LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMVLM121020WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.109	3	6	17	rVB	122690	102394	0.03%	0.025%
2	1.309	60	68	79	rVB	382334	406744	0.14%	0.101%
3	1.569	142	149	160	rBV	269320	310200	0.10%	0.077%
4	2.116	308	319	364	rVB3	942088	1737225	0.58%	0.431%
5	2.299	371	376	386	rVB	9952	14416	0.00%	0.004%
6	2.537	430	450	473	rVB	212796	436172	0.15%	0.108%
7	2.679	492	494	500	rVB6	1260	1182	0.00%	0.000%
8	2.765	507	521	540	rVV	414385	829594	0.28%	0.206%
9	2.962	573	582	592	rVB8	3540	6488	0.00%	0.002%
10	3.045	592	608	636	rBV	1057080	2104638	0.70%	0.522%
11	3.196	646	655	674	rVB	11146	24777	0.01%	0.006%
12	3.531	755	759	763	rVB5	799	799	0.00%	0.000%
13	3.556	764	767	771	rVB4	1113	820	0.00%	0.000%
14	3.769	810	833	861	rBV	840863	2151487	0.72%	0.533%
15	3.913	861	878	917	rBV2	532052	1524838	0.51%	0.378%
16	4.354	999	1015	1043	rVV	402164	983376	0.33%	0.244%
17	4.685	1104	1118	1135	rVV3	13650	33560	0.01%	0.008%
18	4.833	1159	1164	1169	rVB7	1499	1787	0.00%	0.000%
19	4.916	1186	1190	1193	rBV5	1050	957	0.00%	0.000%
20	5.051	1212	1232	1239	rBV2	973143	2391828	0.80%	0.593%
21	5.106	1240	1249	1279	rVB	3096432	6625460	2.21%	1.643%
22	5.621	1396	1409	1433	rBV	859021	1714907	0.57%	0.425%
23	5.801	1463	1465	1471	rBV6	840	755	0.00%	0.000%
24	5.923	1484	1503	1537	rBV	33998350	67896111	22.62%	16.835%
25	6.077	1540	1551	1583	rVB	556844	1162032	0.39%	0.288%
26	6.775	1763	1768	1769	rBV4	1827	1442	0.00%	0.000%
27	6.926	1812	1815	1818	rBV3	1107	824	0.00%	0.000%
28	6.990	1822	1835	1859	rBV	332532	596561	0.20%	0.148%
29	7.241	1907	1913	1917	rBV7	2061	2148	0.00%	0.001%
30	7.260	1917	1919	1924	rVB5	1581	917	0.00%	0.000%
31	7.321	1925	1938	1953	rBV	1162589	2001801	0.67%	0.496%
32	7.395	1954	1961	1979	rVB	85659	157042	0.05%	0.039%
33	7.479	1983	1987	1989	rBV4	1859	1474	0.00%	0.000%
34	7.627	2021	2033	2055	rBV	241666	427470	0.14%	0.106%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
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Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMVLM121020WMA.M
Title : VOC Analysis

35	7.913	2113	2122	2125	rBV7	972	1498	0.00%	0.000%
36	8.022	2125	2156	2170	rBV6	90182385	300162009	100.00%	74.428%
37	8.093	2171	2178	2212	rVB	695431	1450780	0.48%	0.360%
38	8.855	2403	2415	2444	rBV	1312991	2110786	0.70%	0.523%
39	9.022	2460	2467	2480	rVB2	17768	28515	0.01%	0.007%
40	9.145	2495	2505	2517	rVB2	53243	89680	0.03%	0.022%
41	9.389	2577	2581	2583	rBV4	1075	874	0.00%	0.000%
42	9.489	2608	2612	2614	rBV4	1242	1047	0.00%	0.000%
43	9.550	2622	2631	2646	rVB	47381	75252	0.03%	0.019%
44	9.717	2677	2683	2687	rBV6	1771	2301	0.00%	0.001%
45	9.817	2706	2714	2726	rBV6	5776	11136	0.00%	0.003%
46	9.932	2747	2750	2751	rBV3	1849	932	0.00%	0.000%
47	9.977	2761	2764	2770	rVB6	1334	1414	0.00%	0.000%
48	10.218	2827	2839	2858	rBV	744912	1167188	0.39%	0.289%
49	10.363	2875	2884	2895	rBV3	7439	13998	0.00%	0.003%
50	10.453	2903	2912	2928	rBV	18698	43438	0.01%	0.011%
51	10.546	2933	2941	2949	rVB2	8728	14474	0.00%	0.004%
52	10.743	2994	3002	3016	rVB2	14275	24192	0.01%	0.006%
53	10.858	3033	3038	3041	rBV5	2298	2343	0.00%	0.001%
54	10.919	3048	3057	3076	rVB	71772	111088	0.04%	0.028%
55	11.090	3106	3110	3118	rBV9	2259	2344	0.00%	0.001%
56	11.157	3122	3131	3139	rBV10	9802	18393	0.01%	0.005%
57	11.254	3149	3161	3180	rBV	1336472	2062554	0.69%	0.511%
58	11.341	3182	3188	3202	rVB	19748	30783	0.01%	0.008%
59	11.537	3239	3249	3258	rBV2	23554	42522	0.01%	0.011%
60	11.630	3266	3278	3301	rVB	1169462	1835972	0.61%	0.455%
61	11.826	3332	3339	3348	rVB4	3868	6067	0.00%	0.002%
62	11.916	3359	3367	3372	rBV4	9702	15238	0.01%	0.004%
63	12.022	3392	3400	3408	rBV	11181	17833	0.01%	0.004%
64	12.122	3422	3431	3441	rBV4	7440	13478	0.00%	0.003%
65	12.247	3458	3470	3475	rBV8	4296	8197	0.00%	0.002%
66	12.321	3488	3493	3495	rBV4	2528	2653	0.00%	0.001%
67	12.350	3496	3502	3511	rVB4	15737	22179	0.01%	0.005%
68	12.418	3516	3523	3532	rVV2	16376	23735	0.01%	0.006%
69	12.469	3532	3539	3549	rVB	15633	23360	0.01%	0.006%
70	12.556	3558	3566	3573	rBV10	2176	3809	0.00%	0.001%
71	12.652	3590	3596	3597	rBV6	1995	1870	0.00%	0.000%

