LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

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_W\METHOD\SOM2WLM070219S.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	1.959	5	9	23	rVB3	9566	22662	2.06%	0.271%
2	2.154	37	41	56	rBV3	9518	24260	2.21%	0.290%
3	2.343	67	72	84	rVB	70606	125108	11.40%	1.497%
4	2.879	153	160	173	rBV	43419	112654	10.26%	1.348%
5	3.373	235	241	251	rVB3	4678	12656	1.15%	0.151%
6	3.538	263	268	273	rBV3	1661	3956	0.36%	0.047%
7	3.708	294	296	297	rBV2	1017	751	0.07%	0.009%
8	3.849	314	319	320	rBV3	1466	2165	0.20%	0.026%
9	4.013	334	346	357	rBV	105202	345608	31.48%	4.135%
10	4.117	358	363	375	rVB	22652	63858	5.82%	0.764%
11	4.391	400	408	422	rVB	8768	27182	2.48%	0.325%
12	4.574	434	438	439	rBV2	590	748	0.07%	0.009%
13	4.605	439	443	447	rVV4	997	1780	0.16%	0.021%
14	4.842	478	482	483	rBV3	694	910	0.08%	0.011%
15	4.915	483	494	508	rBV2	10095	40004	3.64%	0.479%
16	5.111	524	526	530	rVB3	463	497	0.05%	0.006%
17	5.428	574	578	580	rBV4	524	605	0.06%	0.007%
18	5.495	585	589	591	rVB3	476	679	0.06%	0.008%
19	5.769	631	634	635	rBV3	440	521	0.05%	0.006%
20	5.879	650	652	653	rVV2	554	498	0.05%	0.006%
21	5.934	653	661	673	rVV3	7215	21119	1.92%	0.253%
22	6.129	690	693	698	rVB3	403	613	0.06%	0.007%
23	6.263	712	715	716	rBV2	420	498	0.05%	0.006%
24	6.299	719	721	727	rVB3	304	499	0.05%	0.006%
25	6.513	753	756	758	rBV3	509	618	0.06%	0.007%
26	6.580	764	767	771	rBV2	531	971	0.09%	0.012%
27	6.897	809	819	826	rBV6	2417	7485	0.68%	0.090%
28	6.976	828	832	834	rVV5	1162	1853	0.17%	0.022%
29	7.074	838	848	874	rVV	48744	157258	14.33%	1.881%
30	7.250	874	877	880	rVB3	415	592	0.05%	0.007%
31	7.317	885	888	892	rVB5	395	565	0.05%	0.007%
32	7.421	900	905	912	rBV2	1926	4243	0.39%	0.051%
33	7.494	912	917	919	rVV3	722	1029	0.09%	0.012%
34	7.543	923	925	929	rVB2	546	715	0.07%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
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Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	7.647	931	942	957	rBV	177122	446055	40.63%	5.336%
36	7.744	957	958	964	rVB3	740	608	0.06%	0.007%
37	7.811	967	969	972	rBV3	528	724	0.07%	0.009%
38	7.921	983	987	989	rBV5	881	1197	0.11%	0.014%
39	8.275	1035	1045	1062	rBV2	358934	1097757	100.00%	13.132%
40	8.518	1082	1085	1086	rBV2	773	713	0.06%	0.009%
41	8.616	1098	1101	1106	rVB4	752	1210	0.11%	0.014%
42	8.695	1108	1114	1115	rBV3	1603	2404	0.22%	0.029%
43	8.842	1129	1138	1148	rBV	374792	725637	66.10%	8.681%
44	8.976	1158	1160	1162	rVB2	441	475	0.04%	0.006%
45	9.031	1162	1169	1172	rBV3	2505	5052	0.46%	0.060%
46	9.073	1173	1176	1182	rVV6	2707	5317	0.48%	0.064%
47	9.274	1200	1209	1224	rBV	268542	550160	50.12%	6.582%
48	9.463	1233	1240	1251	rBV2	67423	124066	11.30%	1.484%
49	9.659	1266	1272	1283	rVB4	3667	7985	0.73%	0.096%
