LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

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\SOM2VLM052819S.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	1.203	30	35	46	rBV4	26567	40709	1.53%	0.226%
2	1.309	61	68	77	rVB	300140	274770	10.30%	1.529%
3	1.383	85	91	100	rVB	154724	163243	6.12%	0.908%
4	1.553	138	144	154	rVB	205565	239233	8.97%	1.331%
5	1.804	217	222	230	rVB	44781	54760	2.05%	0.305%
6	2.110	307	317	331	rBV2	717191	1114294	41.78%	6.199%
7	2.183	333	340	351	rVB	136387	197695	7.41%	1.100%
8	2.450	415	423	438	rVB	156663	245134	9.19%	1.364%
9	2.521	439	445	458	rVB	20494	34351	1.29%	0.191%
10	2.904	561	564	568	rBV5	1791	1160	0.04%	0.006%
11	2.984	576	589	599	rBV4	9492	20066	0.75%	0.112%
12	3.058	605	612	623	rVB7	6815	10733	0.40%	0.060%
13	3.200	646	656	662	rBV5	8354	14631	0.55%	0.081%
14	3.740	808	824	842	rBV	37279	93869	3.52%	0.522%
15	3.926	871	882	904	rBV	98362	248792	9.33%	1.384%
16	4.389	1005	1026	1050	rBV	331202	804153	30.15%	4.474%
17	4.679	1112	1116	1118	rBV5	1781	1423	0.05%	0.008%
18	5.084	1222	1242	1272	rBV2	823107	2029141	76.09%	11.289%
19	5.367	1317	1330	1353	rVV2	26627	65432	2.45%	0.364%
20	5.534	1369	1382	1384	rBV9	7206	12067	0.45%	0.067%
21	5.656	1407	1420	1449	rBV	519218	1021712	38.31%	5.684%
22	5.814	1466	1469	1472	rBV4	1322	1113	0.04%	0.006%
23	5.868	1483	1486	1489	rVB5	2144	1340	0.05%	0.007%
24	5.952	1501	1512	1527	rVV2	22935	46721	1.75%	0.260%
25	6.109	1548	1561	1591	rVB	470086	943274	35.37%	5.248%
26	6.325	1616	1628	1646	rBV	206627	399720	14.99%	2.224%
27	6.656	1721	1731	1736	rBV	2602	4746	0.18%	0.026%
28	6.701	1739	1745	1755	rVB4	5979	9749	0.37%	0.054%
29	6.814	1775	1780	1782	rBV5	1928	1760	0.07%	0.010%
30	7.023	1831	1845	1863	rVV	271024	475306	17.82%	2.644%
31	7.177	1887	1893	1896	rBV7	2751	3269	0.12%	0.018%
32	7.354	1931	1948	1965	rBV	889672	1572394	58.96%	8.748%
33	7.579	2014	2018	2020	rBV5	2293	1769	0.07%	0.010%
34	7.604	2020	2026	2033	rVV9	5378	7327	0.27%	0.041%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

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\SOM2VLM052819S.M
Title : VOC Analysis

35	7.659	2033	2043	2057	rVV	177212	289868	10.87%	1.613%
36	7.730	2057	2065	2079	rVB6	15971	39854	1.49%	0.222%
37	7.974	2129	2141	2156	rBV4	12648	26900	1.01%	0.150%
38	8.090	2173	2177	2179	rBV6	1720	1412	0.05%	0.008%
39	8.129	2179	2189	2220	rVV	354829	645470	24.20%	3.591%
40	8.280	2224	2236	2264	rBV	1649810	2666737	100.00%	14.836%
41	8.540	2312	2317	2321	rVB7	2288	2480	0.09%	0.014%
42	8.749	2373	2382	2385	rBV7	1981	2502	0.09%	0.014%
43	8.894	2409	2427	2448	rVV	696671	1151457	43.18%	6.406%
44	9.055	2475	2477	2483	rVB5	2818	2481	0.09%	0.014%
45	9.106	2489	2493	2498	rBV7	1510	1351	0.05%	0.008%
46	9.180	2509	2516	2520	rBV6	4729	6905	0.26%	0.038%
47	9.247	2529	2537	2561	rVB2	17532	58957	2.21%	0.328%
48	9.354	2563	2570	2579	rBV6	12386	17367	0.65%	0.097%
49	9.524	2615	2623	2637	rBV3	16057	37701	1.41%	0.210%
50	9.746	2685	2692	2707	rVB2	9496	16629	0.62%	0.093%
51	9.849	2713	2724	2739	rBV	72592	120397	4.51%	0.670%
52	9.993	2757	2769	2778	rVB3	10347	18768	0.70%	0.104%
53	10.122	2807	2809	2817	rVB9	1462	1835	0.07%	0.010%
54	10.202	2831	2834	2838	rBV5	1610	1340	0.05%	0.007%
55	10.260	2840	2852	2867	rVV	359276	566730	21.25%	3.153%
56	10.421	2888	2902	2911	rBV3	13660	25214	0.95%	0.140%
57	10.563	2935	2946	2956	rVV5	16862	35232	1.32%	0.196%
58	10.624	2957	2965	2983	rVB	22584	37469	1.41%	0.208%
59	10.710	2989	2992	2995	rBV5	1490	1101	0.04%	0.006%
60	10.759	2999	3007	3015	rVV2	29887	45221	1.70%	0.252%
61	10.800	3016	3020	3034	rVB6	11933	21496	0.81%	0.120%
62	11.083	3101	3108	3119	rBV2	11779	19919	0.75%	0.111%
63	11.193	3133	3142	3159	rBV2	65507	112560	4.22%	0.626%
64	11.292	3162	3173	3192	rVB	444231	706430	26.49%	3.930%
65	11.437	3216	3218	3223	rBV6	1010	1045	0.04%	0.006%
66	11.508	3235	3240	3246	rBV7	2780	3317	0.12%	0.018%
67	11.575	3253	3261	3275	rBV2	13475	26455	0.99%	0.147%
68	11.669	3278	3290	3303	rVV	451331	733142	27.49%	4.079%
69	11.726	3304	3308	3320	rVB2	19059	29258	1.10%	0.163%
70	11.820	3333	3337	3345	rBV9	4241	6254	0.23%	0.035%
71	12.051	3401	3409	3424	rVB2	30745	53231	2.00%	0.296%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
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Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

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\SOM2VLM052819S.M
Title : VOC Analysis

72	12.292	3476	3484	3495	rVB4	11181	19283	0.72%	0.107%
73	12.392	3506	3515	3533	rVB2	55470	85551	3.21%	0.476%
74	12.508	3547	3551	3552	rBV3	1546	1167	0.04%	0.006%
75	12.688	3602	3607	3608	rBV5	2290	2022	0.08%	0.011%
76	12.717	3608	3616	3623	rVV4	11890	18156	0.68%	0.101%
77	12.784	3626	3637	3649	rBV4	11392	19943	0.75%	0.111%
78	12.932	3677	3683	3690	rVB4	3376	4986	0.19%	0.028%
79	13.000	3697	3704	3711	rBV9	4048	4415	0.17%	0.025%
80	13.042	3711	3717	3726	rVB9	3248	4815	0.18%	0.027%
81	13.186	3755	3762	3770	rVV9	7657	13038	0.49%	0.073%
82	13.308	3797	3800	3808	rVB9	2543	2871	0.11%	0.016%
83	13.482	3844	3854	3860	rBV8	12668	20524	0.77%	0.114%
84	13.559	3871	3878	3887	rVB5	5304	9046	0.34%	0.050%
85	13.633	3893	3901	3909	rVB10	3608	5770	0.22%	0.032%
86	13.694	3917	3920	3922	rVV4	2235	1705	0.06%	0.009%
87	13.707	3922	3924	3928	rVV4	2667	2519	0.09%	0.014%
88	13.733	3928	3932	3944	rVB4	5609	8799	0.33%	0.049%
89	13.797	3944	3952	3960	rBV4	3818	5978	0.22%	0.033%
90	14.051	4023	4031	4033	rVV8	1798	2233	0.08%	0.012%
91	14.093	4034	4044	4053	rVV	10480	19888	0.75%	0.111%
92	14.228	4079	4086	4097	rBV	8475	13820	0.52%	0.077%
93	14.386	4129	4135	4143	rVB	3808	6233	0.23%	0.035%
94	14.488	4164	4167	4172	rBV6	2424	2589	0.10%	0.014%
95	14.826	4268	4272	4279	rBV7	2022	2506	0.09%	0.014%
96	15.103	4354	4358	4362	rBV6	1718	1213	0.05%	0.007%
97	15.196	4382	4387	4388	rBV4	1925	1261	0.05%	0.007%
98	15.421	4454	4457	4461	rBV6	1117	1194	0.04%	0.007%
99	15.511	4482	4485	4488	rBV4	2242	1445	0.05%	0.008%
100	15.951	4620	4622	4625	rBV4	2257	1527	0.06%	0.008%

