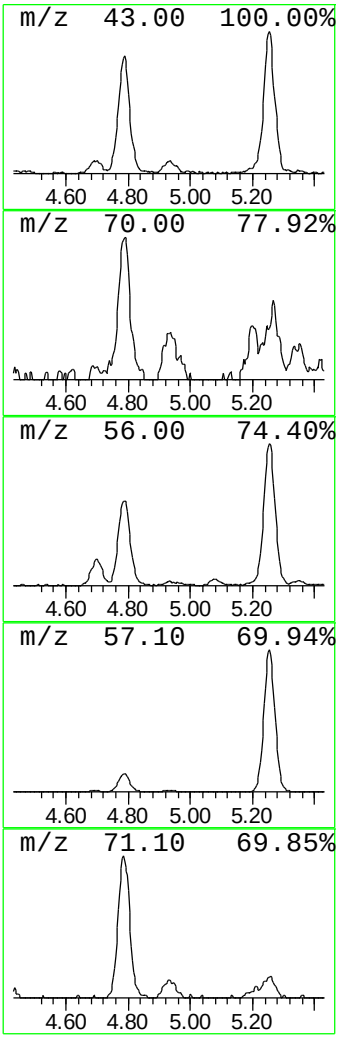
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	0.82 ug/L	13677	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
3	Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	38
4	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	38
5	1-Heptanol	116	C7H16O	000111-70-6	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

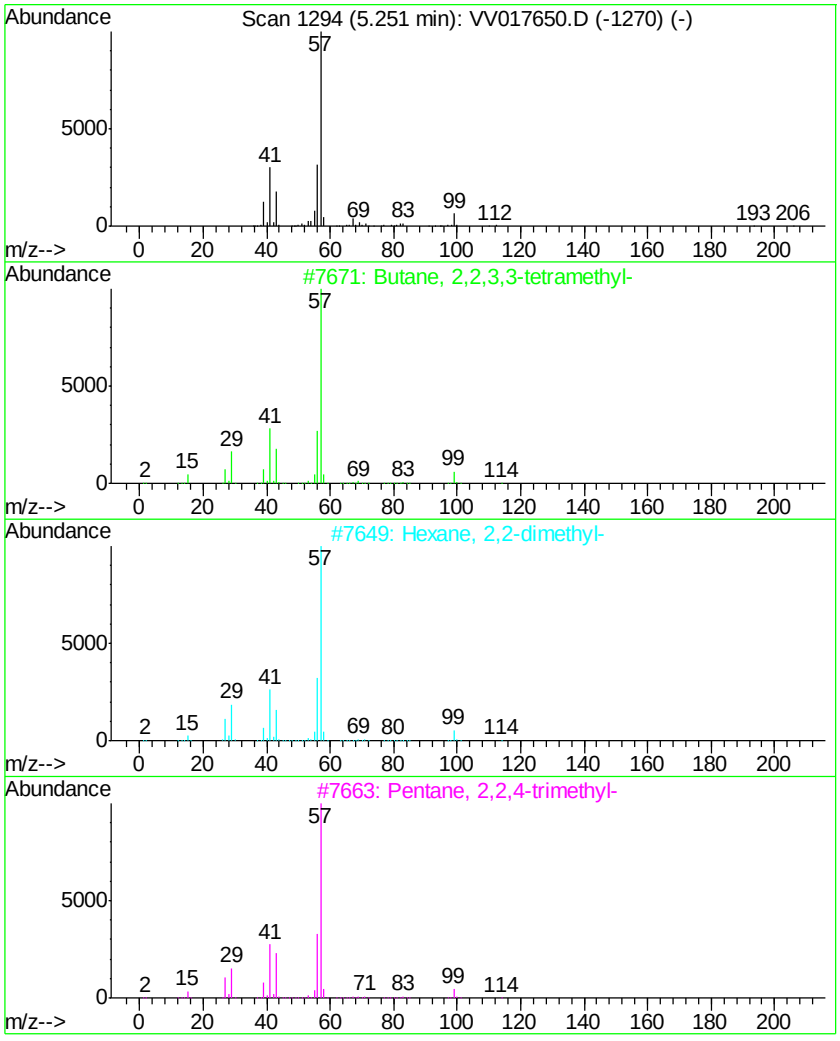
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

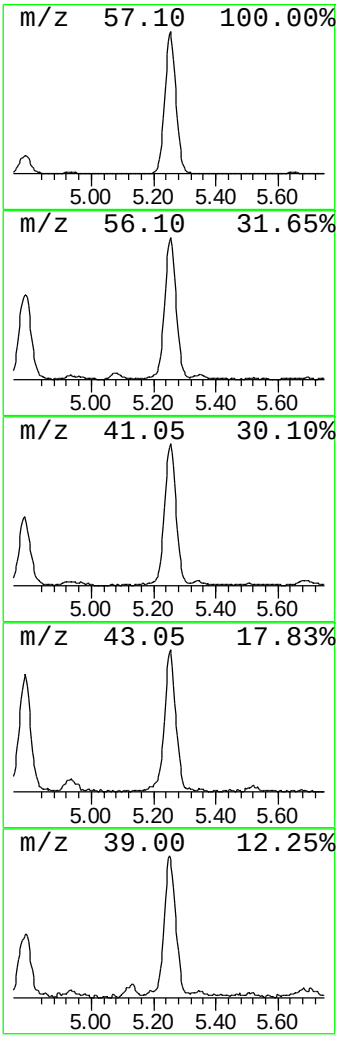
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	30.19 ug/L	501465	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

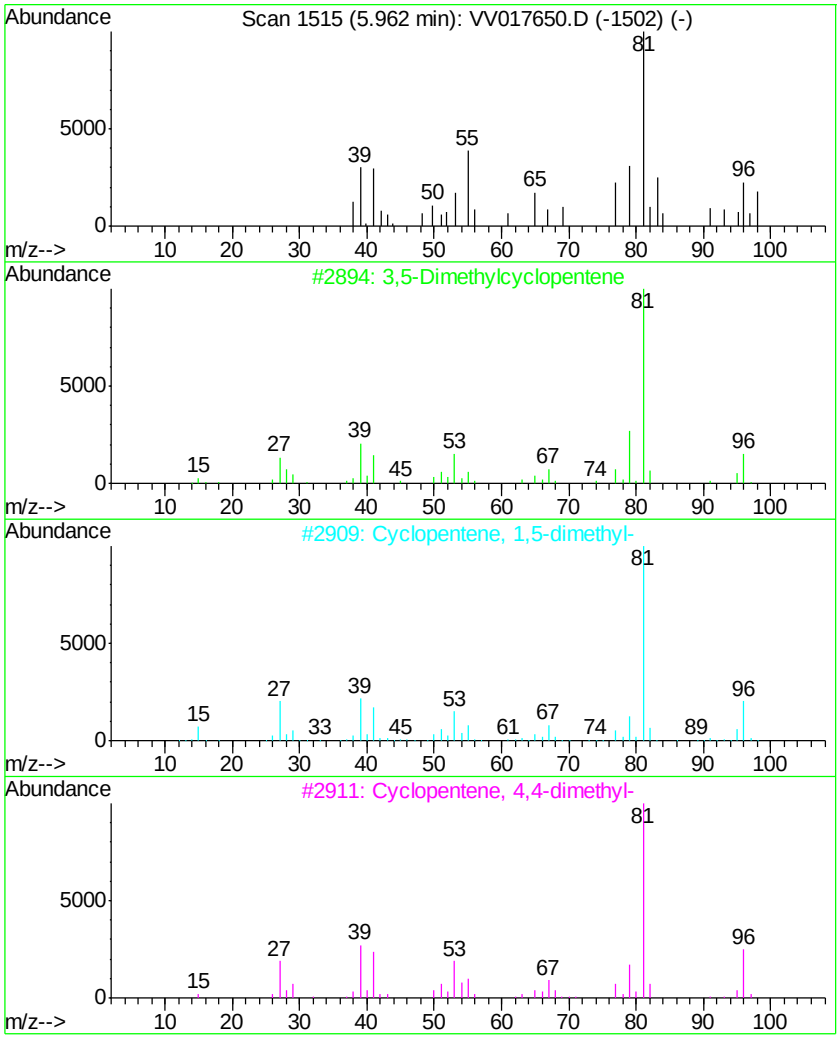
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

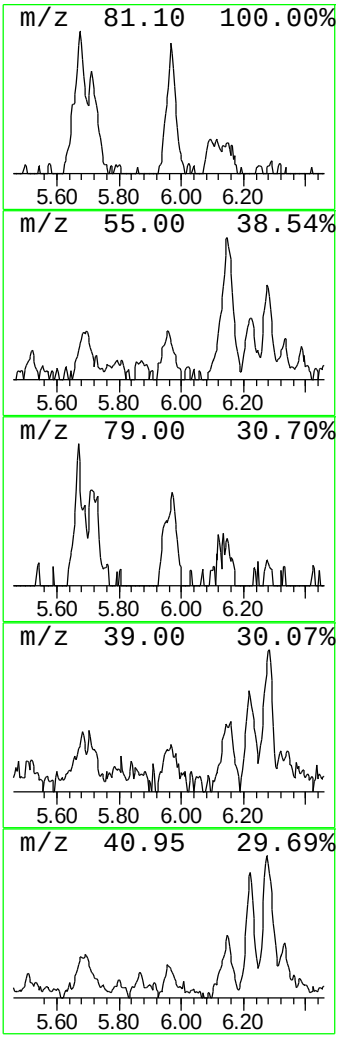
****

Peak Number 18 3,5-Dimethylcyclopentene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	1.04 ug/L	17338	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	64
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	59
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	59
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	59
5	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

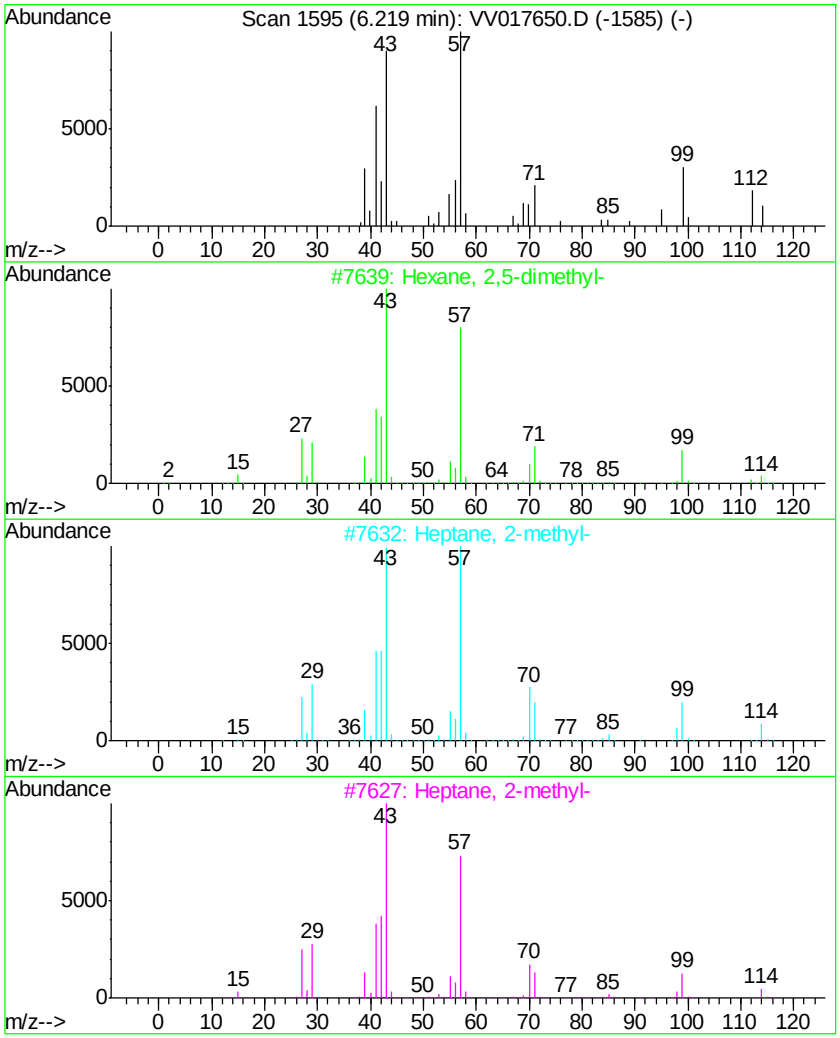
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

