LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

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\SOM2VLM040219S.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	1.209	31	37	48	rBV4	10529	15919	1.35%	0.110%
2	1.319	62	71	81	rBV	87760	95309	8.09%	0.656%
3	1.393	90	94	100	rVB2	6418	6806	0.58%	0.047%
4	1.476	112	120	122	rBV6	9335	11818	1.00%	0.081%
5	1.573	142	150	159	rVB	92791	112065	9.51%	0.771%
6	2.126	312	322	333	rBV	223338	321261	27.26%	2.211%
7	2.193	337	343	357	rVB	25339	42623	3.62%	0.293%
8	2.315	372	381	393	rBV	25093	40100	3.40%	0.276%
9	2.537	435	450	469	rBV2	40157	75022	6.37%	0.516%
10	2.672	487	492	498	rVB6	850	1147	0.10%	0.008%
11	2.788	520	528	538	rVB6	3629	7071	0.60%	0.049%
12	3.071	605	616	631	rVV4	9714	19518	1.66%	0.134%
13	3.804	834	844	860	rVB6	7423	17969	1.52%	0.124%
14	3.936	874	885	909	rBV	30017	81098	6.88%	0.558%
15	4.402	1013	1030	1053	rBV2	140621	342923	29.10%	2.360%
16	4.720	1111	1129	1144	rBV5	16821	41646	3.53%	0.287%
17	4.807	1148	1156	1159	rBV7	2785	4185	0.36%	0.029%
18	4.958	1190	1203	1211	rBV4	9318	20938	1.78%	0.144%
19	5.093	1227	1245	1269	rBV2	312303	786082	66.70%	5.410%
20	5.373	1321	1332	1343	rVB8	8727	18255	1.55%	0.126%
21	5.537	1365	1383	1396	rBV4	11761	26841	2.28%	0.185%
22	5.663	1409	1422	1455	rBV2	262923	524189	44.48%	3.608%
23	5.945	1501	1510	1518	rBV8	3686	6609	0.56%	0.045%
24	6.119	1548	1564	1574	rBV	178930	365513	31.02%	2.516%
25	6.245	1596	1603	1608	rVB8	2925	3507	0.30%	0.024%
26	6.402	1643	1652	1653	rBV5	7355	7251	0.62%	0.050%
27	6.505	1672	1684	1696	rBV6	5995	11703	0.99%	0.081%
28	6.666	1726	1734	1738	rBV5	6621	9423	0.80%	0.065%
29	6.881	1794	1801	1810	rBV7	3533	5252	0.45%	0.036%
30	6.962	1818	1826	1833	rBV5	15734	24602	2.09%	0.169%
31	7.029	1838	1847	1867	rVB	82886	149028	12.65%	1.026%
32	7.122	1870	1876	1887	rVB3	11936	18825	1.60%	0.130%
33	7.306	1918	1933	1939	rBV3	36140	66658	5.66%	0.459%
34	7.360	1940	1950	1964	rVV	312310	565606	48.00%	3.893%

LSC Area Percent Report

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Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

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\SOM2VLM040219S.M
Title : VOC Analysis

35	7.431	1966	1972	1981	rVB	25055	39829	3.38%	0.274%
36	7.608	2019	2027	2035	rBV4	28704	43889	3.72%	0.302%
37	7.666	2037	2045	2051	rBV2	43306	70191	5.96%	0.483%
38	7.830	2084	2096	2107	rBV6	14430	25842	2.19%	0.178%
39	7.884	2107	2113	2115	rBV6	1061	1159	0.10%	0.008%
40	8.019	2147	2155	2165	rVB6	8531	13673	1.16%	0.094%
41	8.132	2173	2190	2204	rBV2	119335	223874	19.00%	1.541%
42	8.277	2219	2235	2244	rBV8	23993	54015	4.58%	0.372%
43	8.334	2244	2253	2262	rVB2	59096	92679	7.86%	0.638%
44	8.396	2263	2272	2283	rBV2	58977	101703	8.63%	0.700%
45	8.547	2310	2319	2330	rBV8	9826	16952	1.44%	0.117%
46	8.614	2330	2340	2343	rBV2	16390	25714	2.18%	0.177%
47	8.707	2362	2369	2380	rVB5	28750	46619	3.96%	0.321%
48	8.833	2396	2408	2417	rBV2	28725	50780	4.31%	0.349%
49	8.897	2417	2428	2443	rBV	291608	483851	41.06%	3.330%
50	9.055	2464	2477	2491	rBV	123894	210154	17.83%	1.446%
51	9.180	2497	2516	2529	rBV	401330	735221	62.39%	5.060%
52	9.244	2530	2536	2557	rVB3	72744	132920	11.28%	0.915%
53	9.357	2564	2571	2584	rVB7	6463	11090	0.94%	0.076%
54	9.457	2597	2602	2606	rBV7	1292	1731	0.15%	0.012%
55	9.521	2606	2622	2630	rBV6	26734	59708	5.07%	0.411%
56	9.588	2632	2643	2666	rVB	222923	381463	32.37%	2.625%
57	9.723	2676	2685	2687	rBV7	15858	22819	1.94%	0.157%
58	9.842	2713	2722	2733	rBV7	54811	100422	8.52%	0.691%
59	9.974	2753	2763	2772	rBV	83691	129246	10.97%	0.889%
60	10.058	2784	2789	2796	rBV5	5869	6763	0.57%	0.047%
61	10.260	2837	2852	2871	rBV	135933	274931	23.33%	1.892%
62	10.399	2882	2895	2912	rBV	118877	213212	18.09%	1.467%
63	10.492	2914	2924	2940	rBV	330254	758033	64.32%	5.217%
64	10.585	2945	2953	2960	rVV	234663	328134	27.84%	2.258%
65	10.733	2992	2999	3002	rBV7	3836	5448	0.46%	0.037%
66	10.781	3004	3014	3032	rVB	221045	367722	31.20%	2.531%
67	10.958	3050	3069	3093	rVB	733401	1178456	100.00%	8.110%
68	11.100	3103	3113	3115	rBV3	18583	25847	2.19%	0.178%
69	11.132	3118	3123	3135	rVB2	59327	91906	7.80%	0.633%
70	11.199	3137	3144	3149	rBV2	28113	41395	3.51%	0.285%
71	11.238	3150	3156	3164	rVV2	88458	125927	10.69%	0.867%

LSC Area Percent Report

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Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

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\SOM2VLM040219S.M
Title : VOC Analysis

72	11.293	3164	3173	3185	rVV3	214527	340538	28.90%	2.344%
73	11.383	3191	3201	3221	rVB	320514	498514	42.30%	3.431%
74	11.505	3233	3239	3250	rVB4	24056	38211	3.24%	0.263%
75	11.595	3252	3267	3268	rVV4	77130	134032	11.37%	0.922%
76	11.620	3271	3275	3282	rVV	169544	231229	19.62%	1.591%
77	11.678	3283	3293	3311	rVB5	320255	743950	63.13%	5.120%
78	11.791	3320	3328	3334	rBV3	40399	59507	5.05%	0.410%
79	11.865	3345	3351	3369	rVB	151377	239146	20.29%	1.646%
80	11.958	3371	3380	3383	rBV	108138	148510	12.60%	1.022%
81	12.061	3405	3412	3420	rBV	134231	190097	16.13%	1.308%
82	12.164	3435	3444	3449	rBV	66184	111656	9.47%	0.768%
83	12.302	3477	3487	3495	rBV4	57446	104650	8.88%	0.720%
84	12.360	3497	3505	3514	rVB2	71724	121372	10.30%	0.835%
85	12.424	3516	3525	3529	rBV8	29249	51302	4.35%	0.353%
86	12.511	3544	3552	3569	rVB	164286	266603	22.62%	1.835%
87	12.598	3570	3579	3585	rBV4	52000	82152	6.97%	0.565%
88	12.842	3648	3655	3662	rBV3	35385	47744	4.05%	0.329%
89	12.894	3663	3671	3674	rBV	47415	66973	5.68%	0.461%
90	12.929	3675	3682	3697	rVB3	189626	320672	27.21%	2.207%
91	13.048	3712	3719	3724	rBV	34922	45380	3.85%	0.312%
92	13.093	3725	3733	3742	rVV7	47858	86327	7.33%	0.594%
93	13.215	3764	3771	3778	rBV2	24402	35783	3.04%	0.246%
94	13.315	3794	3802	3809	rBV4	61538	101156	8.58%	0.696%
95	13.595	3883	3889	3902	rVB4	24397	40118	3.40%	0.276%
96	13.669	3903	3912	3915	rBV8	12377	20933	1.78%	0.144%
97	14.145	4050	4060	4073	rBV9	23745	57757	4.90%	0.397%
98	15.222	4392	4395	4397	rBV3	2332	1491	0.13%	0.010%
99	15.636	4522	4524	4533	rVB7	2754	2753	0.23%	0.019%
100	15.910	4606	4609	4612	rBV4	2089	1630	0.14%	0.011%

Sum of corrected areas: 14530266

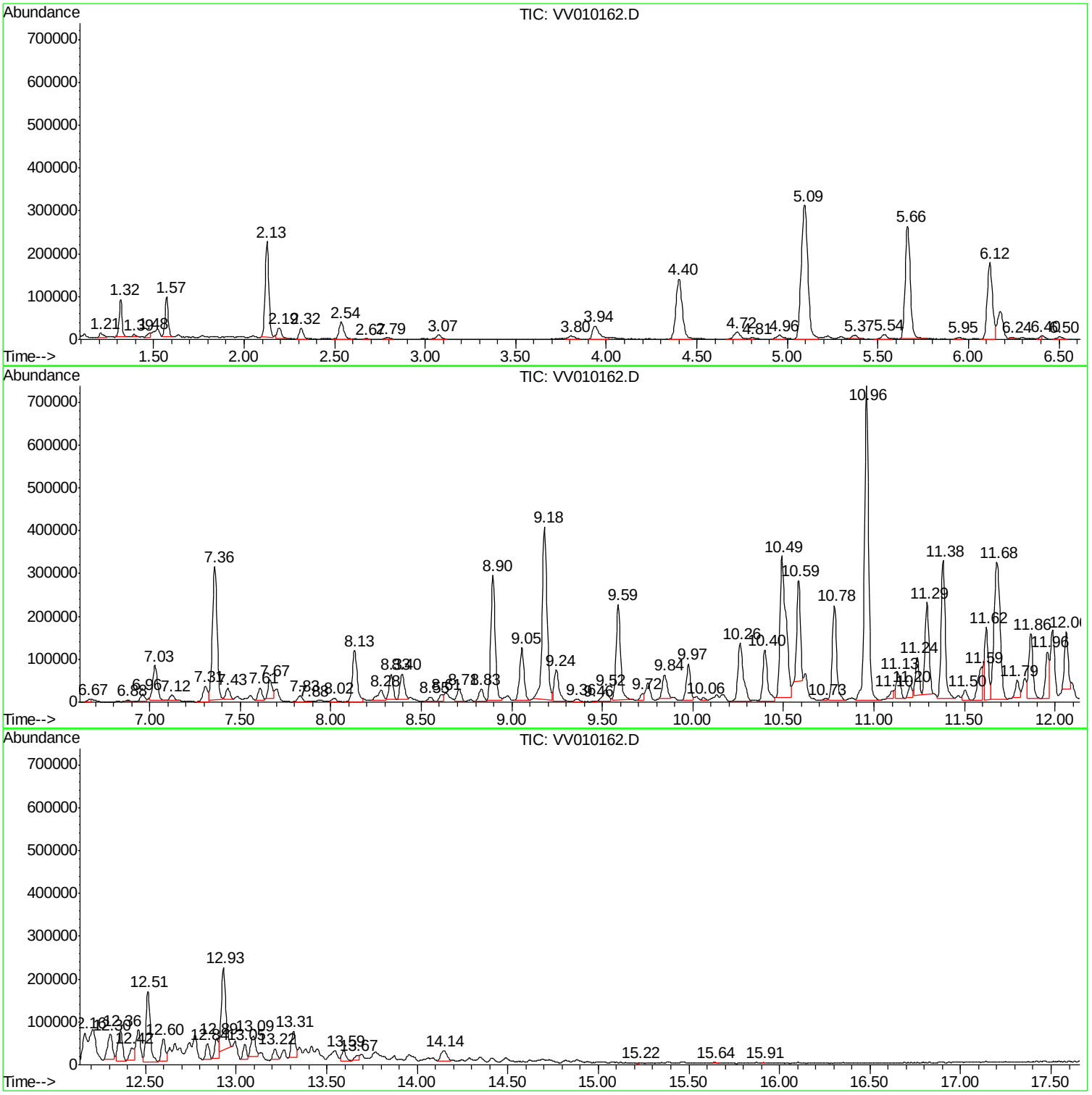
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.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\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

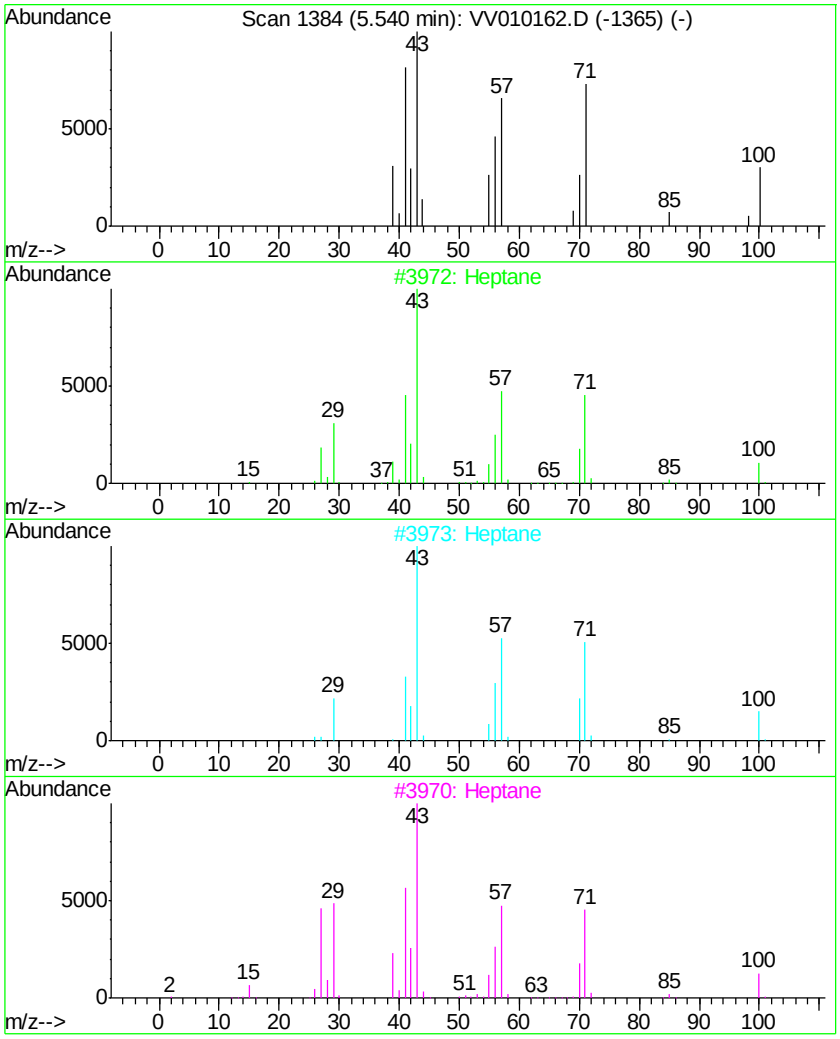
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

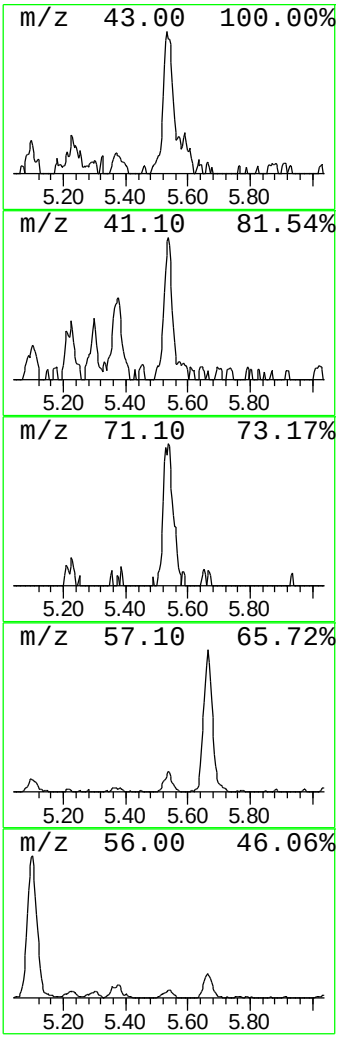
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	1.28 ug/L	26841	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Octane	114	C8H18	000111-65-9	42
5	Heptane	100	C7H16	000142-82-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
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Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

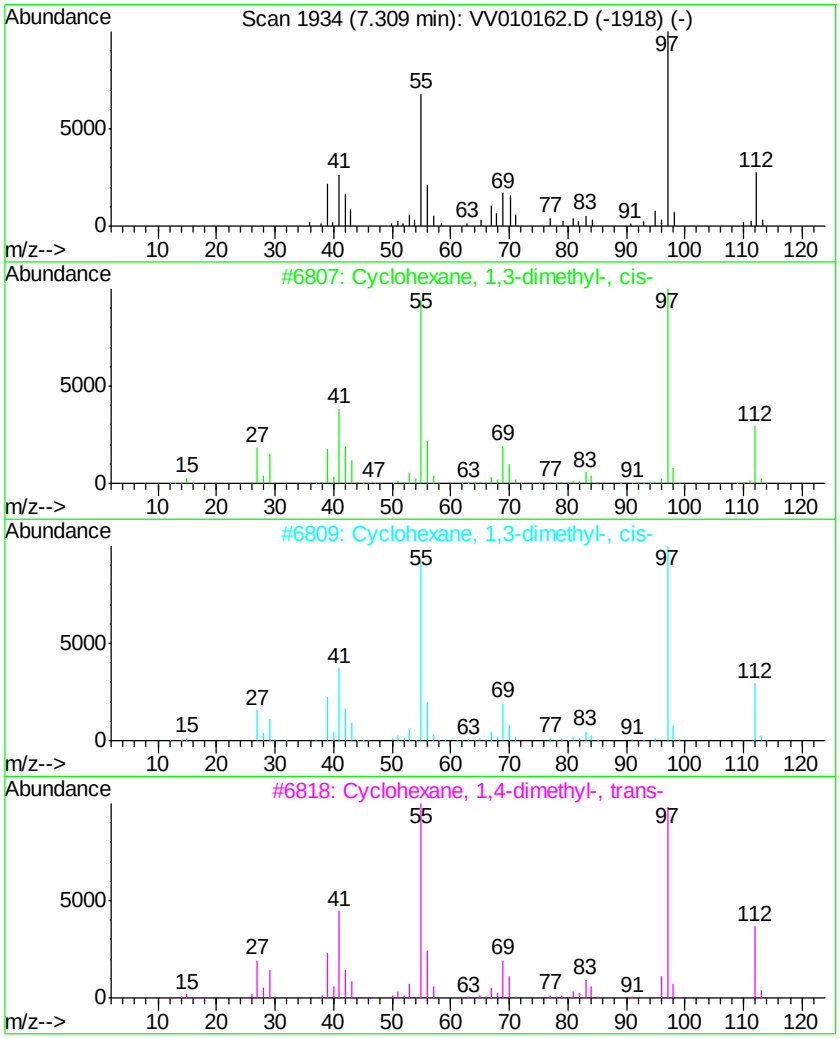
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

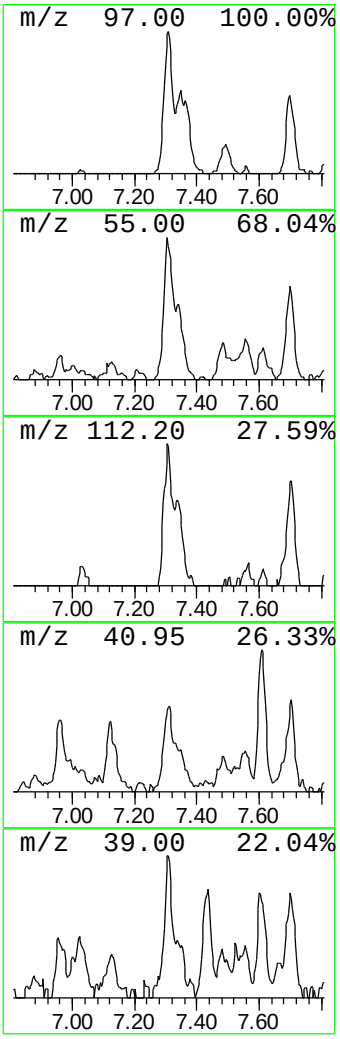
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic7.31 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	3.44 ug/L	66658	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90





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Instrument : MSVOA_V
ClientSampleId : BF654RE

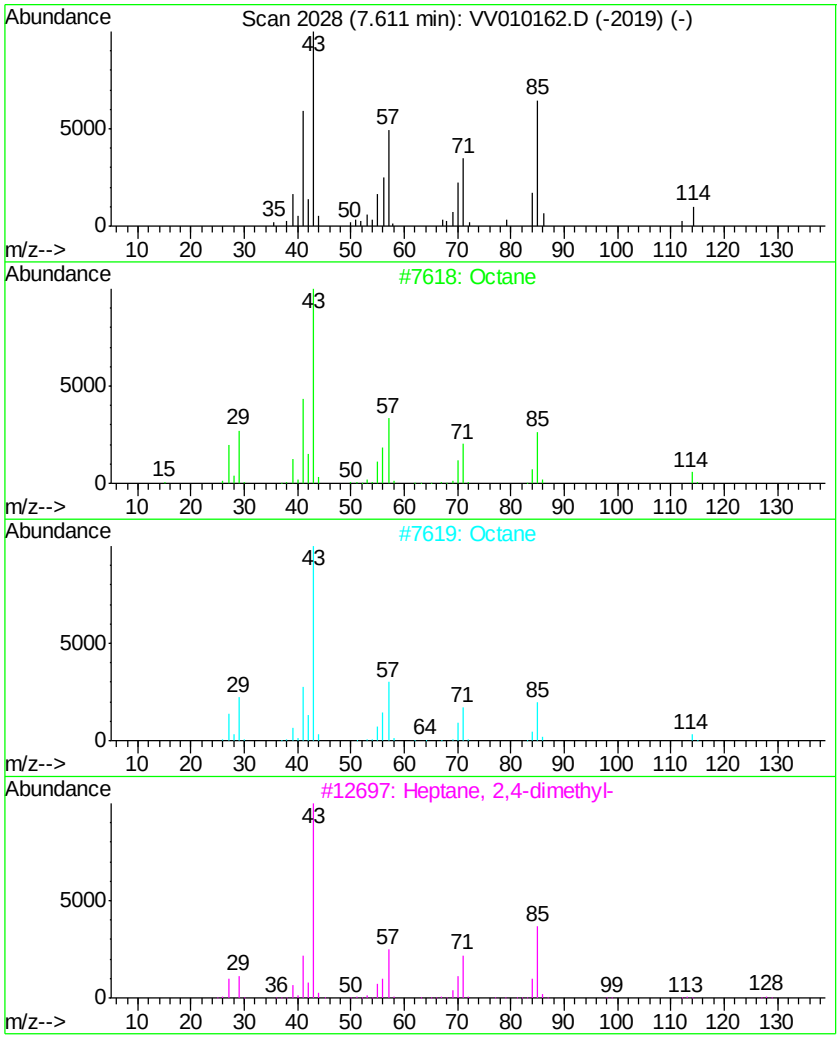
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

