LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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	44	49	56	rBV	58797	62803	2.17%	0.335%
2	1.697	95	100	106	rBV	51826	65411	2.26%	0.349%
3	2.343	199	206	217	rBV	112161	179461	6.20%	0.959%
4	2.825	277	285	287	rBV	83740	159582	5.52%	0.852%
5	2.874	287	293	306	rVB	444873	933337	32.26%	4.985%
6	3.148	323	338	354	rBV	812547	1847272	63.85%	9.867%
7	3.502	384	396	412	rBV	1292271	2860410	98.87%	15.279%
8	3.727	425	433	438	rVV2	17949	45835	1.58%	0.245%
9	3.794	438	444	453	rVB	22078	52947	1.83%	0.283%
10	3.898	453	461	468	rBV3	16010	40855	1.41%	0.218%
11	4.111	488	496	502	rBV2	45583	137980	4.77%	0.737%
12	4.282	513	524	529	rBV2	37073	108550	3.75%	0.580%
13	4.373	529	539	553	rVB	1000170	2893029	100.00%	15.453%
14	4.544	553	567	580	rBV2	59676	217795	7.53%	1.163%
15	5.141	653	665	679	rBV	75378	233132	8.06%	1.245%
16	5.550	723	732	748	rVB	99954	310509	10.73%	1.659%
17	6.044	800	813	830	rBV2	168423	500445	17.30%	2.673%
18	6.830	931	942	952	rBV	132954	327388	11.32%	1.749%
19	7.367	1022	1030	1039	rBV	105854	232551	8.04%	1.242%
20	8.373	1188	1195	1205	rBV	68258	110406	3.82%	0.590%
21	8.696	1238	1248	1254	rBV	268090	412777	14.27%	2.205%
22	8.763	1254	1259	1272	rVB	575654	879491	30.40%	4.698%
23	8.994	1290	1297	1306	rVB	50373	79734	2.76%	0.426%
24	9.427	1362	1368	1380	rBV	367196	503615	17.41%	2.690%
25	10.098	1472	1478	1490	rBV	268894	413871	14.31%	2.211%
26	10.232	1495	1500	1505	rBV	65793	88235	3.05%	0.471%
27	10.342	1511	1518	1524	rBV	224403	304553	10.53%	1.627%
28	10.683	1568	1574	1583	rVB	89691	119758	4.14%	0.640%
29	11.000	1622	1626	1631	rBV	30653	37196	1.29%	0.199%
30	11.232	1657	1664	1671	rBV	117736	149144	5.16%	0.797%
31	11.342	1677	1682	1689	rBV	102659	131502	4.55%	0.702%
32	11.421	1689	1695	1702	rVV	384659	676702	23.39%	3.615%
33	11.488	1702	1706	1713	rVB	212426	257980	8.92%	1.378%
34	11.610	1719	1726	1729	rBV	139220	171243	5.92%	0.915%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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	11.652	1729	1733	1739	rVB	169556	216011	7.47%	1.154%
36	11.793	1750	1756	1765	rBV	617148	755482	26.11%	4.035%
37	12.006	1787	1791	1795	rBV	35389	47349	1.64%	0.253%
38	12.061	1795	1800	1807	rVV2	331807	542825	18.76%	2.899%
39	12.128	1807	1811	1816	rVB	154537	180984	6.26%	0.967%
40	12.280	1831	1836	1844	rBV2	58731	101767	3.52%	0.544%
41	12.360	1844	1849	1857	rVB	362597	502752	17.38%	2.685%
42	12.652	1893	1897	1901	rBV	33154	39641	1.37%	0.212%
43	12.963	1940	1948	1951	rBV	21100	30279	1.05%	0.162%
44	13.000	1951	1954	1960	rVB	33721	39893	1.38%	0.213%
45	13.329	2004	2008	2013	rVB2	29753	40076	1.39%	0.214%
46	13.628	2047	2057	2063	rBV	384700	467682	16.17%	2.498%
47	13.817	2081	2088	2094	rBV	23879	35213	1.22%	0.188%
48	14.000	2109	2118	2126	rVB	134064	175926	6.08%	0.940%

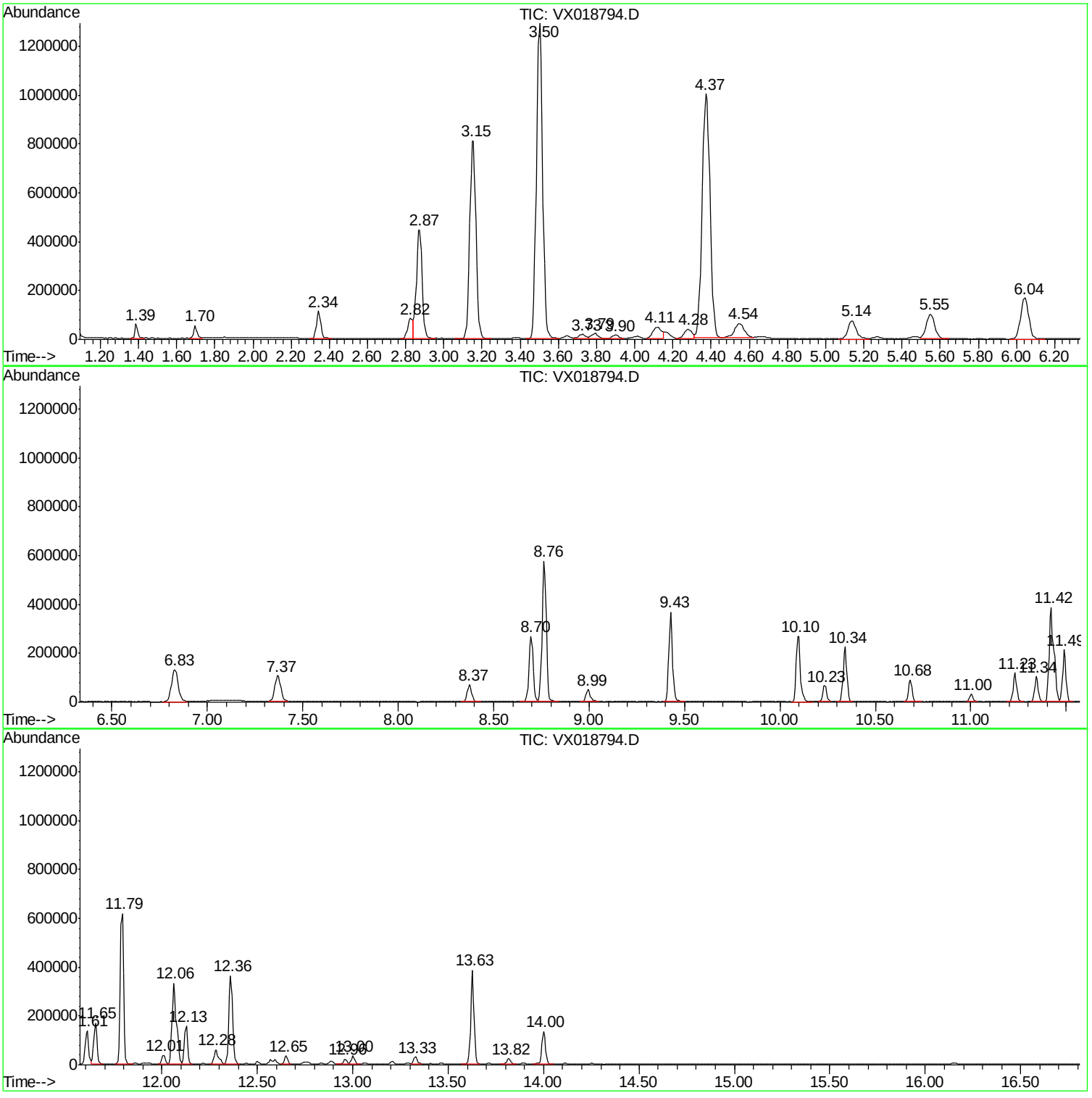
Sum of corrected areas: 18721379

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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 : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

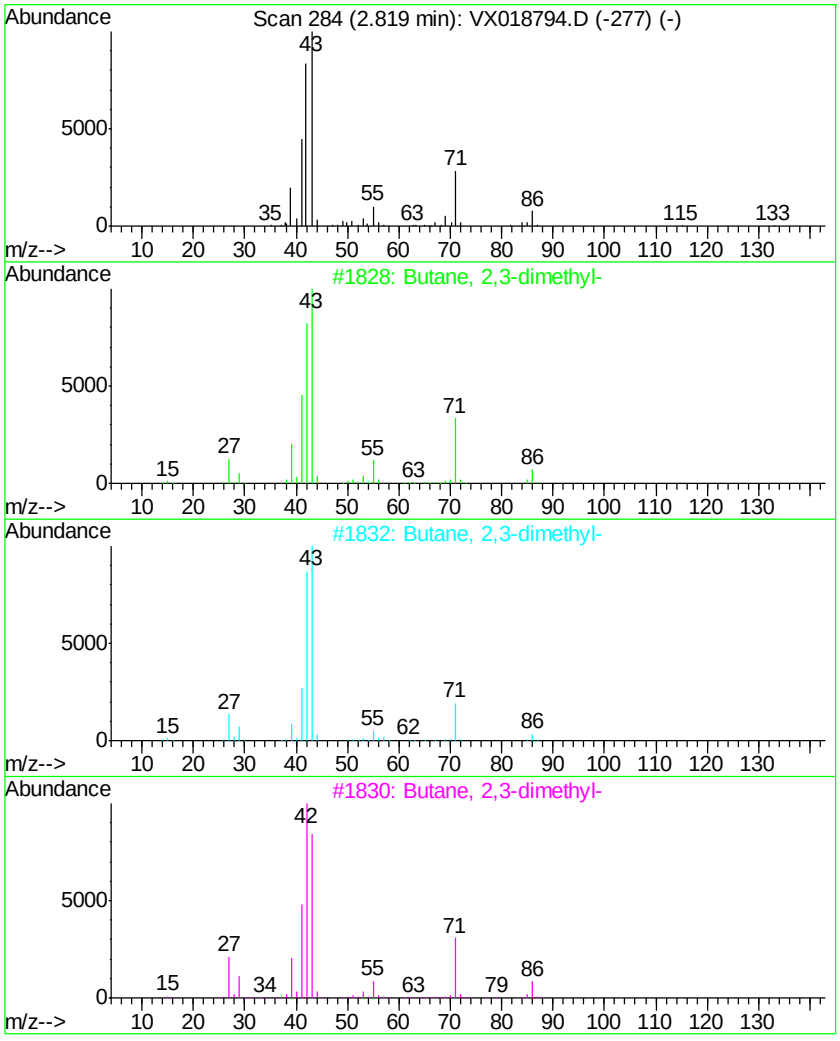
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

