

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011144.D
 Acq On : 30 May 2019 19:08
 Operator : SY/MD
 Sample : K3017-23
 Misc : 5.62G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51H8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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	1.113	4	7	20	rVB2	39488	41348	2.48%	0.330%
2	1.315	63	70	79	rVB	186929	176787	10.60%	1.412%
3	1.386	86	92	101	rBV	143688	140299	8.41%	1.120%
4	1.563	141	147	155	rVB	140251	159687	9.57%	1.275%
5	1.811	217	224	233	rVB	93450	114973	6.89%	0.918%
6	2.119	311	320	331	rVB2	303276	443123	26.56%	3.538%
7	2.187	333	341	357	rVB	225484	324606	19.45%	2.592%
8	2.454	415	424	439	rVB	231592	373031	22.36%	2.979%
9	2.746	511	515	518	rBV6	1648	1623	0.10%	0.013%
10	2.868	547	553	556	rBV5	1228	1219	0.07%	0.010%
11	2.991	579	591	601	rBV	11180	21600	1.29%	0.172%
12	3.058	605	612	624	rVV4	11515	23276	1.39%	0.186%
13	3.200	648	656	667	rBV5	9692	18488	1.11%	0.148%
14	3.412	717	722	725	rBV7	1622	1363	0.08%	0.011%
15	3.553	760	766	770	rVV6	1973	2608	0.16%	0.021%
16	3.746	815	826	849	rVV3	41637	101647	6.09%	0.812%
17	3.856	855	860	861	rBV4	1668	1193	0.07%	0.010%
18	3.936	874	885	903	rBV	61910	161849	9.70%	1.292%
19	4.270	985	989	994	rVB8	1268	1534	0.09%	0.012%
20	4.396	1006	1028	1055	rBV	209084	516345	30.95%	4.123%
21	4.505	1058	1062	1063	rBV4	1959	1373	0.08%	0.011%
22	4.621	1089	1098	1101	rBV9	4433	6824	0.41%	0.054%
23	5.090	1222	1244	1280	rBV2	516279	1285525	77.04%	10.265%
24	5.370	1321	1331	1350	rVV3	25402	57072	3.42%	0.456%
25	5.659	1408	1421	1439	rBV	365935	726626	43.55%	5.802%
26	5.955	1503	1513	1525	rVB	9986	22091	1.32%	0.176%
27	6.116	1549	1563	1587	rBV	300180	602702	36.12%	4.813%
28	6.328	1616	1629	1653	rBV	206283	403152	24.16%	3.219%
29	6.695	1739	1743	1744	rBV4	1647	1202	0.07%	0.010%
30	6.804	1771	1777	1781	rBV9	1266	1671	0.10%	0.013%
31	6.984	1828	1833	1835	rBV5	2477	2321	0.14%	0.019%
32	7.026	1835	1846	1864	rVB	154412	272681	16.34%	2.177%
33	7.180	1888	1894	1895	rBV3	2526	2230	0.13%	0.018%
34	7.357	1930	1949	1963	rBV	535655	969237	58.09%	7.739%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011144.D
 Acq On : 30 May 2019 19:08
 Operator : SY/MD
 Sample : K3017-23
 Misc : 5.62G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51H8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Title : VOC Analysis

35	7.611	2019	2028	2033	rBV3	6865	10163	0.61%	0.081%
36	7.662	2034	2044	2059	rVB	100124	167580	10.04%	1.338%
37	7.801	2084	2087	2098	rVB	3074	4040	0.24%	0.032%
38	7.968	2129	2139	2151	rBV6	14239	33851	2.03%	0.270%
39	8.132	2179	2190	2218	rVV	239903	441650	26.47%	3.527%
40	8.280	2225	2236	2264	rBV	1024166	1668562	100.00%	13.324%
41	8.579	2325	2329	2335	rBV7	1860	2167	0.13%	0.017%
42	8.650	2346	2351	2352	rBV4	1429	1181	0.07%	0.009%
43	8.730	2371	2376	2379	rBV6	1514	1430	0.09%	0.011%
44	8.746	2379	2381	2385	rBV4	1343	1127	0.07%	0.009%
45	8.894	2409	2427	2448	rBV	511173	856322	51.32%	6.838%
46	9.100	2487	2491	2492	rBV4	2409	1595	0.10%	0.013%
47	9.177	2509	2515	2522	rBV9	4880	7551	0.45%	0.060%
48	9.215	2522	2527	2528	rVV3	4282	4173	0.25%	0.033%
49	9.257	2532	2540	2562	rVV2	19747	65526	3.93%	0.523%
50	9.354	2565	2570	2582	rVB8	8705	14033	0.84%	0.112%
51	9.527	2614	2624	2636	rBV2	37128	80693	4.84%	0.644%
52	9.746	2684	2692	2704	rBV2	12044	21537	1.29%	0.172%
53	9.849	2715	2724	2738	rBV	79378	126371	7.57%	1.009%
54	9.990	2759	2768	2778	rVB6	7016	14303	0.86%	0.114%
55	10.138	2809	2814	2817	rBV6	1349	1322	0.08%	0.011%
56	10.260	2839	2852	2866	rBV	241671	386165	23.14%	3.084%
57	10.421	2888	2902	2915	rVB2	19031	36440	2.18%	0.291%
58	10.559	2935	2945	2955	rBV5	12500	24141	1.45%	0.193%
59	10.627	2957	2966	2986	rVB2	28981	53856	3.23%	0.430%
60	10.756	2999	3006	3014	rVV2	9383	14277	0.86%	0.114%
61	10.804	3015	3021	3033	rVB10	9129	17697	1.06%	0.141%
62	10.955	3059	3068	3069	rBV5	11757	14282	0.86%	0.114%
63	11.084	3100	3108	3118	rBV10	5708	10876	0.65%	0.087%
64	11.196	3133	3143	3161	rBV3	57938	106885	6.41%	0.853%
65	11.293	3162	3173	3191	rVB	323139	530963	31.82%	4.240%
66	11.379	3194	3200	3209	rBV4	5899	8019	0.48%	0.064%
67	11.447	3216	3221	3226	rBV7	1325	1537	0.09%	0.012%
68	11.579	3253	3262	3272	rBV3	10698	21021	1.26%	0.168%
69	11.672	3276	3291	3302	rBV	294467	478835	28.70%	3.824%
70	11.727	3303	3308	3320	rVB4	16586	28991	1.74%	0.231%
71	11.797	3328	3330	3334	rBV4	1372	1219	0.07%	0.010%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
 Data File : VV011144.D
 Acq On : 30 May 2019 19:08
 Operator : SY/MD
 Sample : K3017-23
 Misc : 5.62G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51H8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Title : VOC Analysis

72	11.994	3389	3391	3394	rBV3	1682	1217	0.07%	0.010%
73	12.055	3402	3410	3424	rVB3	22310	39462	2.37%	0.315%
74	12.190	3444	3452	3453	rBV5	2887	3338	0.20%	0.027%
75	12.293	3474	3484	3497	rVB2	15152	27687	1.66%	0.221%
76	12.392	3506	3515	3528	rBV3	40996	69796	4.18%	0.557%
77	12.553	3561	3565	3568	rBV6	1758	1364	0.08%	0.011%
78	12.604	3574	3581	3582	rBV5	2132	2526	0.15%	0.020%
79	12.784	3630	3637	3647	rBV5	7701	12746	0.76%	0.102%
80	12.887	3665	3669	3672	rBV5	2329	2328	0.14%	0.019%
81	12.926	3676	3681	3690	rVV10	4211	6103	0.37%	0.049%
82	13.000	3701	3704	3710	rVB5	1282	1276	0.08%	0.010%
83	13.186	3756	3762	3772	rBV5	5403	9311	0.56%	0.074%
84	13.373	3815	3820	3823	rBV7	1633	1408	0.08%	0.011%
85	13.482	3847	3854	3863	rBV7	5675	9742	0.58%	0.078%
86	13.556	3871	3877	3881	rBV8	1674	2282	0.14%	0.018%
87	13.627	3894	3899	3901	rBV5	3140	3017	0.18%	0.024%
88	13.694	3913	3920	3923	rBV7	2069	2752	0.16%	0.022%
89	13.794	3947	3951	3955	rVV7	2484	2266	0.14%	0.018%
90	13.910	3983	3987	3995	rVB10	2491	3138	0.19%	0.025%
91	13.948	3995	3999	4002	rBV4	1460	1381	0.08%	0.011%
92	14.087	4031	4042	4055	rBV2	23148	43638	2.62%	0.348%
93	14.190	4070	4074	4077	rVB6	1321	1168	0.07%	0.009%
94	14.225	4077	4085	4091	rBV9	7958	13864	0.83%	0.111%
95	14.386	4124	4135	4141	rBV9	6055	11401	0.68%	0.091%
96	14.556	4184	4188	4191	rBV7	1591	1592	0.10%	0.013%
97	15.196	4383	4387	4390	rBV5	2428	1973	0.12%	0.016%
98	15.402	4448	4451	4455	rBV4	1229	1230	0.07%	0.010%
99	15.932	4613	4616	4618	rBV4	2084	1556	0.09%	0.012%
100	16.112	4669	4672	4676	rBV5	2578	2137	0.13%	0.017%