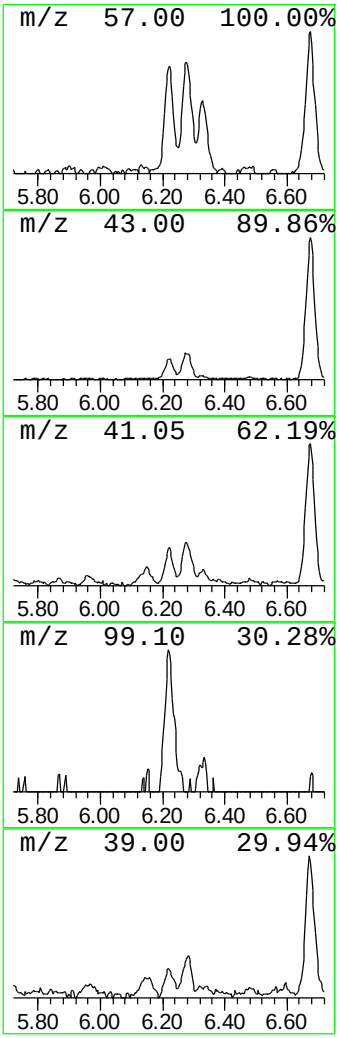
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	2.05 ug/L	34048	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	47
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	47
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

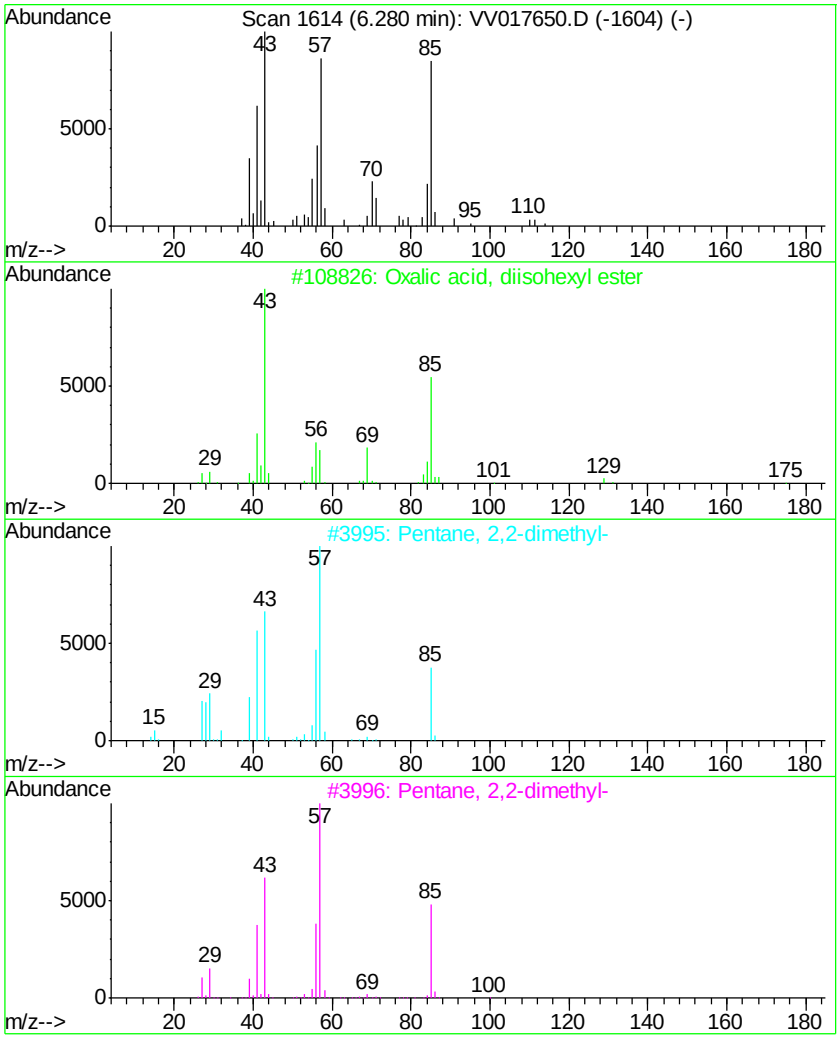
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

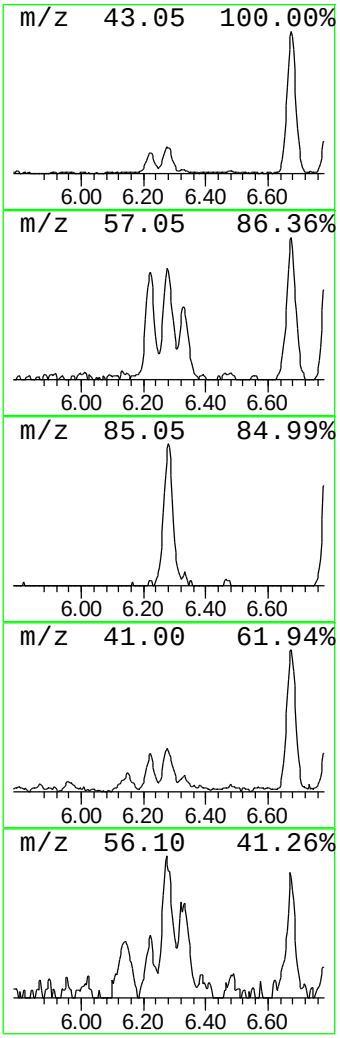
****

Peak Number 20 Oxalic acid, diisohexyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	3.20 ug/L	53162	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	59
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

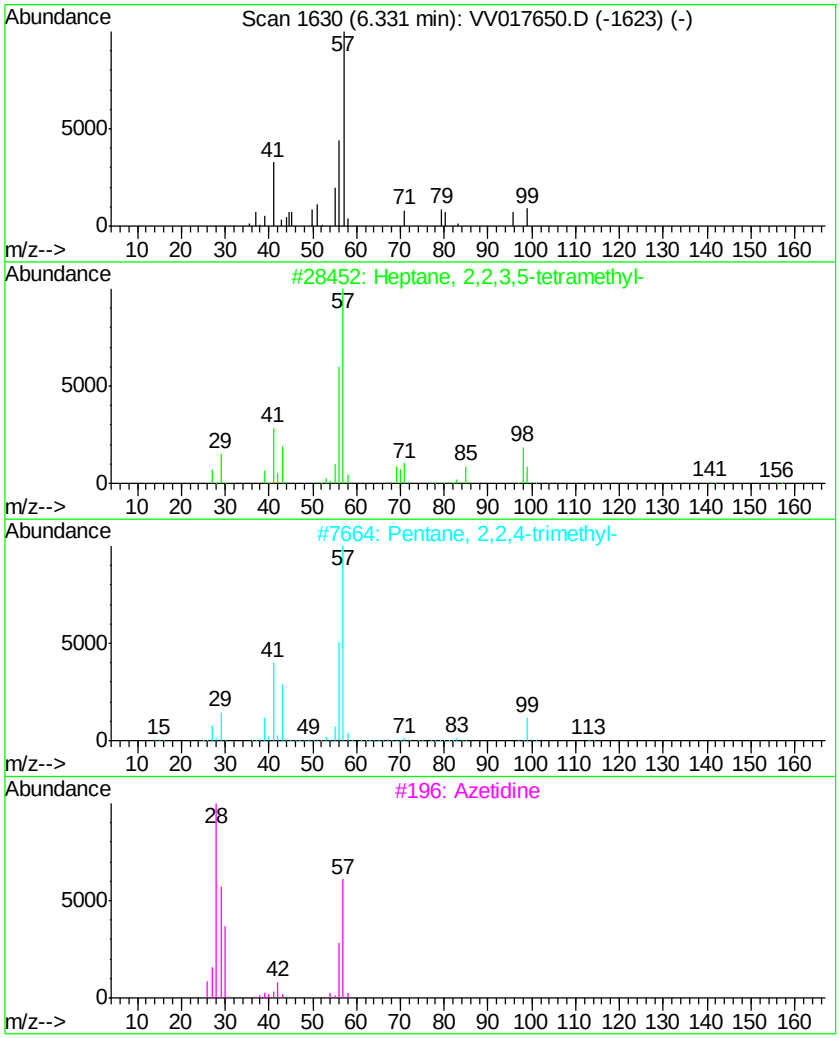
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

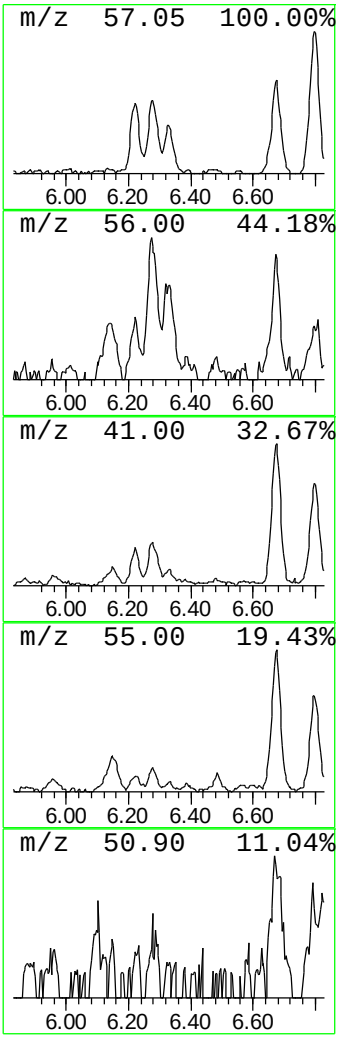
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	0.77 ug/L	12860	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	28
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	28
3	Azetidine	57	C3H7N	000503-29-7	9
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	9
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

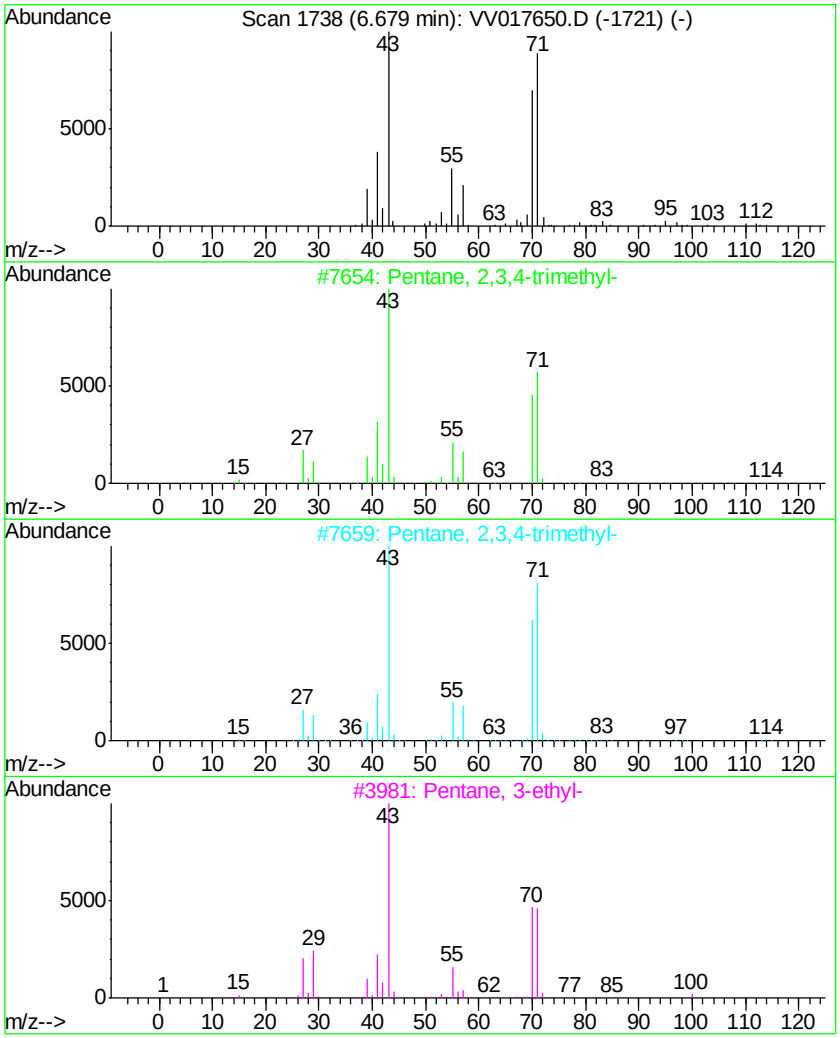
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

