LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

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_X\METHOD\SOMXTR100220WMA.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	1.386	45	49	57	rBV	59721	63568	1.79%	0.291%
2	1.697	95	100	110	rVB	50891	63526	1.78%	0.291%
3	2.337	196	205	217	rBV	118386	191343	5.38%	0.877%
4	2.818	276	284	286	rBV2	101893	199493	5.60%	0.914%
5	2.861	286	291	304	rVV	572428	1167832	32.81%	5.350%
6	2.989	304	312	321	rVB2	23648	59559	1.67%	0.273%
7	3.142	328	337	355	rVB	997132	2249358	63.20%	10.305%
8	3.495	383	395	411	rBV	1599377	3559369	100.00%	16.307%
9	3.715	425	431	437	rBV3	17196	38505	1.08%	0.176%
10	3.782	437	442	451	rVB2	23301	54047	1.52%	0.248%
11	3.891	453	460	467	rBV4	17595	42459	1.19%	0.195%
12	4.111	485	496	501	rBV	53008	154273	4.33%	0.707%
13	4.276	513	523	528	rBV2	40374	111370	3.13%	0.510%
14	4.367	528	538	552	rVB	1224660	3502652	98.41%	16.047%
15	4.568	562	571	583	rVB2	40660	155549	4.37%	0.713%
16	5.135	652	664	677	rBV2	77703	243929	6.85%	1.118%
17	5.544	722	731	744	rVB2	122101	377397	10.60%	1.729%
18	6.044	802	813	828	rBV3	182576	529608	14.88%	2.426%
19	6.830	929	942	955	rBV	139735	348672	9.80%	1.597%
20	7.366	1022	1030	1040	rBV	112087	246666	6.93%	1.130%
21	8.372	1189	1195	1203	rBV	74364	120248	3.38%	0.551%
22	8.695	1242	1248	1253	rBV	283392	425862	11.96%	1.951%
23	8.763	1253	1259	1273	rVB	759415	1162577	32.66%	5.326%
24	8.994	1292	1297	1309	rVB	53744	93025	2.61%	0.426%
25	9.433	1361	1369	1380	rBV	313205	552404	15.52%	2.531%
26	10.098	1471	1478	1487	rBV	297054	455298	12.79%	2.086%
27	10.238	1495	1501	1506	rBV	74987	103363	2.90%	0.474%
28	10.342	1511	1518	1524	rBV	266421	353618	9.93%	1.620%
29	10.683	1568	1574	1581	rBV	109073	142373	4.00%	0.652%
30	11.000	1620	1626	1632	rBV	34485	45889	1.29%	0.210%
31	11.232	1659	1664	1673	rVB	118064	159757	4.49%	0.732%
32	11.341	1676	1682	1689	rBV	111741	143205	4.02%	0.656%
33	11.421	1689	1695	1702	rVV	442215	757091	21.27%	3.469%
34	11.488	1702	1706	1717	rVB	216646	285719	8.03%	1.309%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

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_X\METHOD\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

35	11.610	1721	1726	1729	rBV	176433	212016	5.96%	0.971%
36	11.652	1729	1733	1739	rVB	195958	237445	6.67%	1.088%
37	11.793	1750	1756	1764	rVB	687417	833754	23.42%	3.820%
38	12.012	1784	1792	1795	rBV	40266	55942	1.57%	0.256%
39	12.061	1795	1800	1807	rVV2	338936	564484	15.86%	2.586%
40	12.128	1807	1811	1819	rVB	165650	205116	5.76%	0.940%
41	12.286	1831	1837	1844	rBV2	65654	113245	3.18%	0.519%
42	12.359	1844	1849	1857	rVB	391780	541696	15.22%	2.482%
43	12.652	1892	1897	1901	rBV	36515	43273	1.22%	0.198%
44	12.963	1940	1948	1951	rVV	25432	36296	1.02%	0.166%
45	13.000	1951	1954	1960	rVB	41612	50045	1.41%	0.229%
46	13.329	2004	2008	2013	rVB2	31589	45298	1.27%	0.208%
47	13.628	2051	2057	2066	rVB	408889	505475	14.20%	2.316%
48	13.817	2083	2088	2094	rVB	26779	37152	1.04%	0.170%
49	13.999	2107	2118	2124	rBV	139098	186261	5.23%	0.853%

Sum of corrected areas: 21827102

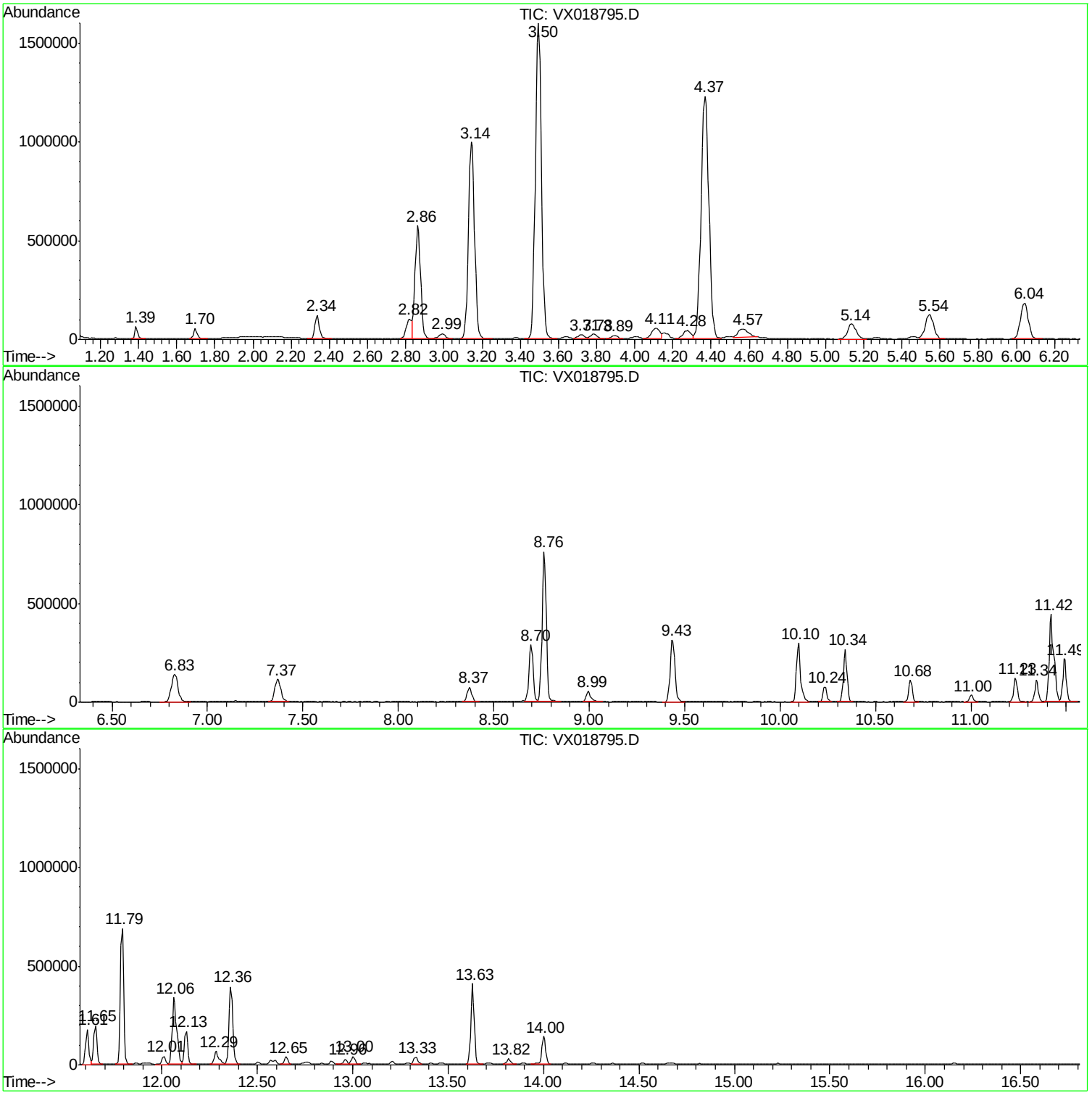
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

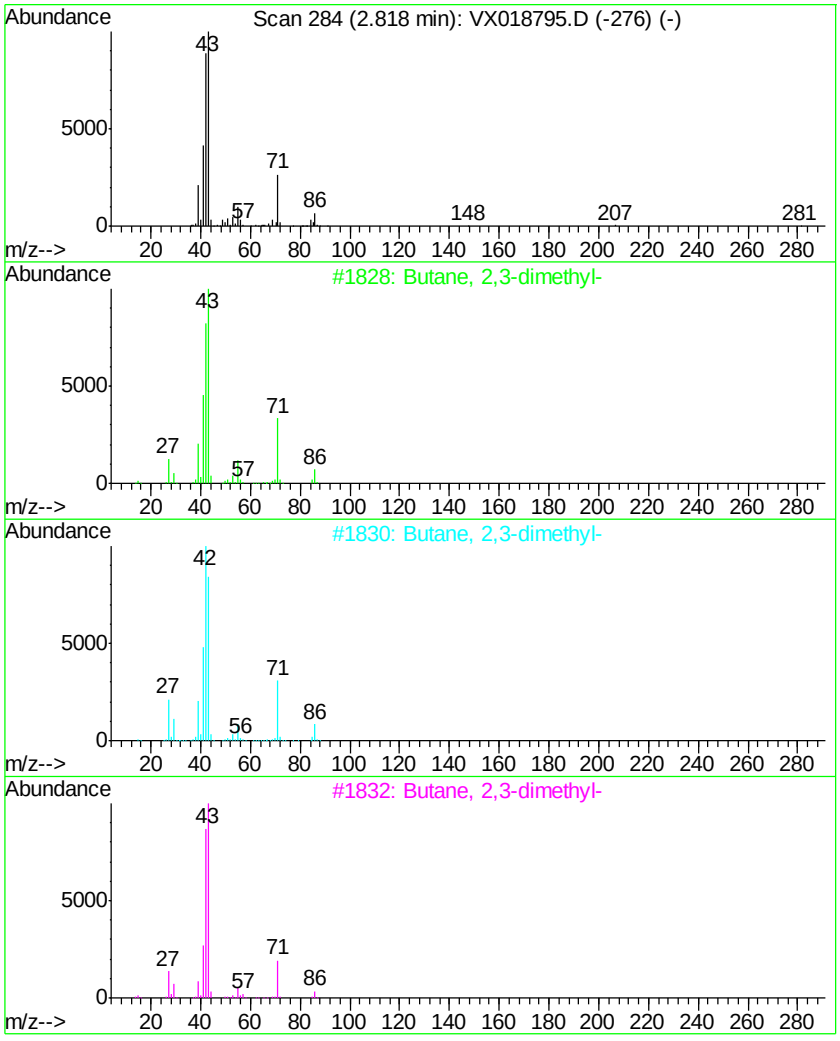
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