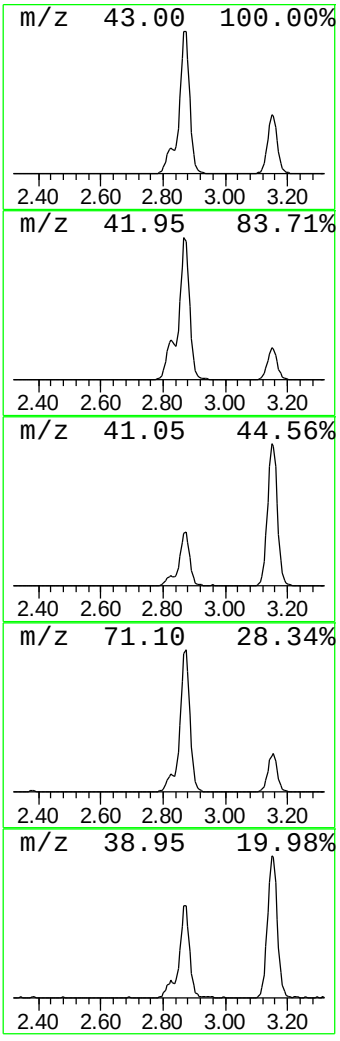
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.44 ug/L	159582	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
4	Pentane	72	C5H12	000109-66-0	36
5	Butane, 2-methyl-	72	C5H12	000078-78-4	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

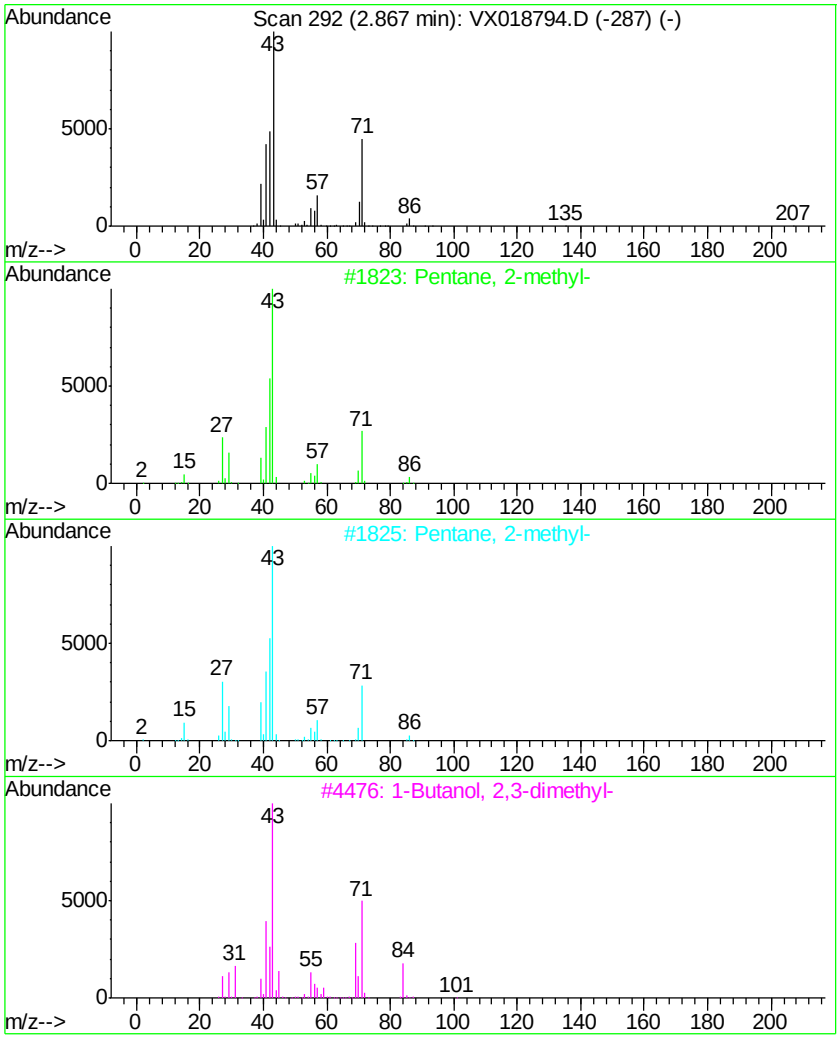
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

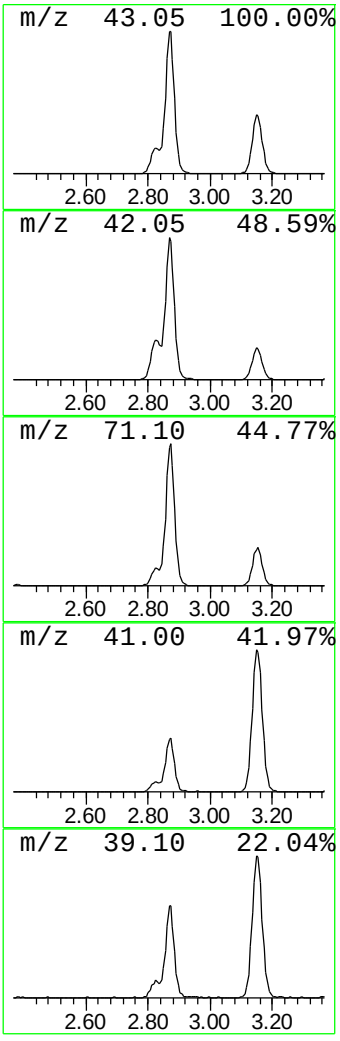
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	14.25 ug/L	933337	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	43
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

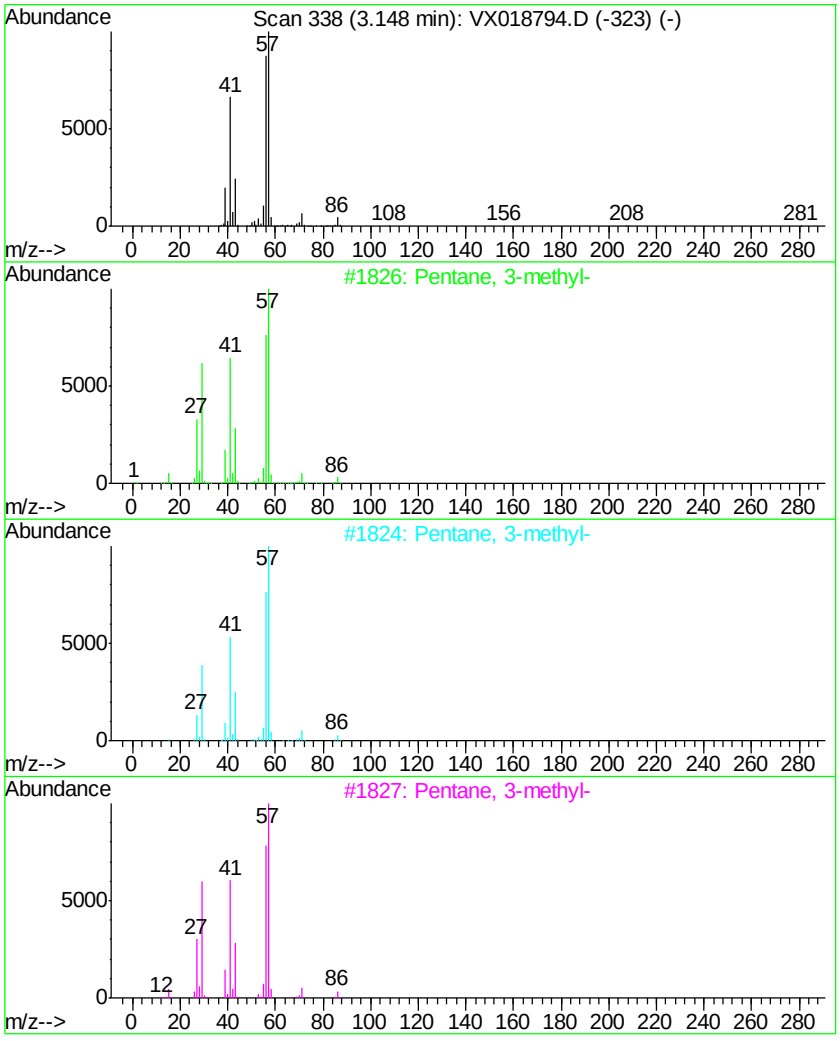
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

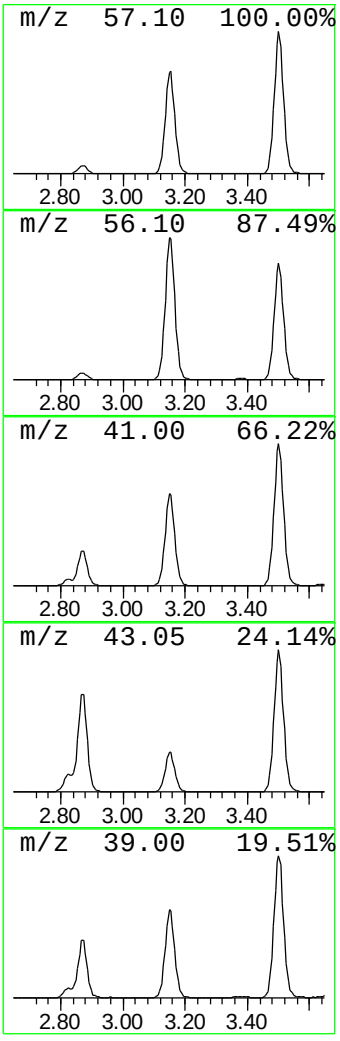
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	28.21 ug/L	1847270	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	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