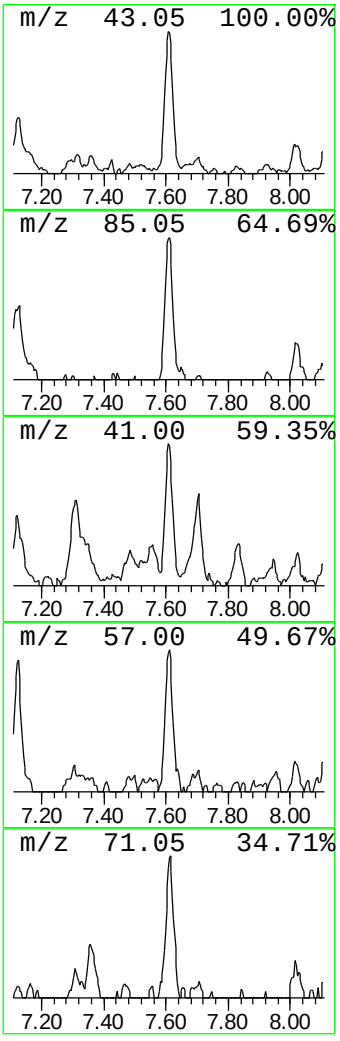
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.27 ug/L	43889	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	86
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	53
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

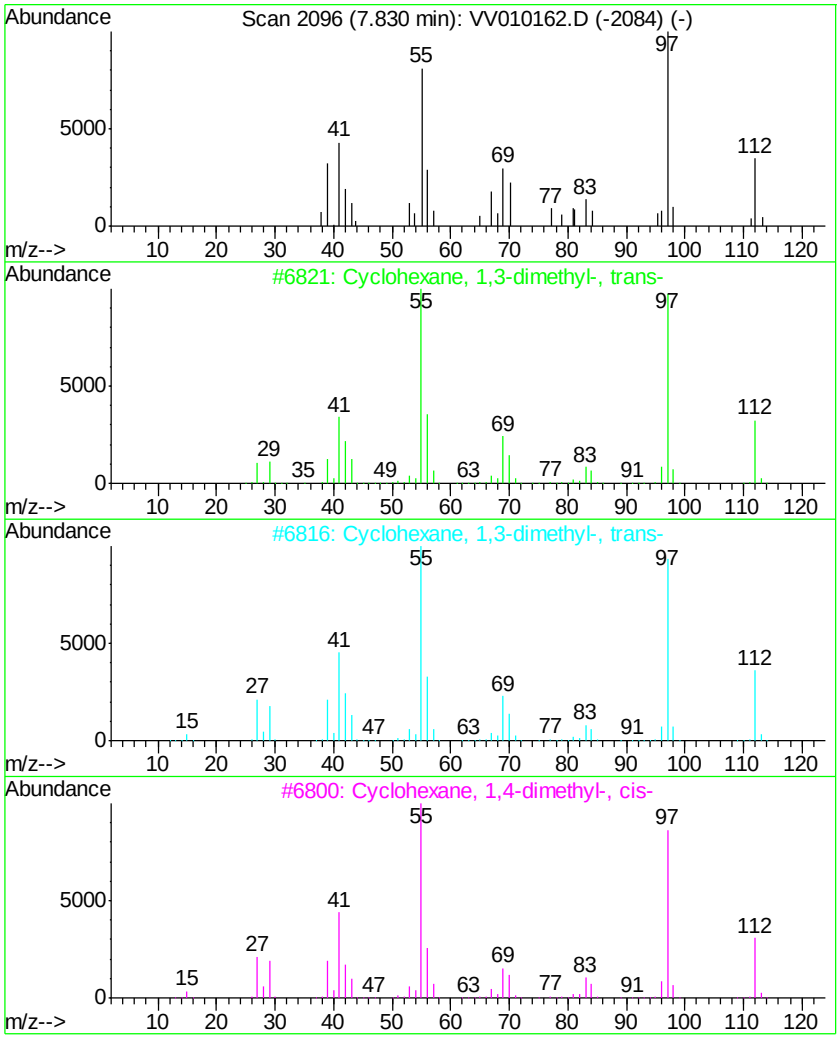
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

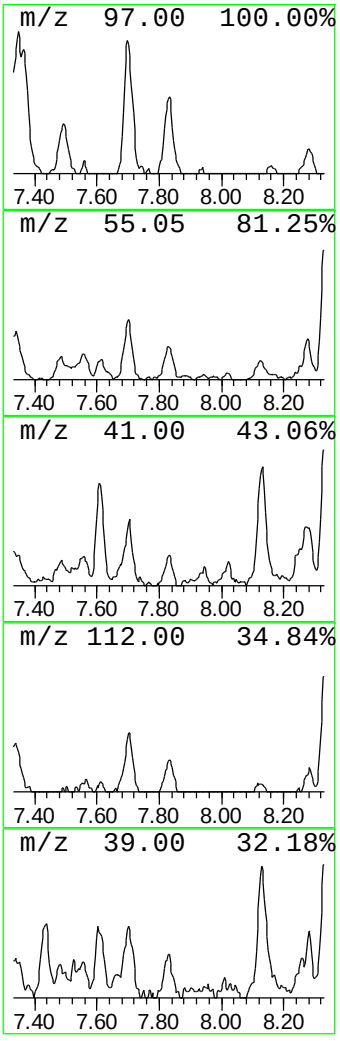
****

Peak Number 5 (DEL) Alkane: Cyclic7.83 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	1.34 ug/L	25842	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90





Library Search Compound Report

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Data File : VV010162.D
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Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

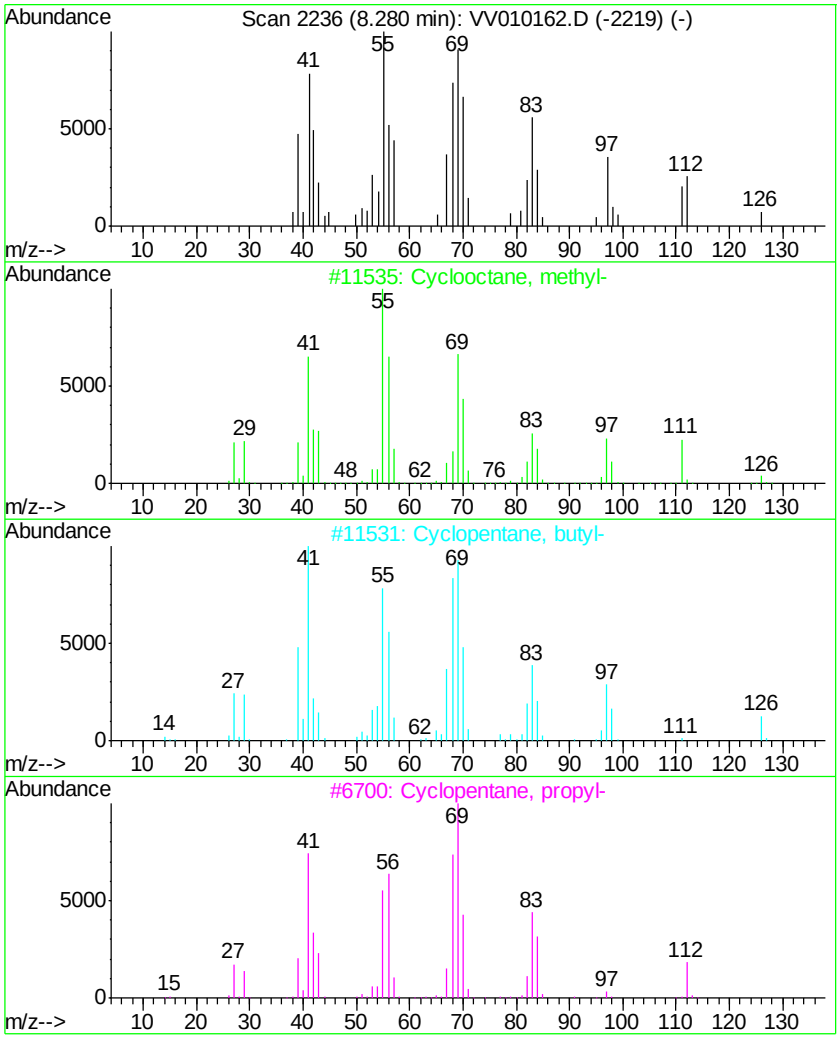
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

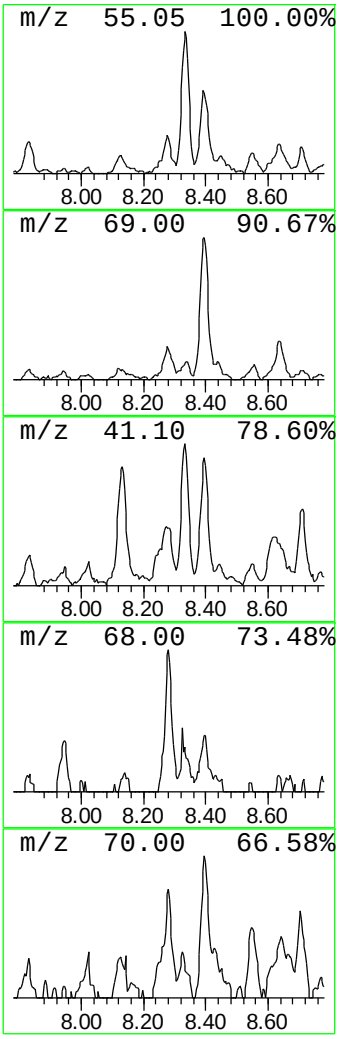
****

Peak Number 6 (DEL) Alkane: Cyclic8.28 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	2.79 ug/L	54015	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	62
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	60
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
4	1-Octanesulfonyl chloride	212	C8H17ClO2S	007795-95-1	47
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

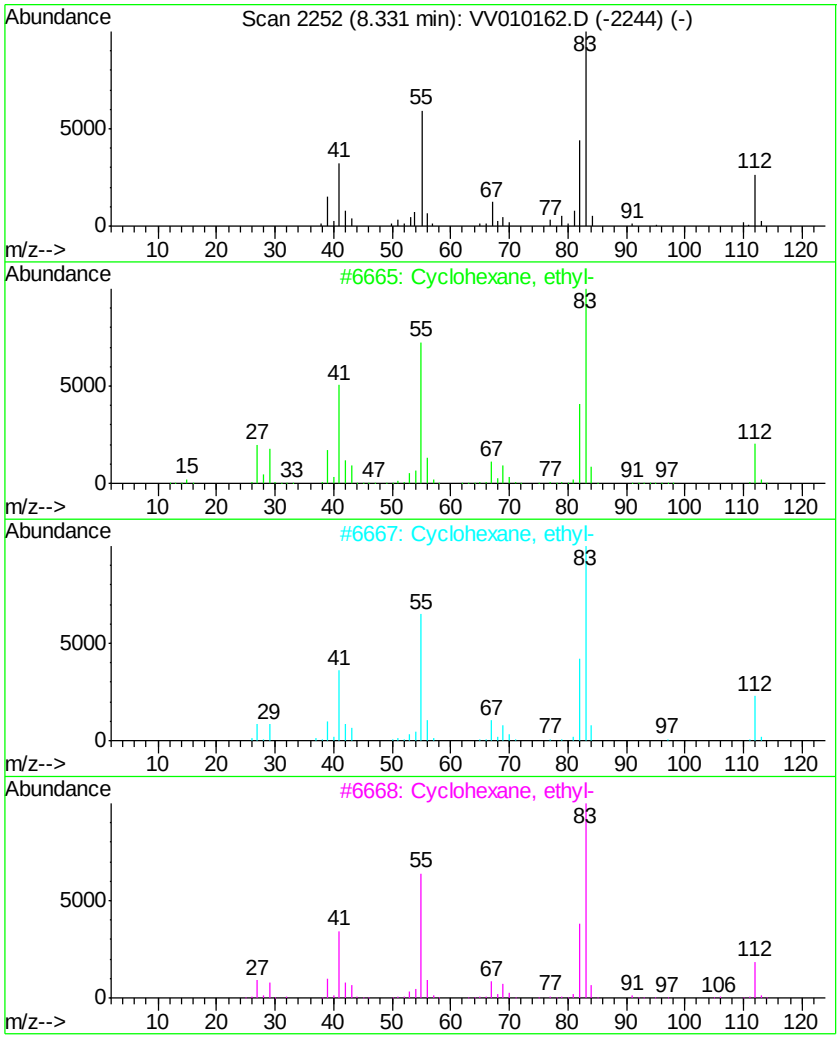
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

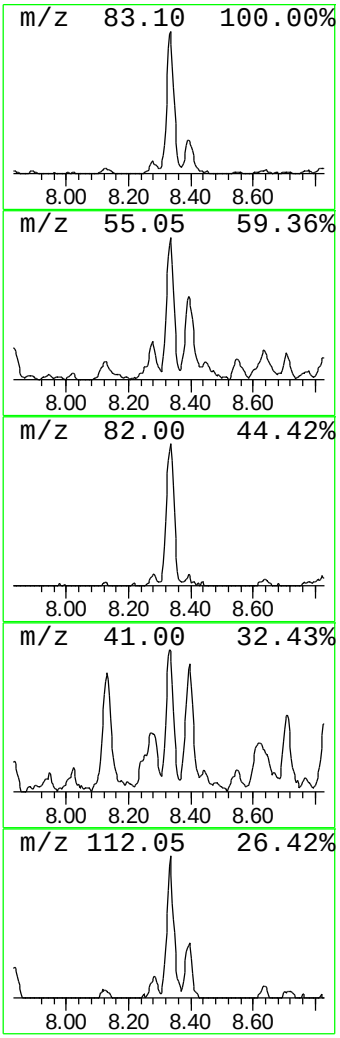
****

Peak Number 7 (DEL) Alkane: Cyclic8.33 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.79 ug/L	92679	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	62
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53





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Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

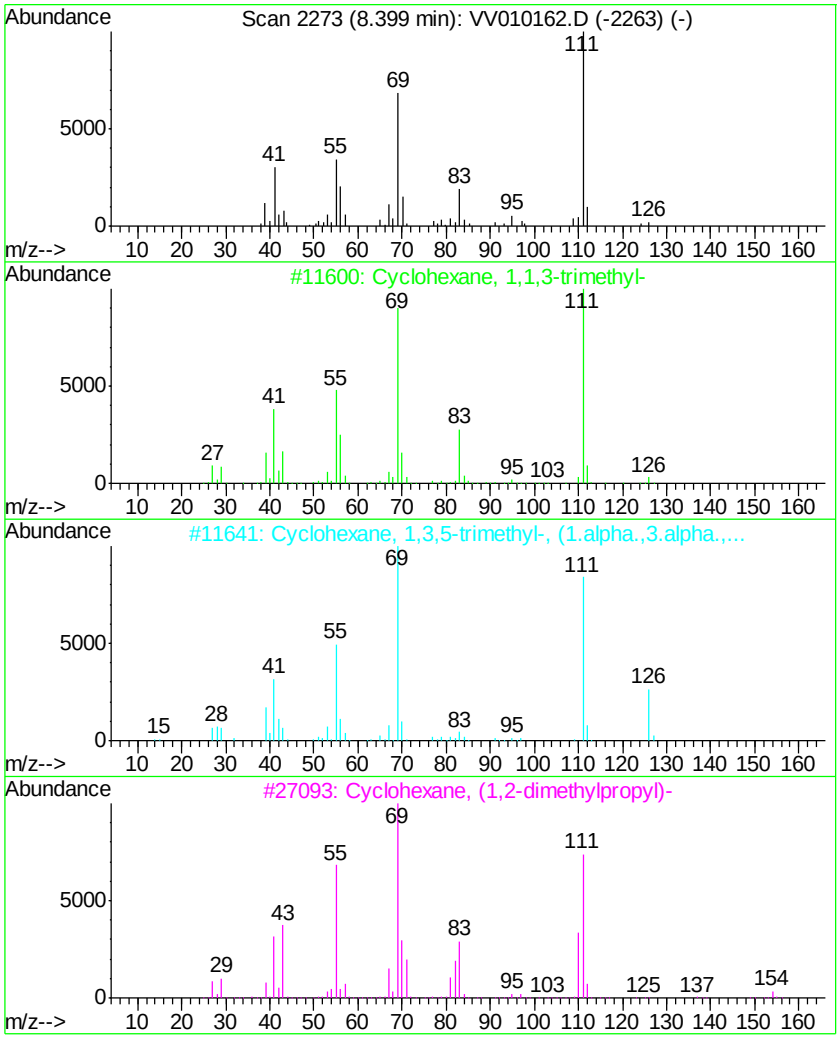
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

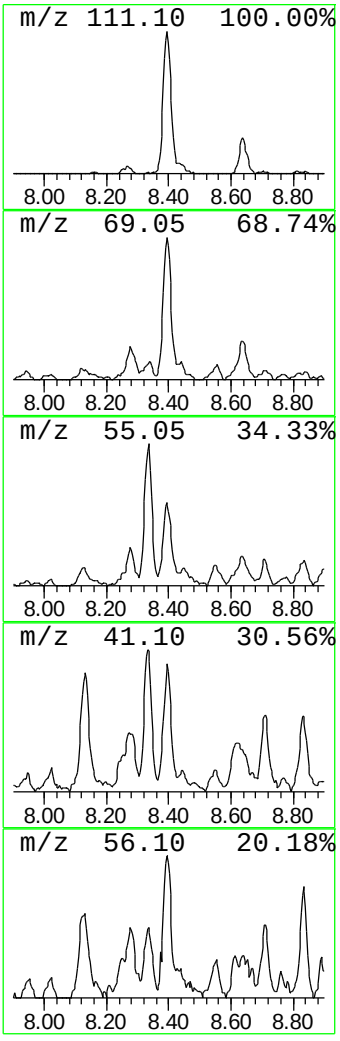
****

Peak Number 8 (DEL) Alkane: Cyclic8.40 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	5.25 ug/L	101703	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
3	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	64
4	Isocytosine	111	C4H5N3O	000108-53-2	59
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53





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Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

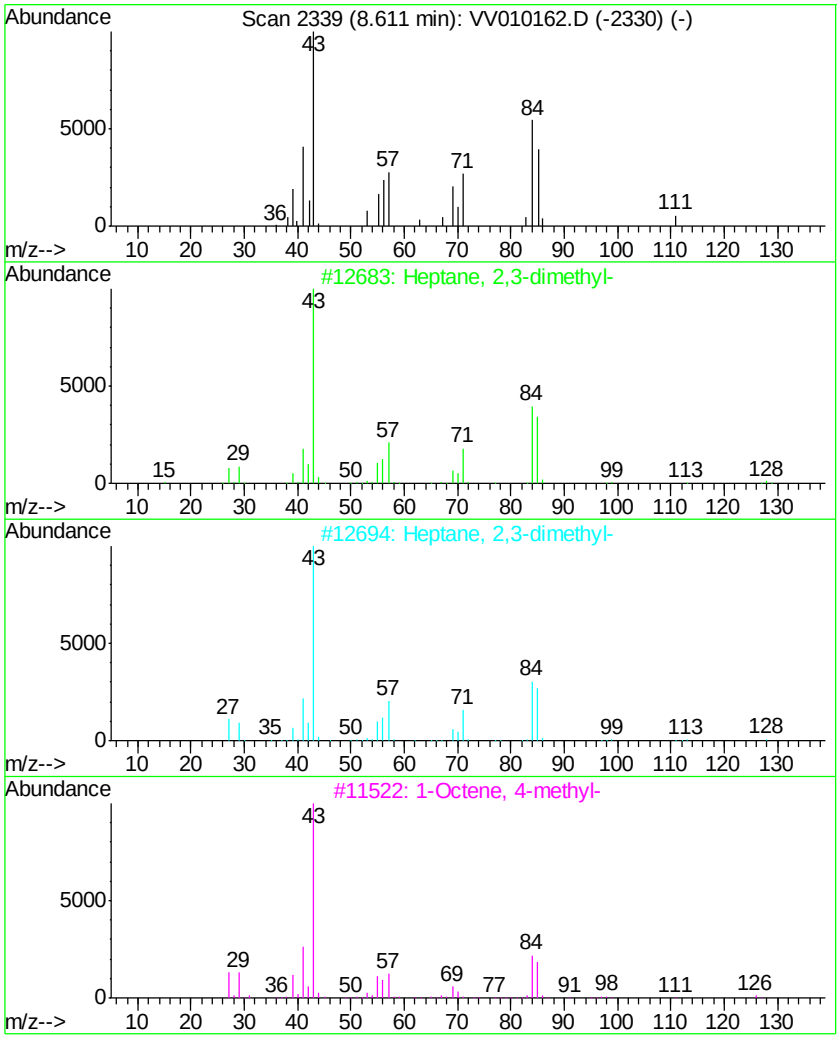
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

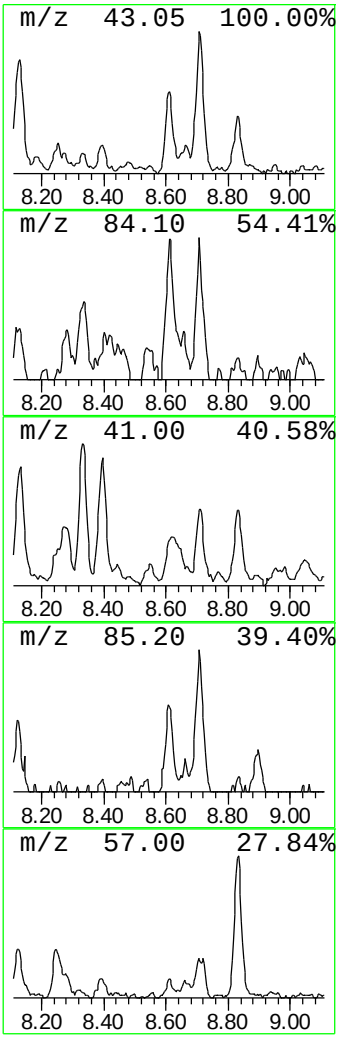
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	1.33 ug/L	25714	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
3	1-Octene, 4-methyl-	126	C9H18	013151-12-7	59
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	56
5	Piperidine	85	C5H11N	000110-89-4	52





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Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