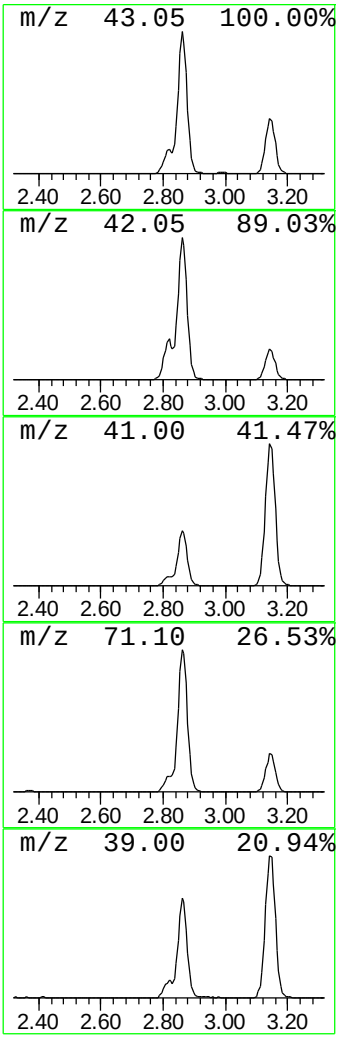
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.86 ug/L	199493	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

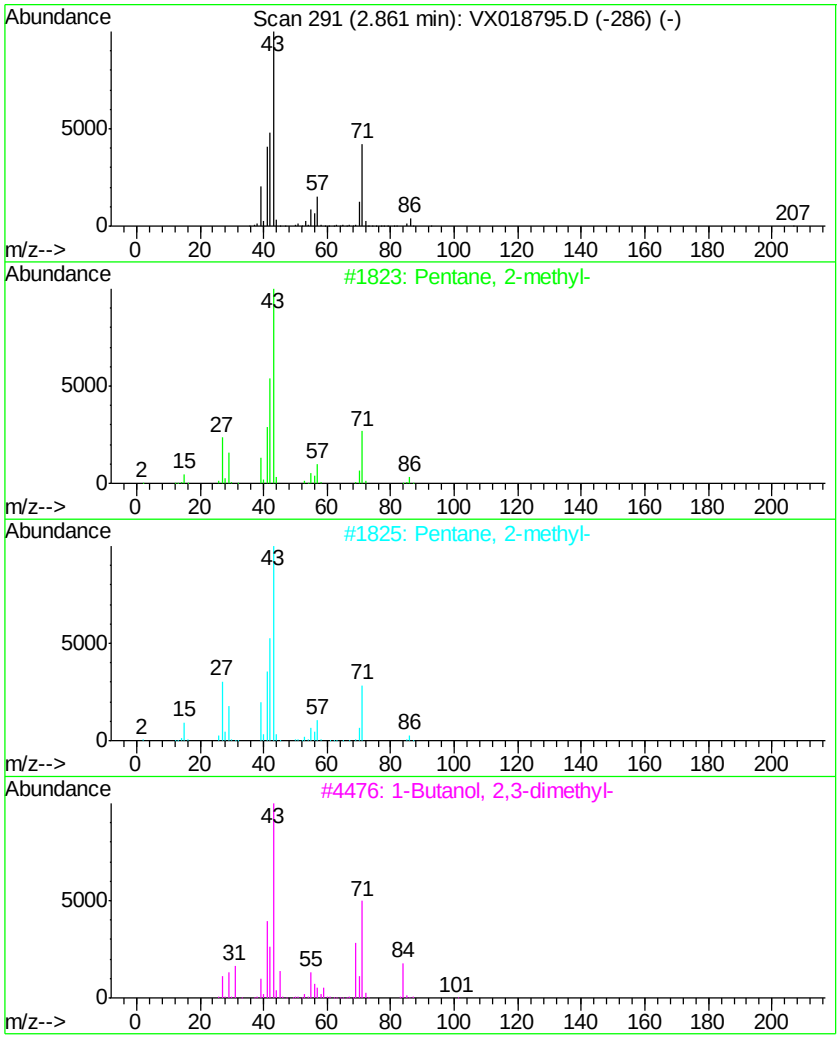
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

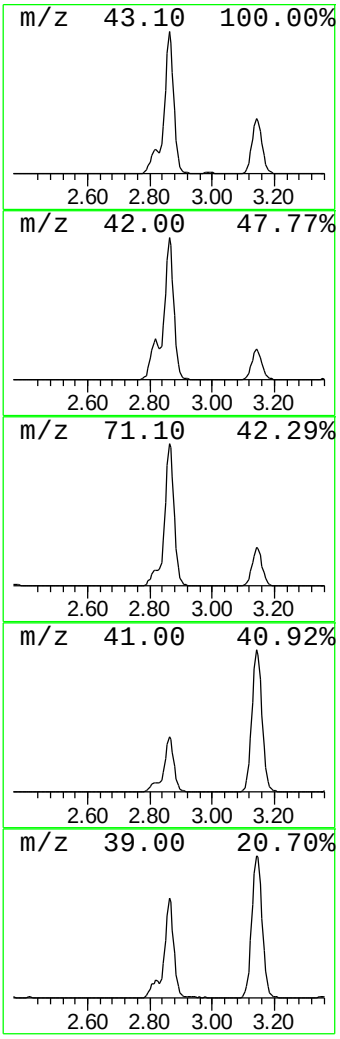
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	16.75 ug/L	1167830	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

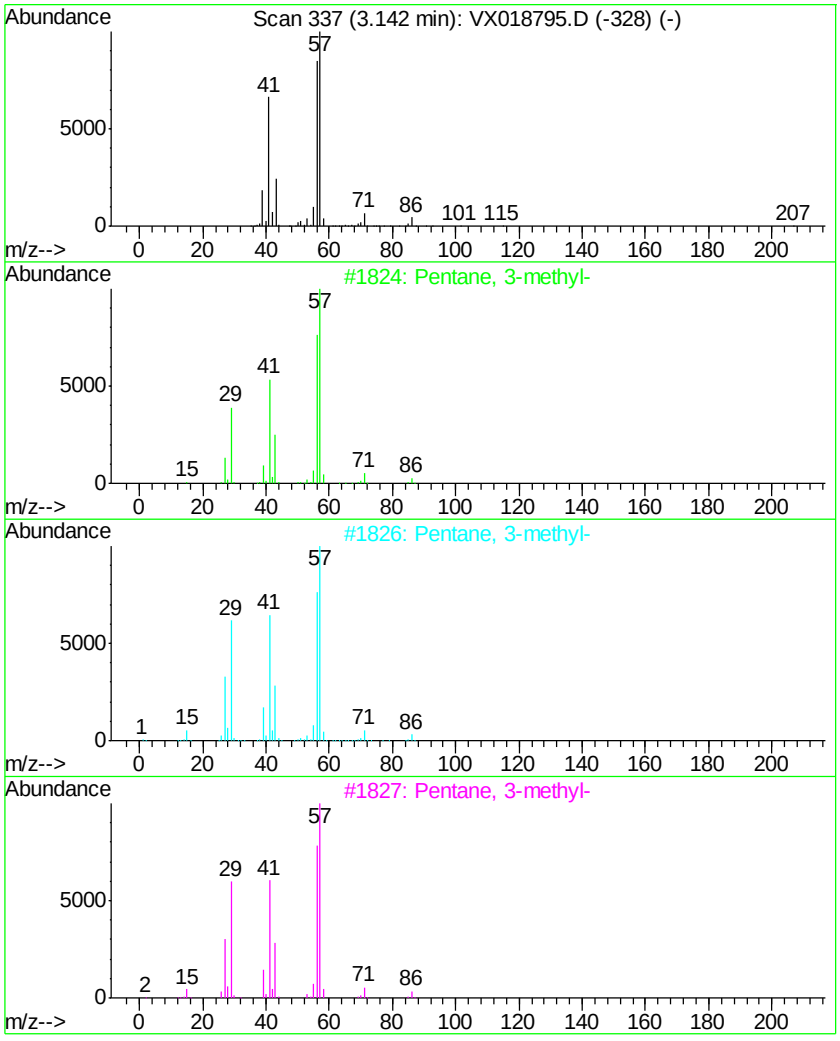
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

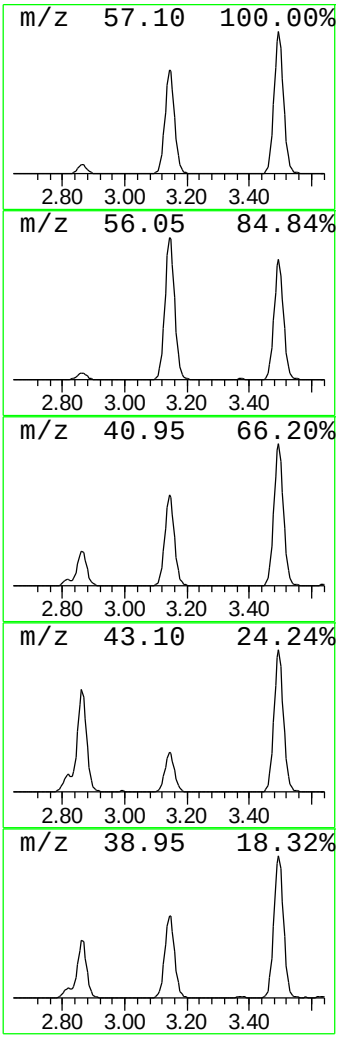
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	32.26 ug/L	2249360	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

