LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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	46	49	55	rVB	64974	64088	11.59%	1.000%
2	1.697	95	100	106	rBV	55561	64506	11.66%	1.006%
3	2.343	198	206	218	rBV	120325	191402	34.61%	2.986%
4	2.825	277	285	287	rBV2	14635	28963	5.24%	0.452%
5	2.867	287	292	303	rVV	62400	130746	23.64%	2.040%
6	2.995	305	313	321	rVB2	5813	14391	2.60%	0.224%
7	3.148	328	338	349	rBV	110900	252264	45.61%	3.935%
8	3.501	385	396	410	rBV	161309	369208	66.76%	5.759%
9	3.721	426	432	435	rBV6	3580	7006	1.27%	0.109%
10	3.788	439	443	449	rVB7	3228	6844	1.24%	0.107%
11	3.898	458	461	469	rVB8	2759	5821	1.05%	0.091%
12	4.123	485	498	501	rBV3	7756	23233	4.20%	0.362%
13	4.288	517	525	529	rBV7	5025	13217	2.39%	0.206%
14	4.373	529	539	552	rVB2	138694	403184	72.90%	6.289%
15	4.556	557	569	581	rBV	46707	200400	36.23%	3.126%
16	5.141	652	665	677	rBV	77533	237784	42.99%	3.709%
17	5.544	721	731	743	rVB4	14062	45797	8.28%	0.714%
18	6.044	799	813	826	rBV2	188596	547651	99.02%	8.543%
19	6.830	933	942	952	rBV	140105	333326	60.27%	5.200%
20	7.367	1021	1030	1044	rBV2	113684	255854	46.26%	3.991%
21	8.373	1186	1195	1206	rBV	73036	123734	22.37%	1.930%
22	8.696	1239	1248	1254	rBV	284511	449199	81.22%	7.007%
23	8.763	1254	1259	1268	rVB	74661	117037	21.16%	1.826%
24	8.994	1290	1297	1305	rBV	51665	79563	14.39%	1.241%
25	9.427	1362	1368	1377	rBV	385302	553072	100.00%	8.628%
26	9.738	1414	1419	1426	rBV	25450	37994	6.87%	0.593%
27	10.098	1471	1478	1489	rBV	279575	405425	73.30%	6.324%
28	10.238	1495	1501	1505	rBV	9812	14648	2.65%	0.228%
29	10.342	1513	1518	1524	rVB	25647	37036	6.70%	0.578%
30	10.683	1566	1574	1579	rBV3	11077	17919	3.24%	0.280%
31	11.232	1657	1664	1673	rBV	124777	160301	28.98%	2.501%
32	11.342	1677	1682	1689	rVB	13945	19506	3.53%	0.304%
33	11.421	1689	1695	1702	rBV	43525	77607	14.03%	1.211%
34	11.488	1702	1706	1711	rVB	22381	29020	5.25%	0.453%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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	11.604	1721	1725	1729	rBV	15298	20673	3.74%	0.322%
36	11.652	1729	1733	1739	rVB2	19468	27438	4.96%	0.428%
37	11.793	1750	1756	1761	rBV	60687	80399	14.54%	1.254%
38	12.006	1786	1791	1794	rBV4	4844	5844	1.06%	0.091%
39	12.061	1794	1800	1807	rVV	312765	397530	71.88%	6.201%
40	12.128	1807	1811	1818	rVB	17972	23652	4.28%	0.369%
41	12.280	1829	1836	1843	rBV5	8091	15906	2.88%	0.248%
42	12.360	1843	1849	1855	rBV	330724	427305	77.26%	6.666%
43	12.573	1878	1884	1887	rBV7	3037	6207	1.12%	0.097%
44	12.652	1893	1897	1901	rVB5	4621	6099	1.10%	0.095%
45	13.006	1951	1955	1960	rVB3	5131	6570	1.19%	0.102%
46	13.329	2004	2008	2013	rBV7	3507	6280	1.14%	0.098%
47	13.628	2053	2057	2062	rVB	40946	50476	9.13%	0.787%
48	14.000	2113	2118	2123	rBV3	13179	18413	3.33%	0.287%

