LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

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\SOMVLM092920WMA.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	1.312	62	69	87	rVB	220836	267238	0.65%	0.102%
2	1.576	143	151	168	rBV	143665	224957	0.55%	0.086%
3	2.100	303	314	326	rBV	434417	628109	1.52%	0.240%
4	2.527	423	447	468	rVV	364073	725772	1.76%	0.277%
5	2.762	502	520	547	rBV	611970	1227758	2.98%	0.469%
6	3.042	589	607	639	rBV	2049794	4098902	9.93%	1.564%
7	3.550	747	765	789	rBV	95076	265762	0.64%	0.101%
8	3.679	789	805	819	rVV	69722	172801	0.42%	0.066%
9	3.775	819	835	854	rVB2	365894	914737	2.22%	0.349%
10	3.923	871	881	920	rBV2	76068	299612	0.73%	0.114%
11	4.373	1003	1021	1069	rVB	318249	855593	2.07%	0.326%
12	4.691	1107	1120	1138	rVB4	55674	137667	0.33%	0.053%
13	5.068	1219	1237	1271	rBV2	856893	2167857	5.25%	0.827%
14	5.637	1398	1414	1447	rBV	495929	1060573	2.57%	0.405%
15	6.093	1541	1556	1585	rVV	443458	994401	2.41%	0.379%
16	6.794	1761	1774	1786	rBV	33551	68598	0.17%	0.026%
17	6.939	1808	1819	1826	rVV	35952	63299	0.15%	0.024%
18	7.010	1830	1841	1861	rVV	254747	537883	1.30%	0.205%
19	7.100	1861	1869	1889	rVB2	34709	68263	0.17%	0.026%
20	7.280	1912	1925	1932	rBV2	115271	216294	0.52%	0.083%
21	7.338	1932	1943	1957	rVV	1013373	1877405	4.55%	0.716%
22	7.408	1957	1965	1990	rVB	237494	454053	1.10%	0.173%
23	7.585	2010	2020	2029	rBV	102128	158228	0.38%	0.060%
24	7.643	2029	2038	2069	rVB	171813	432596	1.05%	0.165%
25	8.145	2168	2194	2213	rBV	278679	970159	2.35%	0.370%
26	8.312	2236	2246	2256	rVB2	44671	76369	0.19%	0.029%
27	8.685	2354	2362	2374	rVB3	46137	77706	0.19%	0.030%
28	8.807	2388	2400	2409	rBV	36118	60504	0.15%	0.023%
29	8.874	2409	2421	2445	rBV	713214	1395937	3.38%	0.533%
30	9.035	2459	2471	2489	rBV	322427	558473	1.35%	0.213%
31	9.157	2492	2509	2522	rVV	1292293	2304571	5.59%	0.879%
32	9.222	2522	2529	2554	rVB2	195221	361646	0.88%	0.138%
33	9.495	2585	2614	2625	rBV3	79932	189668	0.46%	0.072%
34	9.566	2625	2636	2656	rVB	495338	887440	2.15%	0.339%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	9.730	2680	2687	2696	rVB3	94688	141670	0.34%	0.054%
36	9.820	2697	2715	2724	rBV4	87969	189200	0.46%	0.072%
37	9.868	2725	2730	2741	rVB2	42346	69441	0.17%	0.026%
38	9.955	2741	2757	2775	rBV	858288	1462290	3.54%	0.558%
39	10.038	2775	2783	2791	rVV2	79624	121780	0.30%	0.046%
40	10.106	2791	2804	2808	rVV2	97286	182694	0.44%	0.070%
41	10.145	2808	2816	2827	rVB2	301929	529997	1.28%	0.202%
42	10.247	2828	2848	2863	rBV2	693346	1392309	3.37%	0.531%
43	10.376	2873	2888	2905	rBV	5108251	8318185	20.16%	3.174%
44	10.476	2905	2919	2936	rVV	16072072	37721348	91.43%	14.394%
45	10.566	2936	2947	2978	rVB	10585064	17912820	43.42%	6.835%
46	10.723	2986	2996	2999	rVV	418607	585026	1.42%	0.223%
47	10.762	2999	3008	3026	rVV	5800781	9211699	22.33%	3.515%
48	10.855	3030	3037	3043	rVV5	77378	130841	0.32%	0.050%
49	10.942	3043	3064	3086	rVB	25270879	41258581	100.00%	15.744%
50	11.080	3091	3107	3112	rBV2	390458	769085	1.86%	0.293%
51	11.112	3112	3117	3127	rVV	430572	652319	1.58%	0.249%
52	11.173	3127	3136	3141	rVV2	270887	445696	1.08%	0.170%
53	11.215	3141	3149	3158	rVV2	830807	1355803	3.29%	0.517%
54	11.273	3158	3167	3184	rVV3	1127383	2619343	6.35%	1.000%
55	11.360	3184	3194	3216	rVV	5771346	9309360	22.56%	3.552%
56	11.447	3217	3221	3226	rVV3	88001	117009	0.28%	0.045%
57	11.485	3226	3233	3243	rVB2	225173	339684	0.82%	0.130%
58	11.569	3244	3259	3262	rBV4	1616445	3256623	7.89%	1.243%
59	11.598	3263	3268	3276	rVV	3075782	4516558	10.95%	1.723%
60	11.662	3276	3288	3304	rVB4	5588290	12168510	29.49%	4.643%
61	11.771	3313	3322	3326	rBV	240308	371290	0.90%	0.142%
62	11.810	3326	3334	3339	rVV	1136267	1672252	4.05%	0.638%
63	11.842	3339	3344	3362	rVB	1300726	1986580	4.81%	0.758%
64	11.935	3362	3373	3377	rBV	2660249	3899420	9.45%	1.488%
65	11.964	3378	3382	3392	rVV	2802448	3704536	8.98%	1.414%
66	12.038	3393	3405	3427	rVB	5109290	7961675	19.30%	3.038%
67	12.173	3428	3447	3467	rBV6	556382	1983135	4.81%	0.757%
68	12.279	3467	3480	3489	rBV5	330717	710160	1.72%	0.271%
69	12.337	3489	3498	3508	rVB	1205658	1823842	4.42%	0.696%
70	12.398	3508	3517	3519	rBV2	239168	347457	0.84%	0.133%
71	12.437	3520	3529	3537	rVV	3244188	4654485	11.28%	1.776%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	12.488	3537	3545	3562	rVB	5034411	7527490	18.24%	2.872%
73	12.572	3562	3571	3577	rBV	497138	738694	1.79%	0.282%
74	12.611	3577	3583	3587	rVV2	352083	441990	1.07%	0.169%
75	12.636	3587	3591	3599	rVB	457796	555135	1.35%	0.212%
76	12.749	3616	3626	3638	rVB	1591049	2396087	5.81%	0.914%
77	12.816	3638	3647	3655	rBV2	372615	558495	1.35%	0.213%
78	12.906	3655	3675	3703	rBV3	3579464	7811671	18.93%	2.981%
79	13.022	3703	3711	3719	rBV	733799	1064095	2.58%	0.406%
80	13.067	3719	3725	3736	rVB7	183142	346541	0.84%	0.132%
81	13.189	3755	3763	3771	rBV	201181	302690	0.73%	0.116%
82	13.238	3772	3778	3782	rVV3	93147	115152	0.28%	0.044%
83	13.289	3782	3794	3813	rVV2	10726335	17202924	41.70%	6.564%
84	13.424	3829	3836	3848	rVB	534254	762030	1.85%	0.291%
85	13.524	3849	3867	3877	rBV	2328039	3836401	9.30%	1.464%
86	13.649	3894	3906	3907	rBV7	89955	147680	0.36%	0.056%
87	13.768	3924	3943	3958	rVB	3326582	5605329	13.59%	2.139%
88	13.929	3983	3993	4008	rVB2	526200	942472	2.28%	0.360%
89	14.122	4041	4053	4067	rBV4	262716	627950	1.52%	0.240%
90	14.257	4088	4095	4105	rBV	167759	269128	0.65%	0.103%
91	14.318	4108	4114	4125	rVB2	109082	184782	0.45%	0.071%
92	14.389	4130	4136	4147	rVB9	43846	74655	0.18%	0.028%
93	14.456	4149	4157	4166	rBV3	74837	139044	0.34%	0.053%
94	14.656	4209	4219	4231	rBV	436025	761401	1.85%	0.291%
95	14.842	4268	4277	4281	rBV	218926	338168	0.82%	0.129%
96	15.694	4532	4542	4552	rBV2	79724	147559	0.36%	0.056%
97	15.755	4555	4561	4571	rVB2	67341	103693	0.25%	0.040%
98	15.836	4579	4586	4593	rBV	86970	127541	0.31%	0.049%
99	15.874	4594	4598	4614	rVB4	56764	105685	0.26%	0.040%
100	16.337	4734	4742	4751	rVB	84073	132730	0.32%	0.051%

Sum of corrected areas: 262060746

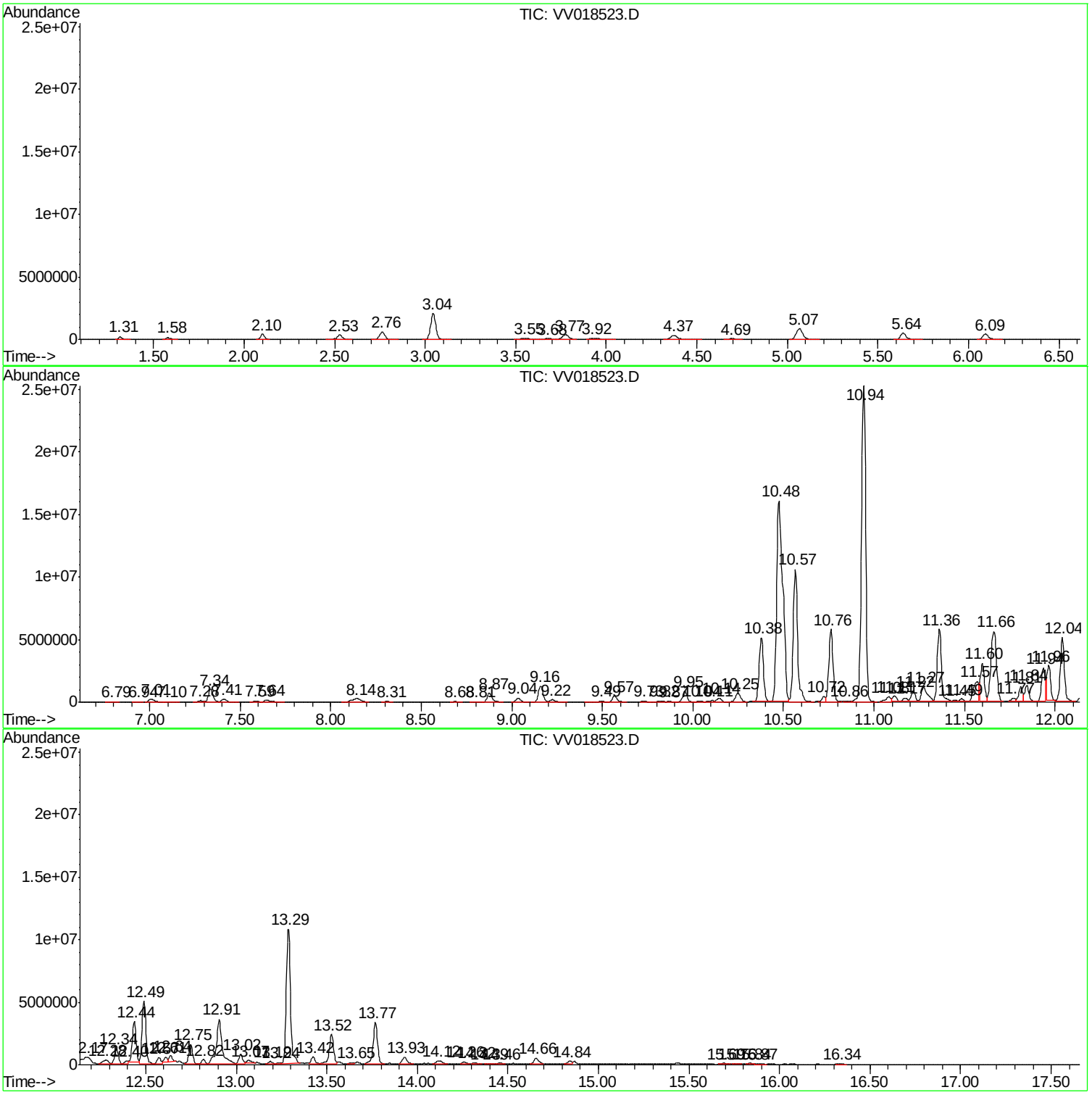
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

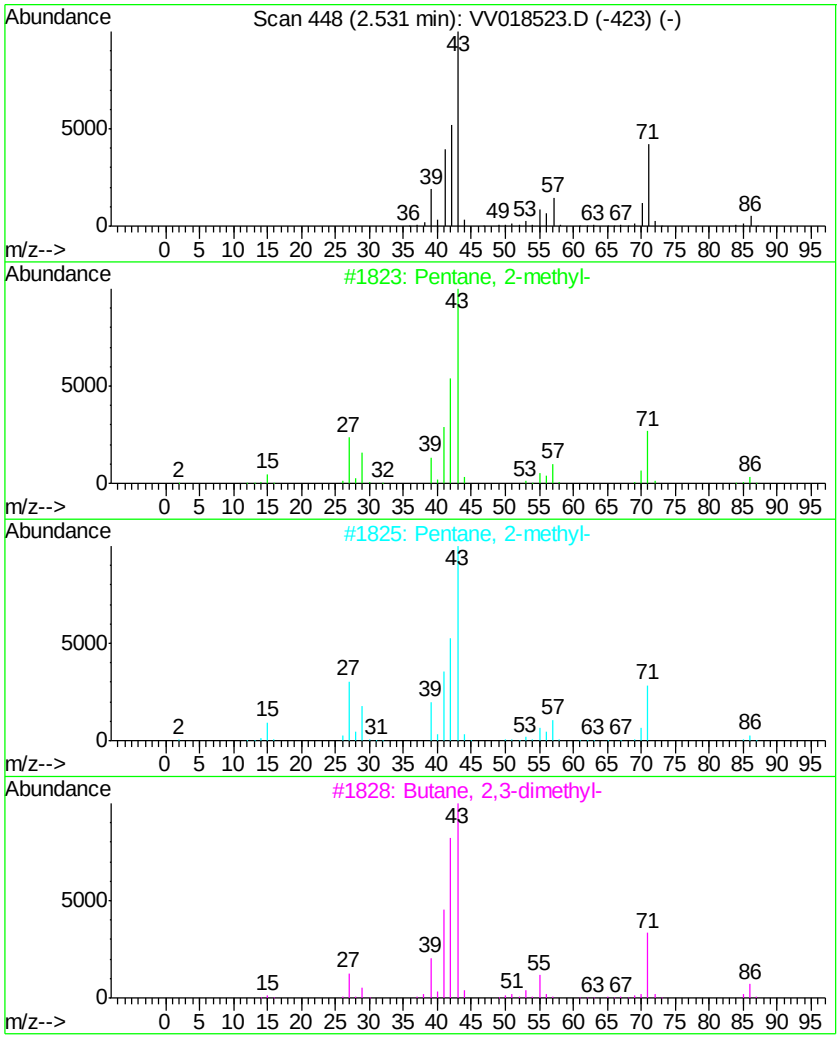
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

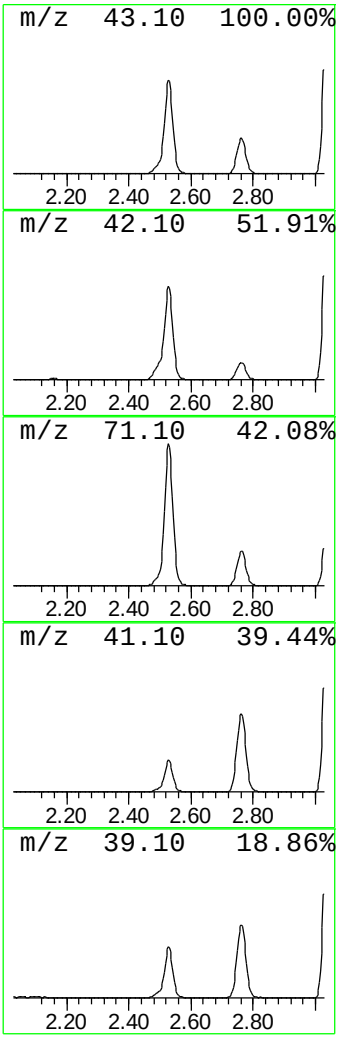
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	34.22 ug/L	725772	1,4-Difluorobenzene	5.64

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	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	Pentane	72	C5H12	000109-66-0	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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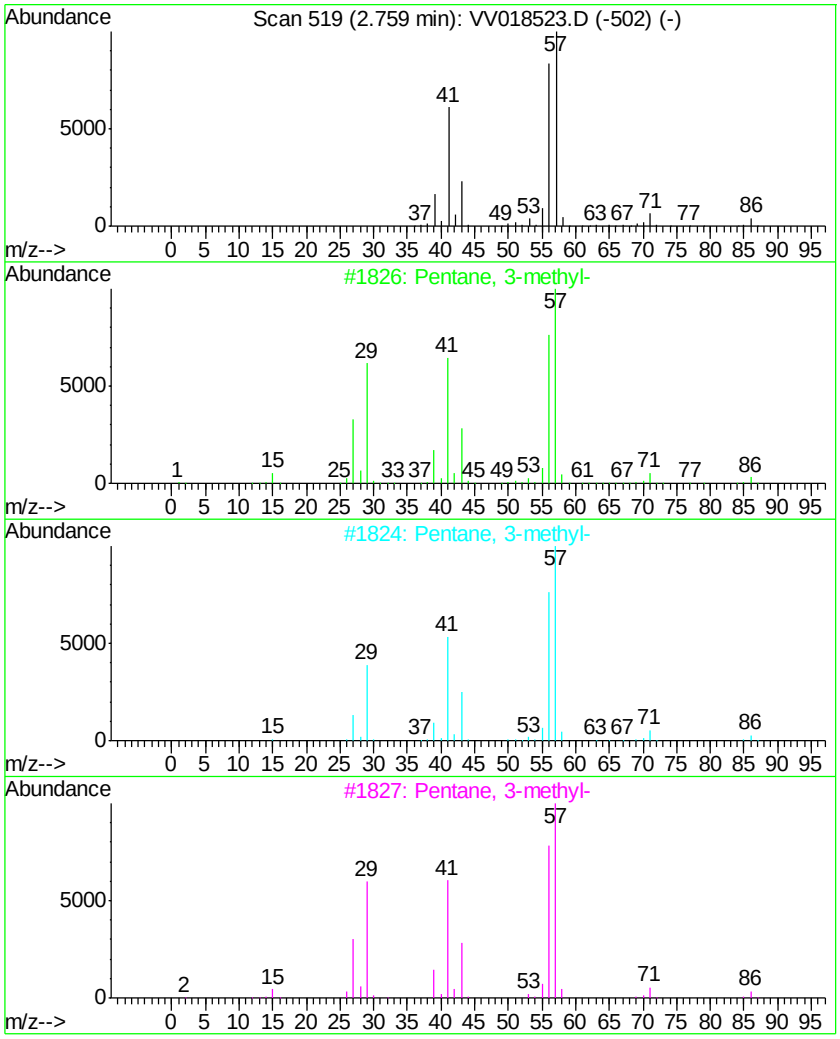
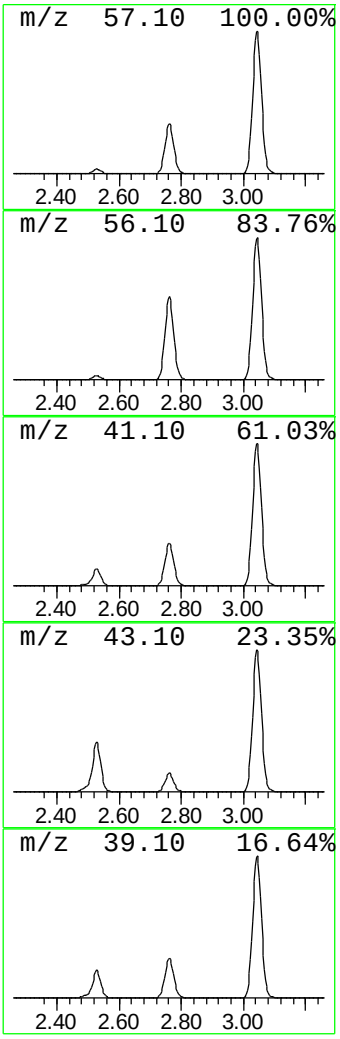
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	57.88 ug/L	1227760	1,4-Difluorobenzene	5.64

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	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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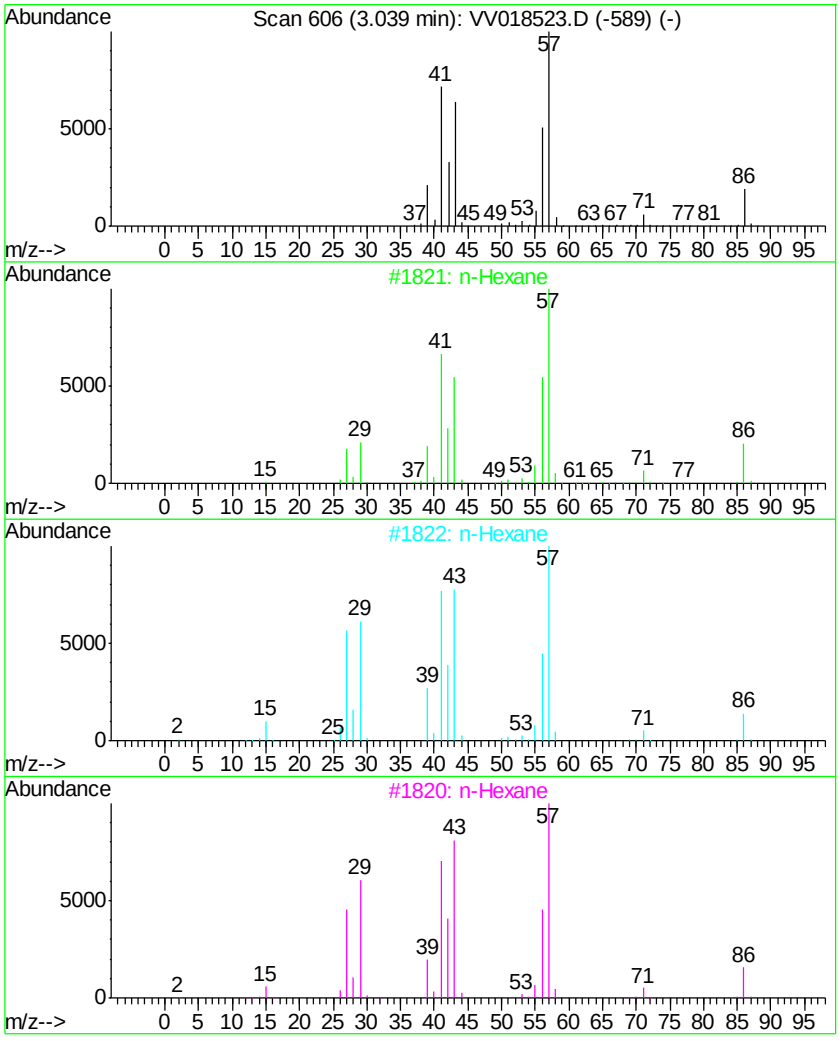
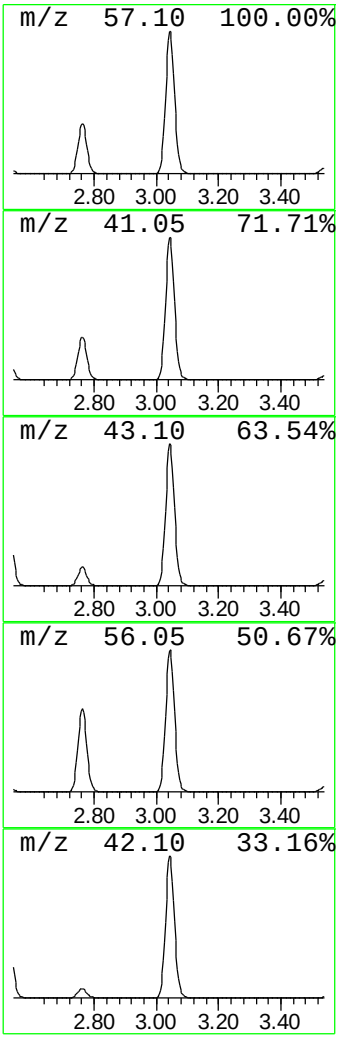
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	193.24 ug/L	4098900	1,4-Difluorobenzene	5.64

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	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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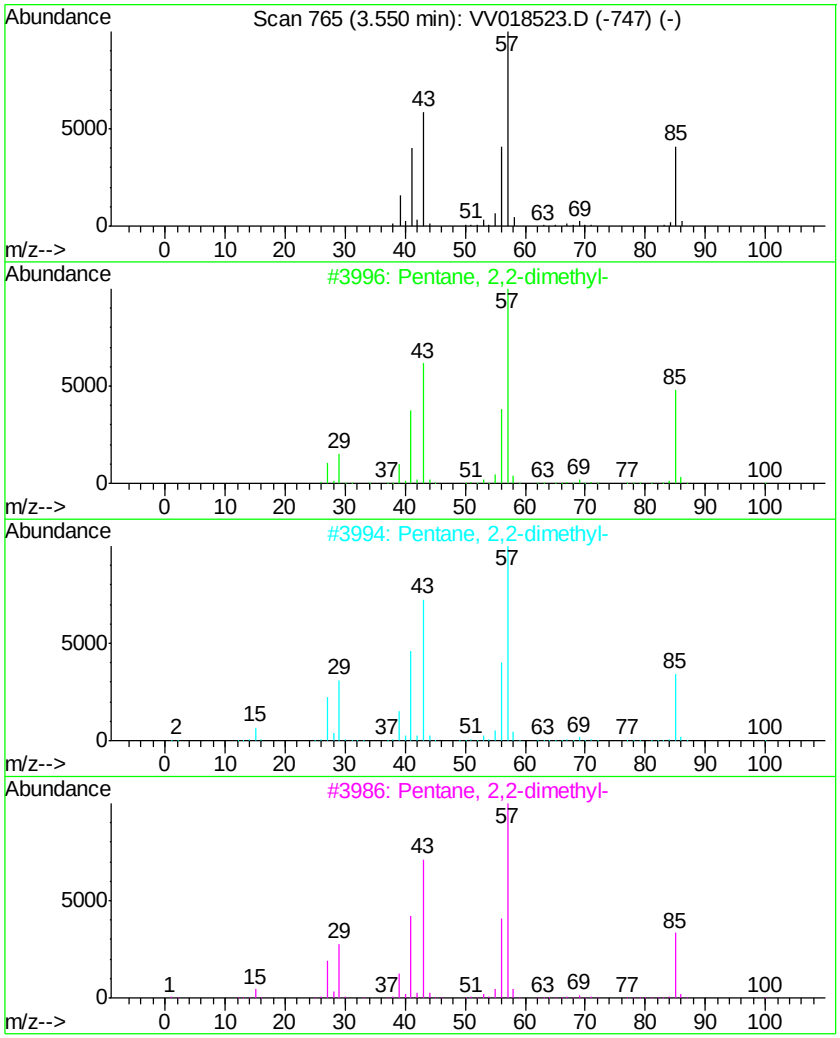
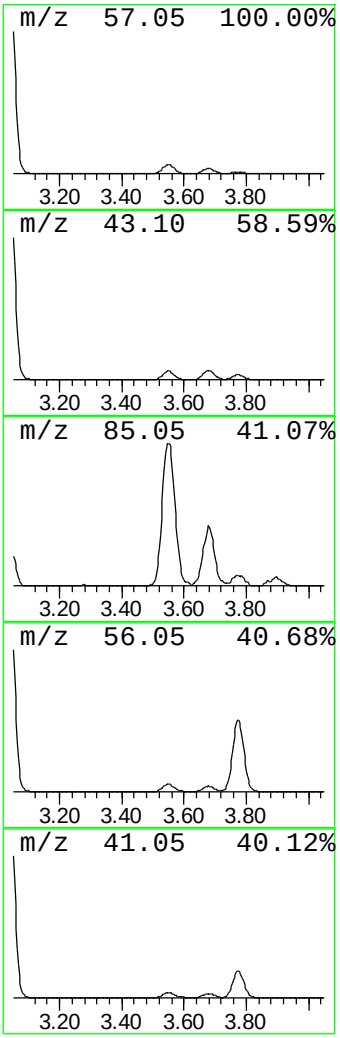
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	12.53 ug/L	265762	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