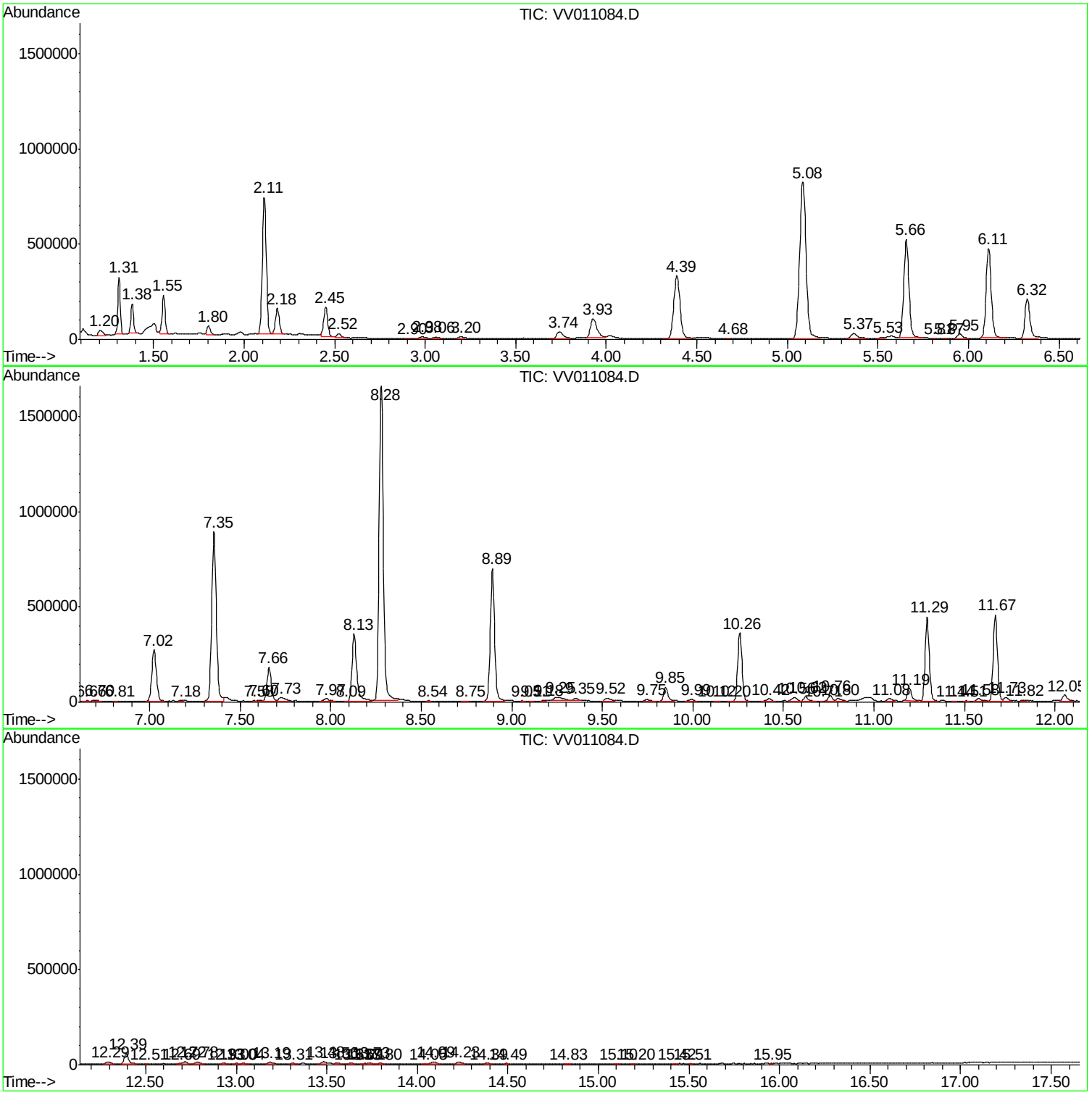
Sum of corrected areas: 17974838

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

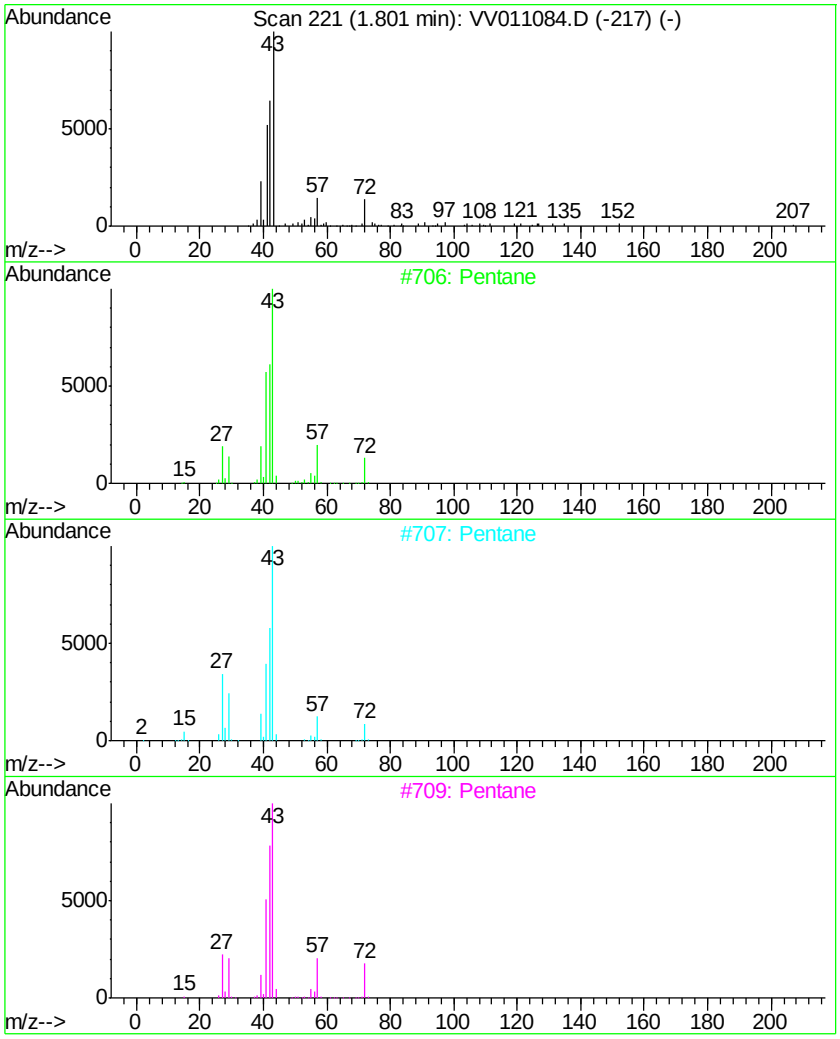
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