LSC Area Percent Report

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Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMVLM121020WMA.M
Title : VOC Analysis

72	12.730	3615	3620	3630	rVB6	7212	10463	0.00%	0.003%
73	12.797	3638	3641	3643	rBV3	1306	770	0.00%	0.000%
74	12.855	3650	3659	3660	rBV8	2805	3019	0.00%	0.001%
75	12.887	3662	3669	3678	rVB2	18332	27326	0.01%	0.007%
76	13.003	3701	3705	3710	rVB6	1415	1410	0.00%	0.000%
77	13.051	3712	3720	3729	rVB6	3716	5334	0.00%	0.001%
78	13.167	3751	3756	3757	rBV4	1442	1276	0.00%	0.000%
79	13.205	3765	3768	3769	rBV2	1181	786	0.00%	0.000%
80	13.225	3770	3774	3778	rVB6	1998	1802	0.00%	0.000%
81	13.273	3782	3789	3797	rBV6	8885	13795	0.00%	0.003%
82	13.376	3817	3821	3826	rBV7	1133	1246	0.00%	0.000%
83	13.402	3826	3829	3835	rVB5	2087	2173	0.00%	0.001%
84	13.508	3853	3862	3874	rBV	53102	87028	0.03%	0.022%
85	13.607	3890	3893	3895	rBV3	1258	870	0.00%	0.000%
86	13.717	3918	3927	3931	rBV7	3050	3650	0.00%	0.001%
87	13.746	3931	3936	3941	rBV7	1674	2096	0.00%	0.001%
88	13.836	3962	3964	3971	rVB7	1348	1071	0.00%	0.000%
89	13.910	3983	3987	3989	rVV4	1095	863	0.00%	0.000%
90	13.935	3993	3995	4000	rBV4	962	769	0.00%	0.000%
91	14.019	4018	4021	4025	rVB5	1176	827	0.00%	0.000%
92	14.106	4039	4048	4049	rBV6	2351	2934	0.00%	0.001%
93	14.241	4082	4090	4095	rVV10	2560	3539	0.00%	0.001%
94	14.299	4103	4108	4112	rBV7	940	1020	0.00%	0.000%
95	14.640	4206	4214	4224	rVB7	6132	10486	0.00%	0.003%
96	14.823	4264	4271	4280	rBV4	5449	9120	0.00%	0.002%
97	14.916	4296	4300	4302	rBV3	1320	960	0.00%	0.000%
98	14.961	4310	4314	4317	rBV4	1207	1060	0.00%	0.000%
99	15.199	4385	4388	4392	rBV3	1247	834	0.00%	0.000%
100	15.260	4404	4407	4411	rVB4	1359	808	0.00%	0.000%