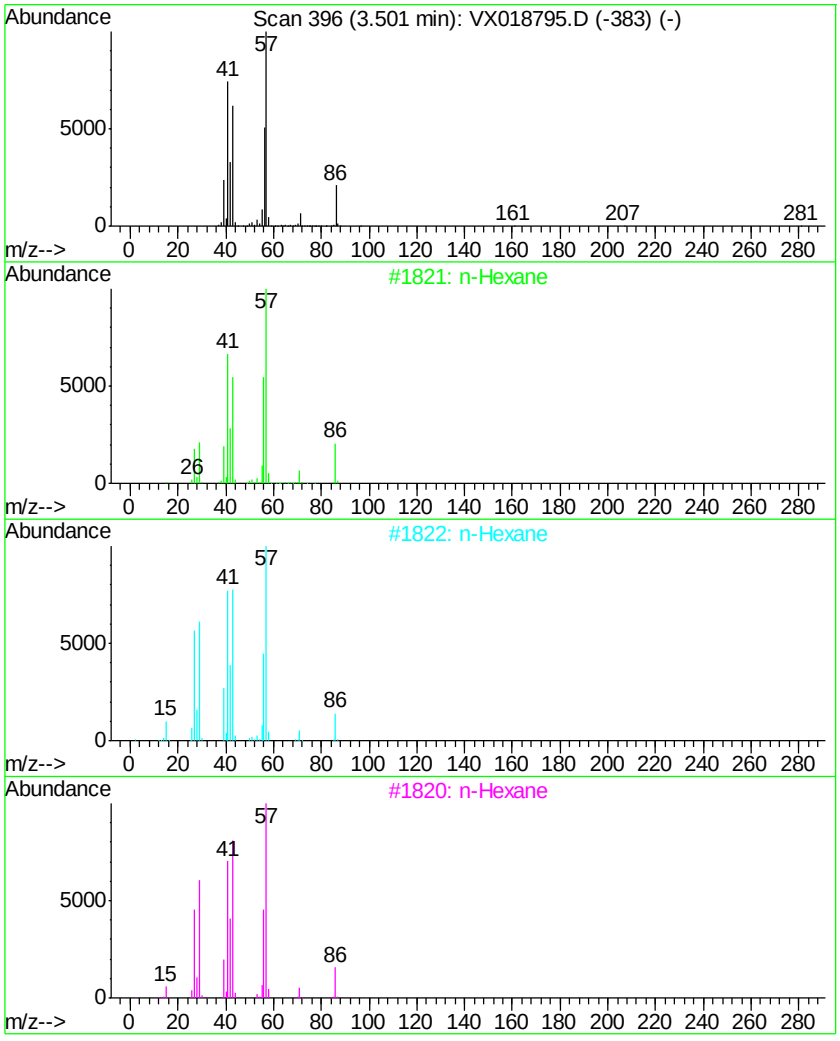
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

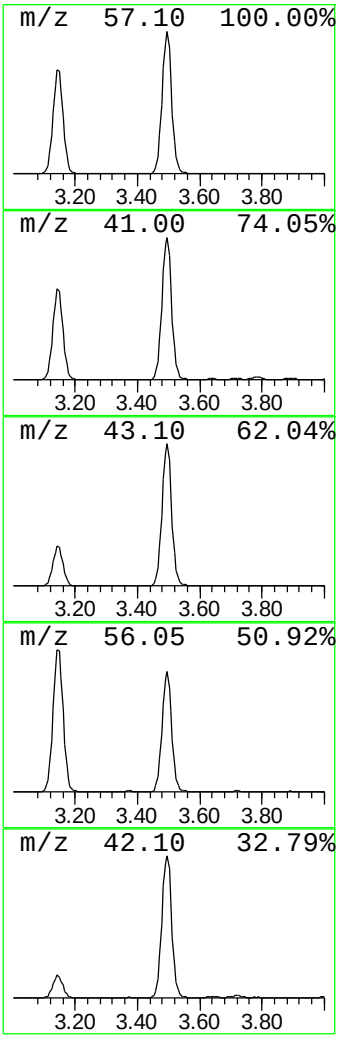
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	51.04 ug/L	3559370	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

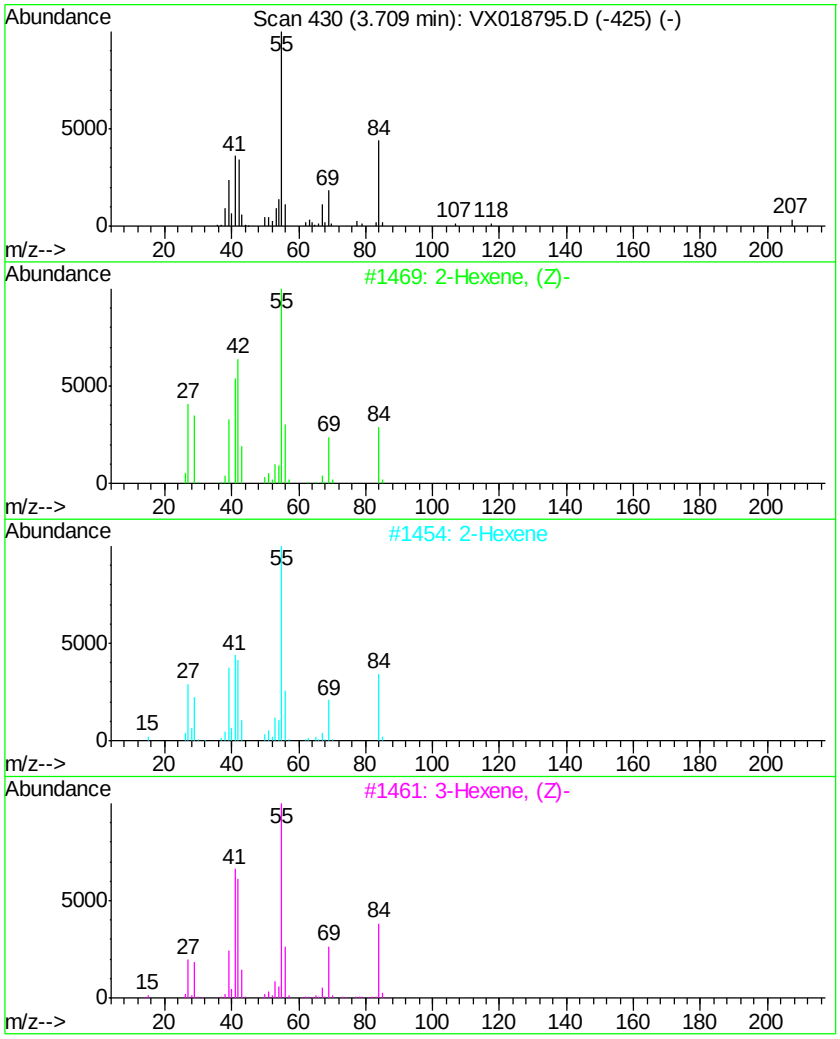
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

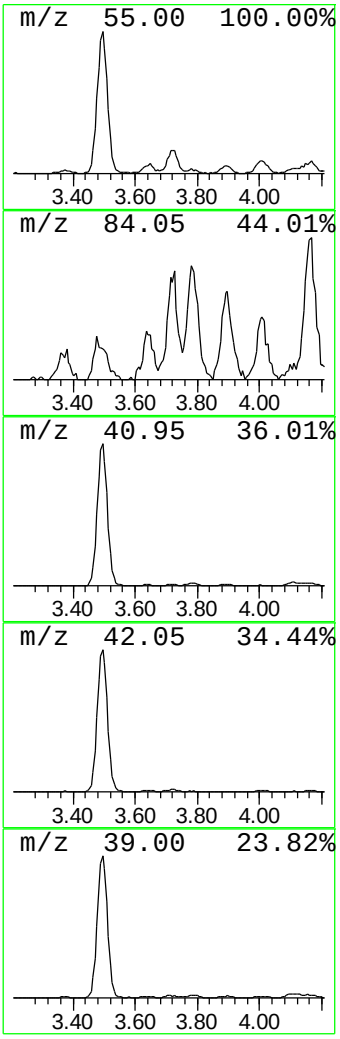
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	0.55 ug/L	38505	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	80
2	2-Hexene	84	C6H12	000592-43-8	80
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	72
4	2-Hexene, (E)-	84	C6H12	004050-45-7	72
5	2-Hexene	84	C6H12	000592-43-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