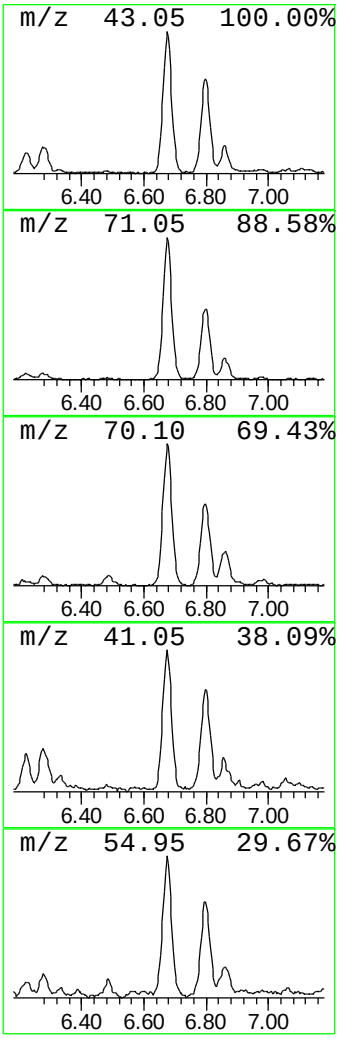
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	13.02 ug/L	216161	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	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
5	Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

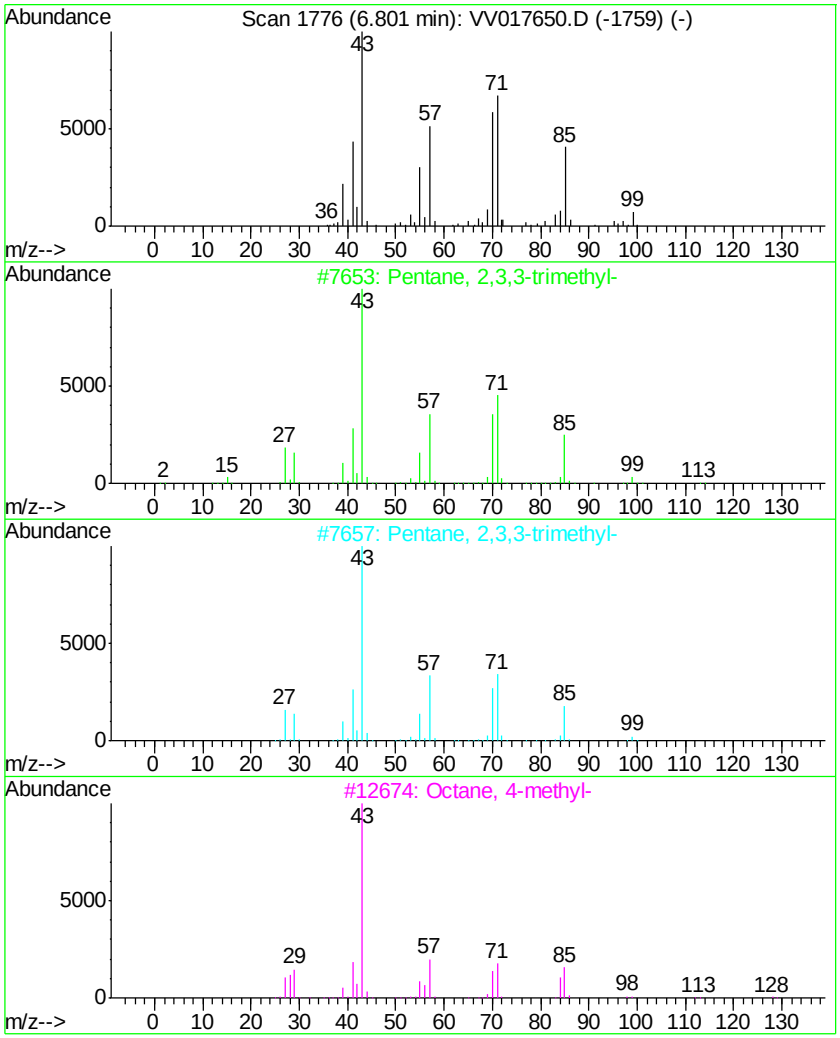
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

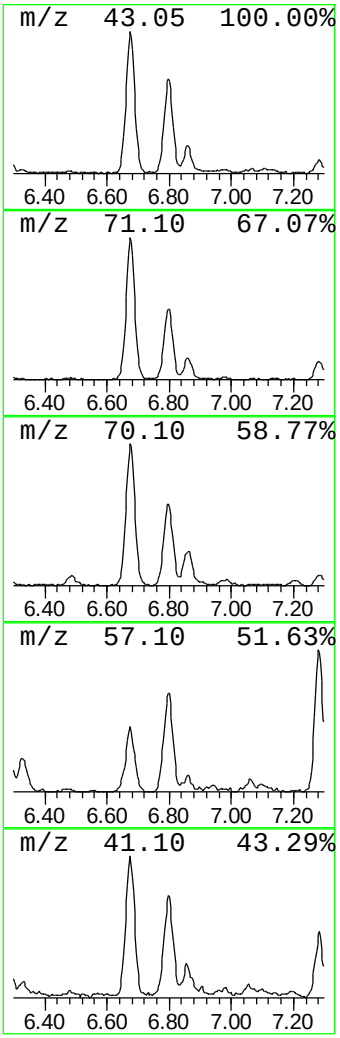
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	11.21 ug/L	186175	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	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

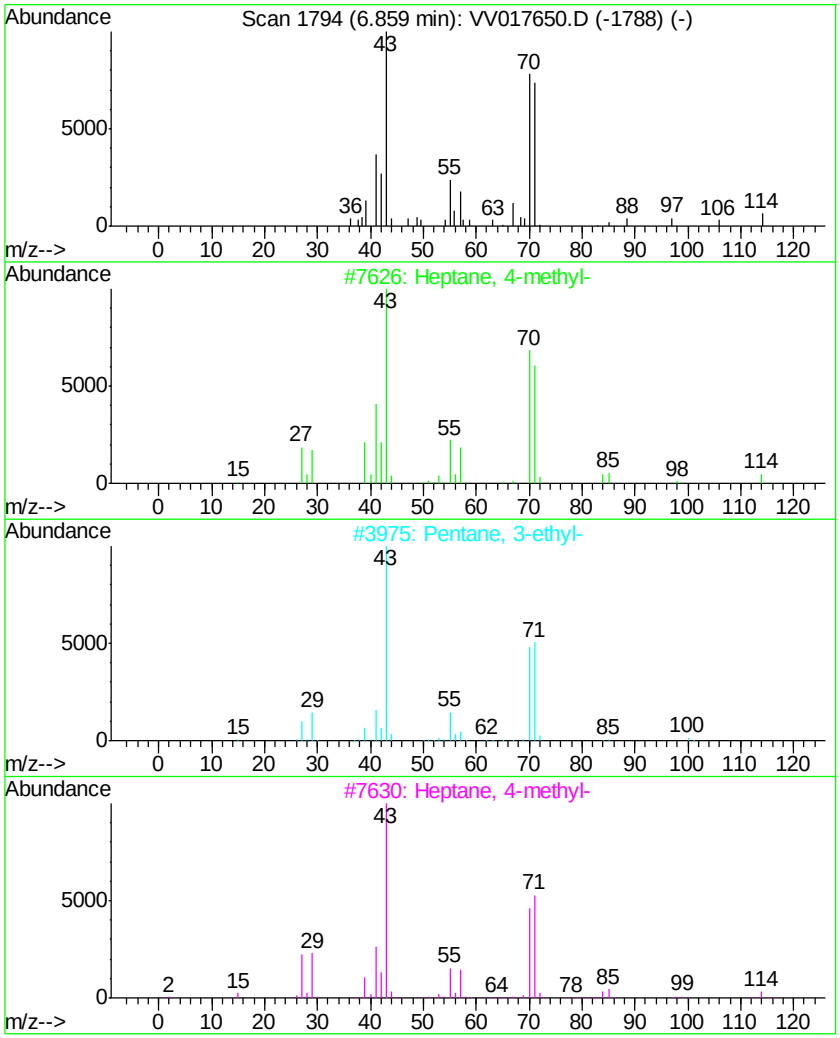
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

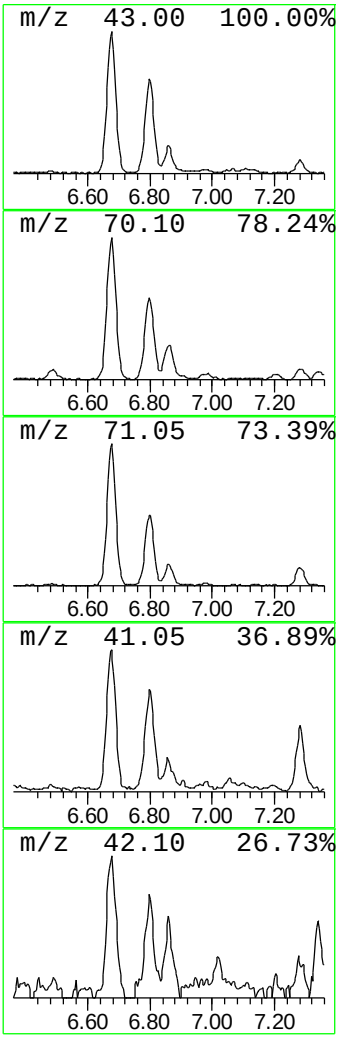
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.56 ug/L	42588	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Pyrrolidine	71	C4H9N	000123-75-1	56
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

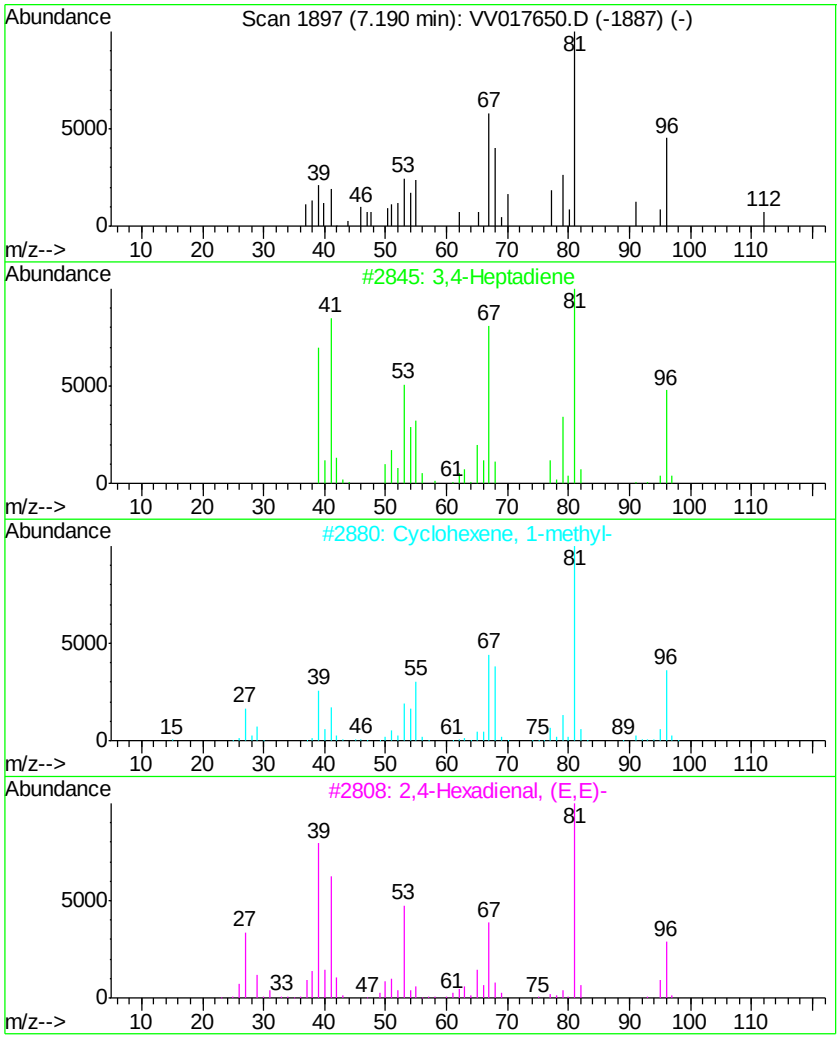
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