50	9.829	1298	1300	1303	rVV3	509	577	0.05%	0.007%
51	9.957	1320	1321	1324	rBV3	552	606	0.06%	0.007%
52	10.036	1326	1334	1344	rVV	122201	226101	20.60%	2.705%
53	10.122	1345	1348	1352	rVB4	1465	1980	0.18%	0.024%
54	10.207	1358	1362	1370	rVB6	850	2222	0.20%	0.027%
55	10.323	1370	1381	1389	rBV	443545	775225	70.62%	9.274%
56	10.384	1389	1391	1395	rVV3	3684	6340	0.58%	0.076%
57	10.427	1395	1398	1403	rVB5	3603	5506	0.50%	0.066%
58	10.500	1406	1410	1415	rBV5	1492	2647	0.24%	0.032%
59	10.579	1416	1423	1439	rVB	79685	142070	12.94%	1.700%
60	10.707	1439	1444	1448	rBV4	2562	4774	0.43%	0.057%
61	10.780	1454	1456	1461	rVB3	900	1064	0.10%	0.013%
62	10.860	1465	1469	1472	rBV4	766	1034	0.09%	0.012%
63	10.927	1473	1480	1490	rVV	155111	266370	24.26%	3.187%
64	11.024	1490	1496	1502	rVV	53651	85357	7.78%	1.021%
65	11.085	1502	1506	1511	rVB4	5597	11325	1.03%	0.135%
66	11.158	1517	1518	1520	rVB2	778	495	0.05%	0.006%
67	11.189	1520	1523	1528	rBV5	562	773	0.07%	0.009%
68	11.298	1538	1541	1544	rBV4	484	856	0.08%	0.010%
69	11.414	1557	1560	1564	rVB4	677	783	0.07%	0.009%
70	11.634	1586	1596	1603	rBV	411204	713430	64.99%	8.535%
71	11.707	1603	1608	1611	rVV4	4526	7019	0.64%	0.084%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	11.829	1621	1628	1641	rVB	51466	82286	7.50%	0.984%
73	11.951	1641	1648	1651	rBV5	4007	7033	0.64%	0.084%
74	12.164	1678	1683	1690	rVB7	3155	7462	0.68%	0.089%
75	12.329	1706	1710	1712	rBV3	762	926	0.08%	0.011%
76	12.469	1727	1733	1739	rBV4	3160	5790	0.53%	0.069%
77	12.512	1739	1740	1741	rVV	871	609	0.06%	0.007%
78	12.609	1741	1756	1763	rVV7	8213	27857	2.54%	0.333%
79	12.695	1763	1770	1778	rVB	194378	313206	28.53%	3.747%
80	12.938	1803	1810	1811	rBV3	2914	5178	0.47%	0.062%
81	12.963	1811	1814	1824	rVB	10976	19399	1.77%	0.232%
82	13.079	1830	1833	1835	rBV4	924	1304	0.12%	0.016%
83	13.158	1838	1846	1850	rBV	55588	91509	8.34%	1.095%
84	13.213	1850	1855	1862	rVV	308853	456364	41.57%	5.459%
85	13.286	1862	1867	1881	rVB	129988	218860	19.94%	2.618%
86	13.475	1895	1898	1899	rBV3	1871	2241	0.20%	0.027%
87	13.560	1905	1912	1920	rBV	293430	478520	43.59%	5.725%
88	13.646	1920	1926	1930	rBV8	3174	6758	0.62%	0.081%
89	13.731	1936	1940	1941	rBV4	1866	2161	0.20%	0.026%
90	13.853	1953	1960	1972	rBV	230697	390545	35.58%	4.672%
91	14.072	1993	1996	2002	rVB	4369	6683	0.61%	0.080%
92	14.328	2032	2038	2044	rVB8	1913	4323	0.39%	0.052%
93	14.408	2048	2051	2053	rBV3	1108	1293	0.12%	0.015%
94	14.530	2064	2071	2079	rVB7	4159	8883	0.81%	0.106%
95	14.725	2100	2103	2108	rVB5	3575	5331	0.49%	0.064%
96	14.798	2112	2115	2116	rBV2	624	507	0.05%	0.006%
97	15.017	2149	2151	2153	rVB3	650	490	0.04%	0.006%
98	15.249	2187	2189	2194	rBV6	648	1125	0.10%	0.013%
99	15.974	2306	2308	2309	rBV2	581	486	0.04%	0.006%
100	16.243	2348	2352	2353	rBV4	743	892	0.08%	0.011%