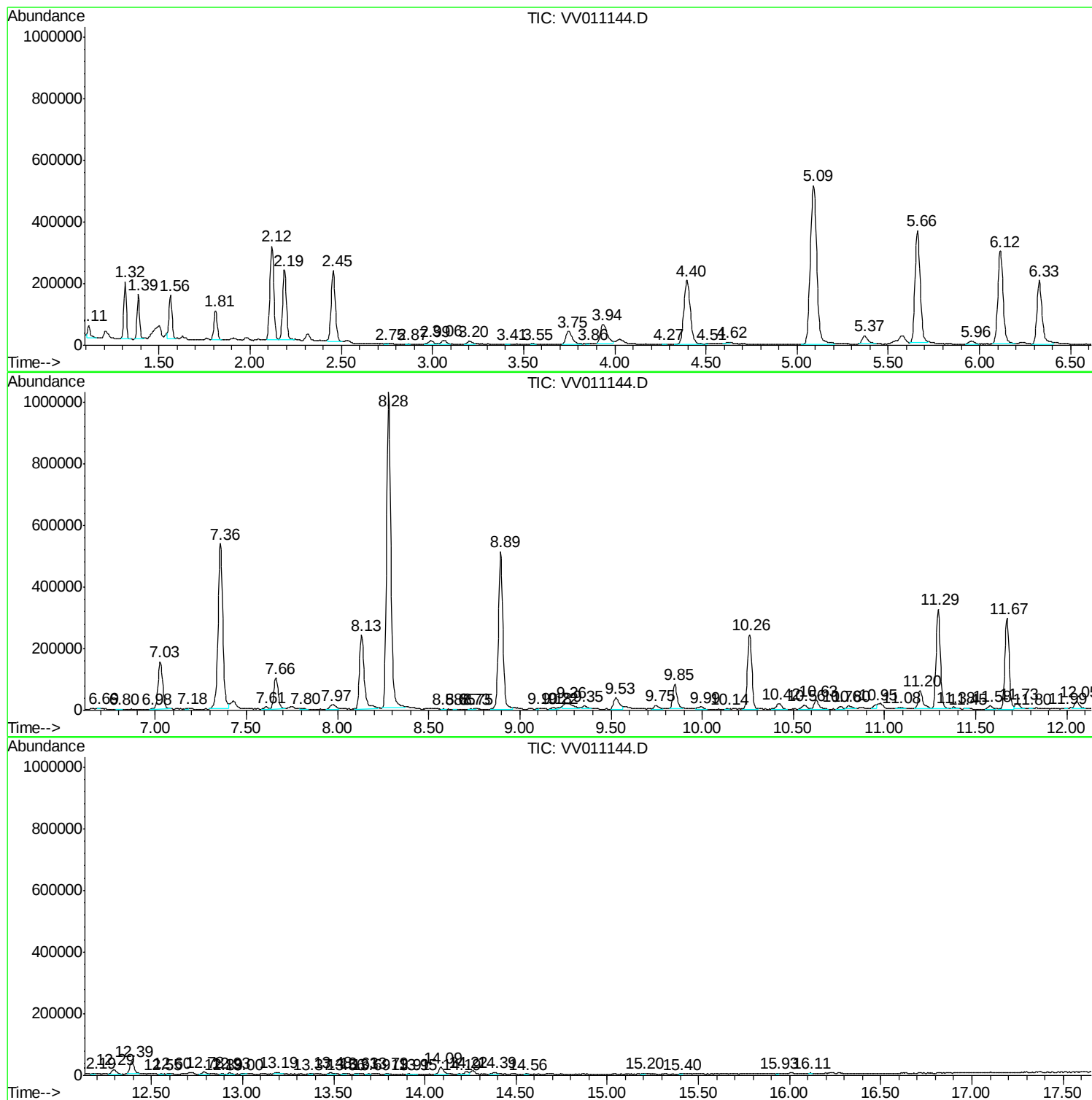
Sum of corrected areas: 12523386

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51H8

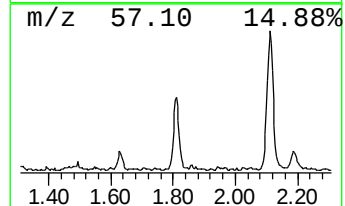
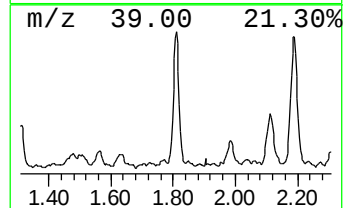
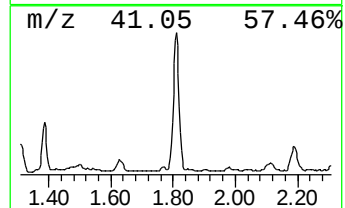
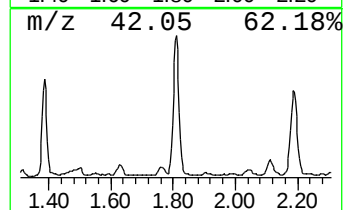
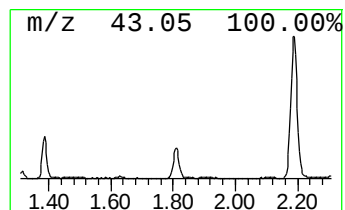
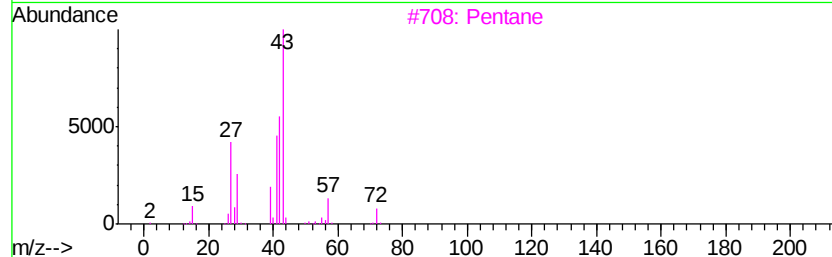
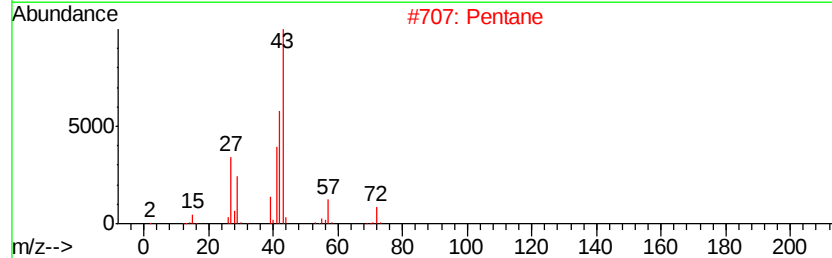
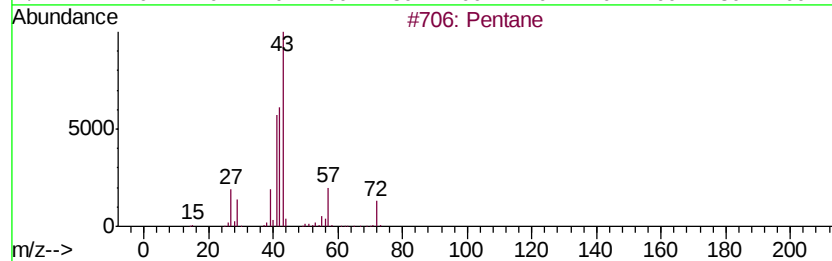
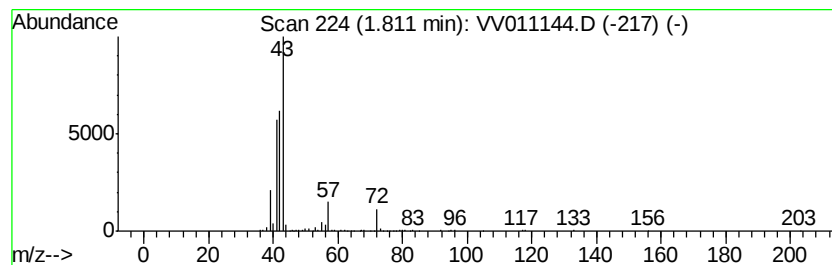
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	3.96 ug/L	114973	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	80
4		Pentane	72	C5H12	000109-66-0	64
5		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	40