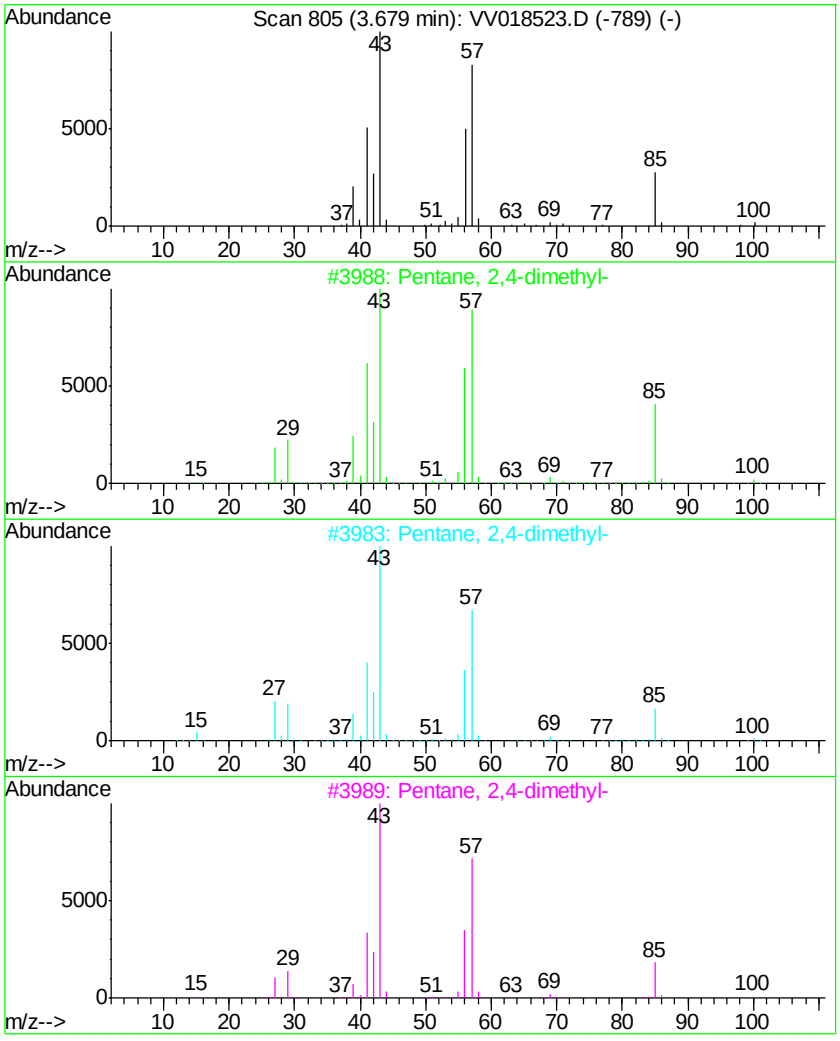
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

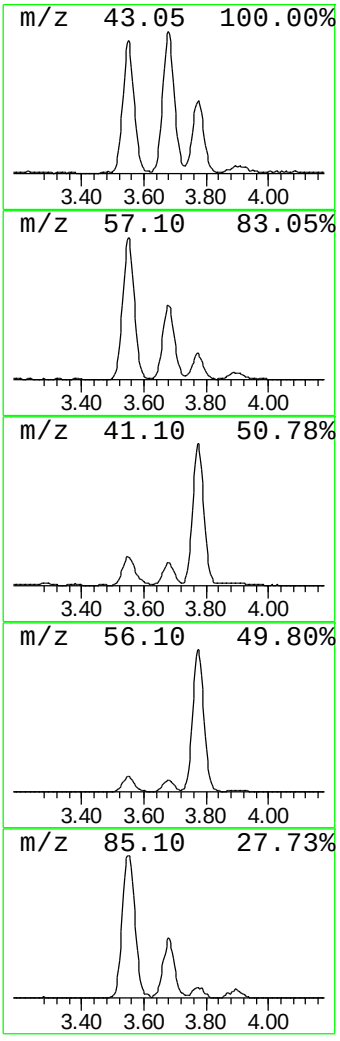
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	8.15 ug/L	172801	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

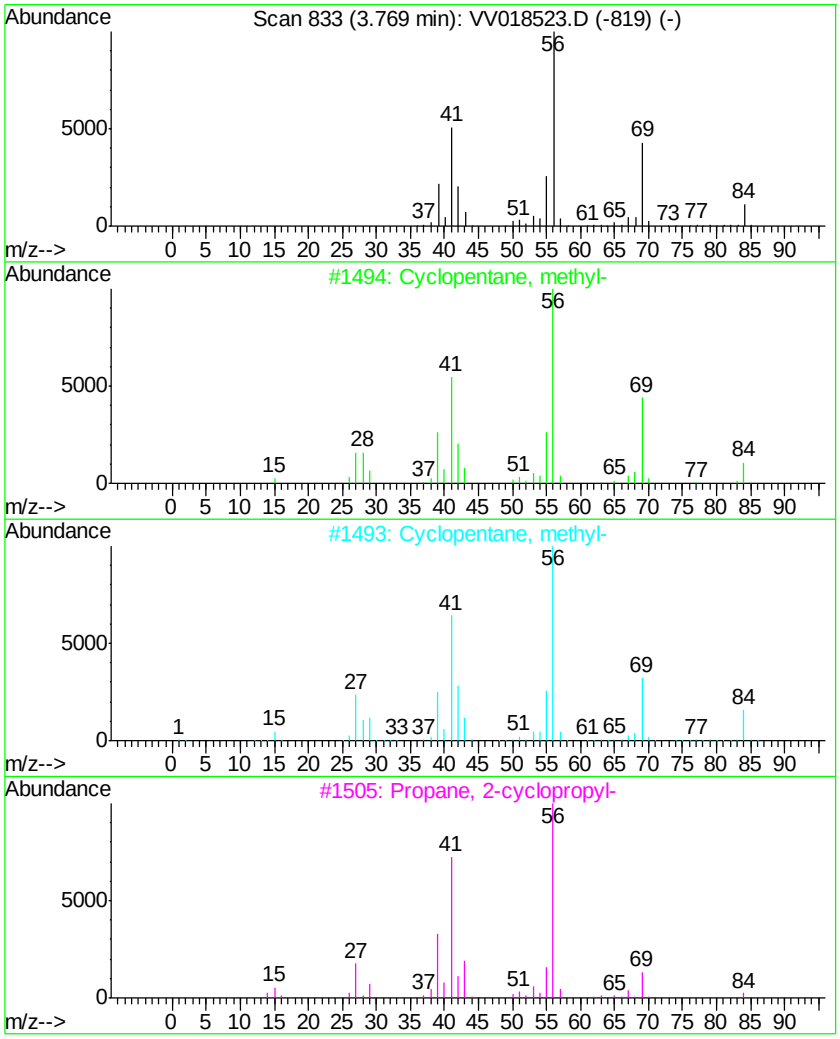
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

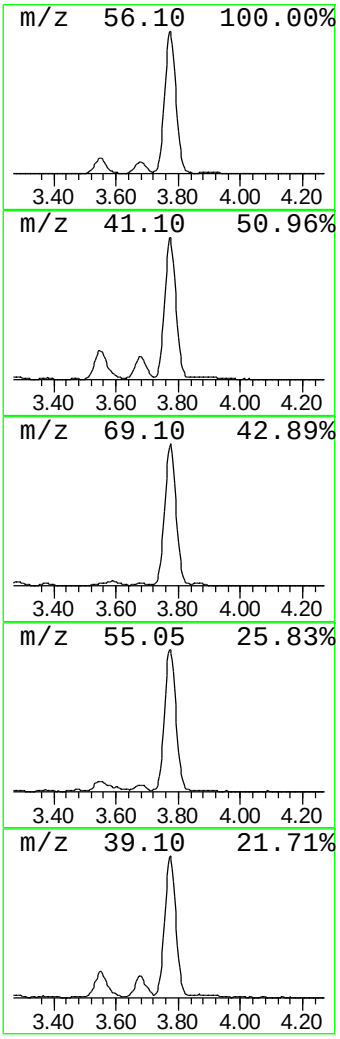
****

Peak Number 6 (DEL) Alkane: Cyclic3.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	43.12 ug/L	914737	1,4-Difluorobenzene	5.64

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	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

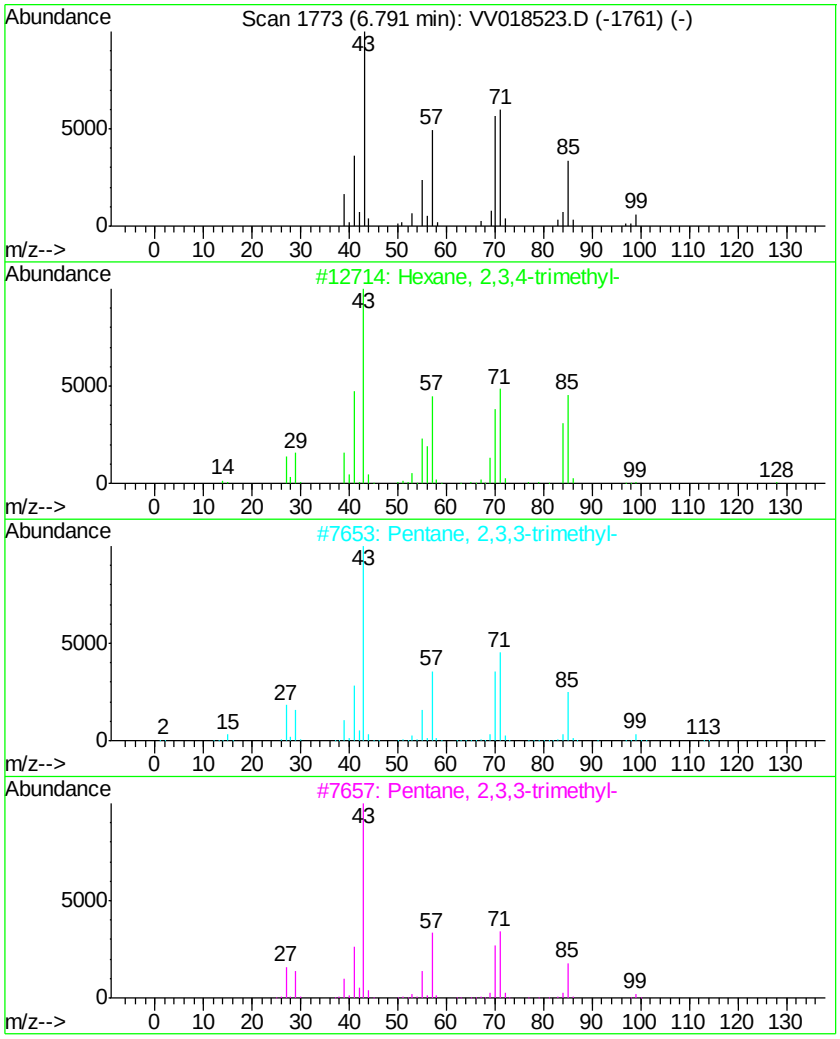
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

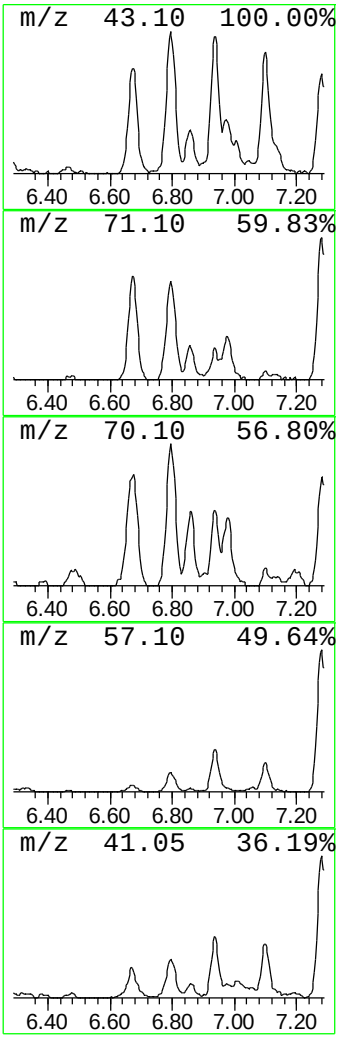
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	3.23 ug/L	68598	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

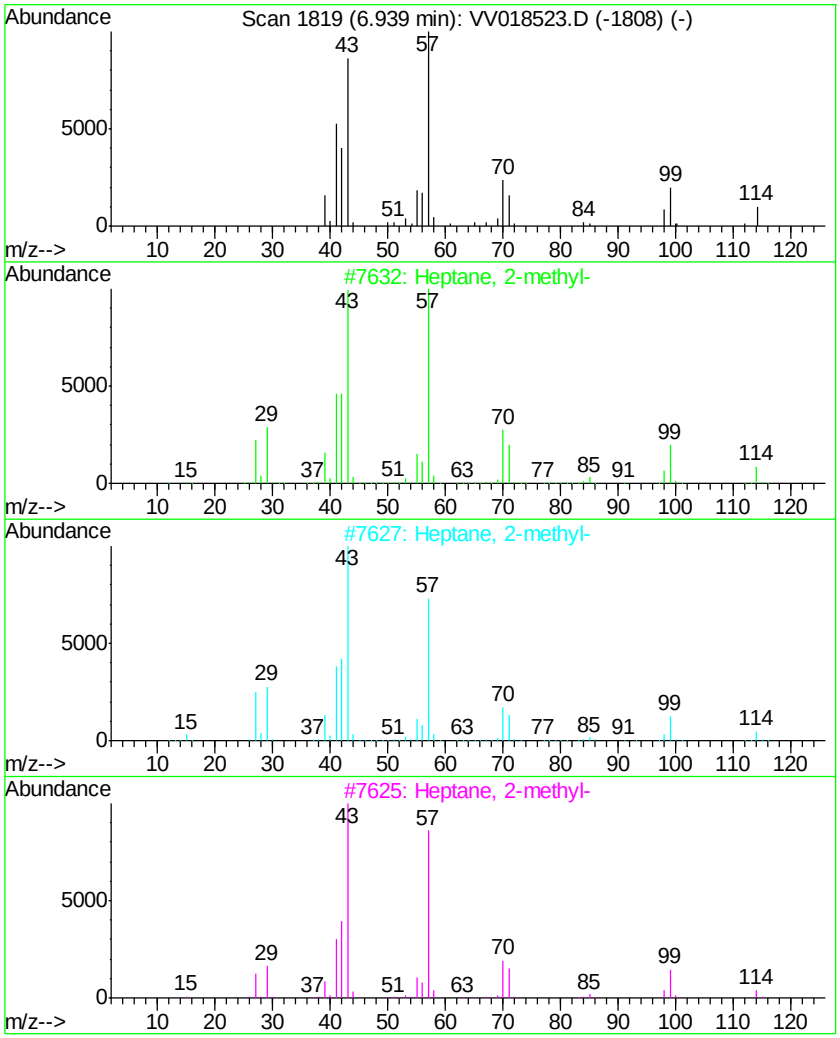
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

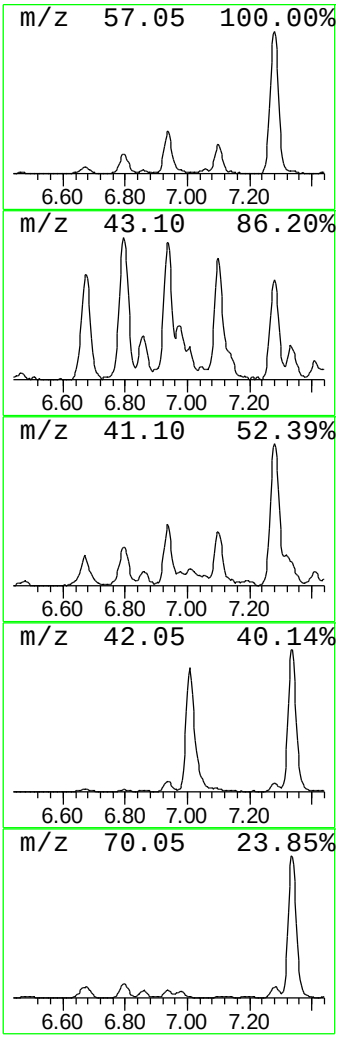
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	2.98 ug/L	63299	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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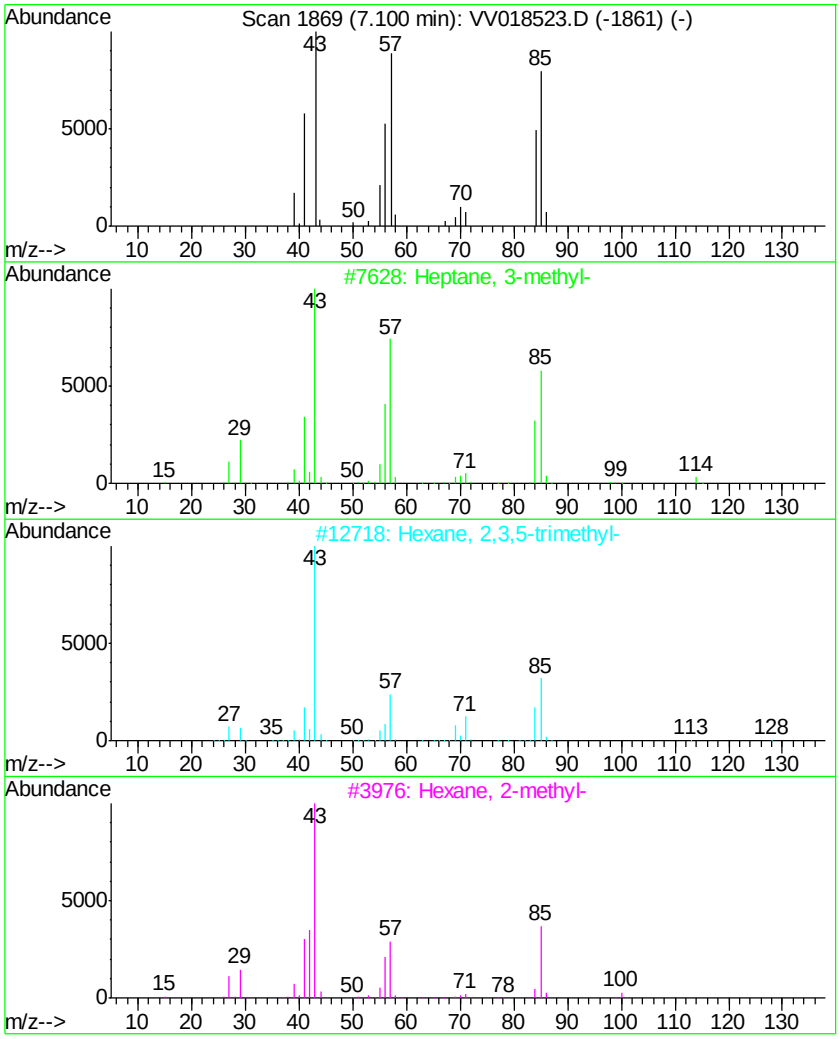
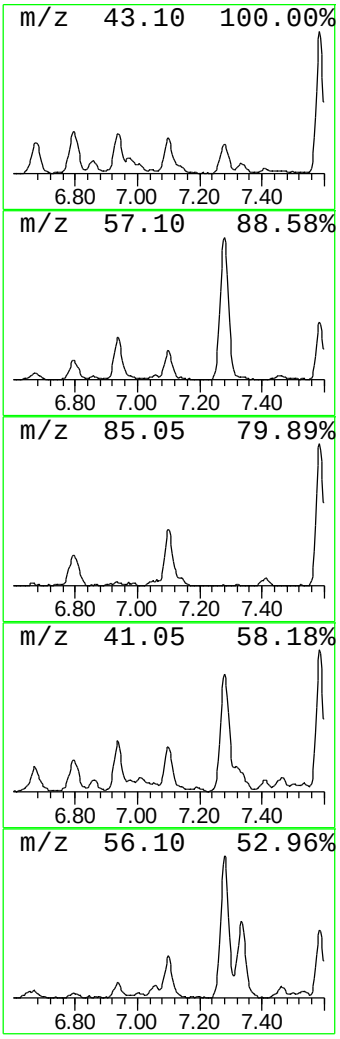
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	3.22 ug/L	68263	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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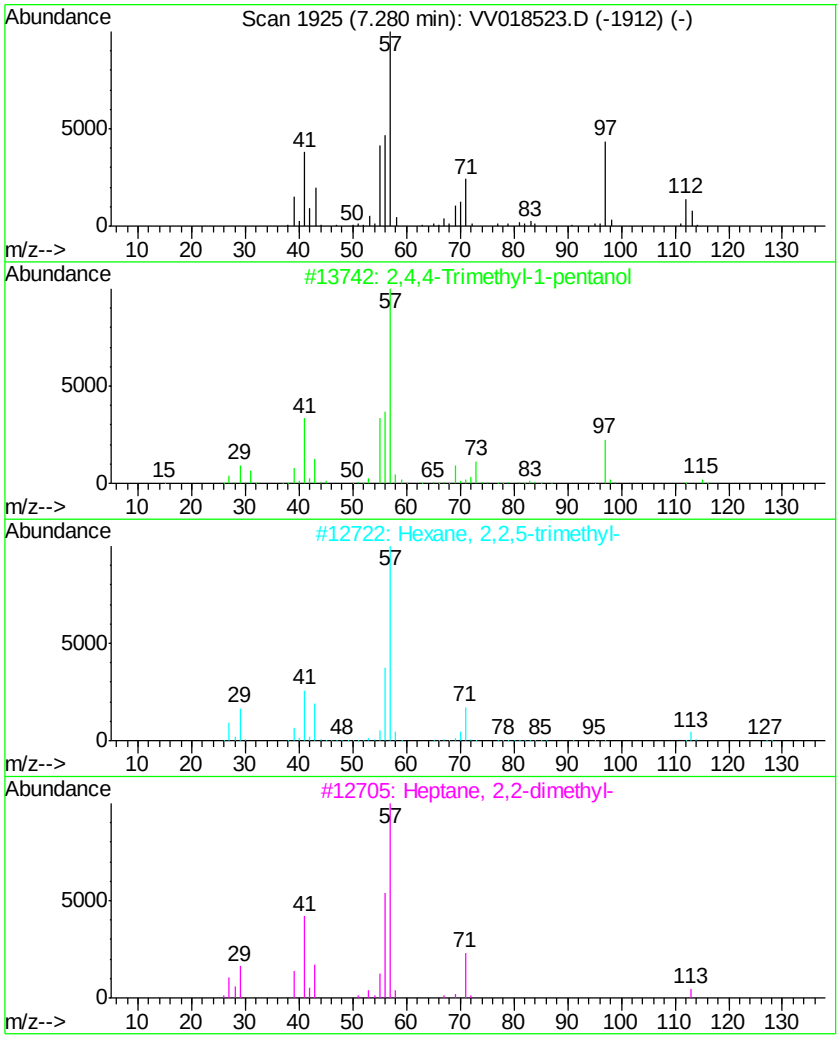
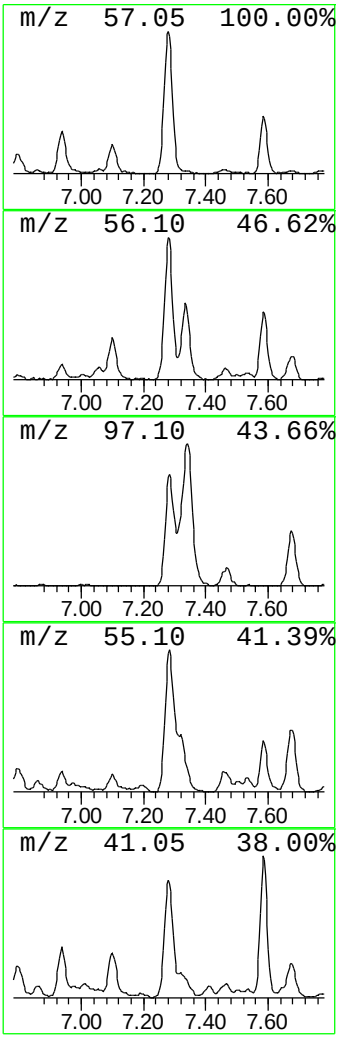
Peak Number 11 2,4,4-Trimethyl-1-pentanol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.75 ug/L	216294	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	50
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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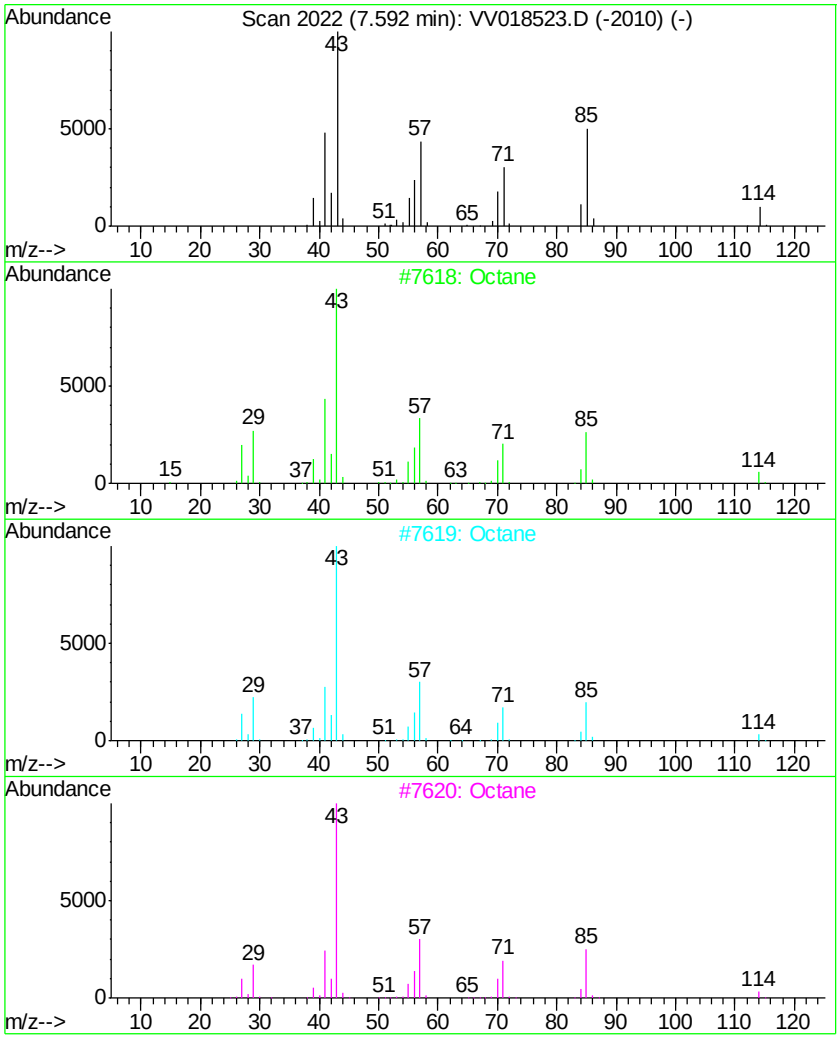
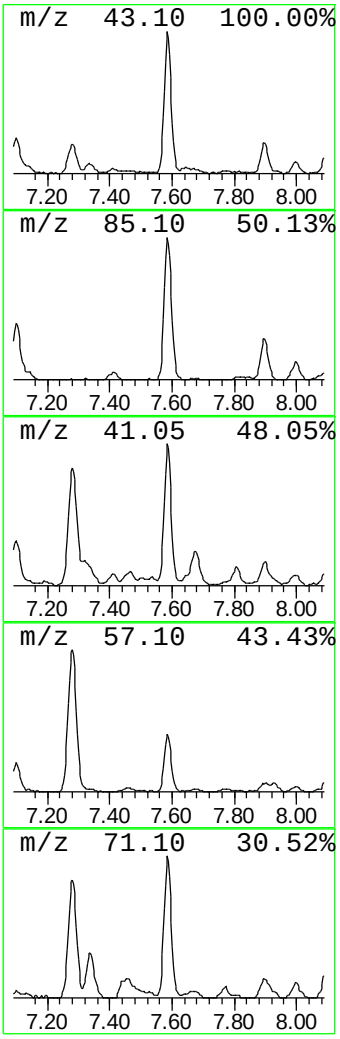
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	5.67 ug/L	158228	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	81
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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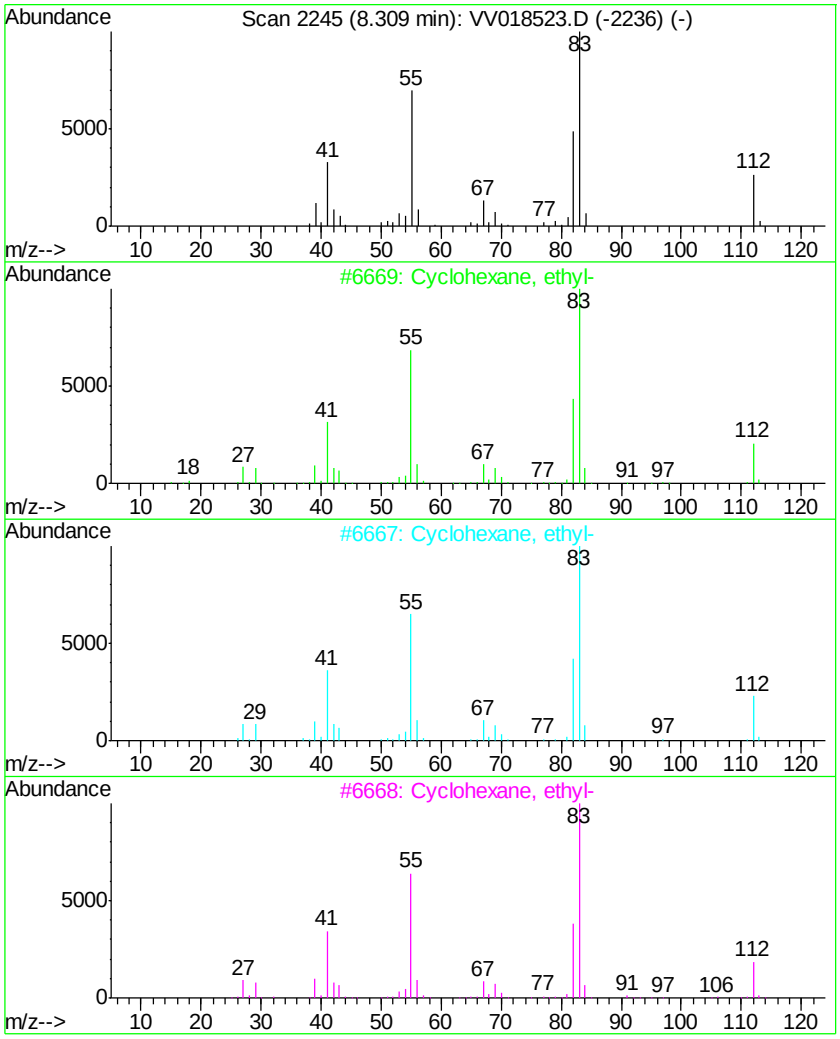
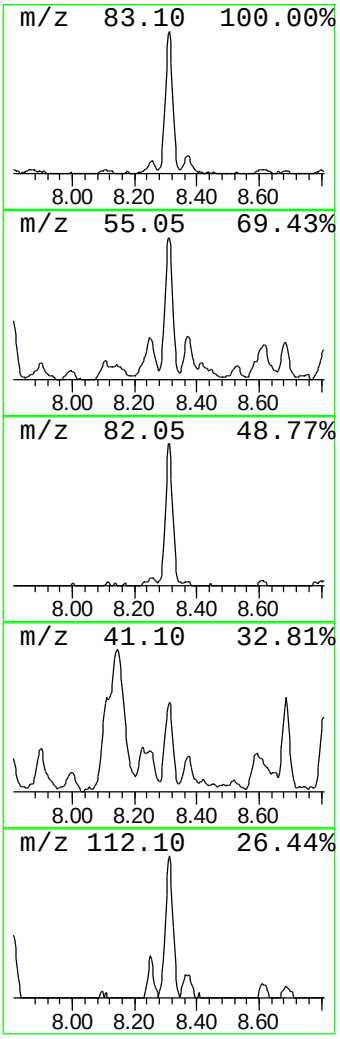
Peak Number 13 (DEL) Alkane: Cyclic8.31 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	2.74 ug/L	76369	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