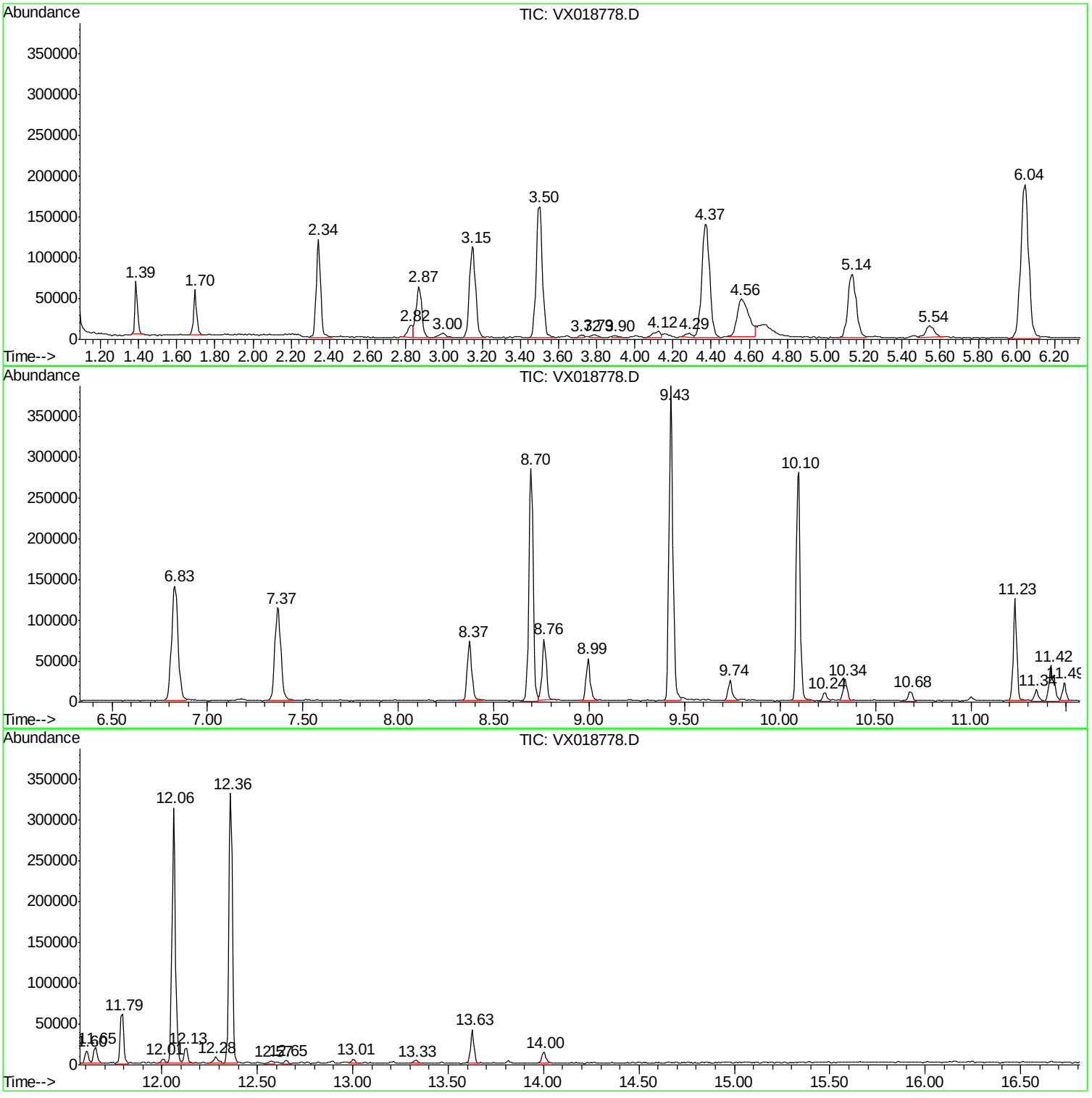
Sum of corrected areas: 6410538

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q7

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\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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