Sum of corrected areas: 403293493

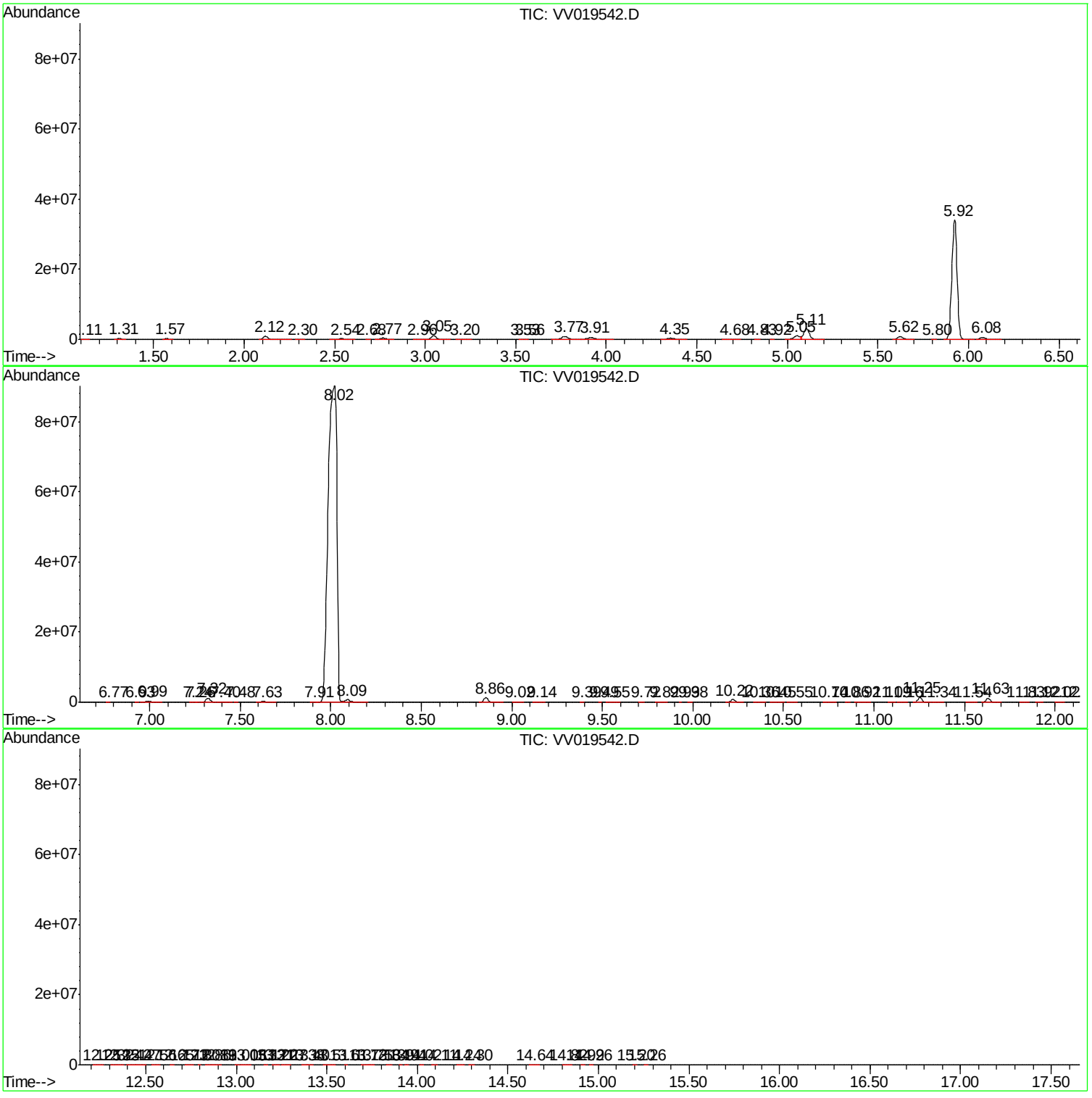
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

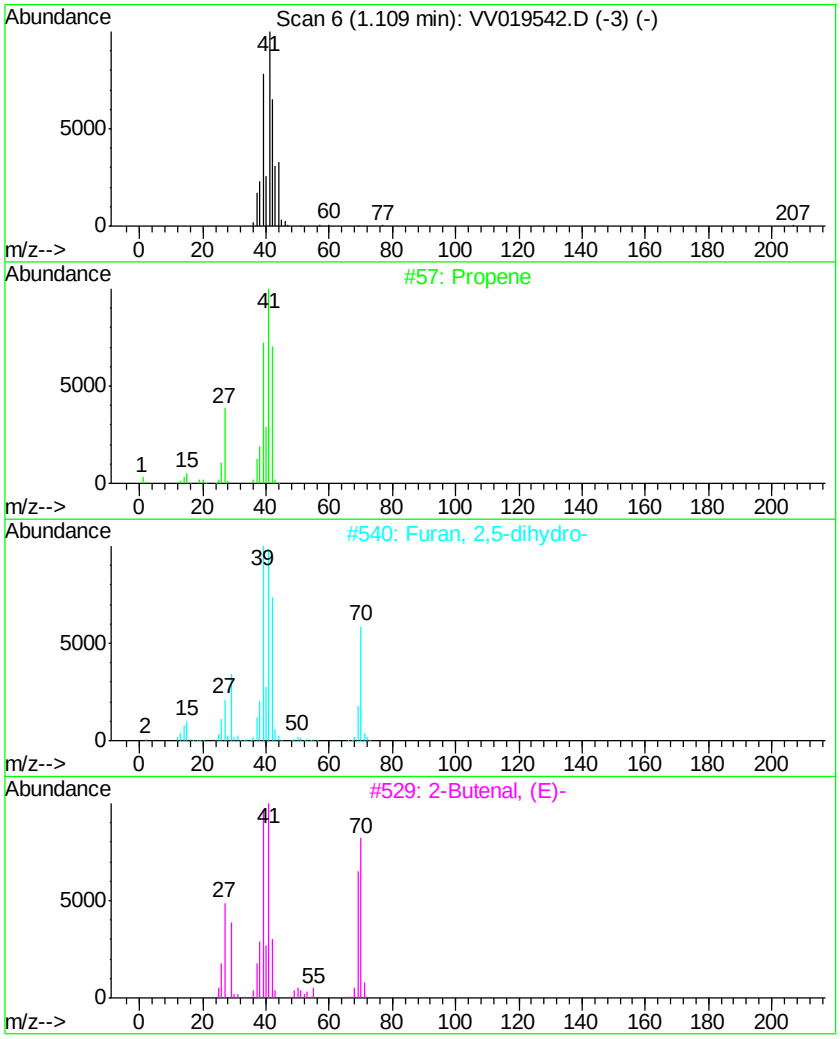
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