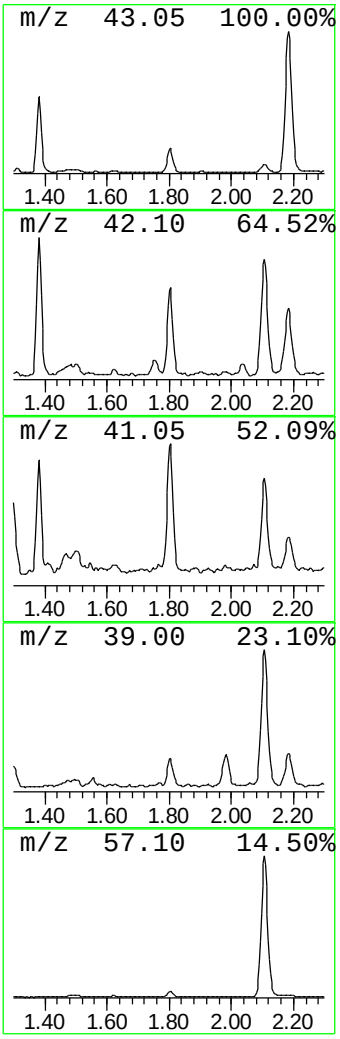
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	1.34 ug/L	54760	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	80
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

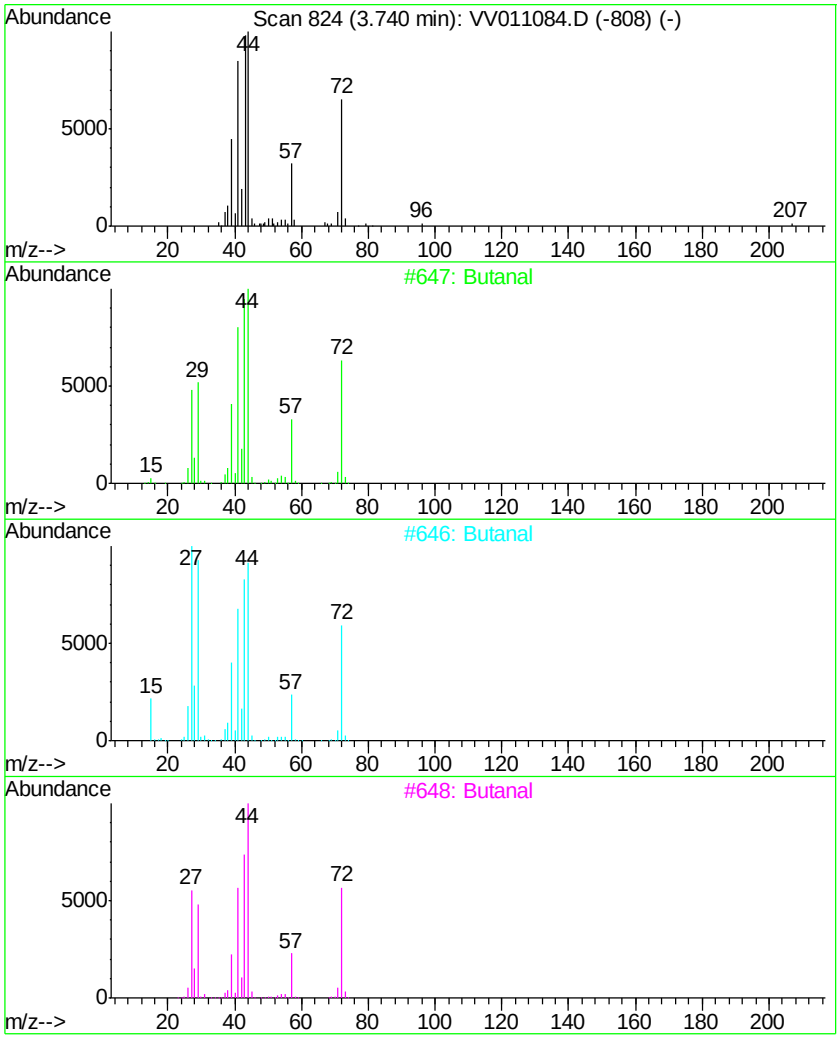
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

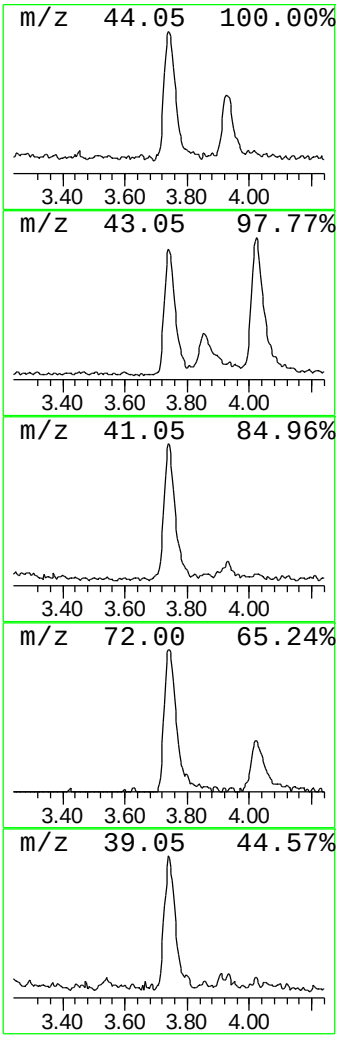
****

Peak Number 3 Butanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	2.30 ug/L	93869	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	93
2	Butanal	72	C4H8O	000123-72-8	90
3	Butanal	72	C4H8O	000123-72-8	52
4	Butanal	72	C4H8O	000123-72-8	52
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

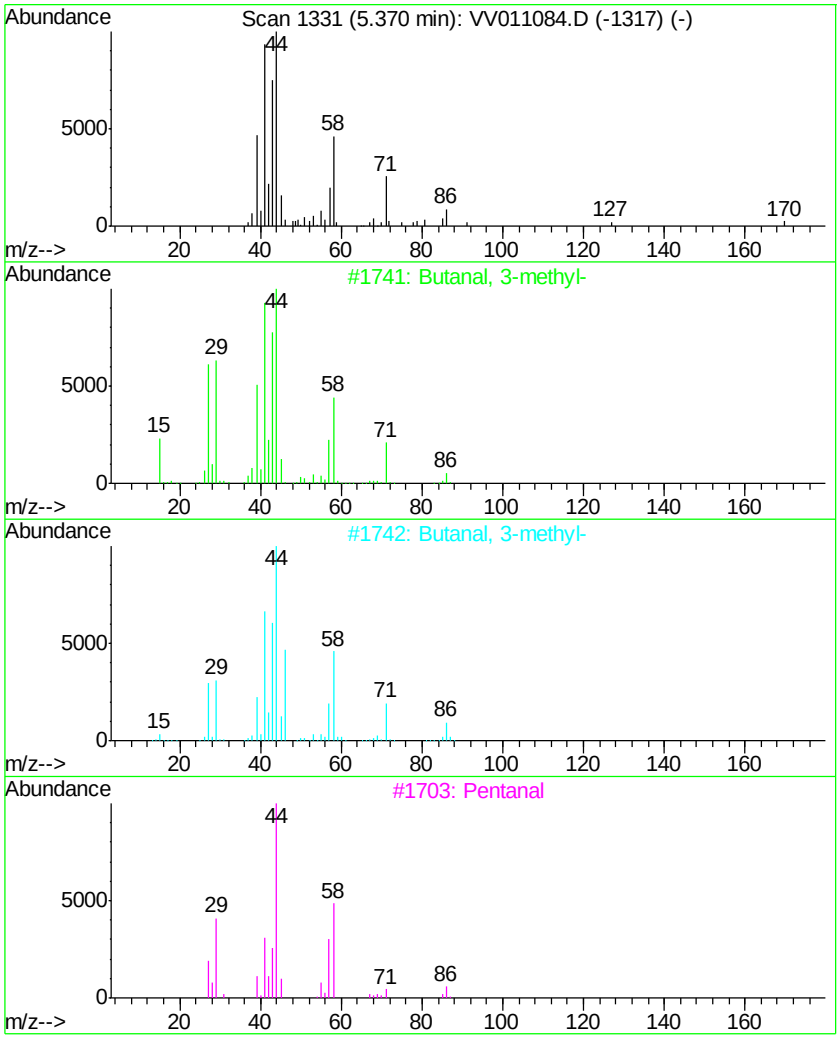
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

