

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011035.D
 Acq On : 23 May 2019 18:57
 Operator : SY/MD
 Sample : K3016-02
 Misc : 5.53G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C1

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\SOM2VLM052019S.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	1.319	65	71	78	rVB	23445	23638	11.07%	1.290%
2	1.389	88	93	100	rVB	8382	8115	3.80%	0.443%
3	1.518	128	133	137	rBV3	1309	1750	0.82%	0.095%
4	1.569	143	149	159	rVB	16939	19290	9.03%	1.052%
5	2.042	293	296	301	rVB4	560	635	0.30%	0.035%
6	2.122	311	321	333	rBV3	40735	60365	28.27%	3.293%
7	2.190	333	342	352	rVB	10606	15458	7.24%	0.843%
8	2.254	360	362	368	rVB2	471	363	0.17%	0.020%
9	2.286	368	372	373	rBV	443	218	0.10%	0.012%
10	2.312	373	380	381	rBV2	904	788	0.37%	0.043%
11	2.457	412	425	436	rBV2	3883	6489	3.04%	0.354%
12	2.531	441	448	457	rVB4	1990	3170	1.48%	0.173%
13	2.679	492	494	499	rVB2	362	299	0.14%	0.016%
14	2.875	550	555	559	rBV2	229	311	0.15%	0.017%
15	2.994	589	592	594	rBV	331	247	0.12%	0.013%
16	3.071	604	616	627	rBV6	1925	3760	1.76%	0.205%
17	3.174	645	648	652	rBV2	193	222	0.10%	0.012%
18	3.212	656	660	664	rVB3	529	578	0.27%	0.032%
19	3.290	679	684	689	rVB2	229	254	0.12%	0.014%
20	3.319	689	693	697	rVB	274	255	0.12%	0.014%
21	3.347	697	702	705	rBV	205	254	0.12%	0.014%
22	3.595	777	779	781	rBV	306	220	0.10%	0.012%
23	3.643	790	794	798	rBV	186	233	0.11%	0.013%
24	3.695	807	810	814	rBV2	249	270	0.13%	0.015%
25	3.753	822	828	840	rBV	1608	2827	1.32%	0.154%
26	3.936	874	885	905	rBV2	14184	36416	17.05%	1.987%
27	4.241	976	980	985	rBV2	217	226	0.11%	0.012%
28	4.293	991	996	998	rBV2	186	212	0.10%	0.012%
29	4.399	1012	1029	1047	rBV2	38800	92998	43.55%	5.074%
30	4.663	1108	1111	1113	rBV	285	238	0.11%	0.013%
31	4.737	1130	1134	1139	rBV2	253	286	0.13%	0.016%
32	4.981	1205	1210	1213	rBV2	169	220	0.10%	0.012%
33	5.093	1226	1245	1264	rBV2	85193	213553	100.00%	11.651%
34	5.228	1285	1287	1292	rVB2	359	222	0.10%	0.012%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011035.D
 Acq On : 23 May 2019 18:57
 Operator : SY/MD
 Sample : K3016-02
 Misc : 5.53G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C1

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\SOM2VLM052019S.M
 Title : VOC Analysis