Sum of corrected areas: 8359095

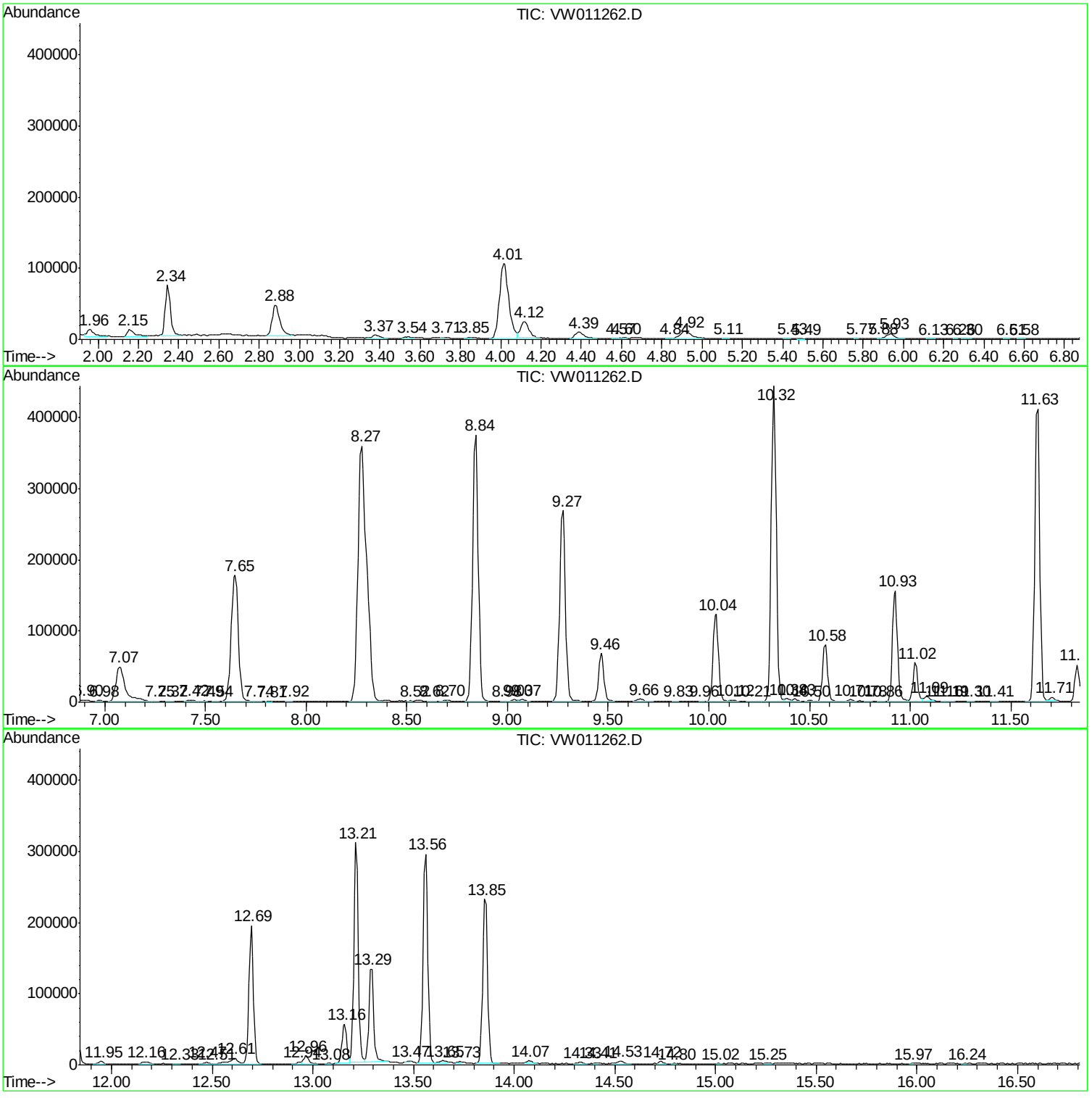
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

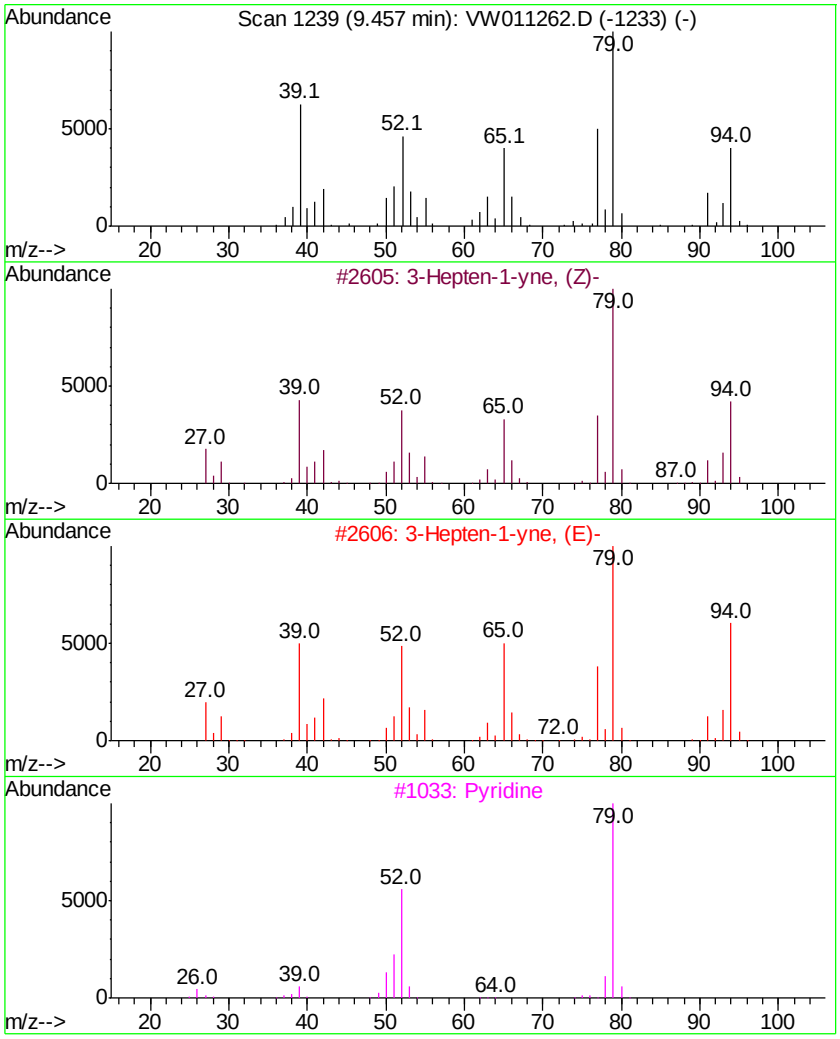
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