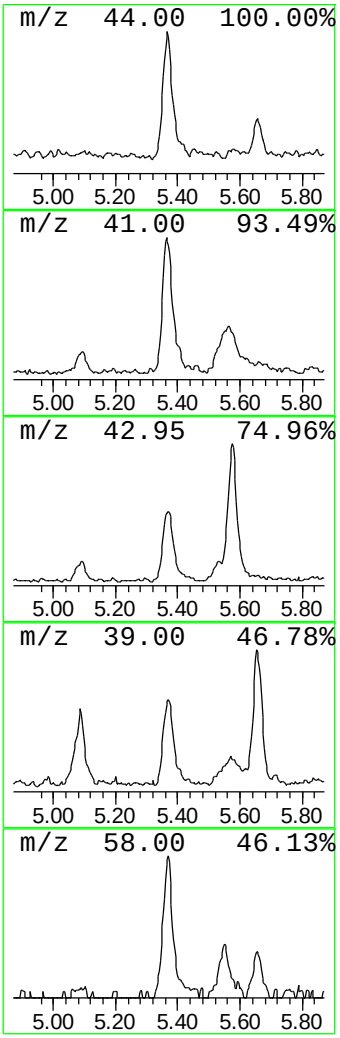
****

Peak Number 4 Butanal, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	1.60 ug/L	65432	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	93
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	62
3	Pentanal	86	C5H10O	000110-62-3	50
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
5	Guanidine, N,N,N',N'-tetramethyl-	115	C5H13N3	000080-70-6	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

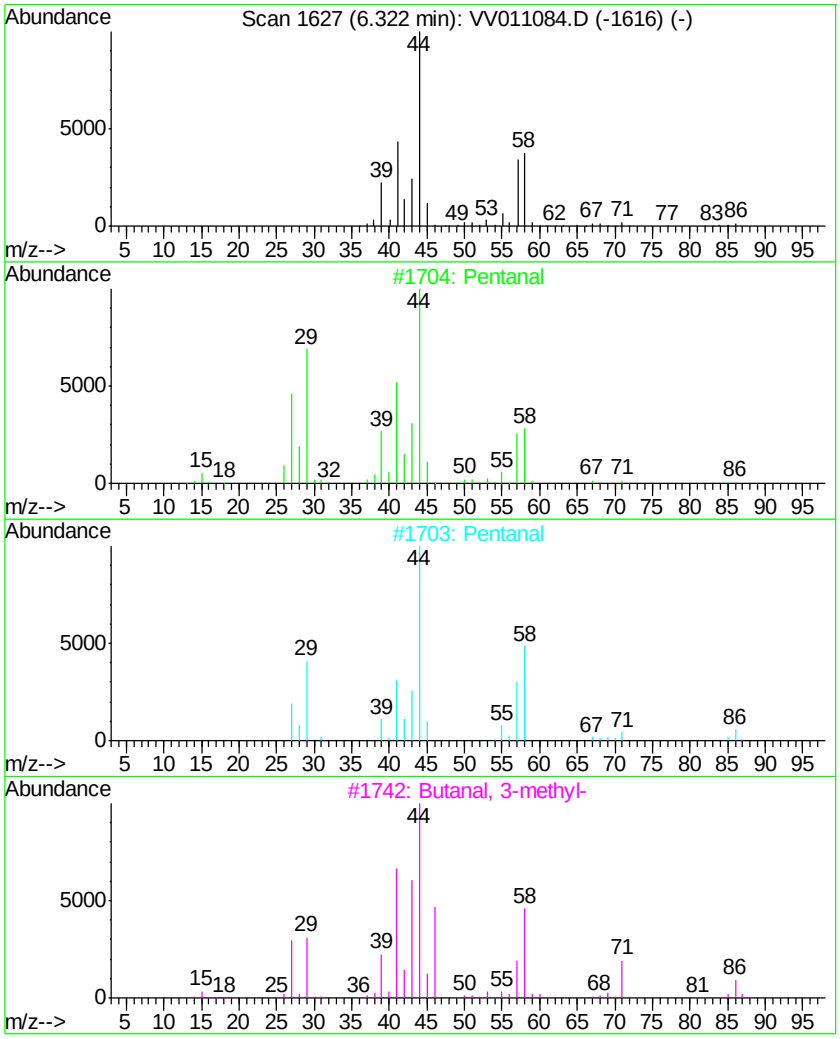
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

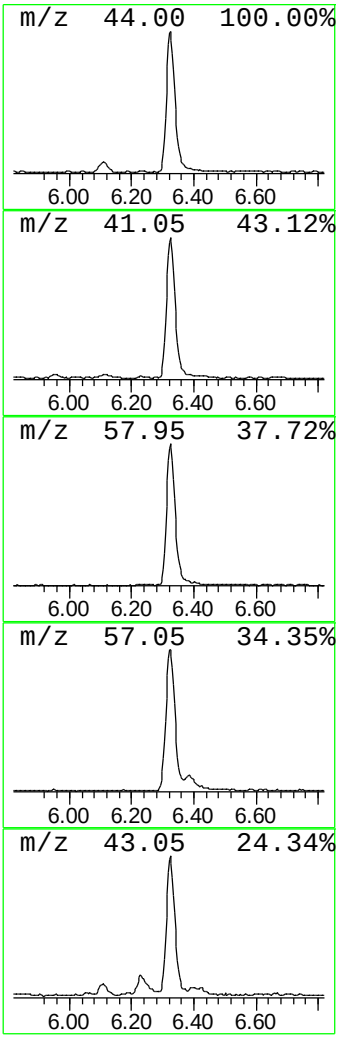
****

Peak Number 5 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	9.78 ug/L	399720	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Pentanal	86	C5H10O	000110-62-3	64
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
4	Pentanal	86	C5H10O	000110-62-3	58
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

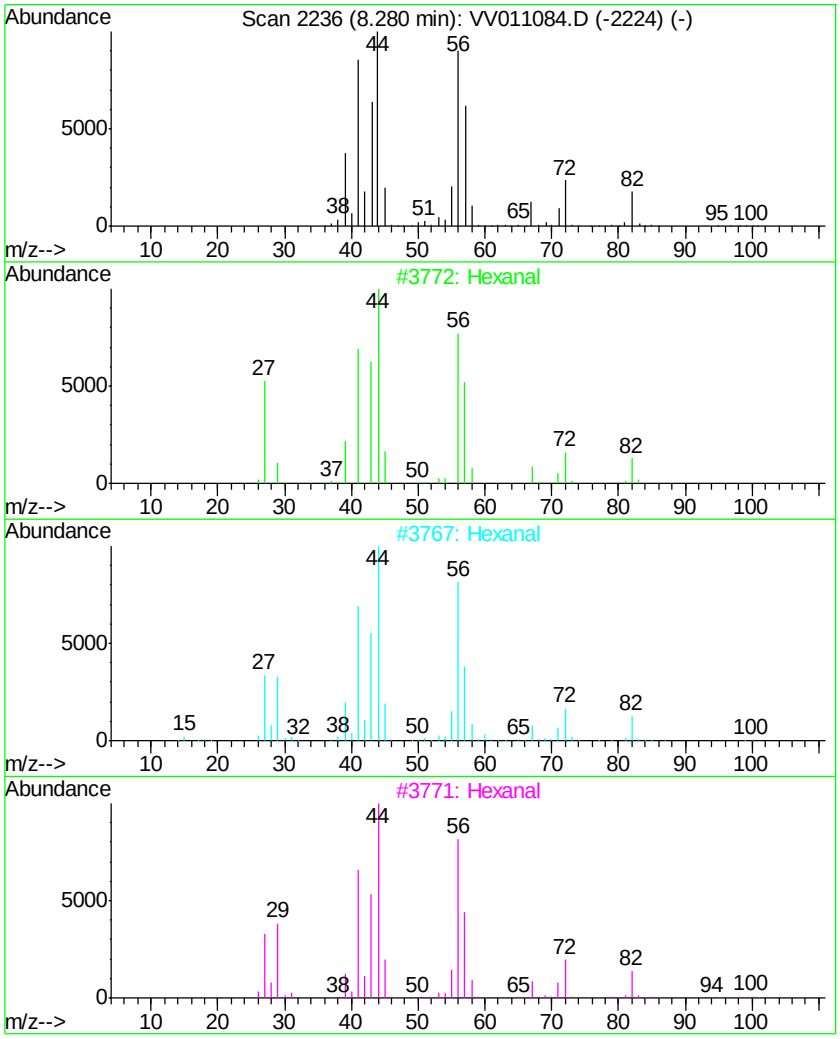
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