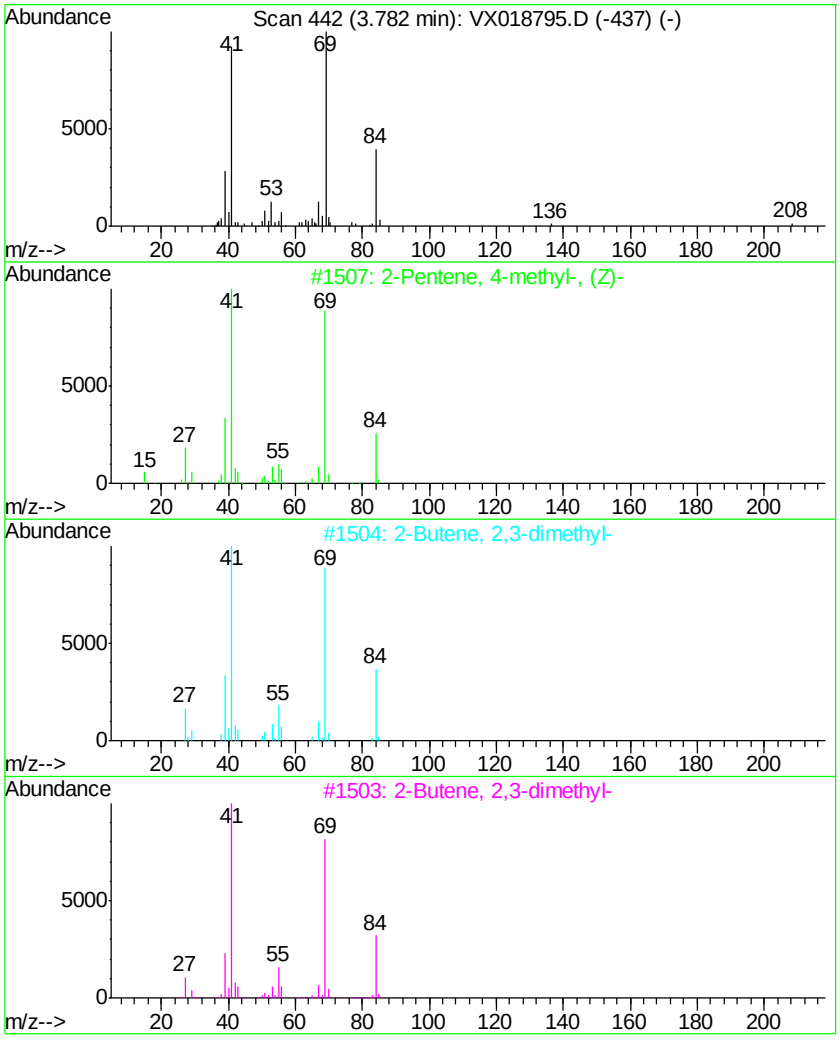
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

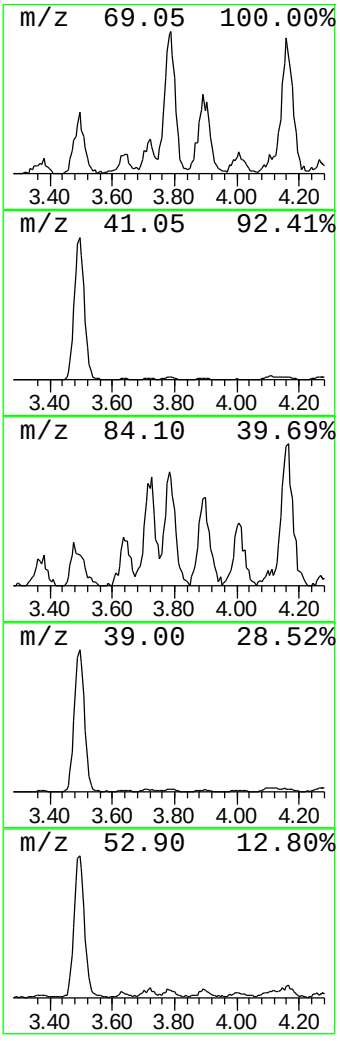
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.78 ug/L	54047	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	86
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

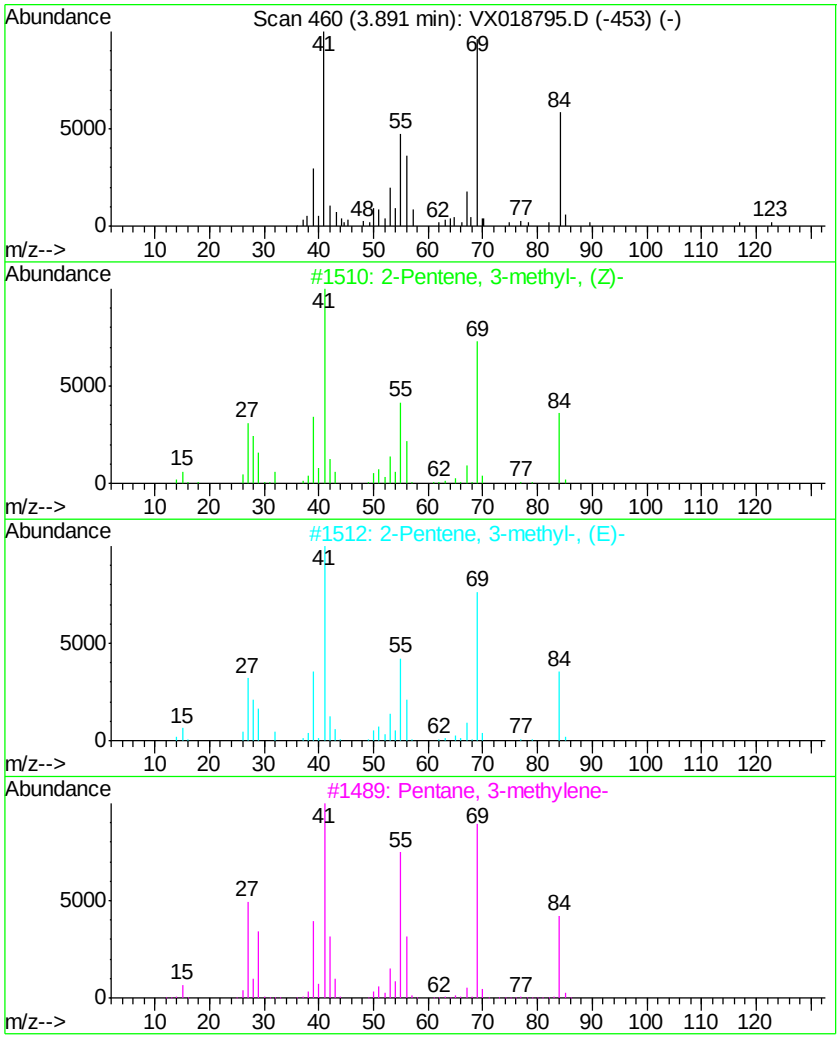
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

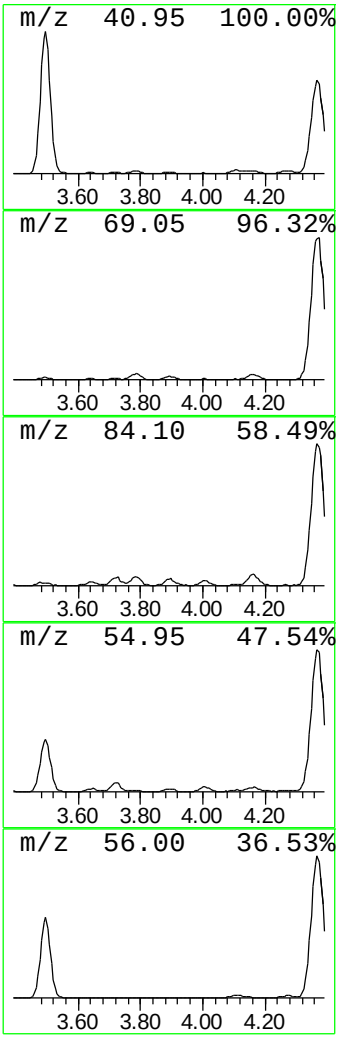
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	0.61 ug/L	42459	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	83
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	83
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

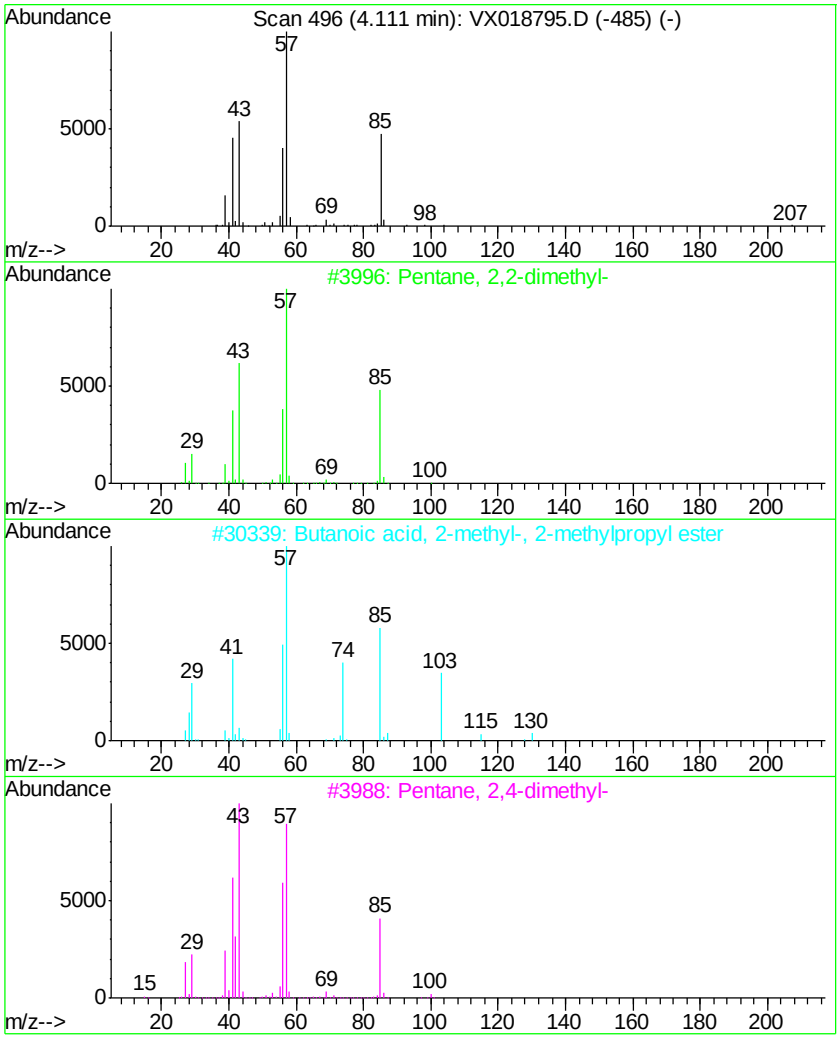
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