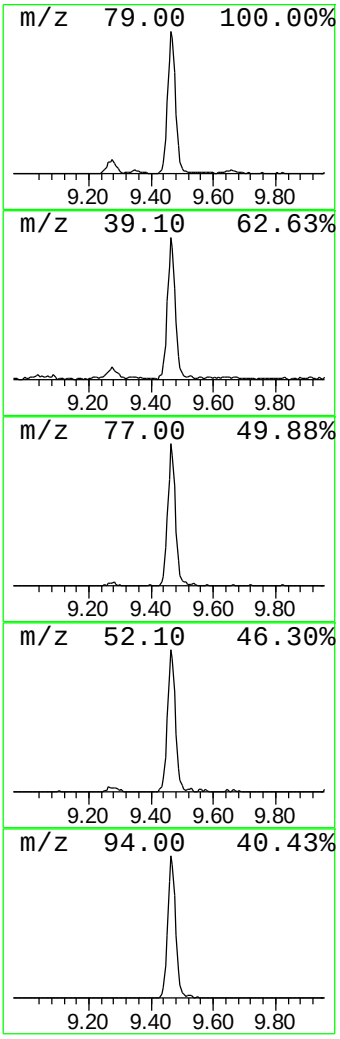
****

Peak Number 1 3-Hepten-1-yne, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.27 ug/L	124066	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hepten-1-yne, (Z)-	94	C7H10	000764-57-8	90
2	3-Hepten-1-yne, (E)-	94	C7H10	000764-58-9	87
3	Pyridine	79	C5H5N	000110-86-1	46
4	Boron, trihydro(pyridine)-, (T-4)-	93	C5H8BN	000110-51-0	35
5	1,3-Cycloheptadiene	94	C7H10	004054-38-0	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

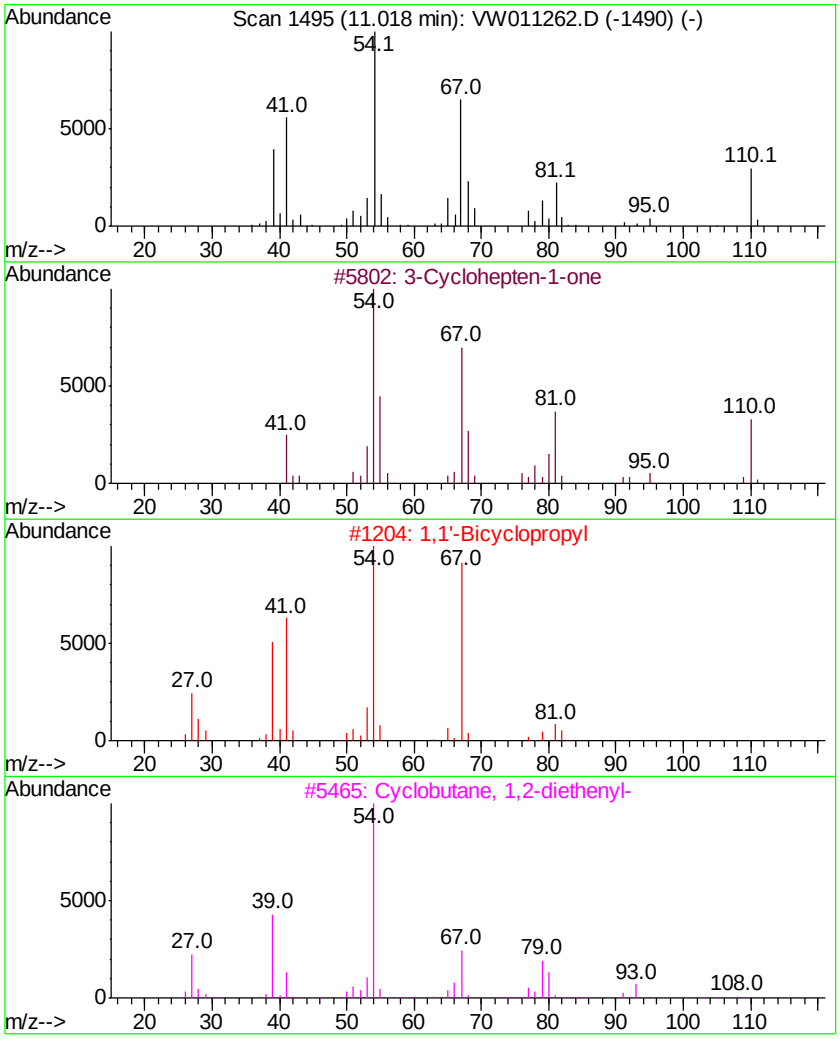
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