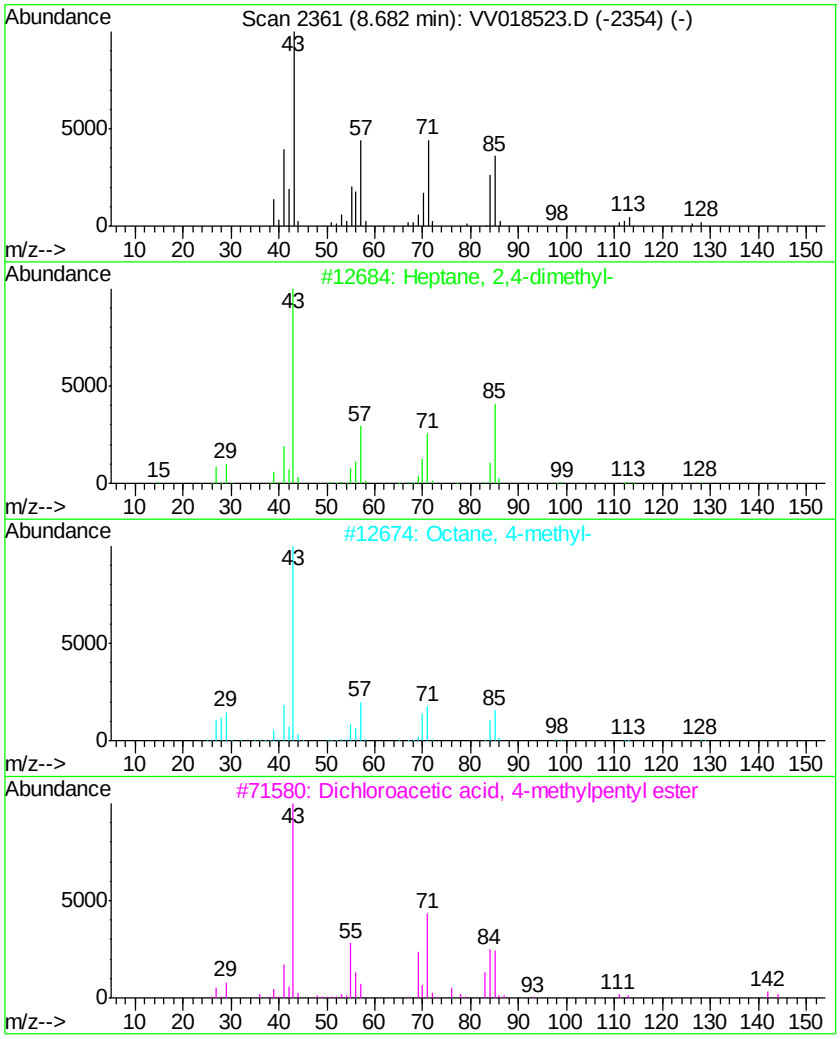
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

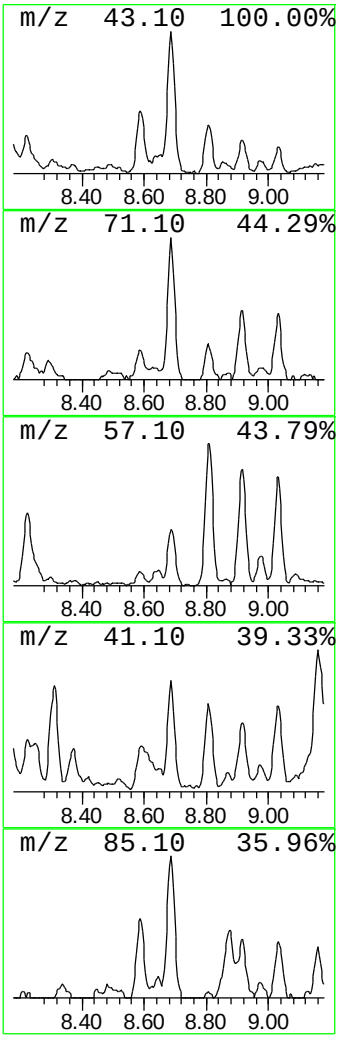
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.78 ug/L	77706	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	68
3	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

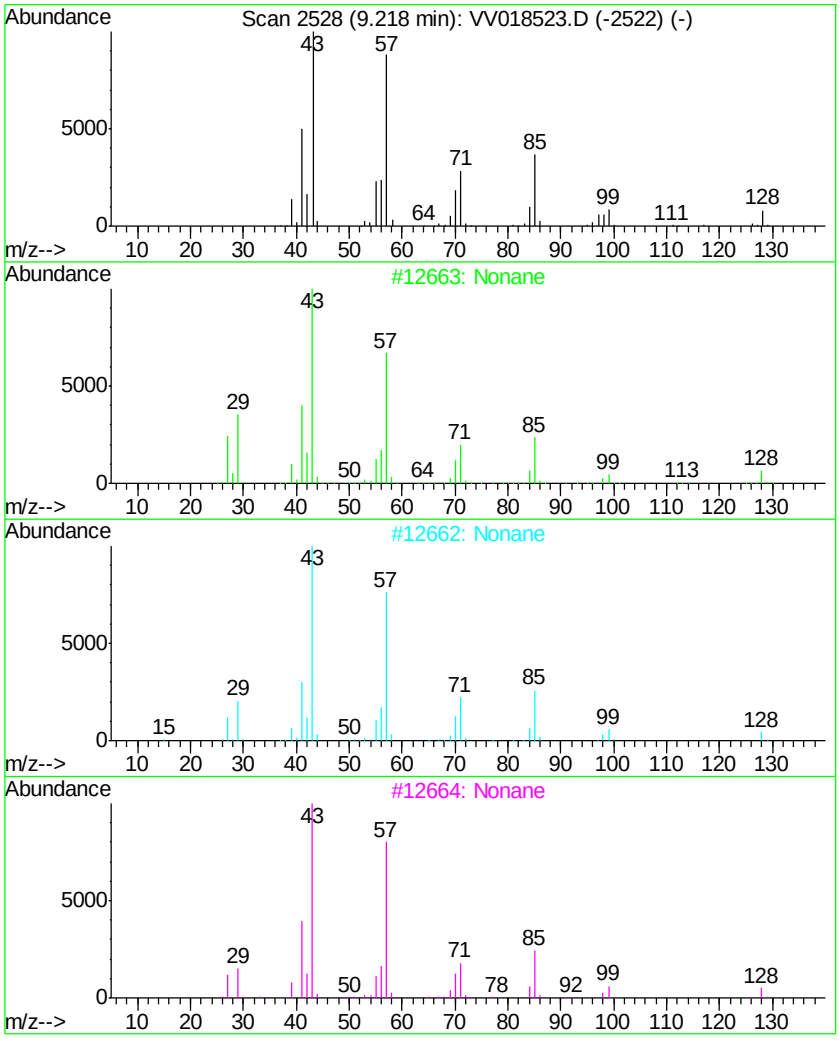
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

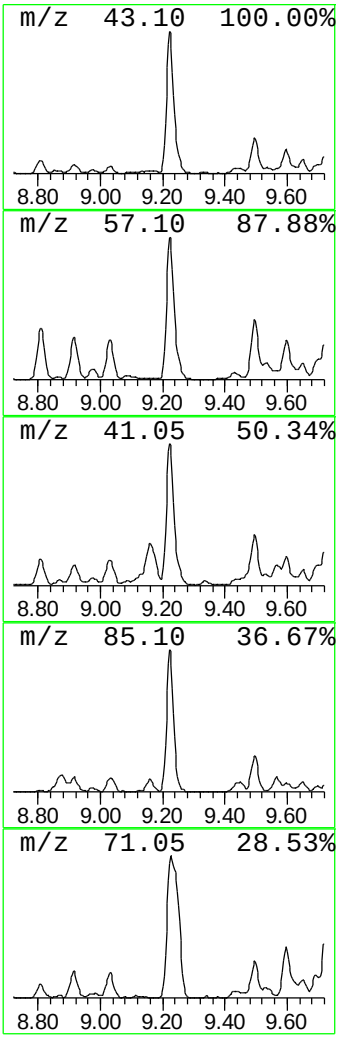
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	12.95 ug/L	361646	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	74
4	Octane	114	C8H18	000111-65-9	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

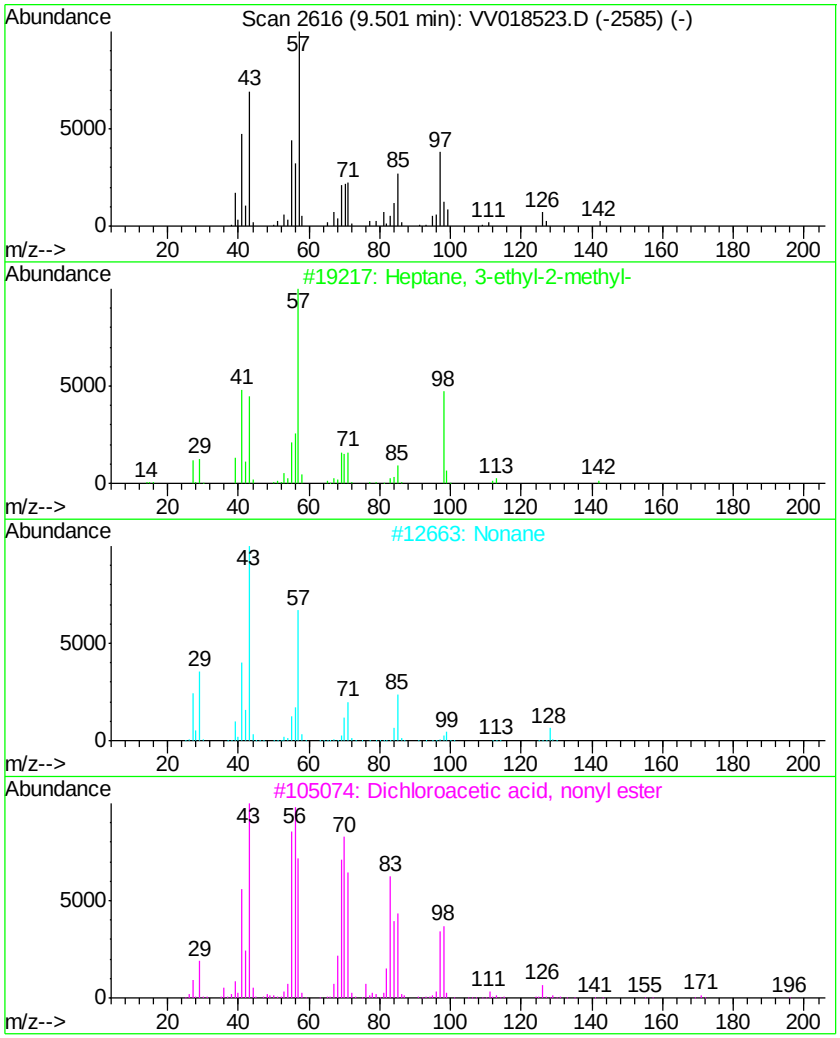
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

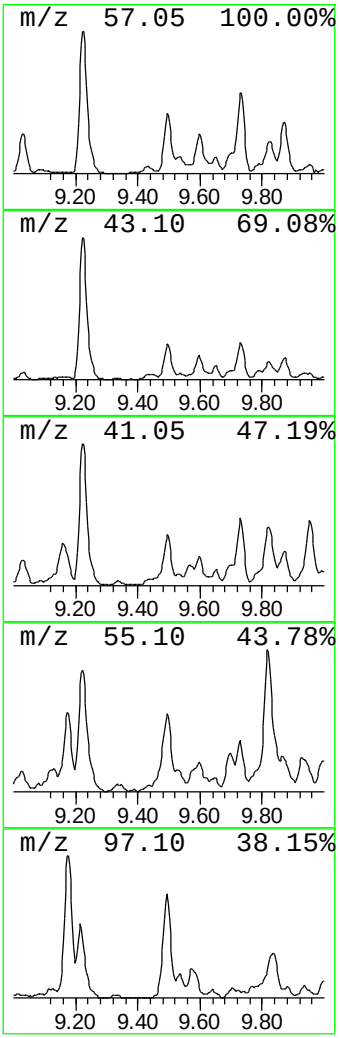
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	6.79 ug/L	189668	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	46
2	Nonane	128	C9H20	000111-84-2	43
3	Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	43
4	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

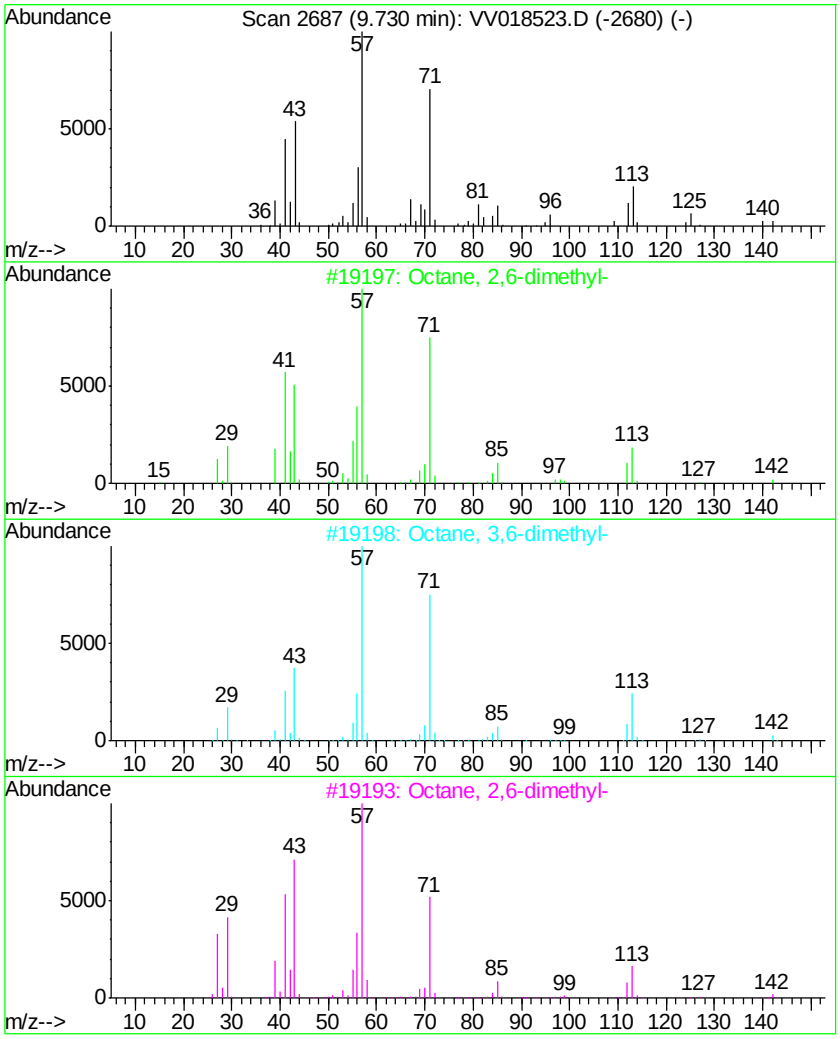
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

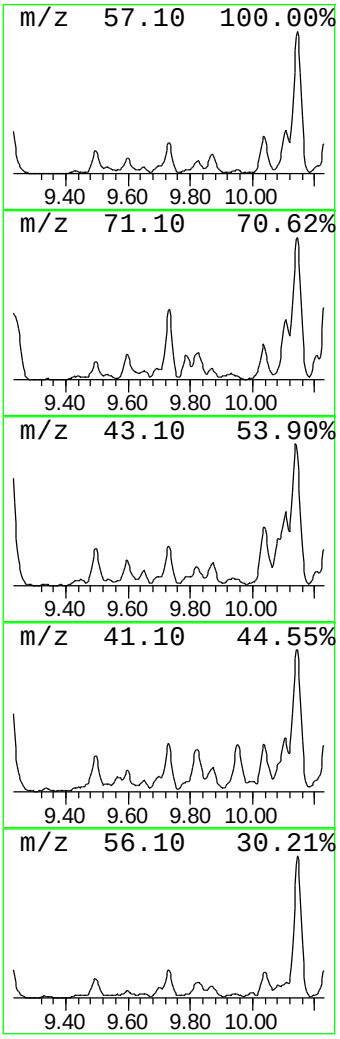
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	5.07 ug/L	141670	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

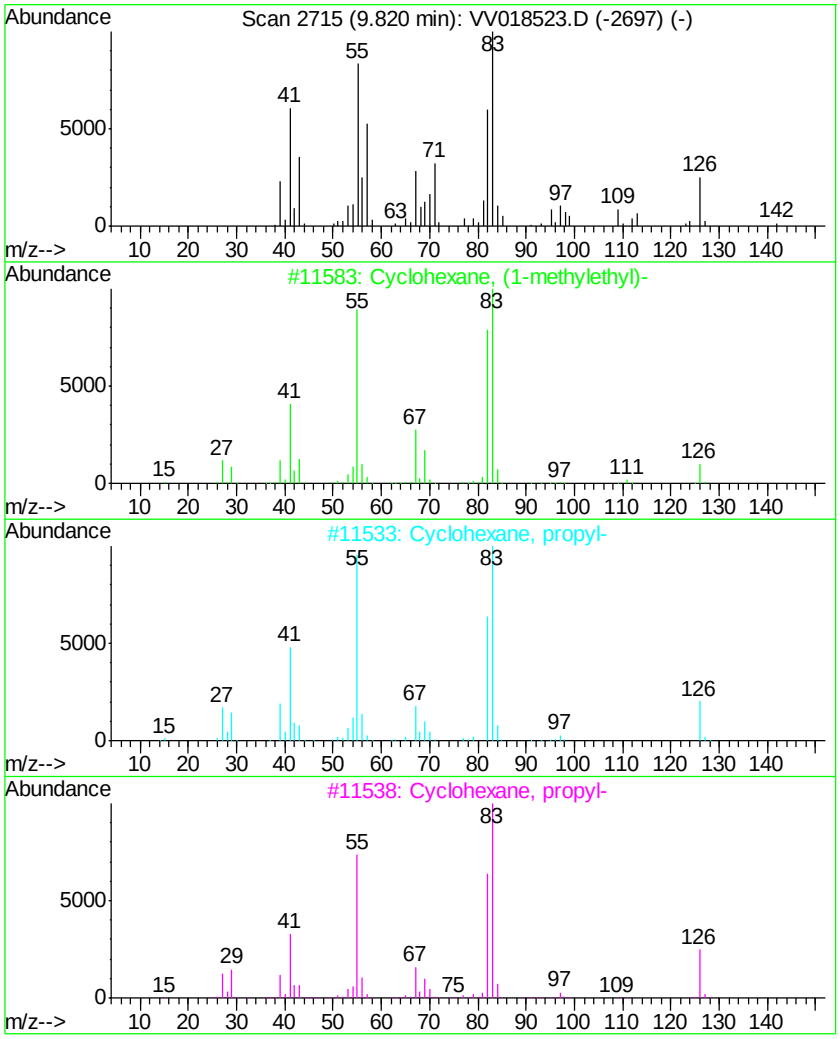
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

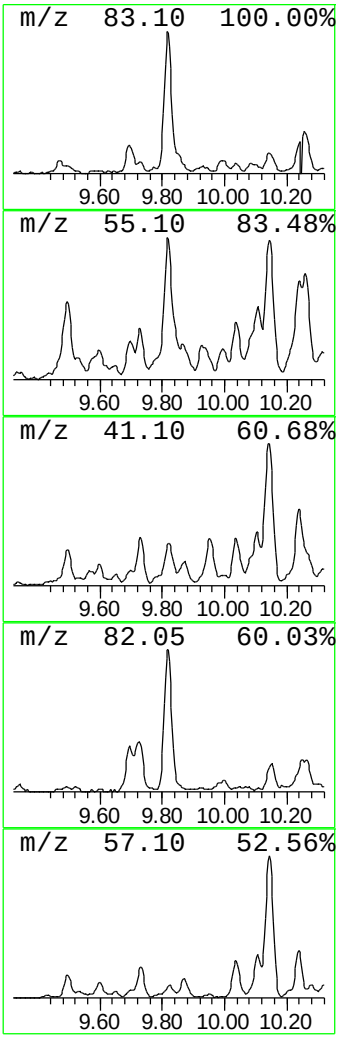
****

Peak Number 18 (DEL) Alkane: Cyclic9.82 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	6.78 ug/L	189200	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	68
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

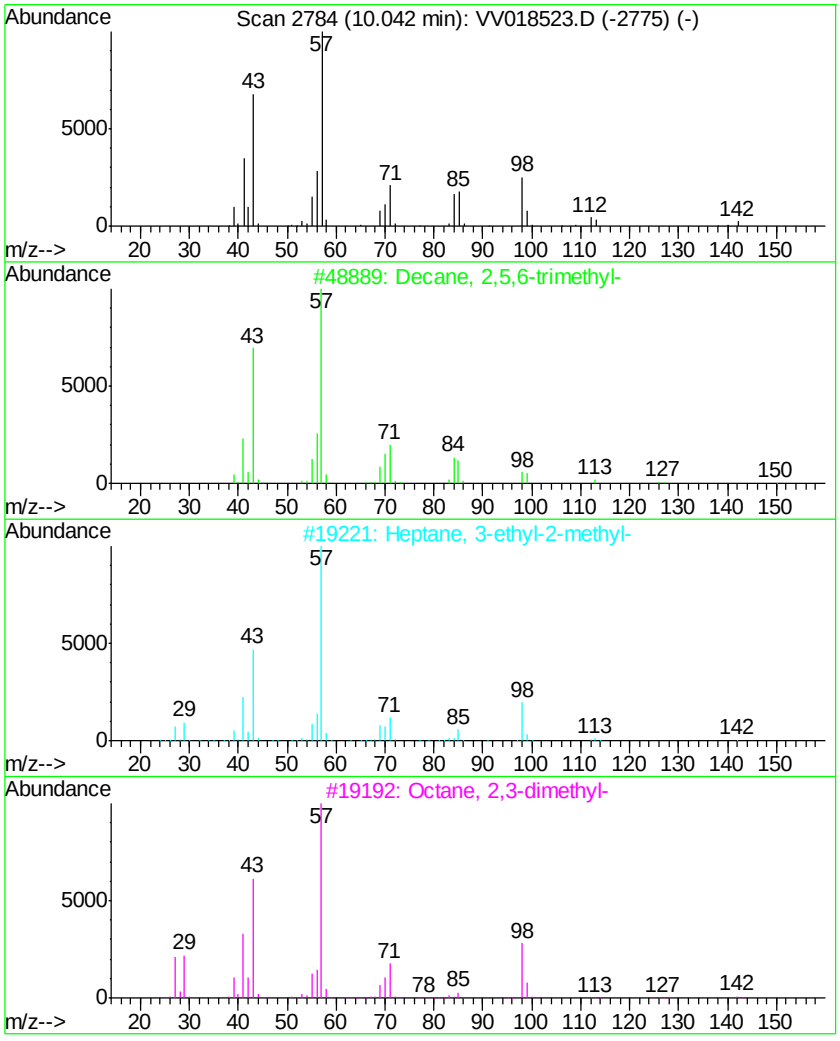
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

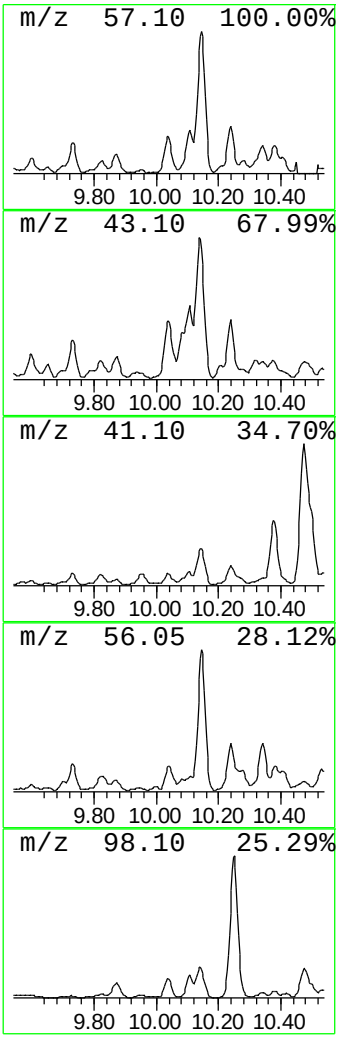
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	4.36 ug/L	121780	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	Decane	142	C10H22	000124-18-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

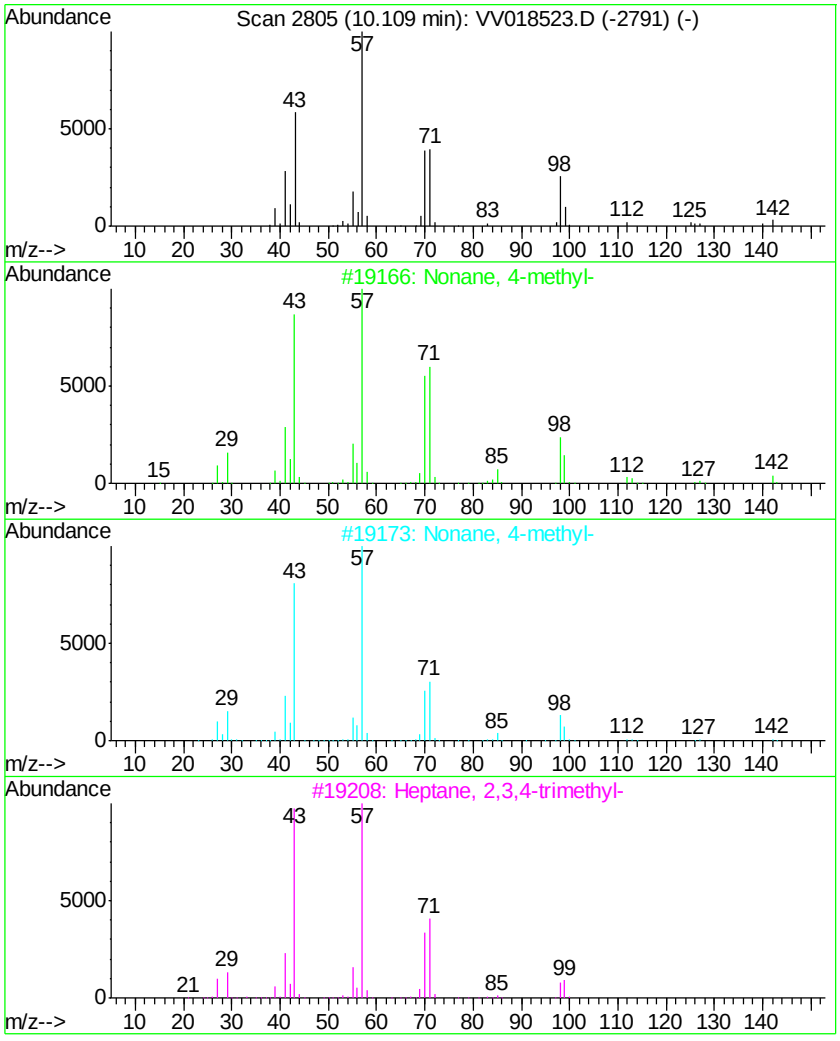
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