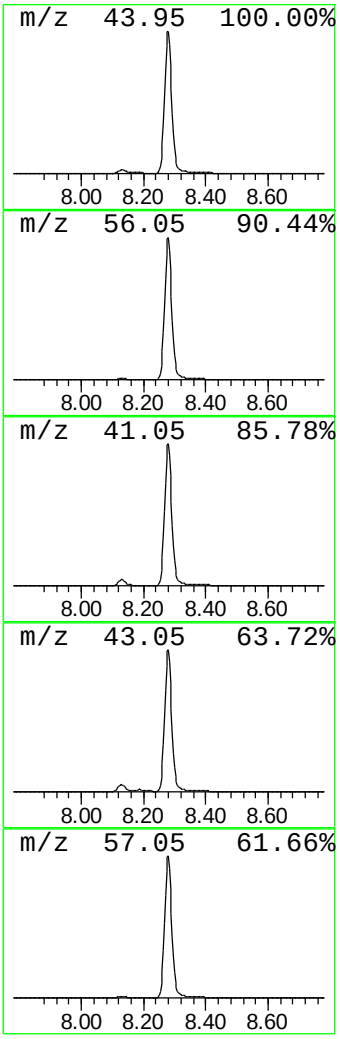
****

Peak Number 7 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	57.90 ug/L	2666740	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	90
5	Glutaraldehyde	100	C5H8O2	000111-30-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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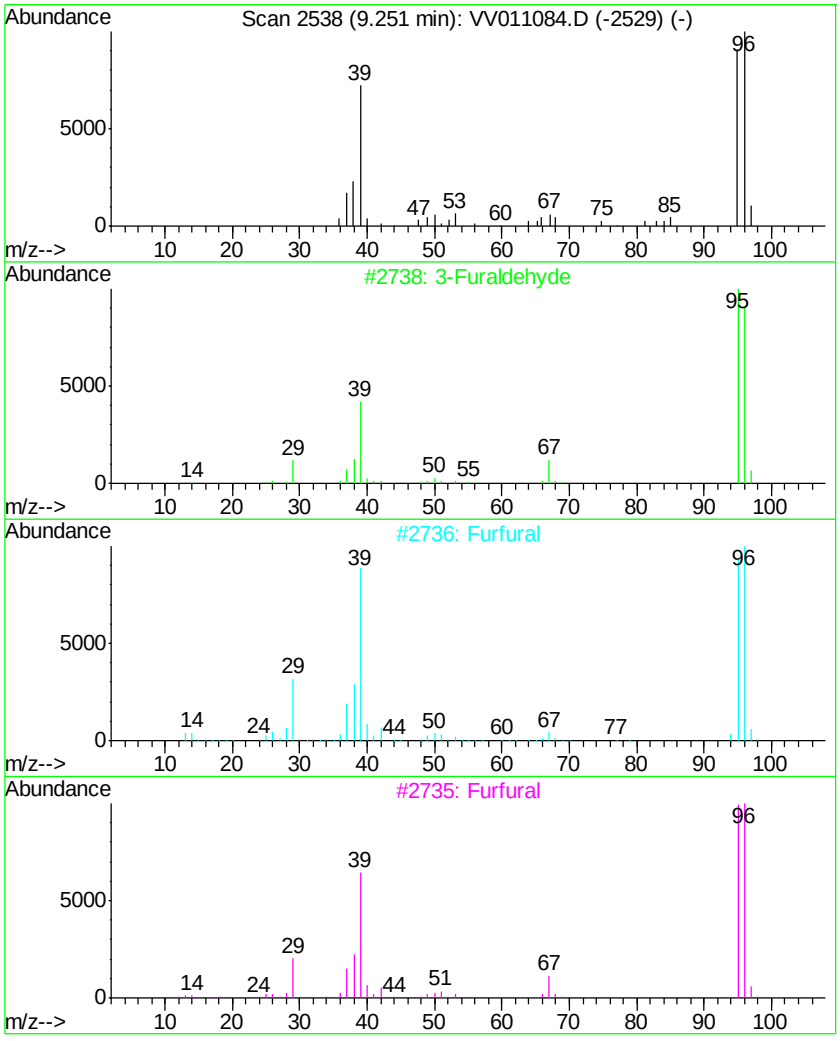
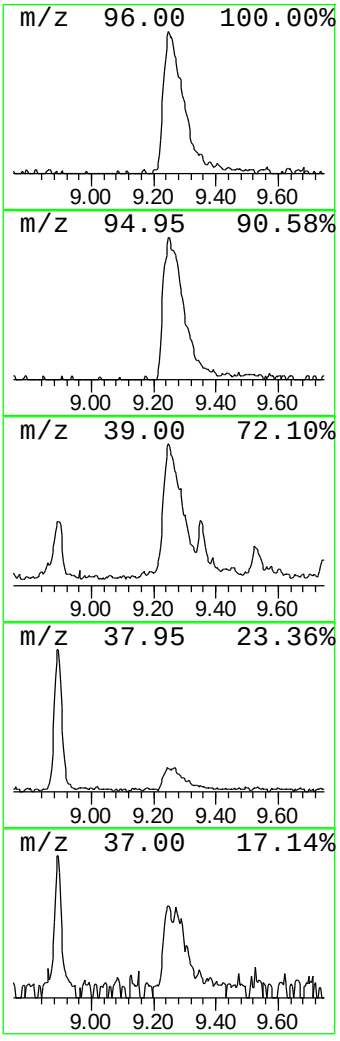
Peak Number 8 3-Furaldehyde Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	1.28 ug/L	58957	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Furaldehyde	96	C5H4O2	000498-60-2	91
2	Furfural	96	C5H4O2	000098-01-1	91
3	Furfural	96	C5H4O2	000098-01-1	90
4	1H-Imidazole, 1,4-dimethyl-	96	C5H8N2	006338-45-0	86
5	Furfural	96	C5H4O2	000098-01-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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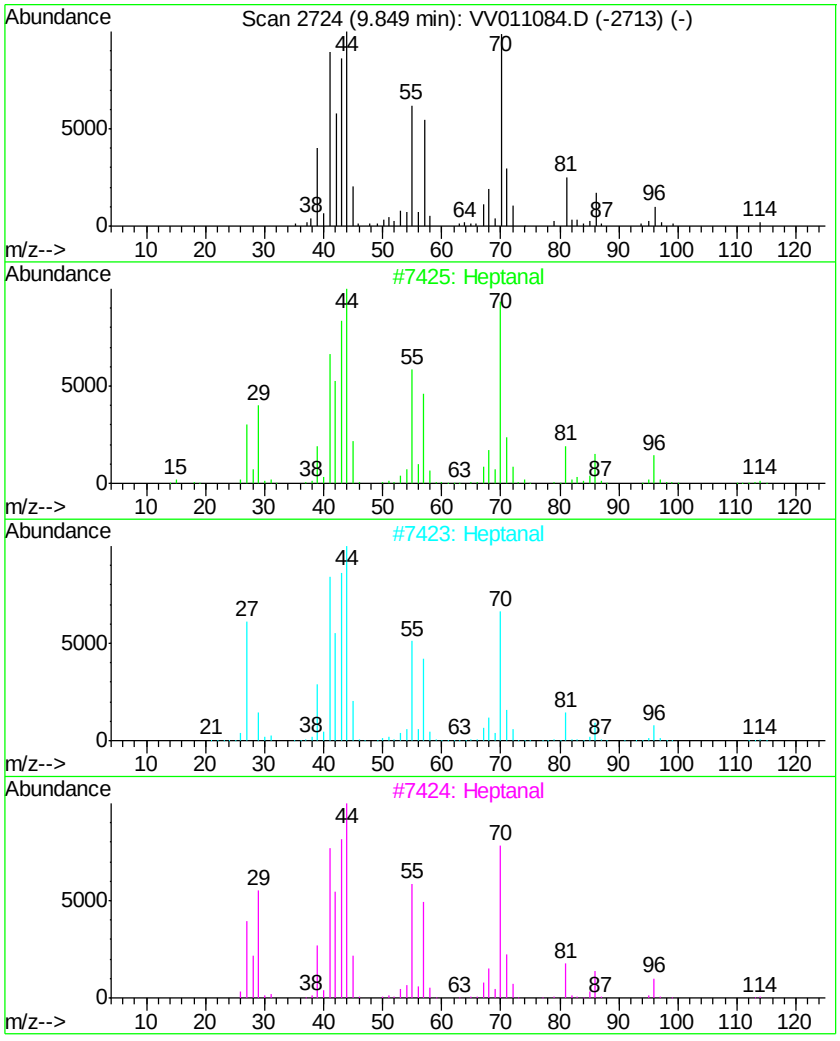
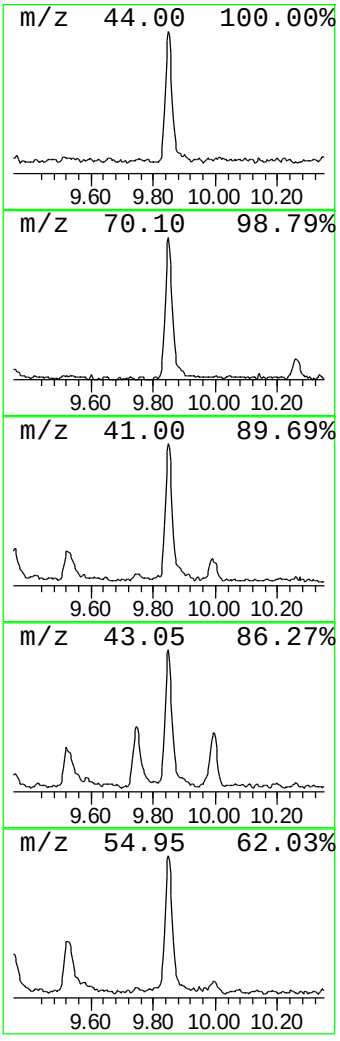
Peak Number 9 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.61 ug/L	120397	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	53
5	Heptanal	114	C7H14O	000111-71-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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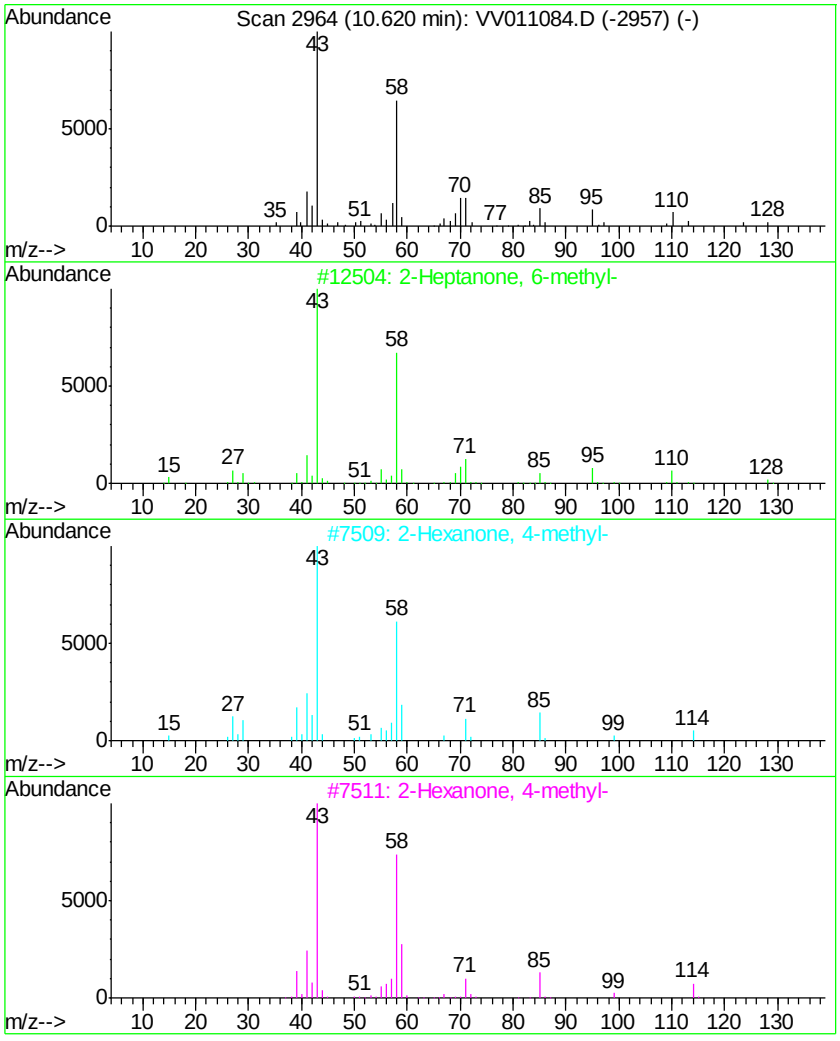
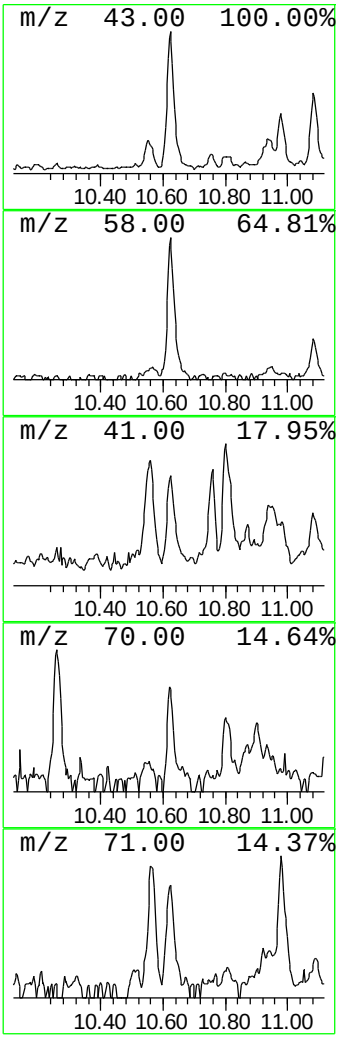
Peak Number 10 2-Heptanone, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	1.33 ug/L	37469	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	52