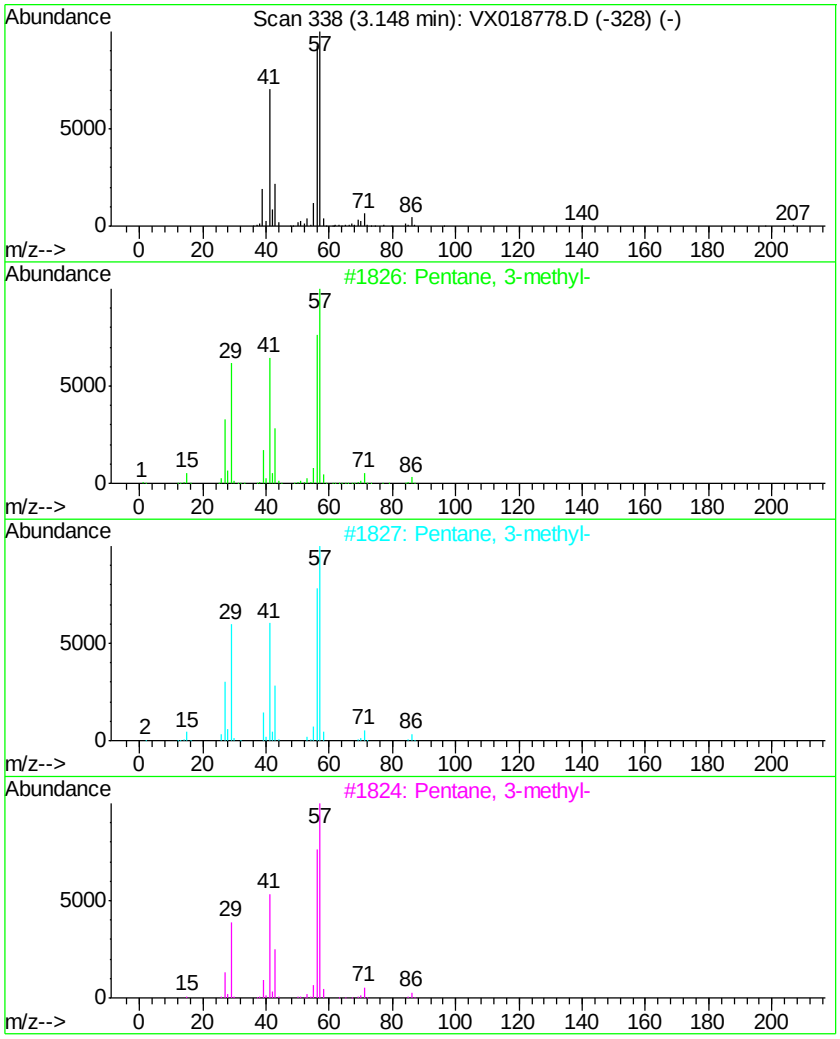
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

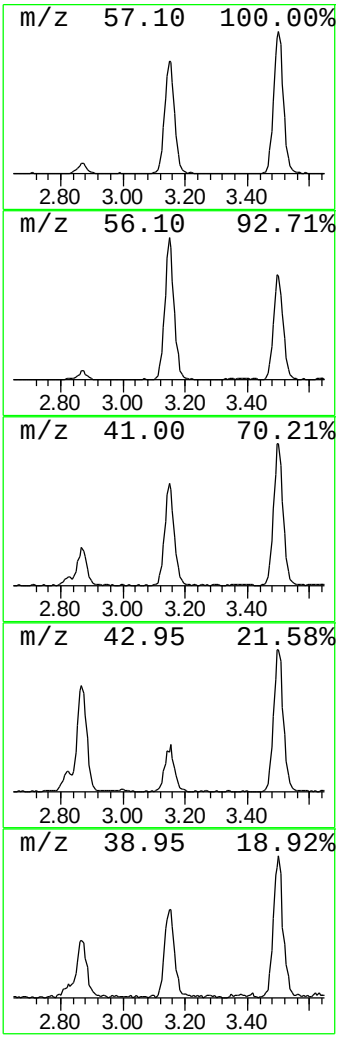
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	3.78 ug/L	252264	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	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