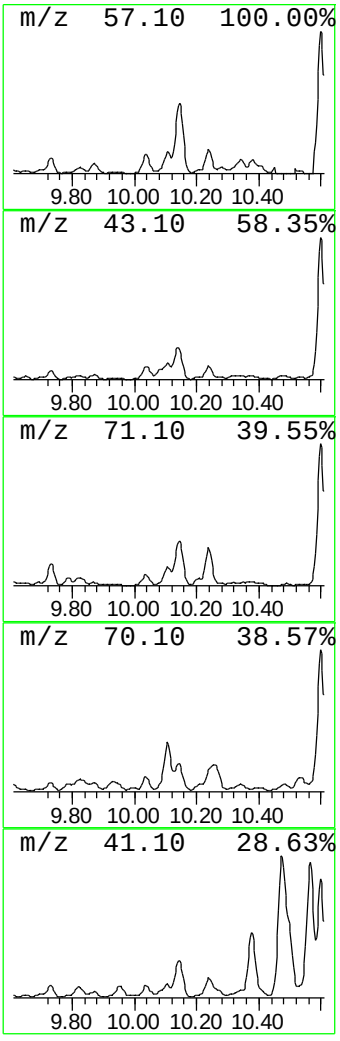
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	3.49 ug/L	182694	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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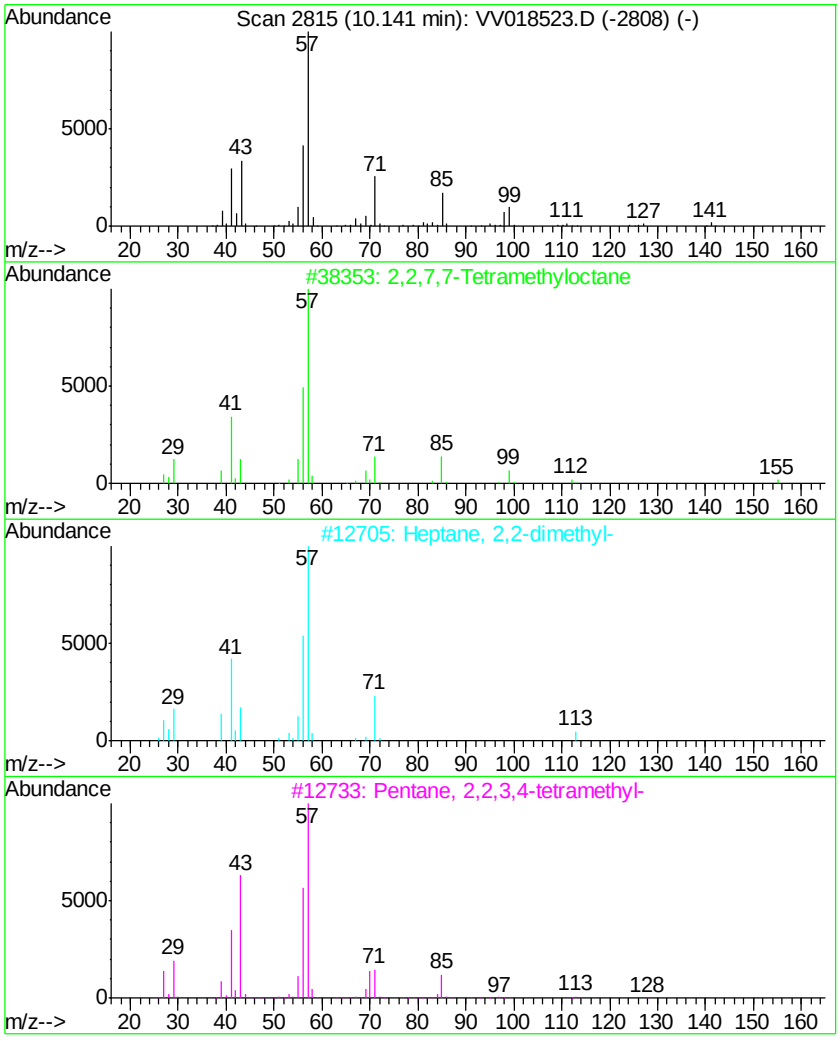
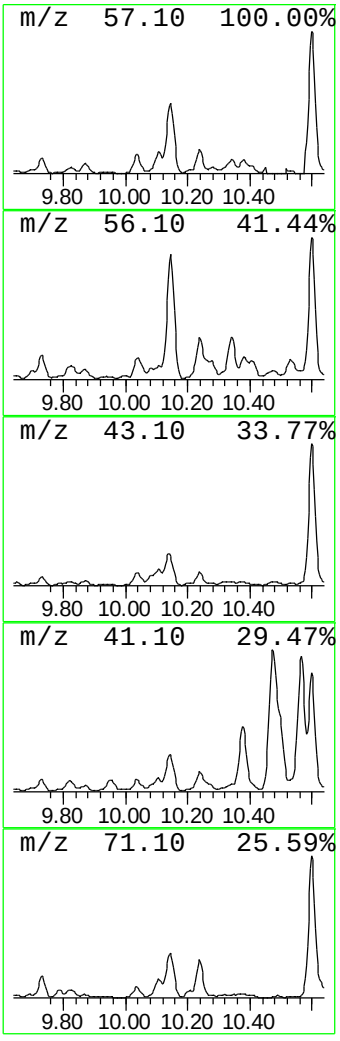
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	10.12 ug/L	529997	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

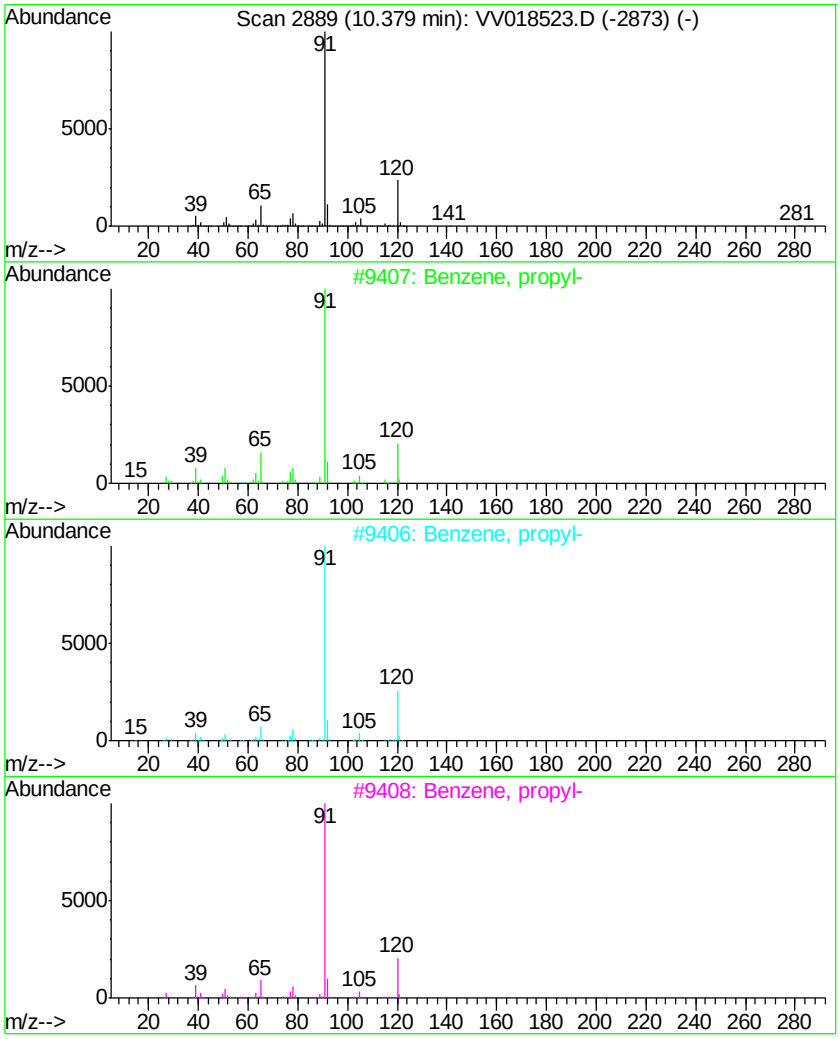
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

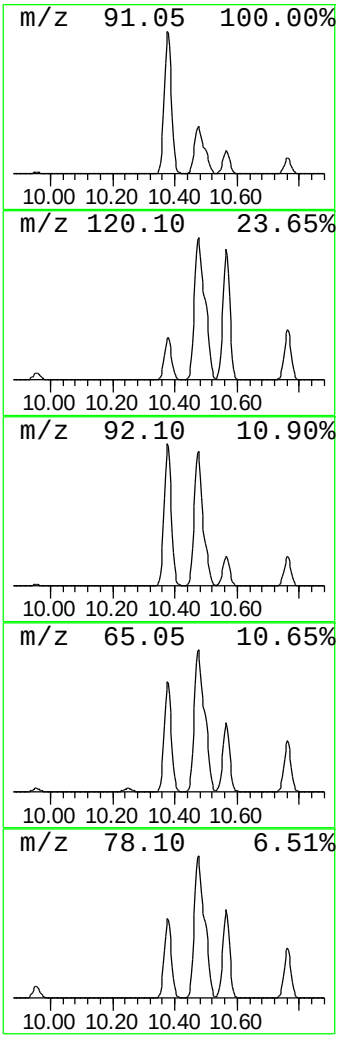
****

Peak Number 22 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	158.78 ug/L	8318190	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

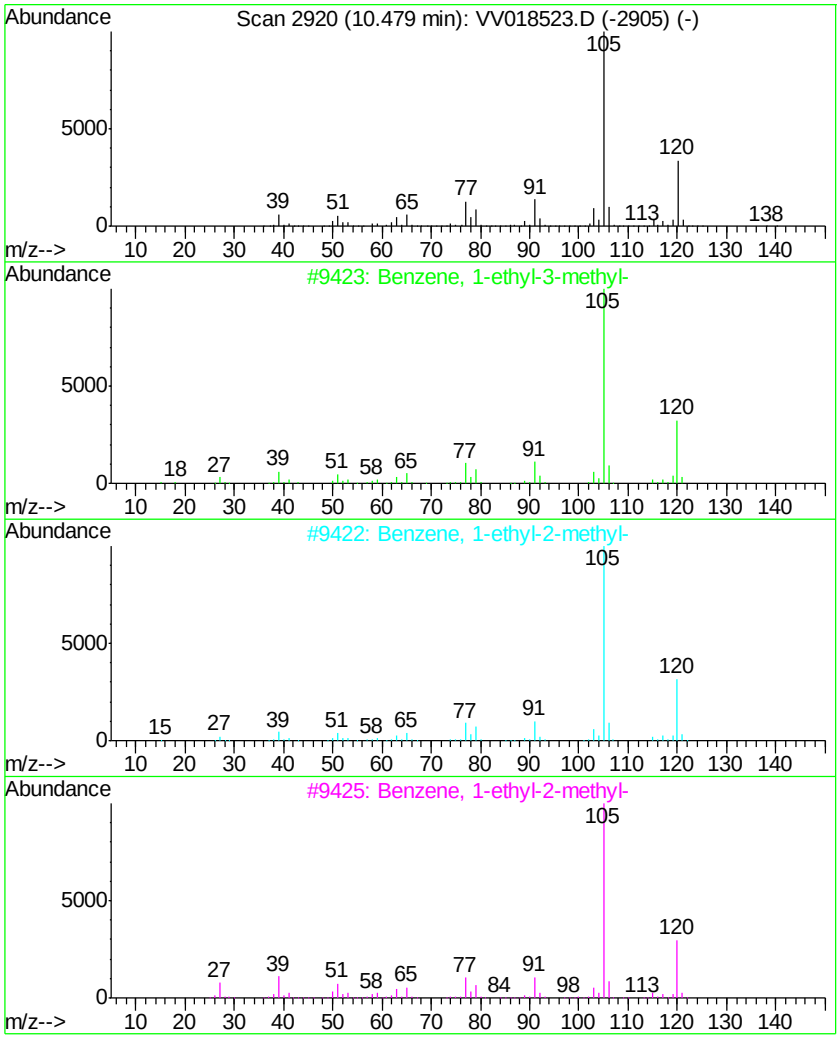
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

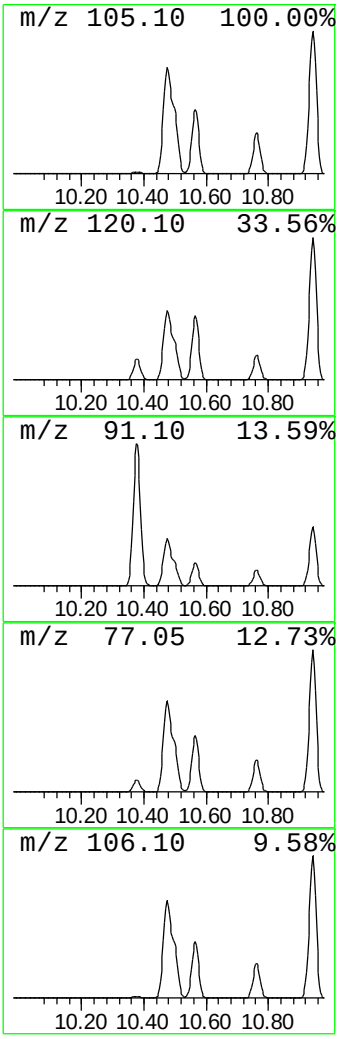
****

Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	720.05 ug/L	37721300	1,4-Dichlorobenzene-d4	11.28

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	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

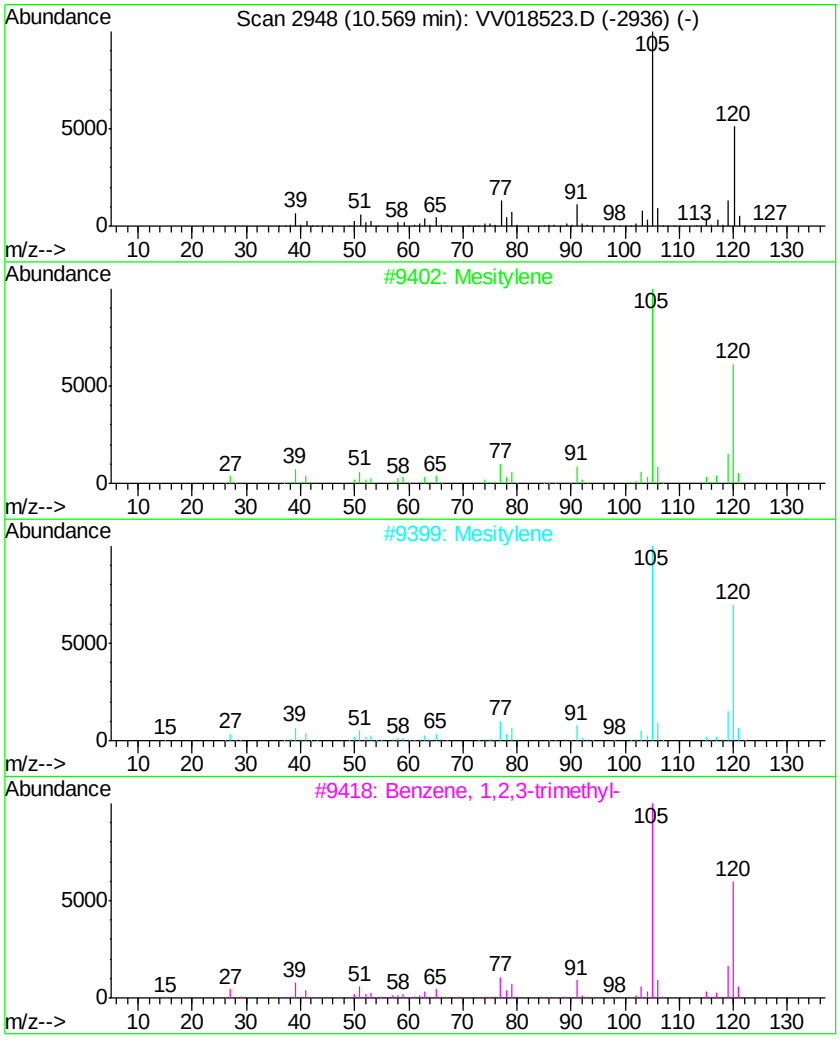
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

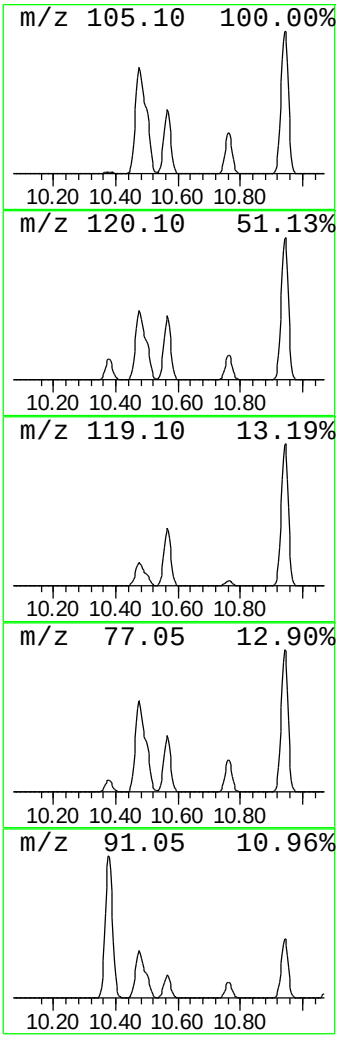
****

Peak Number 24 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	341.93 ug/L	17912800	1,4-Dichlorobenzene-d4	11.28

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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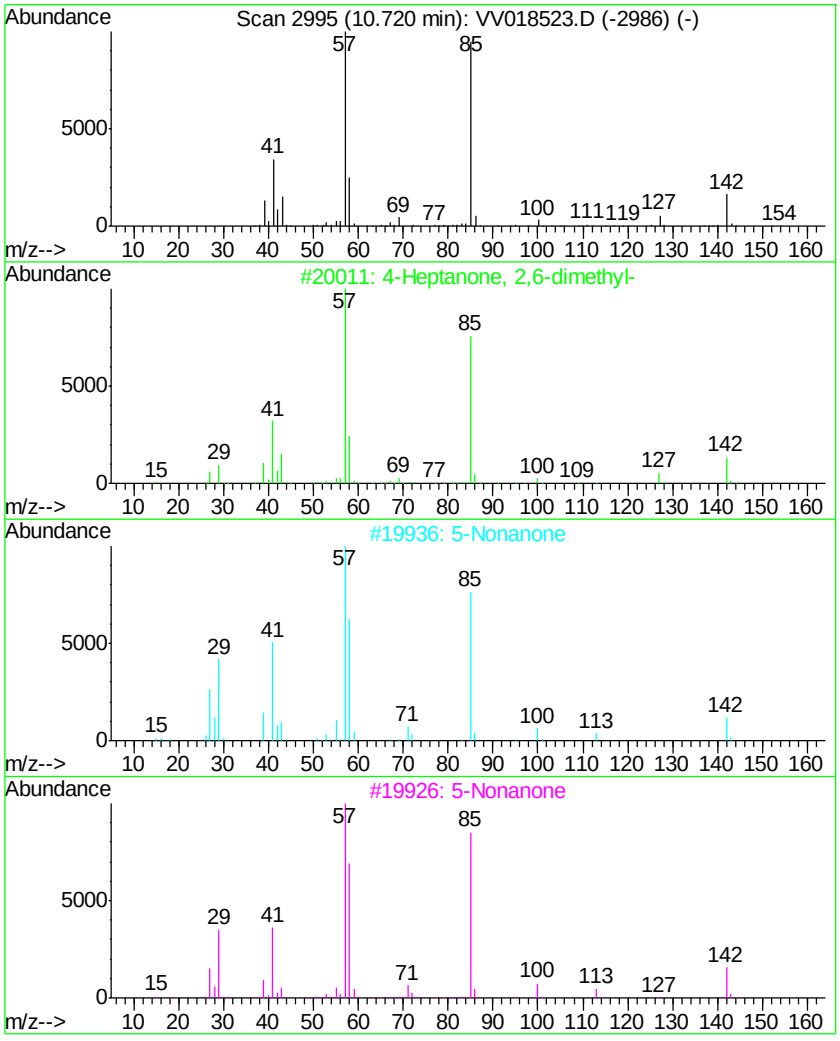
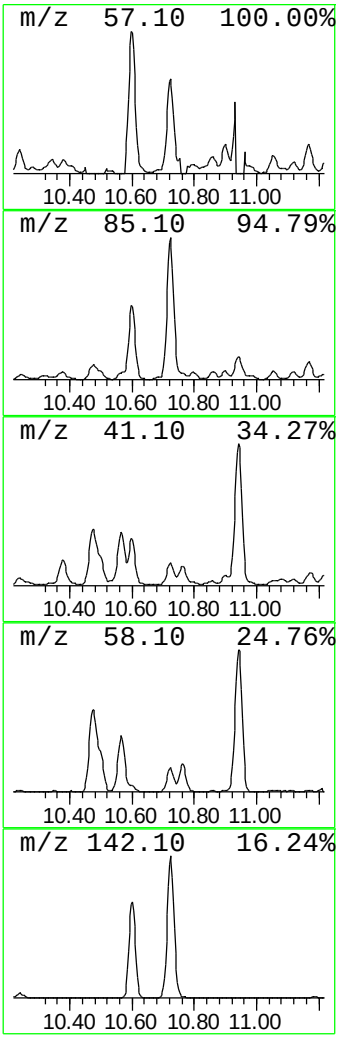
Peak Number 25 4-Heptanone, 2,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	11.17 ug/L	585026	1,4-Dichlorobenzene-d4	11.28

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	5-Nonanone	142	C9H18O	000502-56-7	59
4	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

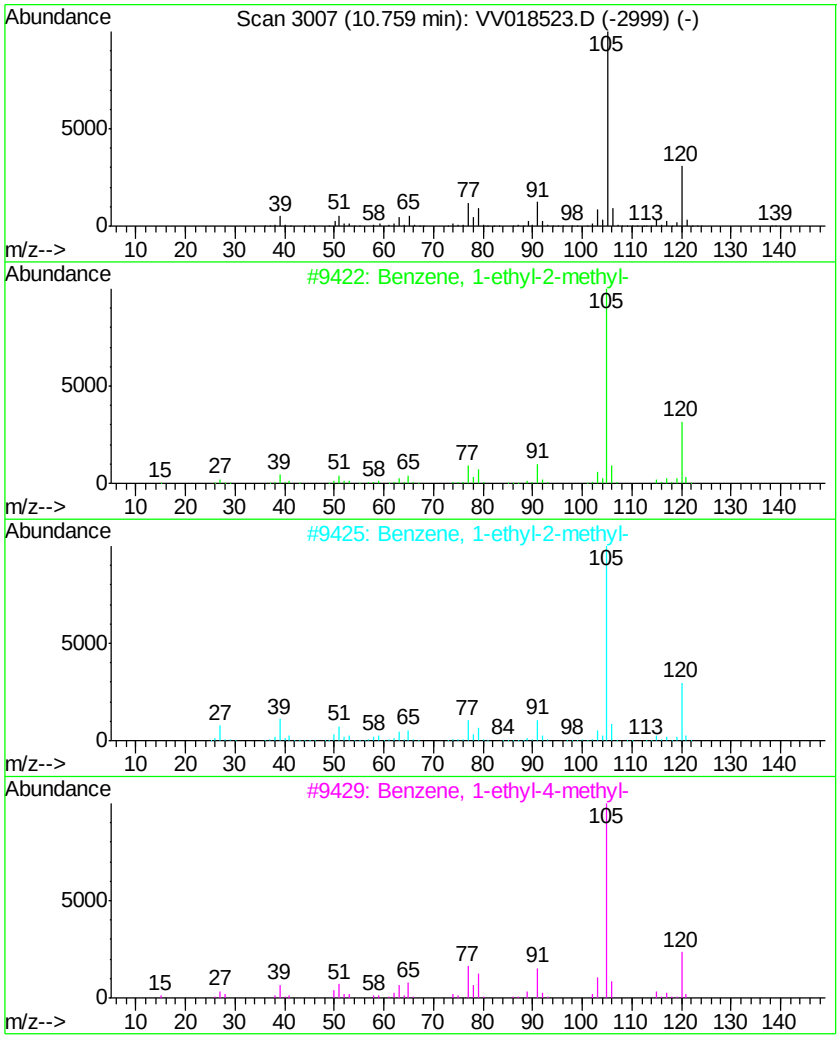
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

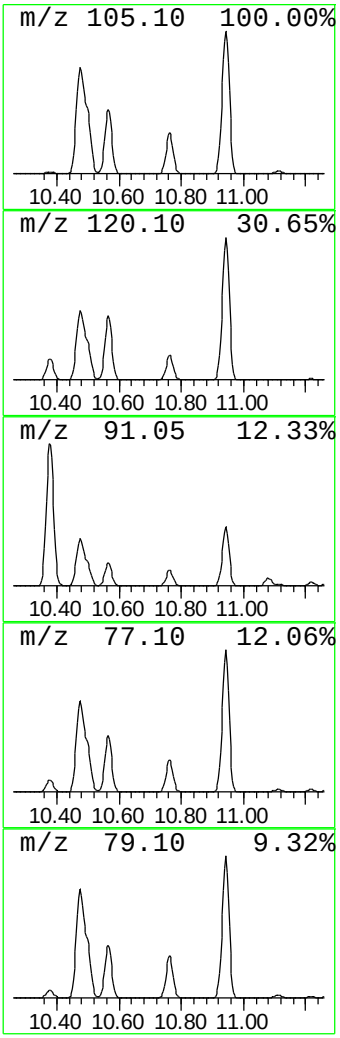
****

Peak Number 26 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	175.84 ug/L	9211700	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

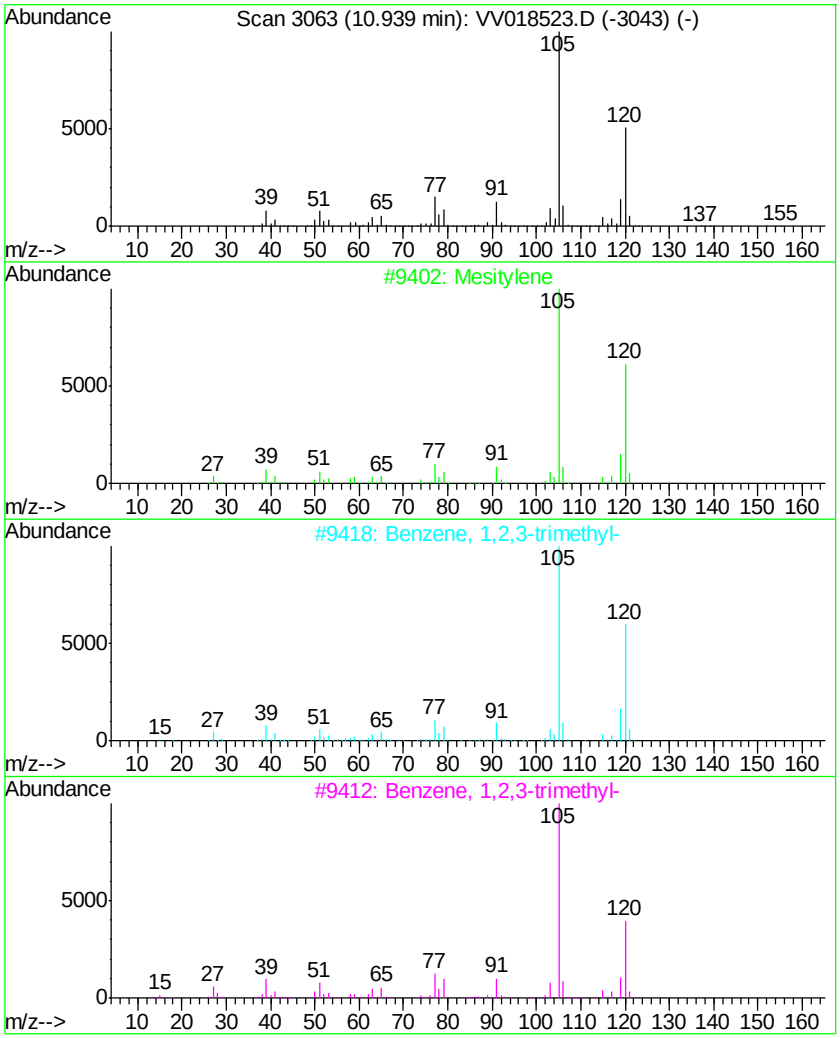
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