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Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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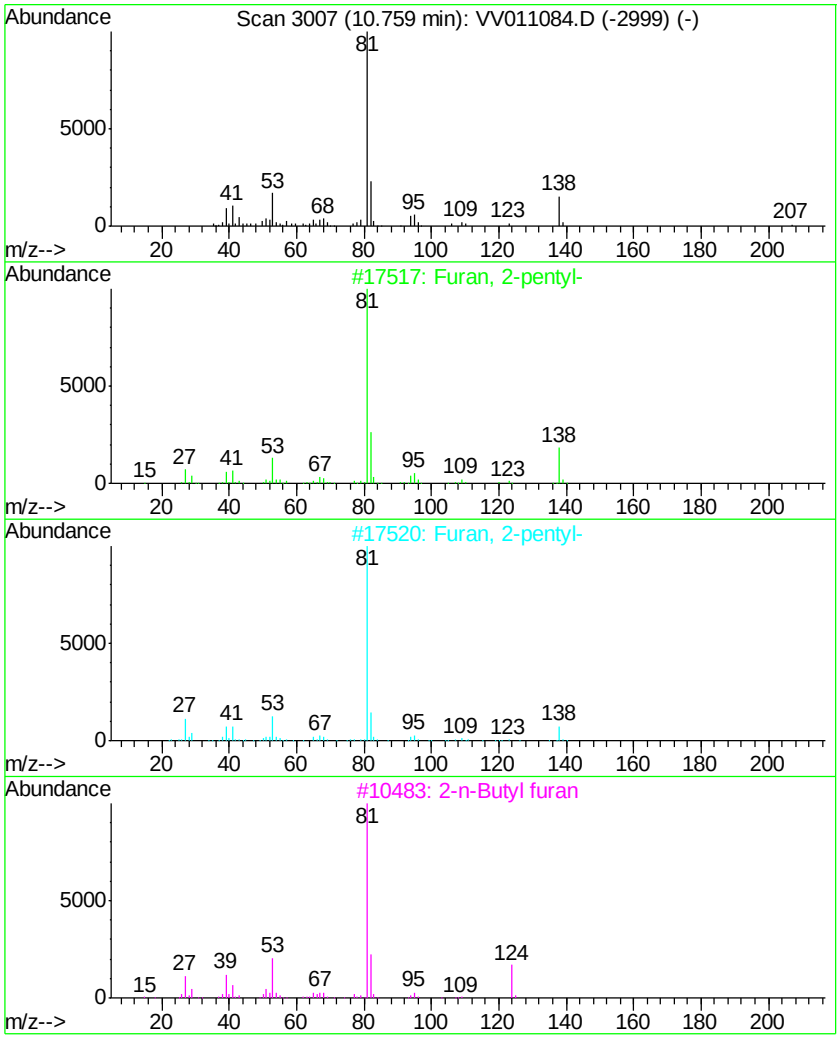
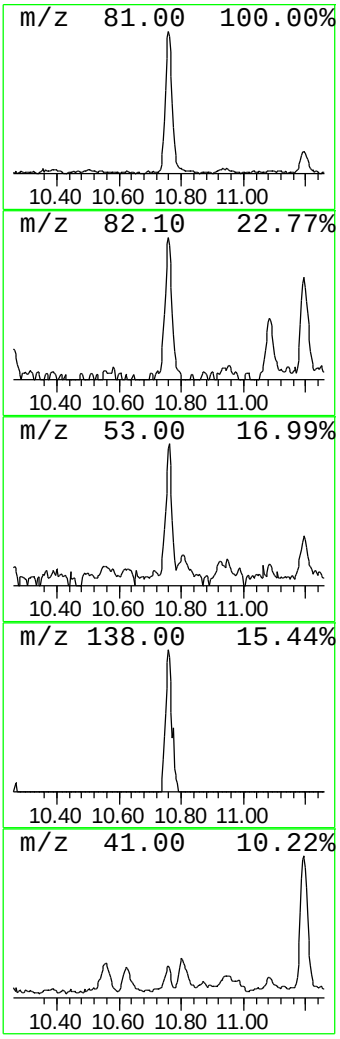
Peak Number 11 Furan, 2-pentyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.60 ug/L	45221	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
2	Furan, 2-pentyl-	138	C9H14O	003777-69-3	74
3	2-n-Butyl furan	124	C8H12O	004466-24-4	50
4	Furan, 2-propyl-	110	C7H10O	004229-91-8	50
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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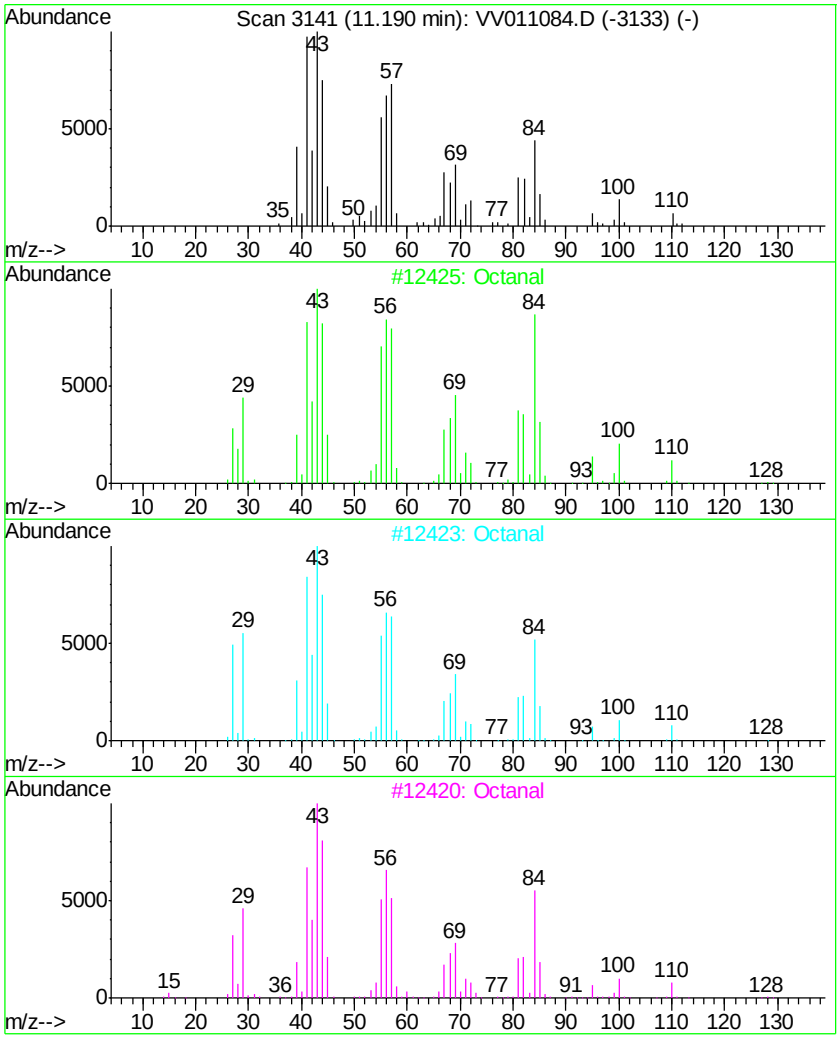
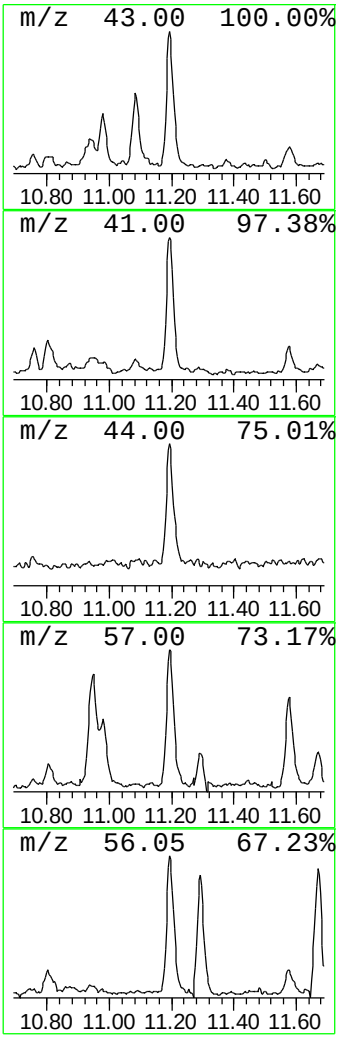
Peak Number 12 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	3.98 ug/L	112560	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	87
3	Octanal	128	C8H16O	000124-13-0	87
4	Octanal	128	C8H16O	000124-13-0	83
5	Octanal	128	C8H16O	000124-13-0	72