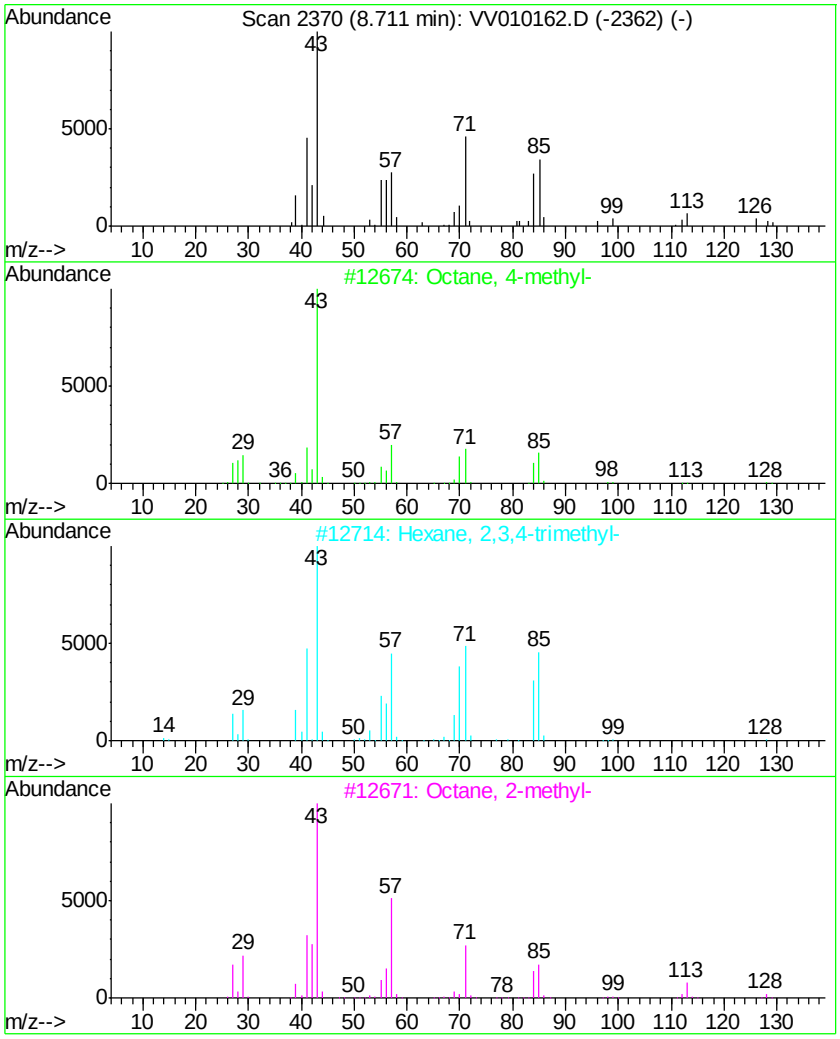
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

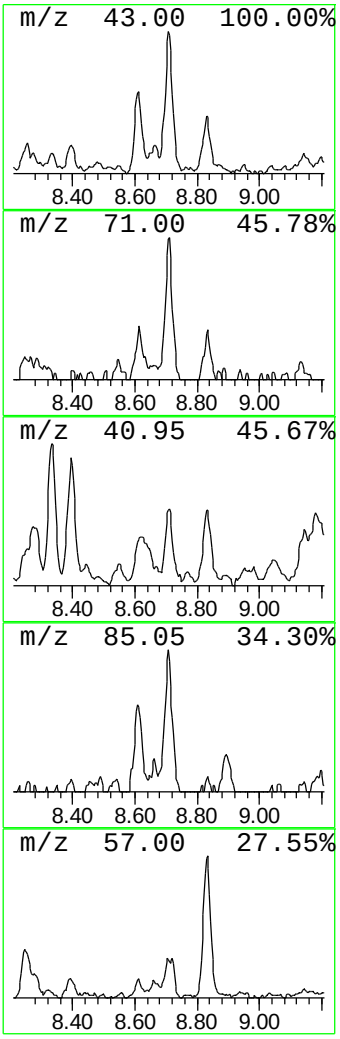
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.41 ug/L	46619	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Decane	142	C10H22	000124-18-5	59
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59





Library Search Compound Report

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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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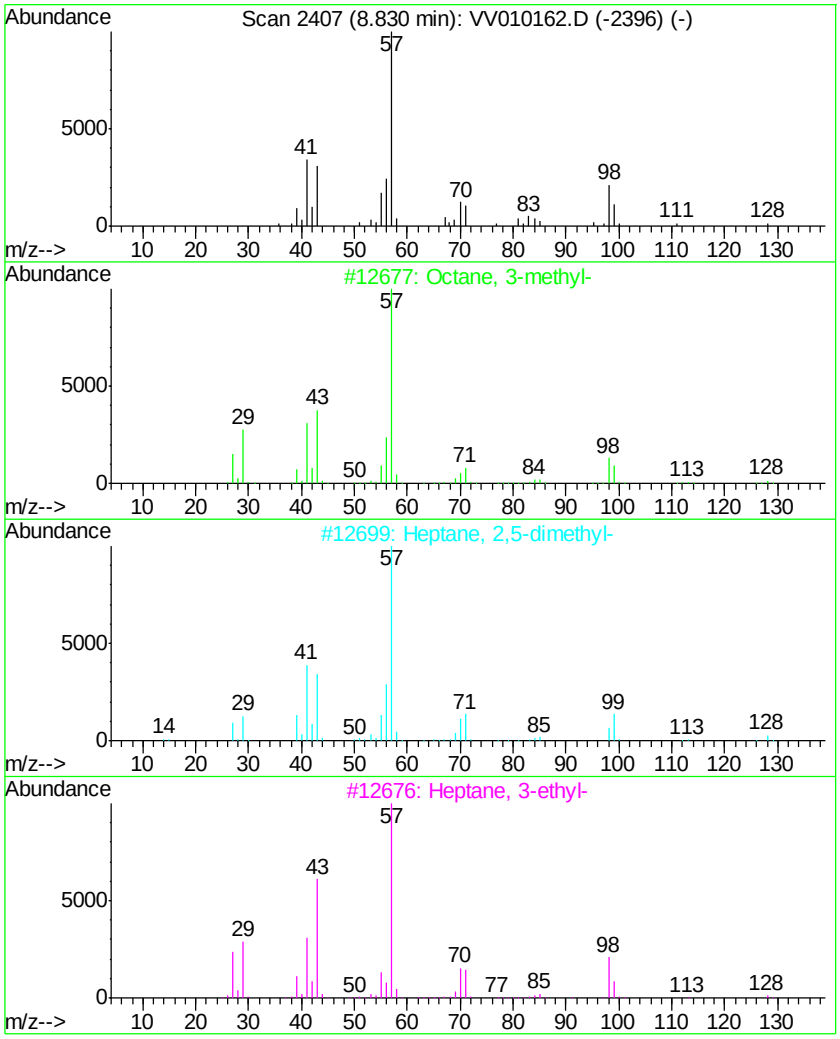
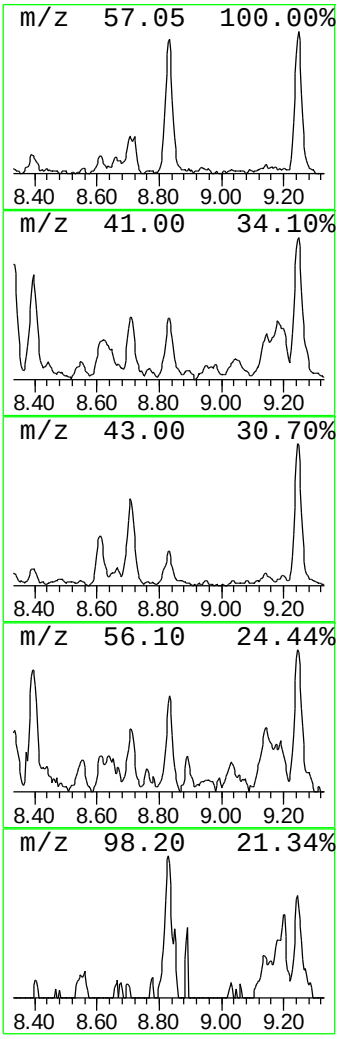
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.62 ug/L	50780	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	83
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	74
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59





Library Search Compound Report

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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

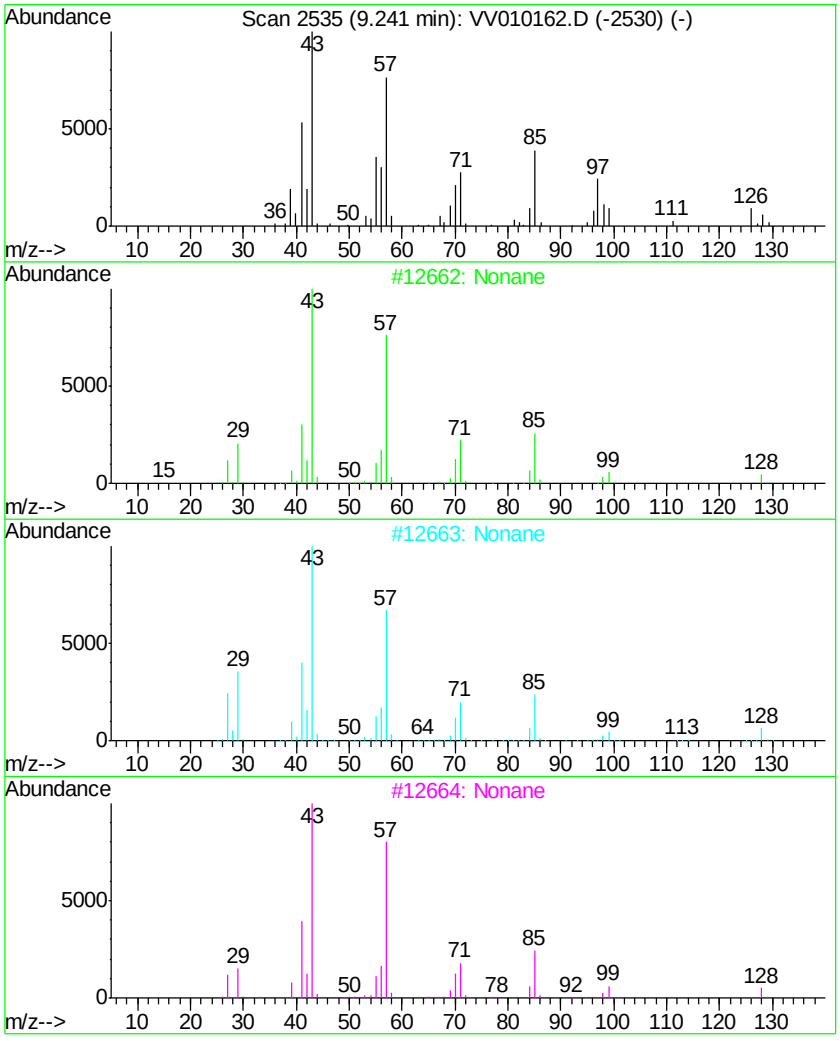
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

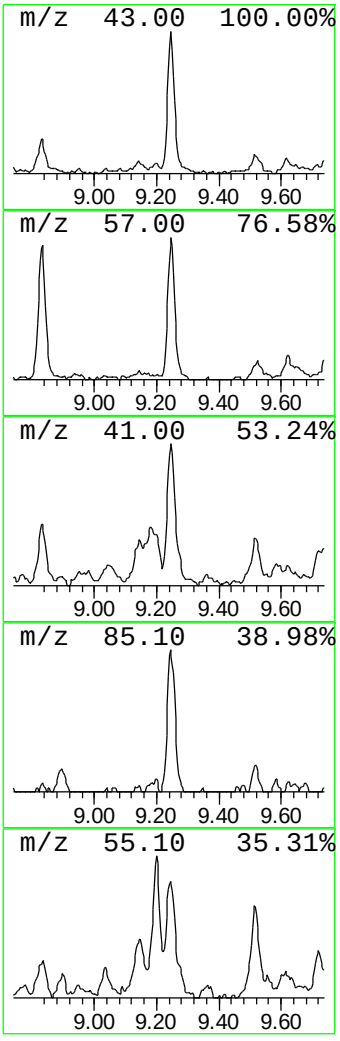
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.87 ug/L	132920	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	70
2	Nonane	128	C9H20	000111-84-2	62
3	Nonane	128	C9H20	000111-84-2	58
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
5	Ether, heptyl hexyl	200	C13H28O	007289-40-9	47





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Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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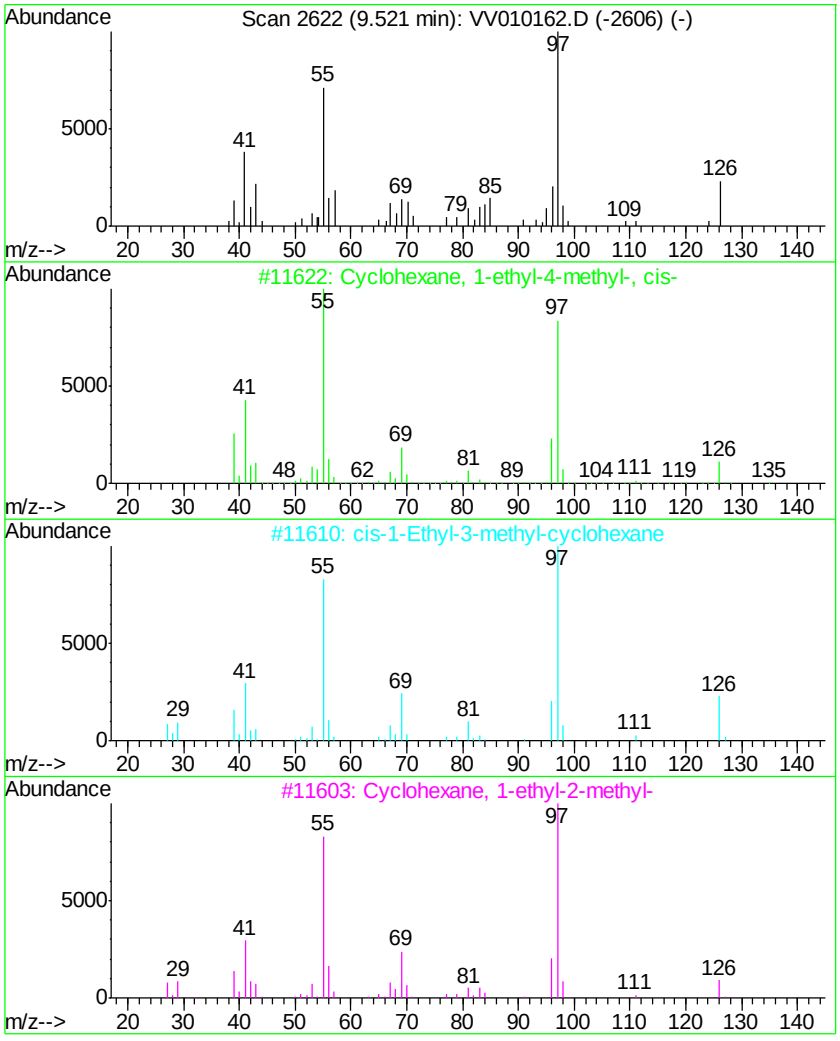
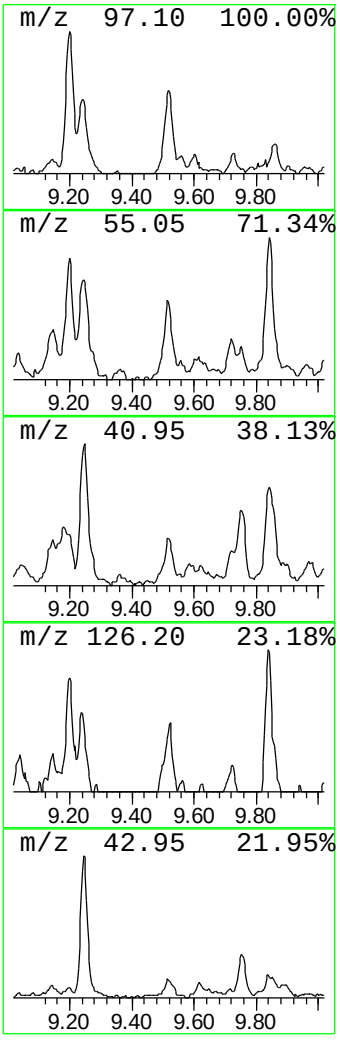
Peak Number 13 (DEL) Alkane: Cyclic9.52 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.09 ug/L	59708	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	70
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	62
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58





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Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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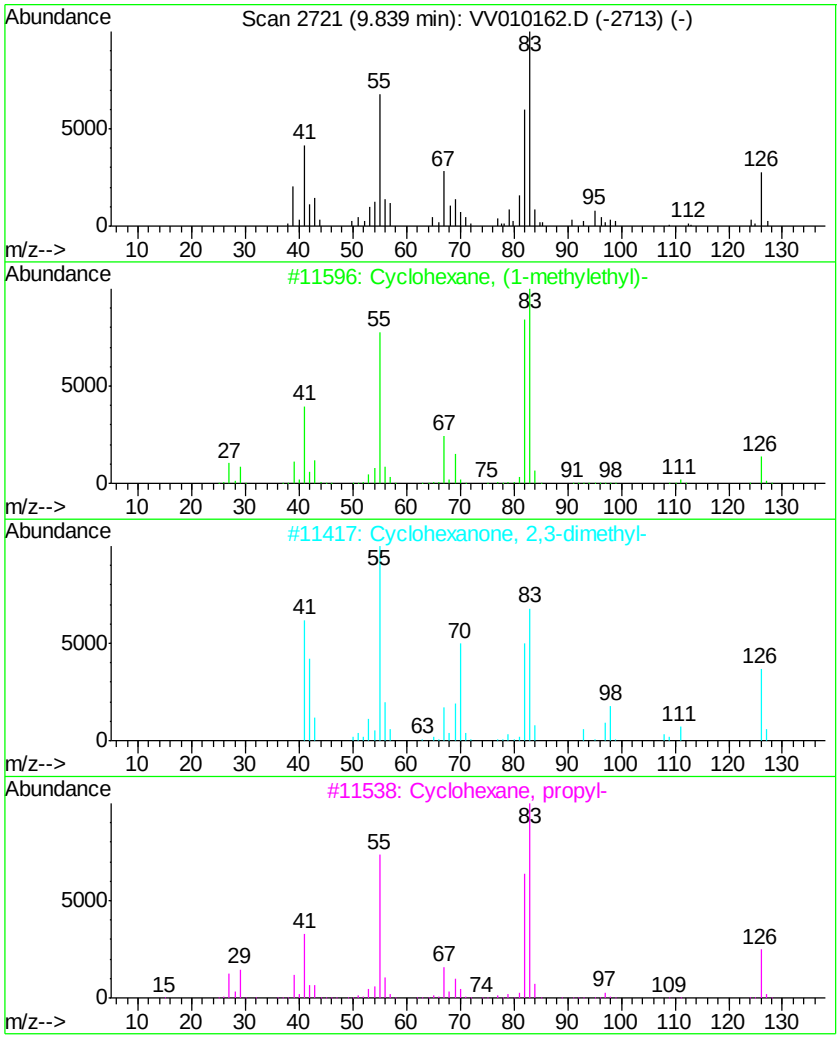
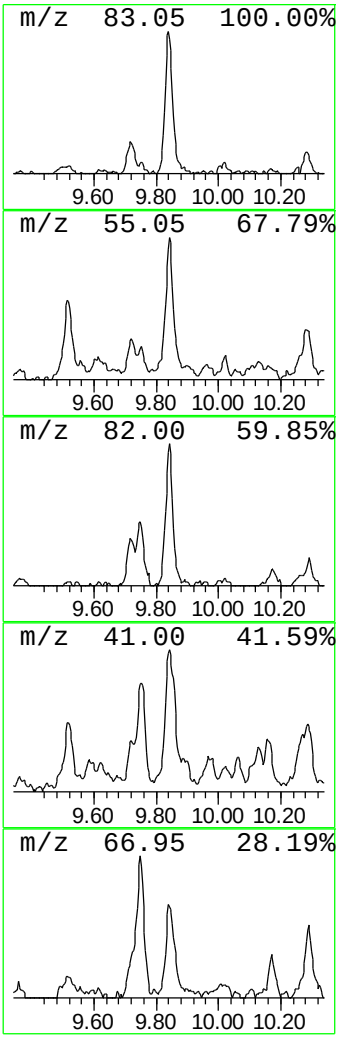
Peak Number 14 (DEL) Alkane: Cyclic9.84 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	5.19 ug/L	100422	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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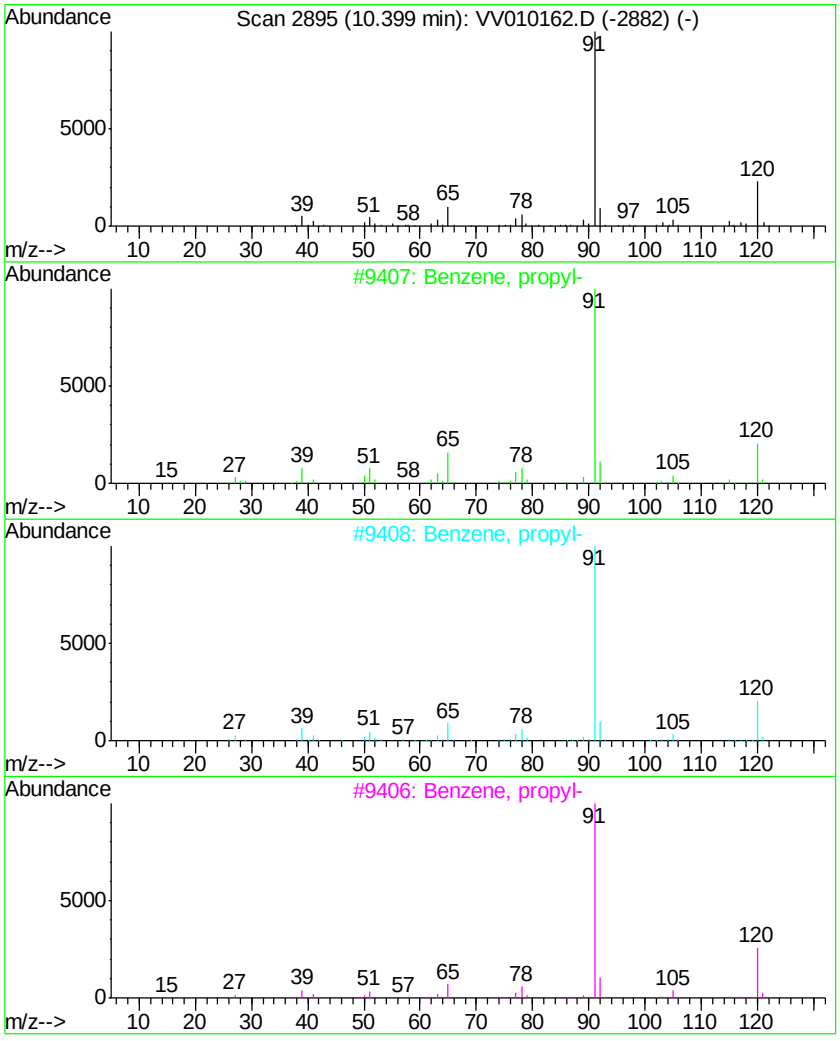
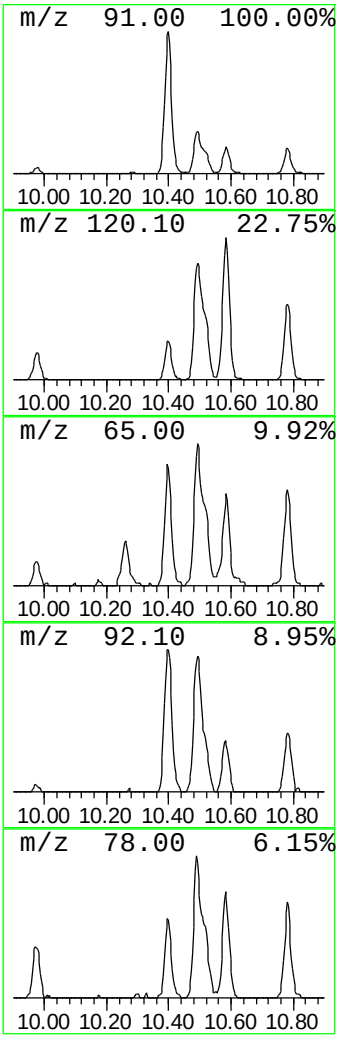
Peak Number 15 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	15.65 ug/L	213212	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