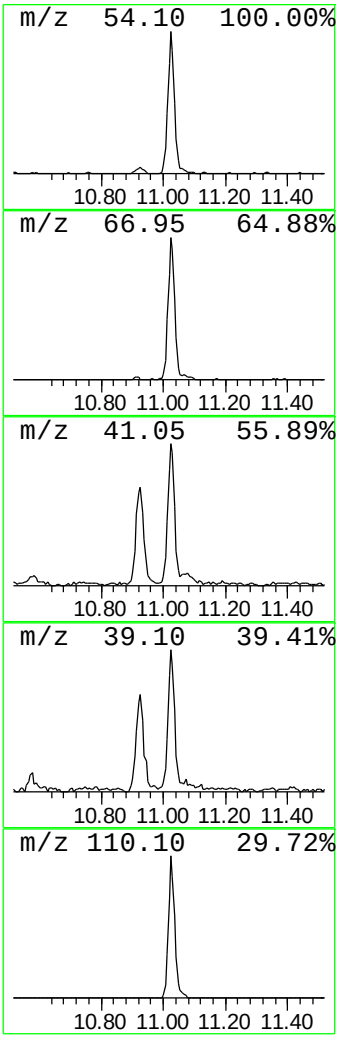
****

Peak Number 3 3-Cyclohepten-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.99 ug/L	85357	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohepten-1-one	110	C7H10O	001121-64-8	91
2	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	80
3	Cyclobutane, 1,2-diethenyl-	108	C8H12	002422-85-7	72
4	Cycloheptene	96	C7H12	000628-92-2	72
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

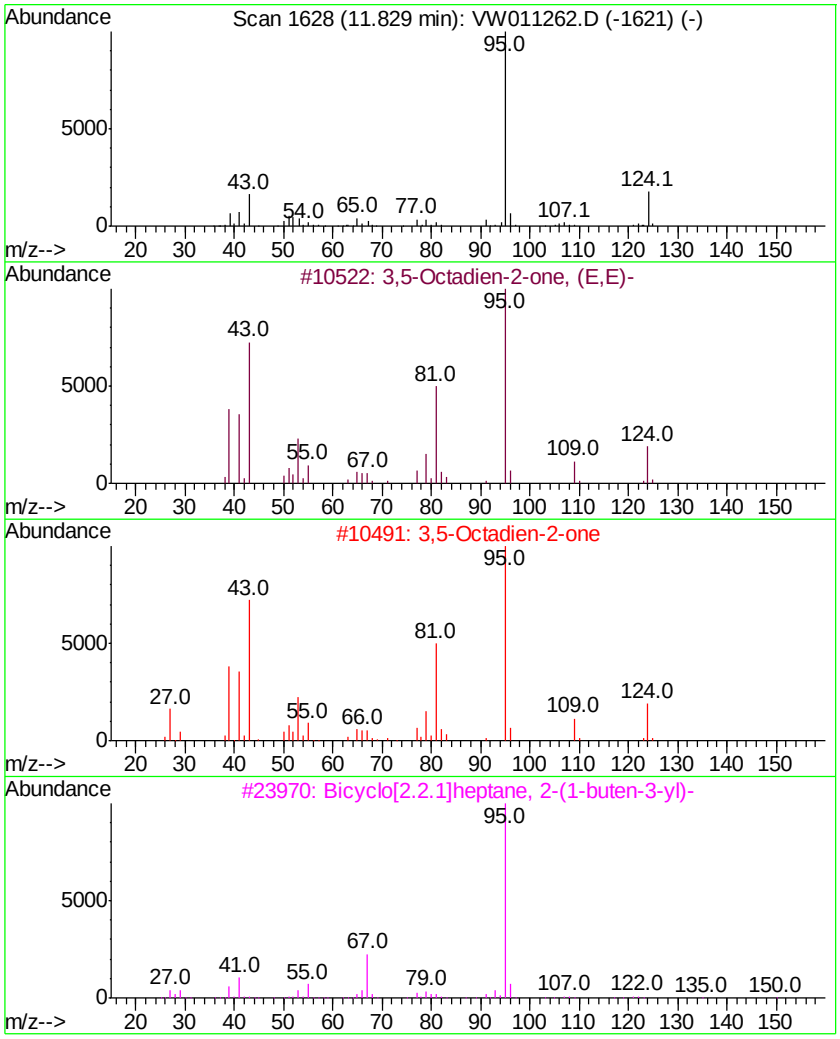
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