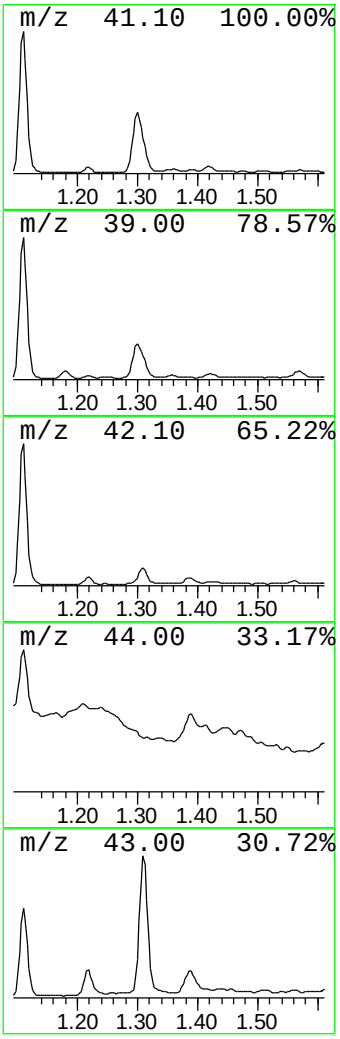
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.99 ug/L	102394	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	78
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	64
5	3-Butenoic acid	86	C4H6O2	000625-38-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

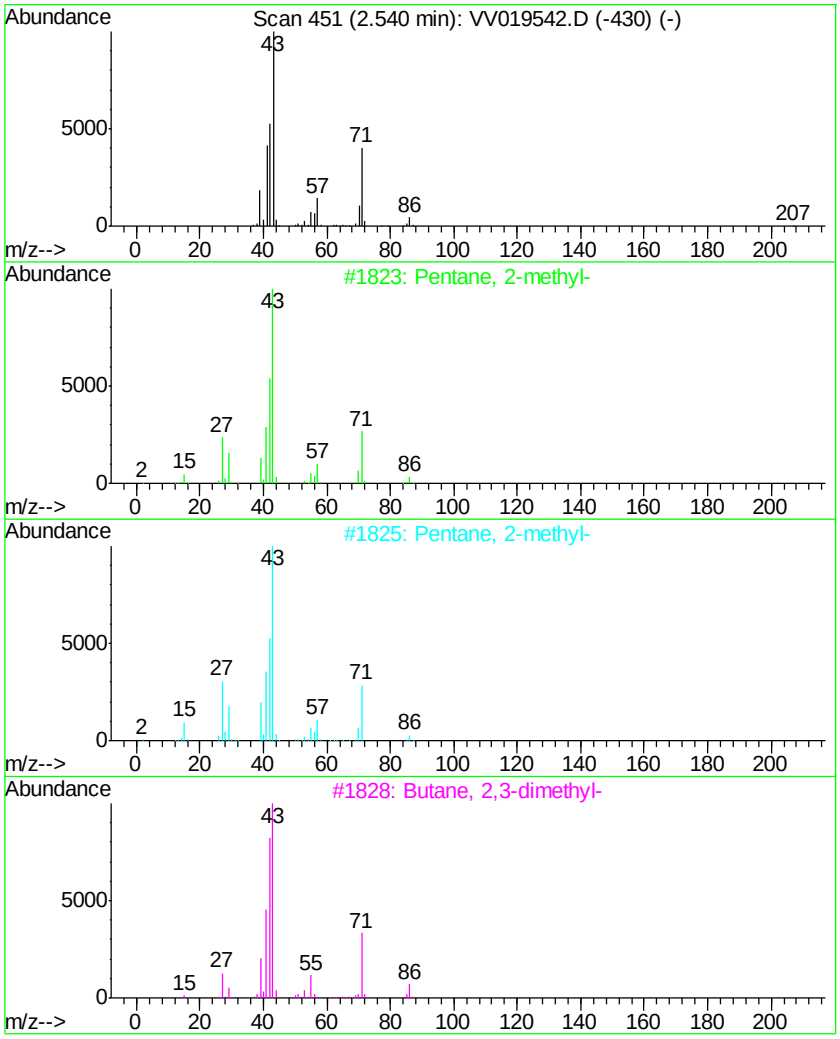
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