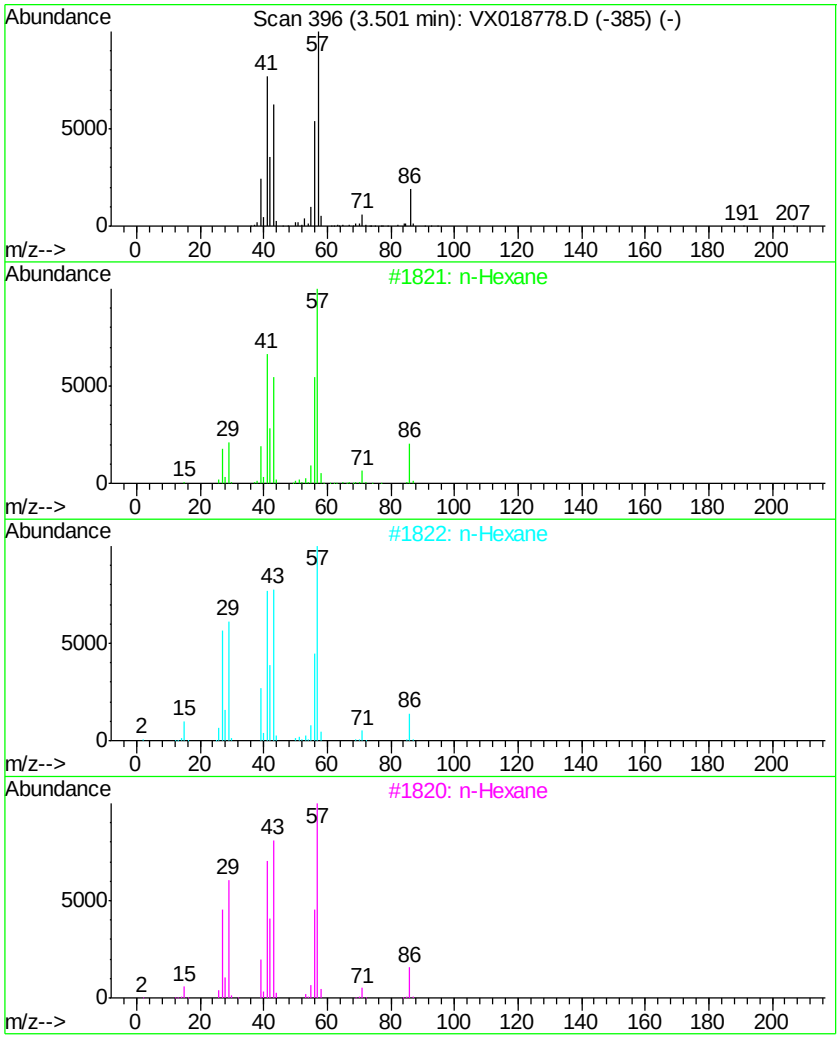
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

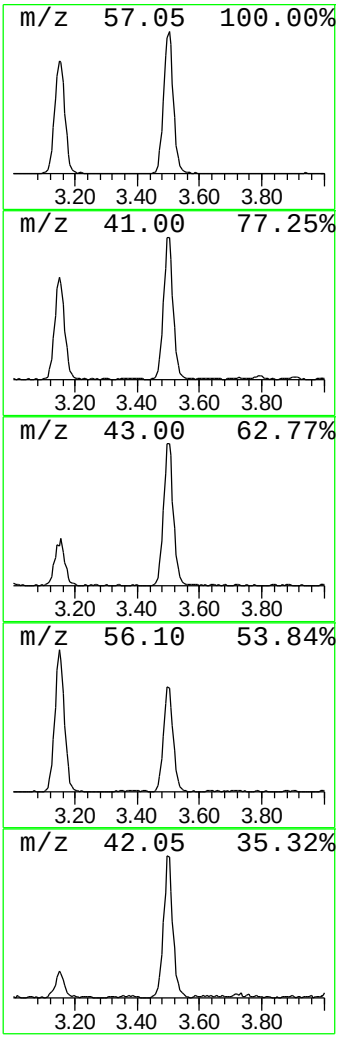
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	5.54 ug/L	369208	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	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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