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Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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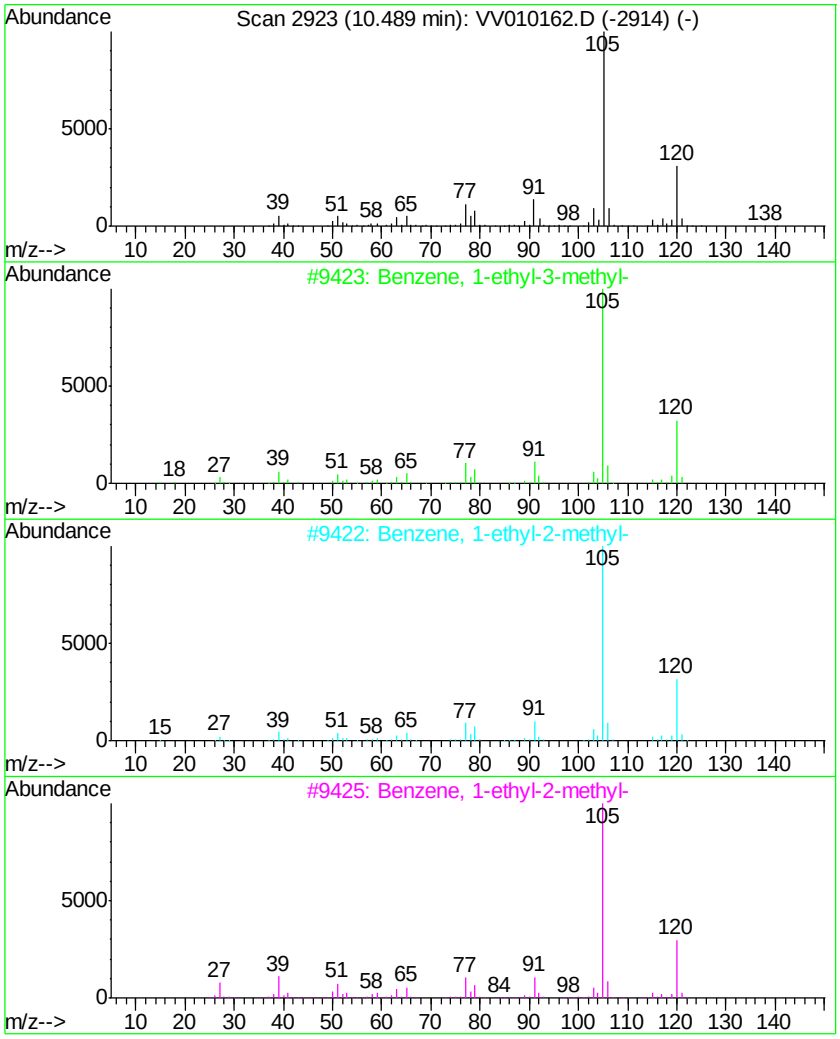
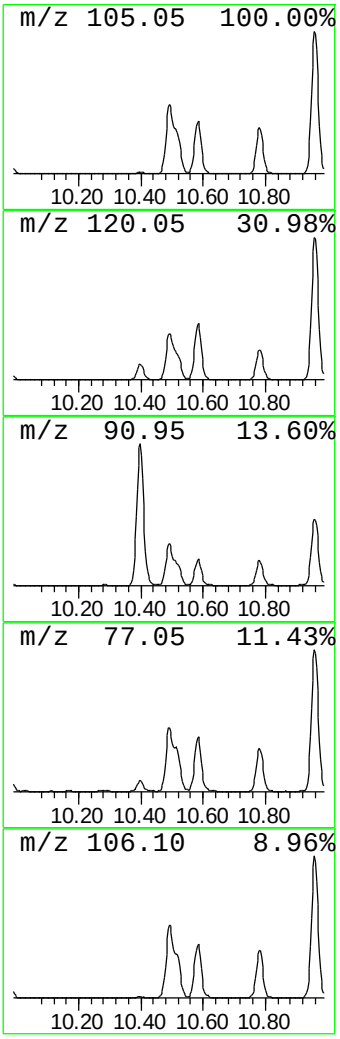
Peak Number 16 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	55.65 ug/L	758033	1,4-Dichlorobenzene-d4	11.30

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-ethyl-2-methyl-	120	C9H12	000611-14-3	94





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Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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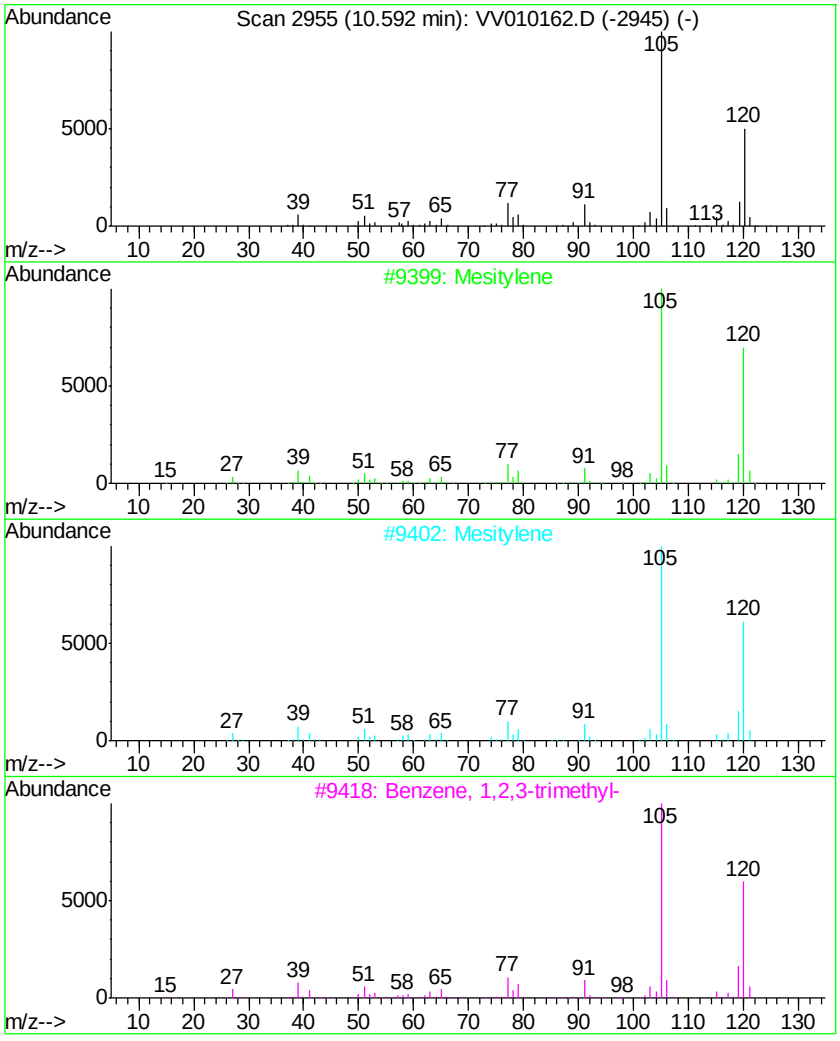
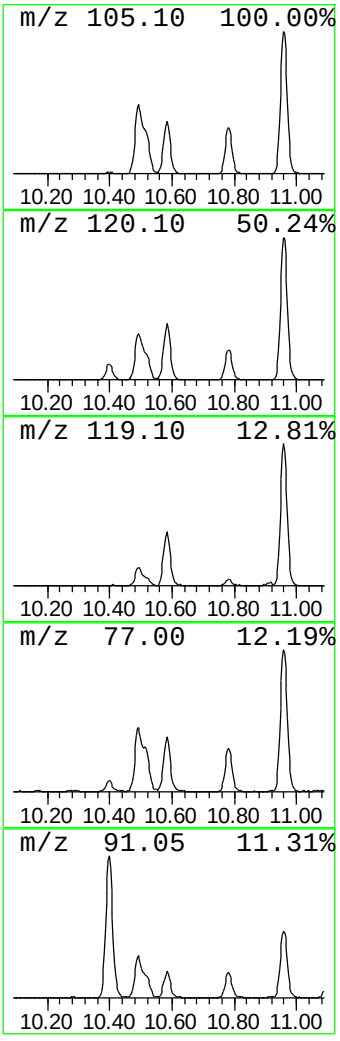
Peak Number 17 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	24.09 ug/L	328134	1,4-Dichlorobenzene-d4	11.30

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	Mesitylene	120	C9H12	000108-67-8	94





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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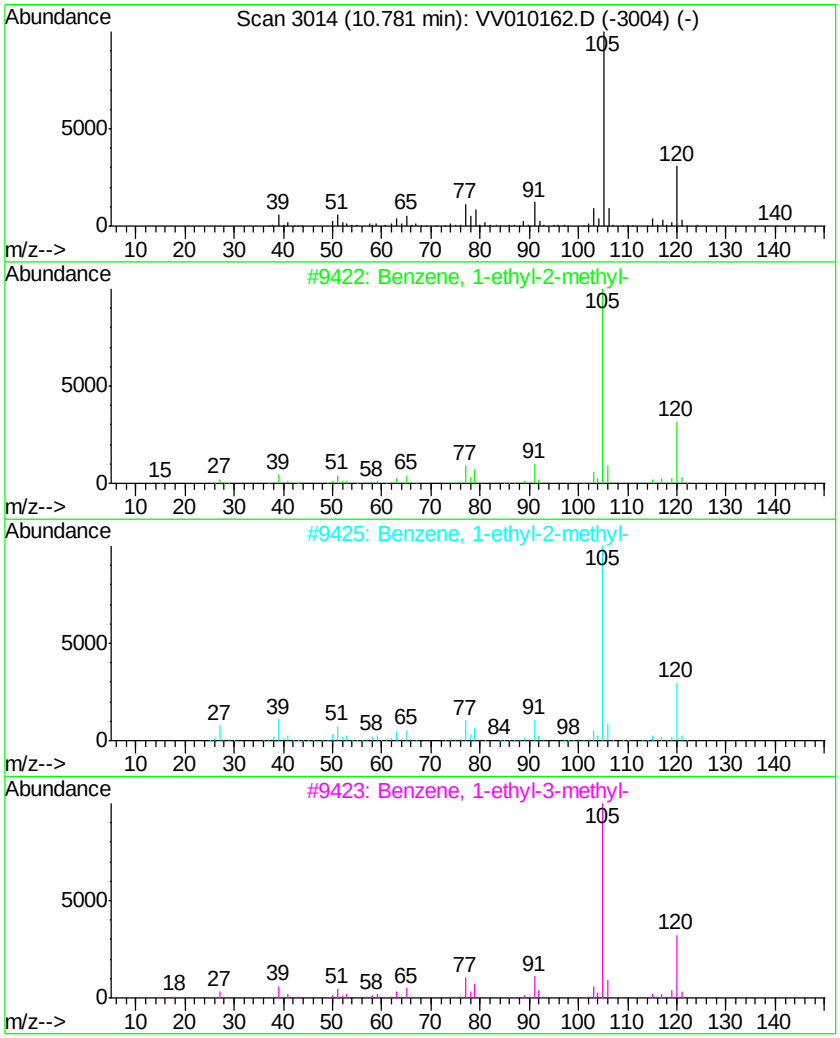
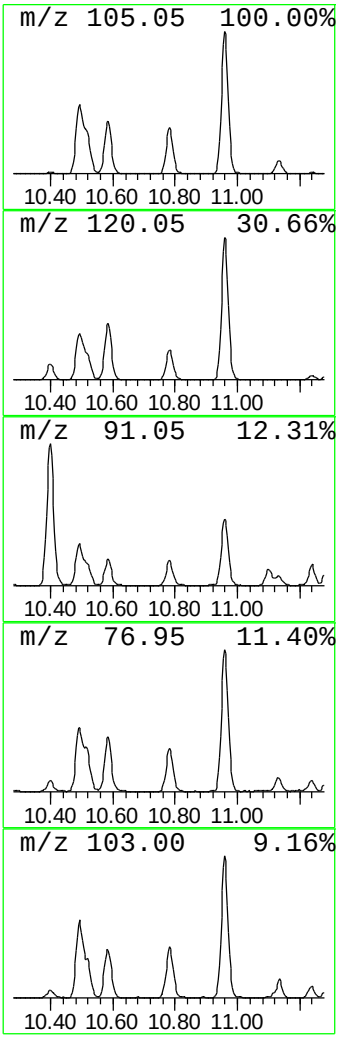
Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	27.00 ug/L	367722	1,4-Dichlorobenzene-d4	11.30

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-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

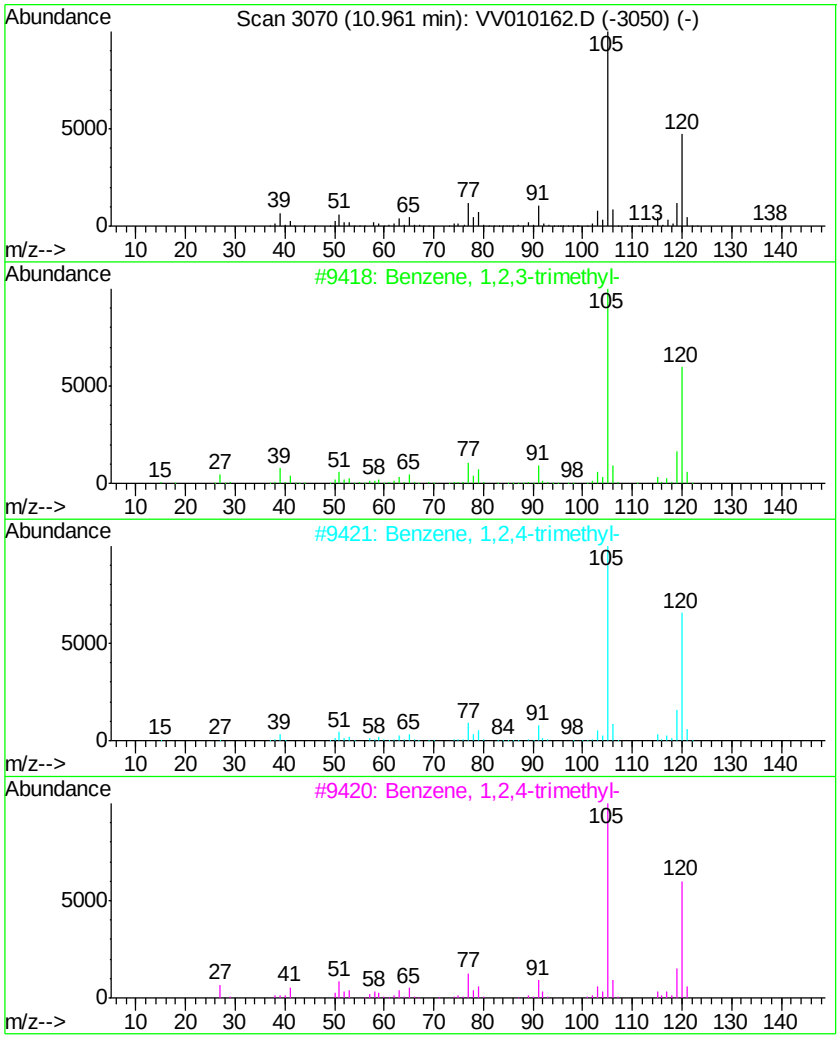
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

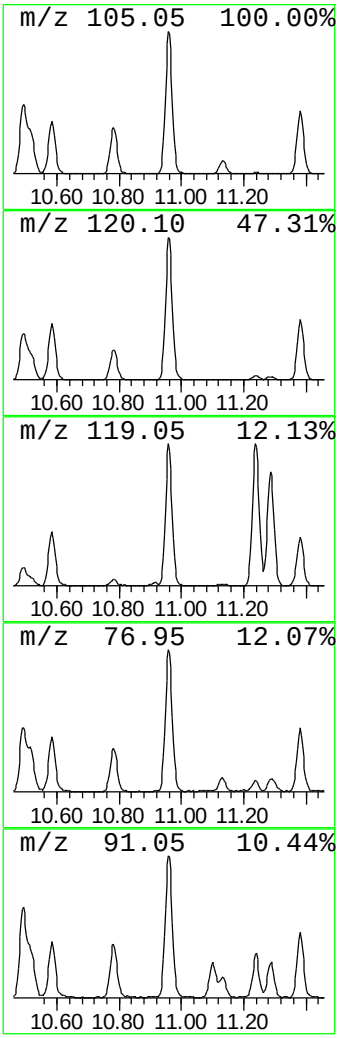
****

Peak Number 19 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	86.51 ug/L	1178460	1,4-Dichlorobenzene-d4	11.30

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





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

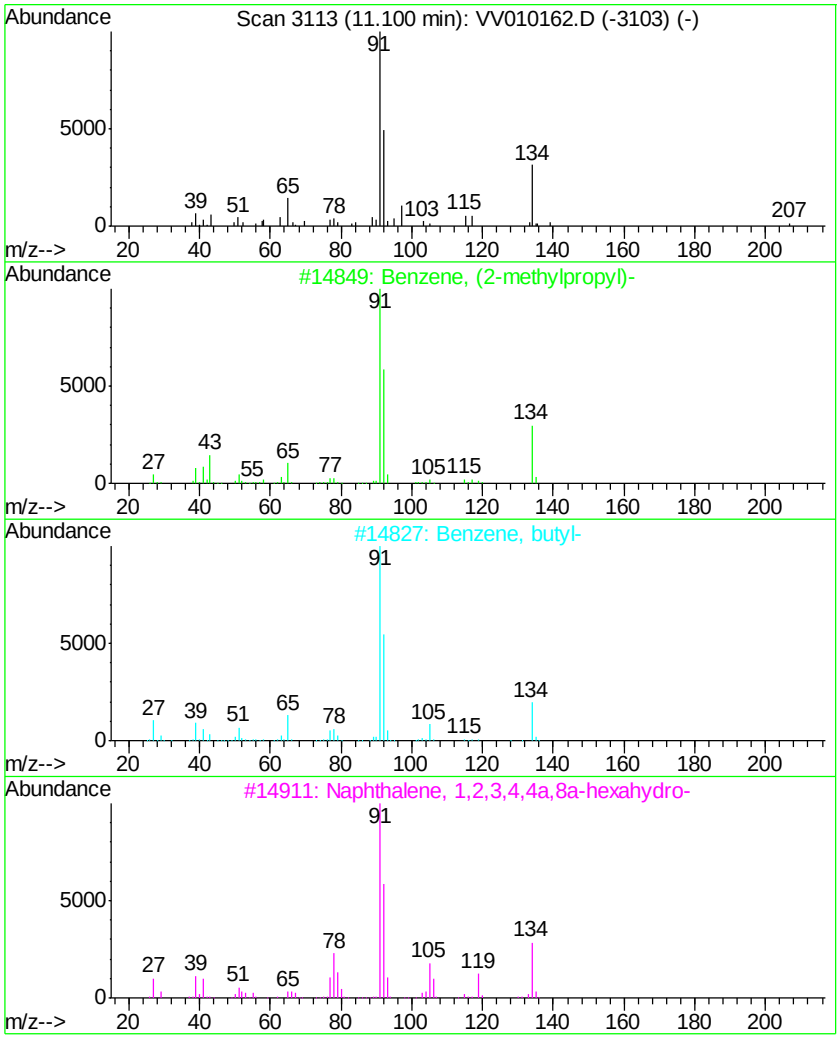
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

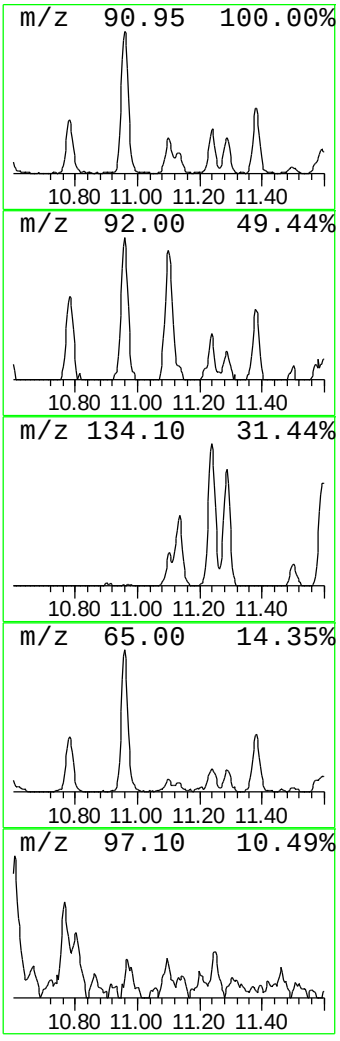
****

Peak Number 20 Benzene, (2-methylpropyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	1.90 ug/L	25847	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	72
2	Benzene, butyl-	134	C10H14	000104-51-8	53
3	Naphthalene, 1,2,3,4,4a,8a-hexah...	134	C10H14	062690-62-4	52
4	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	49
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	49