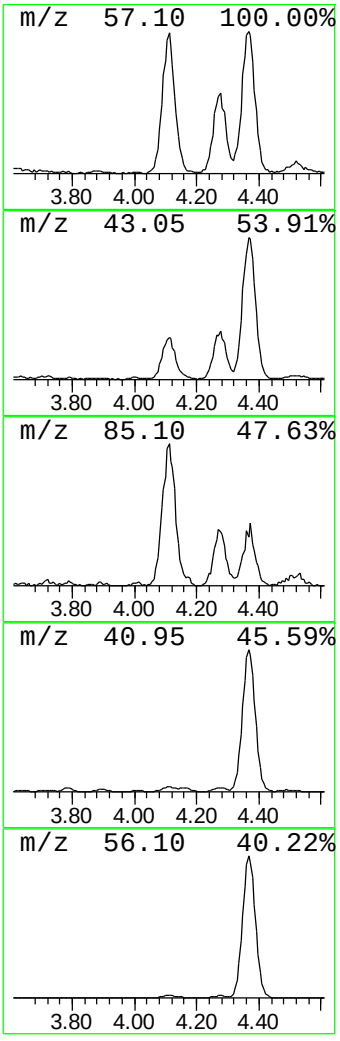
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	2.21 ug/L	154273	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	72
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

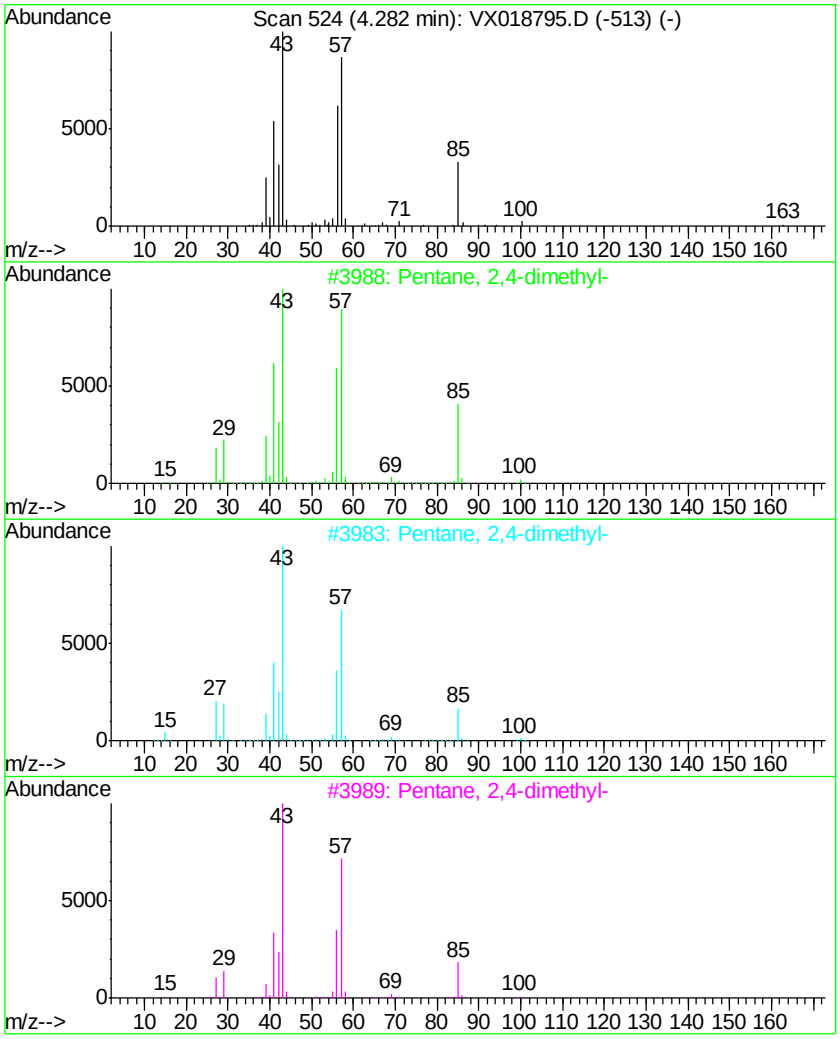
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

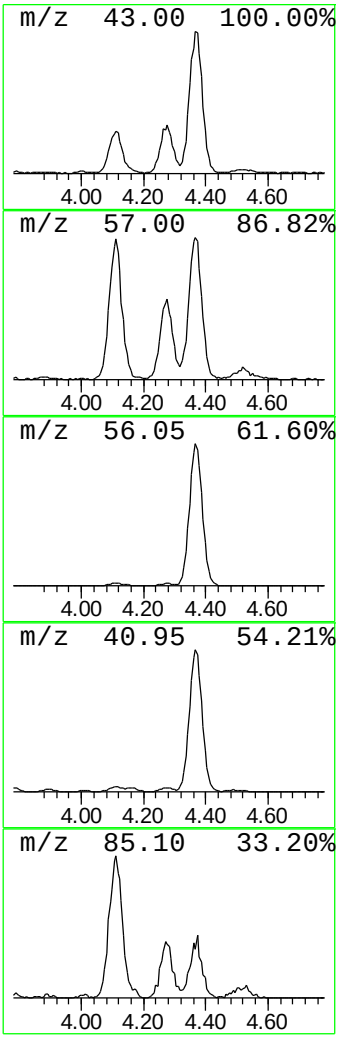
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.60 ug/L	111370	1,4-Difluorobenzene	6.83

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	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

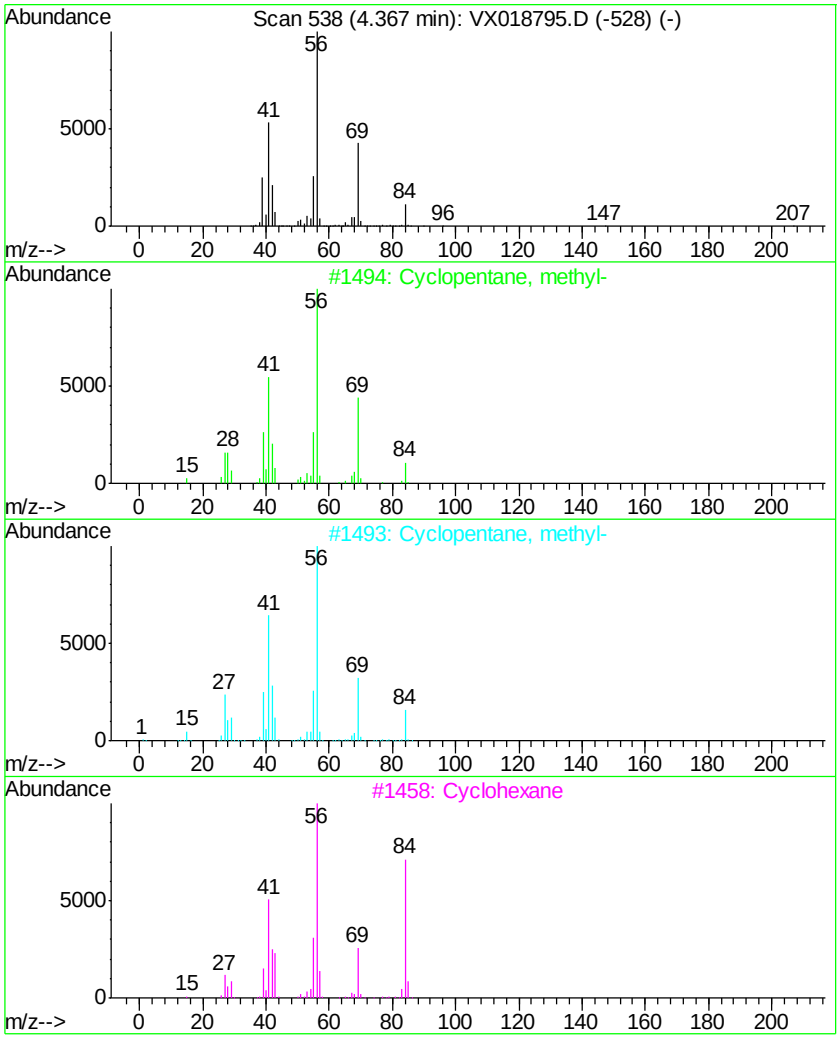
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

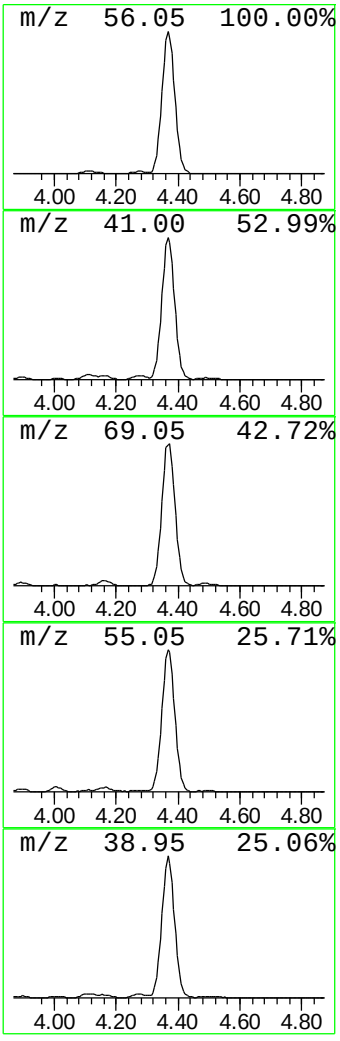
****

Peak Number 11 (DEL) Alkane: Cyclic4.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	50.23 ug/L	3502650	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