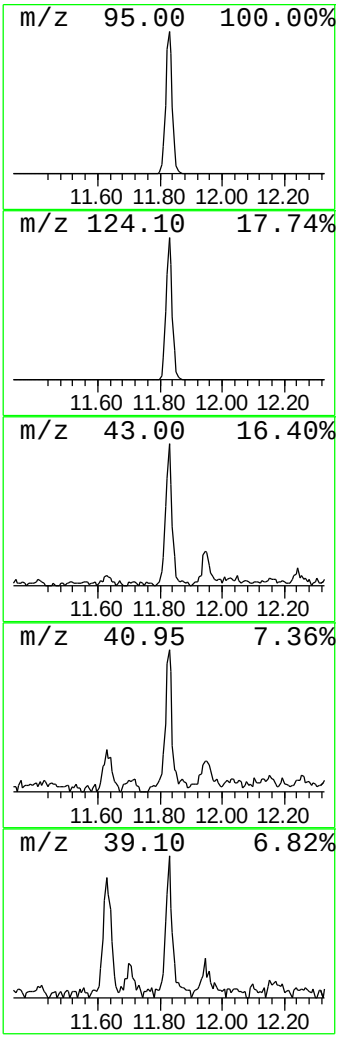
****

Peak Number 4 3,5-Octadien-2-one, (E,E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.88 ug/L	82286	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	56
2	3,5-Octadien-2-one	124	C8H12O	038284-27-4	56
3	Bicyclo[2.2.1]heptane, 2-(1-bute...	150	C11H18	055170-90-6	50
4	4-Pyridinol	95	C5H5NO	000626-64-2	45
5	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

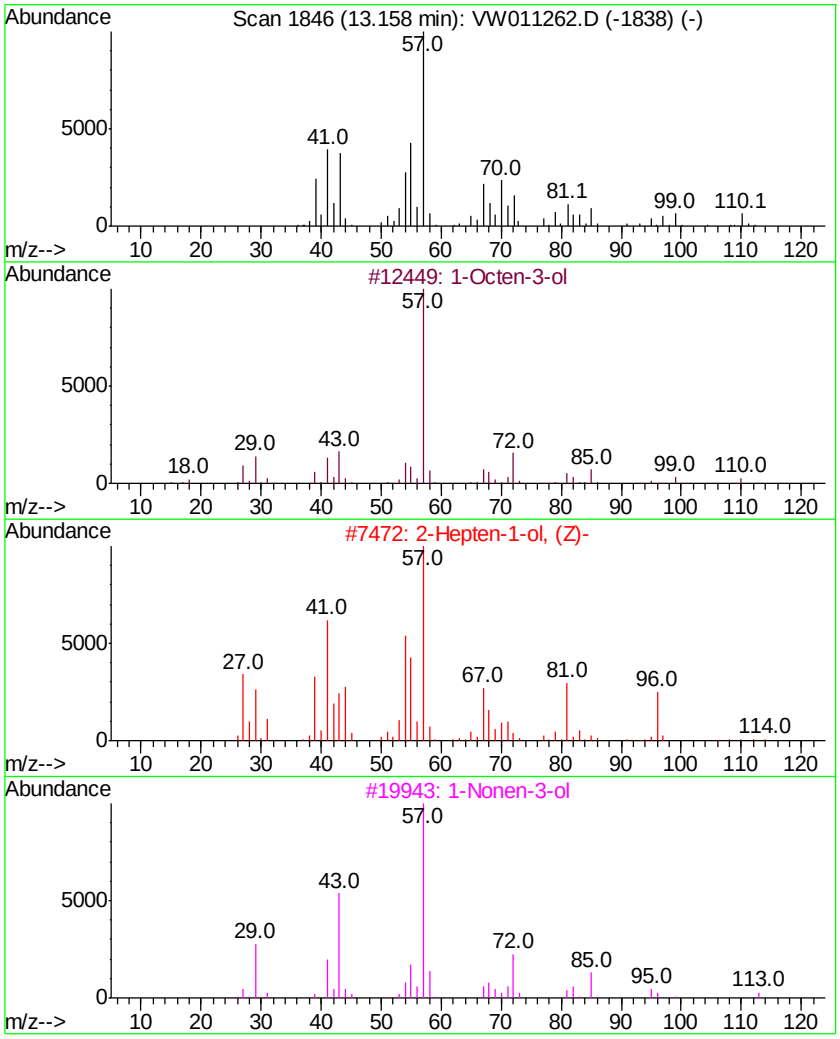
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

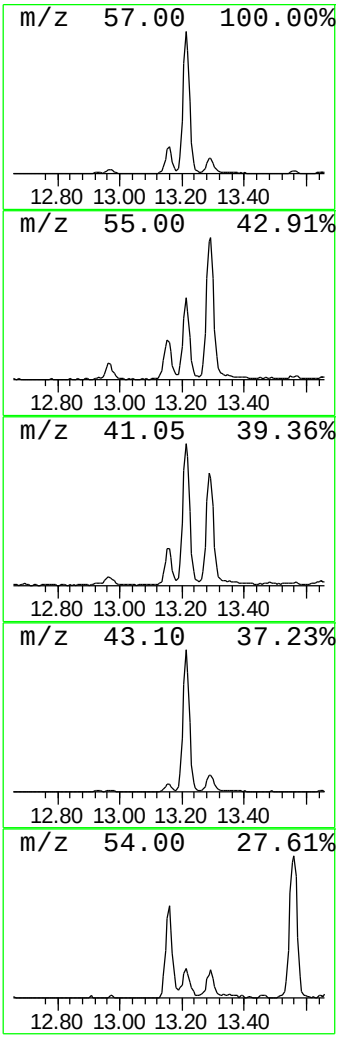
****

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.78 ug/L	91509	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-ol	128	C8H16O	003391-86-4	38
2	2-Hepten-1-ol, (Z)-	114	C7H14O	055454-22-3	32
3	1-Nonen-3-ol	142	C9H18O	021964-44-3	27
4	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	27
5	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