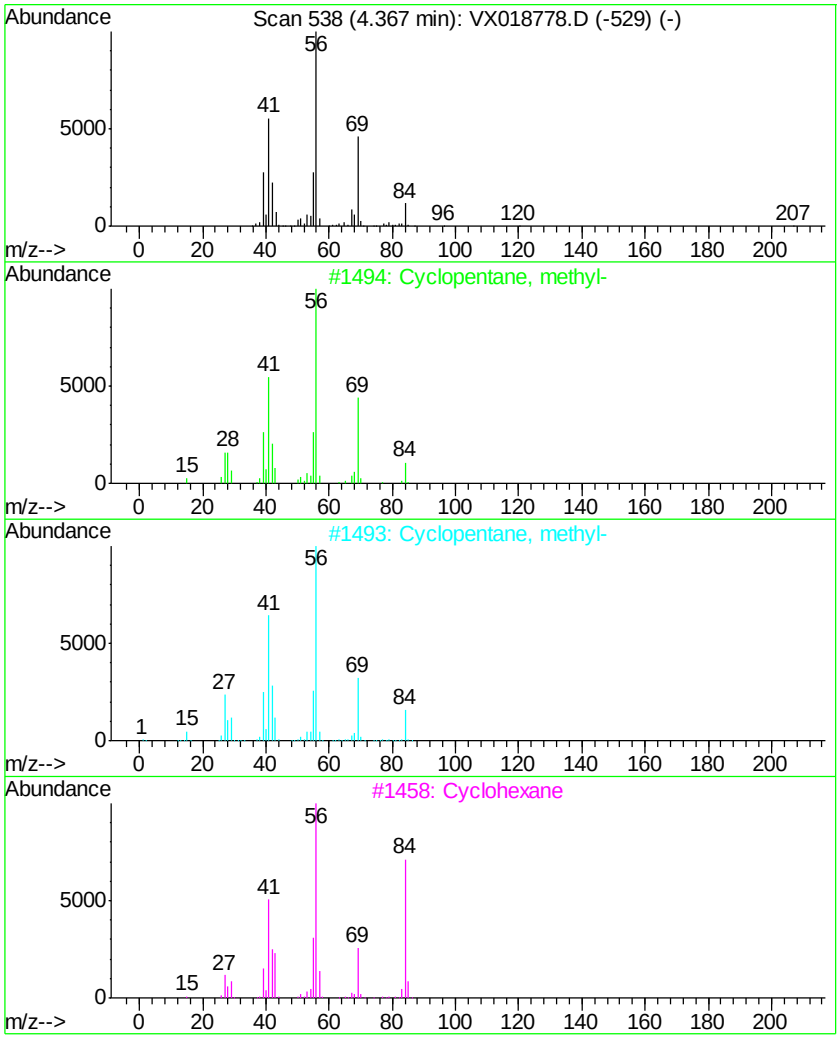
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

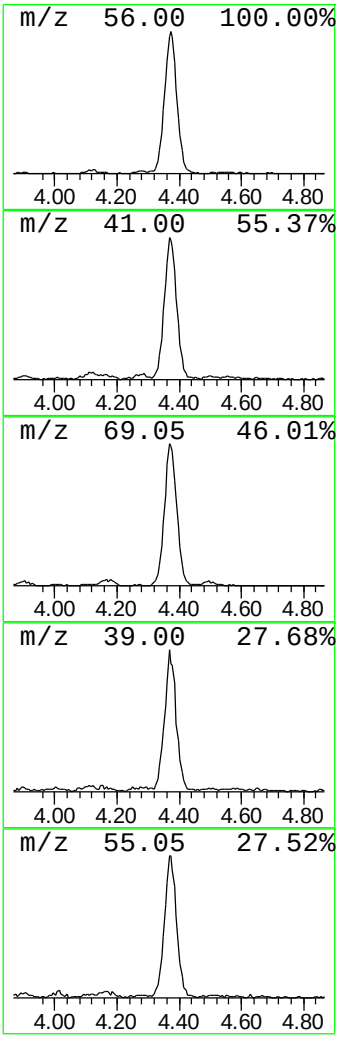
****

Peak Number 3 (DEL) Alkane: Cyclic4.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	6.05 ug/L	403184	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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