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51H8

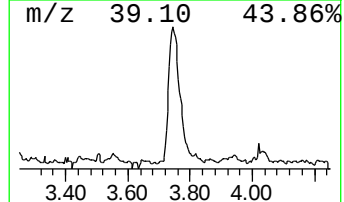
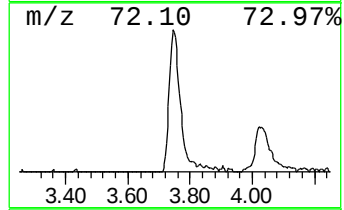
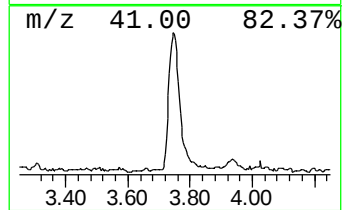
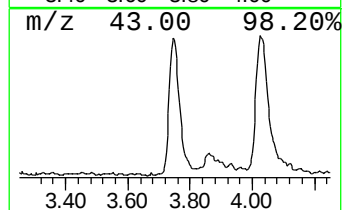
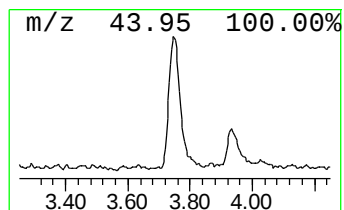
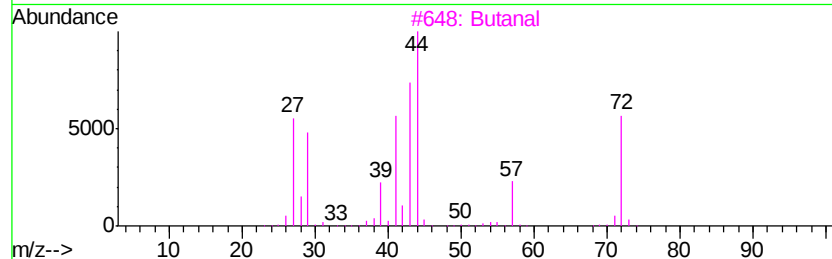
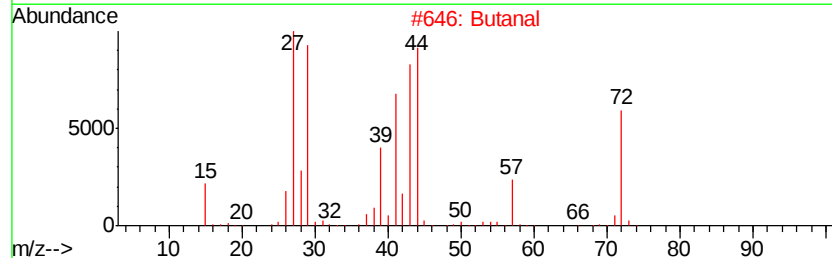
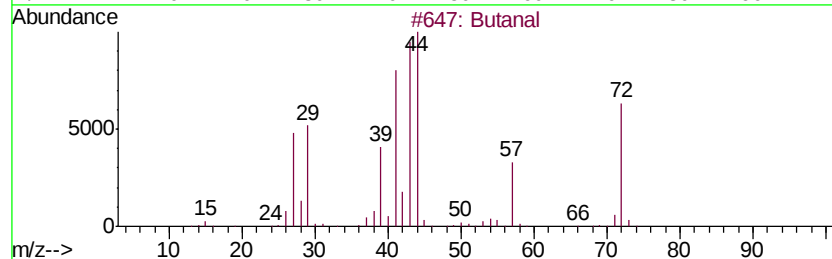
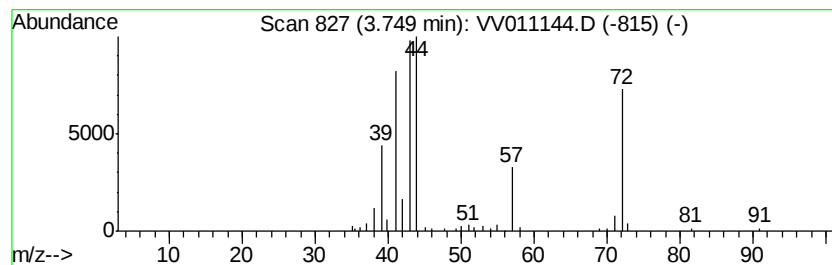
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 4 Butanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.50 ug/L	101647	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	91
2		Butanal	72	C4H8O	000123-72-8	91
3		Butanal	72	C4H8O	000123-72-8	72
4		Butanal	72	C4H8O	000123-72-8	64
5		Ethene, ethoxy-	72	C4H8O	000109-92-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51H8

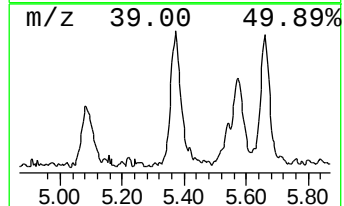
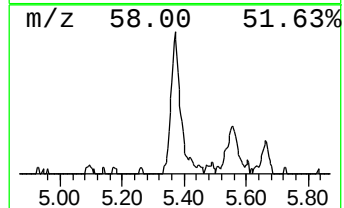
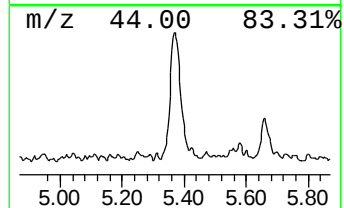
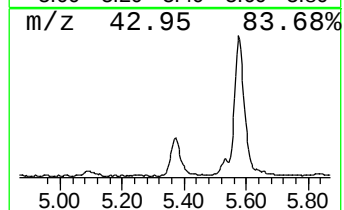
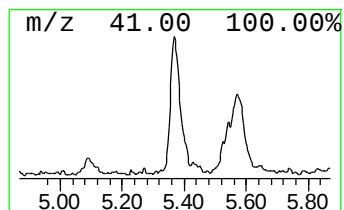
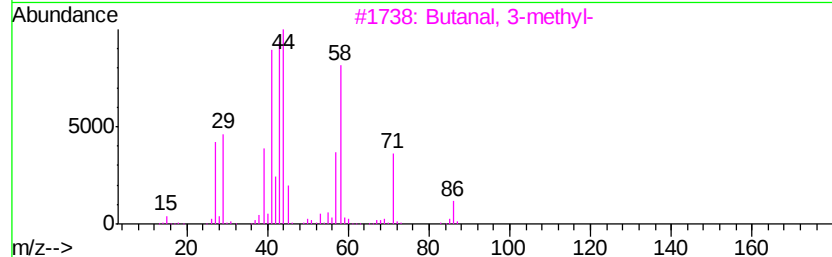
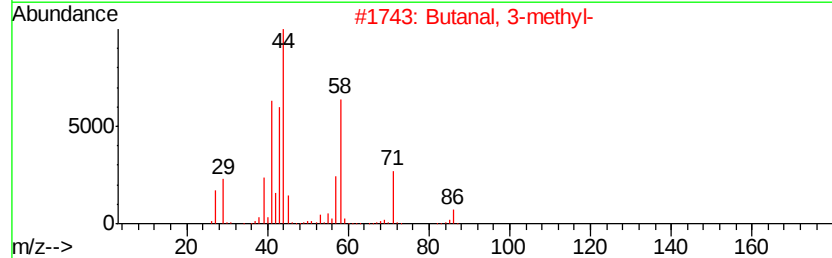
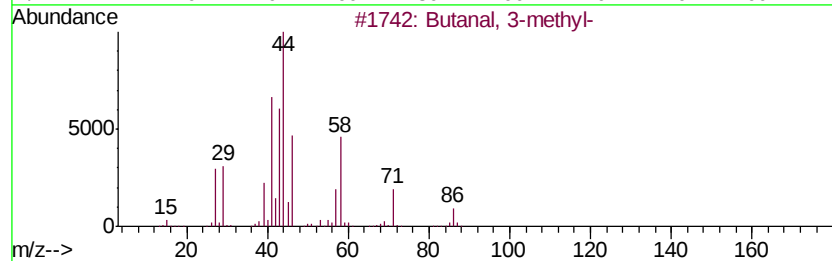
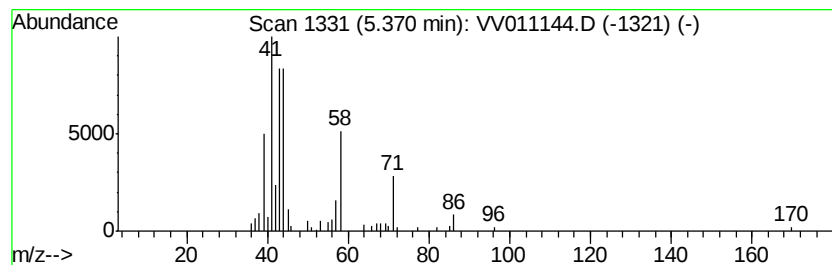
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 5 Butanal, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	1.96 ug/L	57072	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	58
4		Pentanal	86	C5H10O	000110-62-3	50
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51H8