35	5.380	1324	1334	1339	rBV4	960	1406	0.66%	0.077%
36	5.579	1387	1396	1406	rVV4	922	1665	0.78%	0.091%
37	5.662	1409	1422	1448	rVV	77596	157296	73.66%	8.582%
38	5.753	1448	1450	1454	rVB2	396	219	0.10%	0.012%
39	5.949	1506	1511	1512	rBV	294	233	0.11%	0.013%
40	6.116	1551	1563	1586	rBV2	50316	104982	49.16%	5.728%
41	6.331	1620	1630	1648	rBV4	9573	19319	9.05%	1.054%
42	6.704	1742	1746	1753	rBV3	391	575	0.27%	0.031%
43	6.785	1767	1771	1775	rBV2	323	420	0.20%	0.023%
44	6.814	1777	1780	1785	rVB	239	237	0.11%	0.013%
45	6.933	1814	1817	1826	rVB	358	505	0.24%	0.028%
46	7.029	1836	1847	1861	rVV2	24896	42731	20.01%	2.331%
47	7.135	1877	1880	1888	rVB2	321	220	0.10%	0.012%
48	7.183	1888	1895	1900	rBV3	788	953	0.45%	0.052%
49	7.273	1917	1923	1925	rBV2	222	268	0.13%	0.015%
50	7.360	1934	1950	1968	rBV	84030	150817	70.62%	8.228%
51	7.662	2034	2044	2058	rBV	16635	27282	12.78%	1.488%
52	7.730	2063	2065	2070	rVB2	362	311	0.15%	0.017%
53	7.881	2108	2112	2116	rVB3	452	518	0.24%	0.028%
54	7.929	2116	2127	2129	rBV2	554	985	0.46%	0.054%
55	7.974	2138	2141	2142	rBV2	479	274	0.13%	0.015%
56	8.039	2152	2161	2163	rVB	238	315	0.15%	0.017%
57	8.132	2179	2190	2205	rBV	51768	90831	42.53%	4.956%
58	8.280	2226	2236	2255	rBV	97079	165700	77.59%	9.040%
59	8.527	2310	2313	2318	rBV2	168	219	0.10%	0.012%
60	8.788	2390	2394	2399	rBV2	270	350	0.16%	0.019%
61	8.894	2416	2427	2445	rBV	115153	192777	90.27%	10.518%
62	8.990	2455	2457	2464	rVB4	769	579	0.27%	0.032%
63	9.093	2483	2489	2493	rBV	198	263	0.12%	0.014%
64	9.177	2509	2515	2519	rBV3	456	570	0.27%	0.031%
65	9.248	2531	2537	2538	rBV3	690	513	0.24%	0.028%
66	9.424	2590	2592	2595	rBV2	292	215	0.10%	0.012%
67	9.511	2611	2619	2620	rBV2	476	455	0.21%	0.025%
68	9.582	2638	2641	2645	rBV3	437	451	0.21%	0.025%
69	9.643	2656	2660	2664	rBV3	461	556	0.26%	0.030%
70	9.852	2718	2725	2733	rBV5	3715	5111	2.39%	0.279%
71	10.186	2825	2829	2832	rBV2	235	233	0.11%	0.013%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011035.D
 Acq On : 23 May 2019 18:57
 Operator : SY/MD
 Sample : K3016-02
 Misc : 5.53G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51C1

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\SOM2VLM052019S.M
 Title : VOC Analysis

72	10.260	2841	2852	2866	rBV	68018	105569	49.43%	5.760%
73	10.415	2896	2900	2902	rBV3	1680	1280	0.60%	0.070%
74	10.624	2957	2965	2974	rBV4	1321	1903	0.89%	0.104%
75	10.765	3003	3009	3014	rVV	350	464	0.22%	0.025%
76	10.952	3065	3067	3069	rVV2	496	320	0.15%	0.017%
77	10.965	3069	3071	3072	rVV	531	213	0.10%	0.012%
78	10.984	3072	3077	3084	rVB4	487	655	0.31%	0.036%
79	11.051	3094	3098	3101	rBV	274	258	0.12%	0.014%
80	11.087	3105	3109	3112	rVB2	321	294	0.14%	0.016%
81	11.109	3112	3116	3119	rBV	259	236	0.11%	0.013%
82	11.196	3136	3143	3151	rBV5	3691	5190	2.43%	0.283%
83	11.296	3163	3174	3192	rVB	78207	127493	59.70%	6.956%
84	11.579	3253	3262	3271	rBV5	2438	3595	1.68%	0.196%
85	11.672	3280	3291	3305	rBV	68731	109097	51.09%	5.952%
86	12.051	3405	3409	3417	rVB5	1634	2142	1.00%	0.117%
87	12.286	3477	3482	3483	rBV2	891	741	0.35%	0.040%
88	12.392	3508	3515	3522	rVB5	2922	3420	1.60%	0.187%
89	12.476	3537	3541	3543	rBV	287	238	0.11%	0.013%
90	12.714	3610	3615	3617	rBV2	1035	924	0.43%	0.050%
91	13.633	3894	3901	3907	rVB3	988	1225	0.57%	0.067%
92	13.765	3939	3942	3945	rBV	266	226	0.11%	0.012%
93	14.087	4038	4042	4044	rBV2	343	319	0.15%	0.017%
94	14.495	4164	4169	4173	rBV2	239	307	0.14%	0.017%
95	14.997	4322	4325	4328	rBV2	255	217	0.10%	0.012%
96	15.627	4517	4521	4523	rBV	324	274	0.13%	0.015%
97	15.669	4531	4534	4536	rBV	363	261	0.12%	0.014%
98	16.900	4915	4917	4924	rVB3	368	319	0.15%	0.017%
99	17.041	4957	4961	4962	rBV2	579	396	0.19%	0.022%
100	17.614	5135	5139	5140	rBV2	823	567	0.27%	0.031%