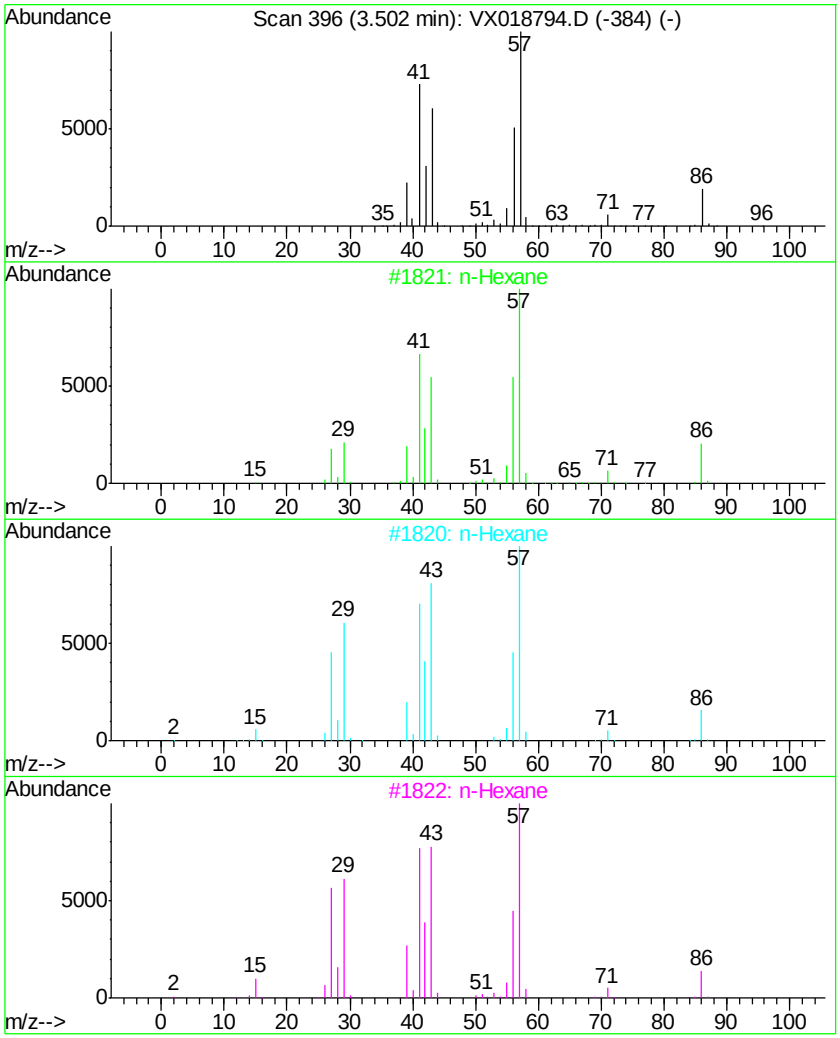
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

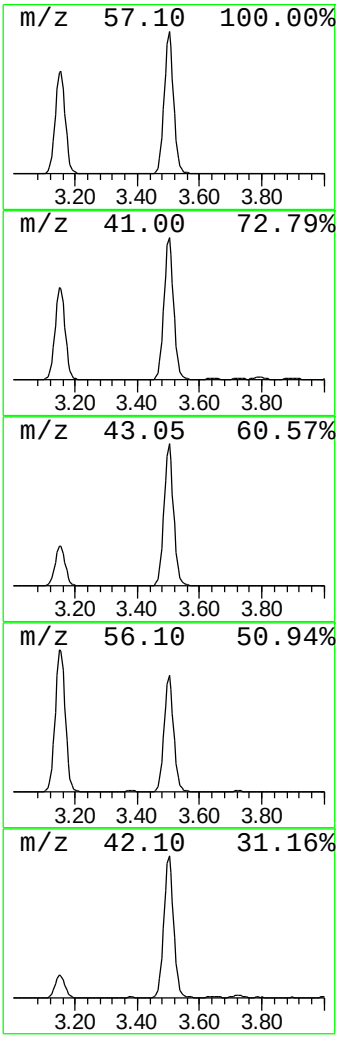
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	43.69 ug/L	2860410	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, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

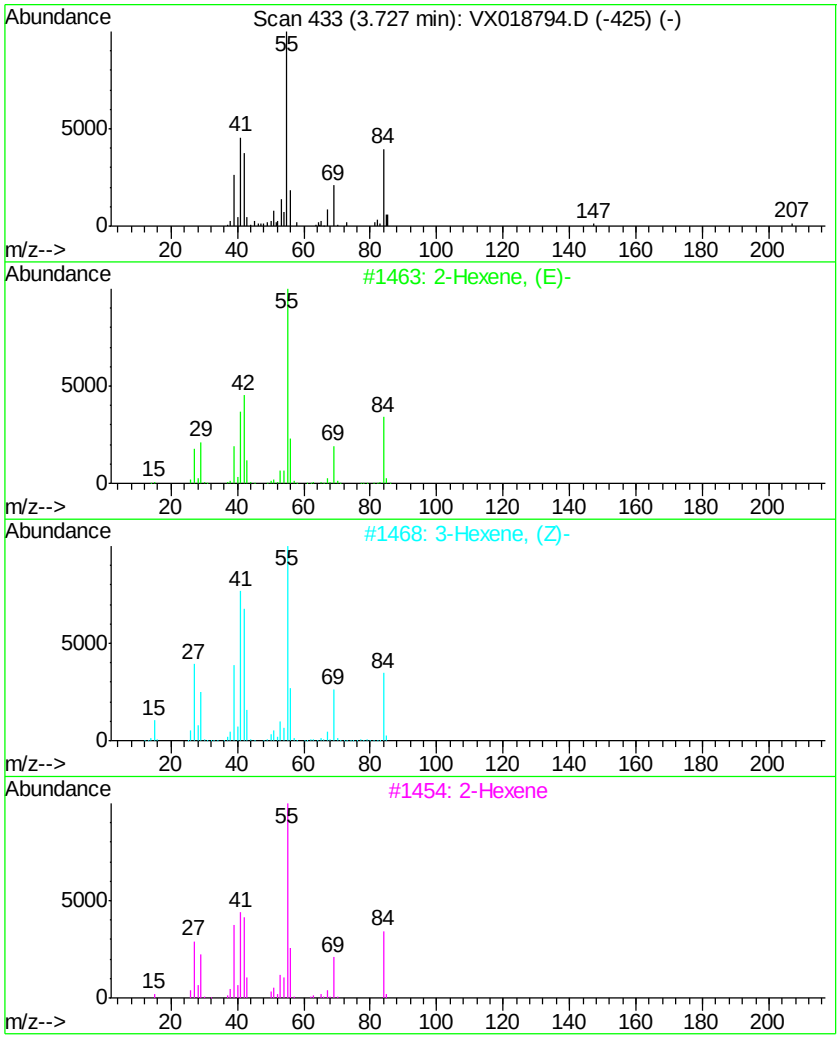
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

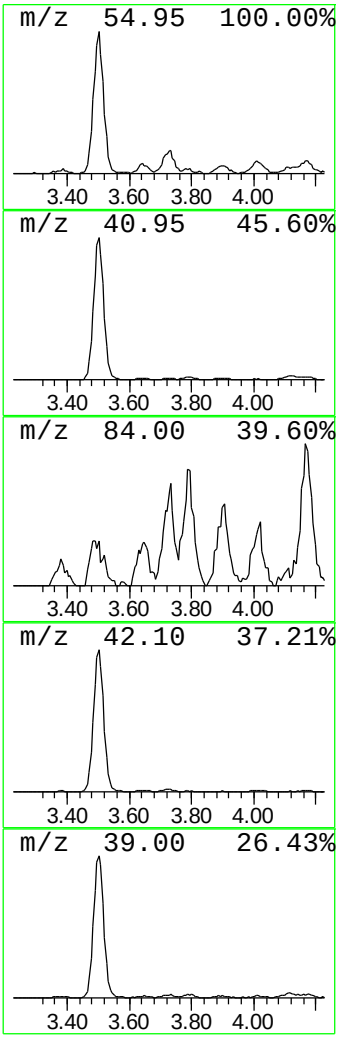
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	0.70 ug/L	45835	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (E)-	84	C6H12	004050-45-7	72
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	72
3	2-Hexene	84	C6H12	000592-43-8	59
4	3-Hexene	84	C6H12	000592-47-2	59
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

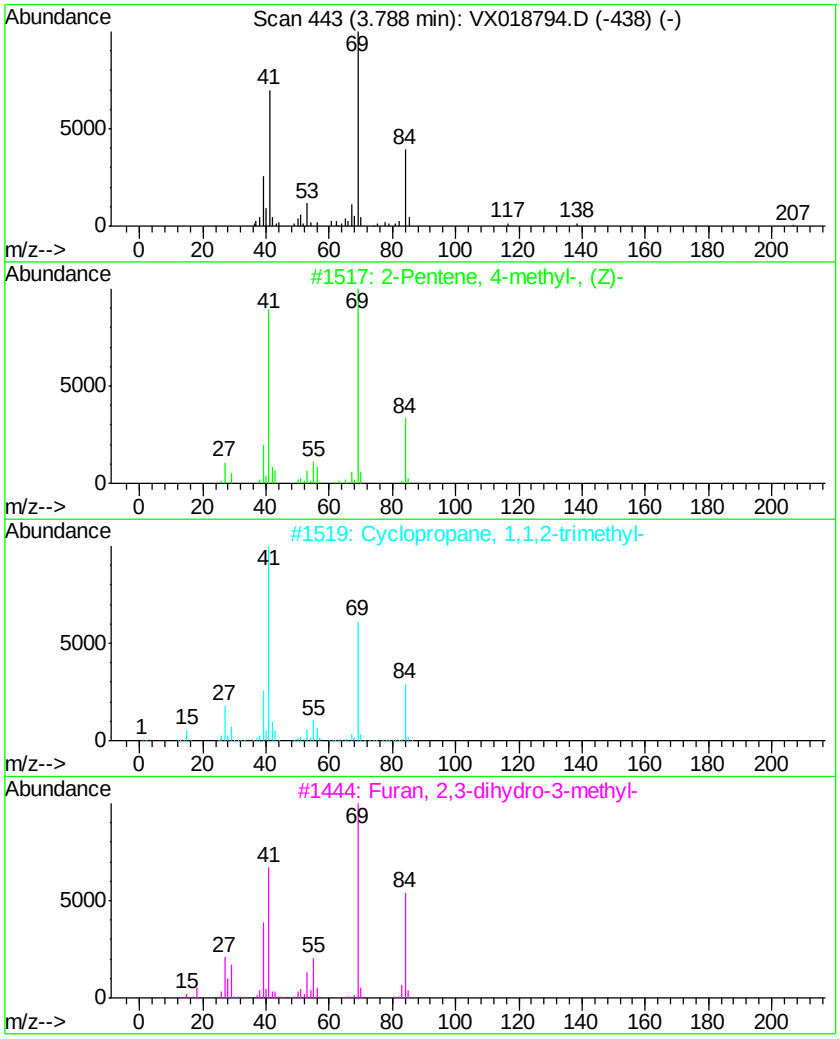
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