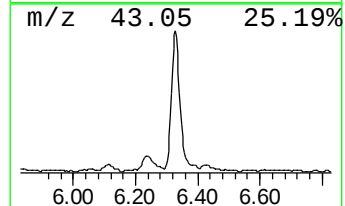
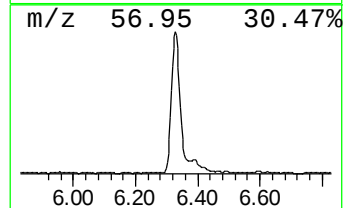
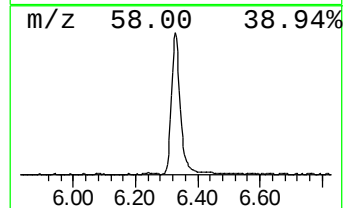
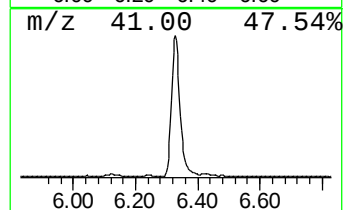
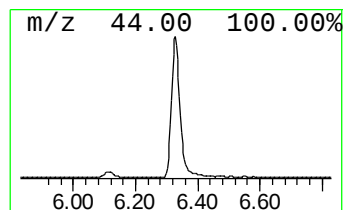
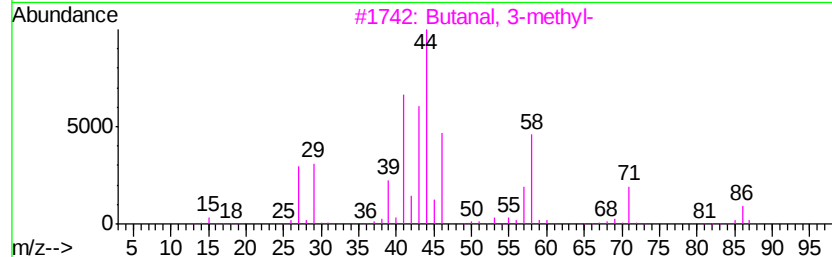
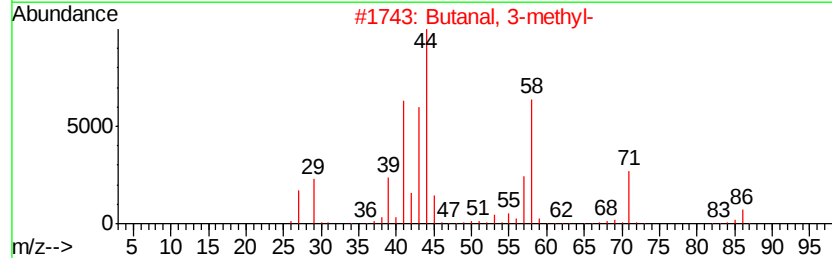
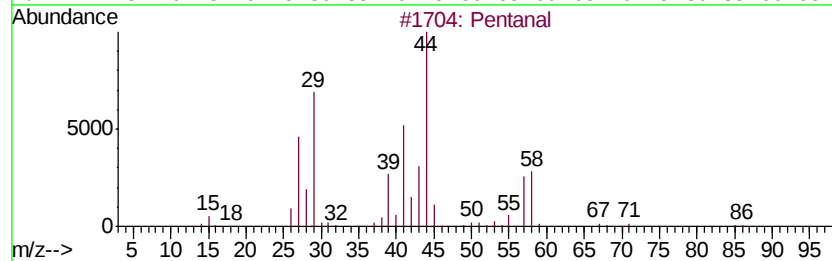
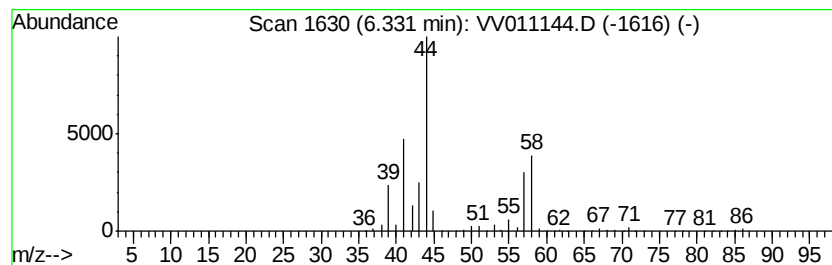
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 6 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	13.87 ug/L	403152	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	83
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
4		Pentanal	86	C5H10O	000110-62-3	64
5		Pentanal	86	C5H10O	000110-62-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

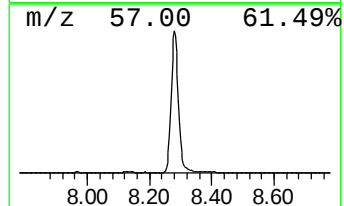
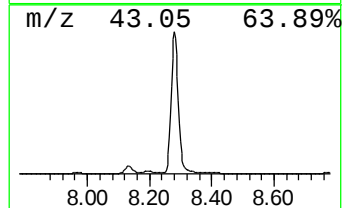
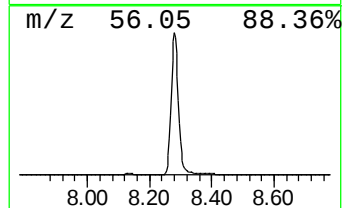
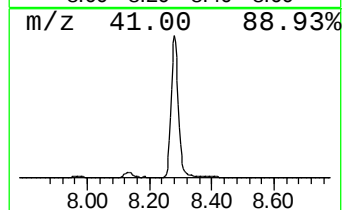
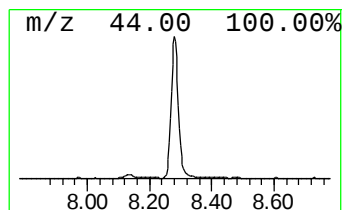
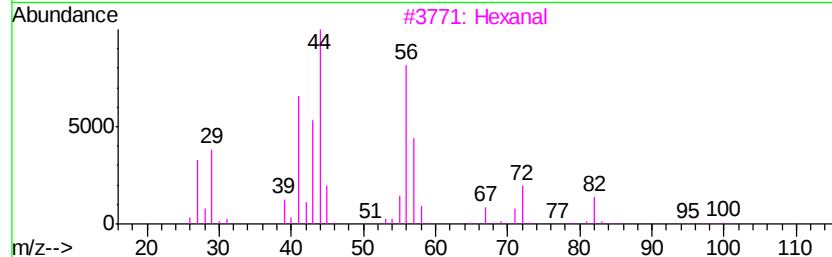
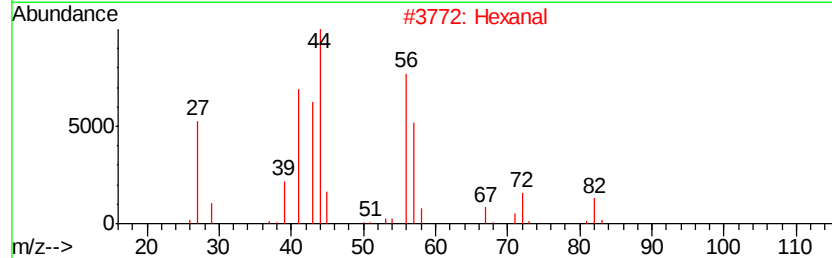
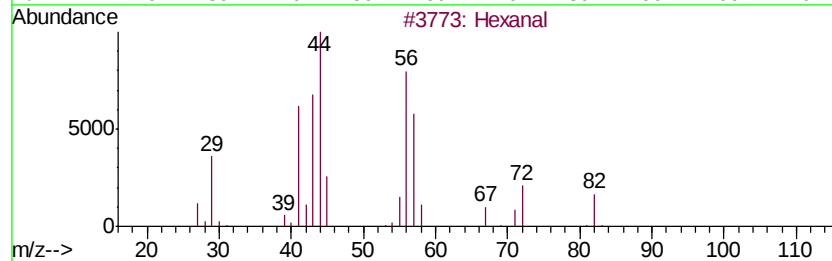
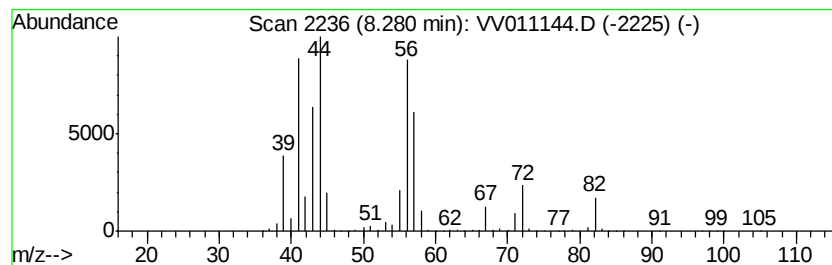
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 8 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	48.71 ug/L	1668560	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	80
3		Hexanal	100	C6H12O	000066-25-1	80
4		Hexanal	100	C6H12O	000066-25-1	72
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