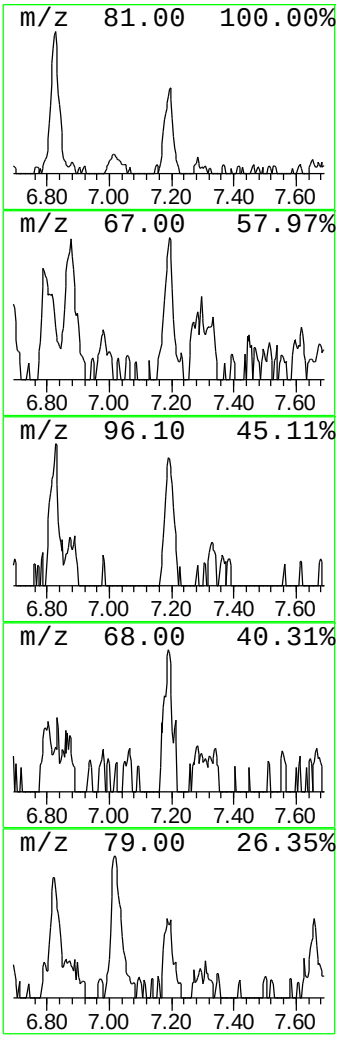
****

Peak Number 25 3,4-Heptadiene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	1.32 ug/L	21887	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Heptadiene	96	C7H12	002454-31-1	81
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	70
3	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	68
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	62
5	2-Heptyne	96	C7H12	001119-65-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

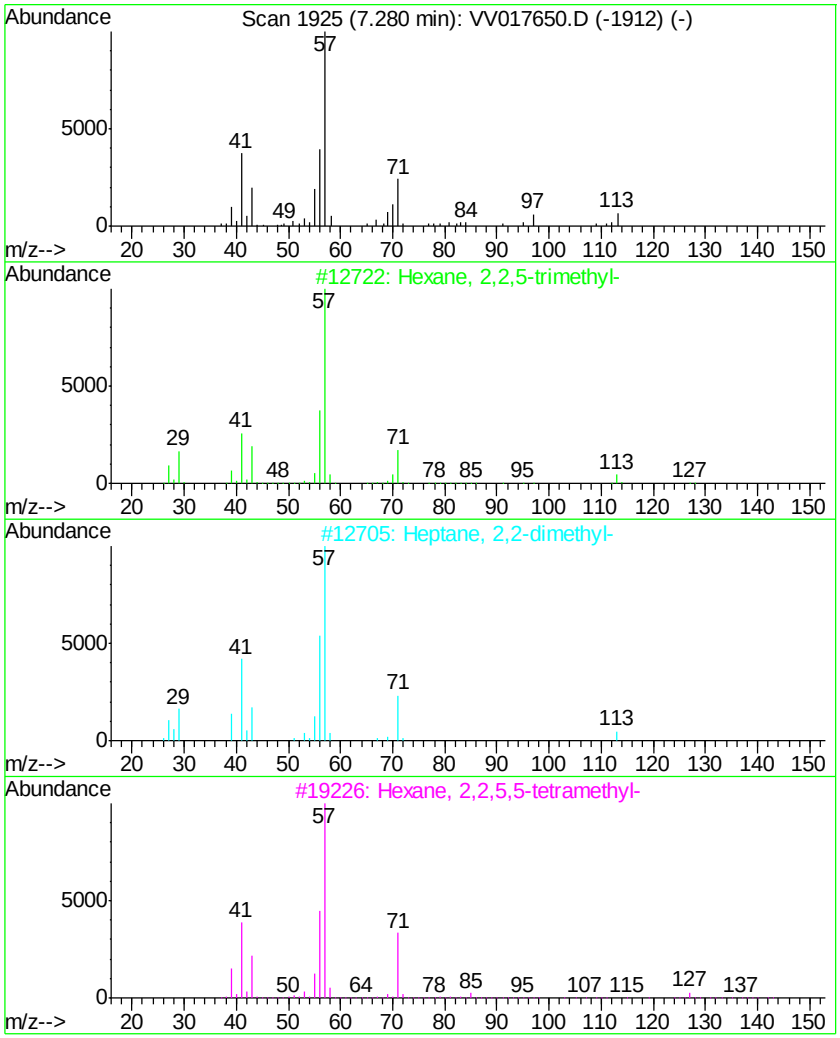
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

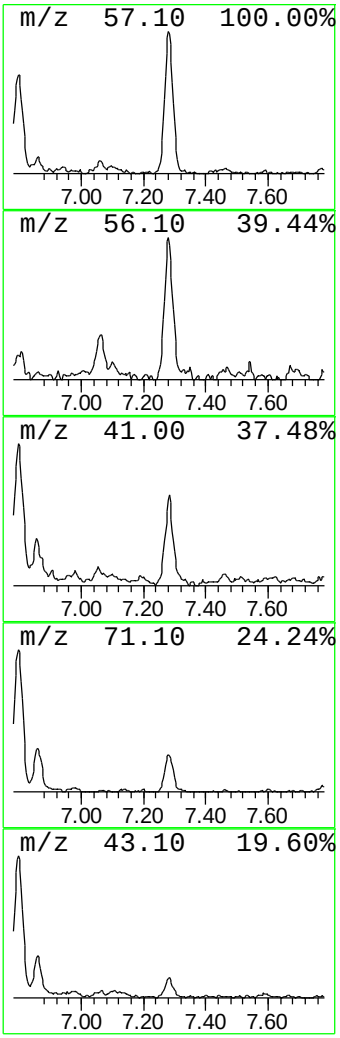
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	8.60 ug/L	74791	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

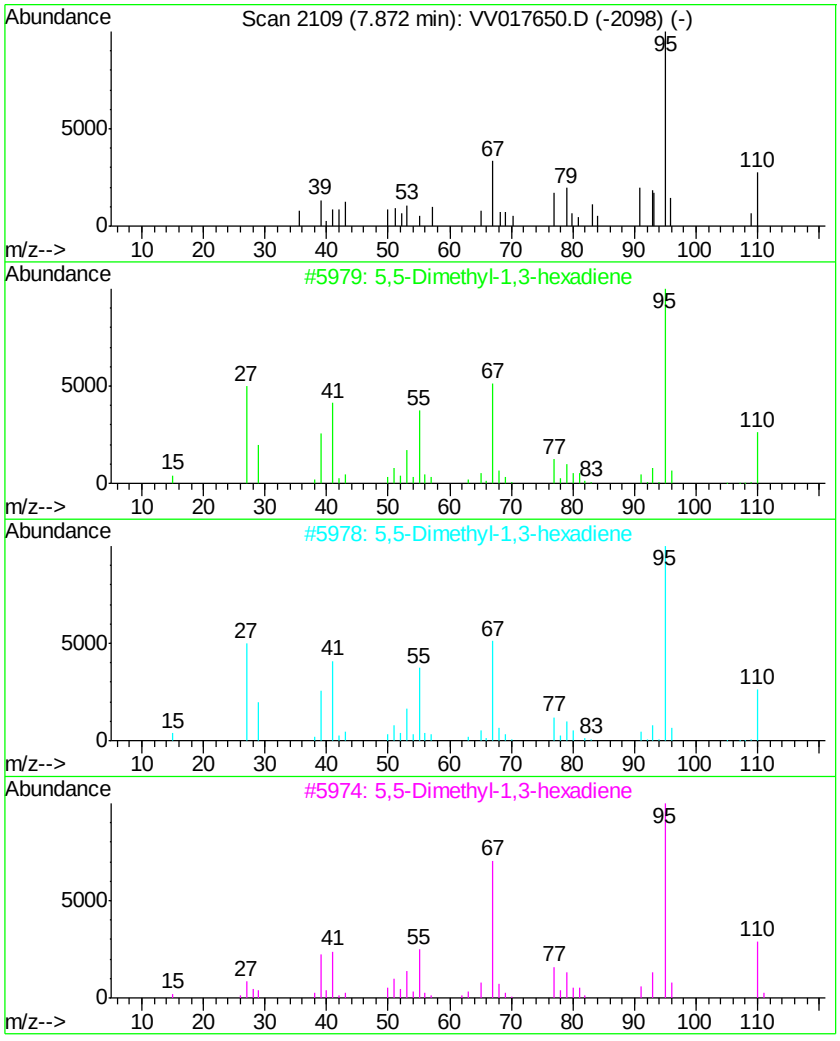
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

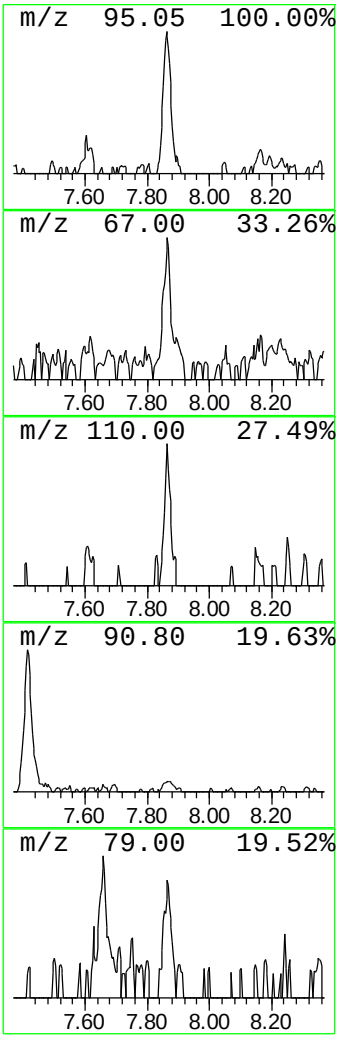
****

Peak Number 27 5,5-Dimethyl-1,3-hexadiene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	1.79 ug/L	15580	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	59
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	59
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53
4	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	50
5	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