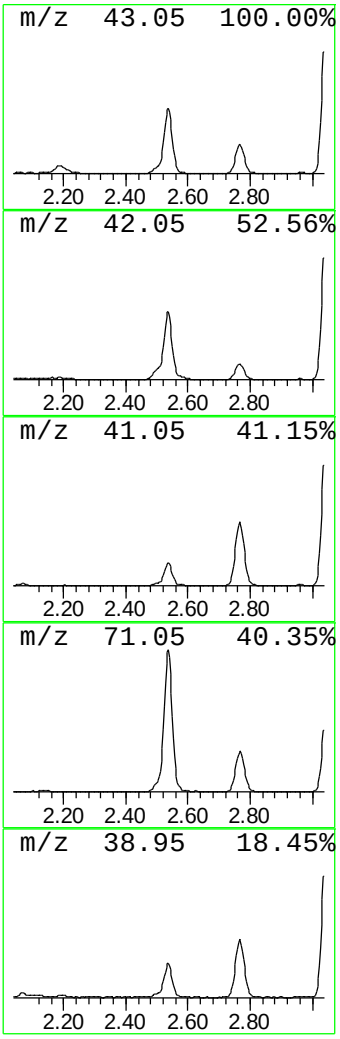
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.54	12.72 ug/L	436172	1,4-Difluorobenzene	5.62

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	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

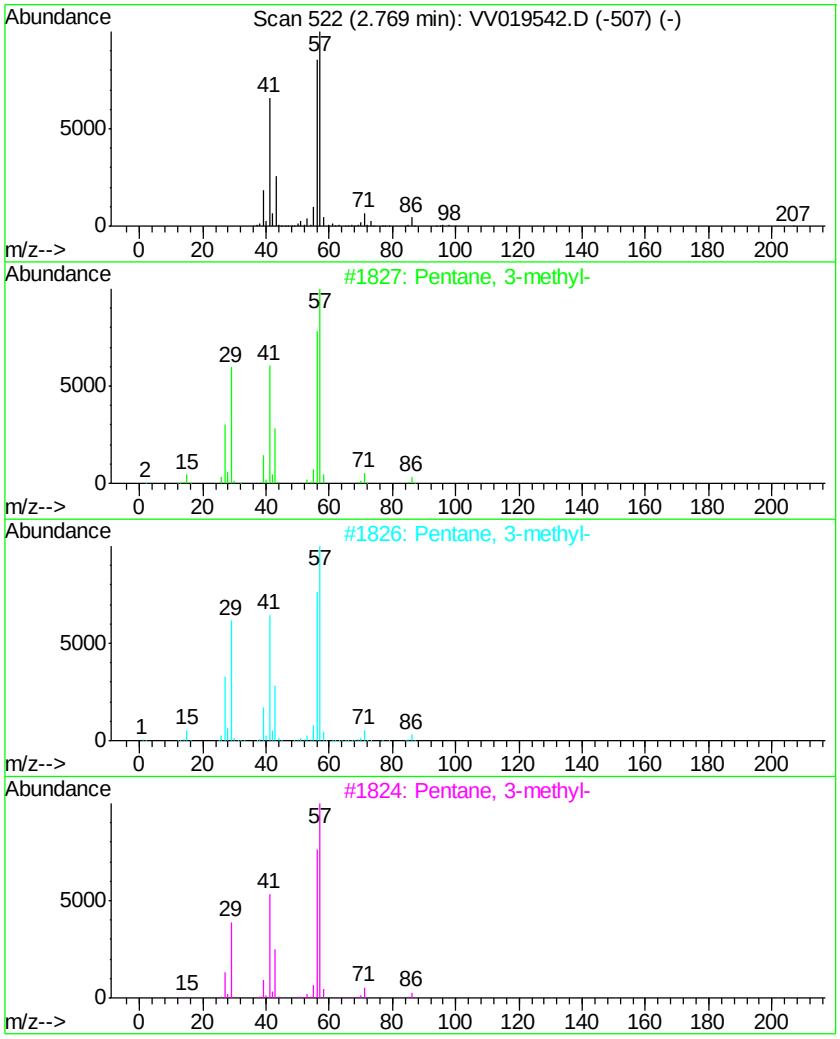
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