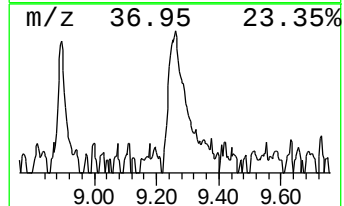
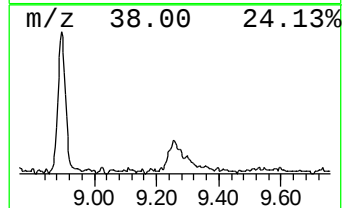
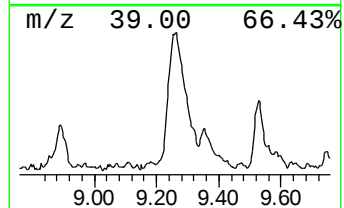
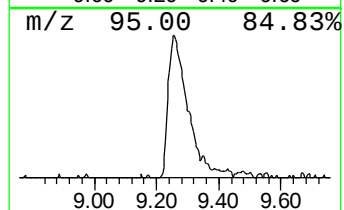
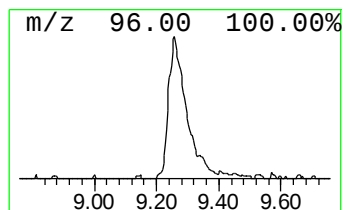
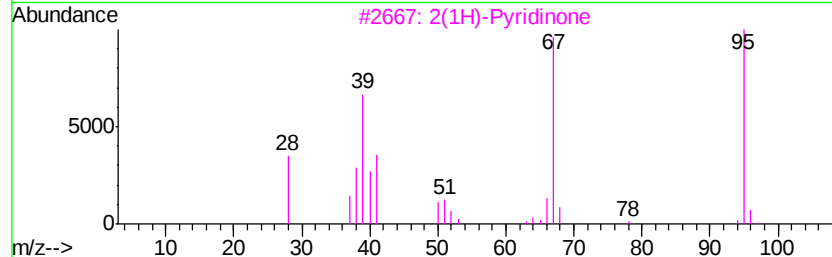
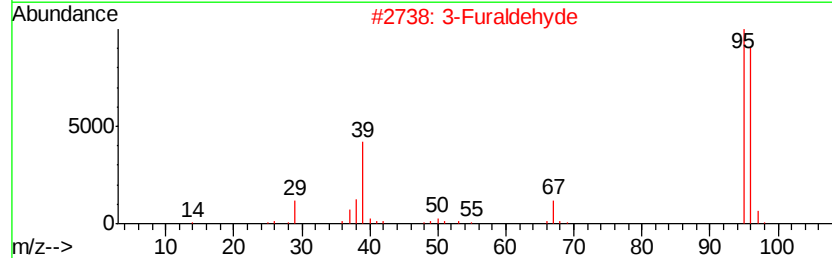
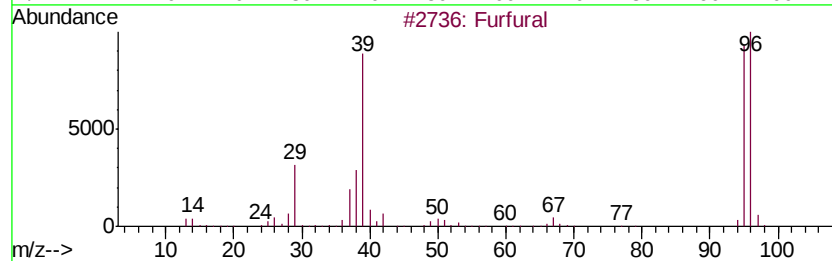
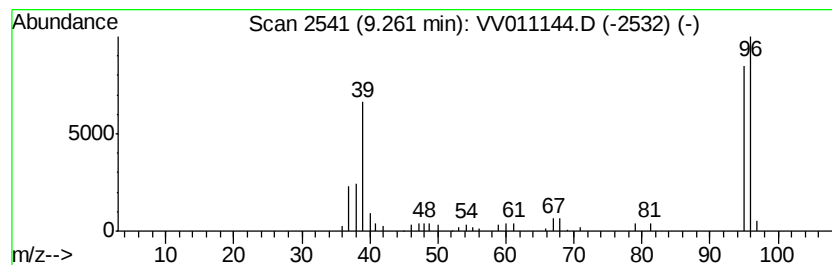
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 9 Furfural Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	1.91 ug/L	65526	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furfural	96	C5H4O2	000098-01-1	87
2		3-Furaldehyde	96	C5H4O2	000498-60-2	72
3		2(1H)-Pyridinone	95	C5H5NO	000142-08-5	52
4		Furfural	96	C5H4O2	000098-01-1	50
5		Furfural	96	C5H4O2	000098-01-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51H8

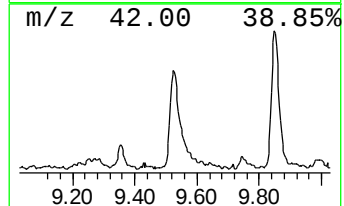
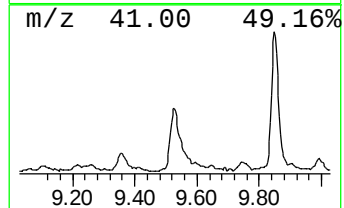
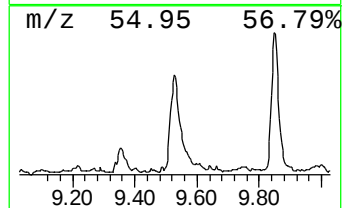
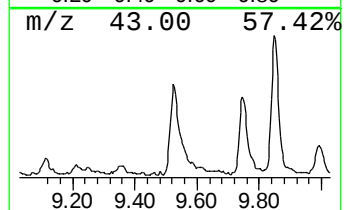
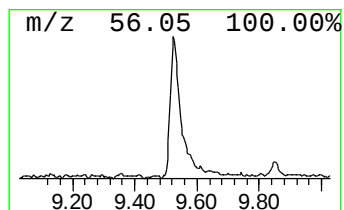
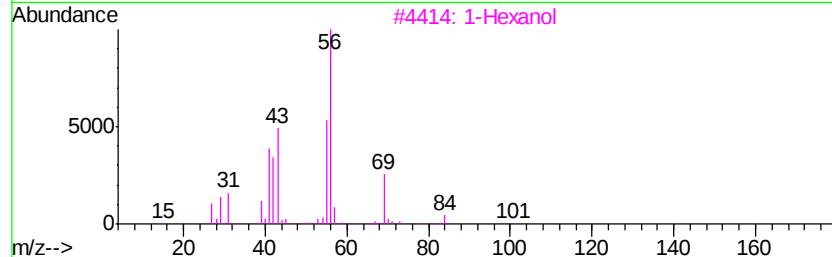
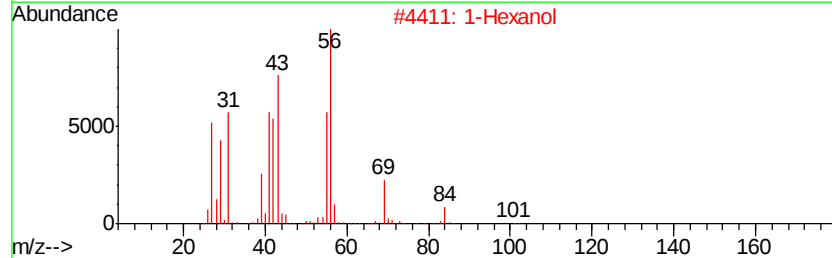
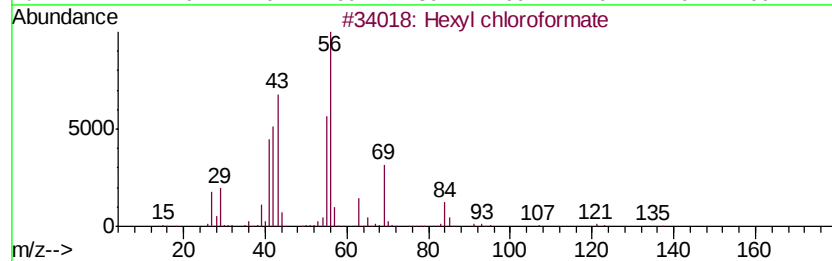
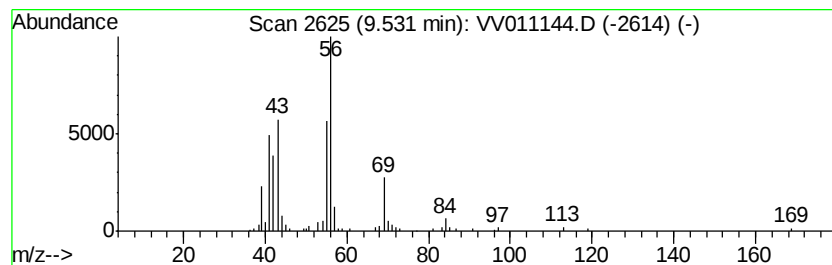
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 10 Hexyl chloroformate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.36 ug/L	80693	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	78
2		1-Hexanol	102	C6H14O	000111-27-3	78
3		1-Hexanol	102	C6H14O	000111-27-3	78
4		1-Hexanol	102	C6H14O	000111-27-3	78
5		1-Hexanol	102	C6H14O	000111-27-3	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