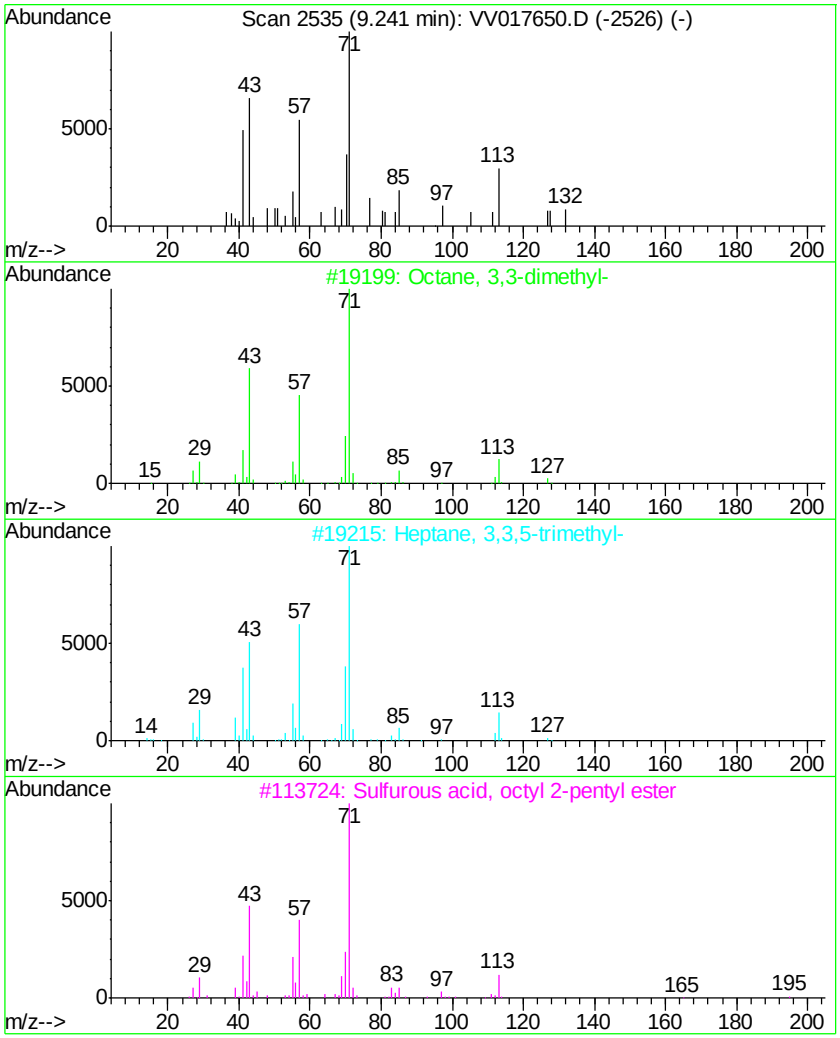
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

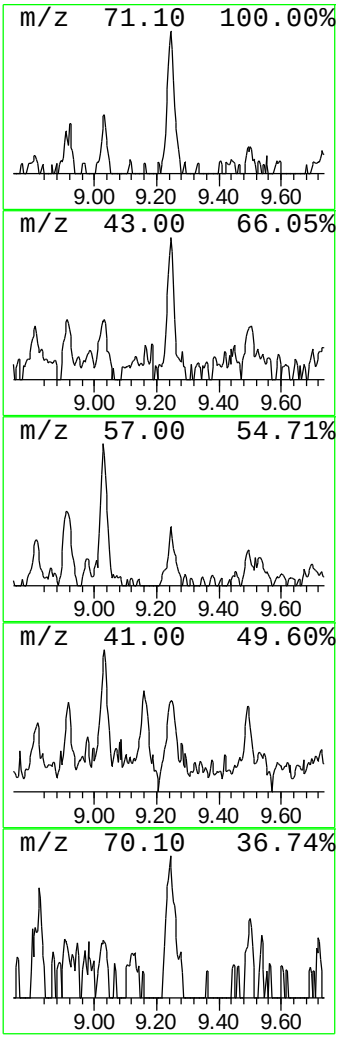
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.18 ug/L	18928	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
3	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	45
4	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	42
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

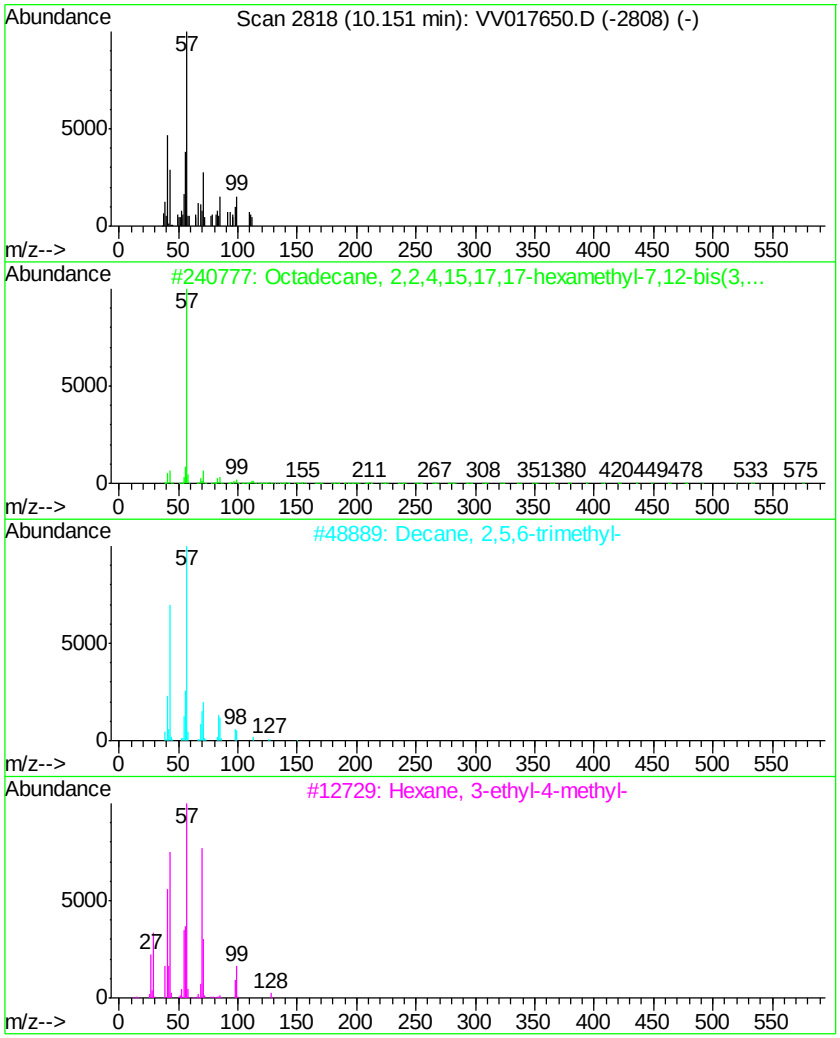
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

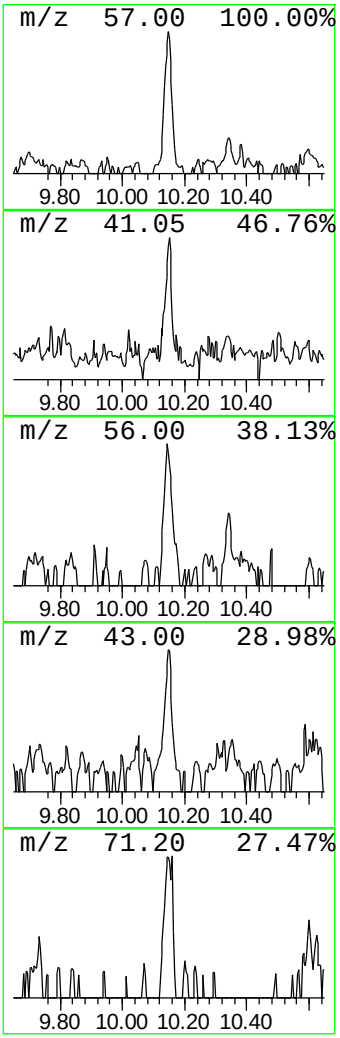
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.83 ug/L	19234	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	50
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	40
3	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	37
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

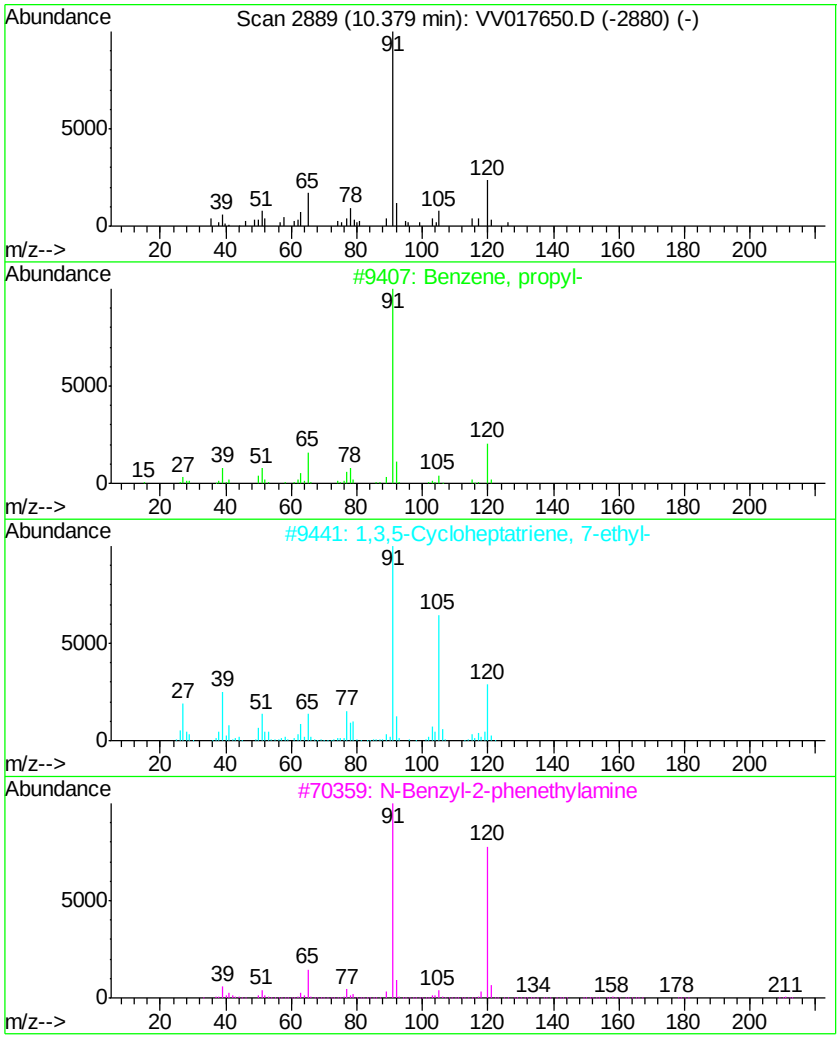
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

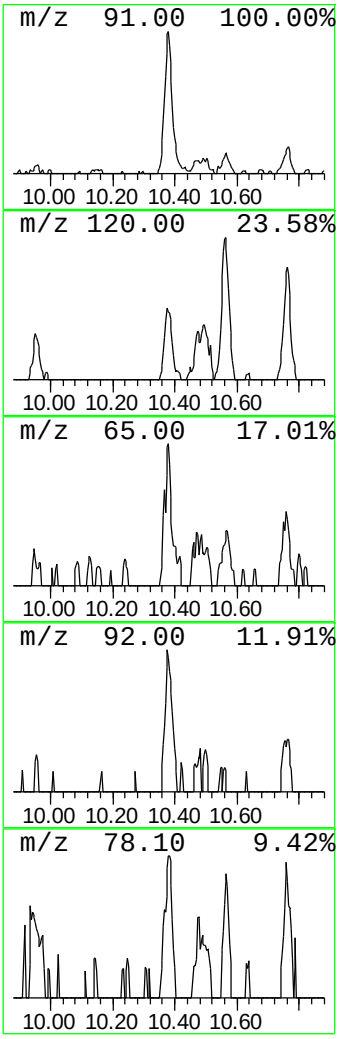
****

Peak Number 30 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.86 ug/L	19431	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