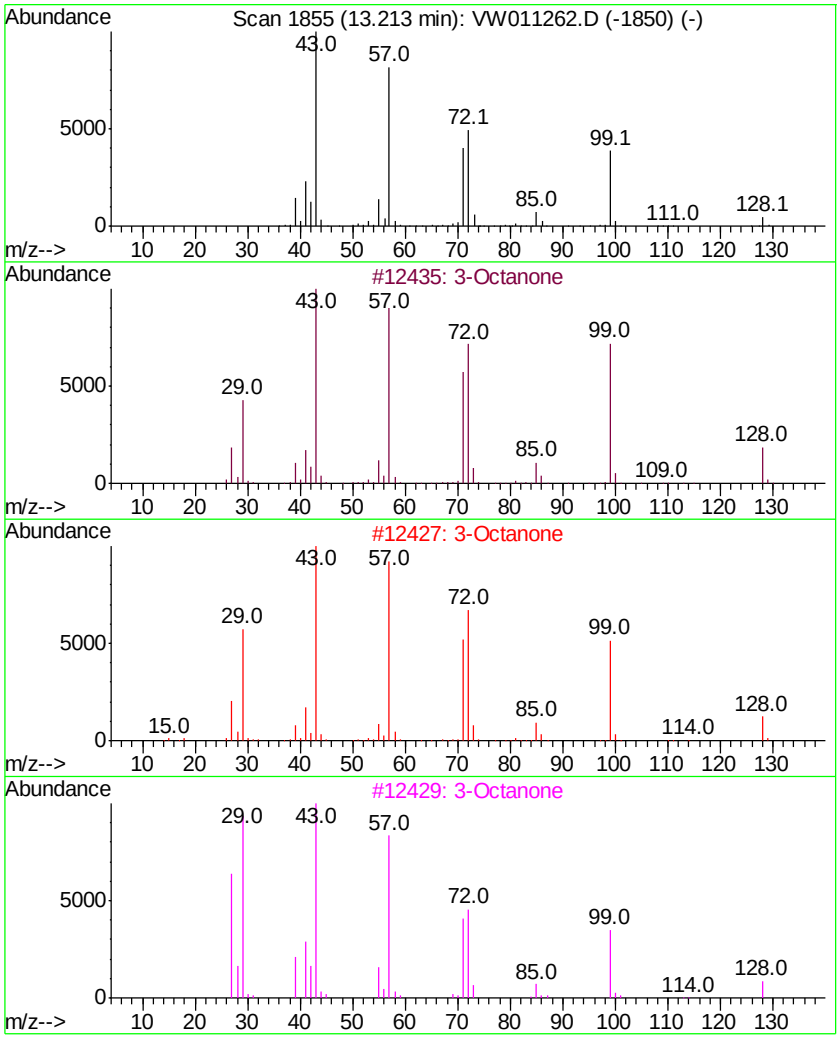
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

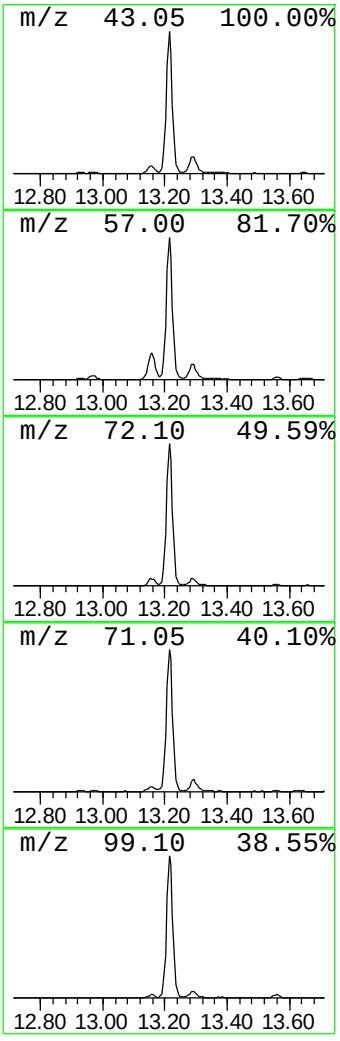
****

Peak Number 7 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	23.84 ug/L	456364	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	94
2	3-Octanone	128	C8H16O	000106-68-3	72
3	3-Octanone	128	C8H16O	000106-68-3	64
4	Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	50
5	3-Octanone	128	C8H16O	000106-68-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