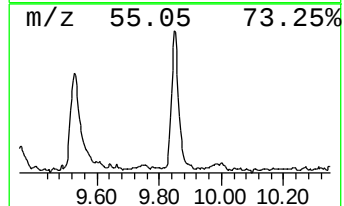
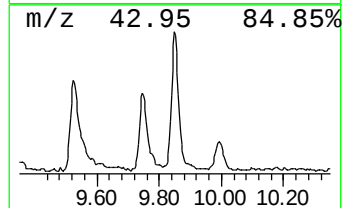
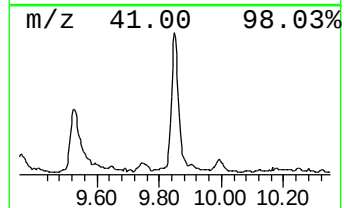
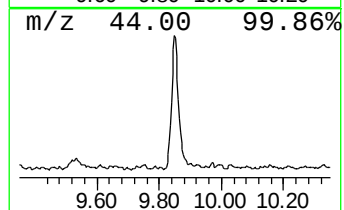
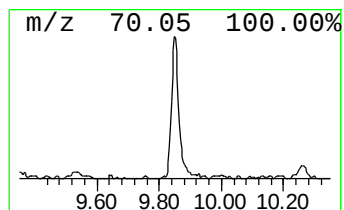
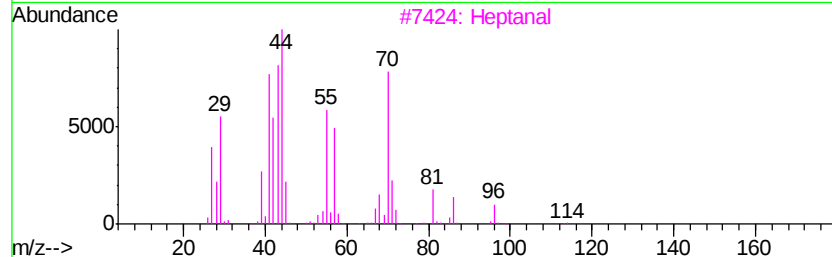
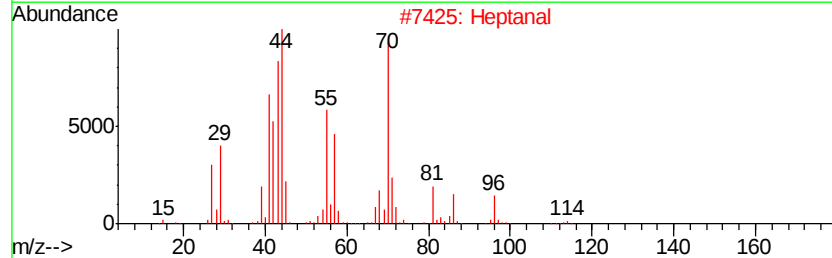
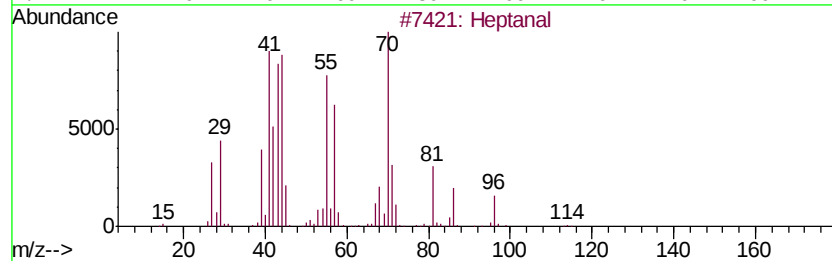
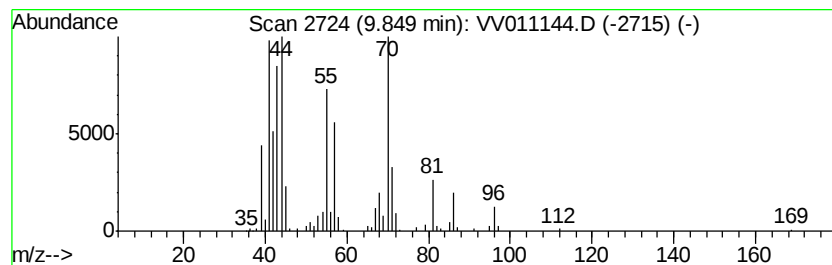
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 11 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.69 ug/L	126371	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	91
2		Heptanal	114	C7H14O	000111-71-7	90
3		Heptanal	114	C7H14O	000111-71-7	90
4		Heptanal	114	C7H14O	000111-71-7	90
5		Heptanal	114	C7H14O	000111-71-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

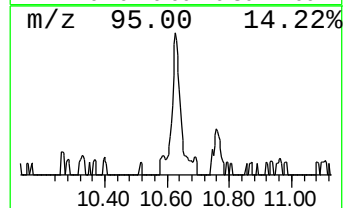
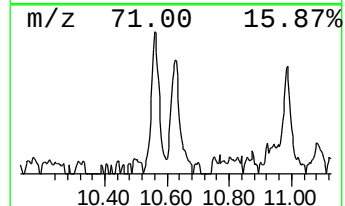
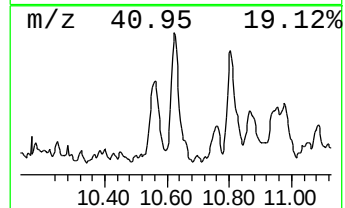
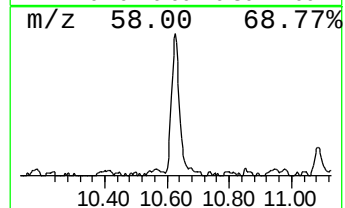
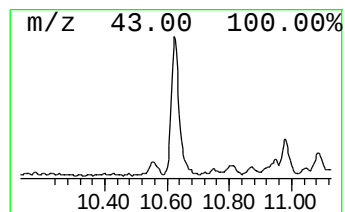
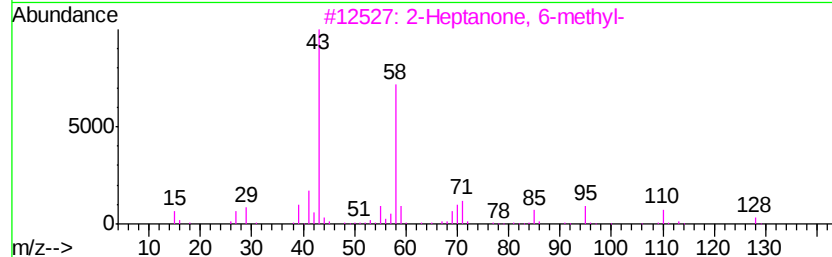
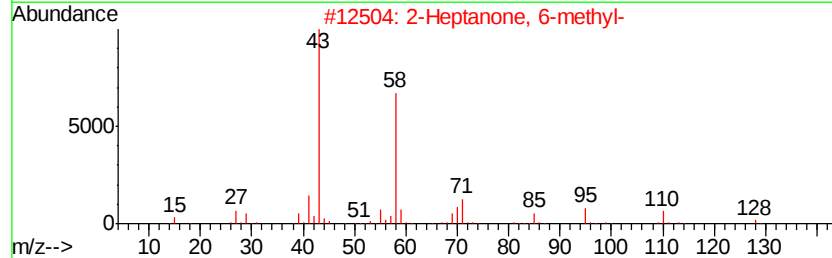
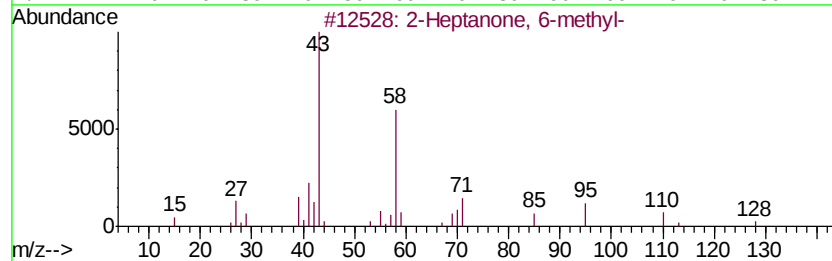
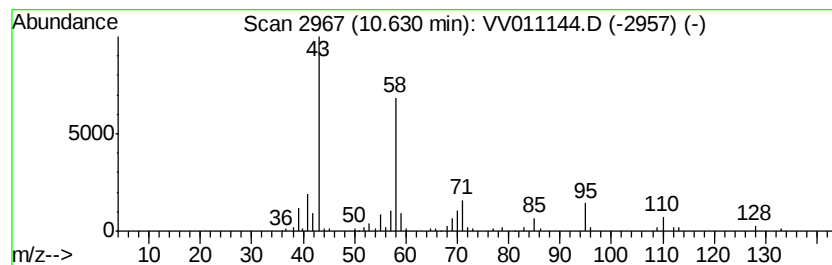
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.54 ug/L	53856	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	91
2			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
3			2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	87
4			Pentanal, 2-methyl-	100	C6H12O	000123-15-9	59
5			Pentanal, 2-methyl-	100	C6H12O	000123-15-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
A51H8