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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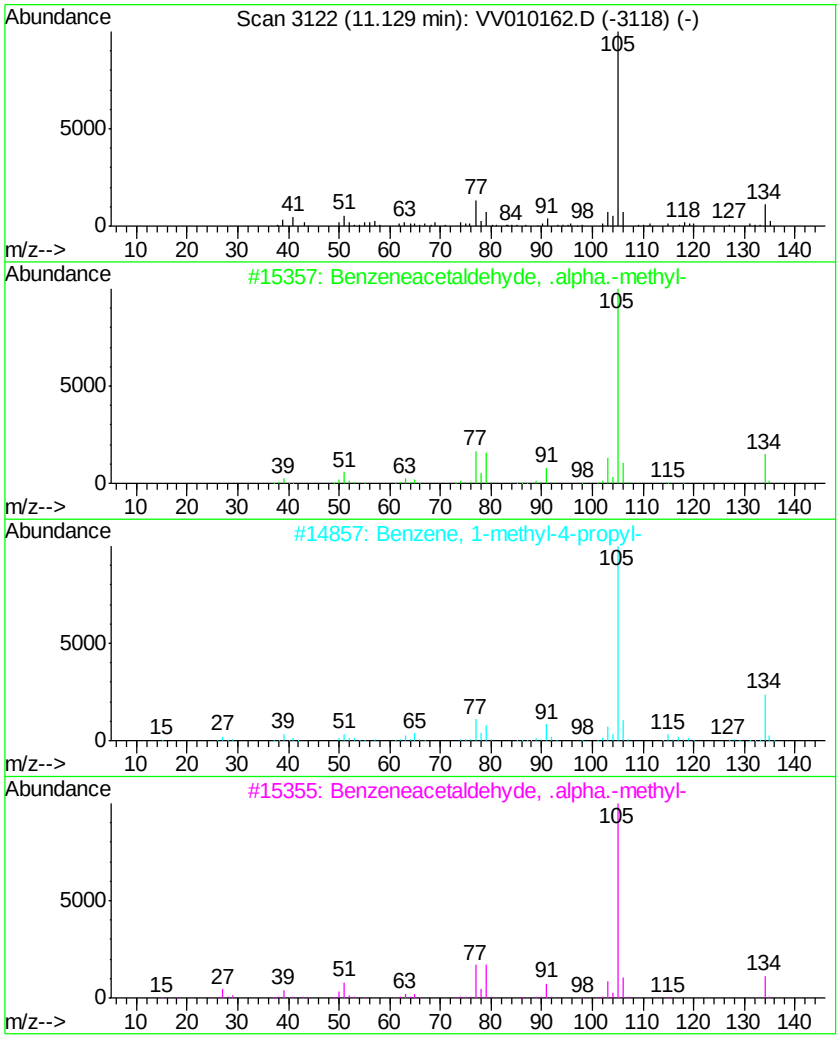
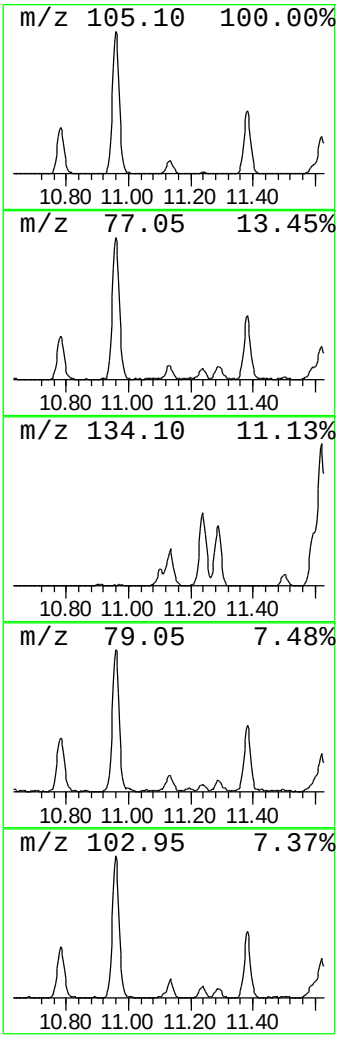
Peak Number 21 Benzeneacetaldehyde, .alpha... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.75 ug/L	91906	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	64





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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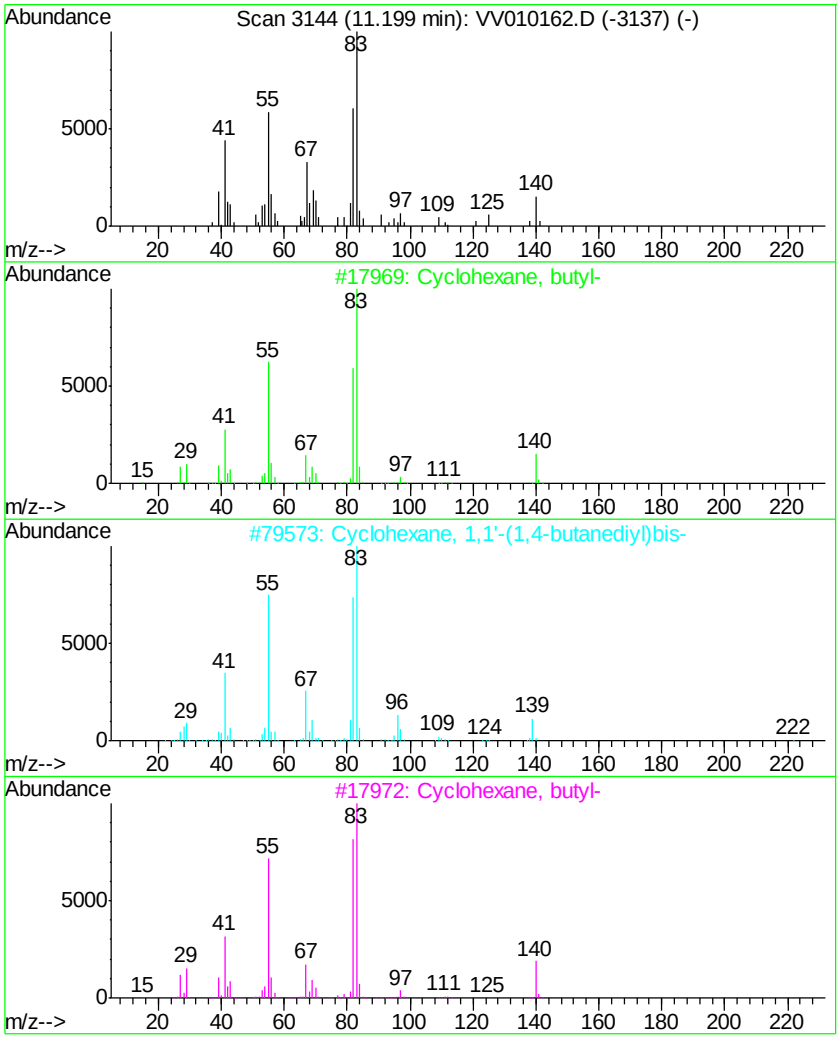
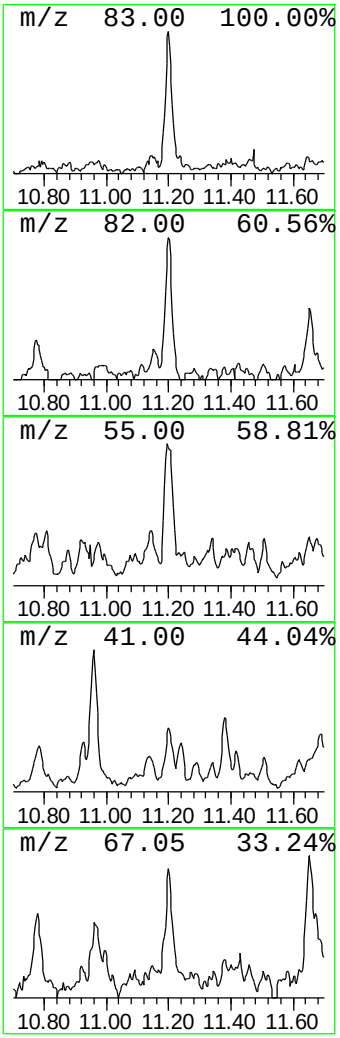
Peak Number 22 (DEL) Alkane: Cyclic11.20 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.04 ug/L	41395	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	59





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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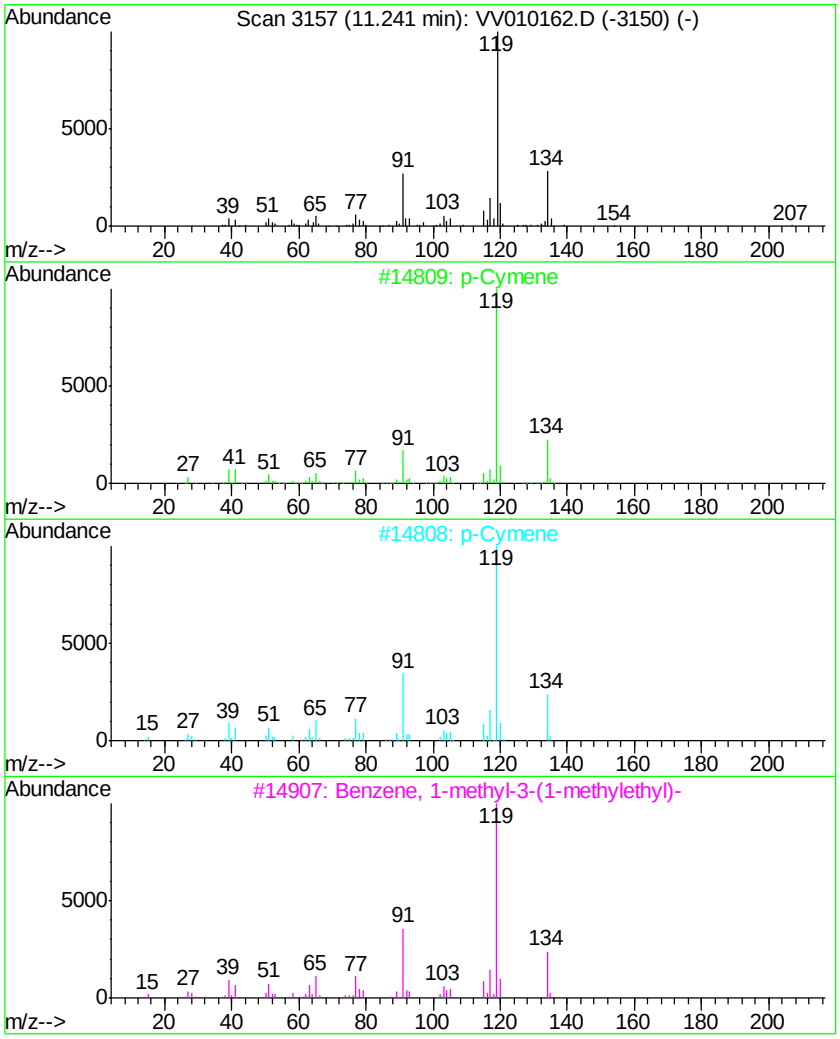
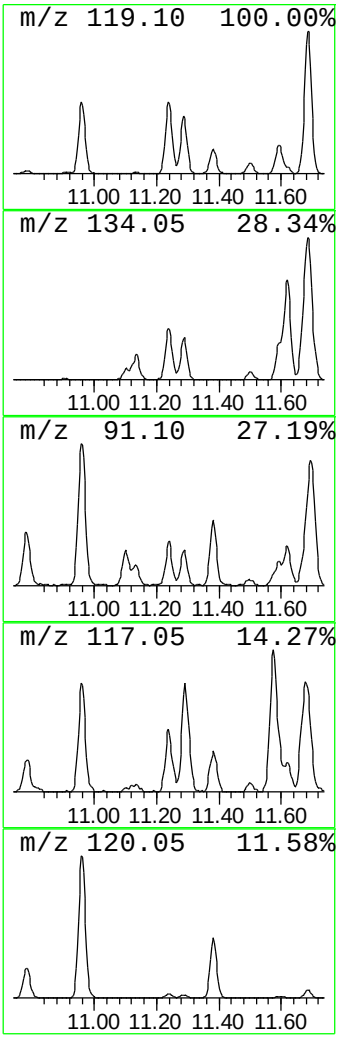
Peak Number 23 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	9.24 ug/L	125927	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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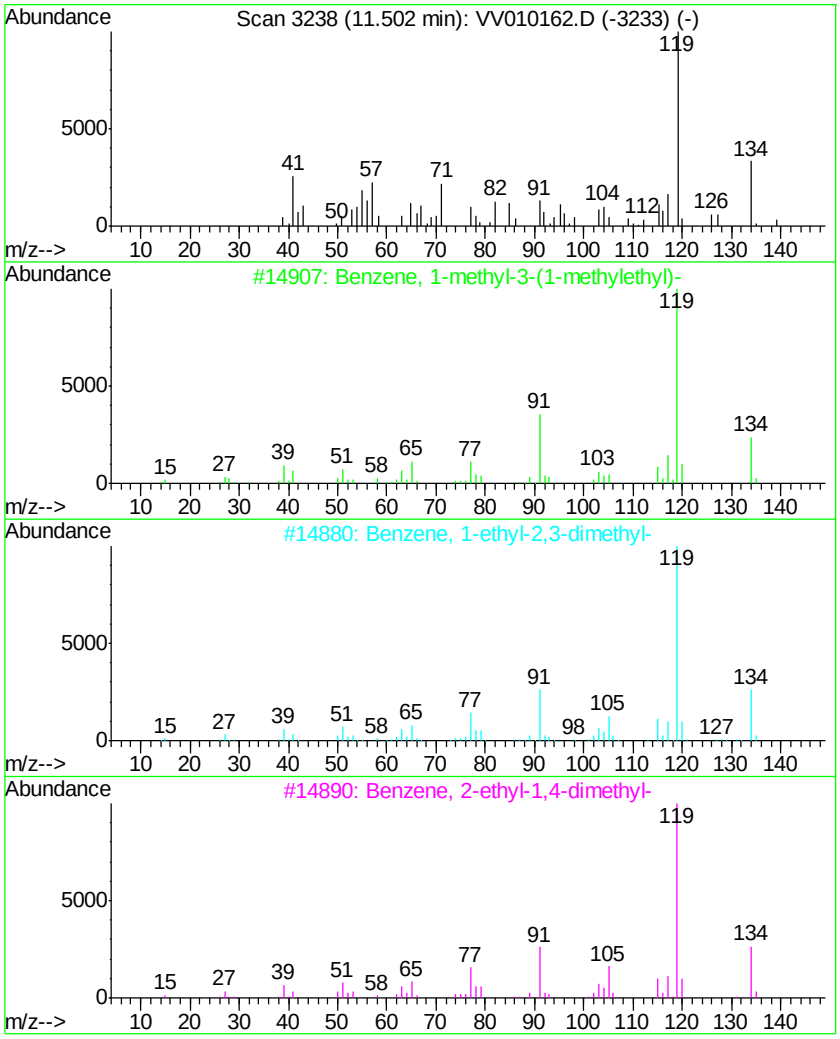
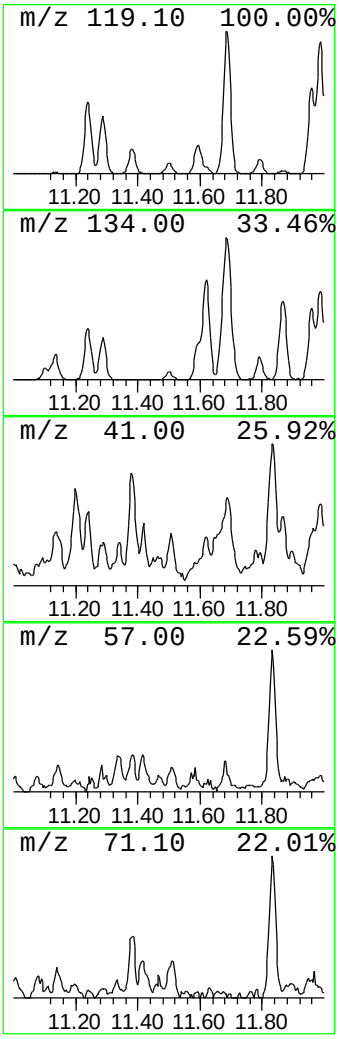
Peak Number 25 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.81 ug/L	38211	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	p-Cymene	134	C10H14	000099-87-6	46
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46





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Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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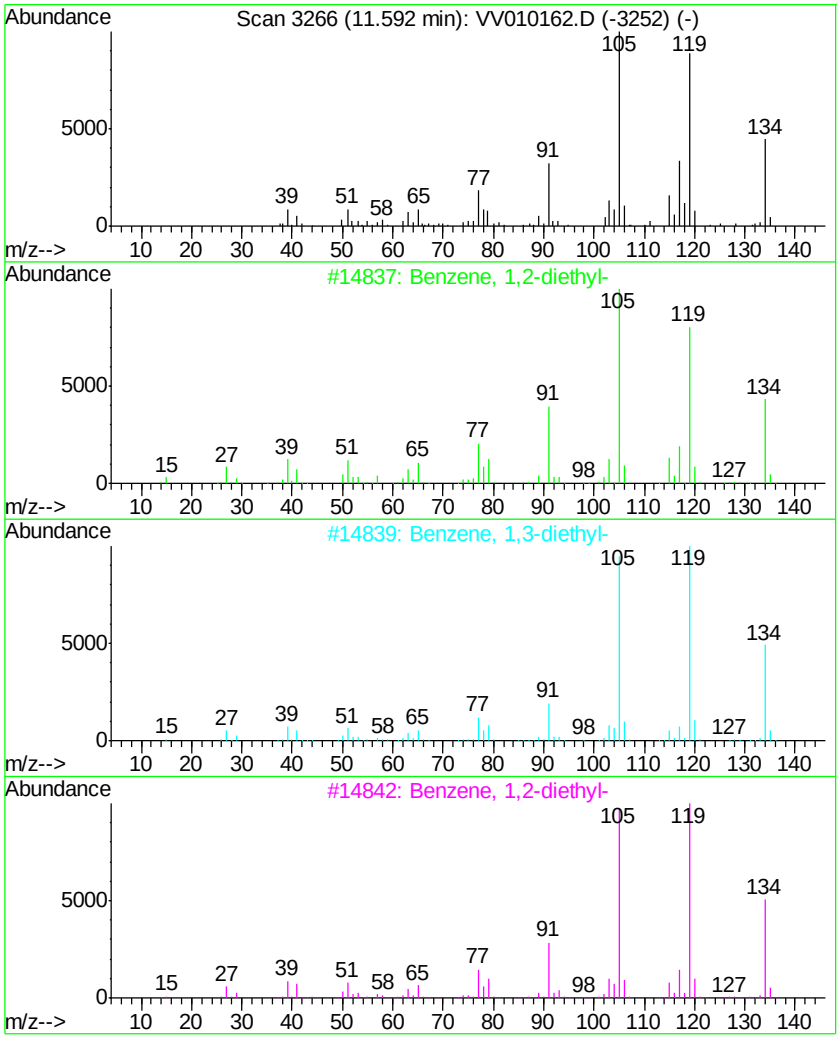
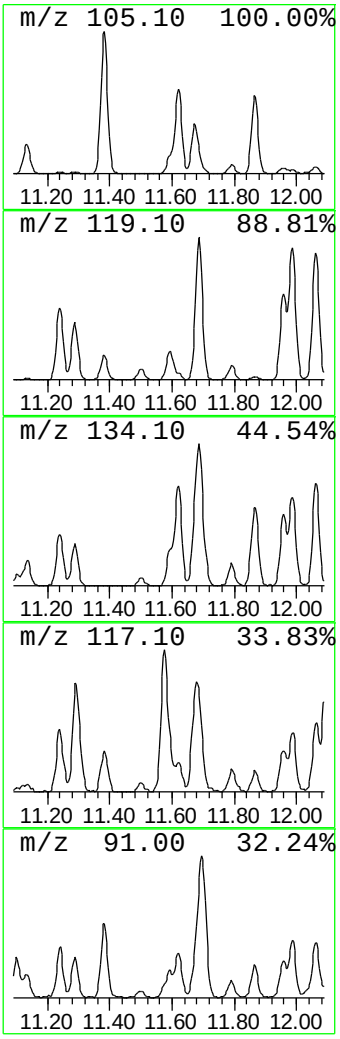
Peak Number 26 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	9.84 ug/L	134032	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83





Library Search Compound Report

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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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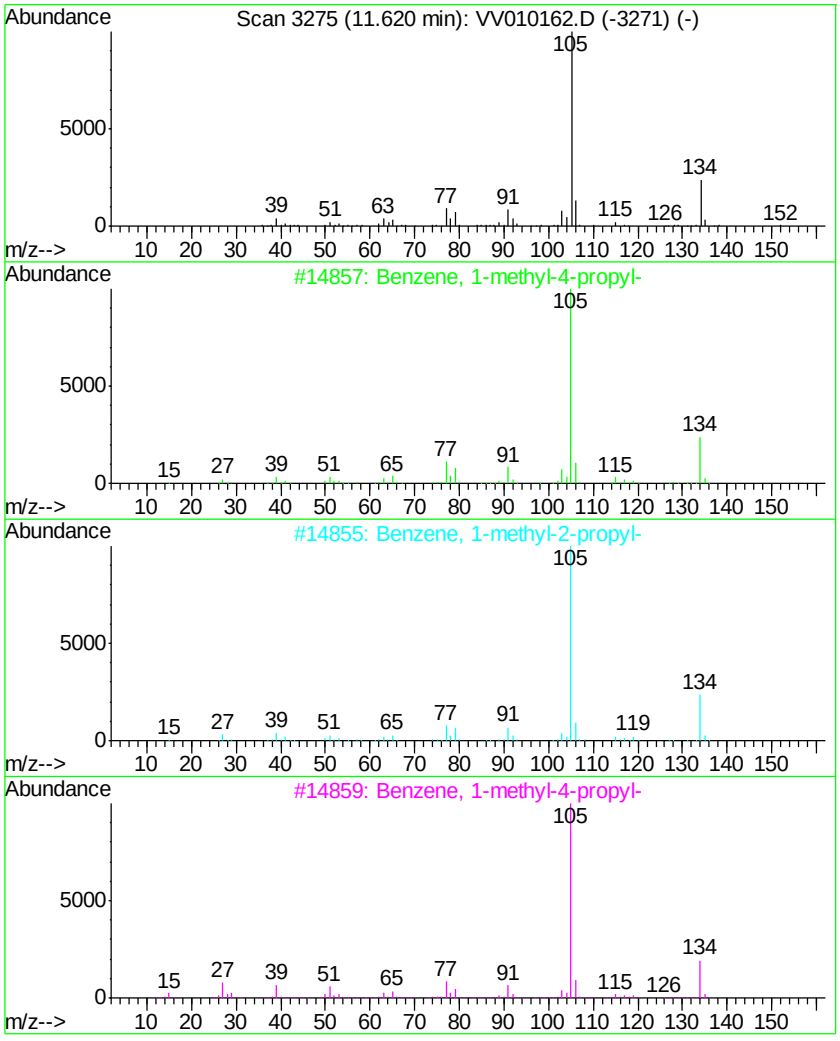
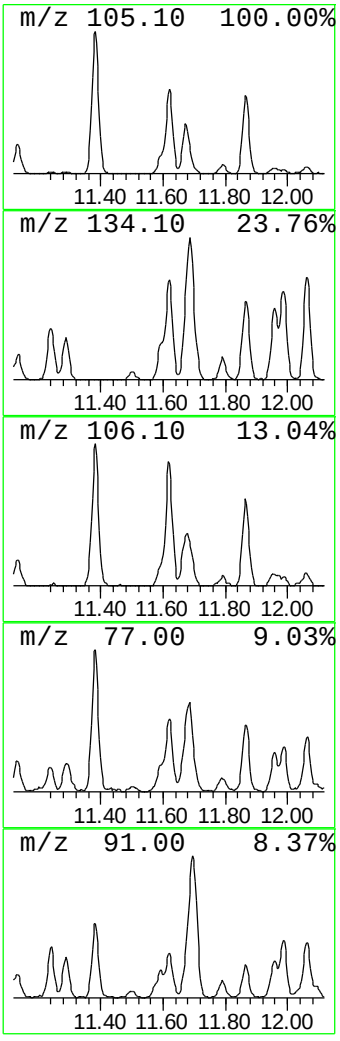
Peak Number 27 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	16.98 ug/L	231229	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.90 ug/L	148510	1,4-Dichlorobenzene-d4	11.30