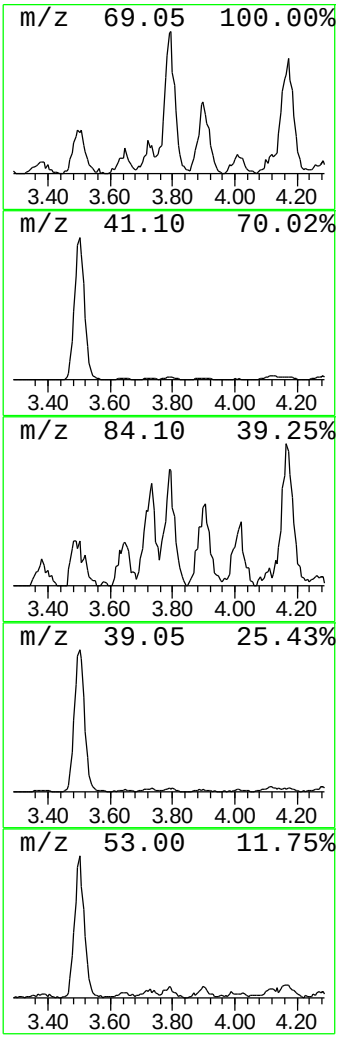
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.81 ug/L	52947	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	86
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	80
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

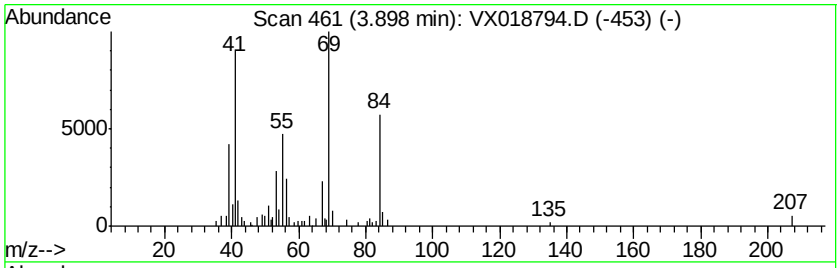
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

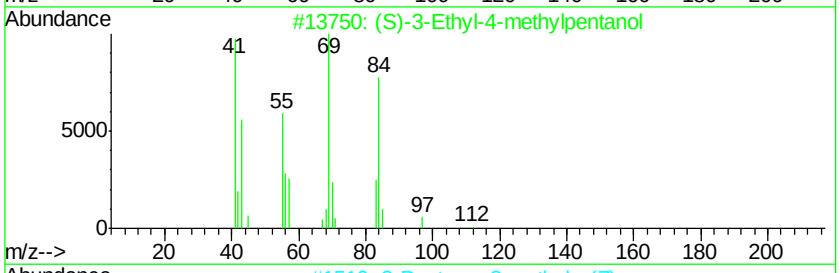
****

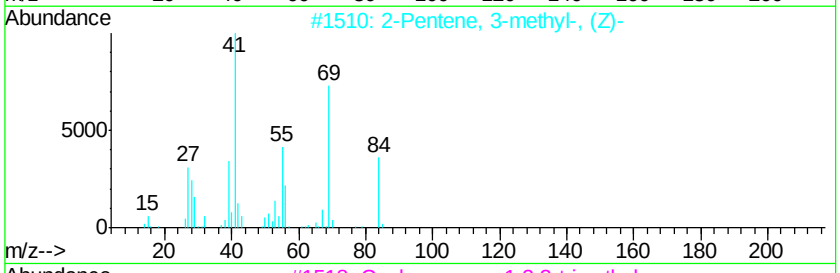
Peak Number 7 (S)-3-Ethyl-4-methylpentanol Concentration Rank 18

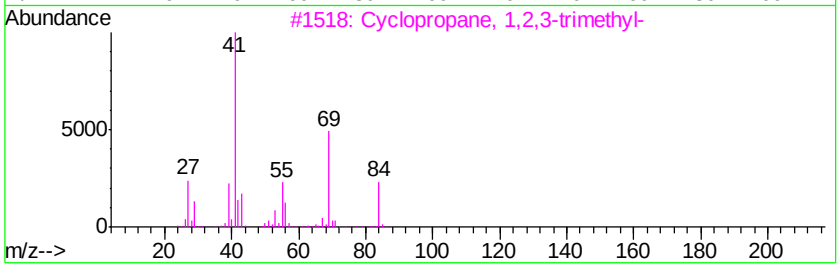
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	0.62 ug/L	40855	1,4-Difluorobenzene	6.83

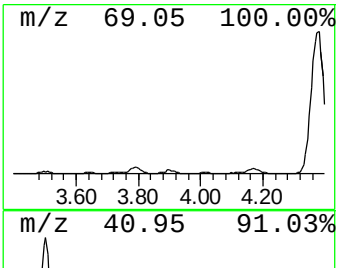
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	59
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	58
3	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	58
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	58
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	58

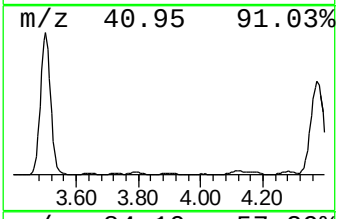


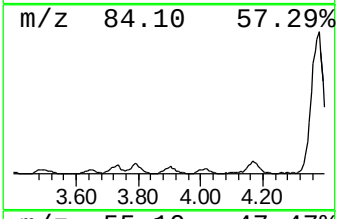


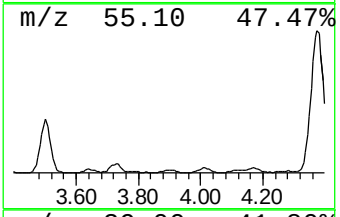


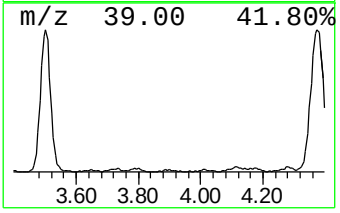












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

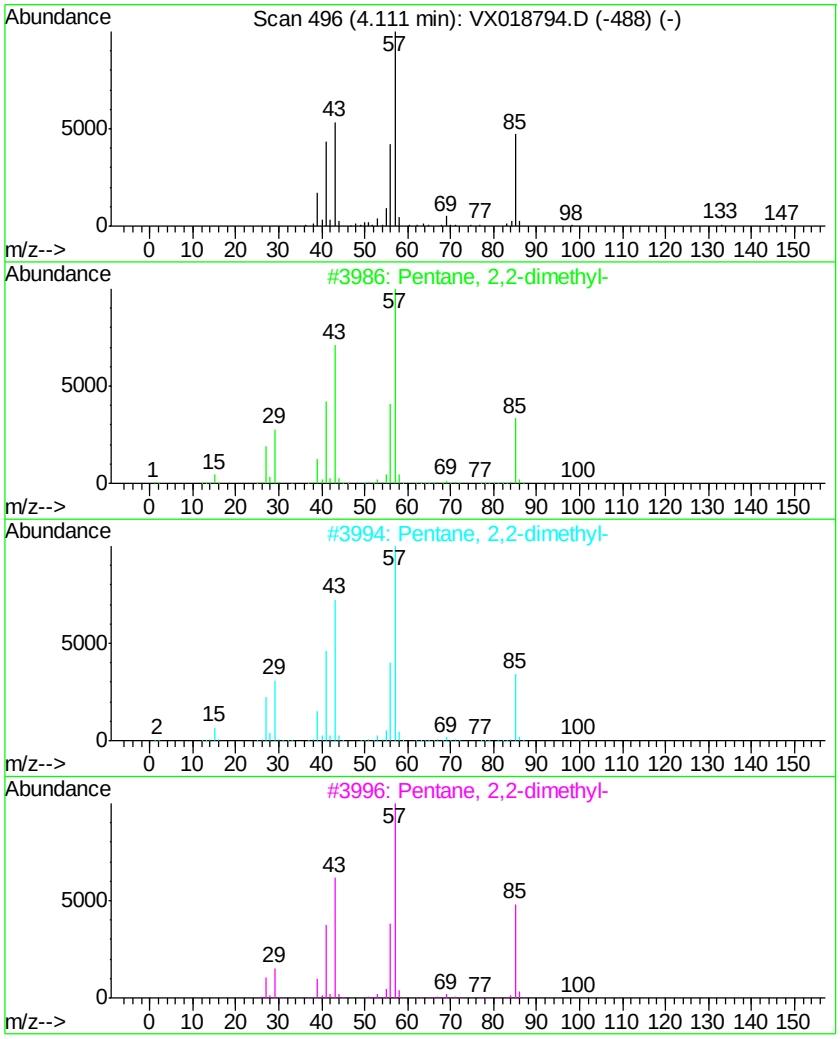
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