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Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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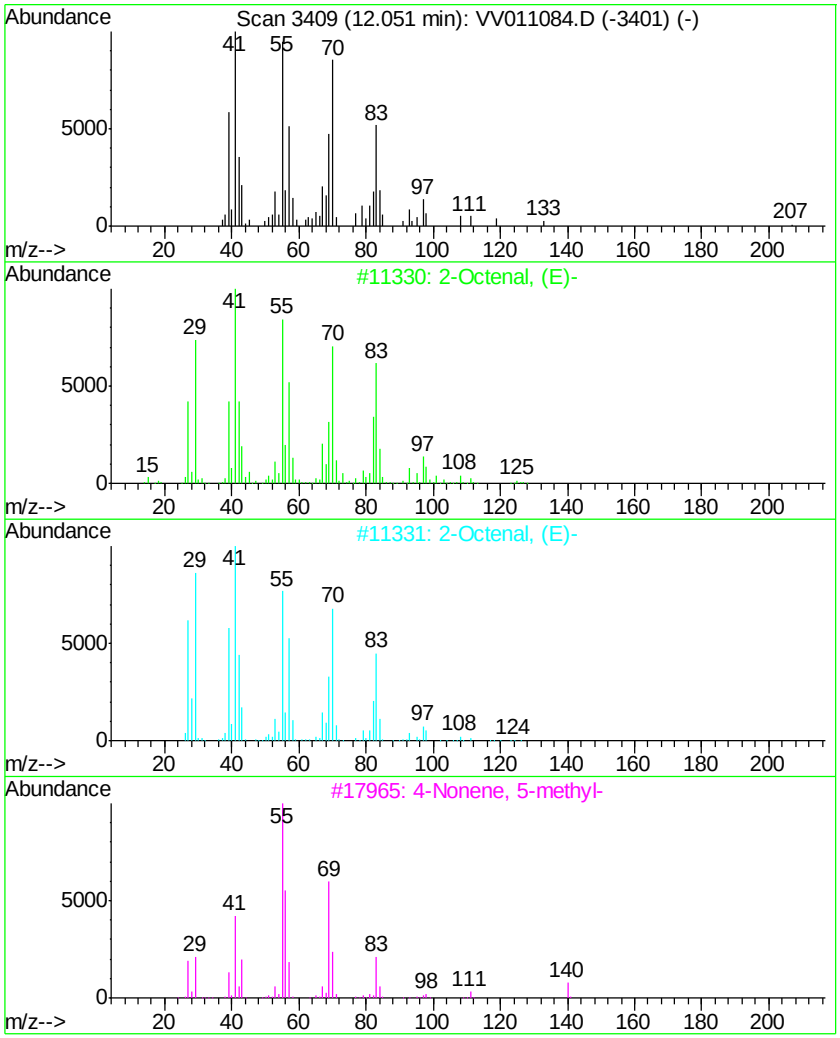
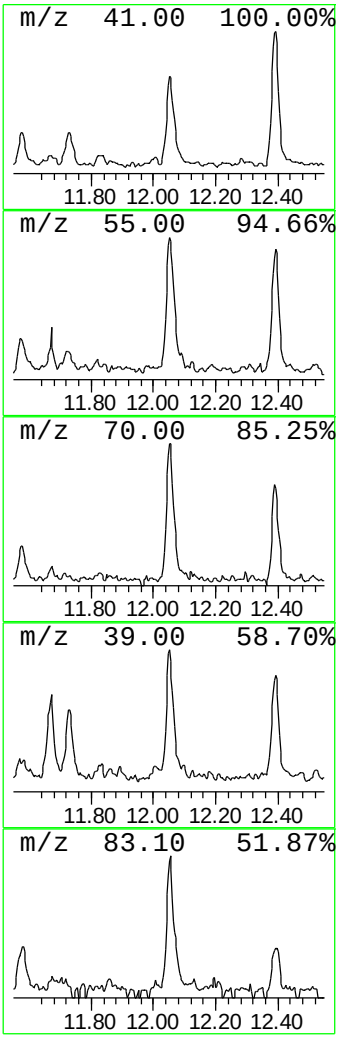
Peak Number 13 2-Octenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.88 ug/L	53231	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	64
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	59
3	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	50
4	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	46
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	43