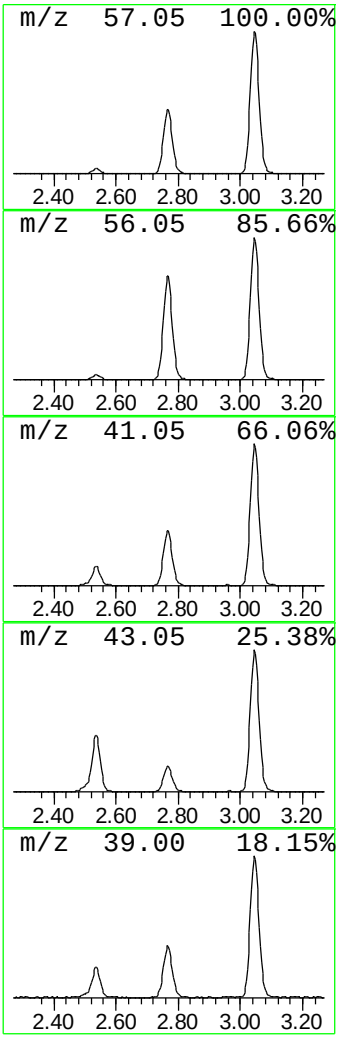
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	24.19 ug/L	829594	1,4-Difluorobenzene	5.62

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	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

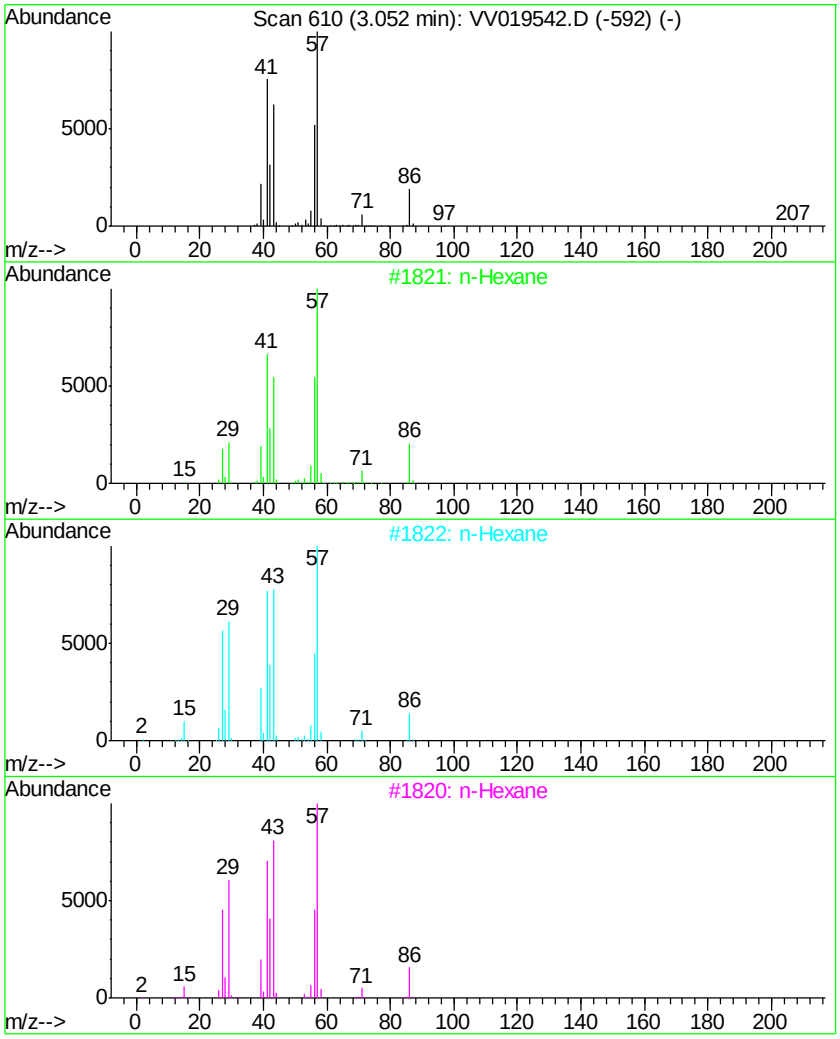
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

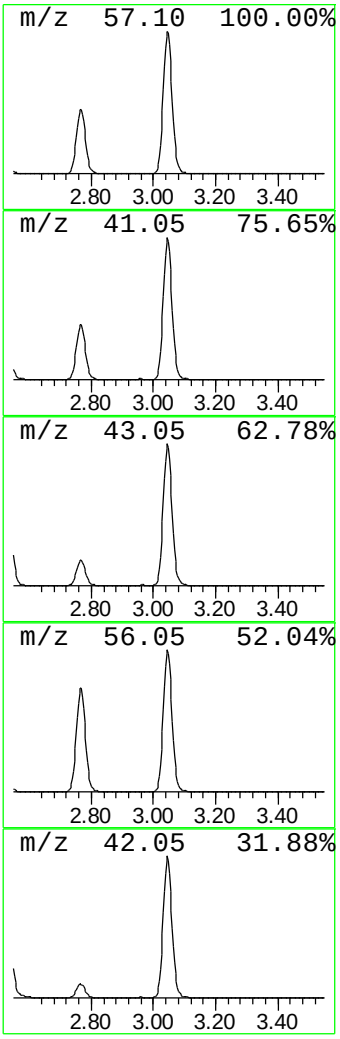
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	61.36 ug/L	2104640	1,4-Difluorobenzene	5.62