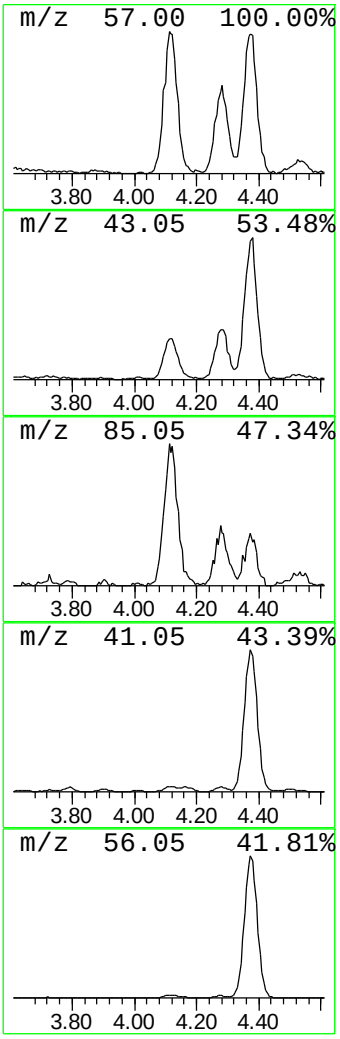
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	2.11 ug/L	137980	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
5	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

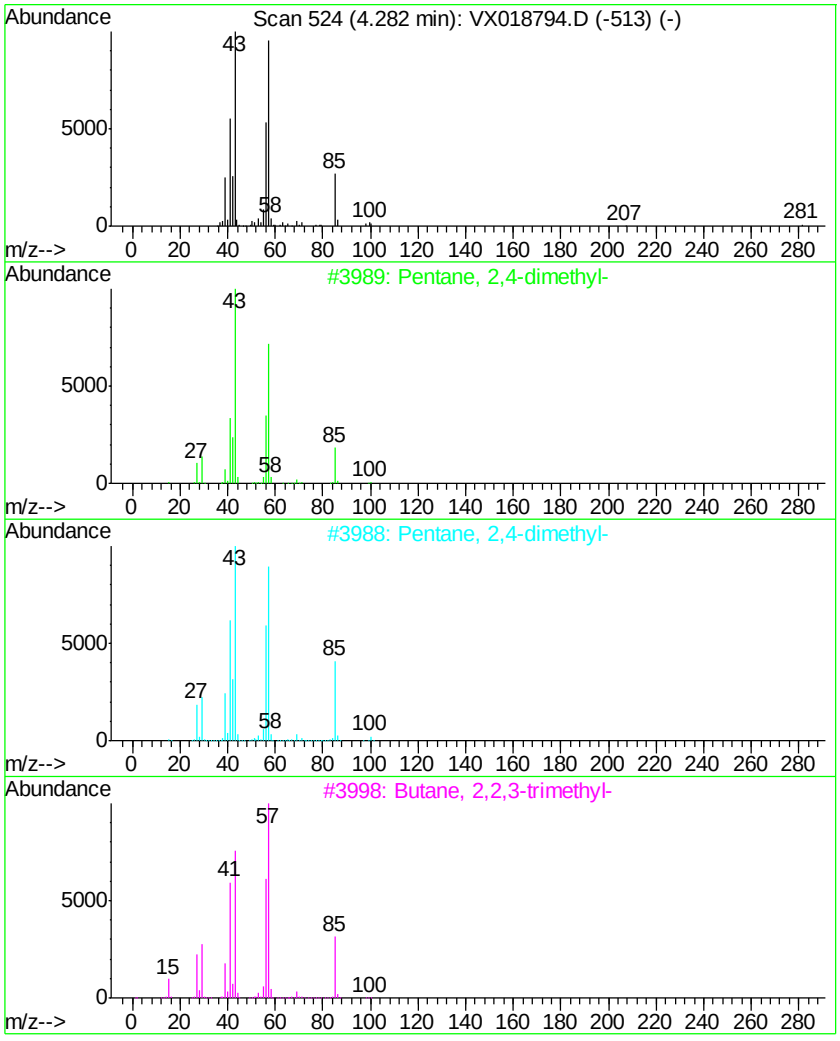
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

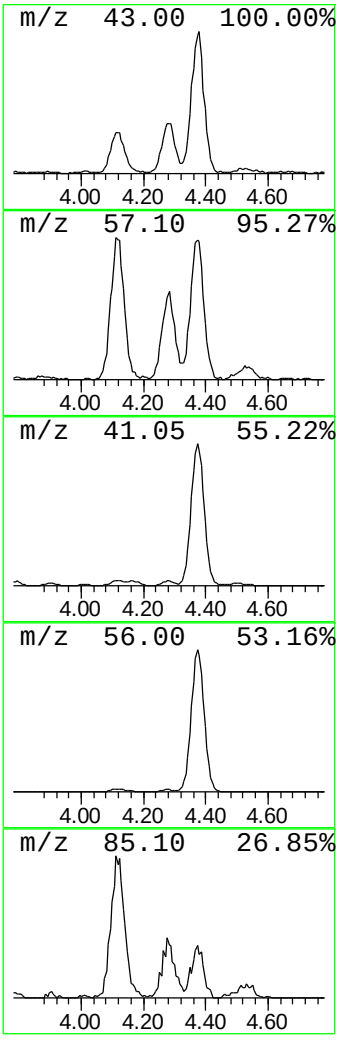
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.66 ug/L	108550	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

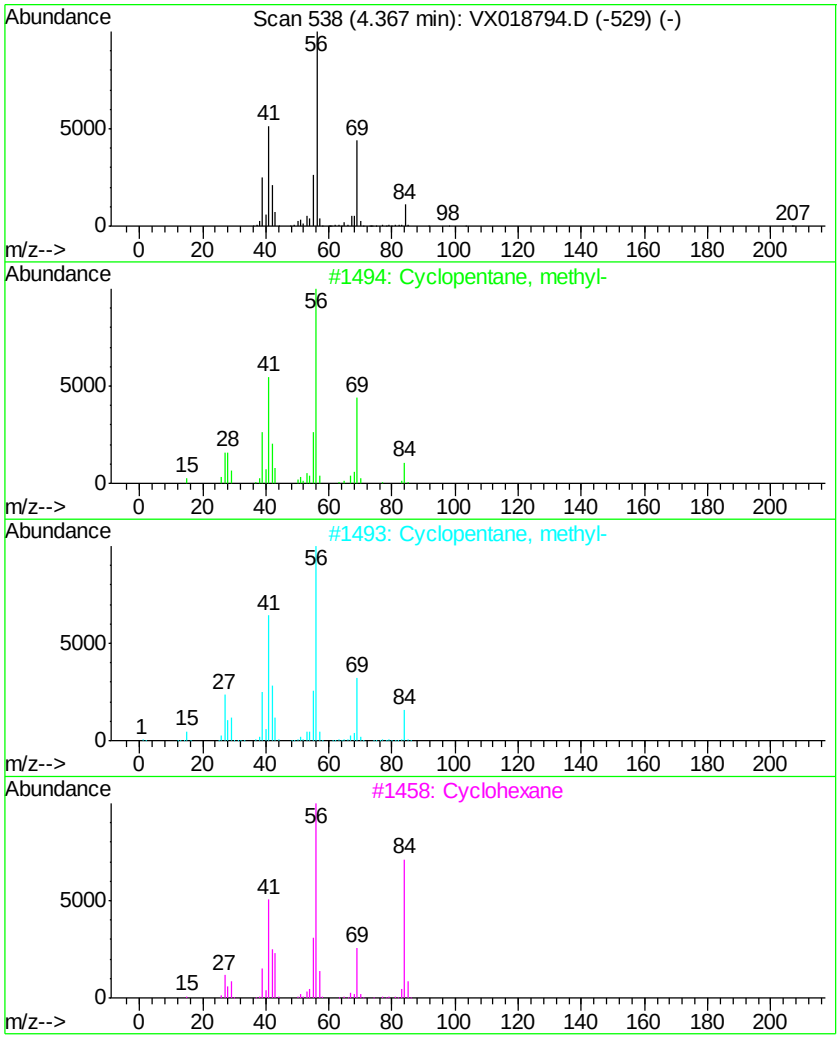
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

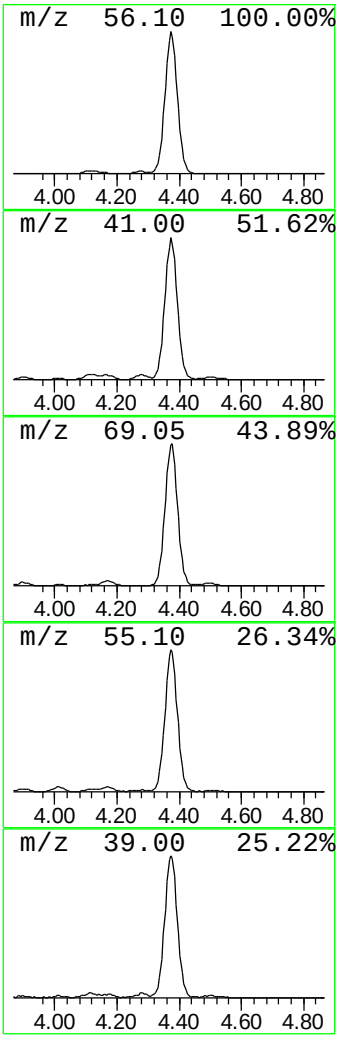
****

Peak Number 10 (DEL) Alkane: Cyclic4.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	44.18 ug/L	2893030	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 : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