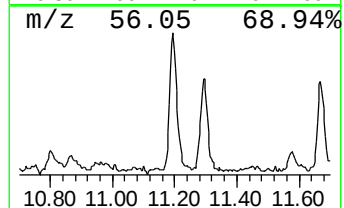
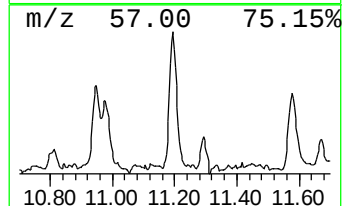
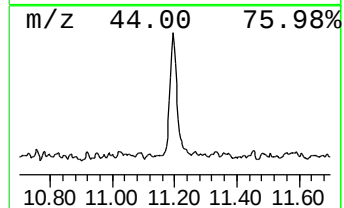
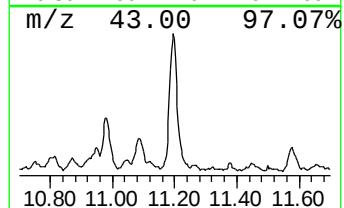
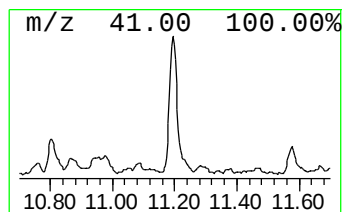
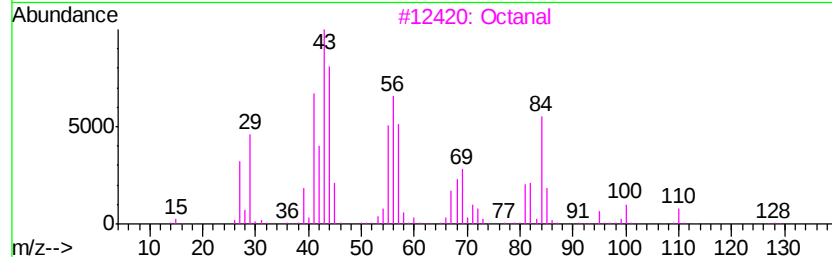
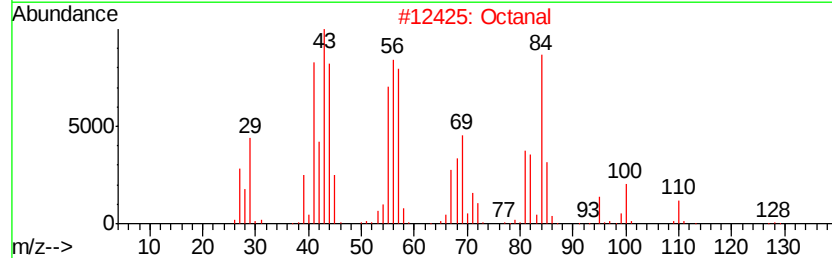
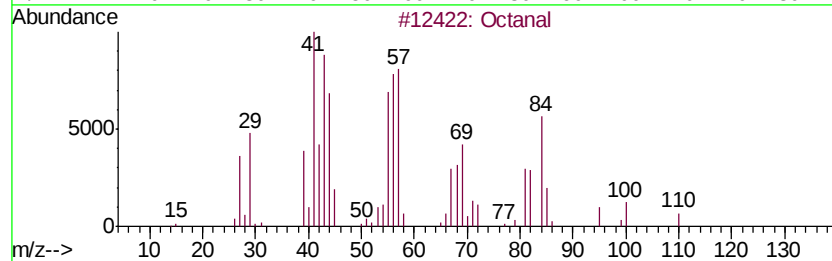
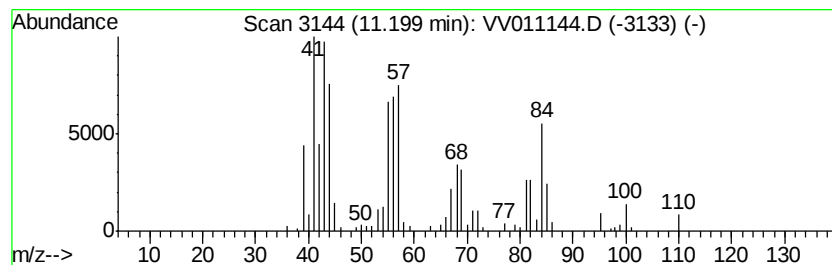
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 14 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	5.03 ug/L	106885	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanal	128	C8H16O	000124-13-0	91
2		Octanal	128	C8H16O	000124-13-0	91
3		Octanal	128	C8H16O	000124-13-0	90
4		Octanal	128	C8H16O	000124-13-0	86
5		Octanal	128	C8H16O	000124-13-0	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

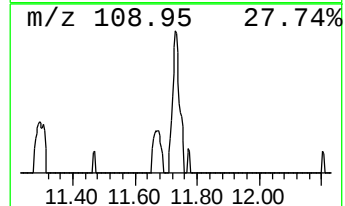
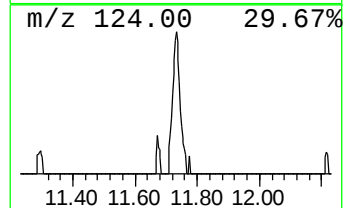
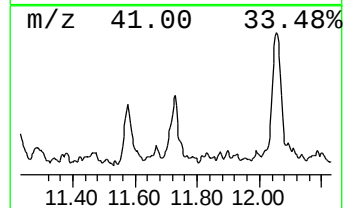
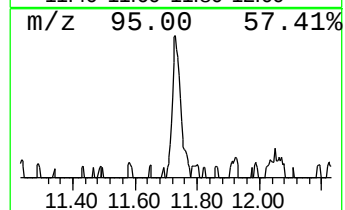
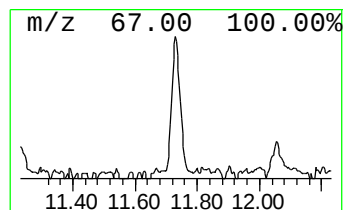
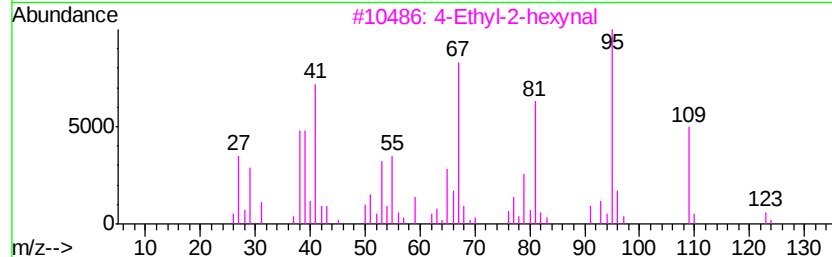
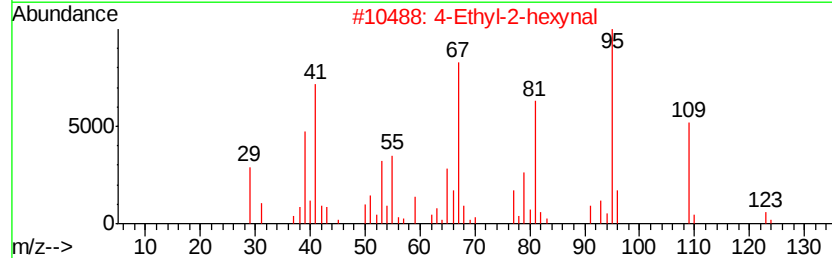
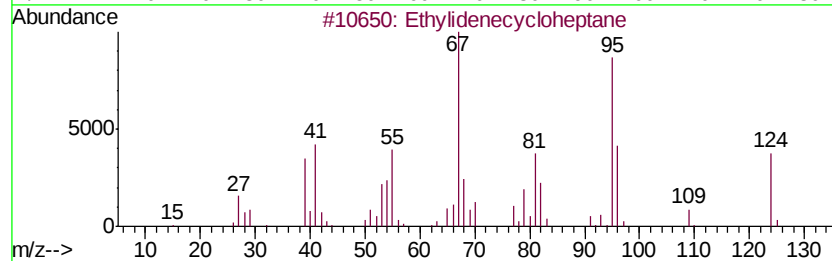
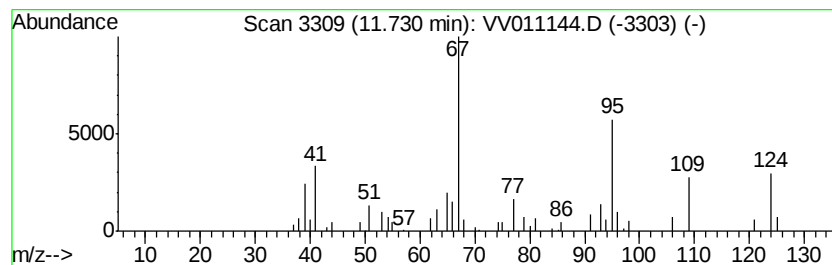
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 15 Ethylidenecycloheptane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	1.37 ug/L	28991	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethylidenecycloheptane	124	C9H16	010494-87-8	59
2		4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	47
3		4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	40
4		2,3-Diazabicyclo[2.2.1]hept-2-en...	138	C8H14N2	1000142-83-5	40
5		3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