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Operator : SY/MD
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Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

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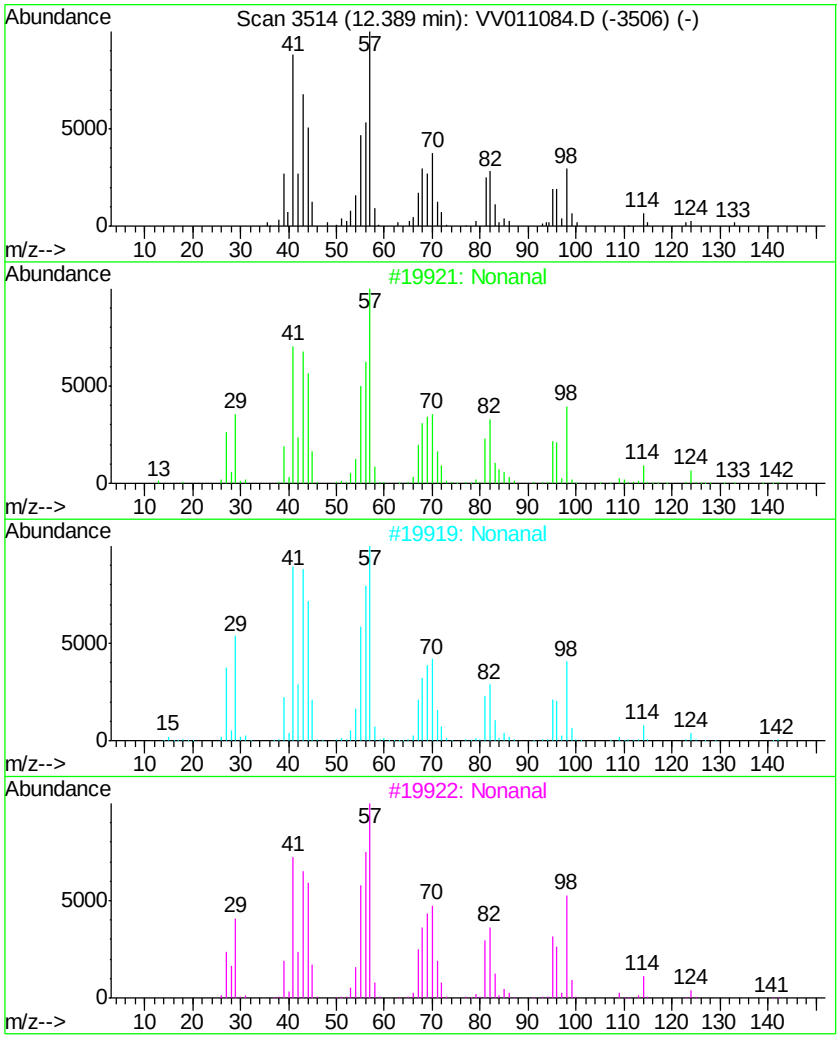
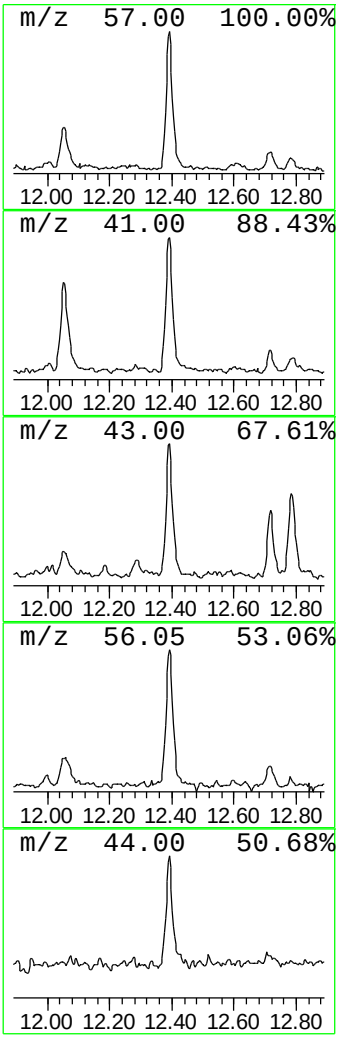
Peak Number 14 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.03 ug/L	85551	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	80
4	Nonanal	142	C9H18O	000124-19-6	80
5	Cycloheptane	98	C7H14	000291-64-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011084.D
Acq On : 29 May 2019 02:39
Operator : SY/MD
Sample : K3016-13RE
Misc : 3.82G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.80	1.3	ug/L	54760	1	5.66	1021710	25.0
Butanal	3.74	2.3	ug/L	93869	1	5.66	1021710	25.0
Butanal, 3-methyl-	5.37	1.6	ug/L	65432	1	5.66	1021710	25.0
Pentanal	6.32	9.8	ug/L	399720	1	5.66	1021710	25.0
Hexanal	8.28	57.9	ug/L	2666740	2	8.89	1151460	25.0
3-Furaldehyde	9.25	1.3	ug/L	58957	2	8.89	1151460	25.0
Heptanal	9.85	2.6	ug/L	120397	2	8.89	1151460	25.0
2-Heptanone, 6-me...	10.62	1.3	ug/L	37469	3	11.29	706430	25.0
Furan, 2-pentyl-	10.76	1.6	ug/L	45221	3	11.29	706430	25.0
Octanal	11.19	4.0	ug/L	112560	3	11.29	706430	25.0
2-Octenal, (E)-	12.05	1.9	ug/L	53231	3	11.29	706430	25.0
Nonanal	12.39	3.0	ug/L	85551	3	11.29	706430	25.0