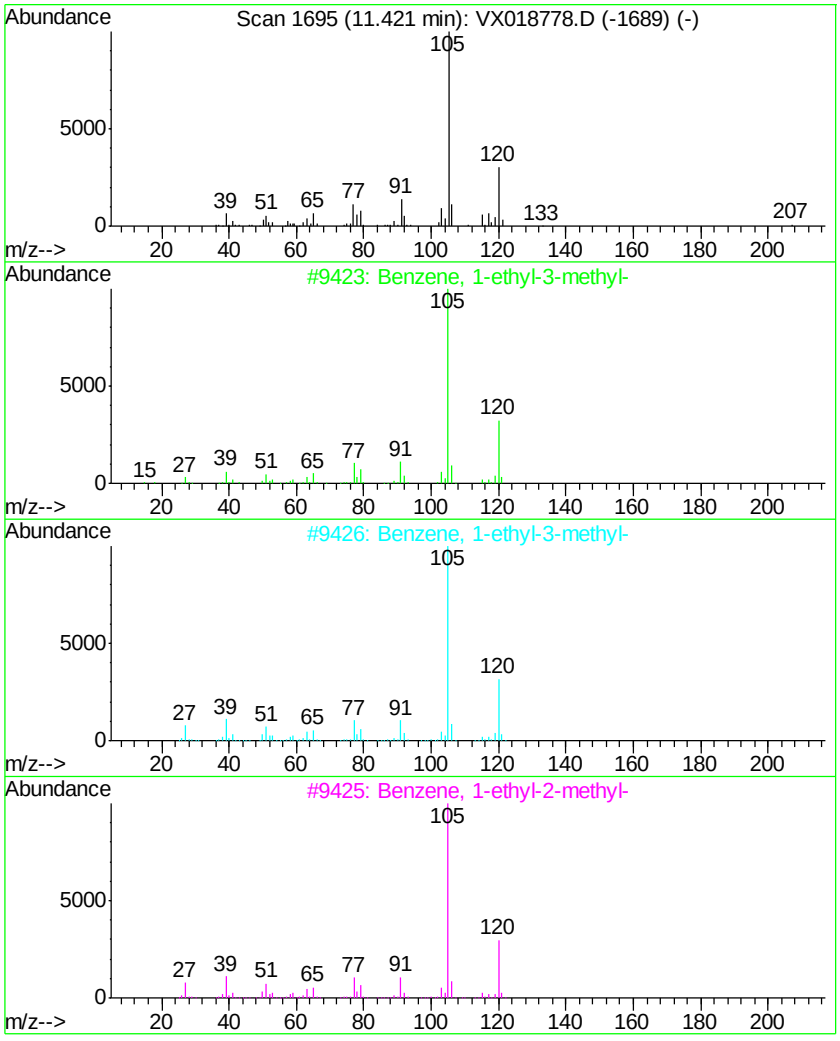
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

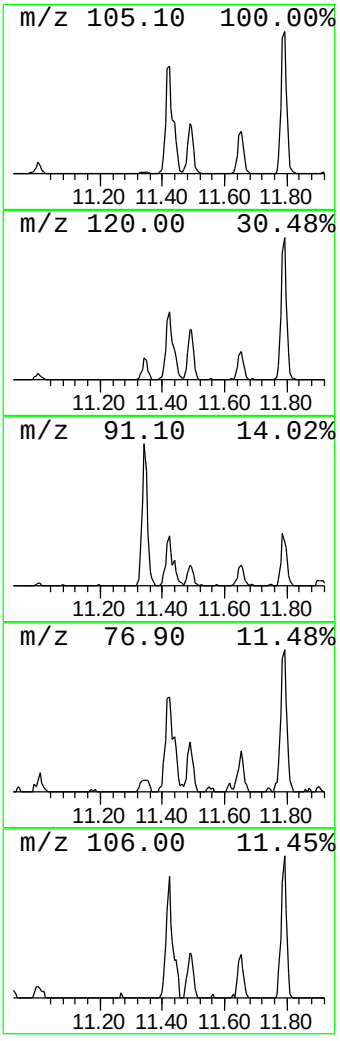
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.98 ug/L	77607	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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