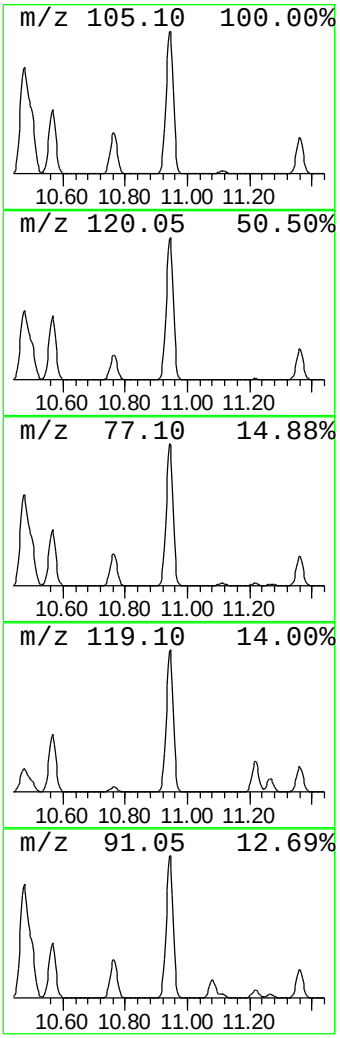
****

Peak Number 27 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	787.58 ug/L	41258600	1,4-Dichlorobenzene-d4	11.28

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	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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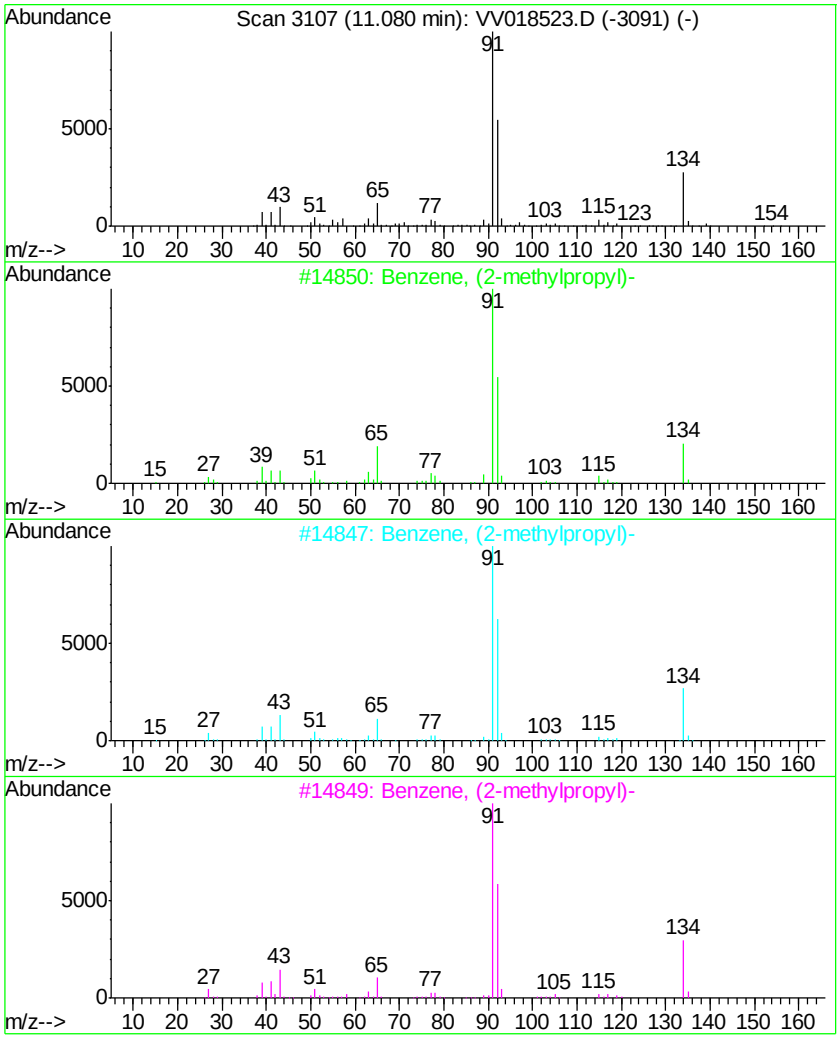
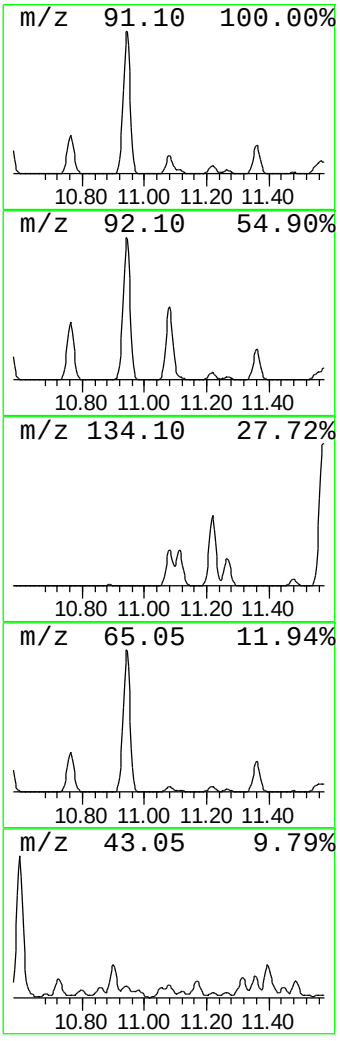
Peak Number 28 Benzene, (2-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	14.68 ug/L	769085	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

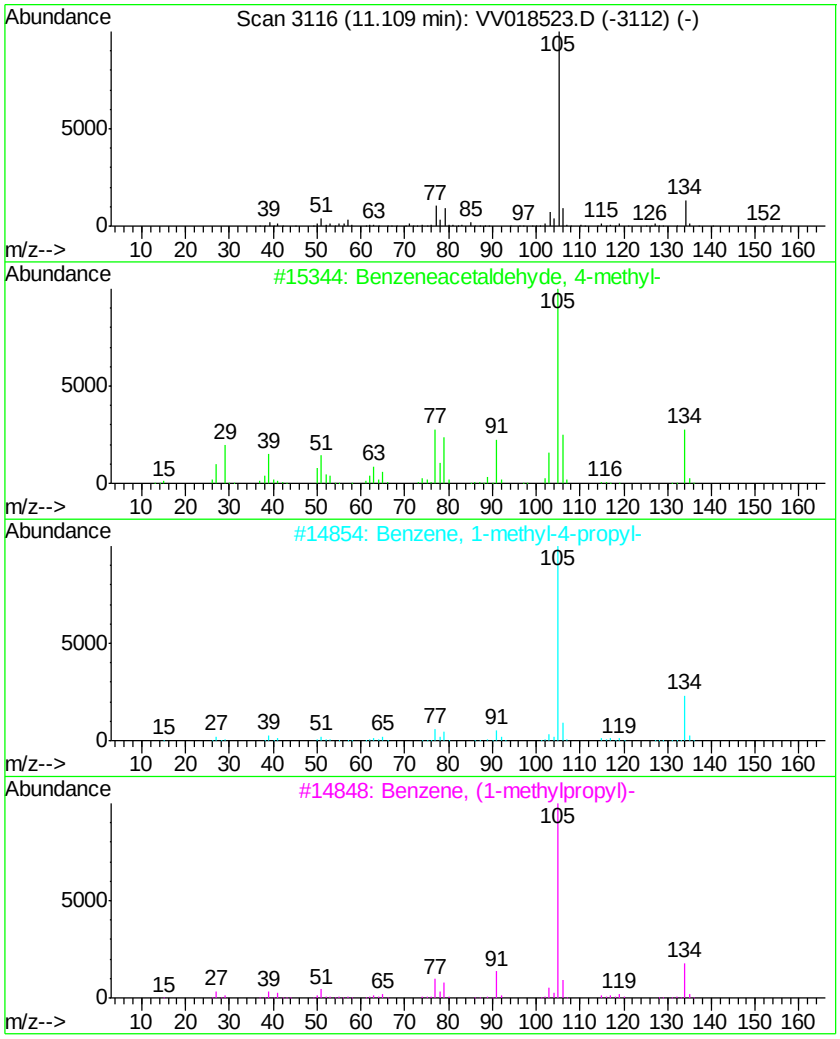
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

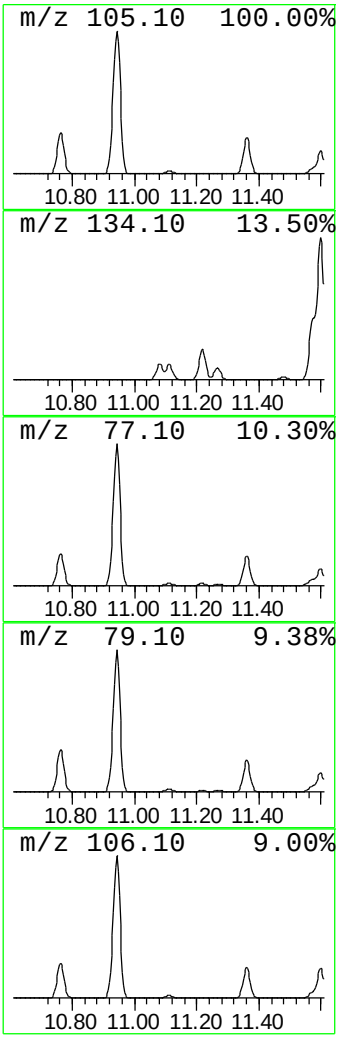
****

Peak Number 29 Benzeneacetaldehyde, 4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	12.45 ug/L	652319	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

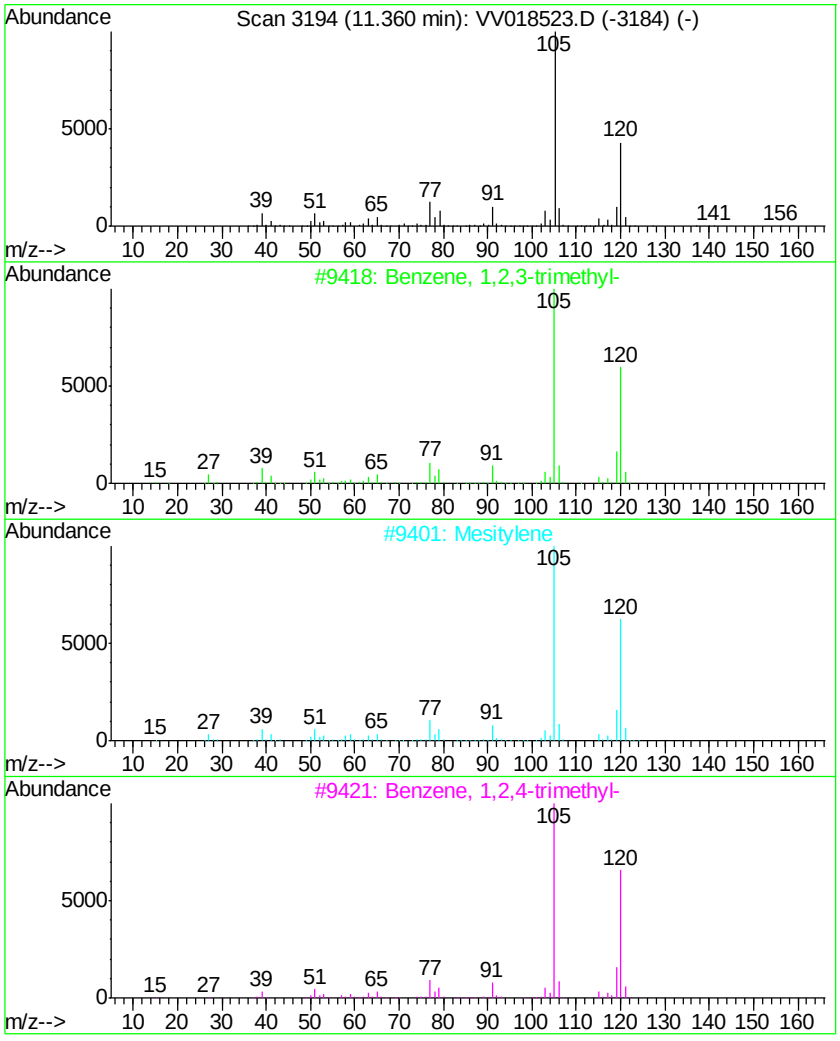
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

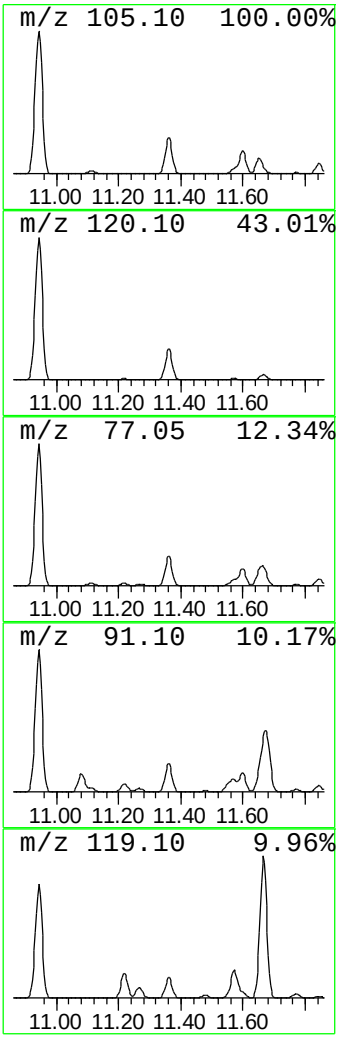
****

Peak Number 30 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	177.70 ug/L	9309360	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	Mesitylene	120	C9H12	000108-67-8	94
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	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

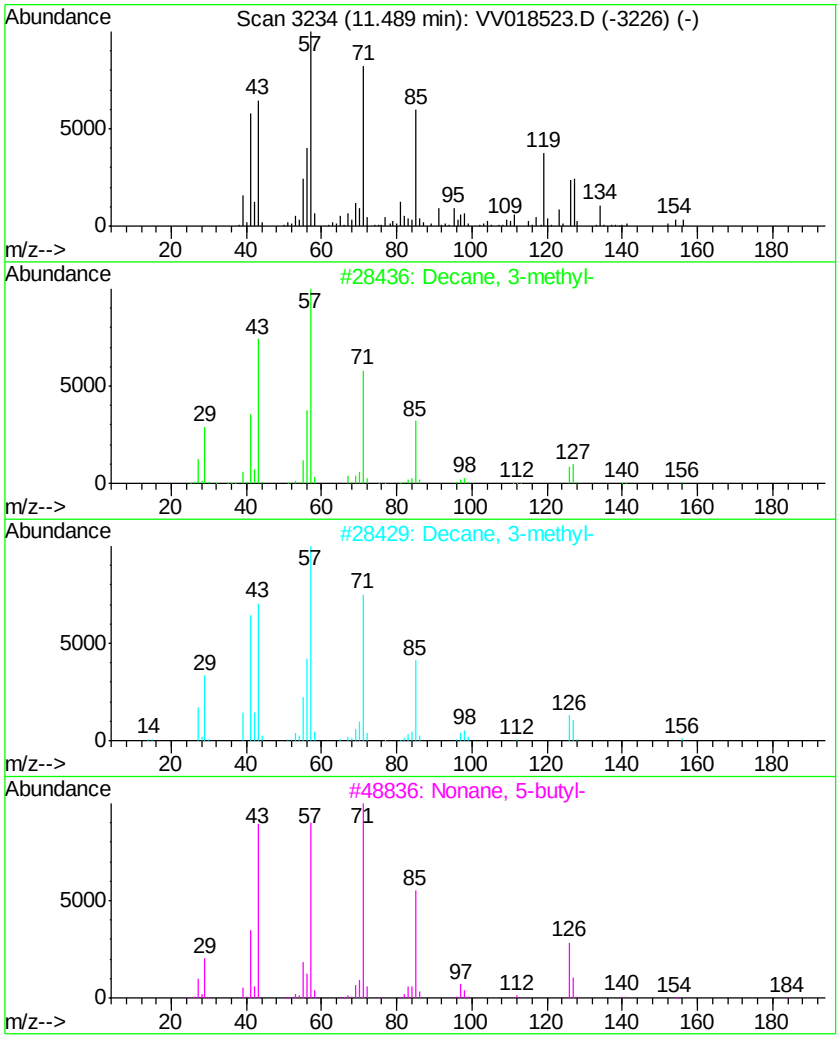
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

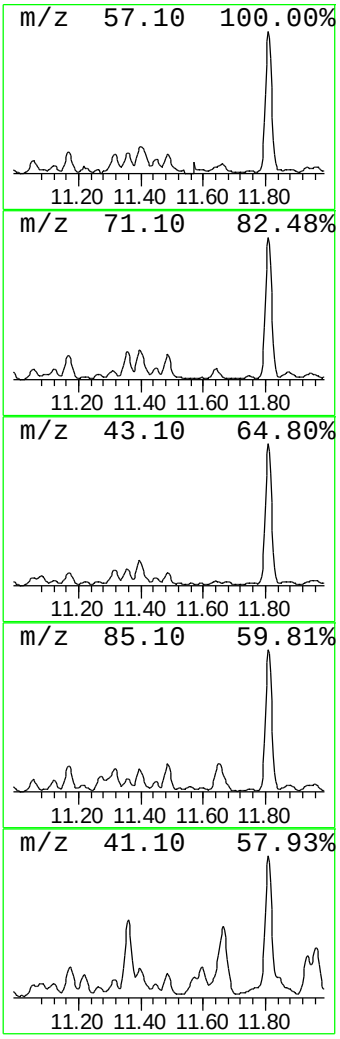
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	6.48 ug/L	339684	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Decane, 3-methyl-	156	C11H24	013151-34-3	50
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4	Octane, 2-methyl-	128	C9H20	003221-61-2	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

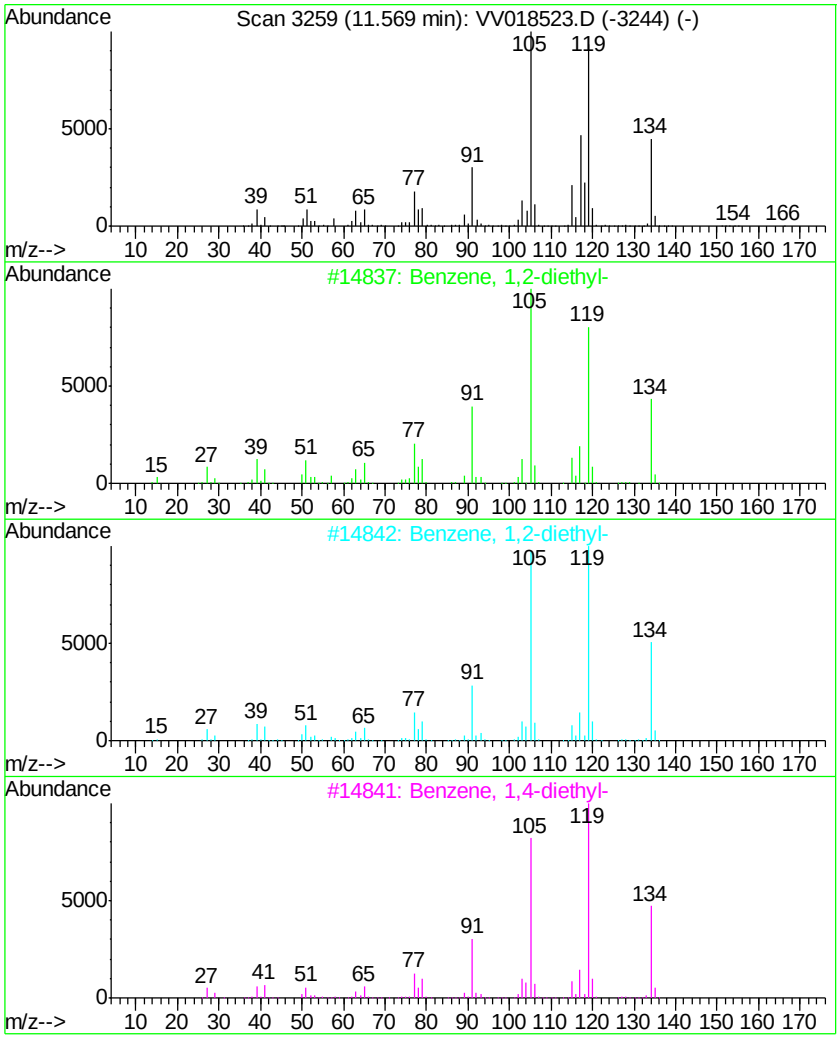
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