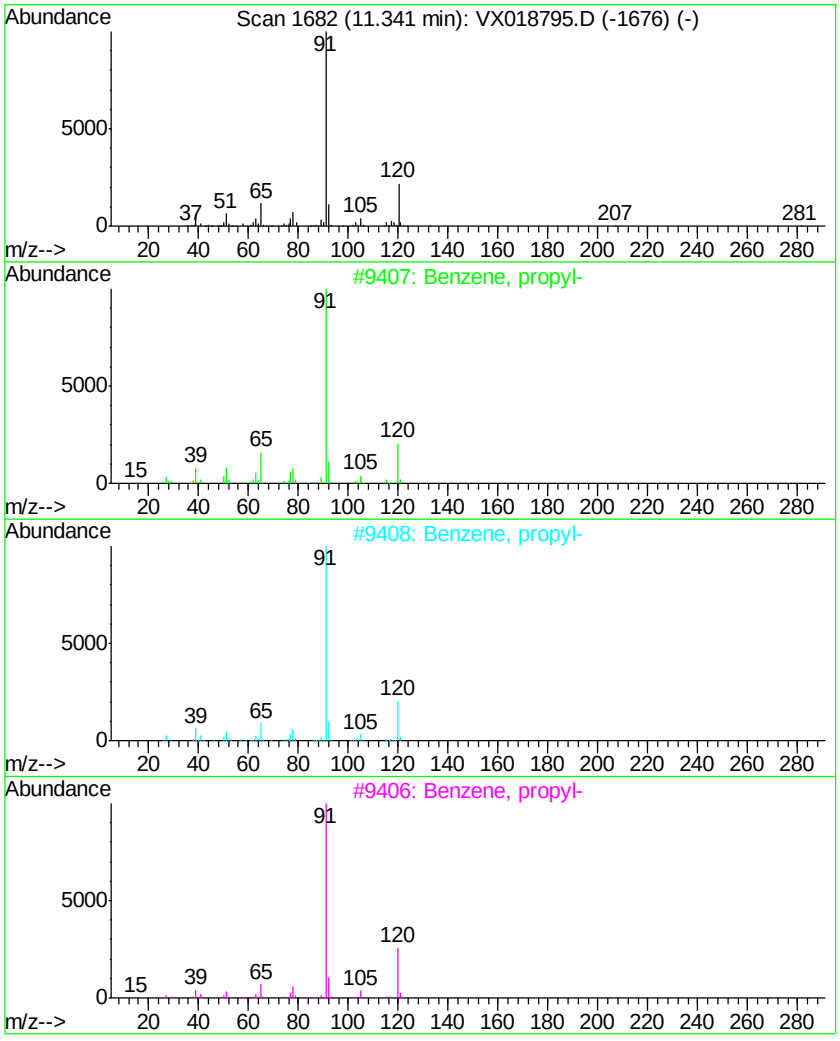
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

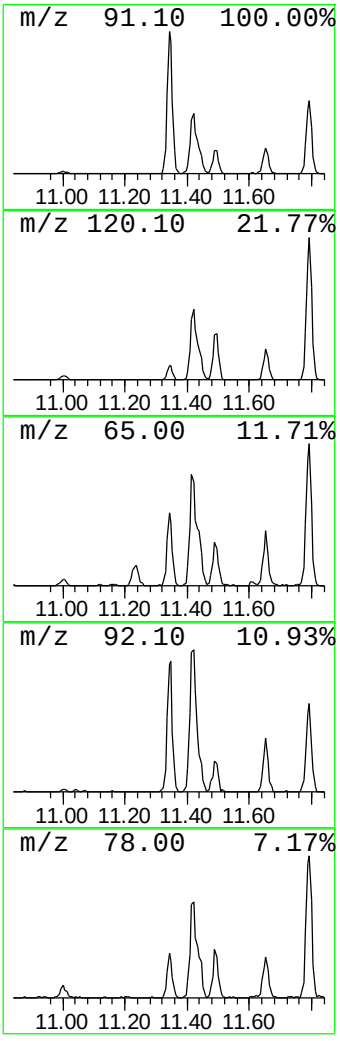
****

Peak Number 13 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.27 ug/L	143205	1,4-Dichlorobenzene-d4	12.06

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	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

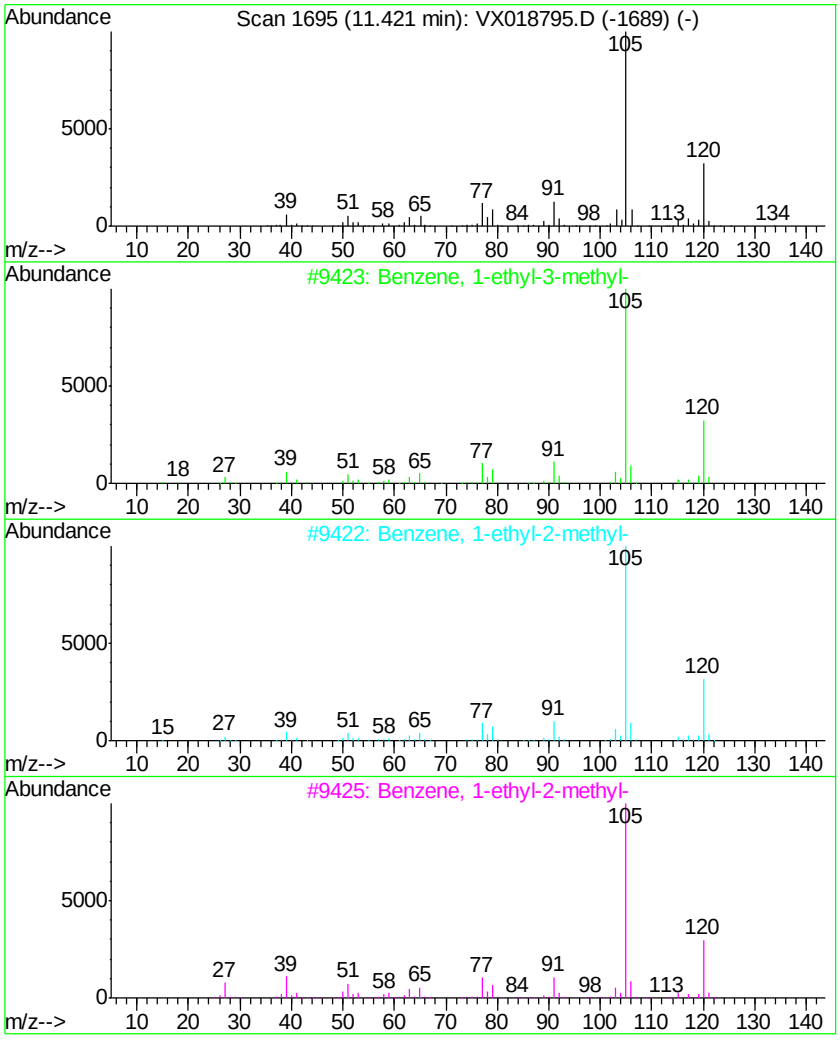
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

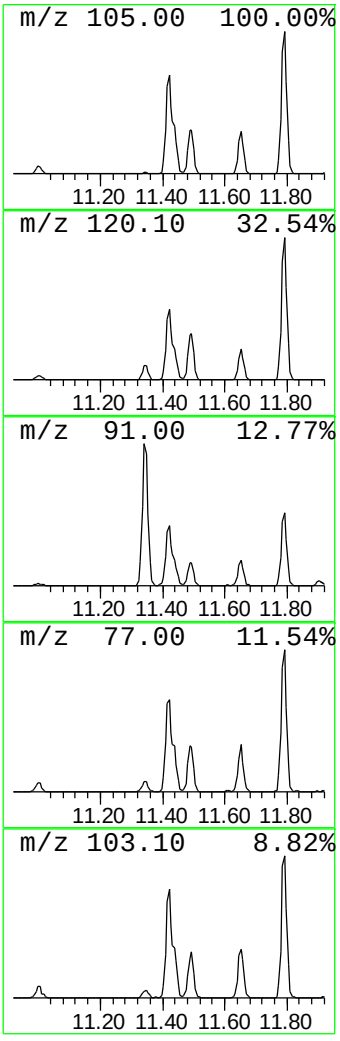
****

Peak Number 14 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	6.71 ug/L	757091	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

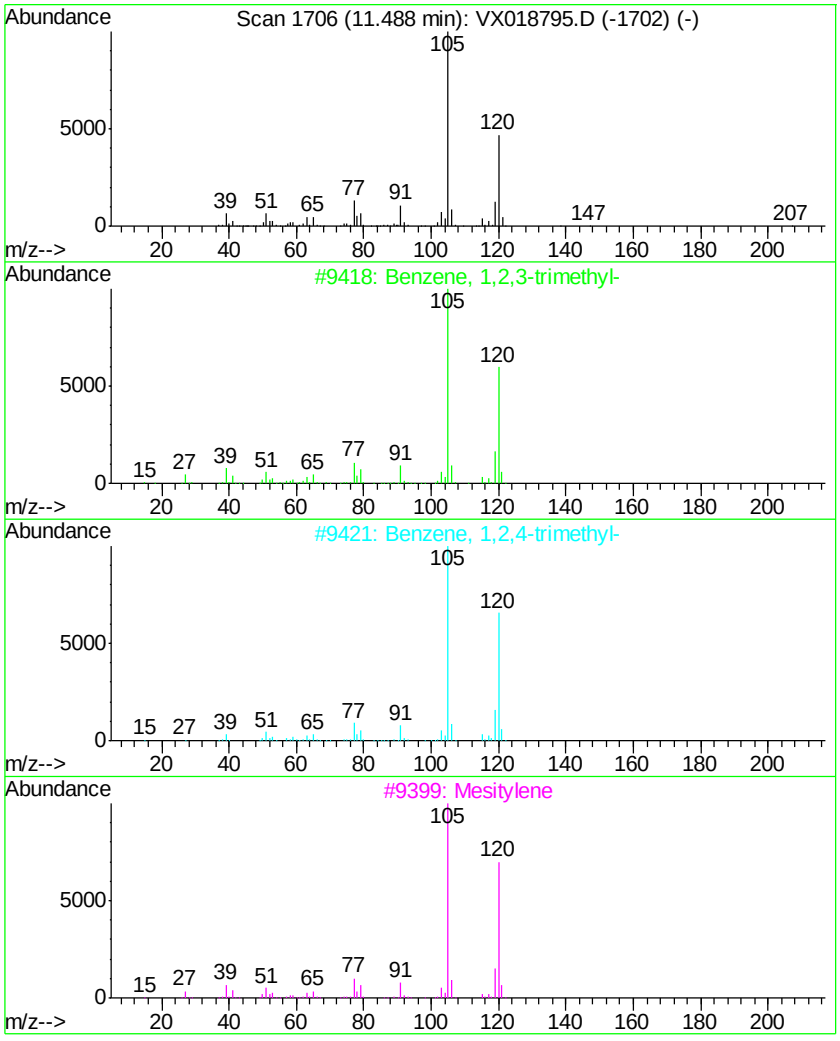
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