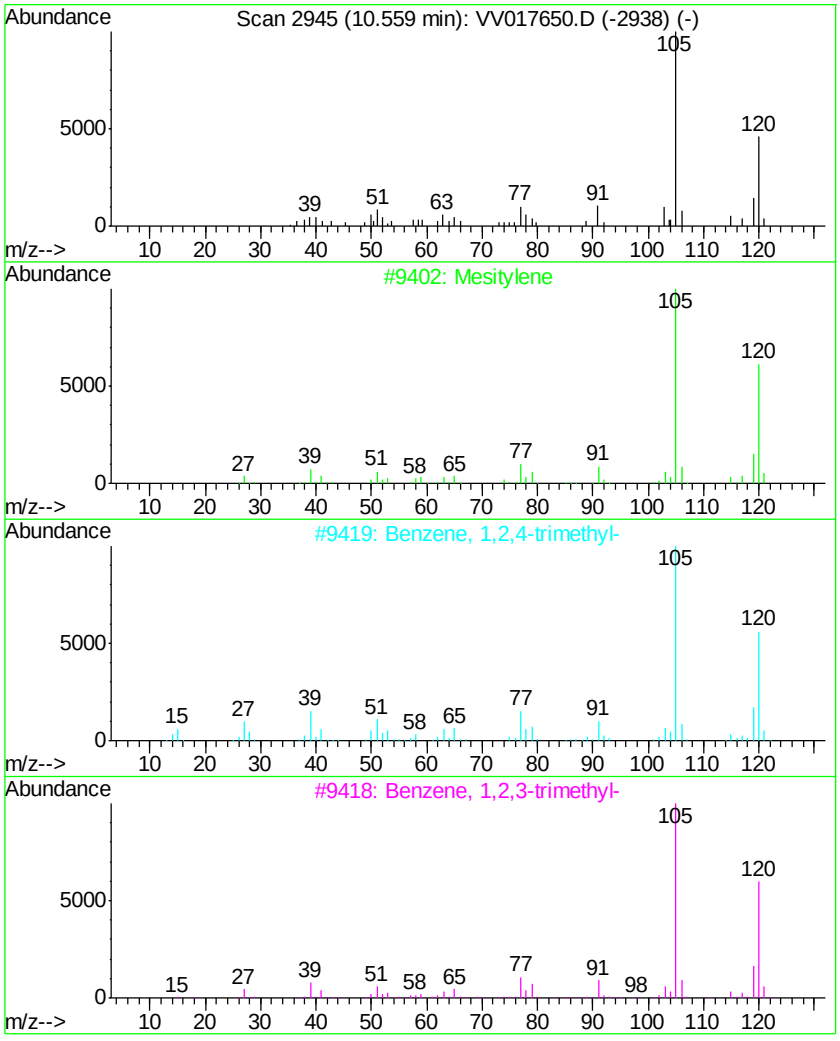
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

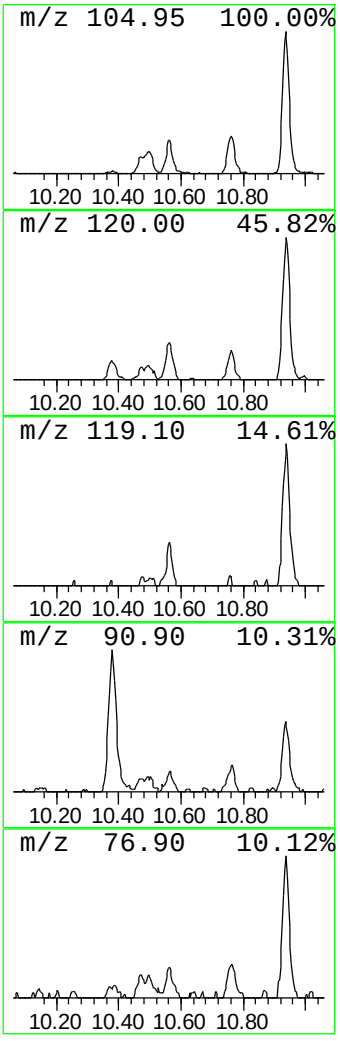
****

Peak Number 31 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.05 ug/L	27509	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

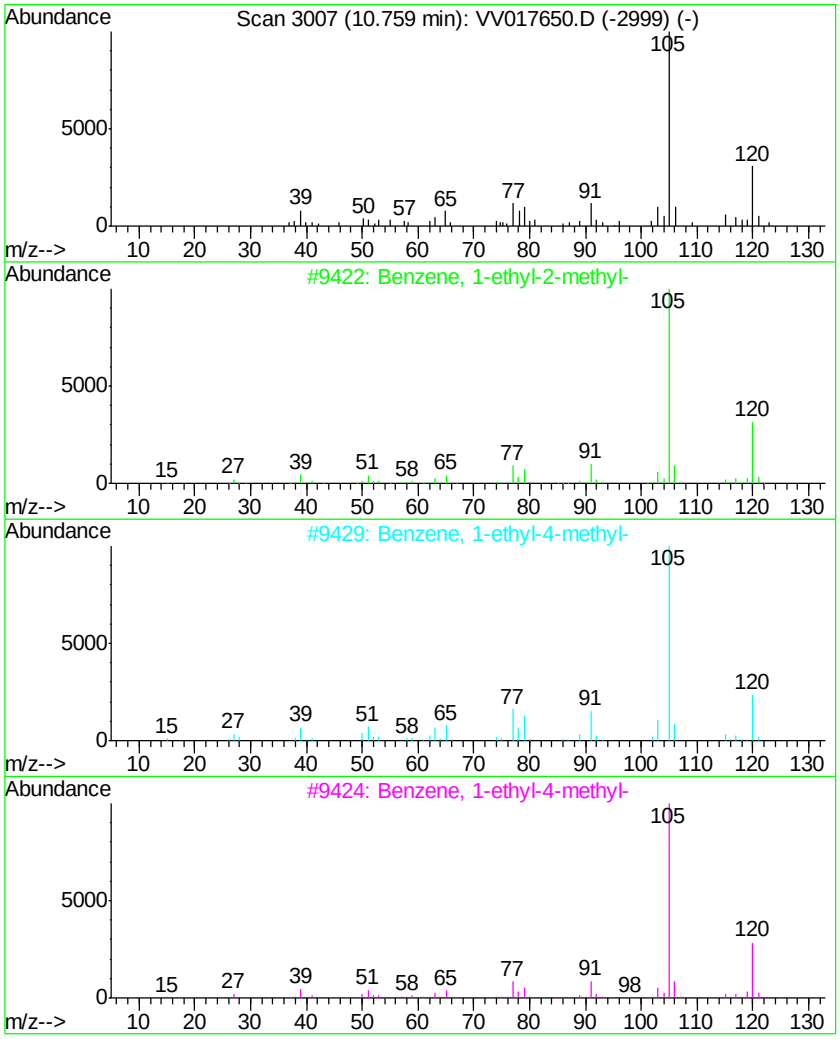
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

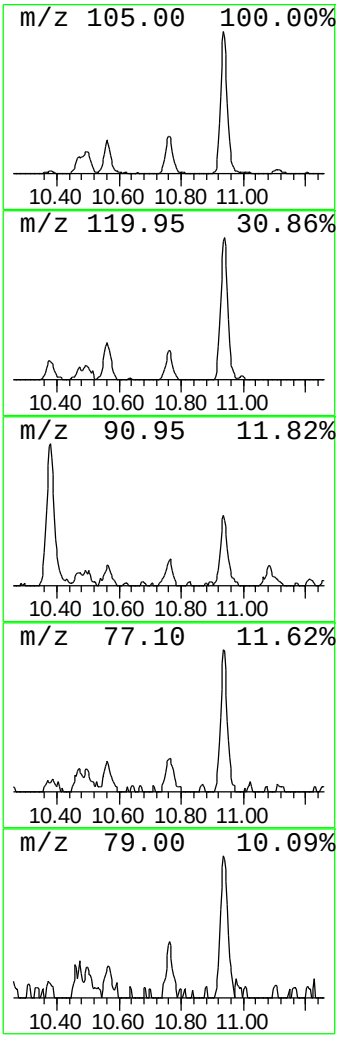
****

Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	5.01 ug/L	34013	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	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

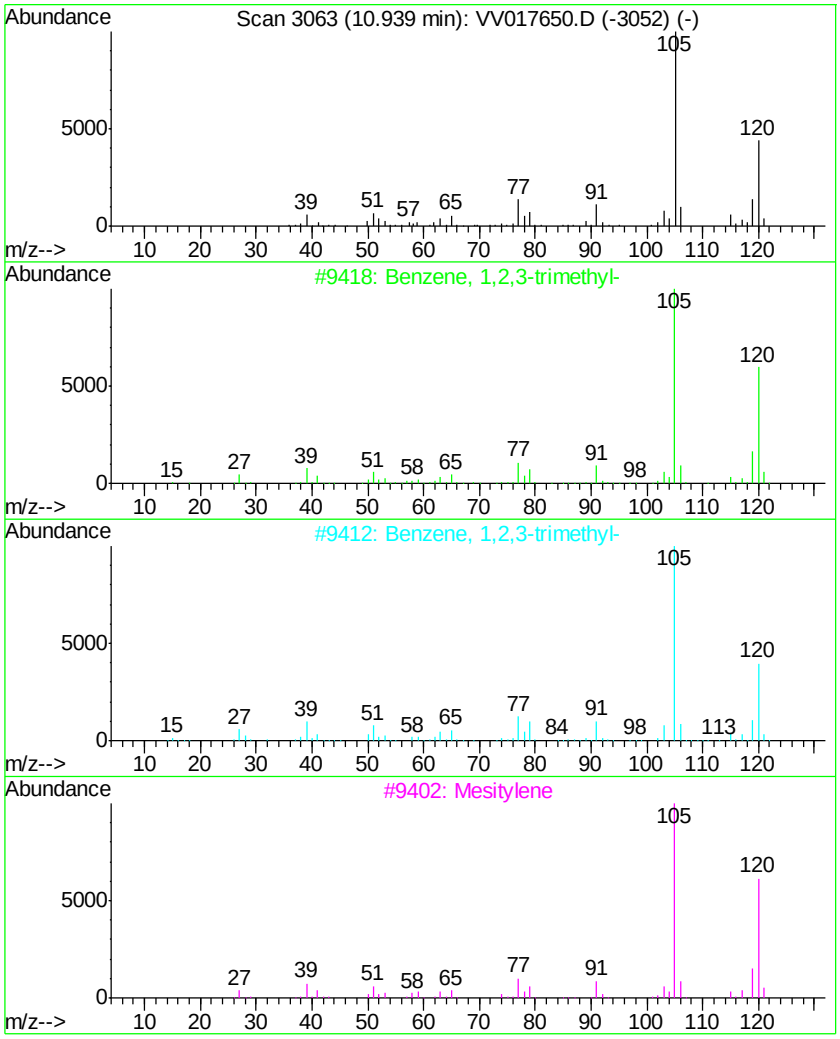
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

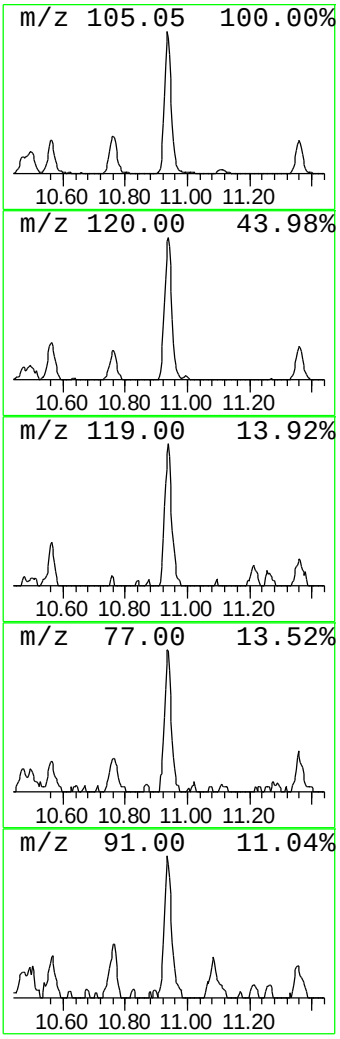
****

Peak Number 33 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	17.26 ug/L	117271	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