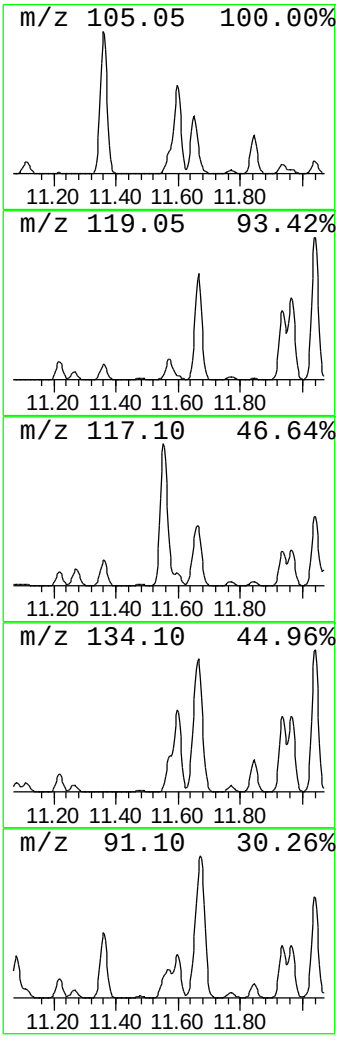
****

Peak Number 32 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	62.16 ug/L	3256620	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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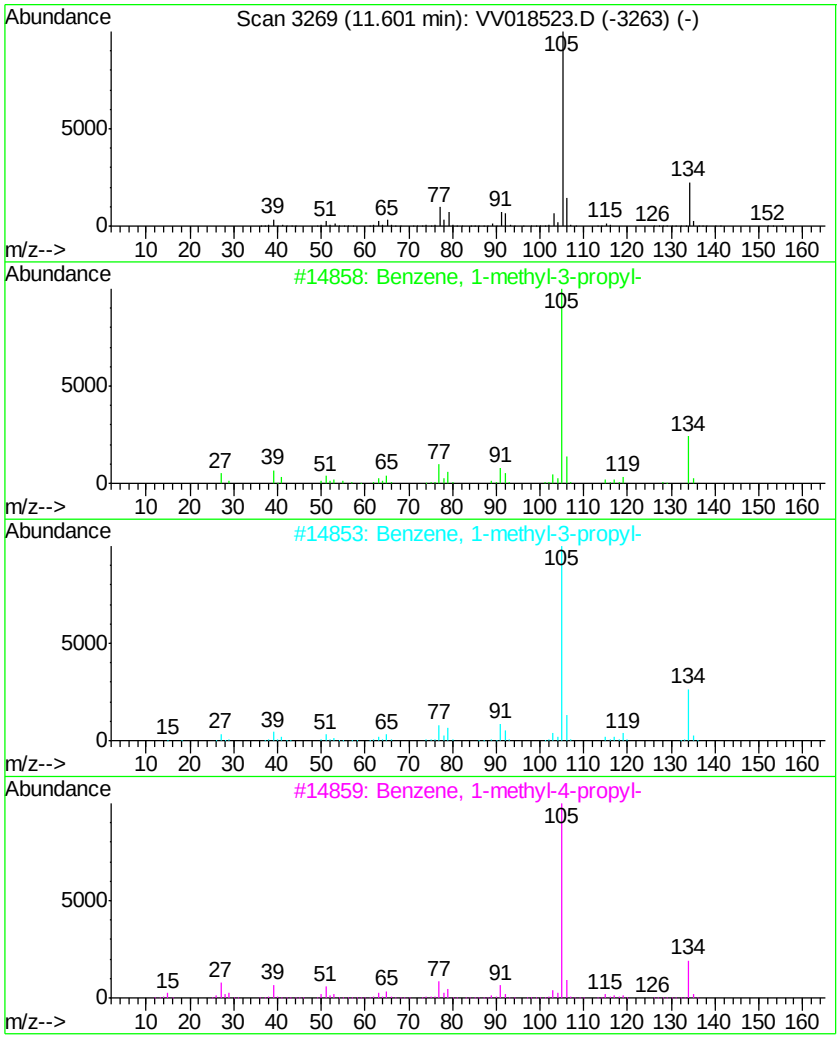
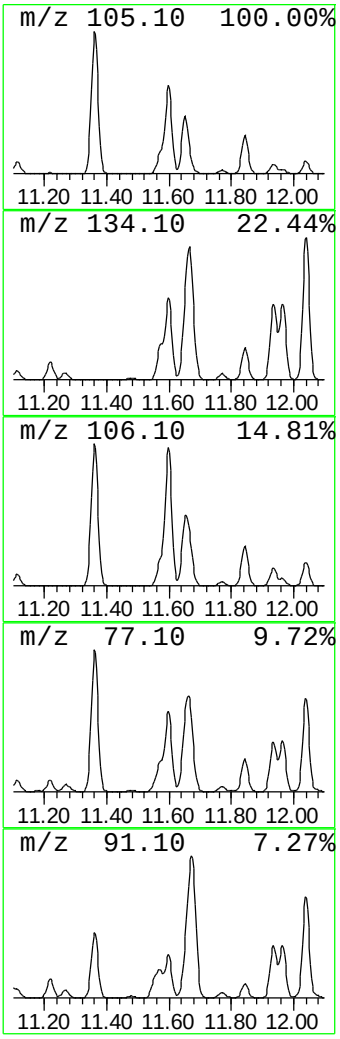
Peak Number 33 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	86.22 ug/L	4516560	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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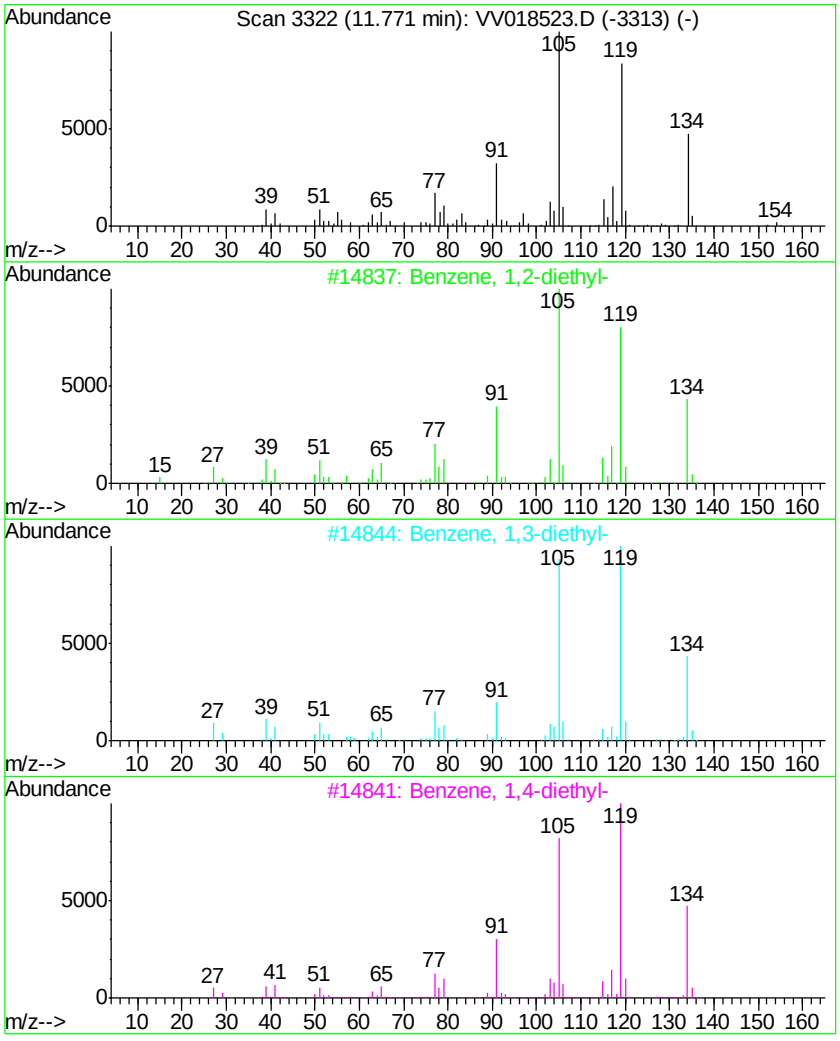
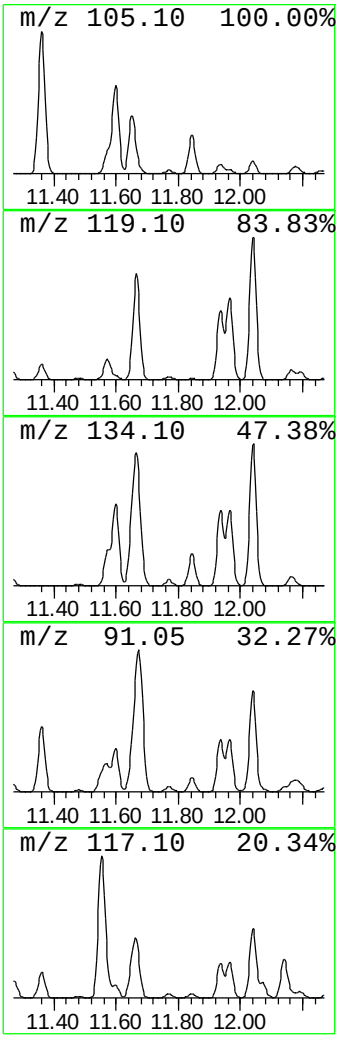
Peak Number 34 Benzene, 1,3-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.09 ug/L	371290	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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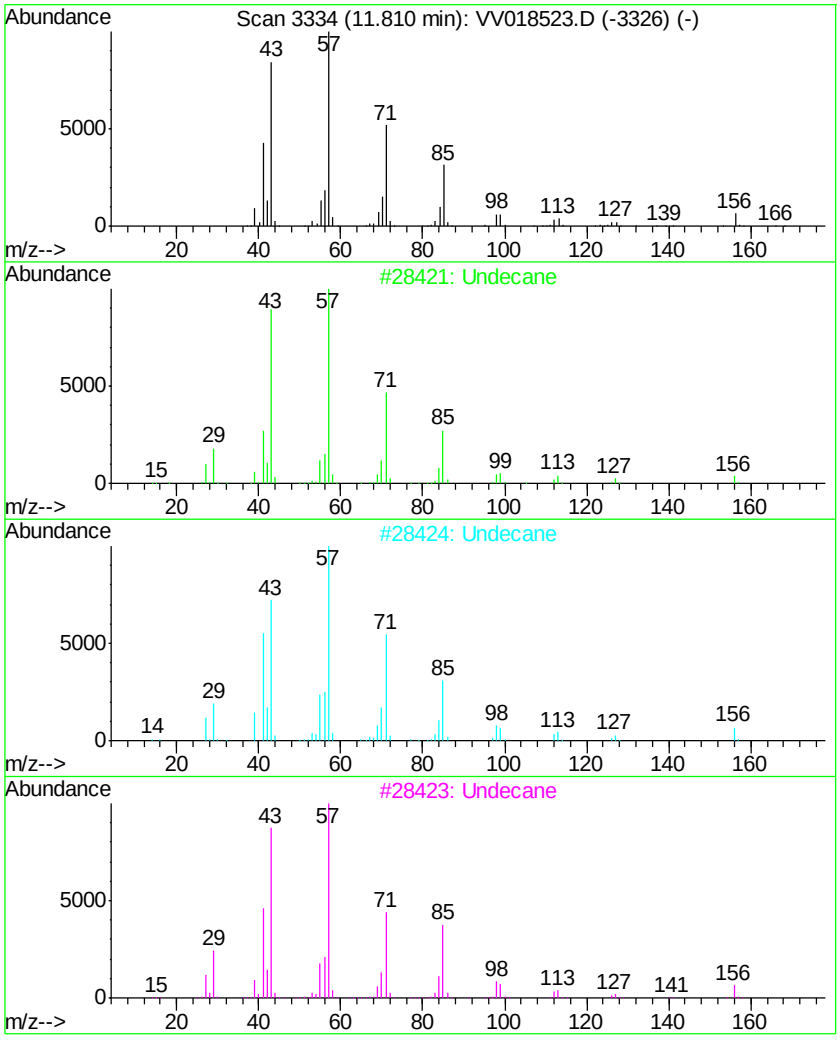
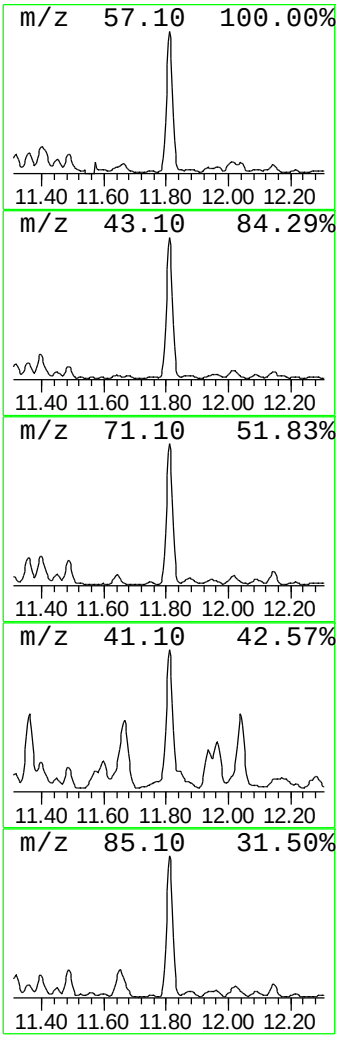
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	31.92 ug/L	1672250	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	96
3	Undecane	156	C11H24	001120-21-4	93
4	Undecane	156	C11H24	001120-21-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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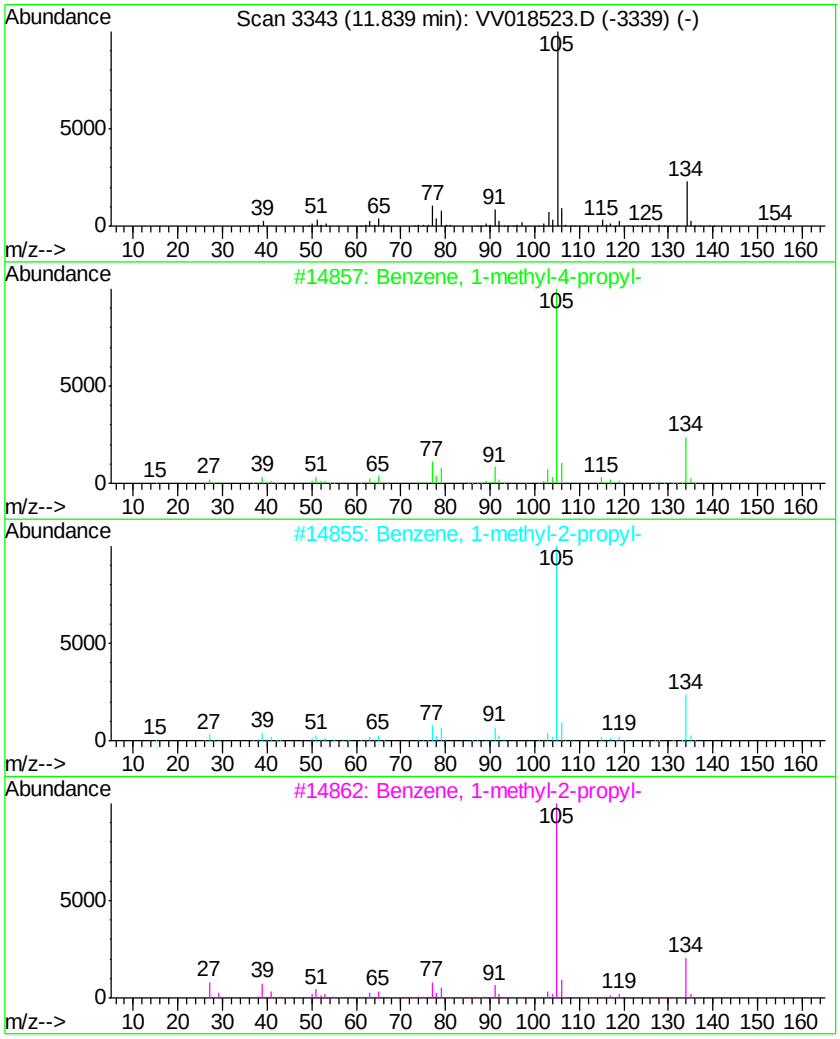
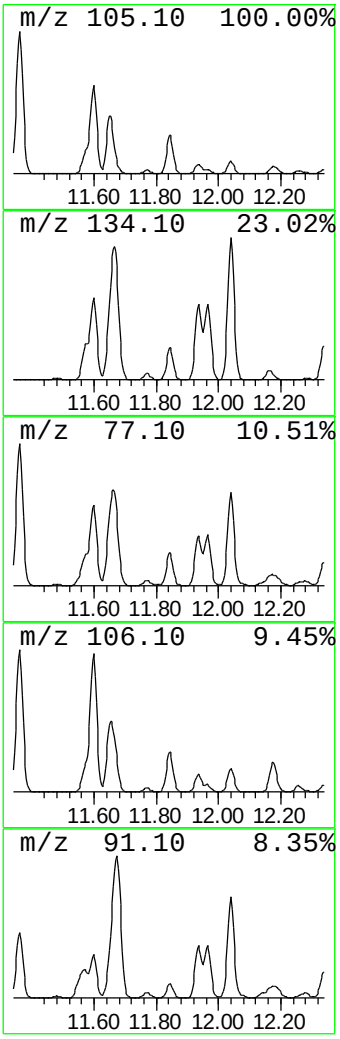
Peak Number 36 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	37.92 ug/L	1986580	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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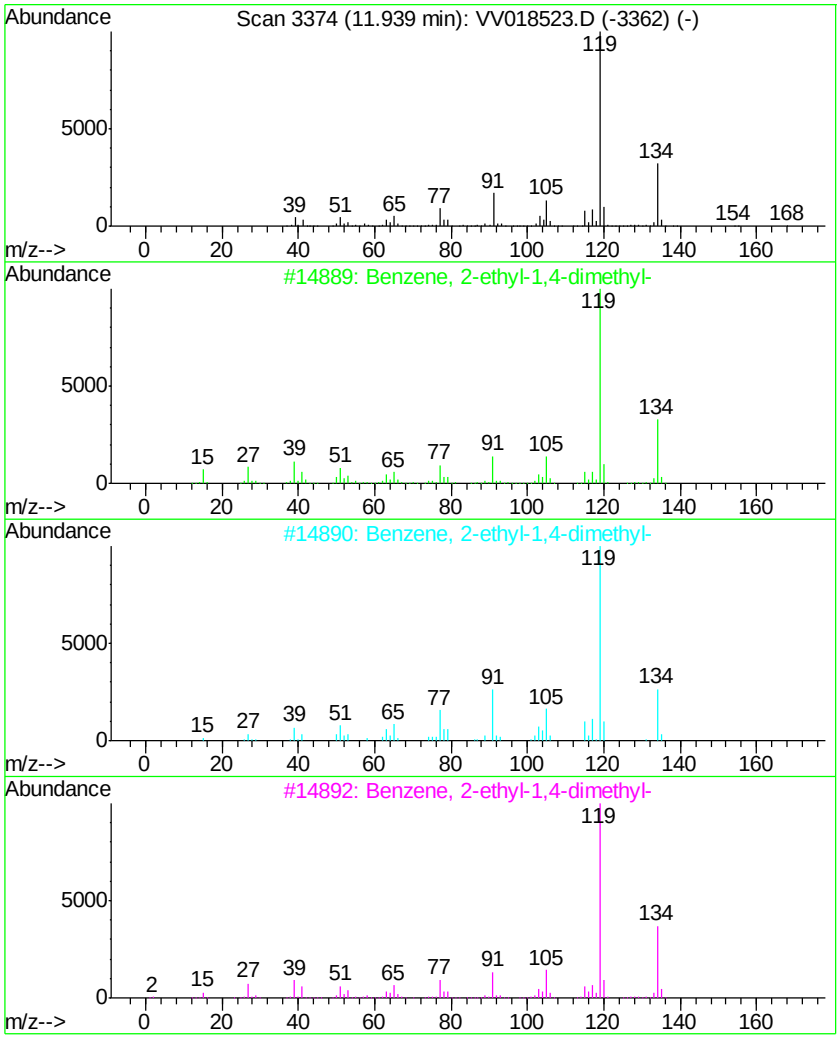
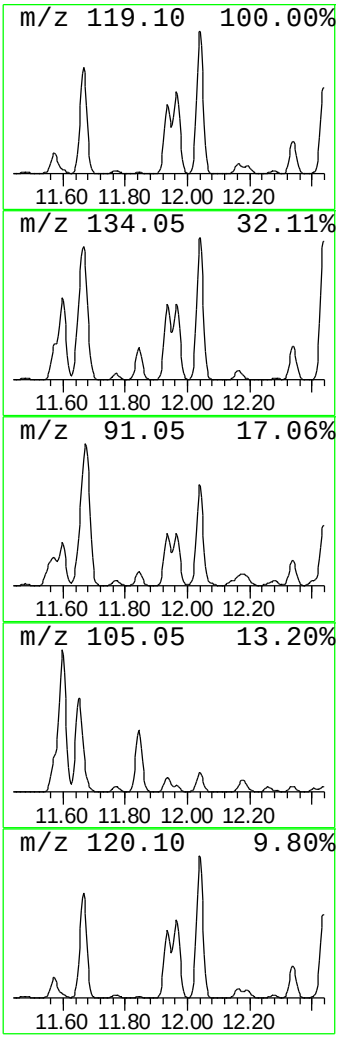
Peak Number 37 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	74.44 ug/L	3899420	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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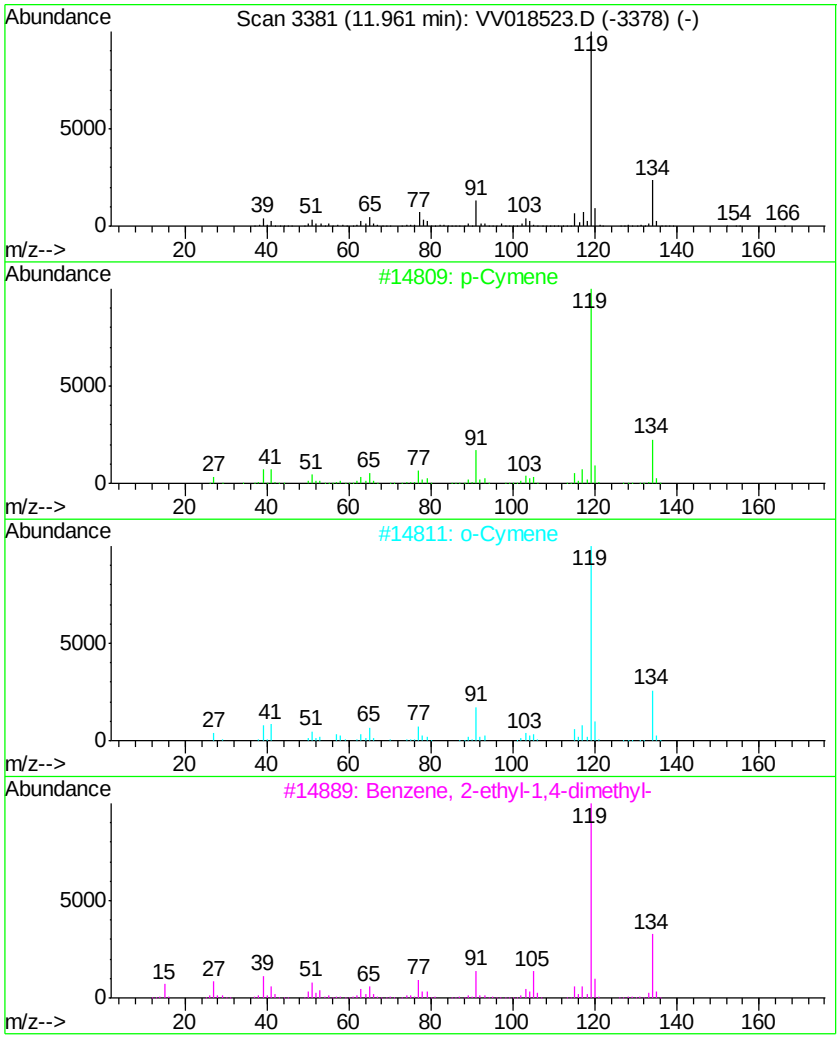
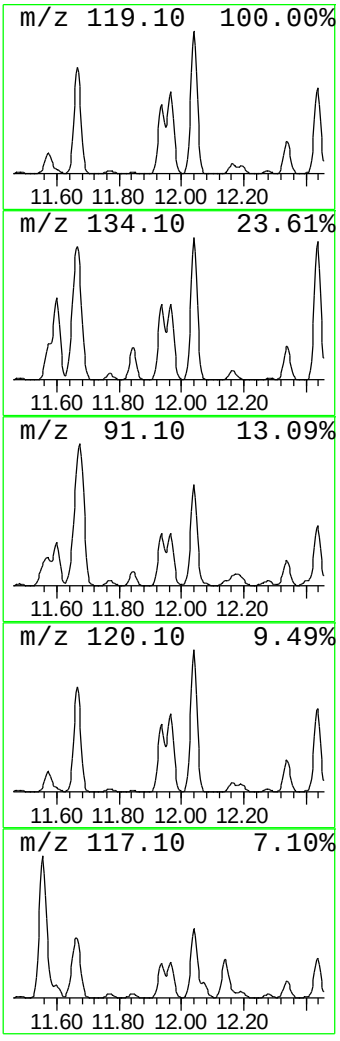
Peak Number 38 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	70.72 ug/L	3704540	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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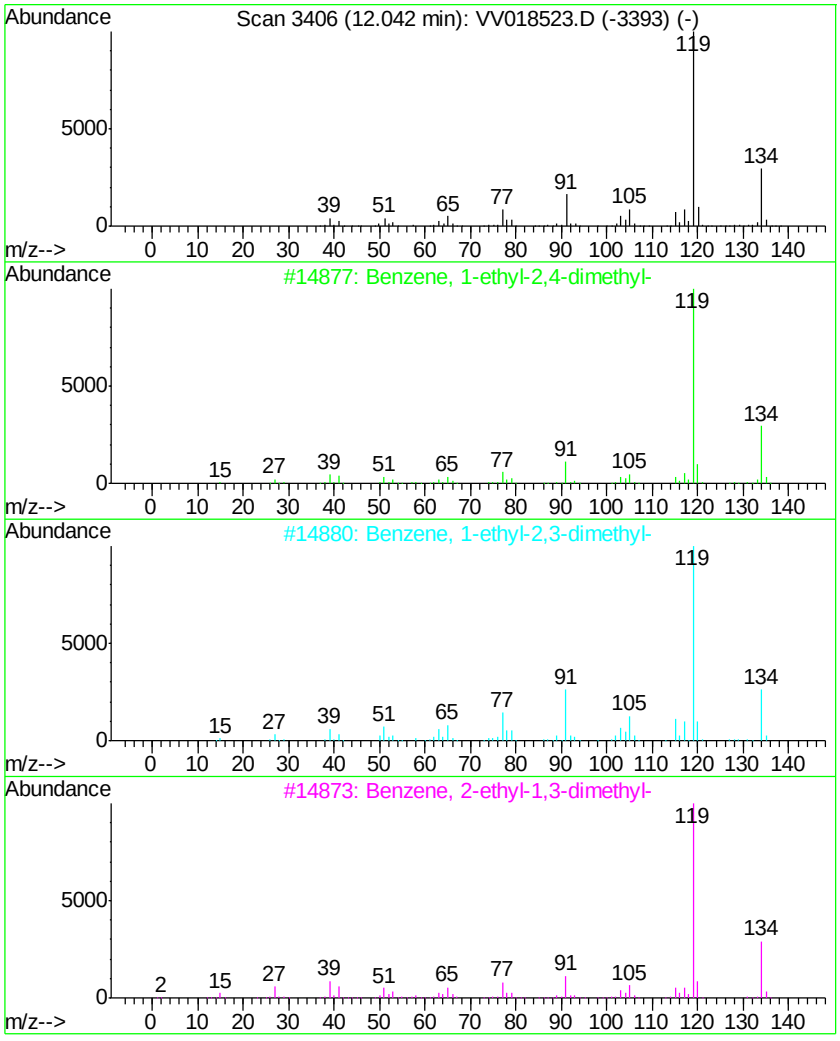
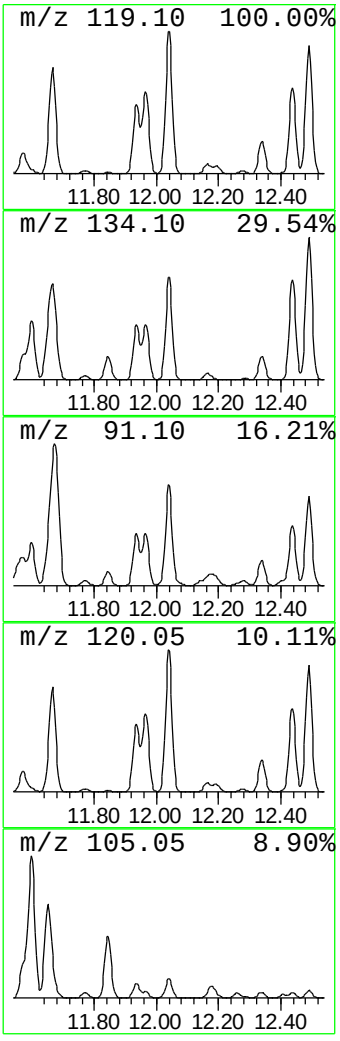
Peak Number 39 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	151.98 ug/L	7961680	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

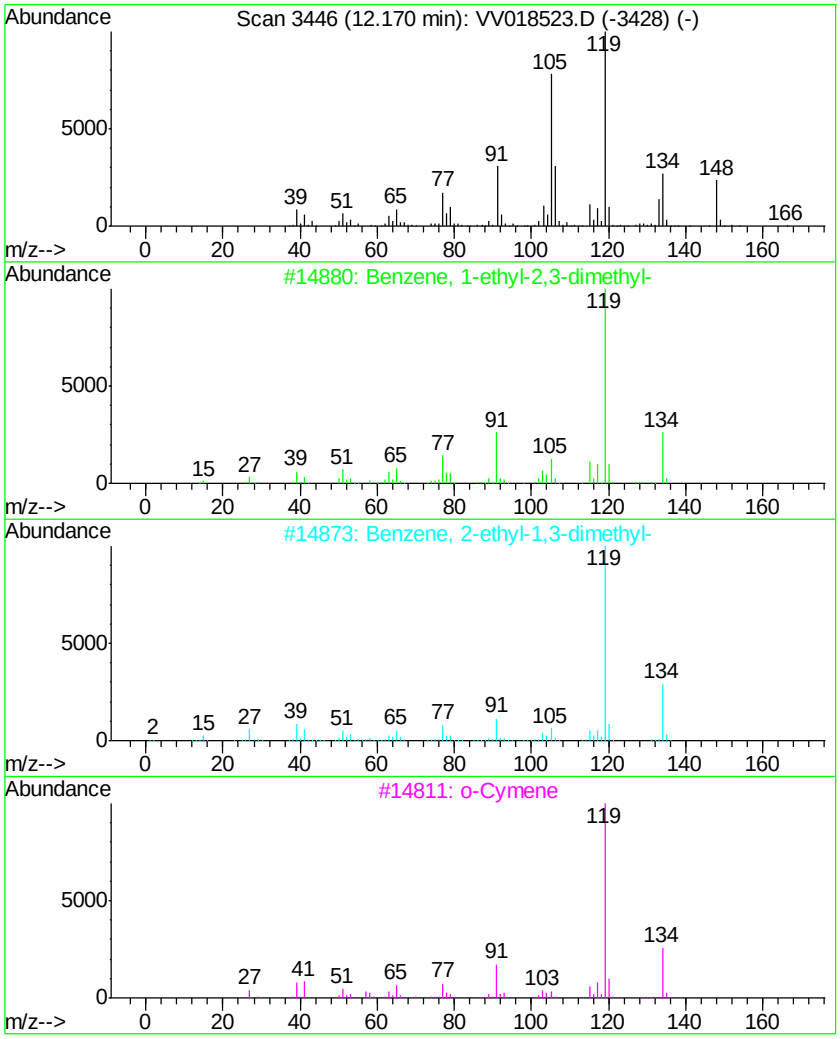
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

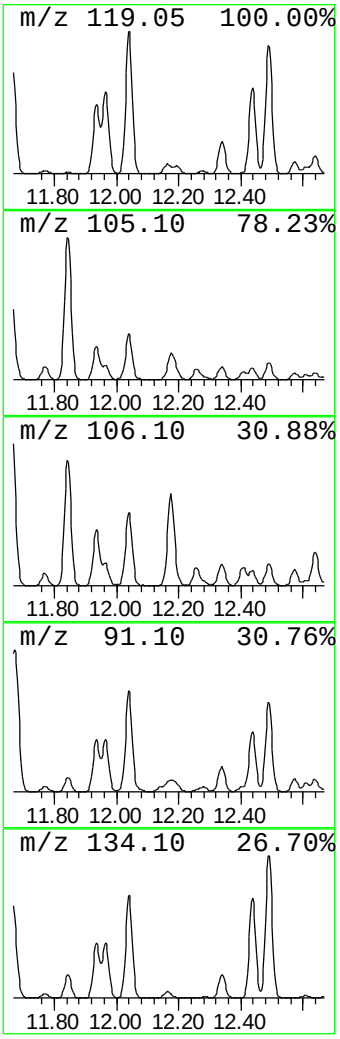
****

Peak Number 40 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	37.86 ug/L	1983140	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3	o-Cymene	134	C10H14	000527-84-4	78
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

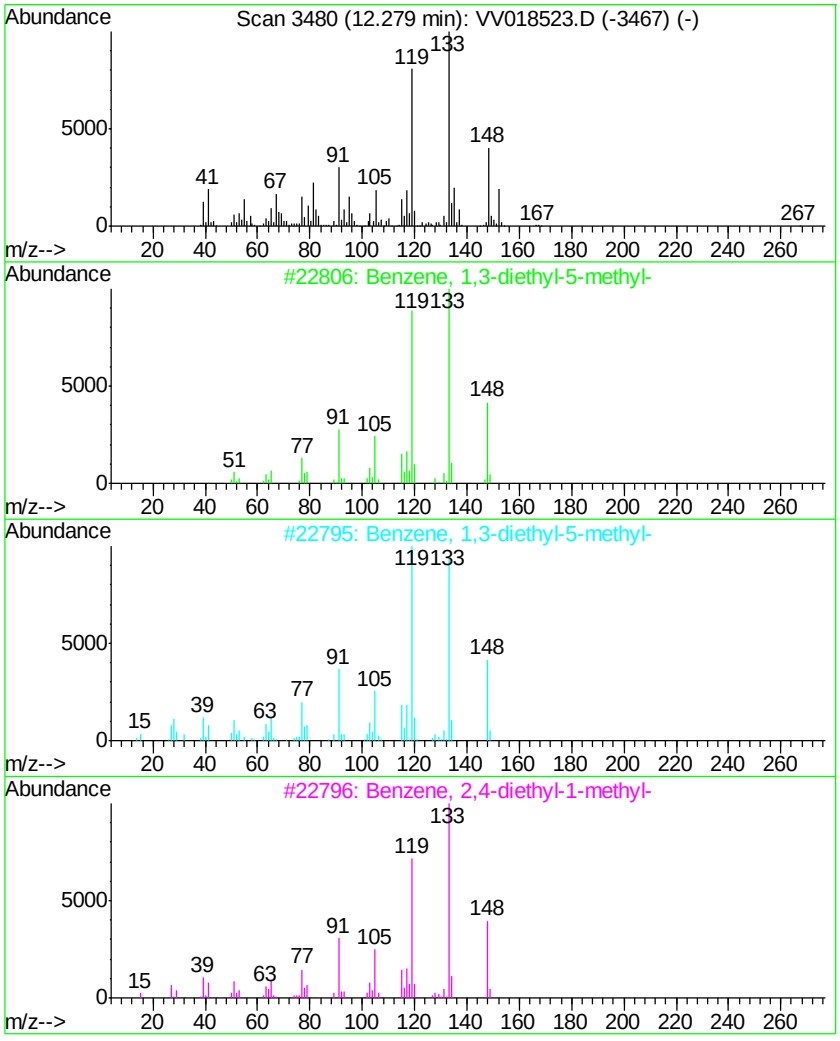
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

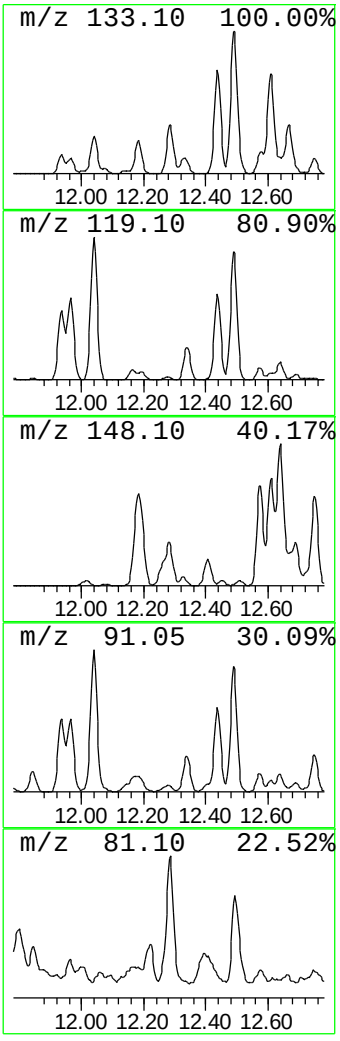
****

Peak Number 41 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	13.56 ug/L	710160	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	86
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