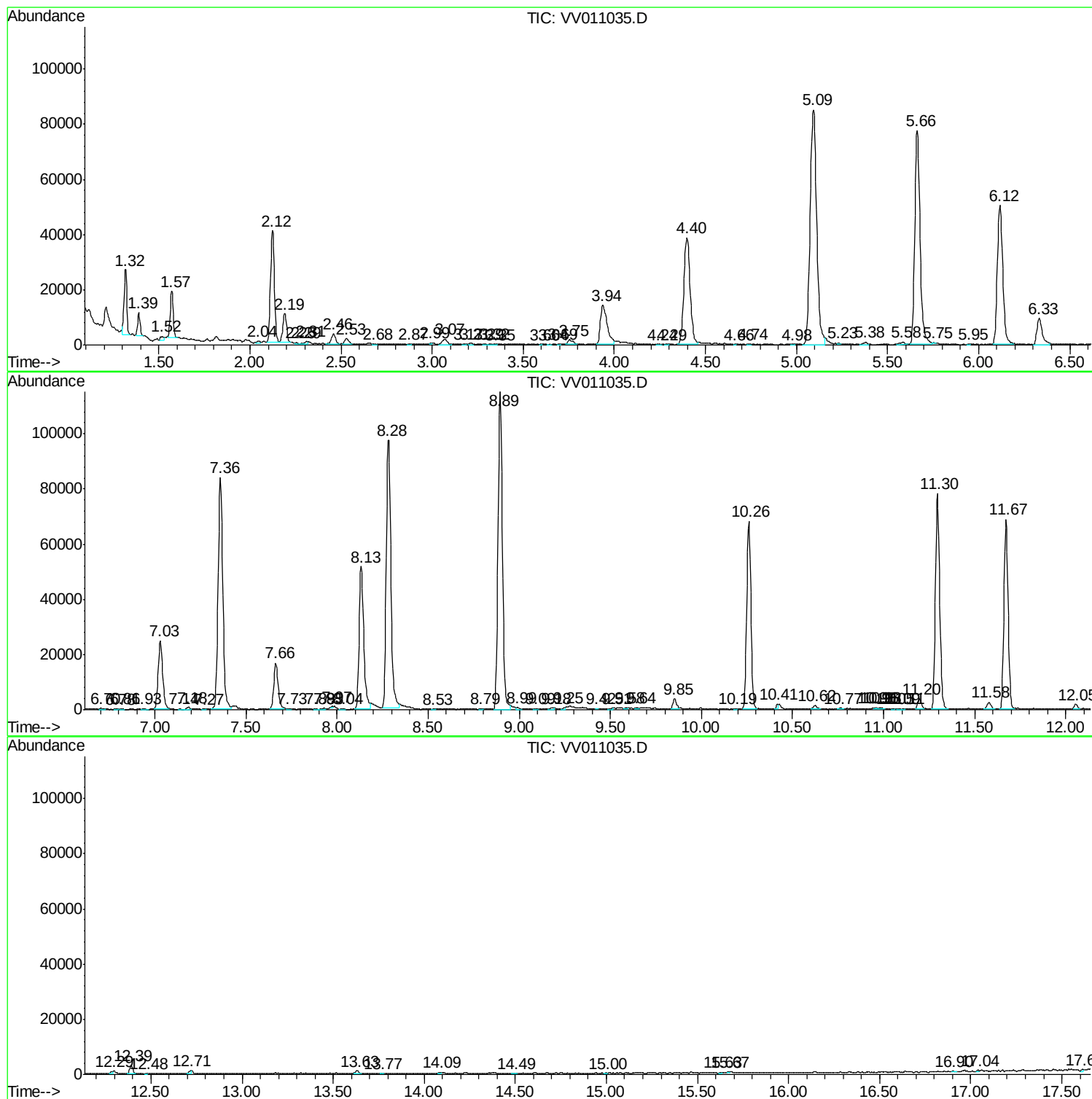
Sum of corrected areas: 1832877

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1

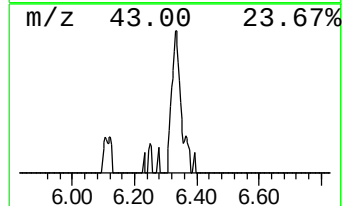
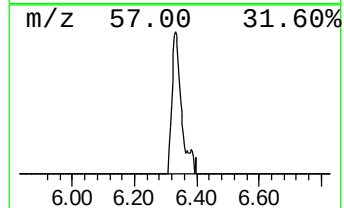
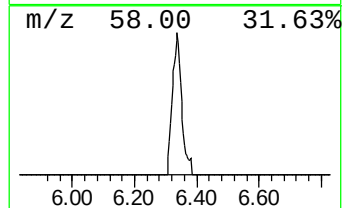
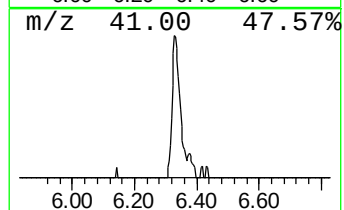
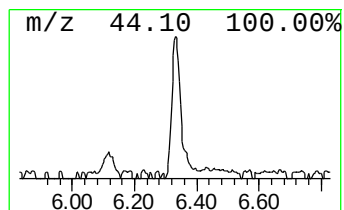
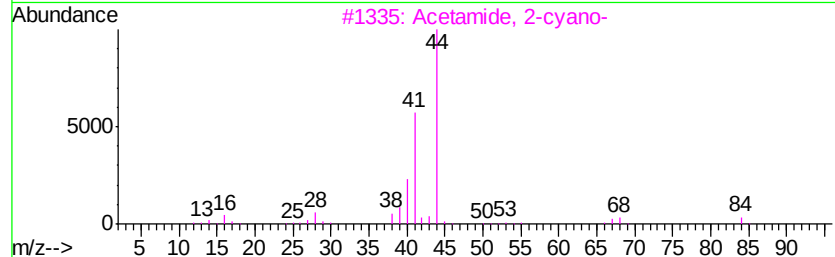
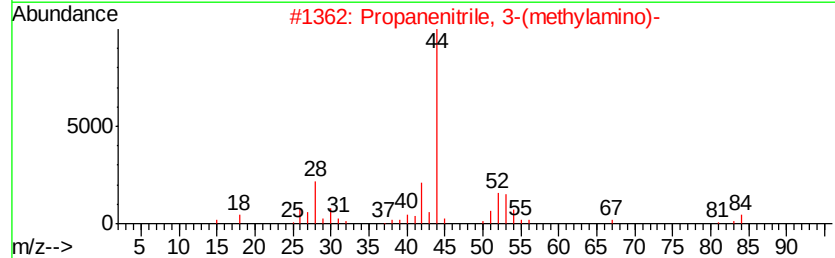
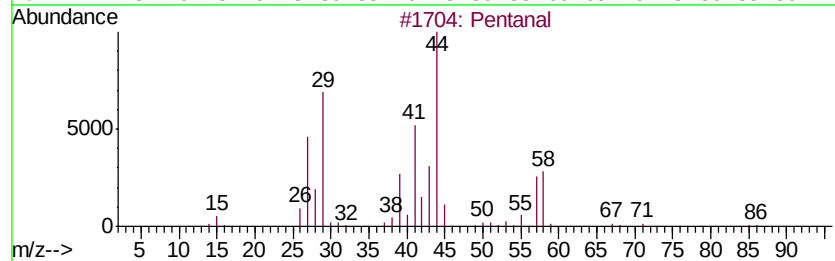
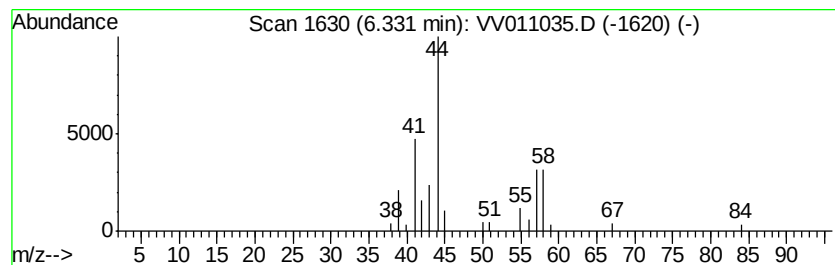
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.07 ug/L	19319	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	64
2		Propanenitrile, 3-(methylamino)-	84	C4H8N2	000693-05-0	9
3		Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	9
4		2-Propanamine	59	C3H9N	000075-31-0	7
5		2-Propanamine	59	C3H9N	000075-31-0	7



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV052319\
Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1