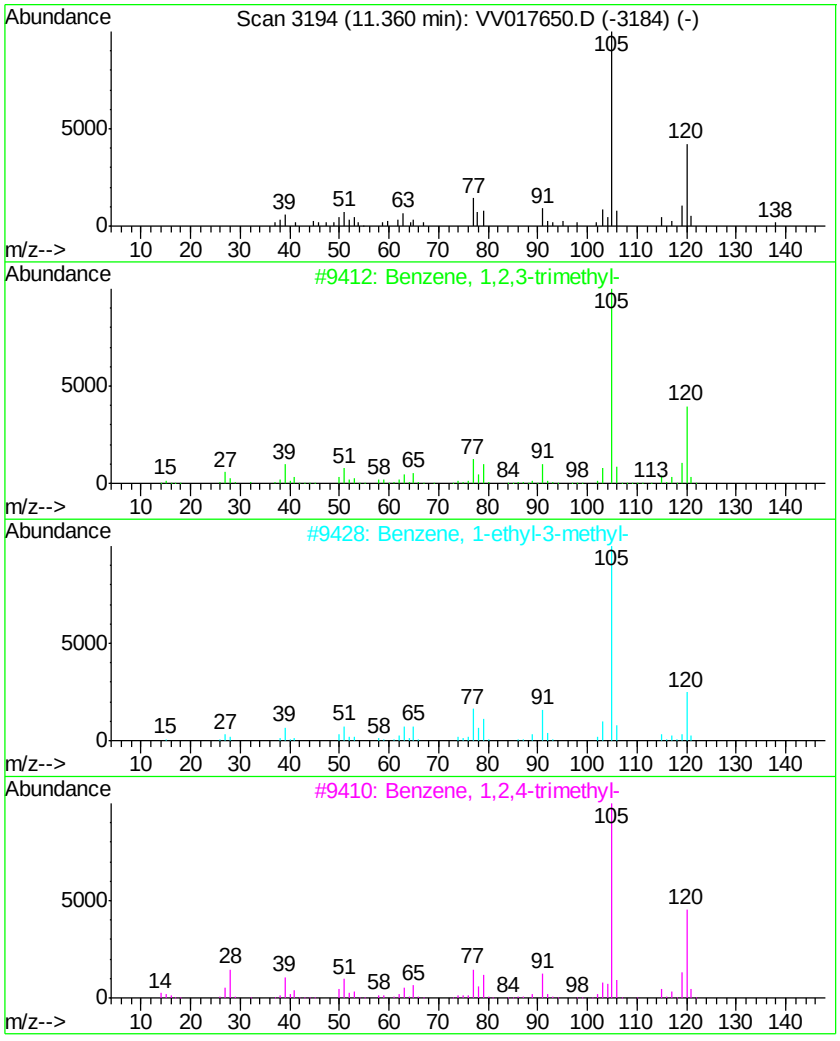
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

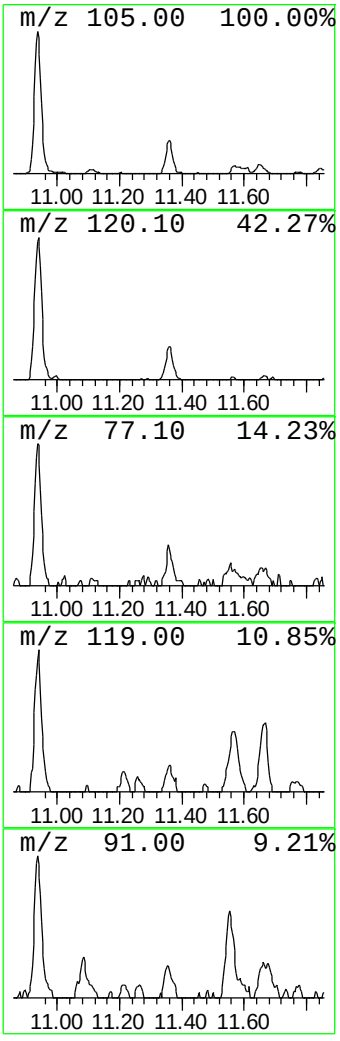
****

Peak Number 34 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	4.12 ug/L	28021	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

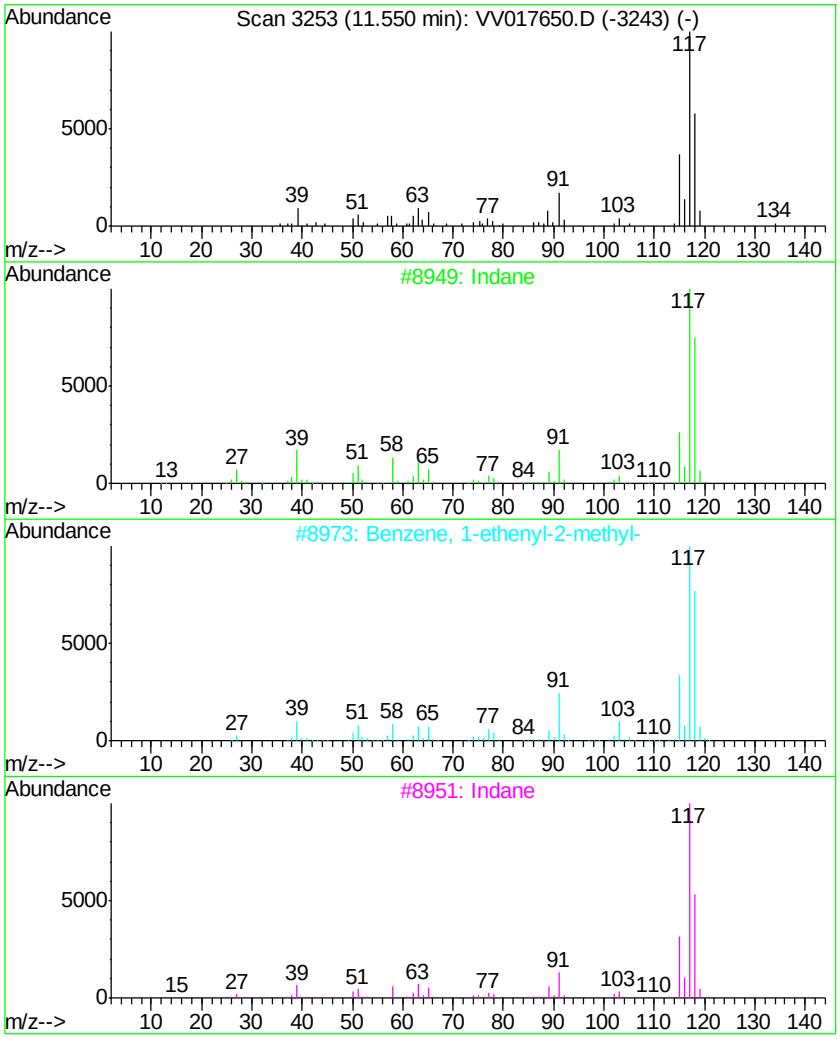
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

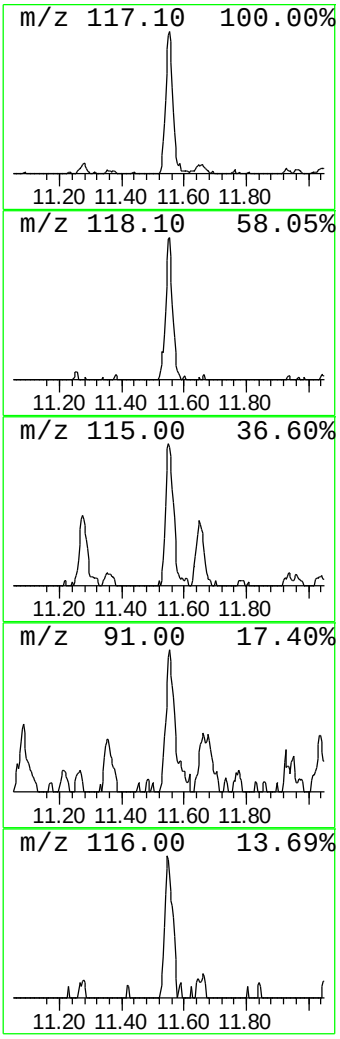
****

Peak Number 35 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	9.78 ug/L	66445	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

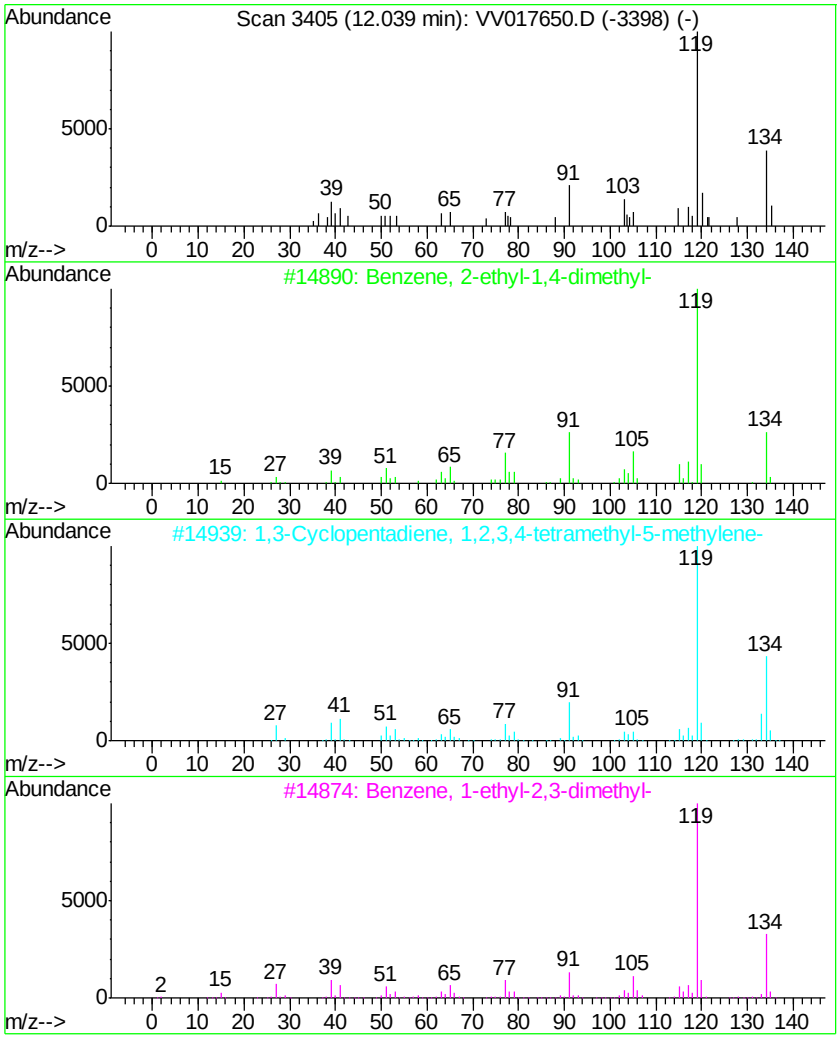
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

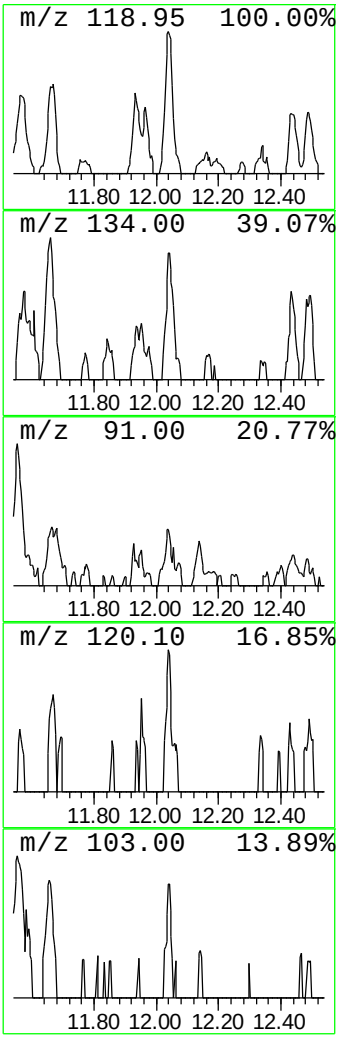
****

Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.11 ug/L	14316	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	83
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