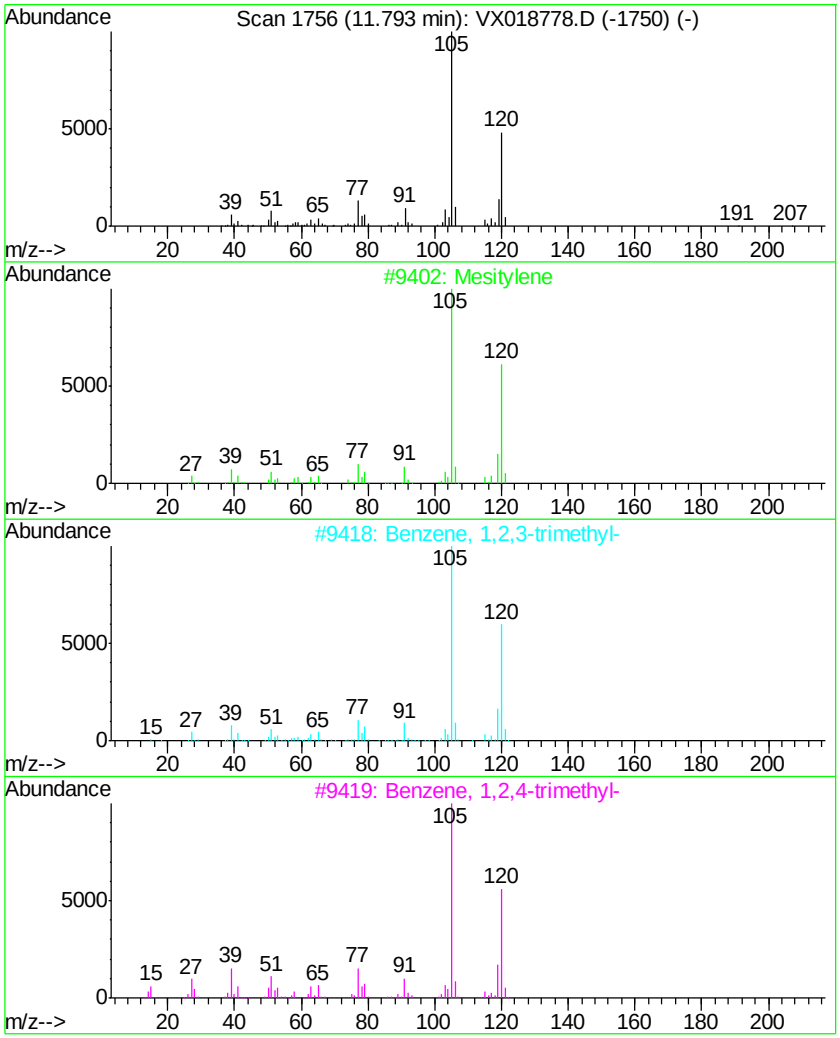
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

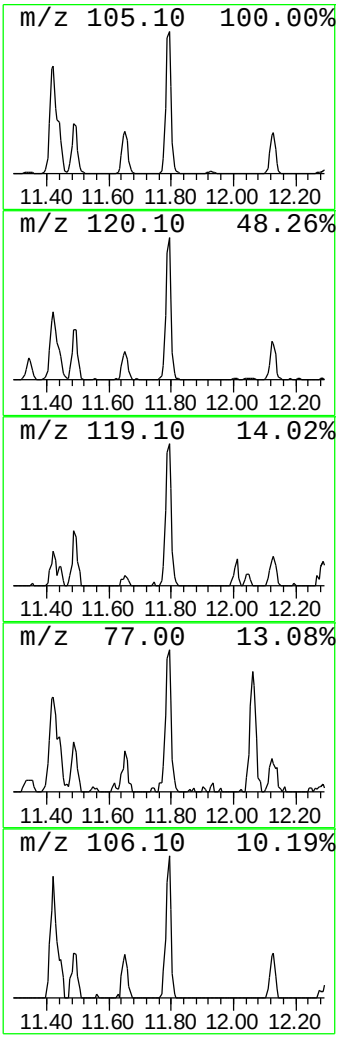
****

Peak Number 6 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	1.01 ug/L	80399	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	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018778.D
Acq On : 05 Oct 2020 20:27
Operator : JC/SP
Sample : L4240-01 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7

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...	3.15	3.8	ug/L	252264	1	6.83	333326	5.0
(DEL) Alkane: Str...	3.50	5.5	ug/L	369208	1	6.83	333326	5.0
(DEL) Alkane: Cyc...	4.37	6.0	ug/L	403184	1	6.83	333326	5.0
Benzene, 1-ethyl-...	11.42	1.0	ug/L	77607	3	12.06	397530	5.0
Mesitylene	11.79	1.0	ug/L	80399	3	12.06	397530	5.0