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	97
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
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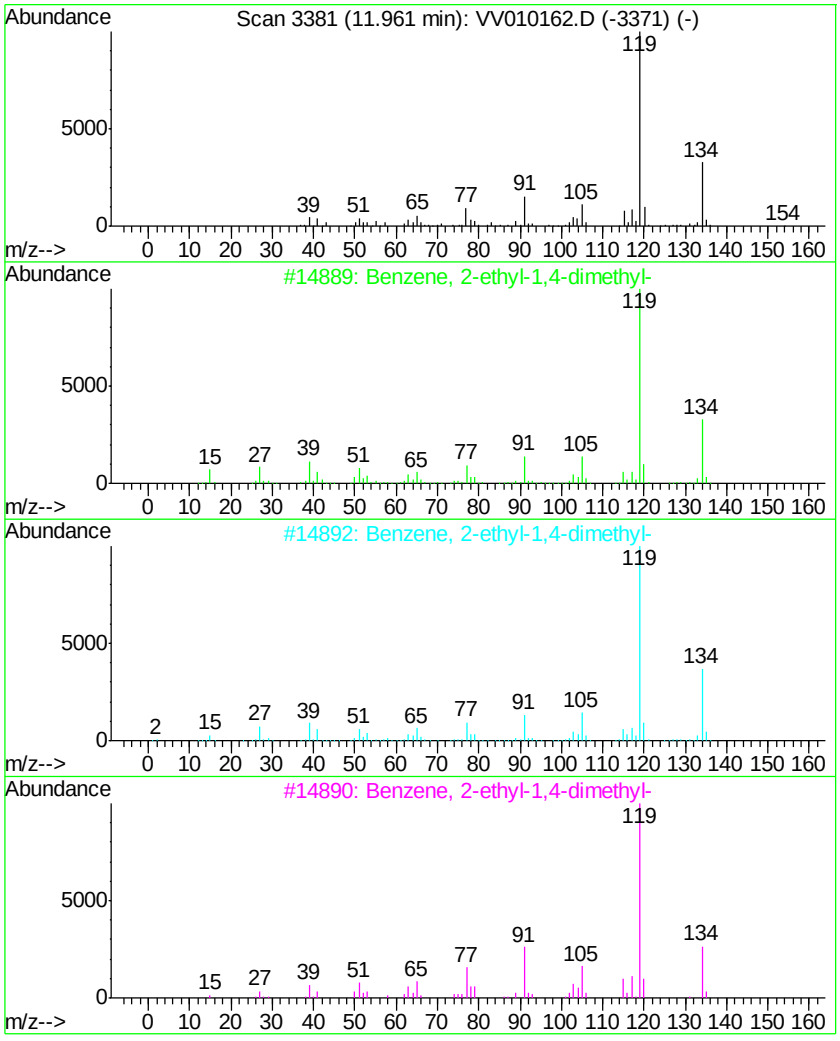

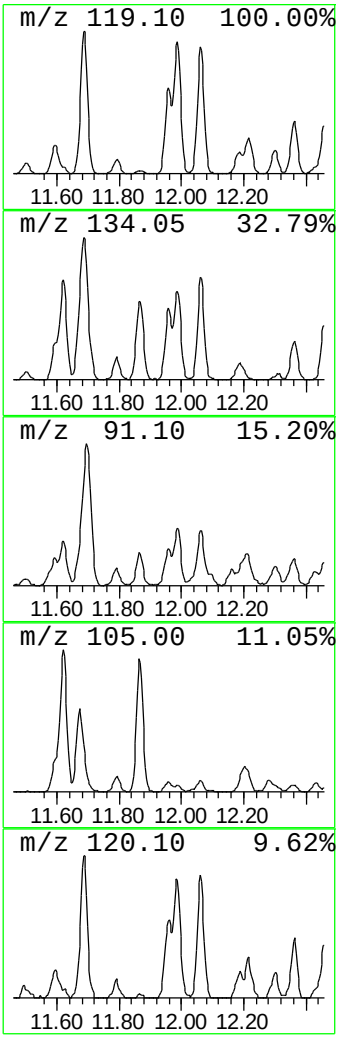

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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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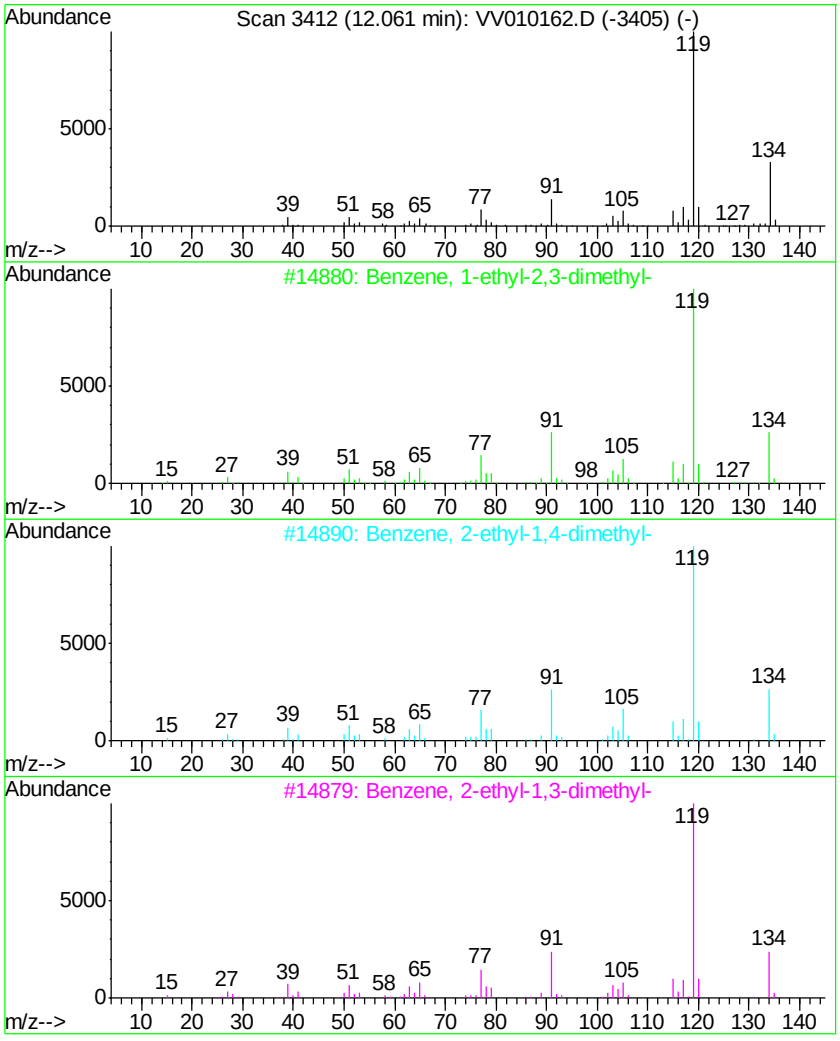
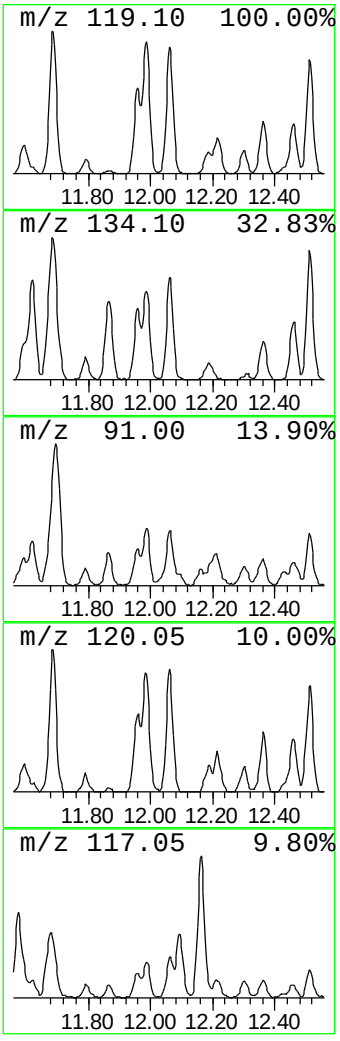
Peak Number 31 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	13.96 ug/L	190097	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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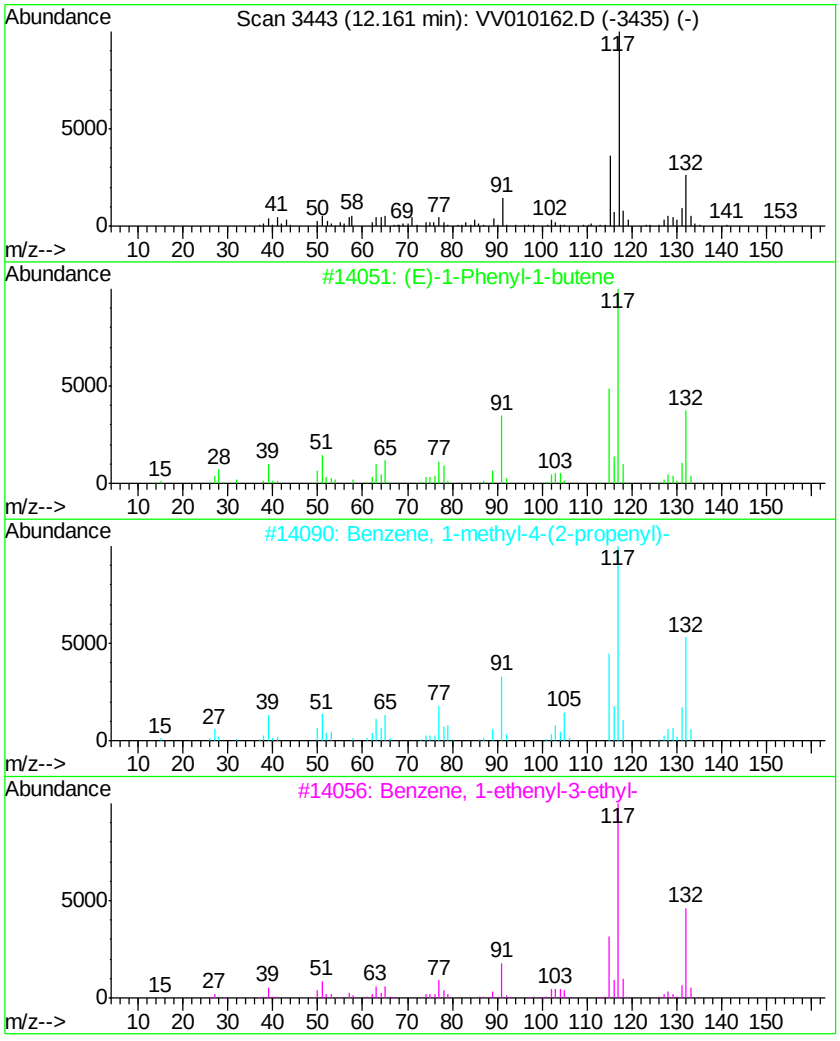
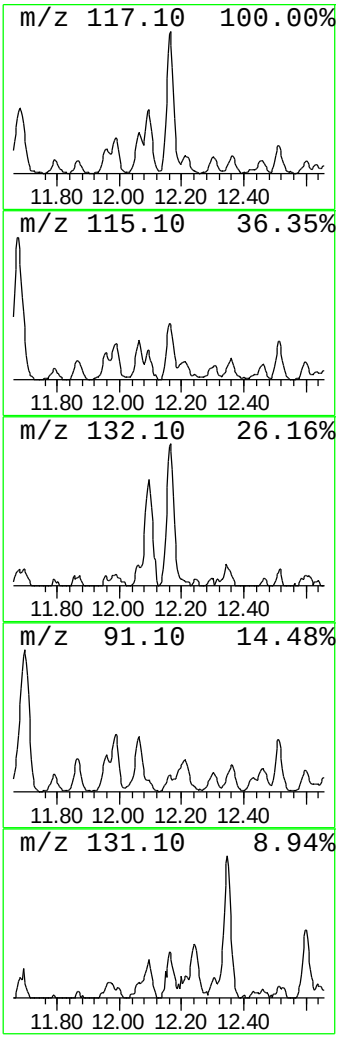
Peak Number 32 (E)-1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	8.20 ug/L	111656	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

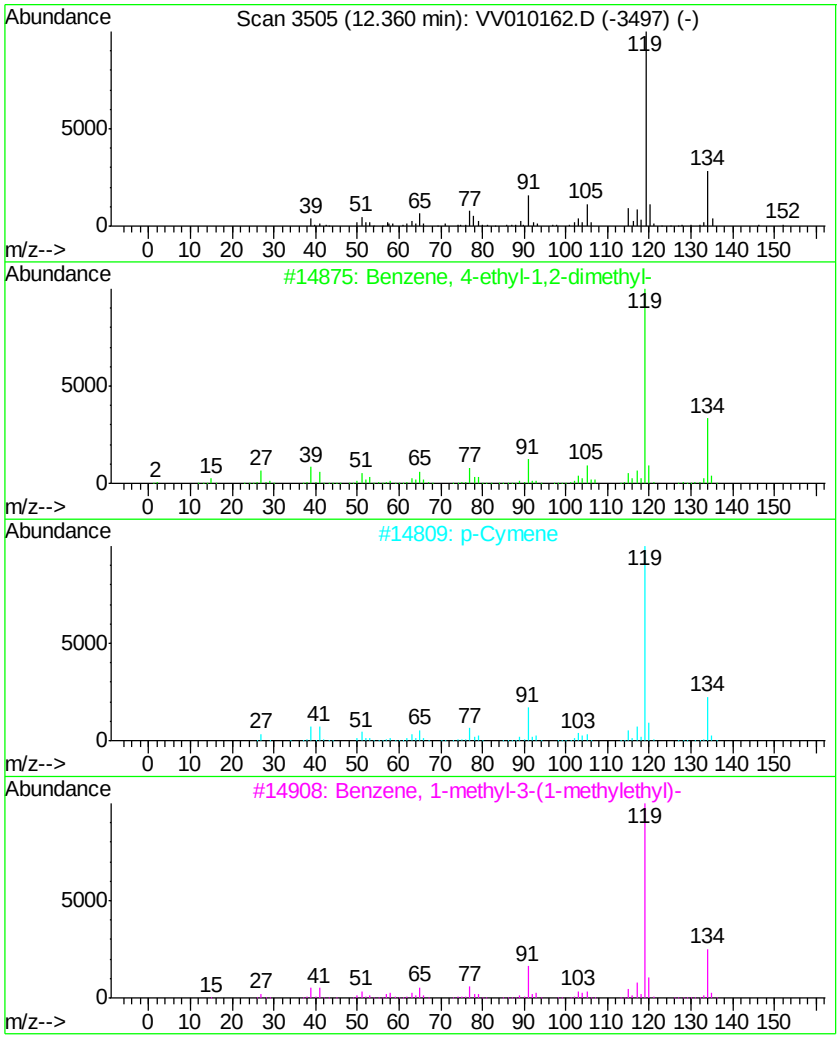
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

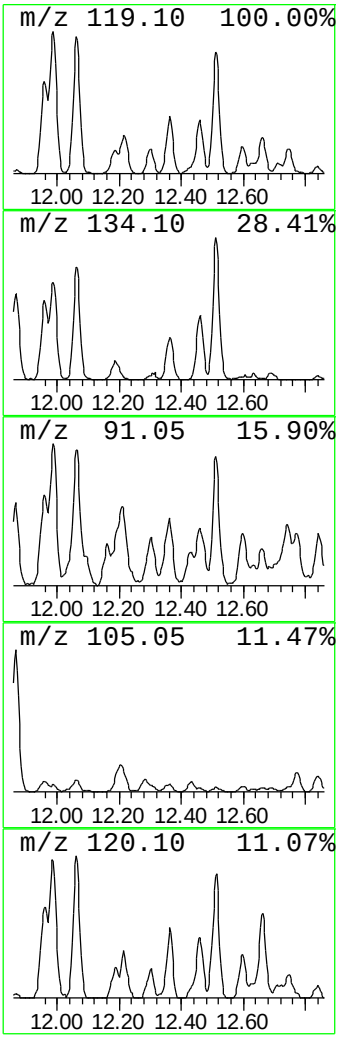
****

Peak Number 34 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.91 ug/L	121372	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

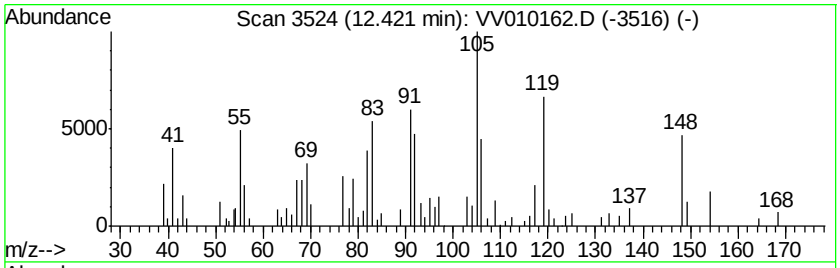
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

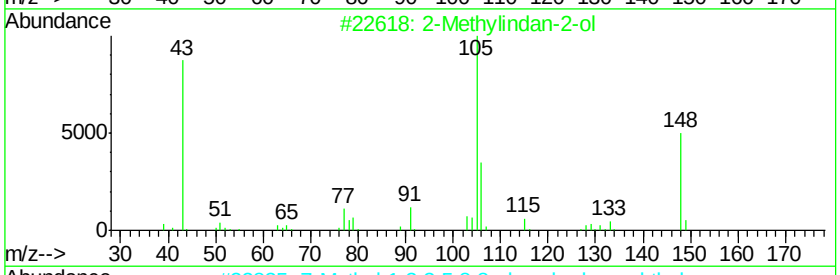
****

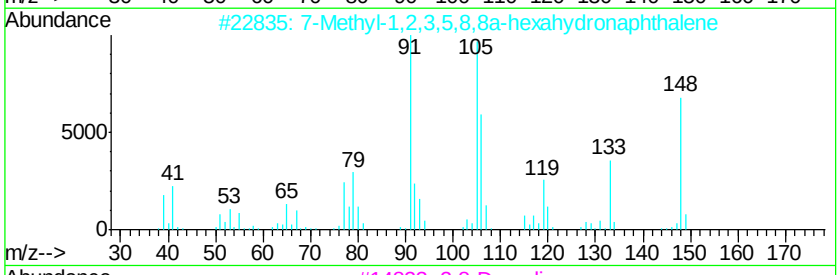
Peak Number 35 unknown-02 Concentration Rank 30

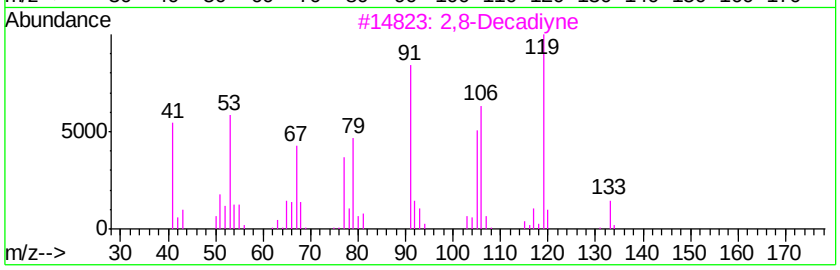
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.77 ug/L	51302	1,4-Dichlorobenzene-d4	11.30

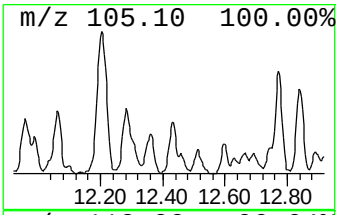
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
2	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	38
3	2,8-Decadiyne	134	C10H14	004116-93-2	35
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	27
5	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	27

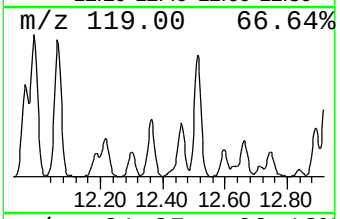


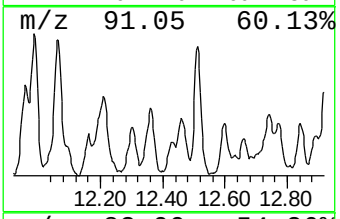


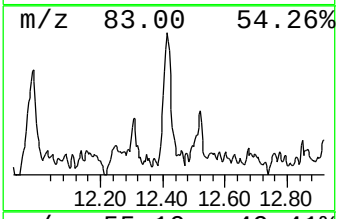


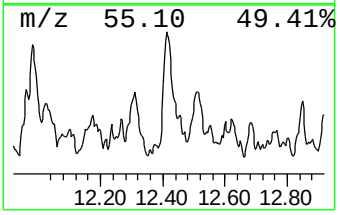












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

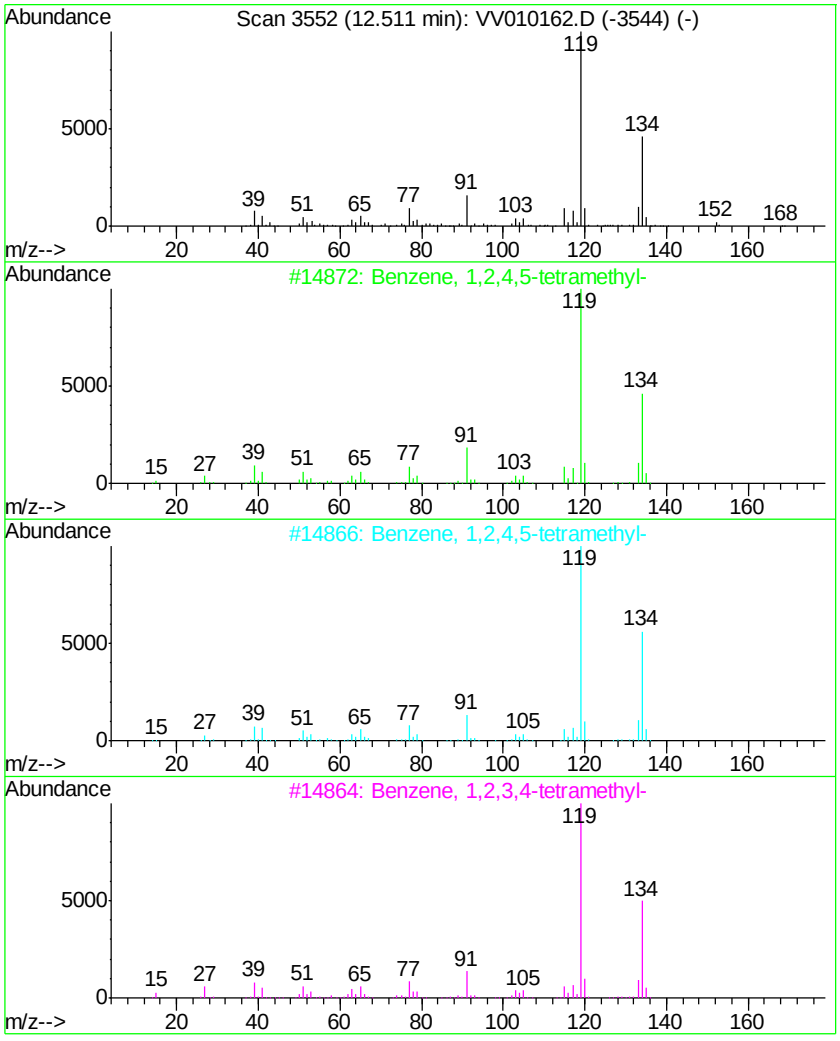
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