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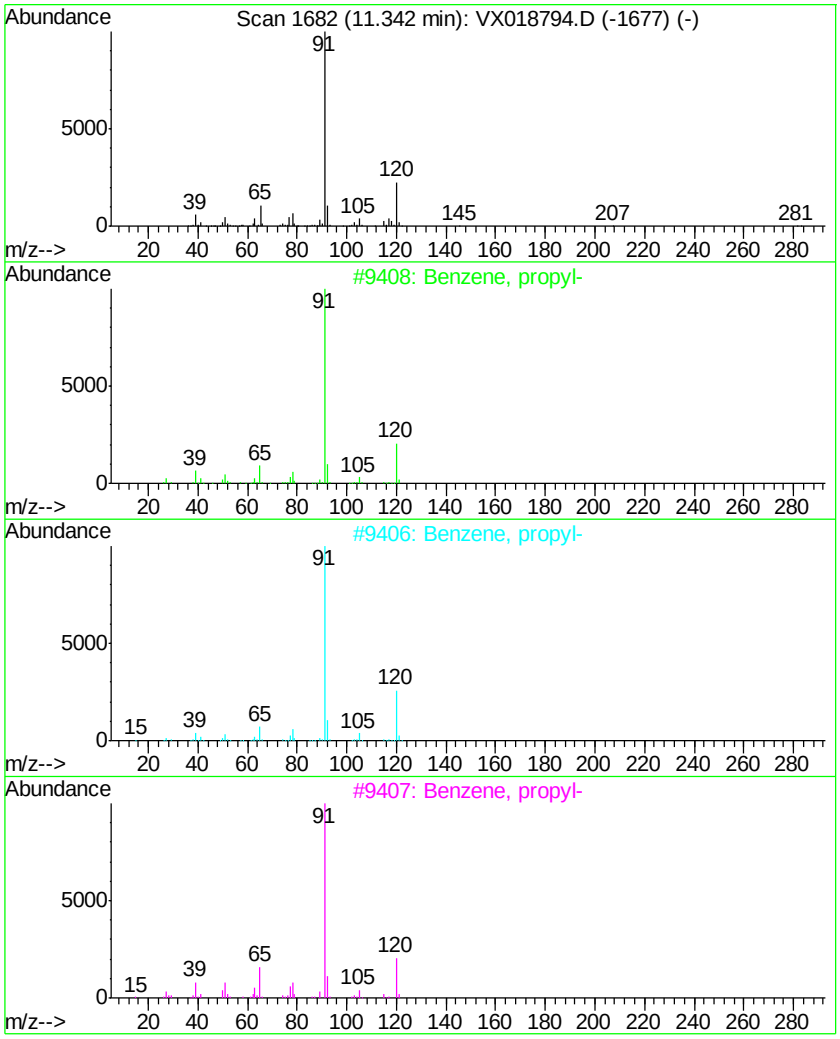
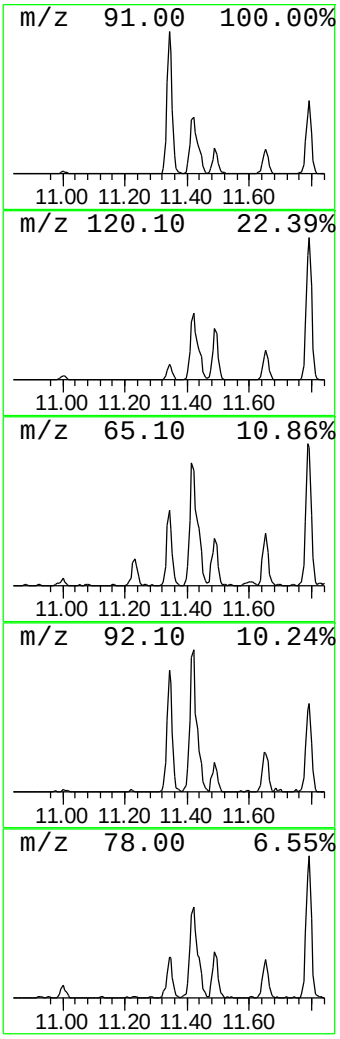
Peak Number 12 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.21 ug/L	131502	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	80
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

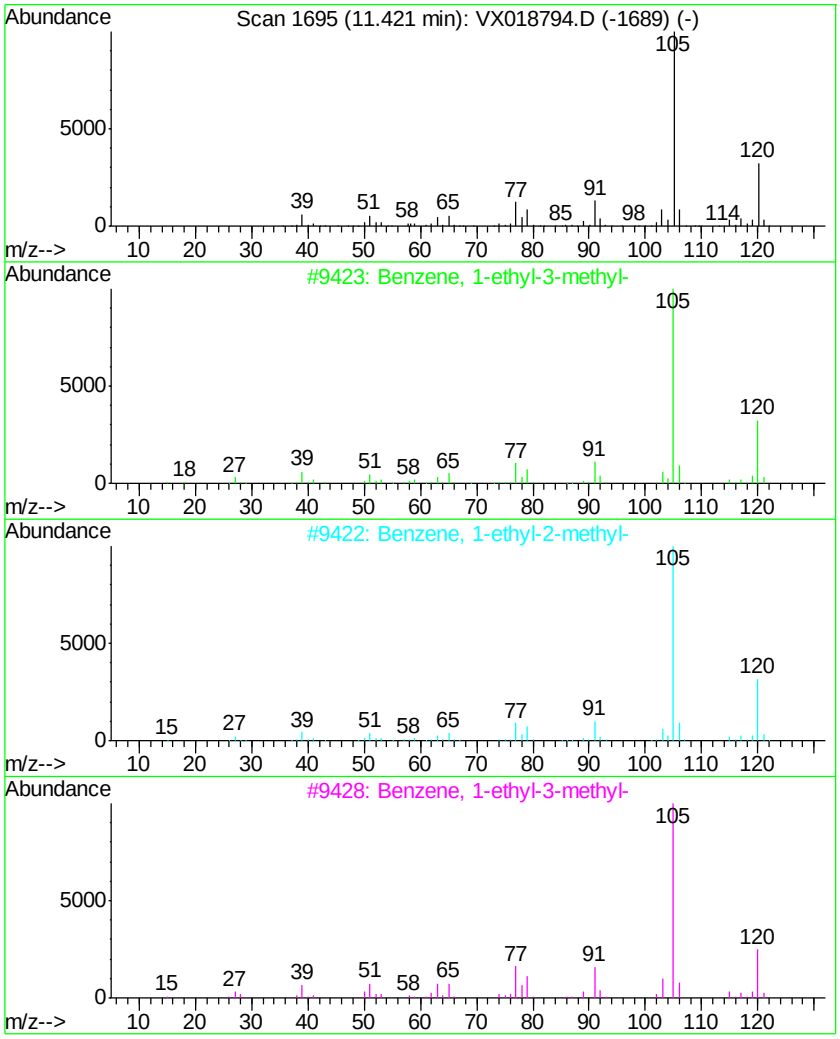
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

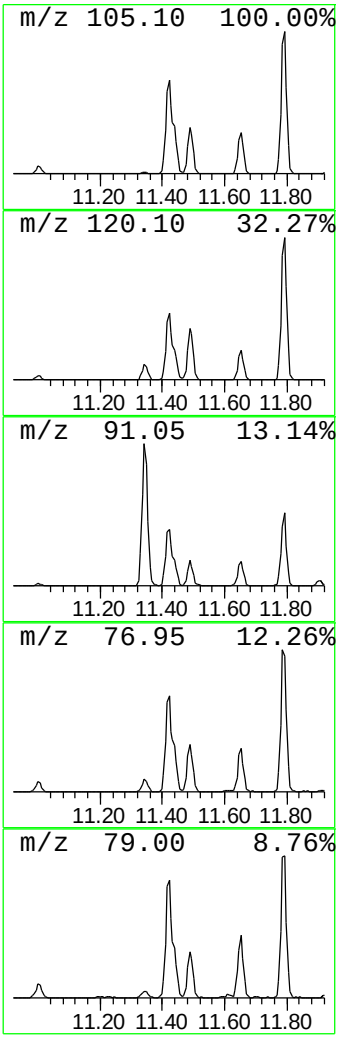
****

Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	6.23 ug/L	676702	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-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

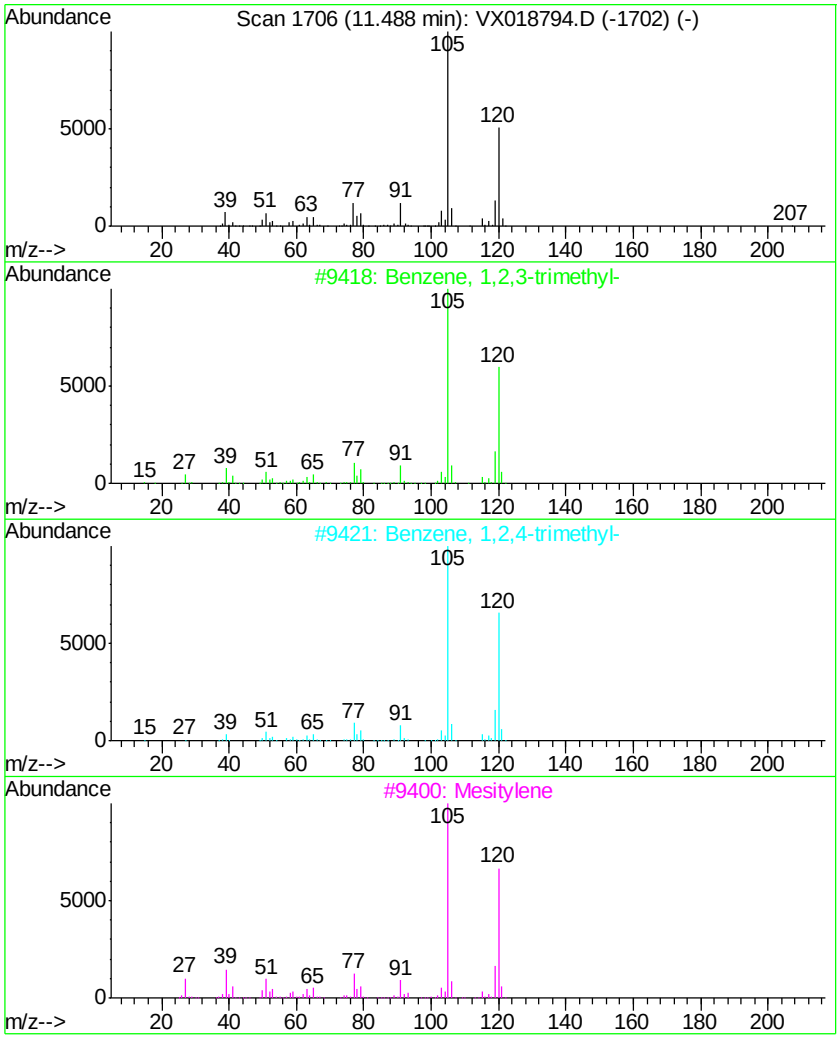
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