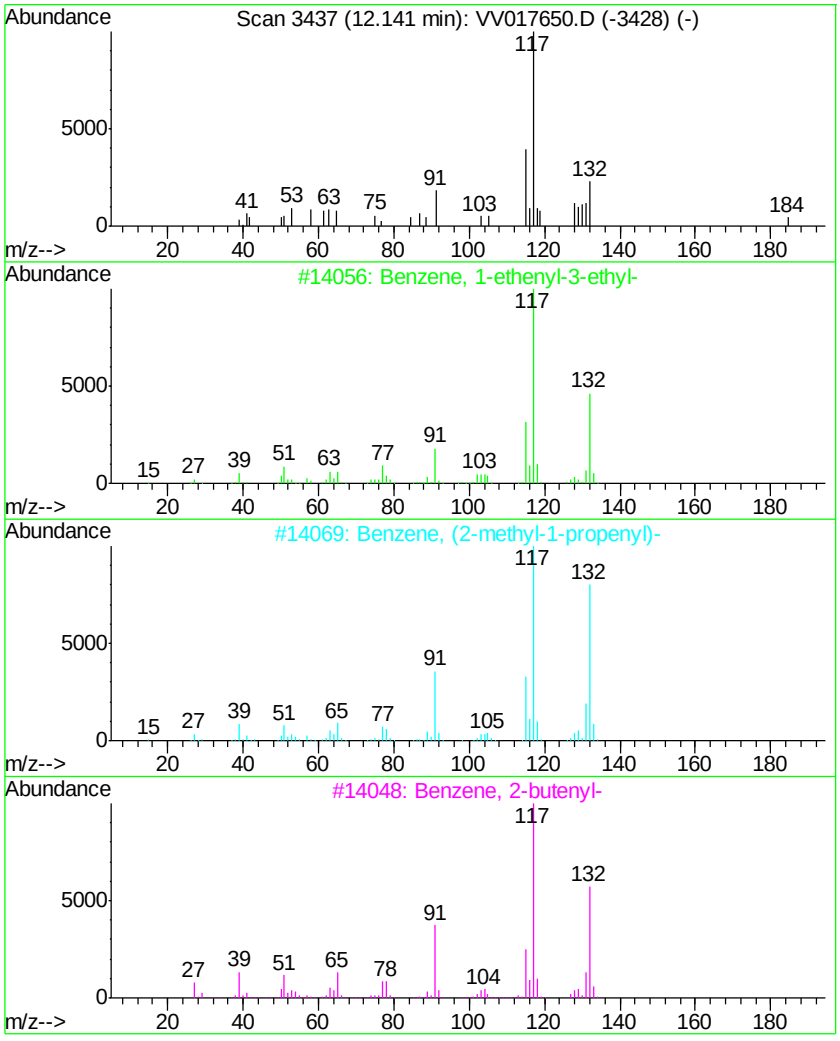
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

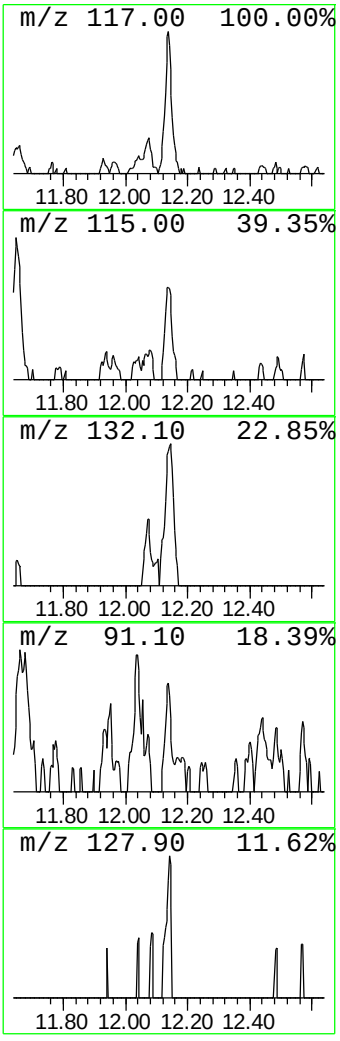
****

Peak Number 37 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.10 ug/L	14238	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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	72
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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

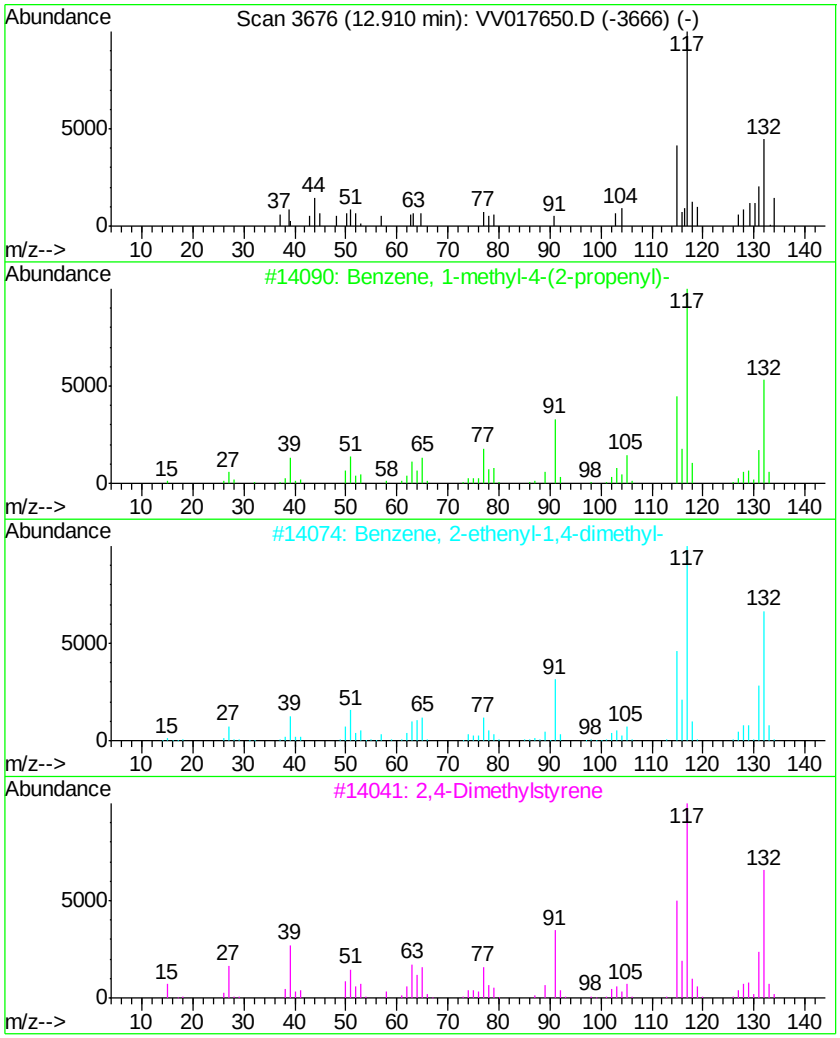
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

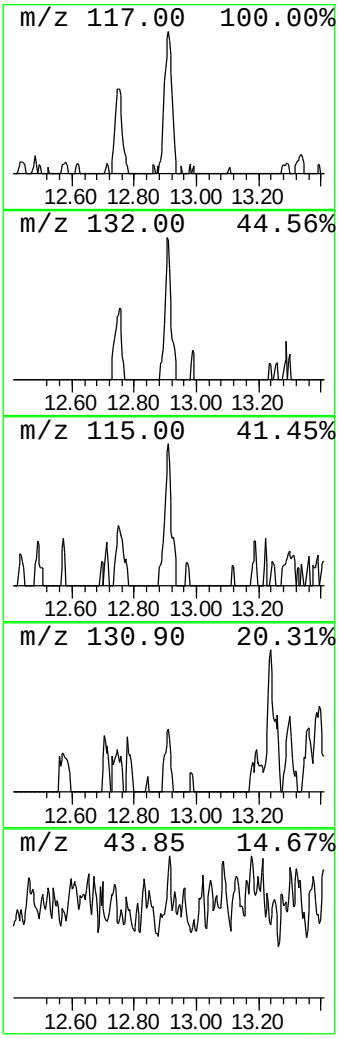
****

Peak Number 38 Benzene, 1-methyl-4-(2-prop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.05 ug/L	13946	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	72
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072420\
Data File : VV017650.D
Acq On : 24 Jul 2020 15:39
Operator : SY/MD
Sample : L3395-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAY24

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...	1.63	13.7	ug/L	227054	1	5.64	83038	5.0
(DEL) Alkane: Cyc...	1.81	6.7	ug/L	111963	1	5.64	83038	5.0
(DEL) Alkane: Str...	1.90	1.4	ug/L	23944	1	5.64	83038	5.0
(DEL) Alkane: Str...	1.98	0.8	ug/L	14142	1	5.64	83038	5.0
(DEL) Alkane: Cyc...	2.03	7.4	ug/L	122851	1	5.64	83038	5.0
unknown-01	2.50	3.8	ug/L	62668	1	5.64	83038	5.0
(DEL) Alkane: Cyc...	2.59	7.5	ug/L	123884	1	5.64	83038	5.0
1-Butanol, 2-methyl-	2.78	1.8	ug/L	29208	1	5.64	83038	5.0
Furan, 2,3-dihydr...	3.29	2.2	ug/L	36708	1	5.64	83038	5.0
(DEL) Alkane: Str...	3.38	1.5	ug/L	25568	1	5.64	83038	5.0
(DEL) Alkane: Str...	3.60	1.8	ug/L	29996	1	5.64	83038	5.0
(DEL) Alkane: Str...	3.69	3.9	ug/L	63983	1	5.64	83038	5.0
(DEL) Alkane: Cyc...	3.78	5.1	ug/L	85380	1	5.64	83038	5.0
Cyclopentene, 4-m...	4.48	3.1	ug/L	51172	1	5.64	83038	5.0
(DEL) Alkane: Str...	4.79	12.9	ug/L	213619	1	5.64	83038	5.0
(DEL) Alkane: Str...	4.93	0.8	ug/L	13677	1	5.64	83038	5.0
(DEL) Alkane: Str...	5.25	30.2	ug/L	501465	1	5.64	83038	5.0
3,5-Dimethylcyclo...	5.96	1.0	ug/L	17338	1	5.64	83038	5.0
(DEL) Alkane: Str...	6.22	2.0	ug/L	34048	1	5.64	83038	5.0
Oxalic acid, diis...	6.28	3.2	ug/L	53162	1	5.64	83038	5.0
(DEL) Alkane: Str...	6.33	0.8	ug/L	12860	1	5.64	83038	5.0
(DEL) Alkane: Str...	6.68	13.0	ug/L	216161	1	5.64	83038	5.0
(DEL) Alkane: Str...	6.80	11.2	ug/L	186175	1	5.64	83038	5.0
(DEL) Alkane: Str...	6.86	2.6	ug/L	42588	1	5.64	83038	5.0
3,4-Heptadiene	7.19	1.3	ug/L	21887	1	5.64	83038	5.0
(DEL) Alkane: Str...	7.28	8.6	ug/L	74791	2	8.88	43478	5.0
5,5-Dimethyl-1,3-...	7.87	1.8	ug/L	15580	2	8.88	43478	5.0
(DEL) Alkane: Str...	9.24	2.2	ug/L	18928	2	8.88	43478	5.0
(DEL) Alkane: Str...	10.15	2.8	ug/L	19234	3	11.28	33977	5.0
Benzene, propyl-	10.38	2.9	ug/L	19431	3	11.28	33977	5.0
Mesitylene	10.56	4.0	ug/L	27509	3	11.28	33977	5.0
Benzene, 1-ethyl-...	10.76	5.0	ug/L	34013	3	11.28	33977	5.0
Benzene, 1,2,3-tr...	10.94	17.3	ug/L	117271	3	11.28	33977	5.0
Benzene, 1,2,4-tr...	11.36	4.1	ug/L	28021	3	11.28	33977	5.0
Indane	11.55	9.8	ug/L	66445	3	11.28	33977	5.0
Benzene, 2-ethyl-...	12.04	2.1	ug/L	14316	3	11.28	33977	5.0
Benzene, 1-etheny...	12.14	2.1	ug/L	14238	3	11.28	33977	5.0
Benzene, 1-methyl...	12.91	2.0	ug/L	13946	3	11.28	33977	5.0