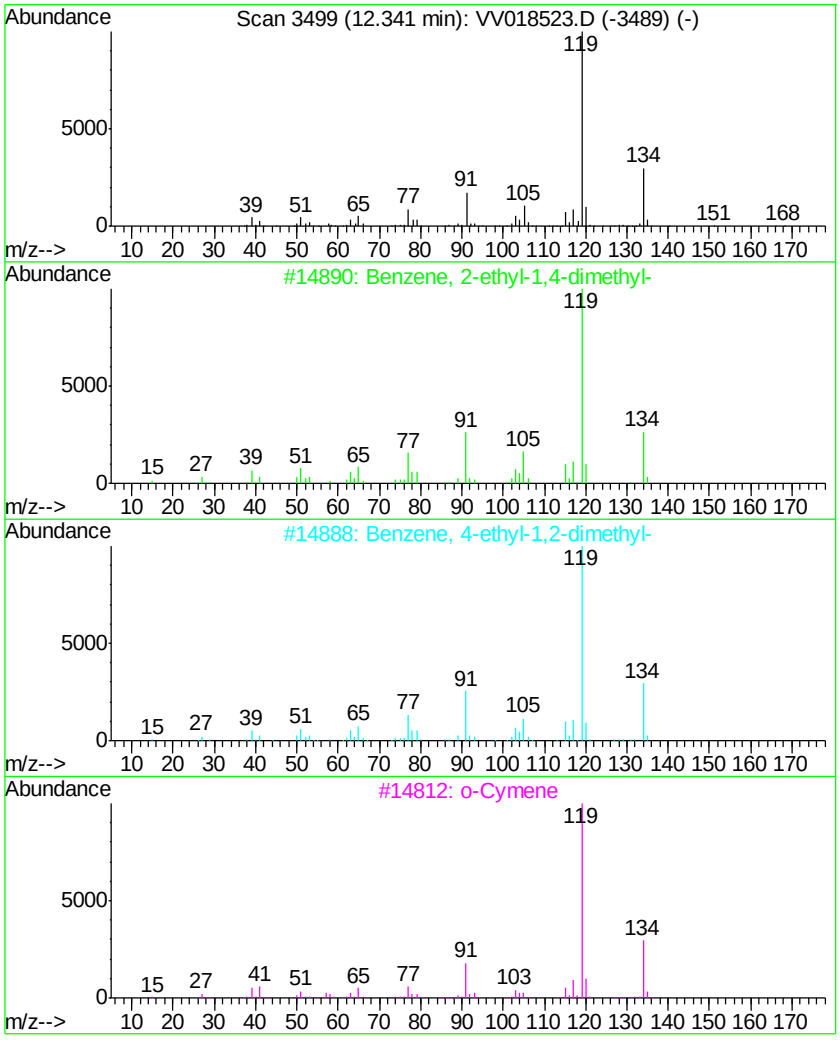
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

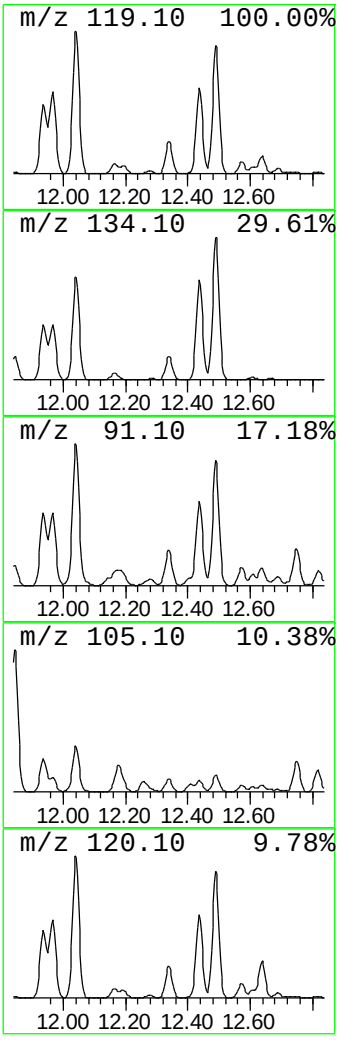
****

Peak Number 42 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	34.81 ug/L	1823840	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

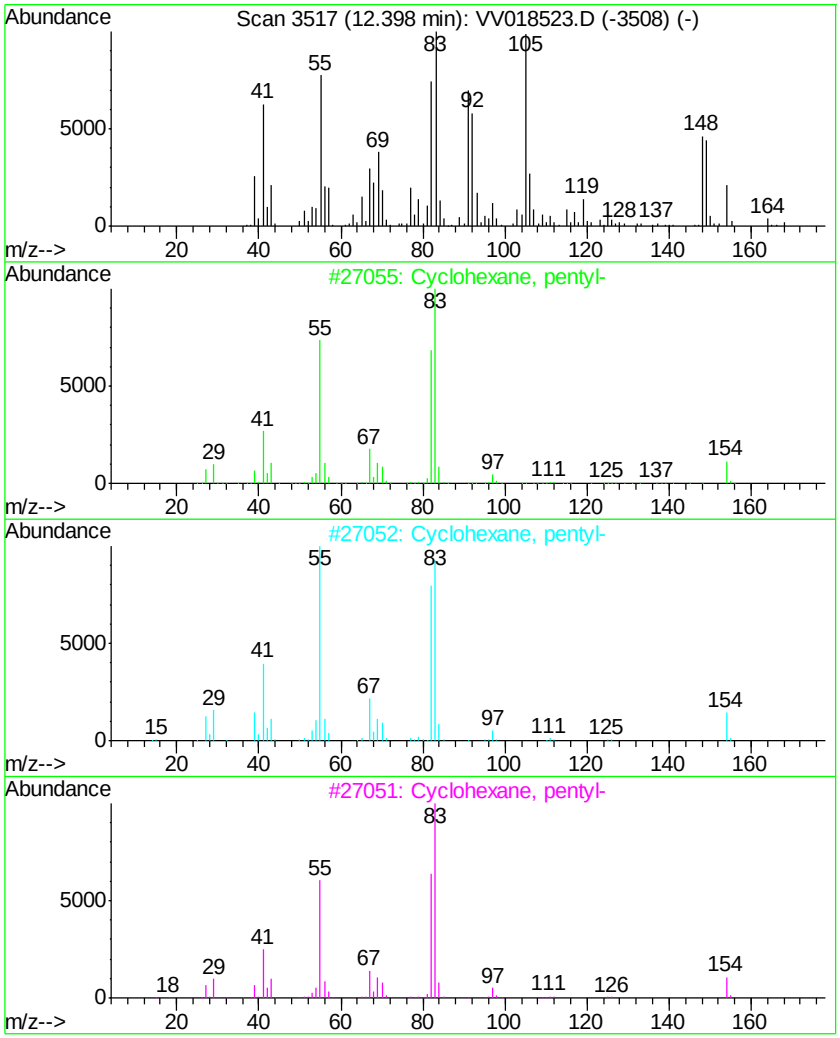
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

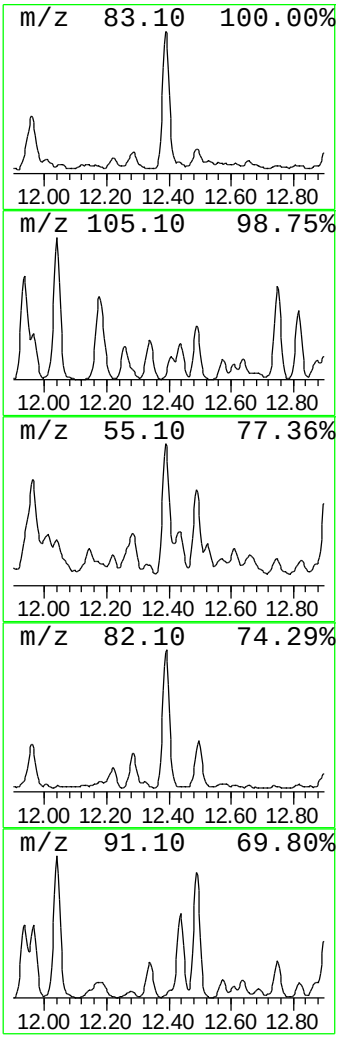
****

Peak Number 43 (DEL) Alkane: Cyclic12.40 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.63 ug/L	347457	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	35
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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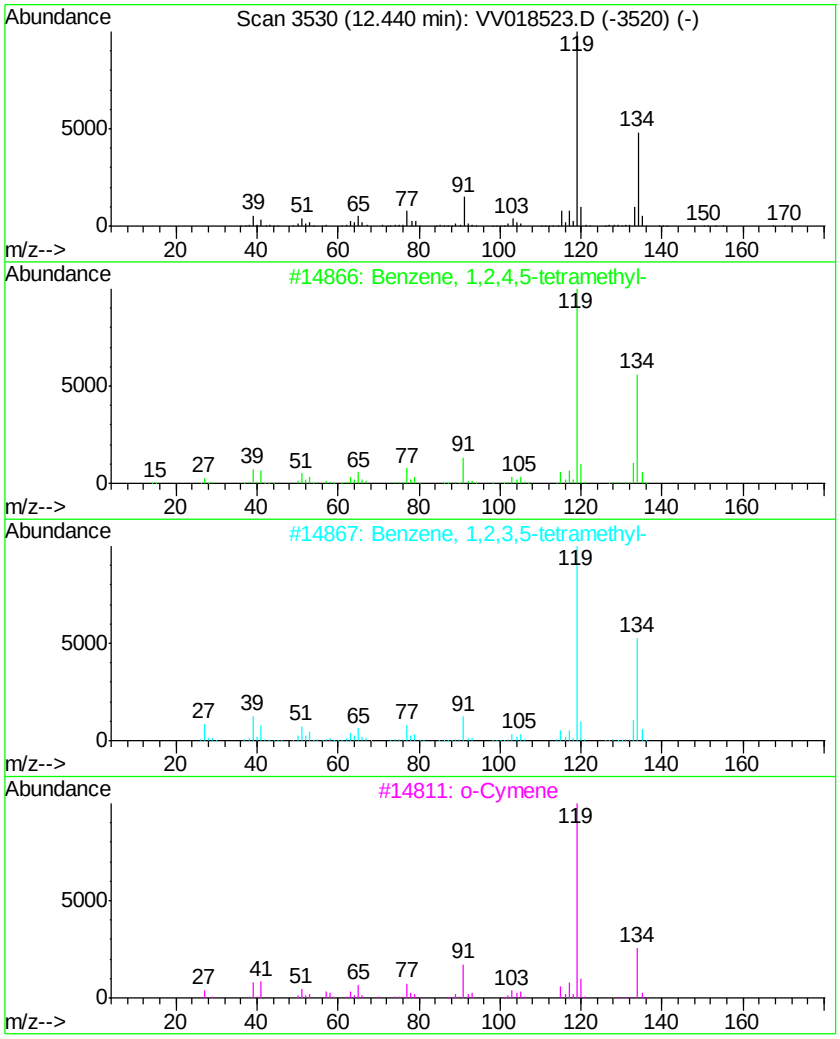
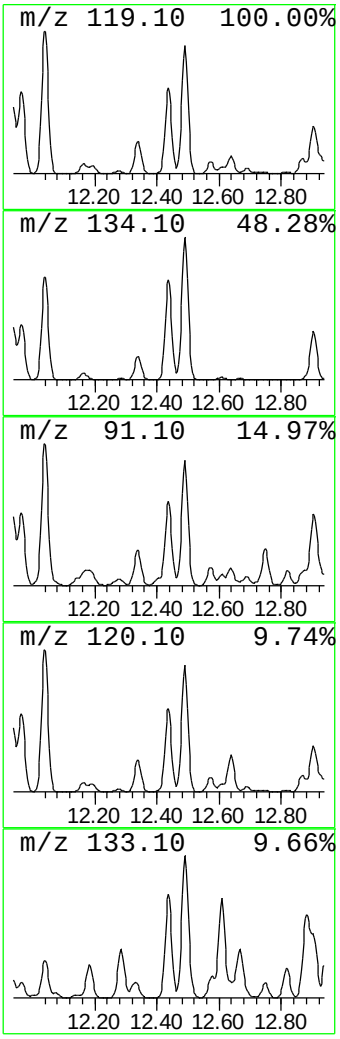
Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	88.85 ug/L	4654490	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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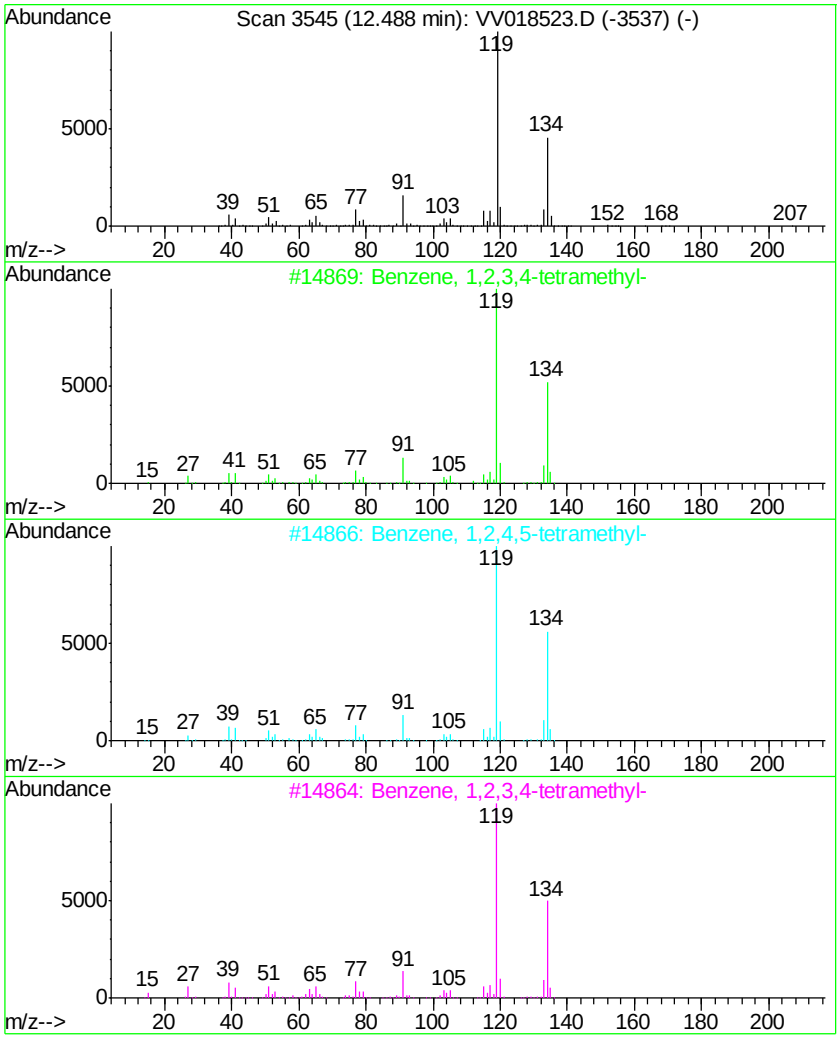
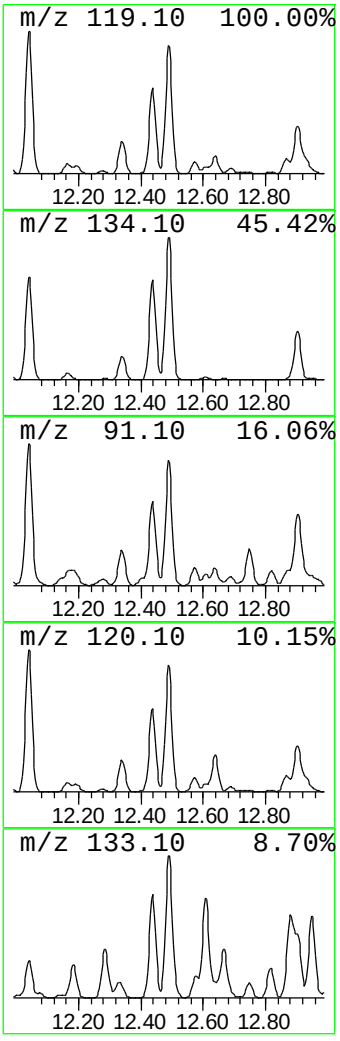
Peak Number 45 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	143.69 ug/L	7527490	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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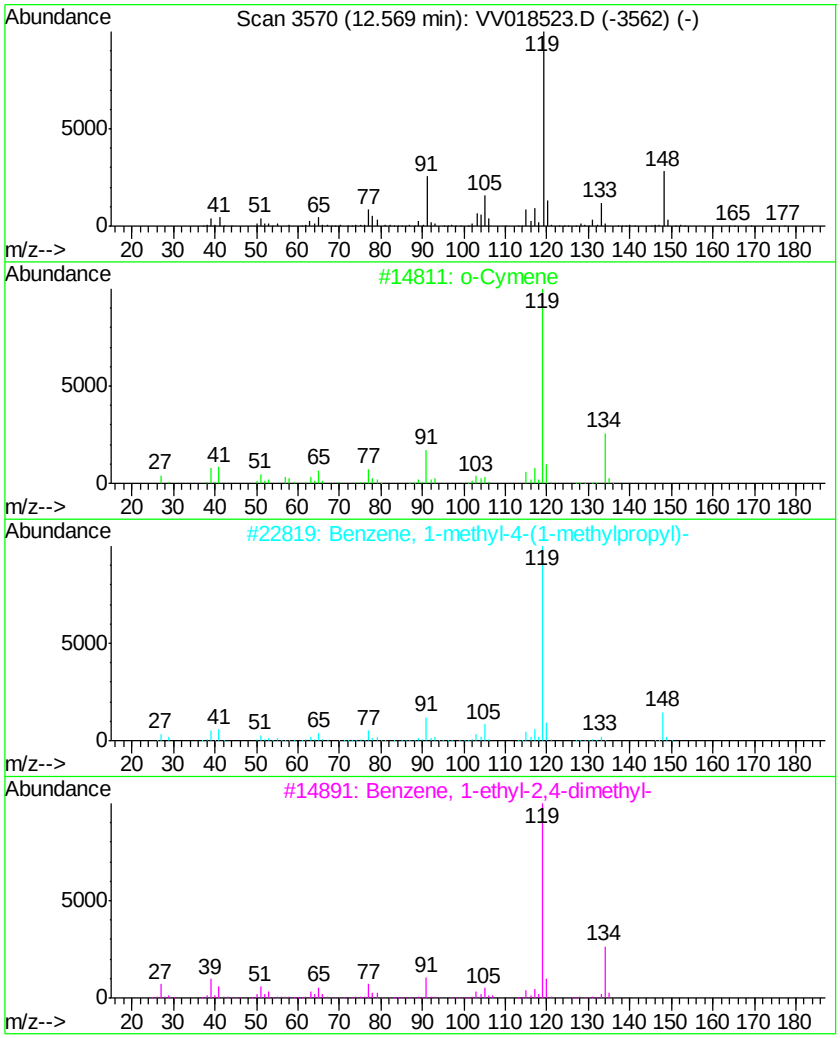
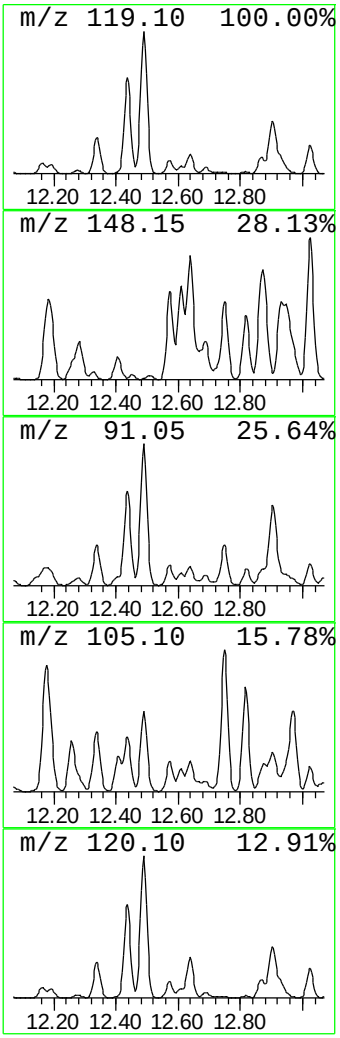
Peak Number 46 Benzene, 1-methyl-4-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	14.10 ug/L	738694	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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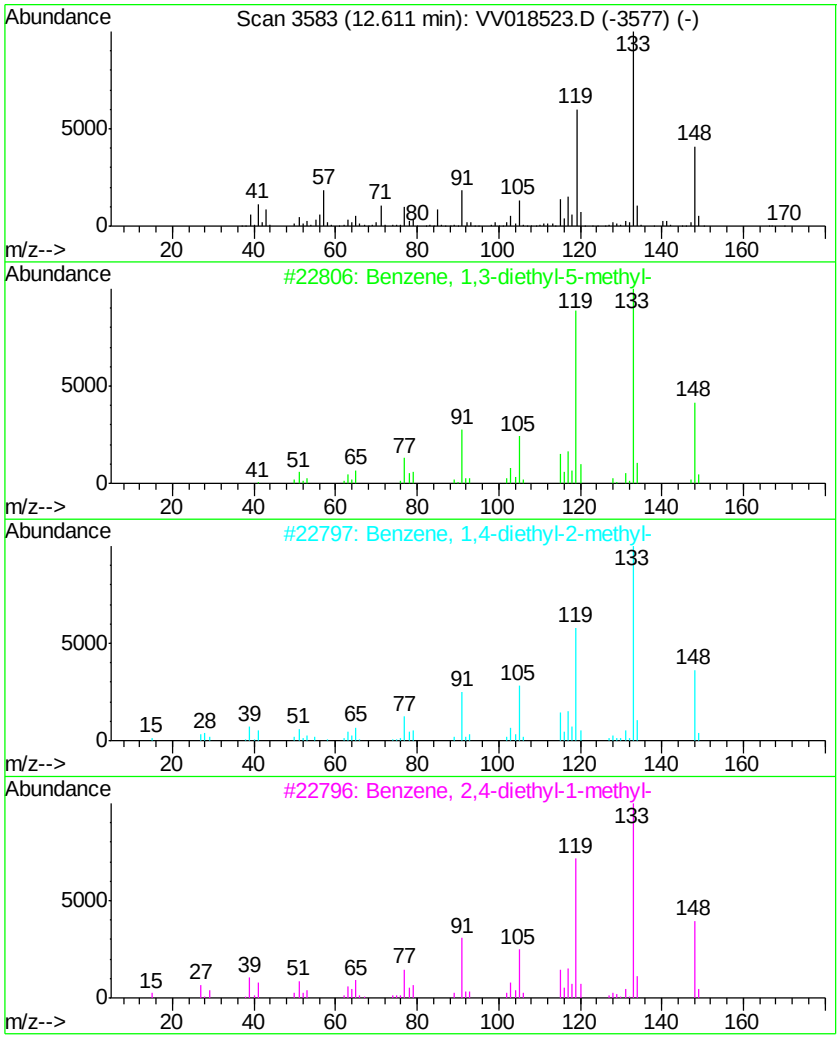
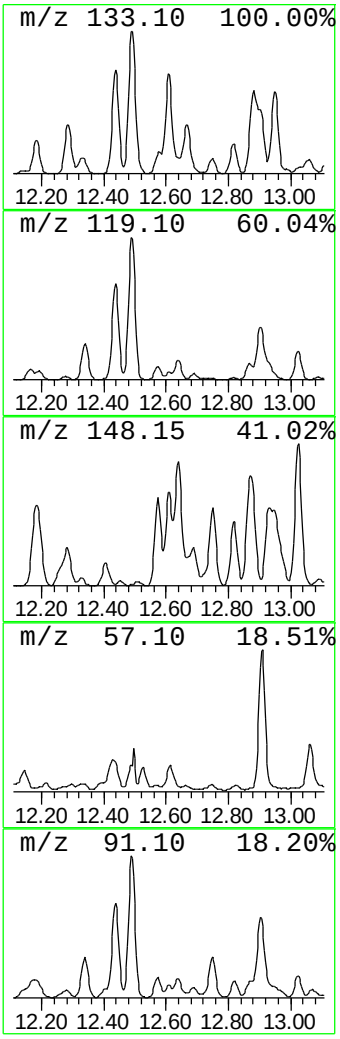
Peak Number 47 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	8.44 ug/L	441990	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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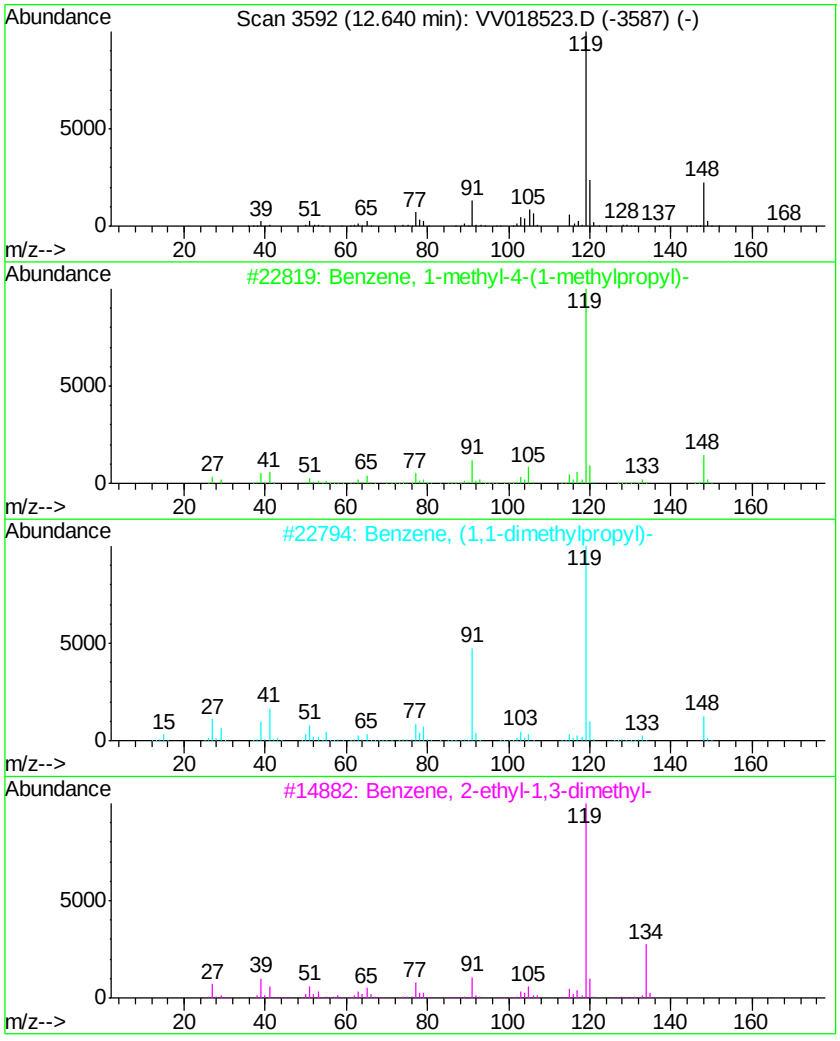
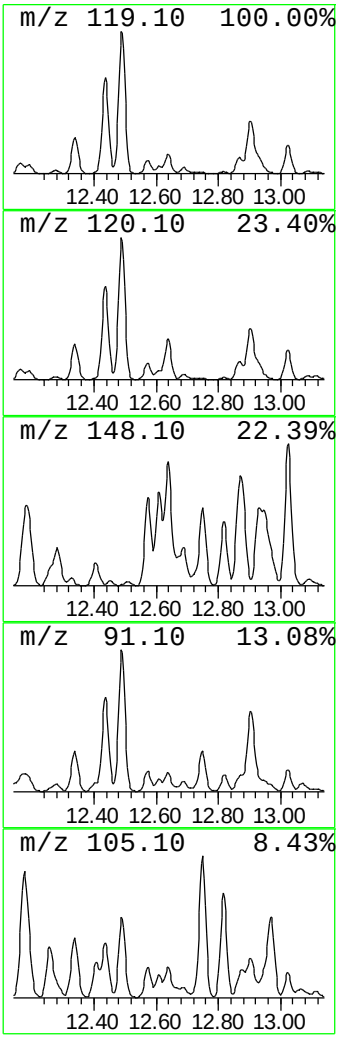
Peak Number 48 Benzene, (1,1-dimethylpropyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	10.60 ug/L	555135	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
4	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	53
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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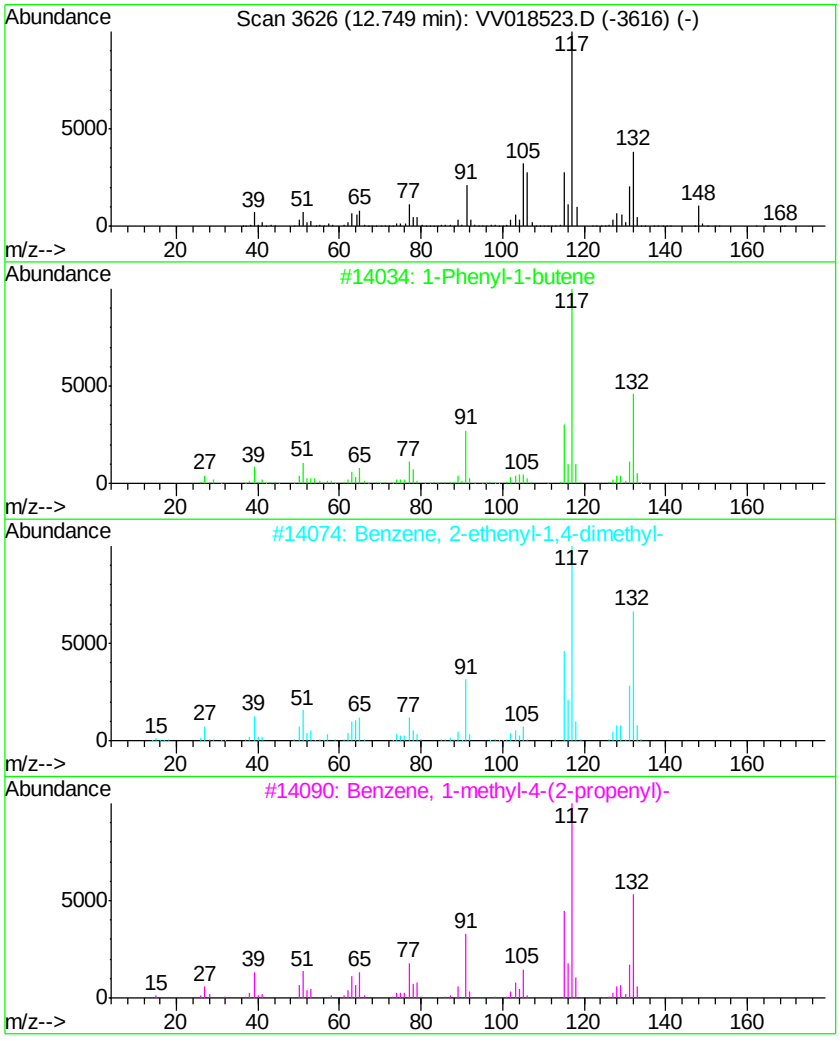
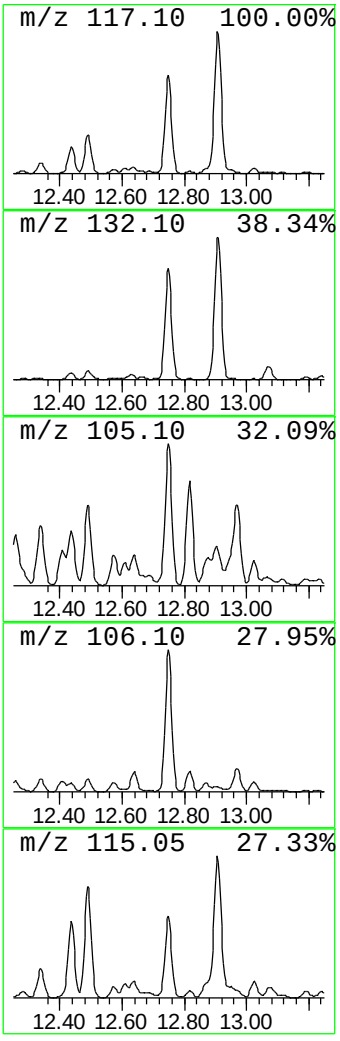
Peak Number 49 1-Phenyl-1-butene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	45.74 ug/L	2396090	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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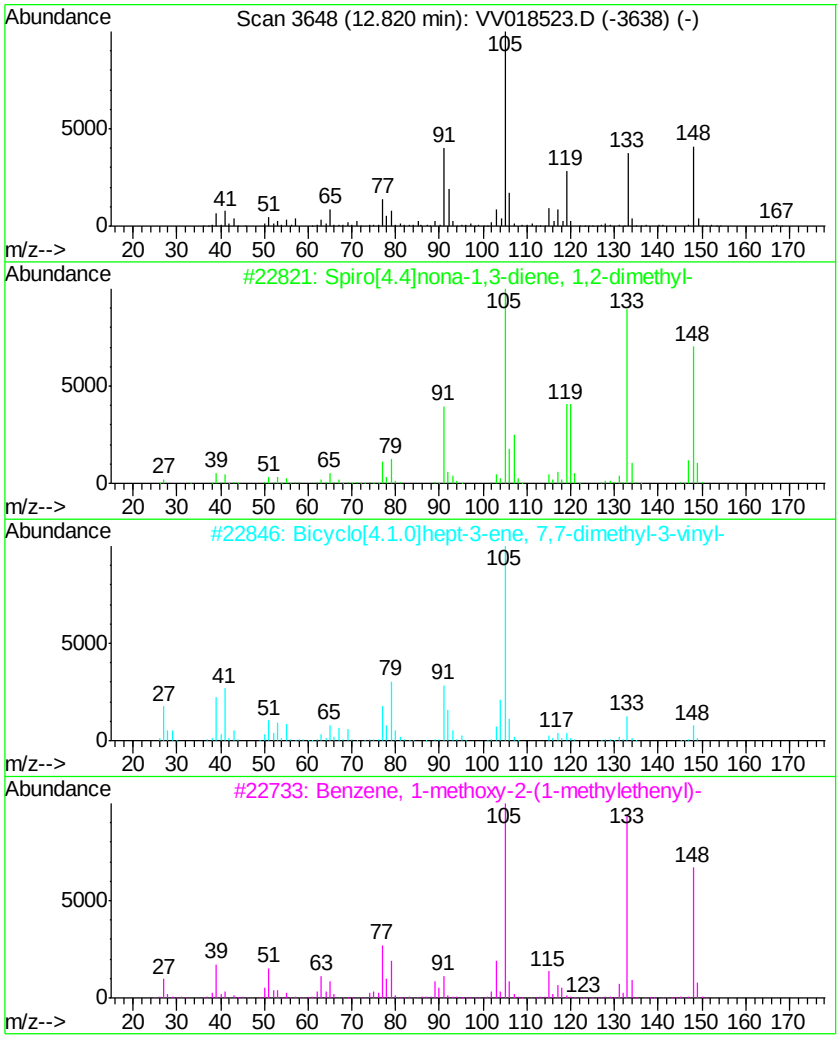
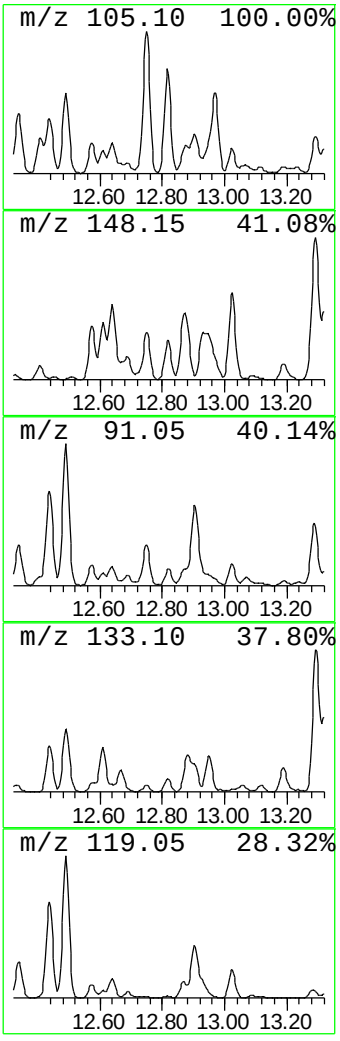
Peak Number 50 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.66 ug/L	558495	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	72
2	Bicyclo[4.1.0]hept-3-ene, 7,7-di...	148	C11H16	113003-13-7	59
3	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	52
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	50
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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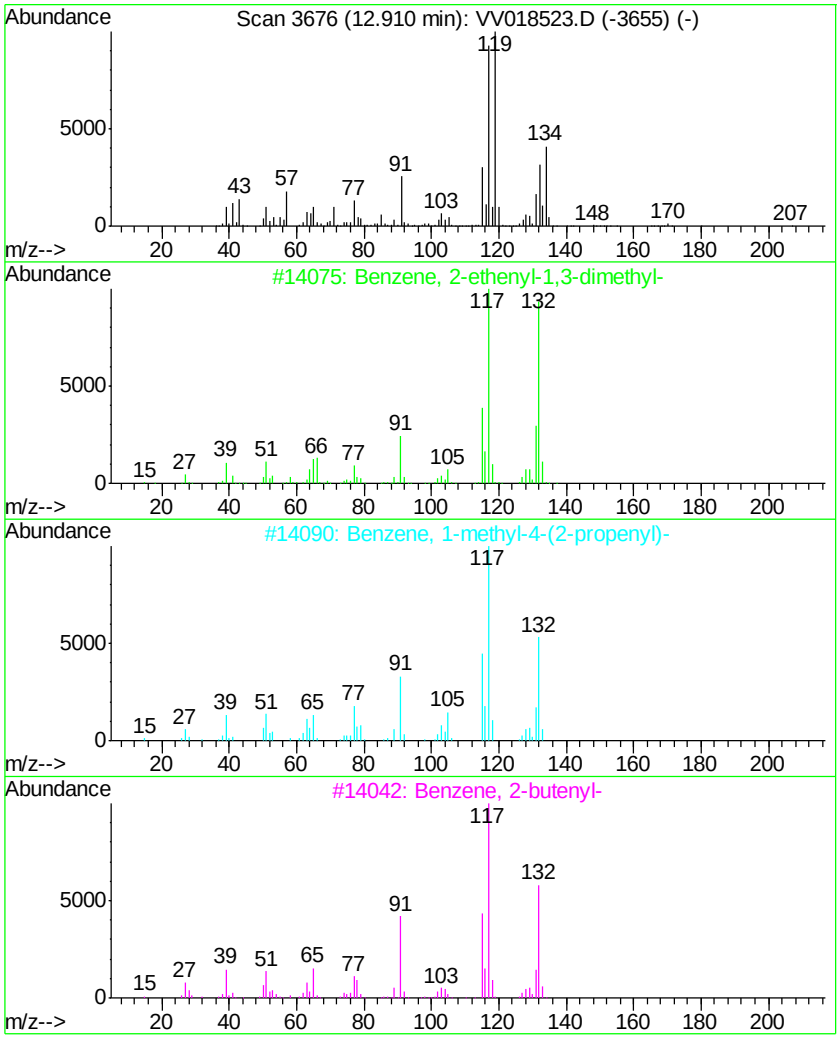
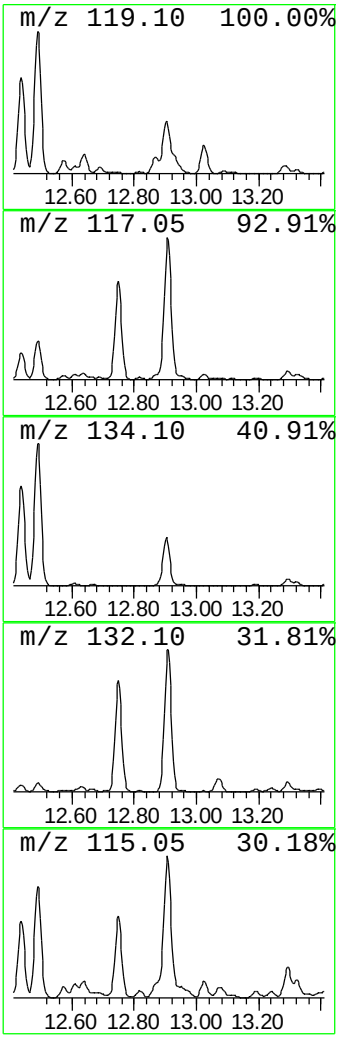
Peak Number 51 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	149.12 ug/L	7811670	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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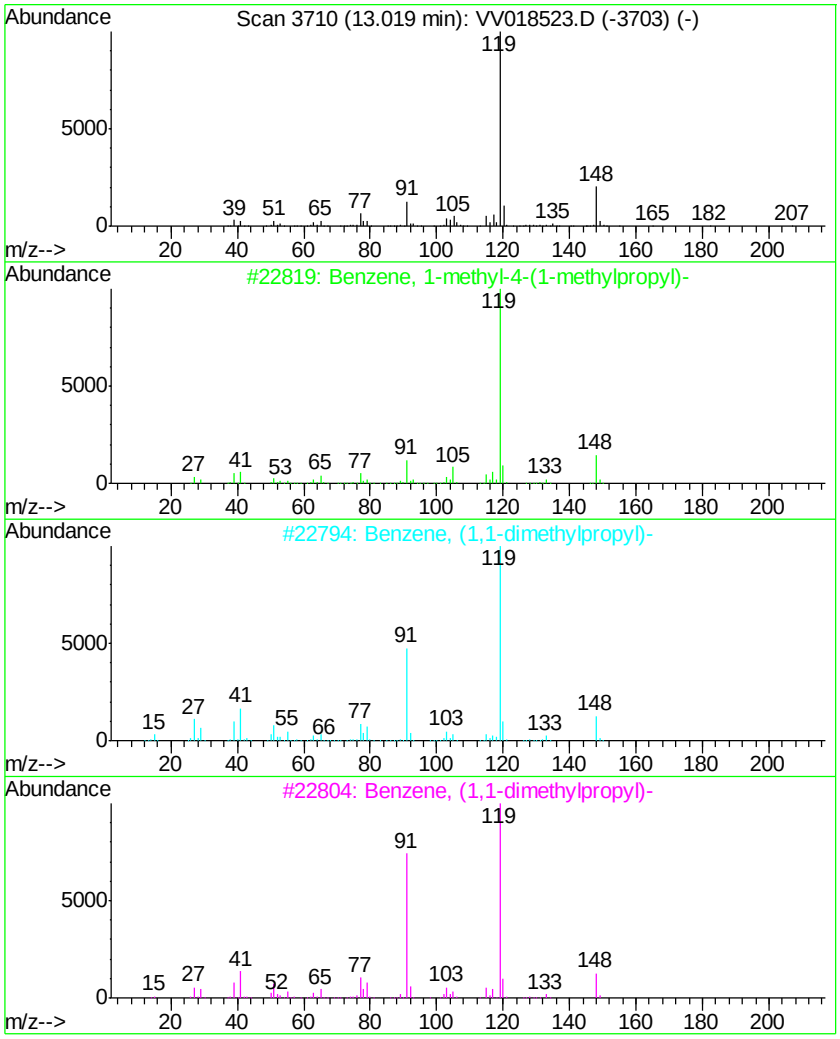
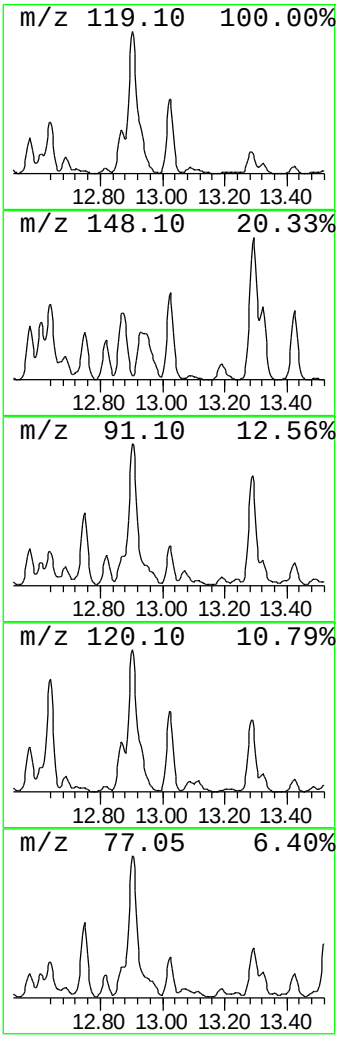
Peak Number 52 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	20.31 ug/L	1064100	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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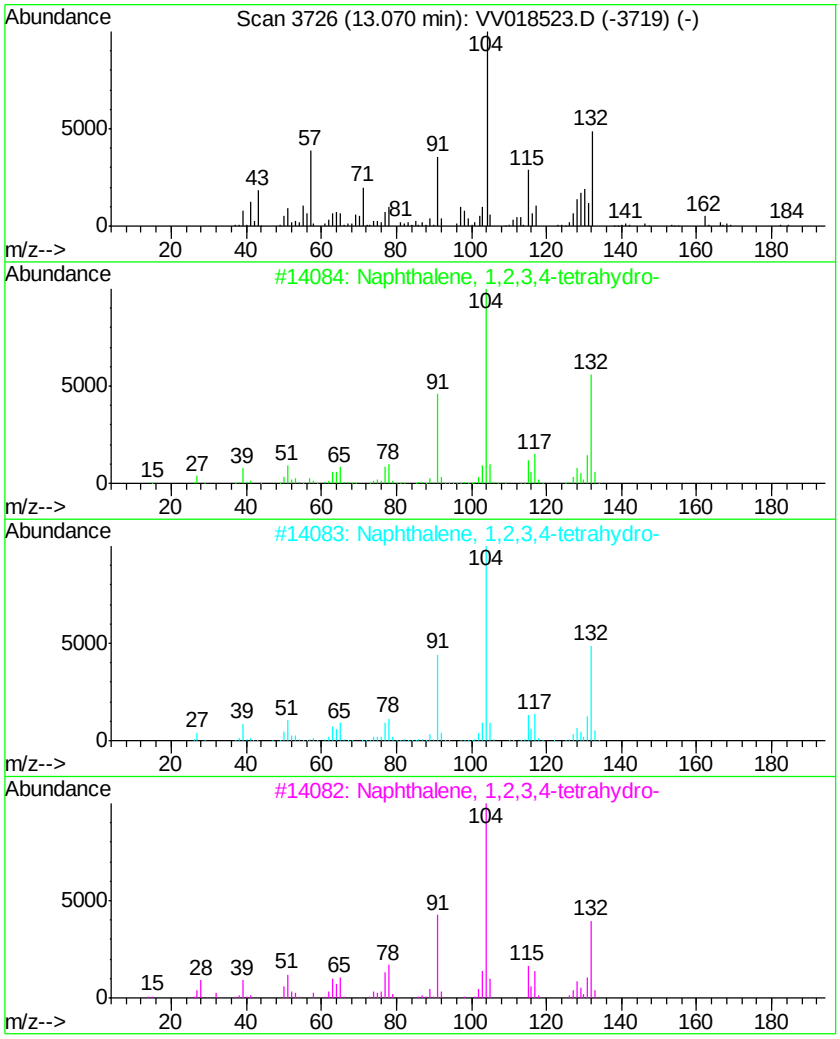
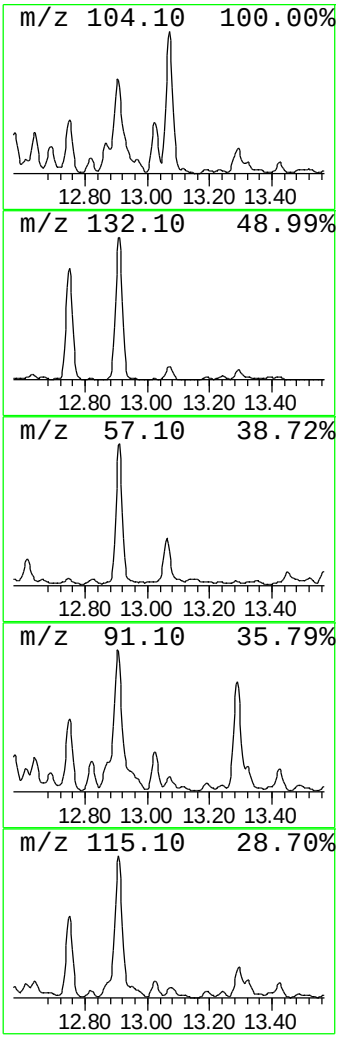
Peak Number 53 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	6.62 ug/L	346541	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