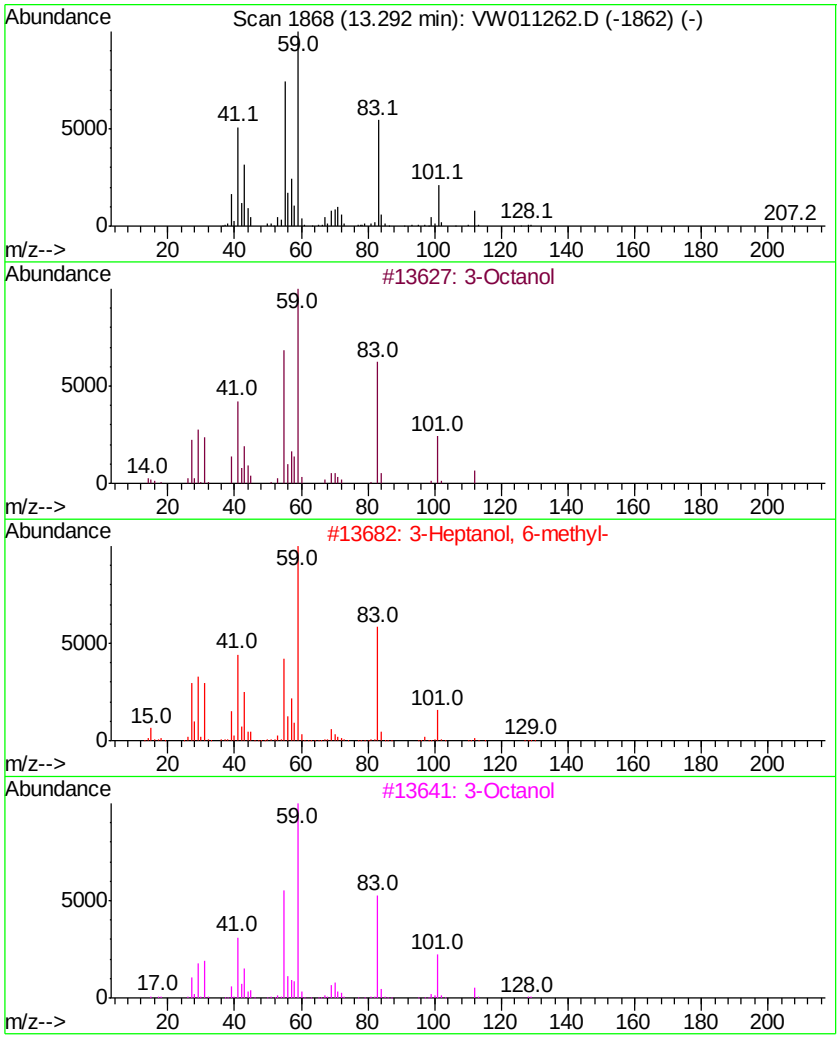
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

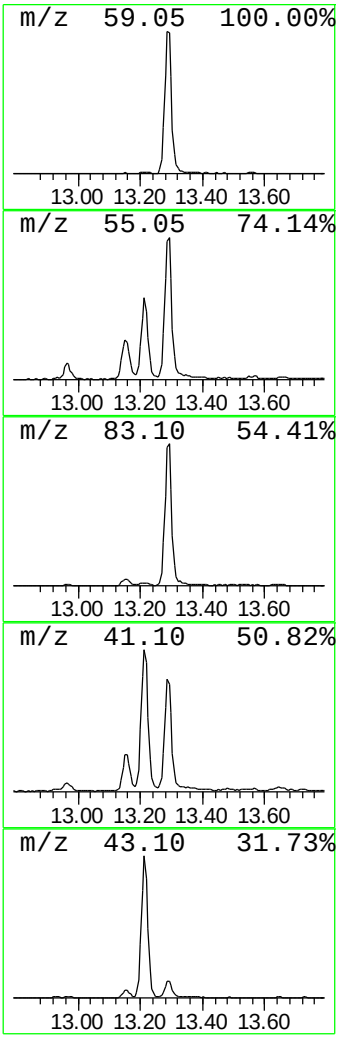
****

Peak Number 8 3-Octanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.43 ug/L	218860	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	80
2	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	64
3	3-Octanol	130	C8H18O	000589-98-0	64
4	3-Octanol	130	C8H18O	000589-98-0	59
5	3-Octanol	130	C8H18O	000589-98-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11RE
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
3-Hepten-1-yne, (Z)-	9.46	4.3	ug/L	124066	1	8.84	725637	25.0
3-Cyclohepten-1-one	11.02	3.0	ug/L	85357	2	11.63	713430	25.0
3,5-Octadien-2-on...	11.83	2.9	ug/L	82286	2	11.63	713430	25.0
unknown-01	13.16	4.8	ug/L	91509	3	13.56	478520	25.0
3-Octanone	13.21	23.8	ug/L	456364	3	13.56	478520	25.0
3-Octanol	13.29	11.4	ug/L	218860	3	13.56	478520	25.0