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	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

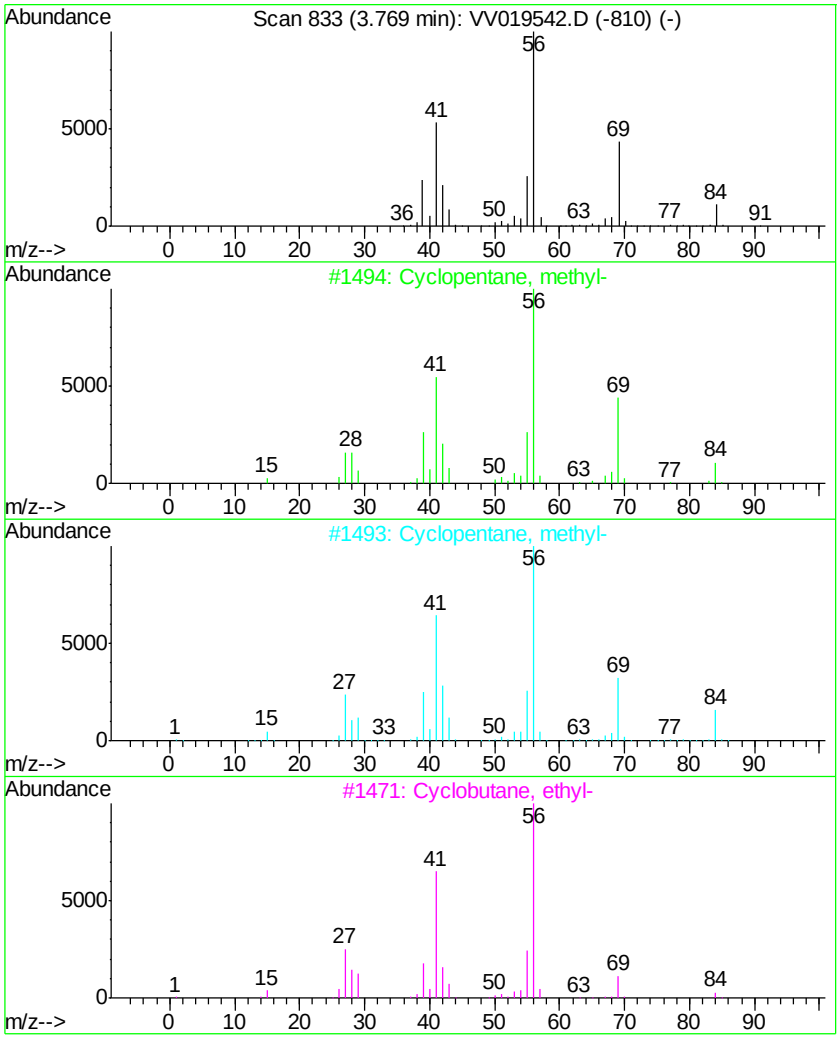
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

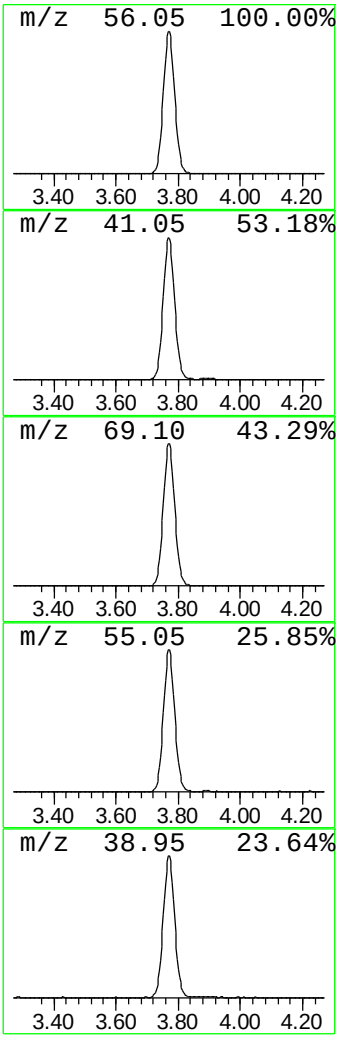
****

Peak Number 5 (DEL) Alkane: Cyclic3.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	62.73 ug/L	2151490	1,4-Difluorobenzene	5.62

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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