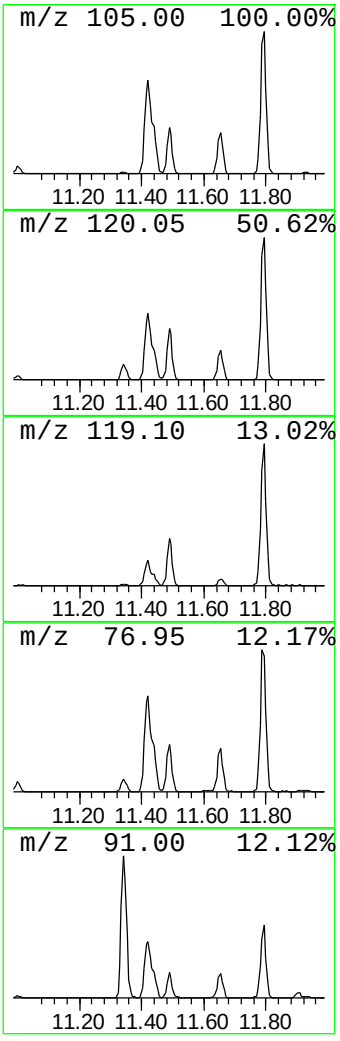
****

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.38 ug/L	257980	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	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

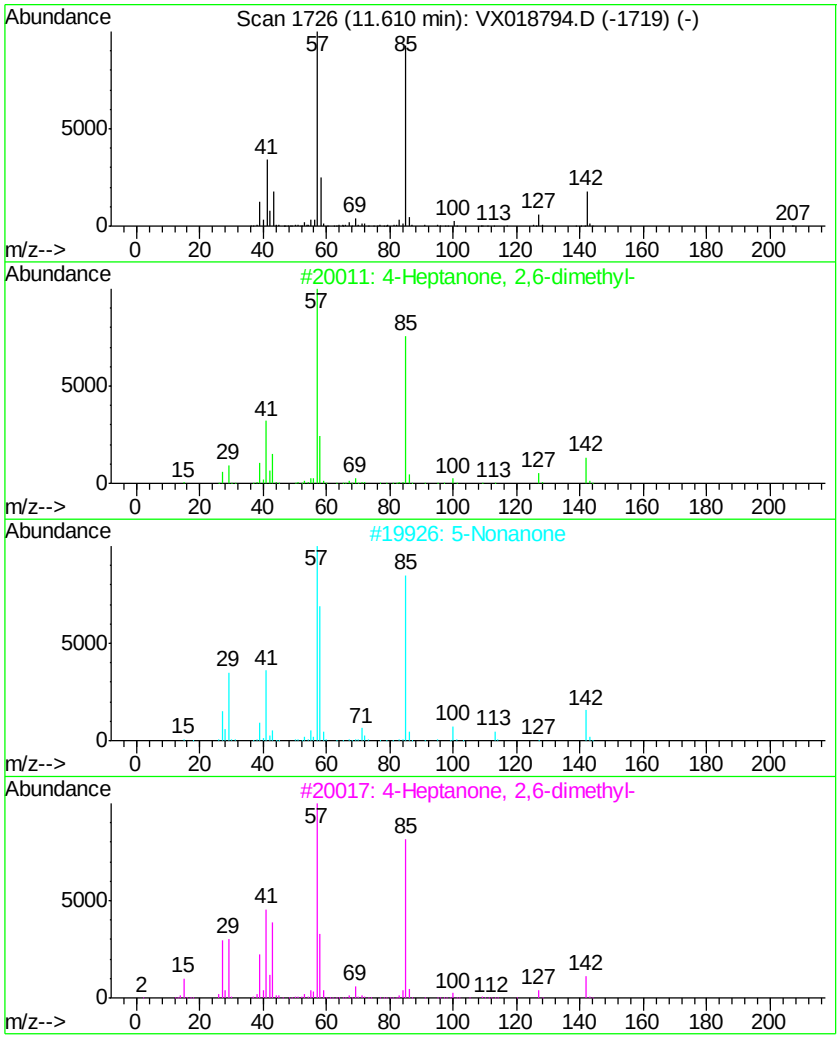
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

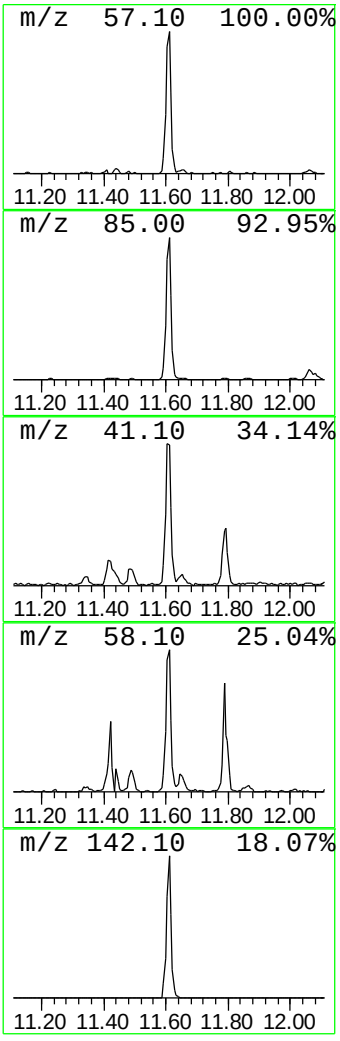
****

Peak Number 15 4-Heptanone, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	1.58 ug/L	171243	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	5-Nonanone	142	C9H18O	000502-56-7	59
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	56
4	Acetaldehyde, bis(1-methylethyl)...	142	C8H18N2	067660-50-8	45
5	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

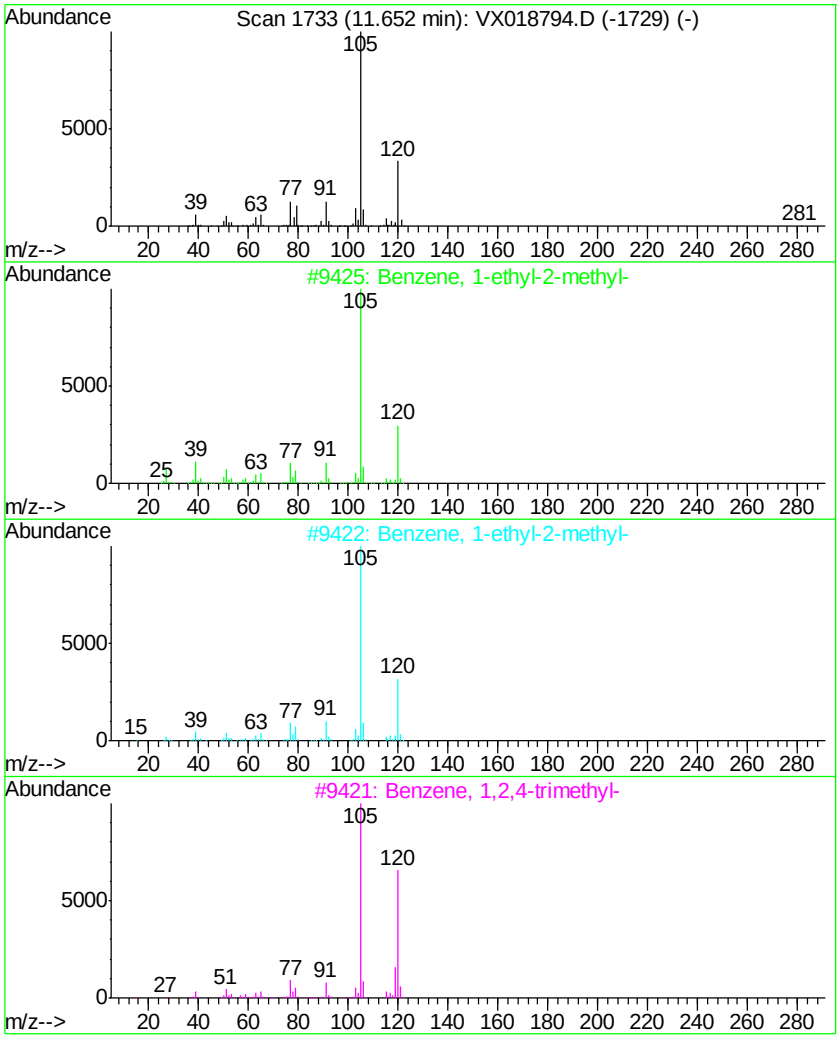
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

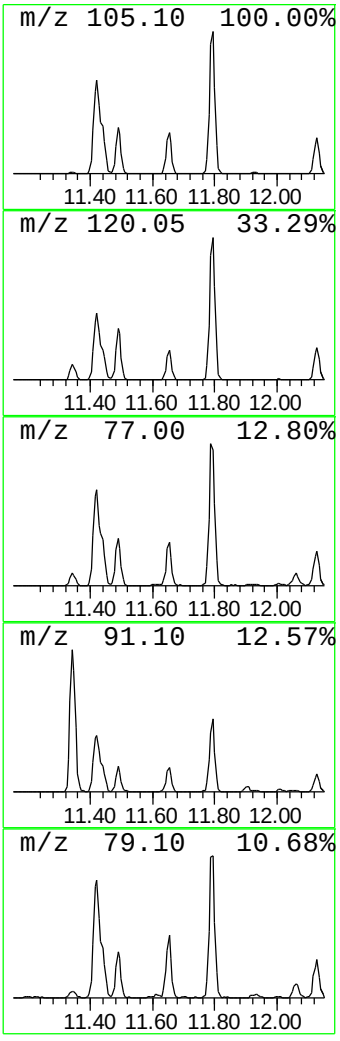
****

Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.99 ug/L	216011	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