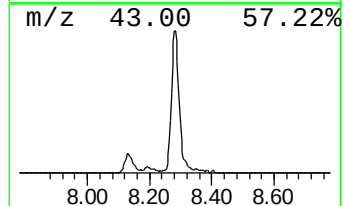
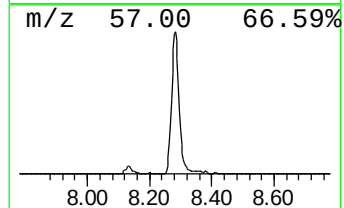
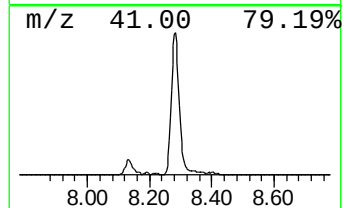
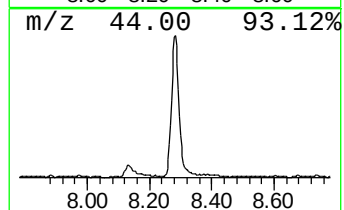
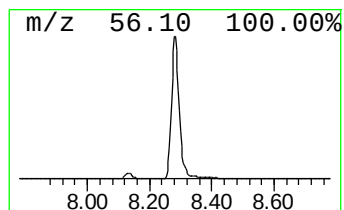
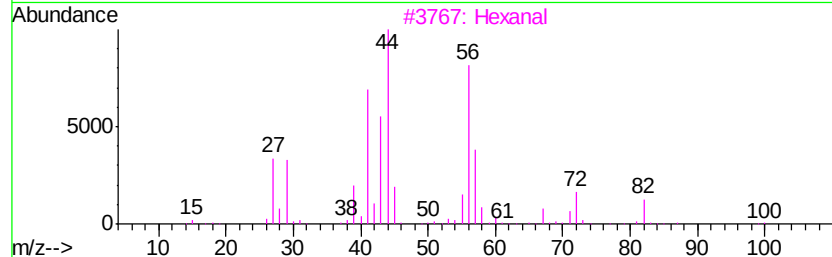
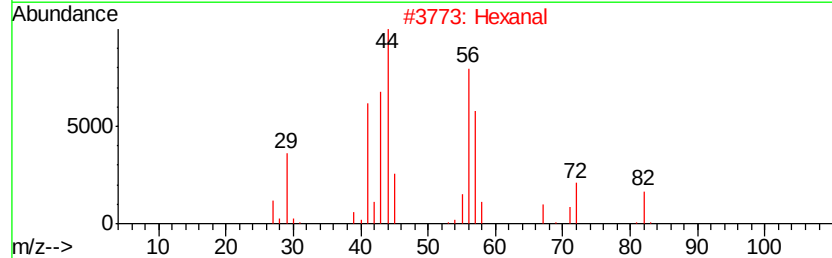
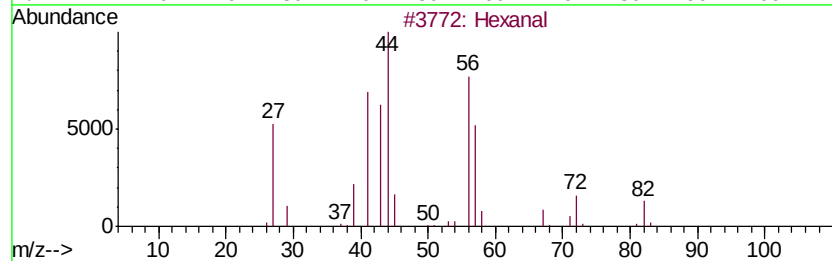
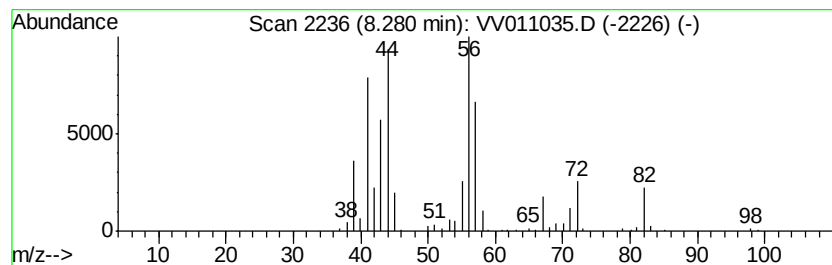
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	21.49 ug/L	165700	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	86
2		Hexanal	100	C6H12O	000066-25-1	83
3		Hexanal	100	C6H12O	000066-25-1	83
4		Hexanal	100	C6H12O	000066-25-1	78
5		Butanal, 3-methyl-	86	C5H10O	000590-86-3	35



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\DATA\VV052319\
Data File : VV011035.D
Acq On : 23 May 2019 18:57
Operator : SY/MD
Sample : K3016-02
Misc : 5.53G/10ML/MSV0A_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :
A51C1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM052019S.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
Pentanal	6.33	3.1	ug/L	19319	1	5.66	157296	25.0
Hexanal	8.28	21.5	ug/L	165700	2	8.89	192777	25.0