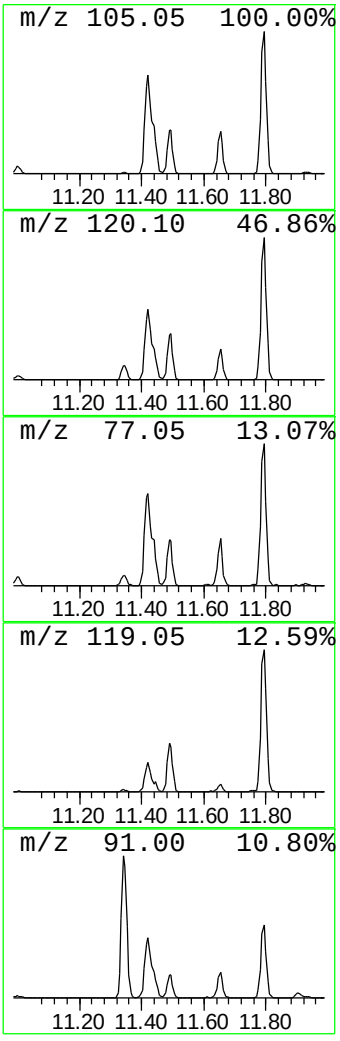
****

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.53 ug/L	285719	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

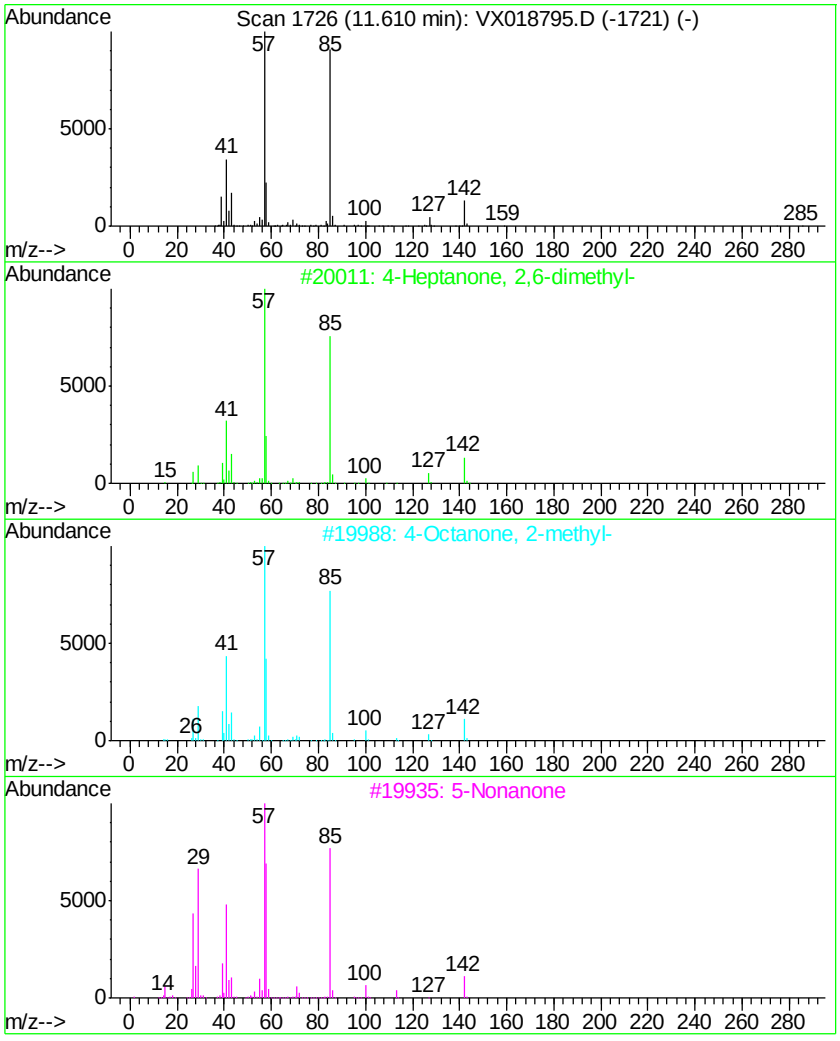
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

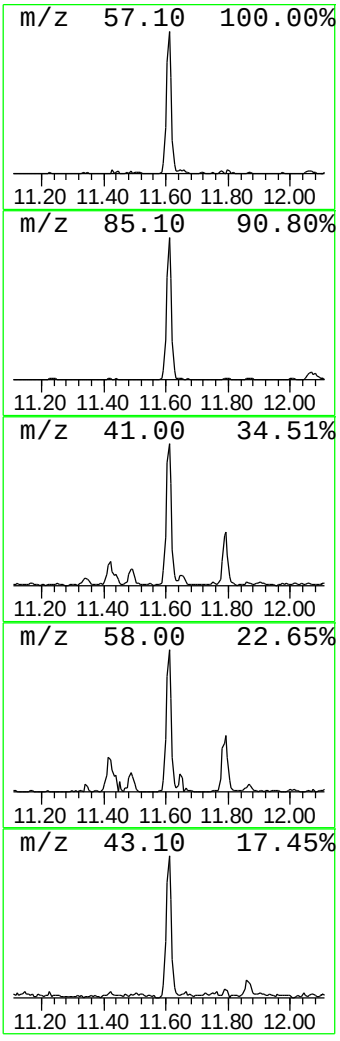
****

Peak Number 16 4-Heptanone, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	1.88 ug/L	212016	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

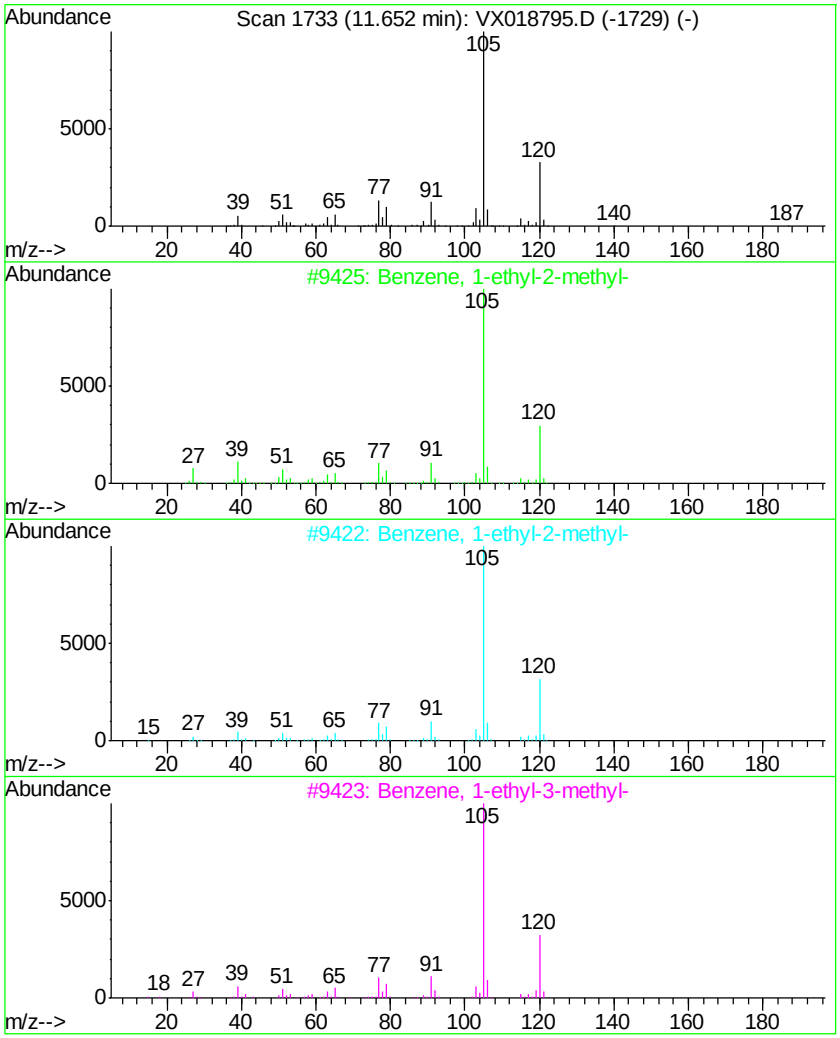
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

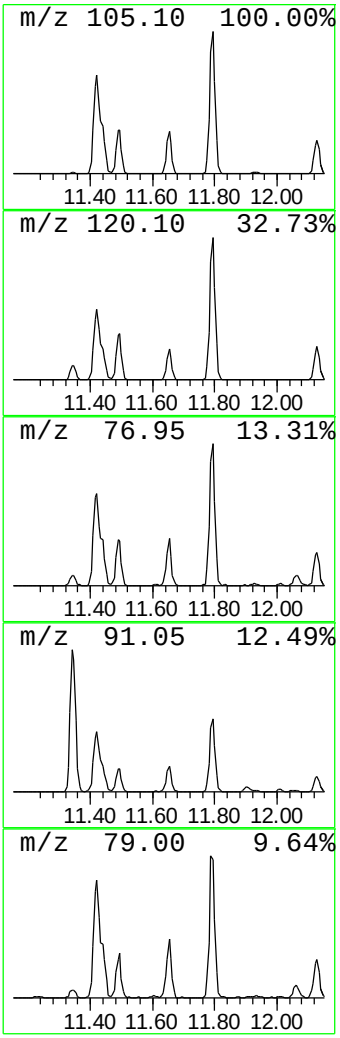
****

Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.10 ug/L	237445	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