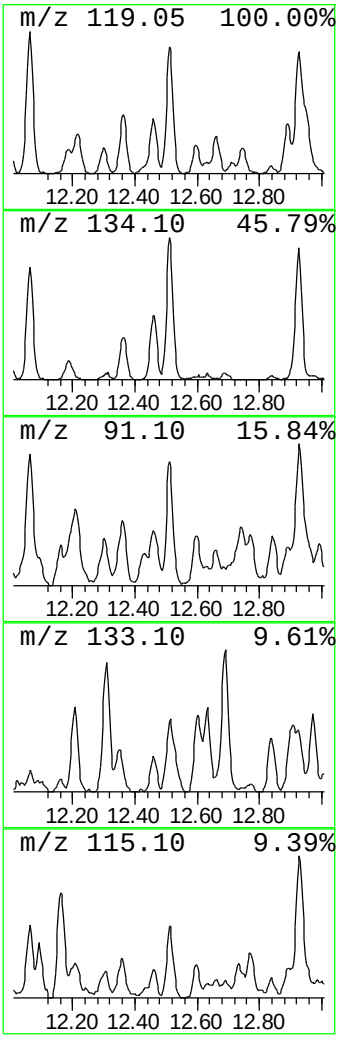
****

Peak Number 36 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	19.57 ug/L	266603	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

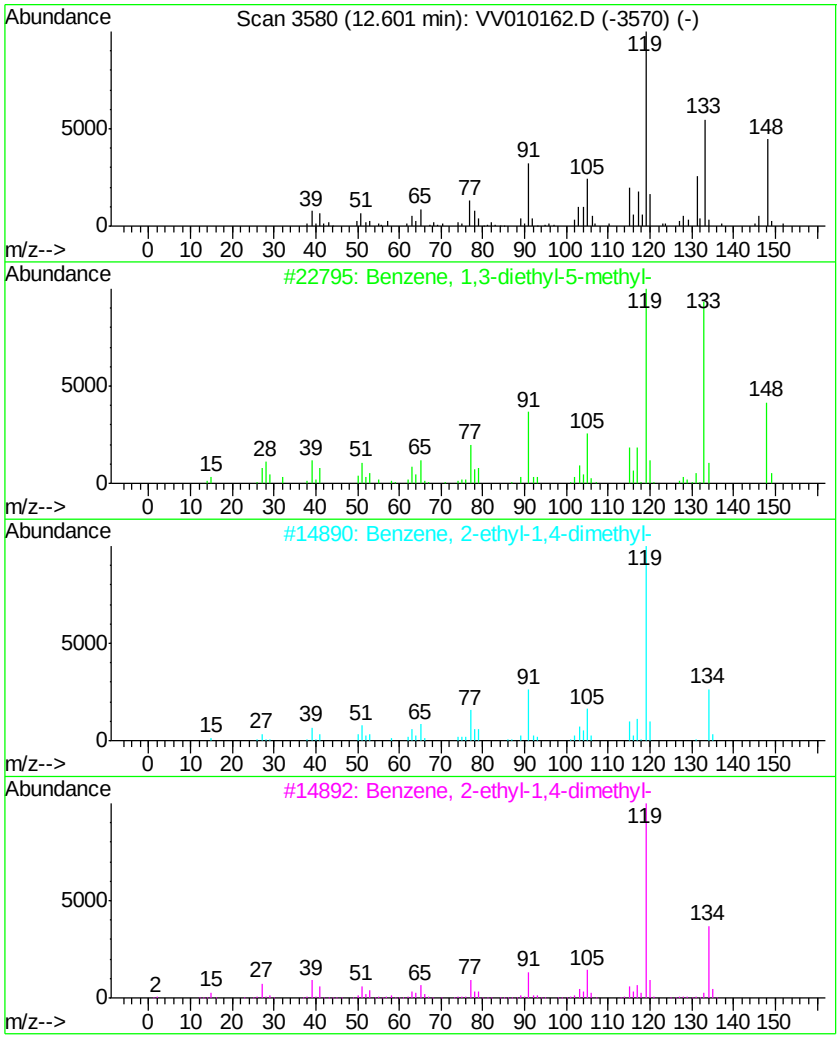
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

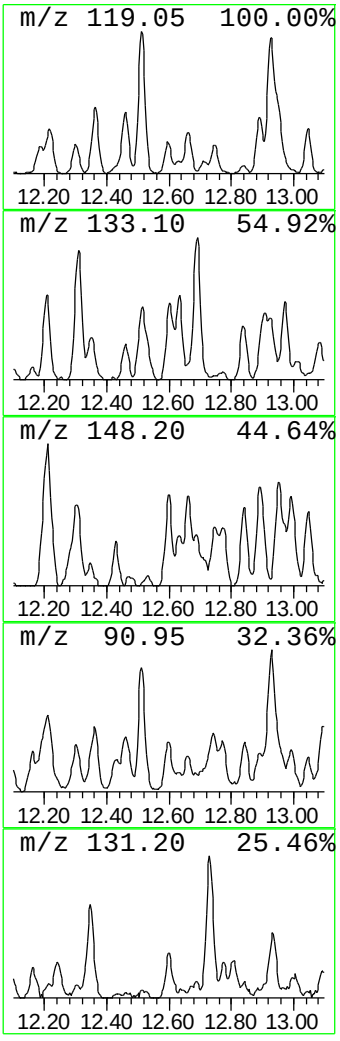
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.03 ug/L	82152	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	59
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	45
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

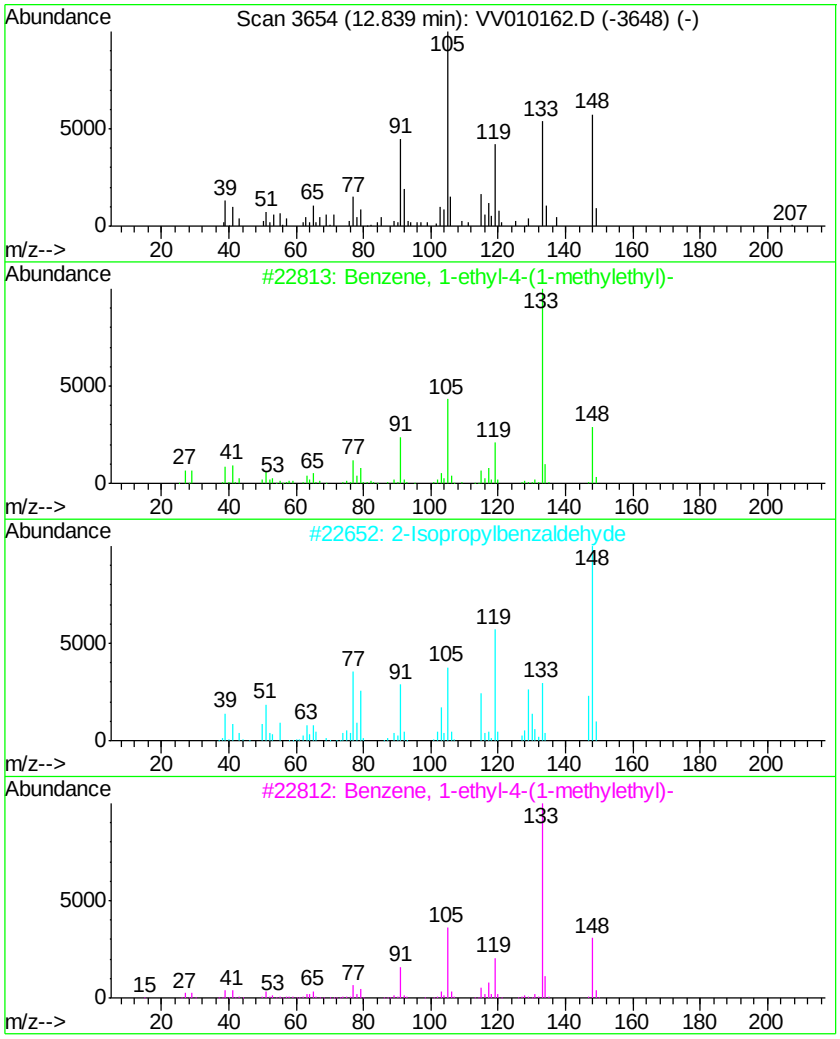
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

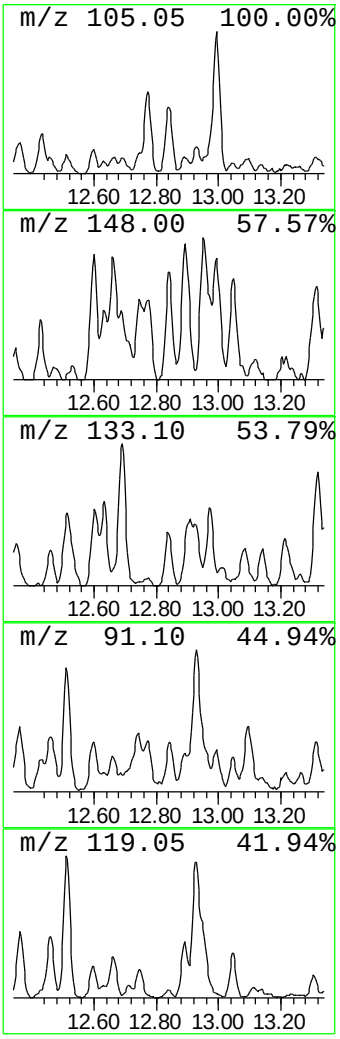
****

Peak Number 38 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	3.51 ug/L	47744	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
2	2-Isopropylbenzaldehyde	148	C10H12O	006502-22-3	49
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	43
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

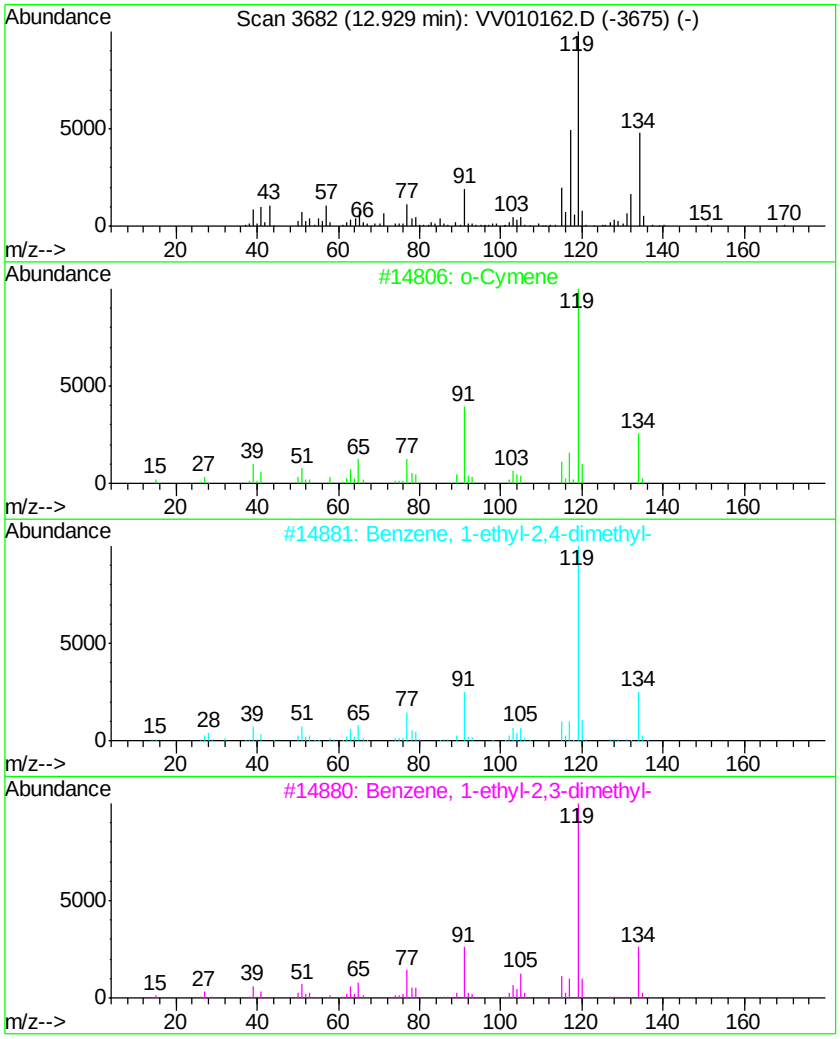
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

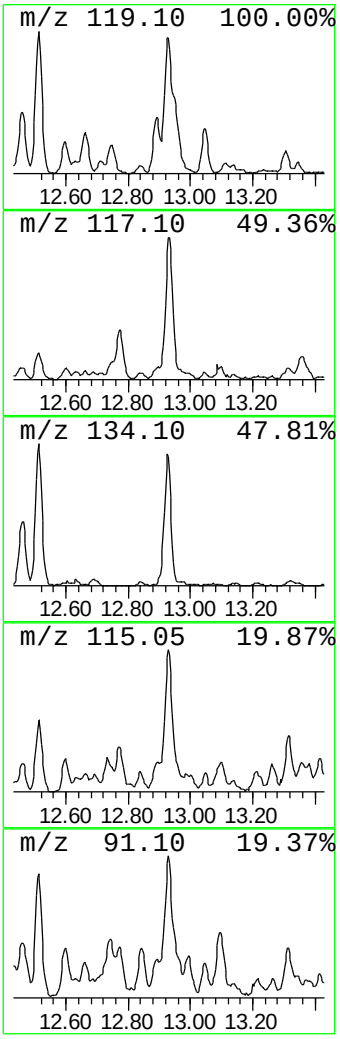
****

Peak Number 40 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	23.54 ug/L	320672	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

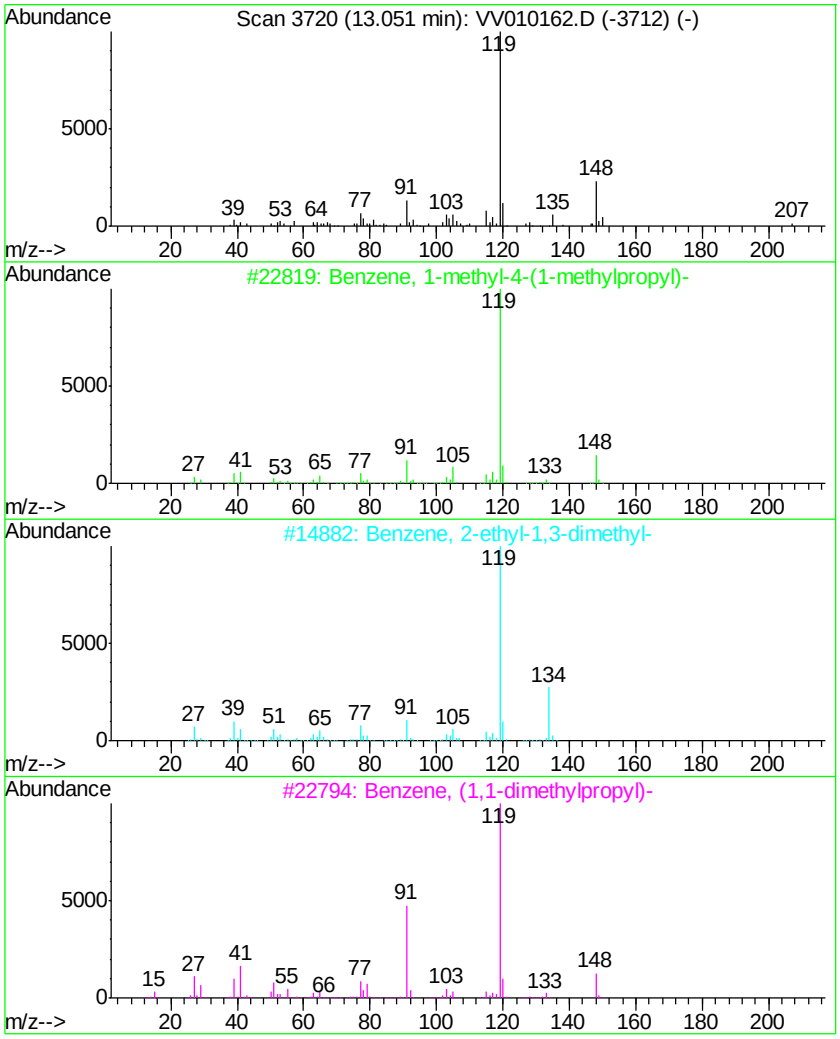
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

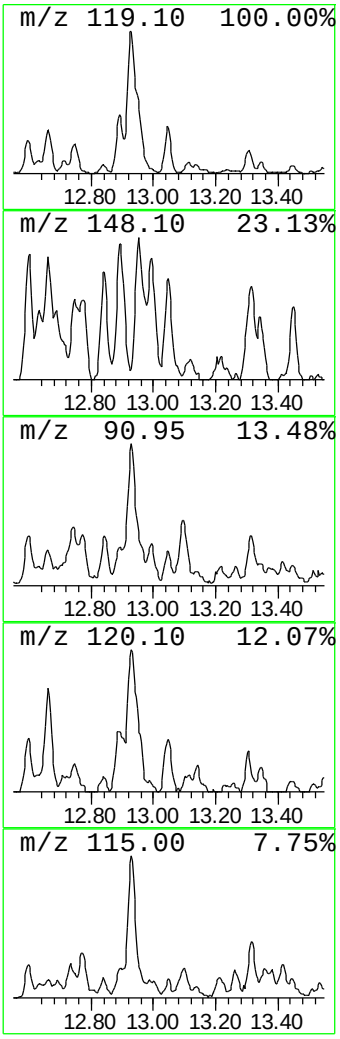
****

Peak Number 41 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.33 ug/L	45380	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

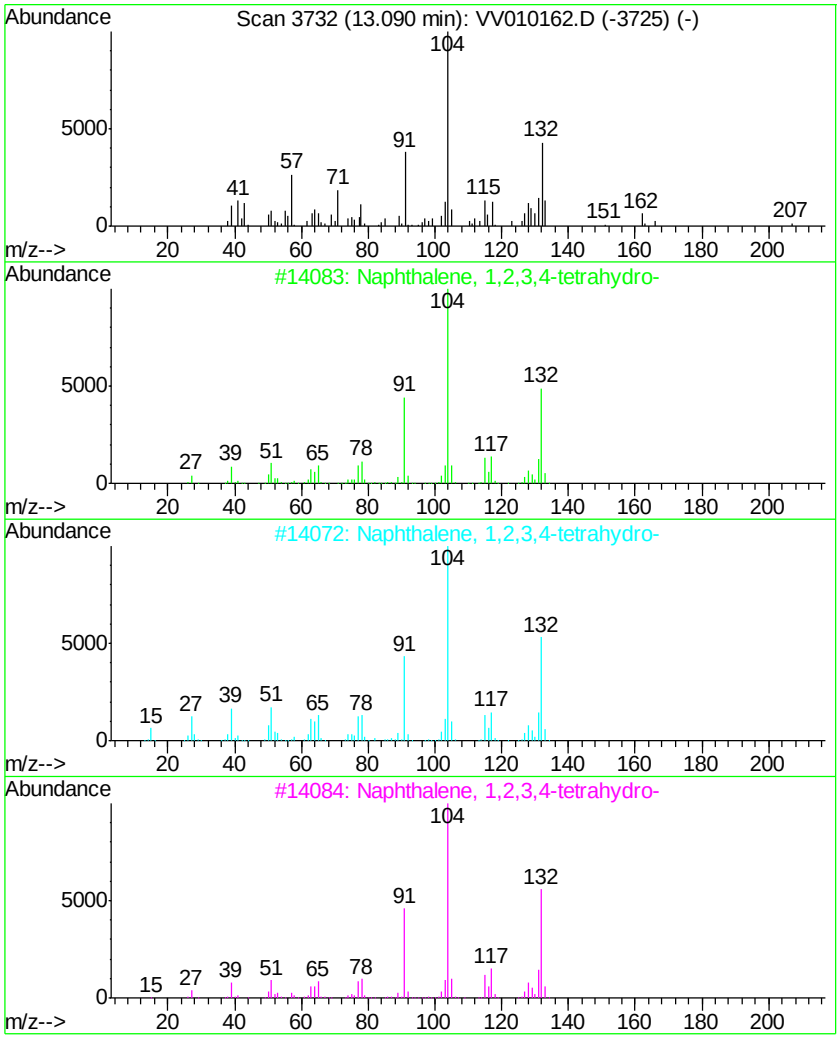
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

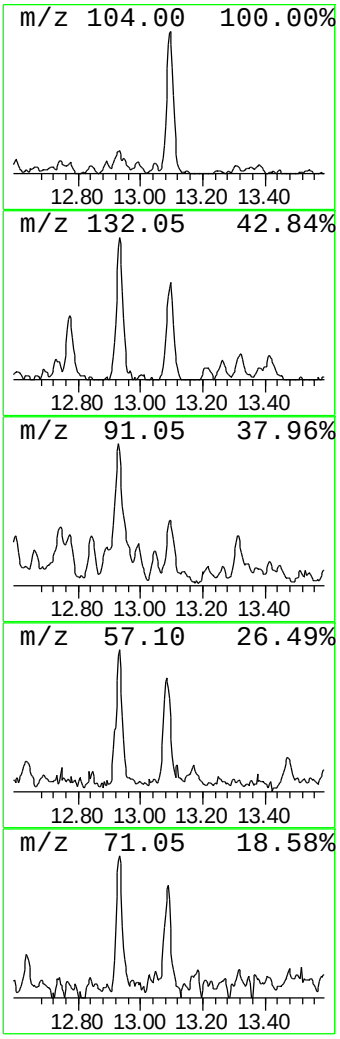
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.34 ug/L	86327	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