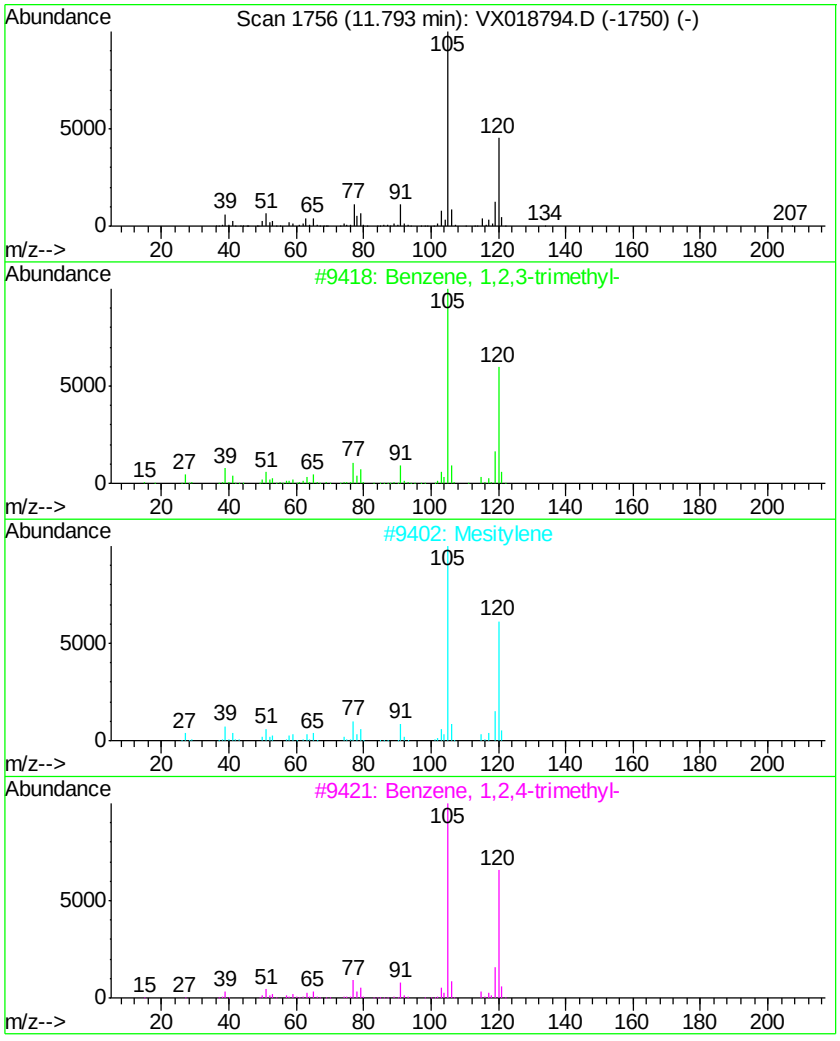
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

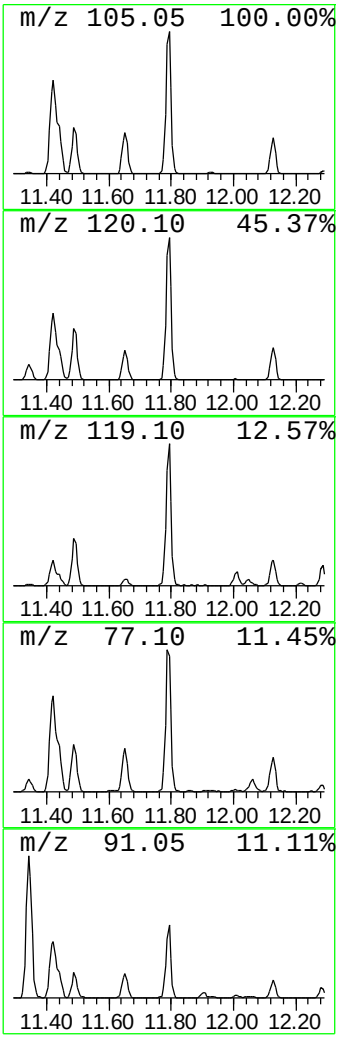
****

Peak Number 17 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.96 ug/L	755482	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	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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

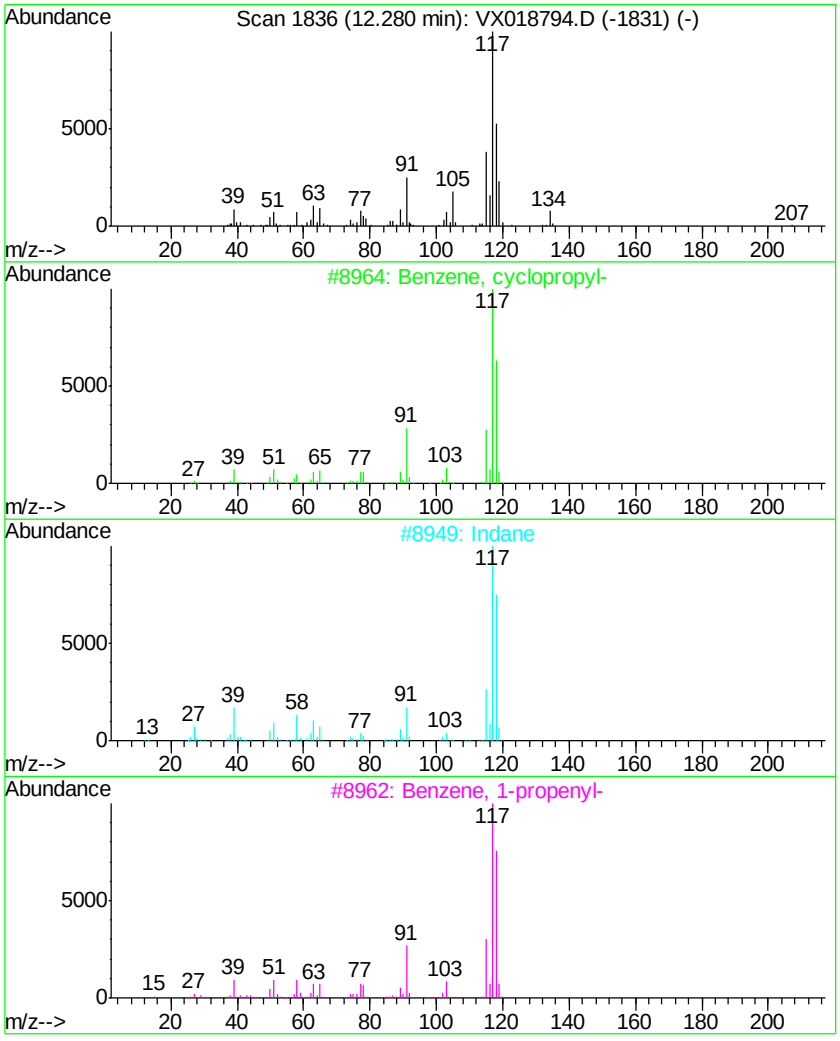
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

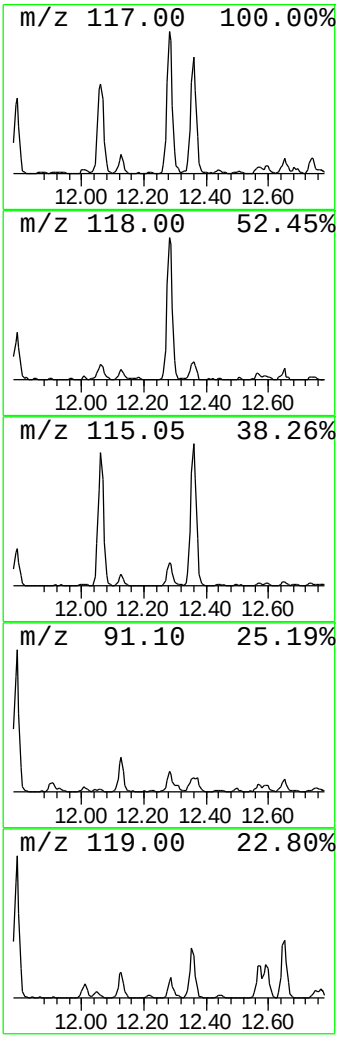
****

Peak Number 18 Benzene, cyclopropyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.94 ug/L	101767	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	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 : VX018794.D
Acq On : 06 Oct 2020 12:59
Operator : JC/SP
Sample : L4240-01DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q7DL

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	2.4	ug/L	159582	1	6.83	327388	5.0
(DEL) Alkane: Str...	2.87	14.3	ug/L	933337	1	6.83	327388	5.0
(DEL) Alkane: Str...	3.15	28.2	ug/L	1847270	1	6.83	327388	5.0
(DEL) Alkane: Str...	3.50	43.7	ug/L	2860410	1	6.83	327388	5.0
(DEL) Alkane: Str...	3.73	0.7	ug/L	45835	1	6.83	327388	5.0
(DEL) Alkane: Str...	3.79	0.8	ug/L	52947	1	6.83	327388	5.0
(S)-3-Ethyl-4-met...	3.90	0.6	ug/L	40855	1	6.83	327388	5.0
(DEL) Alkane: Str...	4.11	2.1	ug/L	137980	1	6.83	327388	5.0
(DEL) Alkane: Str...	4.28	1.7	ug/L	108550	1	6.83	327388	5.0
(DEL) Alkane: Cyc...	4.37	44.2	ug/L	2893030	1	6.83	327388	5.0
Benzene, propyl-	11.34	1.2	ug/L	131502	3	12.06	542825	5.0
Benzene, 1-ethyl-...	11.42	6.2	ug/L	676702	3	12.06	542825	5.0
Benzene, 1,2,3-tr...	11.49	2.4	ug/L	257980	3	12.06	542825	5.0
4-Heptanone, 2,6-...	11.61	1.6	ug/L	171243	3	12.06	542825	5.0
Benzene, 1-ethyl-...	11.65	2.0	ug/L	216011	3	12.06	542825	5.0
Mesitylene	11.79	7.0	ug/L	755482	3	12.06	542825	5.0
Benzene, cyclopro...	12.28	0.9	ug/L	101767	3	12.06	542825	5.0