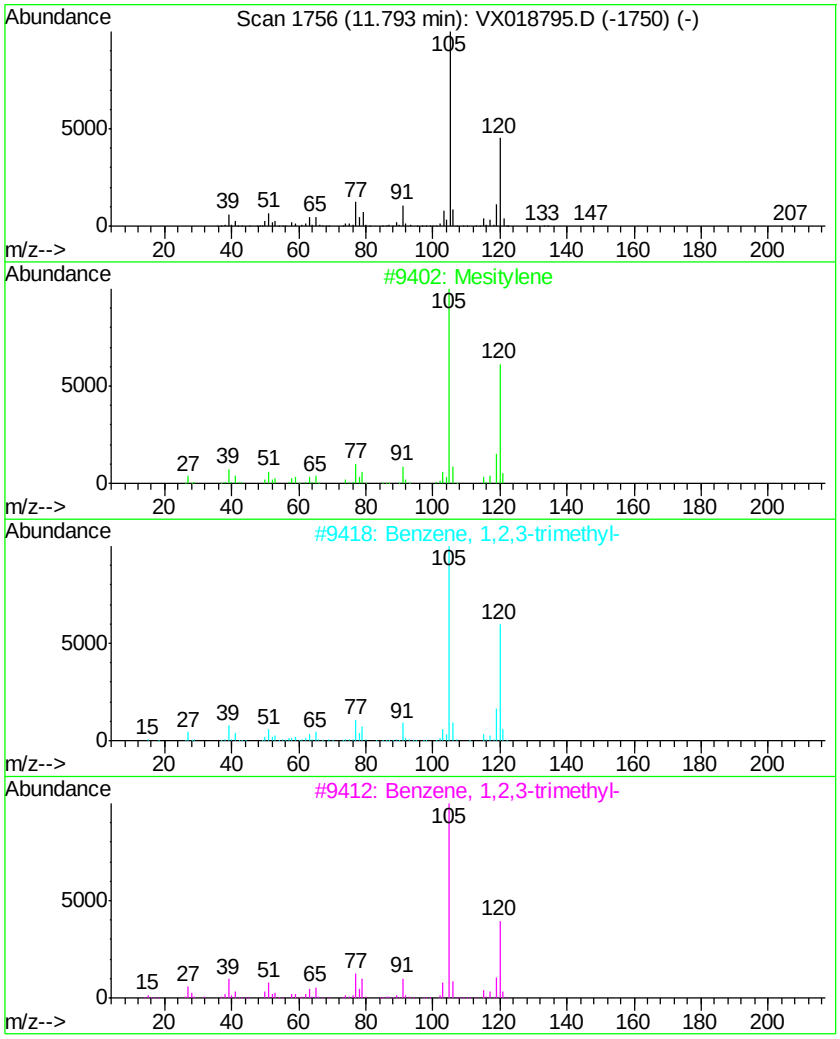
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

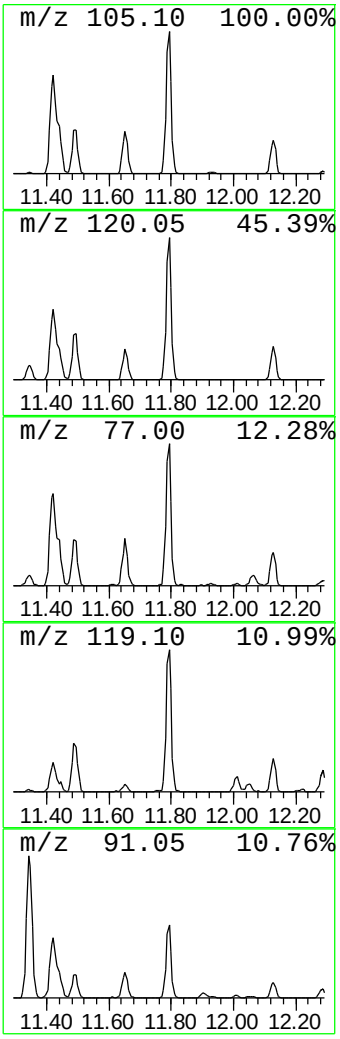
****

Peak Number 18 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.39 ug/L	833754	1,4-Dichlorobenzene-d4	12.06

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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

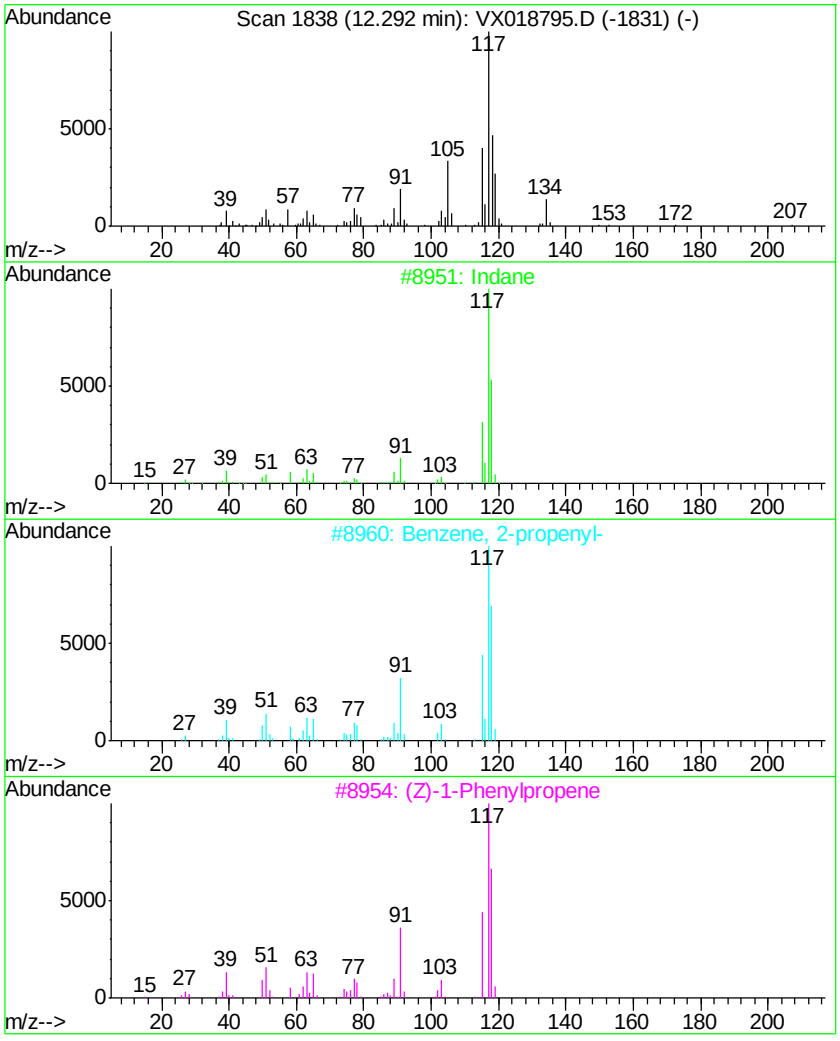
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

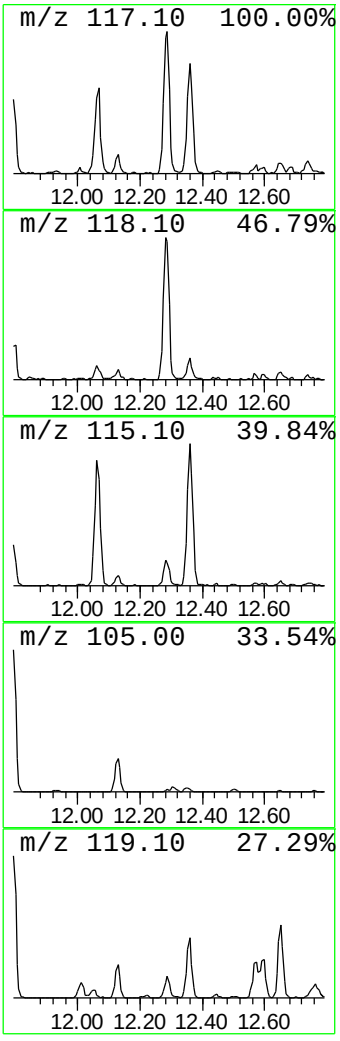
****

Peak Number 19 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	1.00 ug/L	113245	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	78
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018795.D
Acq On : 06 Oct 2020 13:25
Operator : JC/SP
Sample : L4240-02DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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...	2.82	2.9	ug/L	199493	1	6.83	348672	5.0
(DEL) Alkane: Str...	2.86	16.8	ug/L	1167830	1	6.83	348672	5.0
(DEL) Alkane: Str...	3.14	32.3	ug/L	2249360	1	6.83	348672	5.0
(DEL) Alkane: Str...	3.50	51.0	ug/L	3559370	1	6.83	348672	5.0
(DEL) Alkane: Str...	3.71	0.6	ug/L	38505	1	6.83	348672	5.0
(DEL) Alkane: Str...	3.78	0.8	ug/L	54047	1	6.83	348672	5.0
(DEL) Alkane: Str...	3.89	0.6	ug/L	42459	1	6.83	348672	5.0
(DEL) Alkane: Str...	4.11	2.2	ug/L	154273	1	6.83	348672	5.0
(DEL) Alkane: Str...	4.28	1.6	ug/L	111370	1	6.83	348672	5.0
(DEL) Alkane: Cyc...	4.37	50.2	ug/L	3502650	1	6.83	348672	5.0
Benzene, propyl-	11.34	1.3	ug/L	143205	3	12.06	564484	5.0
Benzene, 1-ethyl-...	11.42	6.7	ug/L	757091	3	12.06	564484	5.0
Benzene, 1,2,3-tr...	11.49	2.5	ug/L	285719	3	12.06	564484	5.0
4-Heptanone, 2,6-...	11.61	1.9	ug/L	212016	3	12.06	564484	5.0
Benzene, 1-ethyl-...	11.65	2.1	ug/L	237445	3	12.06	564484	5.0
Mesitylene	11.79	7.4	ug/L	833754	3	12.06	564484	5.0
Indane	12.29	1.0	ug/L	113245	3	12.06	564484	5.0