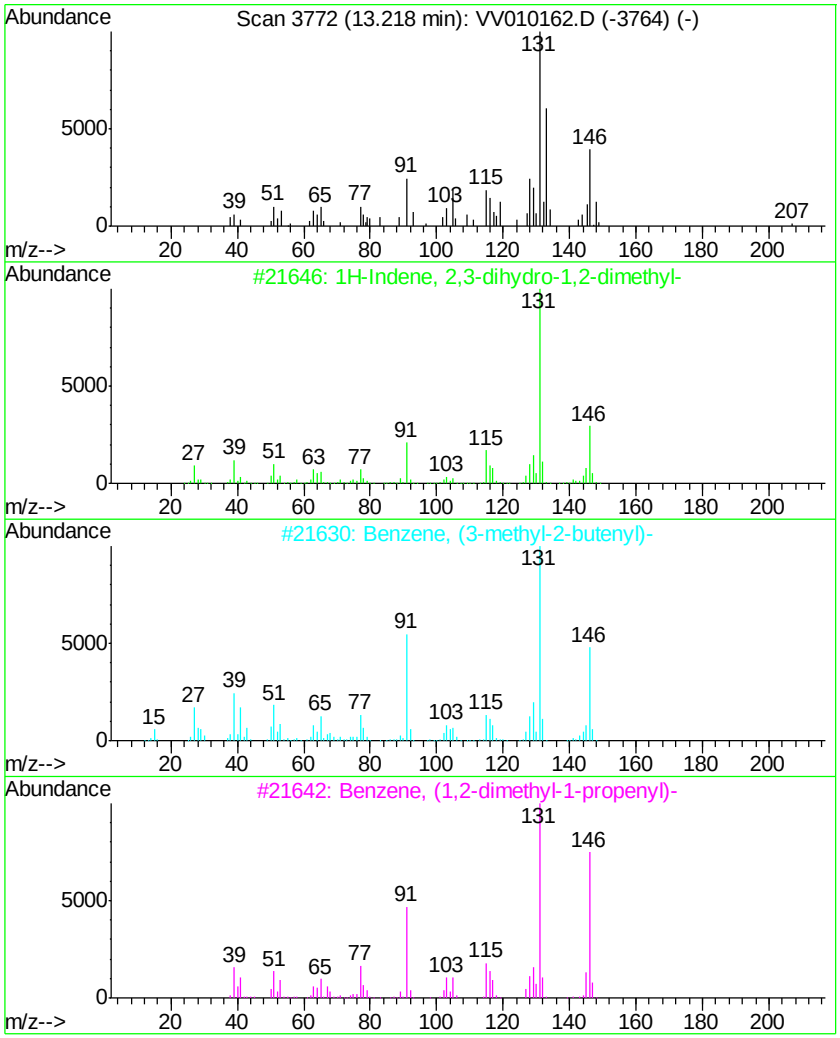
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

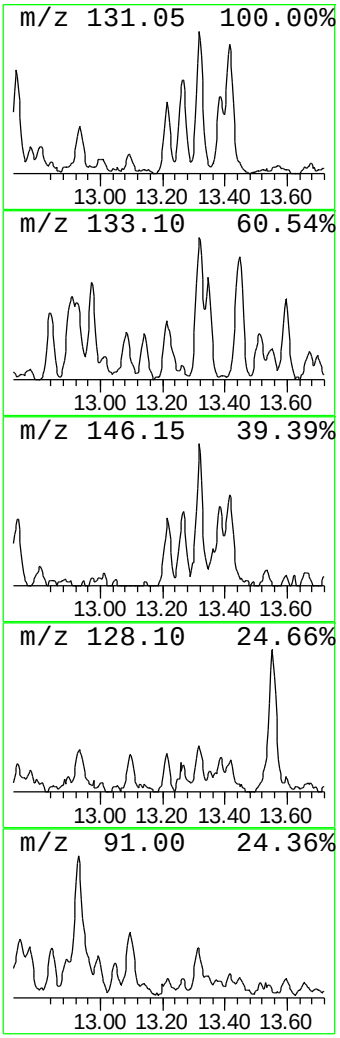
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.63 ug/L	35783	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	96
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	92
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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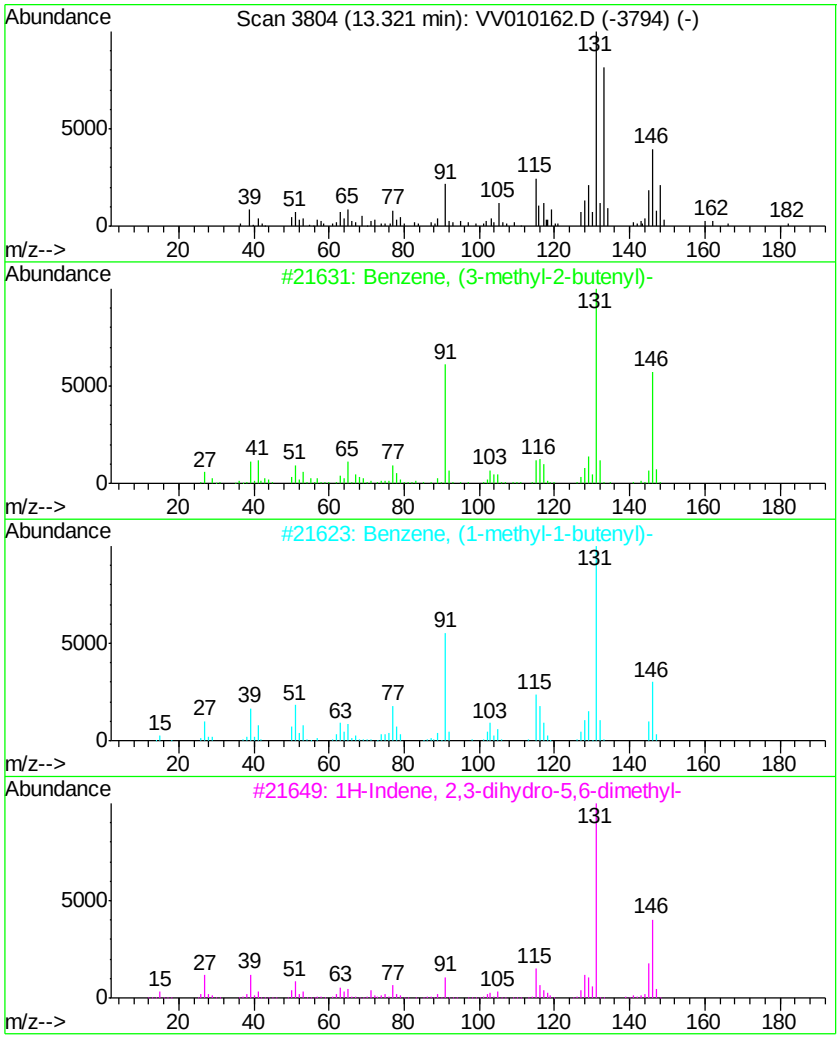
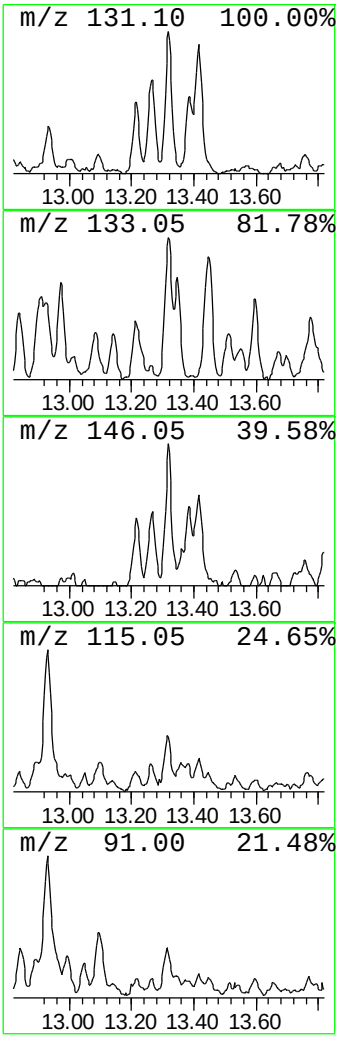
Peak Number 44 Benzene, (3-methyl-2-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	7.43 ug/L	101156	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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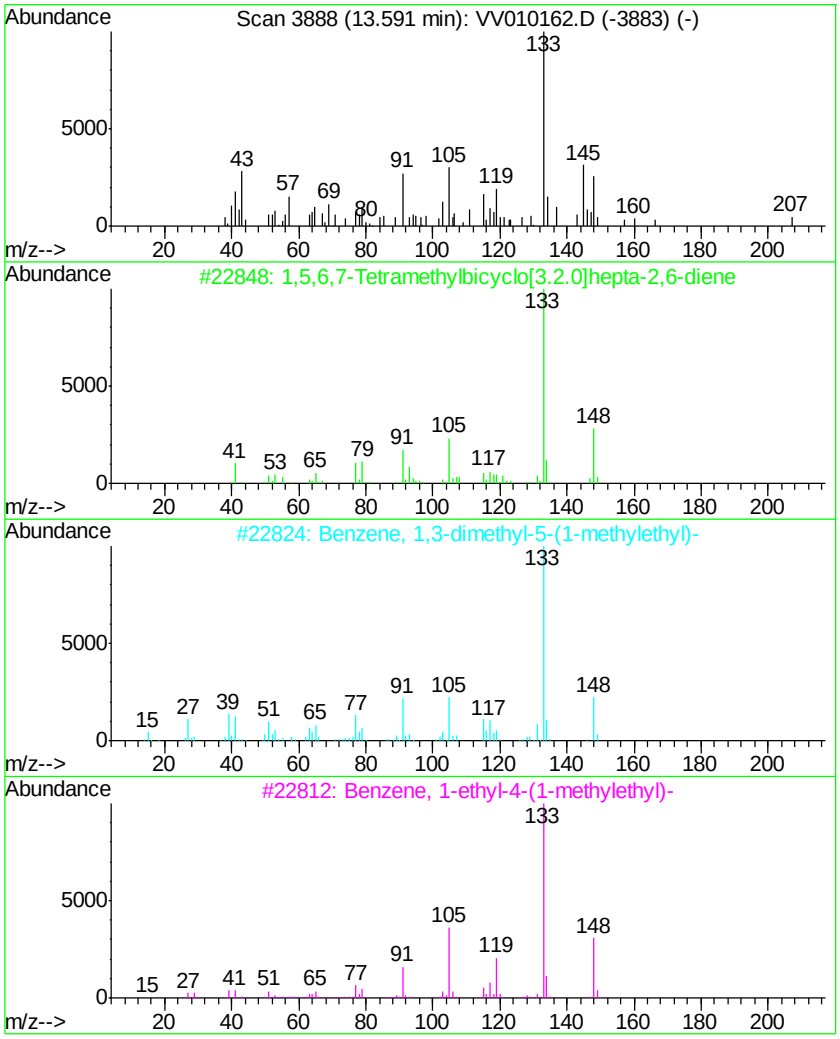
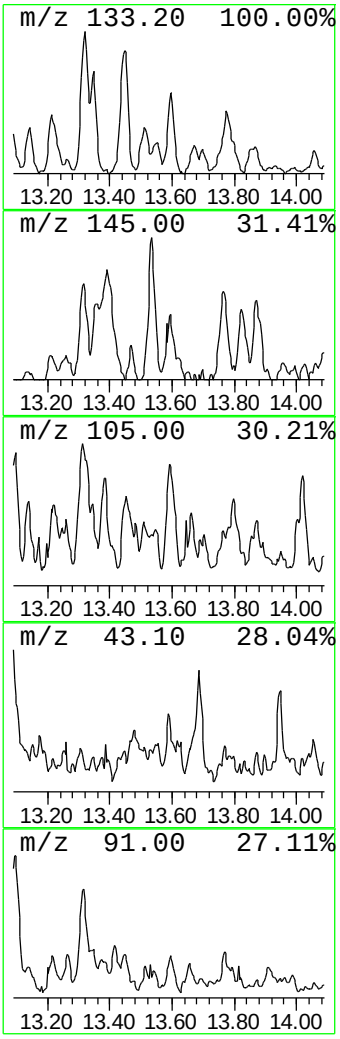
Peak Number 45 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.95 ug/L	40118	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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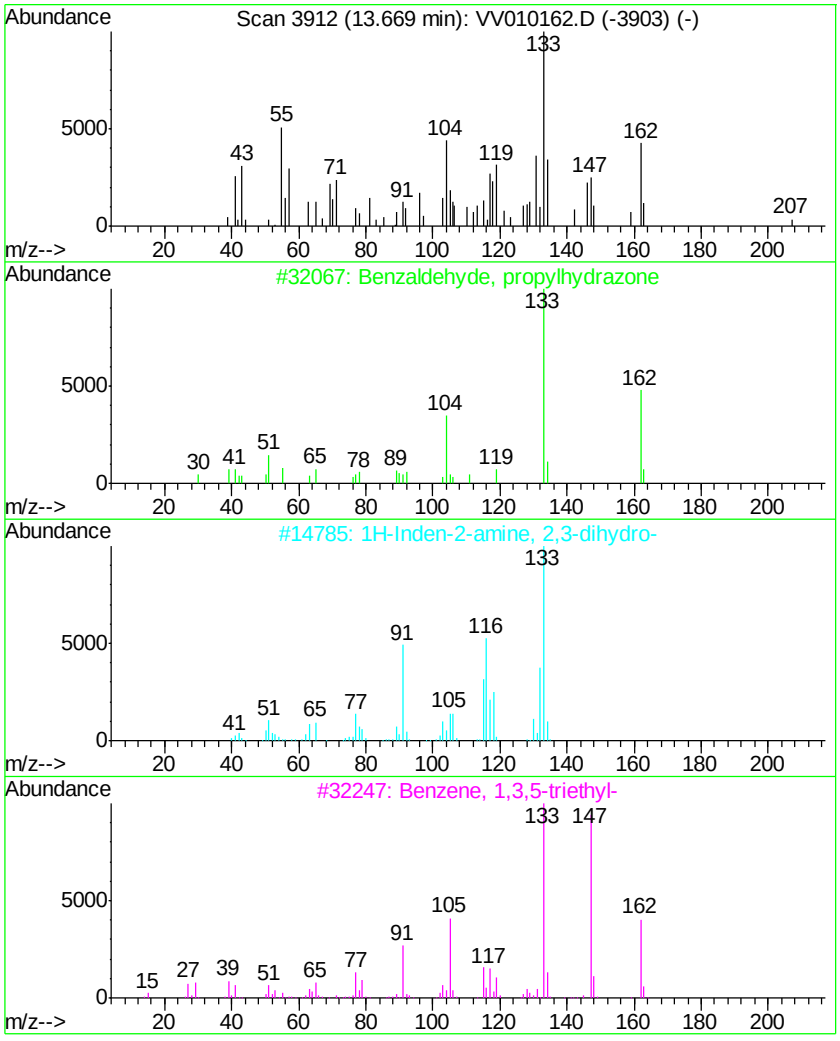
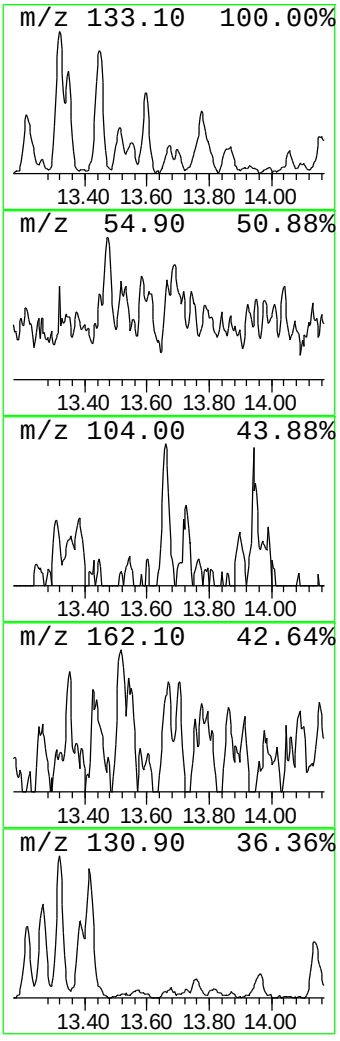
Peak Number 46 unknown-04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	1.54 ug/L	20933	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, propylhydrazone	162	C10H14N2	022162-27-2	43
2	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	38
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	32
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	30
5	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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

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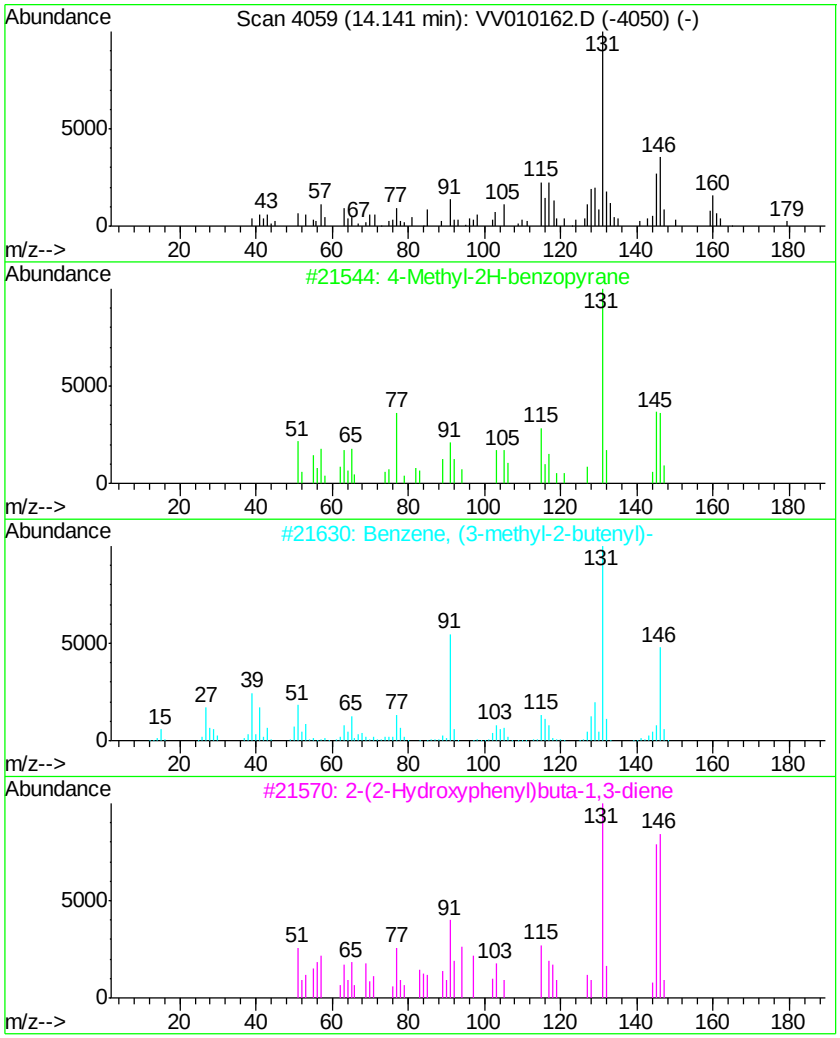
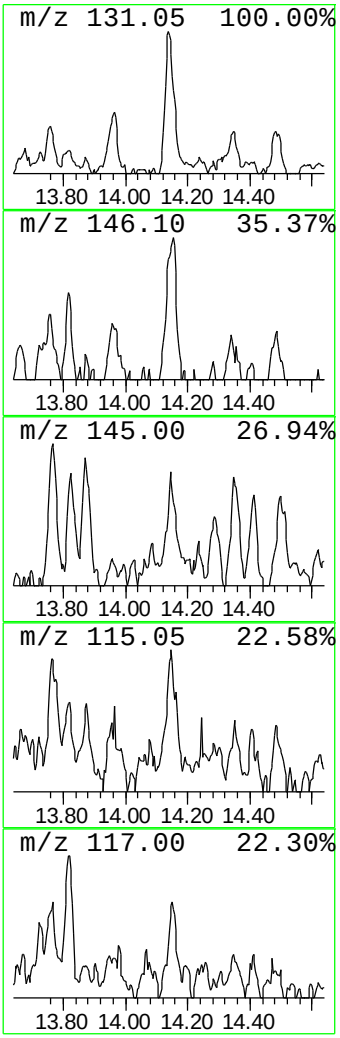
Peak Number 47 4-Methyl-2H-benzopyrane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.24 ug/L	57757	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	62
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
3	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	62
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	58
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040619\
Data File : VV010162.D
Acq On : 06 Apr 2019 19:05
Operator : SY/MD
Sample : K2188-10RE
Misc : 5.37G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF654RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.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...	5.54	1.3	ug/L	26841	1	5.66	524189	25.0
(DEL) Alkane: Cyc...	7.31	3.4	ug/L	66658	2	8.90	483851	25.0
(DEL) Alkane: Str...	7.61	2.3	ug/L	43889	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	7.83	1.3	ug/L	25842	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	8.28	2.8	ug/L	54015	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	8.33	4.8	ug/L	92679	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	8.40	5.3	ug/L	101703	2	8.90	483851	25.0
(DEL) Alkane: Str...	8.61	1.3	ug/L	25714	2	8.90	483851	25.0
(DEL) Alkane: Str...	8.71	2.4	ug/L	46619	2	8.90	483851	25.0
(DEL) Alkane: Str...	8.83	2.6	ug/L	50780	2	8.90	483851	25.0
(DEL) Alkane: Str...	9.24	6.9	ug/L	132920	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	9.52	3.1	ug/L	59708	2	8.90	483851	25.0
(DEL) Alkane: Cyc...	9.84	5.2	ug/L	100422	2	8.90	483851	25.0
Benzene, propyl-	10.40	15.7	ug/L	213212	3	11.30	340538	25.0
Benzene, 1-ethyl-...	10.49	55.6	ug/L	758033	3	11.30	340538	25.0
Mesitylene	10.59	24.1	ug/L	328134	3	11.30	340538	25.0
Benzene, 1-ethyl-...	10.78	27.0	ug/L	367722	3	11.30	340538	25.0
Benzene, 1,2,3-tr...	10.96	86.5	ug/L	1178460	3	11.30	340538	25.0
Benzene, (2-methy...	11.10	1.9	ug/L	25847	3	11.30	340538	25.0
Benzeneacetaldehy...	11.13	6.8	ug/L	91906	3	11.30	340538	25.0
(DEL) Alkane: Cyc...	11.20	3.0	ug/L	41395	3	11.30	340538	25.0
p-Cymene	11.24	9.2	ug/L	125927	3	11.30	340538	25.0
unknown-01	11.50	2.8	ug/L	38211	3	11.30	340538	25.0
Benzene, 1,2-diet...	11.59	9.8	ug/L	134032	3	11.30	340538	25.0
Benzene, 1-methyl...	11.62	17.0	ug/L	231229	3	11.30	340538	25.0
Benzene, 2-ethyl-...	11.96	10.9	ug/L	148510	3	11.30	340538	25.0
Benzene, 1-ethyl-...	12.06	14.0	ug/L	190097	3	11.30	340538	25.0
(E)-1-Phenyl-1-bu...	12.16	8.2	ug/L	111656	3	11.30	340538	25.0
Benzene, 4-ethyl-...	12.36	8.9	ug/L	121372	3	11.30	340538	25.0
unknown-02	12.42	3.8	ug/L	51302	3	11.30	340538	25.0
Benzene, 1,2,4,5-...	12.51	19.6	ug/L	266603	3	11.30	340538	25.0
Benzene, 1,3-diet...	12.60	6.0	ug/L	82152	3	11.30	340538	25.0
unknown-03	12.84	3.5	ug/L	47744	3	11.30	340538	25.0
o-Cymene	12.93	23.5	ug/L	320672	3	11.30	340538	25.0
Benzene, 1-methyl...	13.05	3.3	ug/L	45380	3	11.30	340538	25.0
Naphthalene, 1,2,...	13.09	6.3	ug/L	86327	3	11.30	340538	25.0
1H-Indene, 2,3-di...	13.22	2.6	ug/L	35783	3	11.30	340538	25.0
Benzene, (3-methy...	13.32	7.4	ug/L	101156	3	11.30	340538	25.0
1,5,6,7-Tetrameth...	13.59	3.0	ug/L	40118	3	11.30	340538	25.0
unknown-04	13.67	1.5	ug/L	20933	3	11.30	340538	25.0
4-Methyl-2H-benzo...	14.14	4.2	ug/L	57757	3	11.30	340538	25.0