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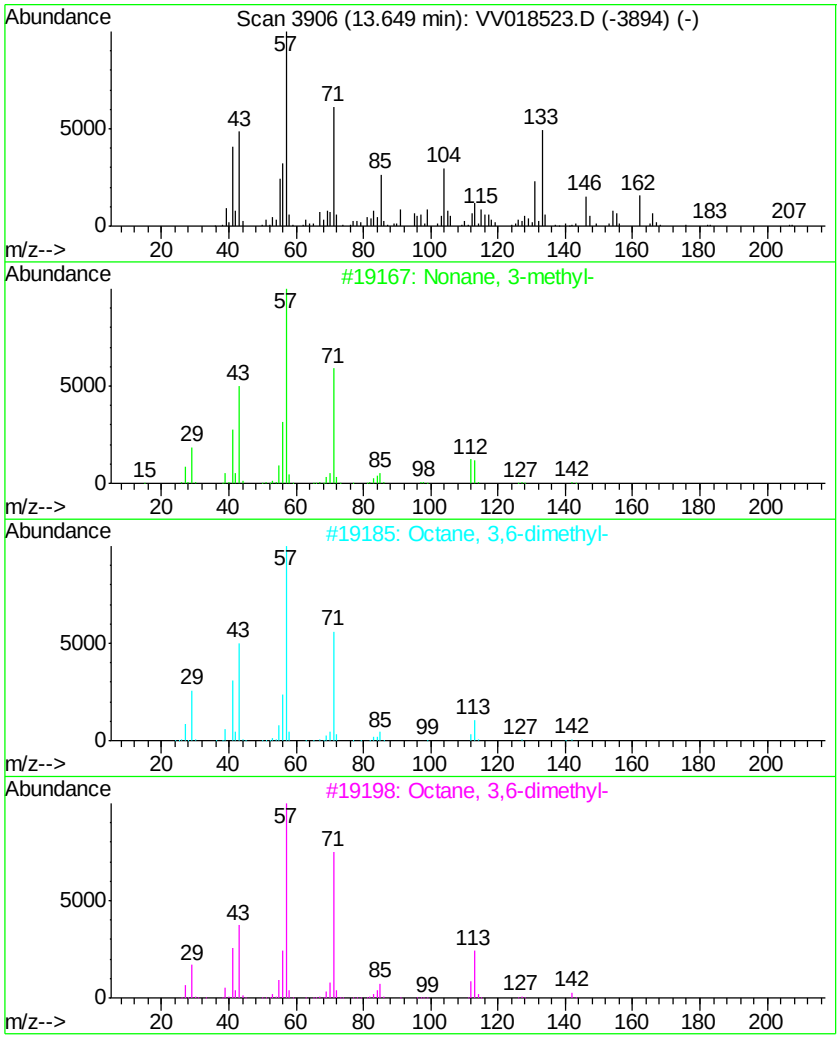
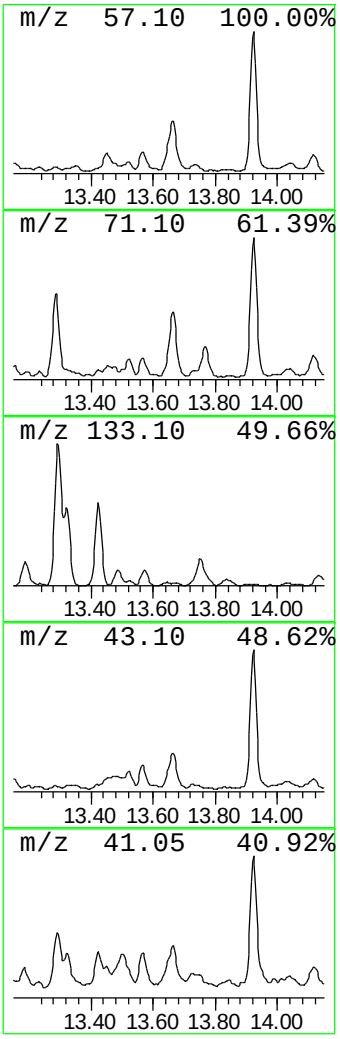
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.82 ug/L	147680	1,4-Dichlorobenzene-d4	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	41
5	Decane, 2-methyl-	156	C11H24	006975-98-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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...	2.53	34.2	ug/L	725772	1	5.64	1060570	50.0
(DEL) Alkane: Str...	2.76	57.9	ug/L	1227760	1	5.64	1060570	50.0
(DEL) Alkane: Str...	3.04	193.2	ug/L	4098900	1	5.64	1060570	50.0
(DEL) Alkane: Str...	3.55	12.5	ug/L	265762	1	5.64	1060570	50.0
(DEL) Alkane: Str...	3.68	8.2	ug/L	172801	1	5.64	1060570	50.0
(DEL) Alkane: Cyc...	3.77	43.1	ug/L	914737	1	5.64	1060570	50.0
(DEL) Alkane: Str...	6.79	3.2	ug/L	68598	1	5.64	1060570	50.0
(DEL) Alkane: Str...	6.94	3.0	ug/L	63299	1	5.64	1060570	50.0
(DEL) Alkane: Str...	7.10	3.2	ug/L	68263	1	5.64	1060570	50.0
2,4,4-Trimethyl-1...	7.28	7.8	ug/L	216294	2	8.87	1395940	50.0
(DEL) Alkane: Str...	7.59	5.7	ug/L	158228	2	8.87	1395940	50.0
(DEL) Alkane: Cyc...	8.31	2.7	ug/L	76369	2	8.87	1395940	50.0
(DEL) Alkane: Str...	8.68	2.8	ug/L	77706	2	8.87	1395940	50.0
(DEL) Alkane: Str...	9.22	12.9	ug/L	361646	2	8.87	1395940	50.0
(DEL) Alkane: Str...	9.50	6.8	ug/L	189668	2	8.87	1395940	50.0
(DEL) Alkane: Str...	9.73	5.1	ug/L	141670	2	8.87	1395940	50.0
(DEL) Alkane: Cyc...	9.82	6.8	ug/L	189200	2	8.87	1395940	50.0
(DEL) Alkane: Str...	10.04	4.4	ug/L	121780	2	8.87	1395940	50.0
(DEL) Alkane: Str...	10.11	3.5	ug/L	182694	3	11.28	2619340	50.0
(DEL) Alkane: Str...	10.14	10.1	ug/L	529997	3	11.28	2619340	50.0
Benzene, propyl-	10.38	158.8	ug/L	8318190	3	11.28	2619340	50.0
Benzene, 1-ethyl-...	10.48	720.0	ug/L	37721300	3	11.28	2619340	50.0
Mesitylene	10.57	341.9	ug/L	17912800	3	11.28	2619340	50.0
4-Heptanone, 2,6-...	10.72	11.2	ug/L	585026	3	11.28	2619340	50.0
Benzene, 1-ethyl-...	10.76	175.8	ug/L	9211700	3	11.28	2619340	50.0
Benzene, 1,2,3-tr...	10.94	787.6	ug/L	41258600	3	11.28	2619340	50.0
Benzene, (2-methy...	11.08	14.7	ug/L	769085	3	11.28	2619340	50.0
Benzeneacetaldehy...	11.11	12.4	ug/L	652319	3	11.28	2619340	50.0
Benzene, 1,2,4-tr...	11.36	177.7	ug/L	9309360	3	11.28	2619340	50.0
(DEL) Alkane: Str...	11.49	6.5	ug/L	339684	3	11.28	2619340	50.0
Benzene, 1,2-diet...	11.57	62.2	ug/L	3256620	3	11.28	2619340	50.0
Benzene, 1-methyl...	11.60	86.2	ug/L	4516560	3	11.28	2619340	50.0
Benzene, 1,3-diet...	11.77	7.1	ug/L	371290	3	11.28	2619340	50.0
(DEL) Alkane: Str...	11.81	31.9	ug/L	1672250	3	11.28	2619340	50.0
Benzene, 1-methyl...	11.84	37.9	ug/L	1986580	3	11.28	2619340	50.0
Benzene, 2-ethyl-...	11.94	74.4	ug/L	3899420	3	11.28	2619340	50.0
p-Cymene	11.96	70.7	ug/L	3704540	3	11.28	2619340	50.0
Benzene, 1-ethyl-...	12.04	152.0	ug/L	7961680	3	11.28	2619340	50.0
Benzene, 1-ethyl-...	12.17	37.9	ug/L	1983140	3	11.28	2619340	50.0
Benzene, 1,3-diet...	12.28	13.6	ug/L	710160	3	11.28	2619340	50.0
o-Cymene	12.34	34.8	ug/L	1823840	3	11.28	2619340	50.0
(DEL) Alkane: Cyc...	12.40	6.6	ug/L	347457	3	11.28	2619340	50.0
Benzene, 1,2,4,5-...	12.44	88.8	ug/L	4654490	3	11.28	2619340	50.0
Benzene, 1,2,3,4-...	12.49	143.7	ug/L	7527490	3	11.28	2619340	50.0
Benzene, 1-methyl...	12.57	14.1	ug/L	738694	3	11.28	2619340	50.0
Benzene, 1,4-diet...	12.61	8.4	ug/L	441990	3	11.28	2619340	50.0
Benzene, (1,1-dim...	12.64	10.6	ug/L	555135	3	11.28	2619340	50.0
1-Phenyl-1-butene	12.75	45.7	ug/L	2396090	3	11.28	2619340	50.0
Spiro[4.4]nona-1,...	12.82	10.7	ug/L	558495	3	11.28	2619340	50.0

Benzene, 2-etheny...	12.91	149.1	ug/L	7811670	3	11.28	2619340	50.0
unknown-01	13.02	20.3	ug/L	1064100	3	11.28	2619340	50.0
Naphthalene, 1,2,...	13.07	6.6	ug/L	346541	3	11.28	2619340	50.0
(DEL) Alkane: Str...	13.65	2.8	ug/L	147680	3	11.28	2619340	50.0

Instrument :
MSVOA_V
ClientSampleId :
BG3Y9