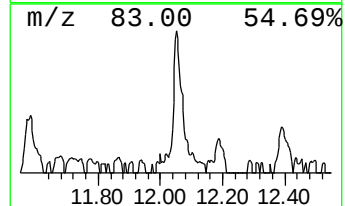
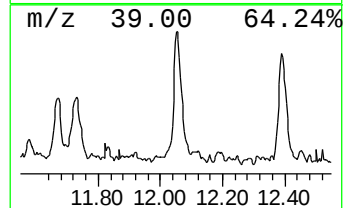
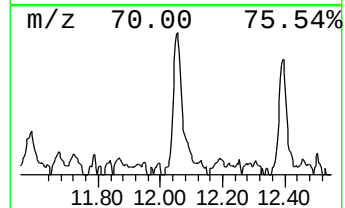
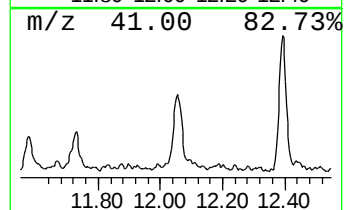
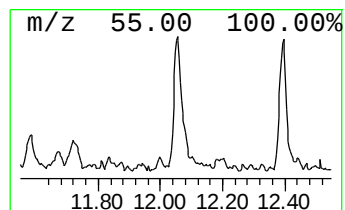
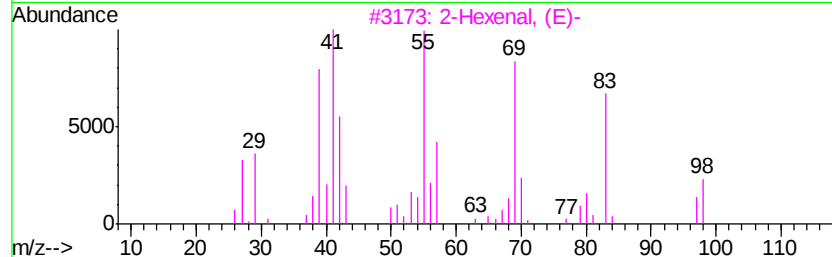
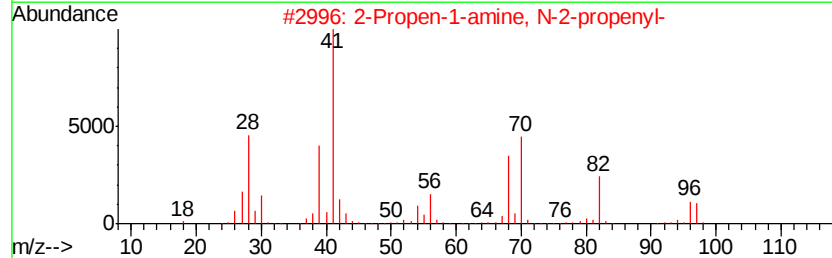
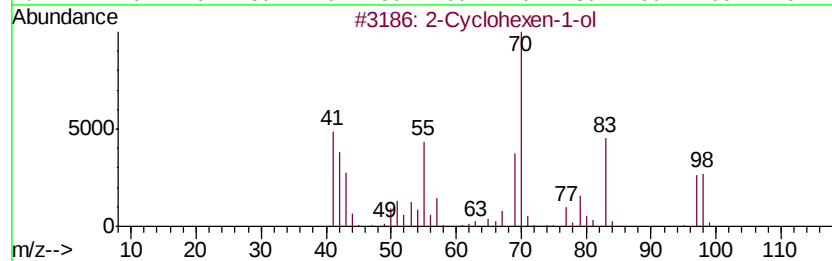
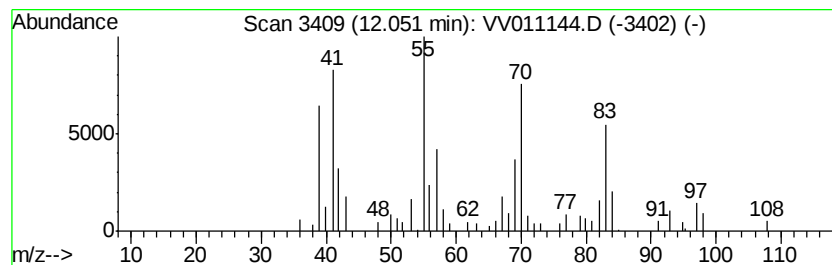
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 16 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.86 ug/L	39462	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	47
2			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	43
3			2-Hexenal, (E)-	98	C6H10O	006728-26-3	43
4			(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	43
5			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

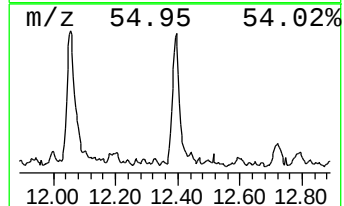
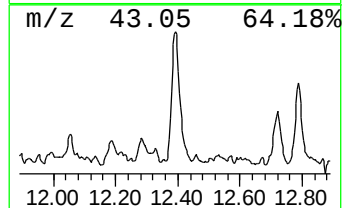
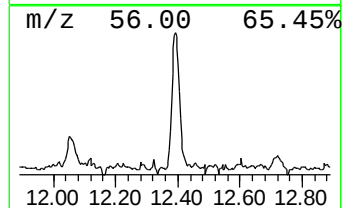
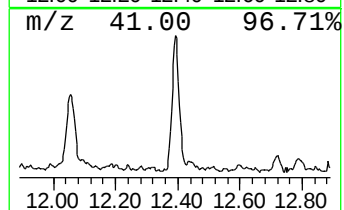
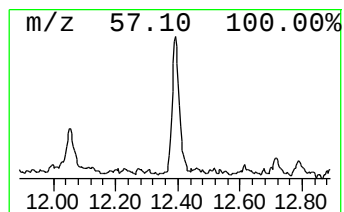
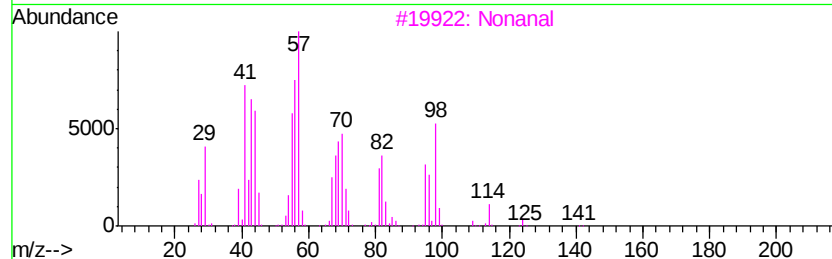
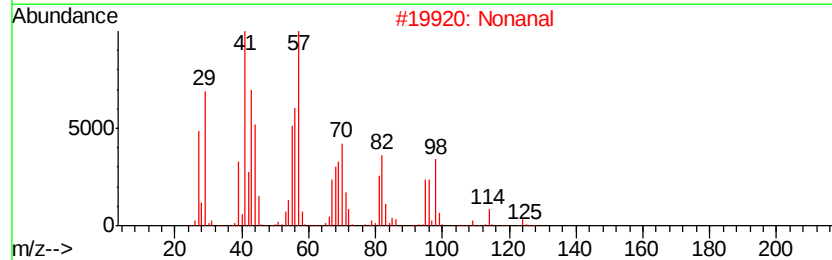
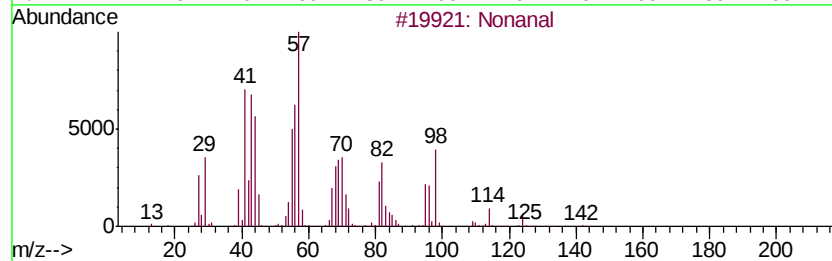
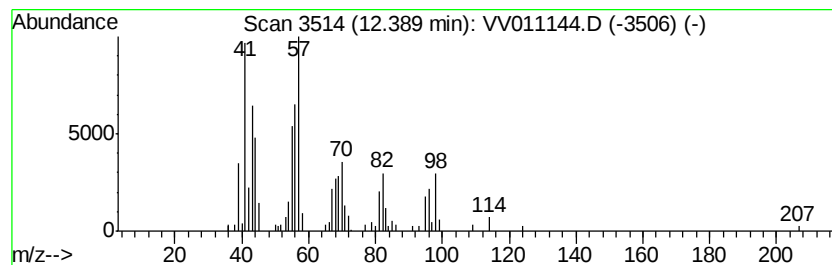
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 18 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.29 ug/L	69796	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	90
2		Nonanal	142	C9H18O	000124-19-6	90
3		Nonanal	142	C9H18O	000124-19-6	90
4		Nonanal	142	C9H18O	000124-19-6	80
5		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.81	4.0	ug/L	114973	1	5.66	726626	25.0
Butanal	3.75	3.5	ug/L	101647	1	5.66	726626	25.0
Butanal, 3-methyl-	5.37	2.0	ug/L	57072	1	5.66	726626	25.0
Pentanal	6.33	13.9	ug/L	403152	1	5.66	726626	25.0
Hexanal	8.28	48.7	ug/L	1668560	2	8.89	856322	25.0
Furfural	9.26	1.9	ug/L	65526	2	8.89	856322	25.0
Hexyl chloroformate	9.53	2.4	ug/L	80693	2	8.89	856322	25.0
Heptanal	9.85	3.7	ug/L	126371	2	8.89	856322	25.0
2-Heptanone, 6-me...	10.63	2.5	ug/L	53856	3	11.30	530963	25.0
Octanal	11.20	5.0	ug/L	106885	3	11.30	530963	25.0
Ethylidenecyclohe...	11.73	1.4	ug/L	28991	3	11.30	530963	25.0
unknown-01	12.05	1.9	ug/L	39462	3	11.30	530963	25.0
Nonanal	12.39	3.3	ug/L	69796	3	11.30	530963	25.0