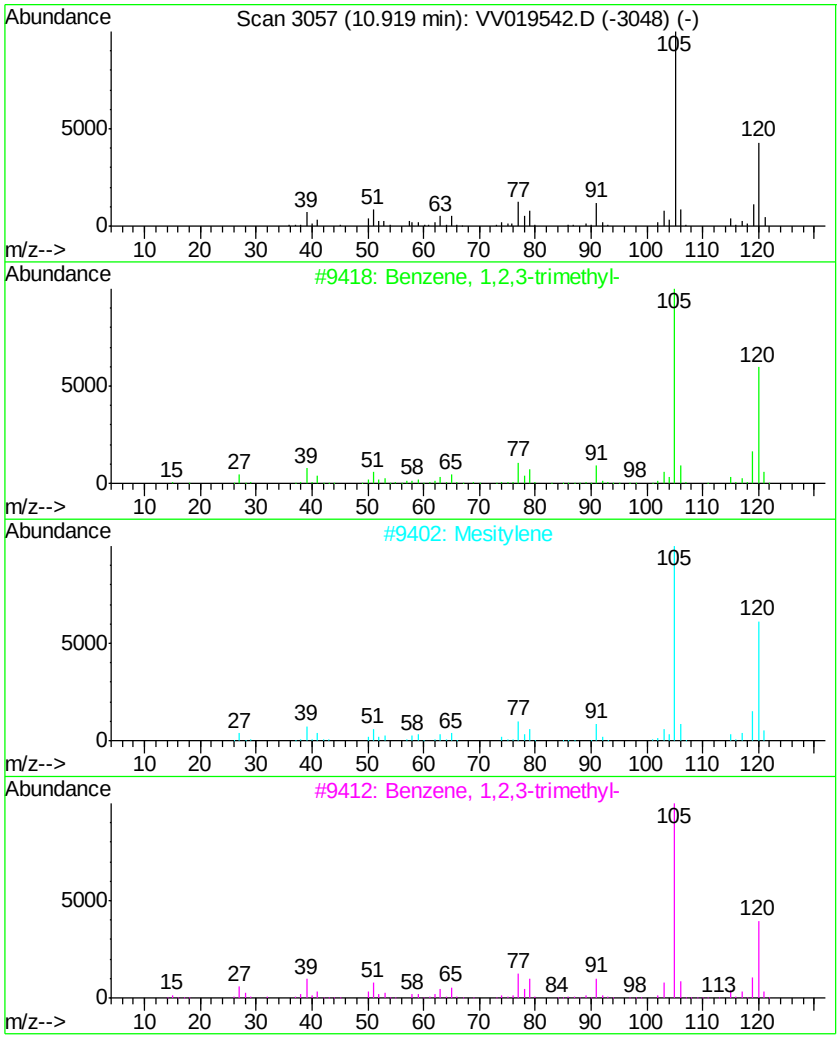
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

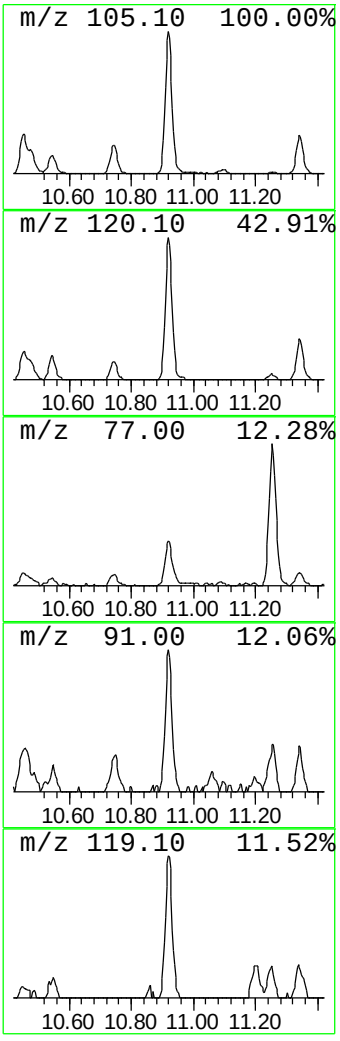
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.69 ug/L	111088	1,4-Dichlorobenzene-d4	11.25

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019542.D
Acq On : 11 Dec 2020 05:02
Operator : SY/MD
Sample : L4955-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4L9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.11	3.0	ug/L	102394	1	5.62	1714910	50.0
(DEL) Alkane: Str...	2.54	12.7	ug/L	436172	1	5.62	1714910	50.0
(DEL) Alkane: Str...	2.77	24.2	ug/L	829594	1	5.62	1714910	50.0
(DEL) Alkane: Str...	3.05	61.4	ug/L	2104640	1	5.62	1714910	50.0
(DEL) Alkane: Cyc...	3.77	62.7	ug/L	2151490	1	5.62	1714910	50.0
Benzene, 1,2,3-tr...	10.92	2.7	ug/L	111088	3	11.25	2062550	50.0