LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82W022119S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.032	177	185	195	rVB	569848	1193231	22.18%	1.021%
2	3.391	235	244	253	rBV	337198	738499	13.72%	0.632%
3	4.952	477	500	517	rBV	730920	3271149	60.79%	2.800%
4	5.434	565	579	595	rBV	528947	1758455	32.68%	1.505%
5	5.940	649	662	679	rBV2	438248	1307097	24.29%	1.119%
6	6.720	777	790	800	rBV3	76453	271791	5.05%	0.233%
7	6.872	804	815	825	rVV	382104	1146262	21.30%	0.981%
8	6.976	825	832	840	rVV2	69638	200477	3.73%	0.172%
9	7.153	851	861	874	rVB	163456	475393	8.84%	0.407%
10	7.696	944	950	959	rVB2	73491	198632	3.69%	0.170%
11	7.921	970	987	998	rBV3	1598560	5380712	100.00%	4.606%
12	8.031	998	1005	1015	rVB	1093631	2653466	49.31%	2.271%
13	8.153	1015	1025	1033	rBV	1827382	4104697	76.29%	3.514%
14	8.305	1044	1050	1061	rVB	244337	555605	10.33%	0.476%
15	8.433	1061	1071	1072	rBV2	555203	1066352	19.82%	0.913%
16	8.476	1073	1078	1089	rVB	1637581	4479060	83.24%	3.834%
17	8.573	1089	1094	1103	rVB	355413	785820	14.60%	0.673%
18	8.695	1103	1114	1124	rVB	1010790	2038666	37.89%	1.745%
19	8.842	1127	1138	1149	rBV2	923538	2185063	40.61%	1.870%
20	9.146	1180	1188	1199	rVB3	86410	256415	4.77%	0.219%
21	9.329	1203	1218	1223	rBV	1595197	4083040	75.88%	3.495%
22	9.384	1223	1227	1234	rVB	659439	1216620	22.61%	1.041%
23	9.463	1234	1240	1244	rBV	140254	281009	5.22%	0.241%
24	9.518	1244	1249	1254	rVB	233234	436301	8.11%	0.373%
25	9.610	1254	1264	1271	rVB3	306669	812454	15.10%	0.695%
26	9.756	1280	1288	1299	rBV	1267867	2646451	49.18%	2.265%
27	9.890	1299	1310	1316	rBV	1858864	4038391	75.05%	3.457%
28	9.957	1316	1321	1325	rBV	1506872	2686763	49.93%	2.300%
29	10.098	1334	1344	1355	rBV	1753121	3974380	73.86%	3.402%
30	10.250	1362	1369	1374	rVV2	605542	1151103	21.39%	0.985%
31	10.323	1374	1381	1392	rVV2	1739583	3668920	68.19%	3.141%
32	10.445	1392	1401	1404	rVV3	291647	721399	13.41%	0.618%
33	10.506	1404	1411	1417	rVV5	914846	2165829	40.25%	1.854%
34	10.567	1417	1421	1425	rVV2	145204	274419	5.10%	0.235%

LSC Area Percent Report

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Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Title : SW846 8260

35	10.664	1432	1437	1445	rVV2	273514	611248	11.36%	0.523%
36	10.756	1445	1452	1462	rVV5	589612	1731965	32.19%	1.483%
37	10.847	1462	1467	1472	rVB	332700	576405	10.71%	0.493%
38	10.933	1472	1481	1487	rBV2	371654	744249	13.83%	0.637%
39	10.994	1487	1491	1493	rVV2	137811	208041	3.87%	0.178%
40	11.036	1493	1498	1506	rVV	519689	1224802	22.76%	1.048%
41	11.103	1506	1509	1512	rVV3	228526	391841	7.28%	0.335%
42	11.140	1512	1515	1518	rVV3	277722	494144	9.18%	0.423%
43	11.177	1518	1521	1525	rVV	410331	710533	13.21%	0.608%
44	11.231	1525	1530	1535	rVV	407415	884100	16.43%	0.757%
45	11.286	1535	1539	1543	rVV5	225226	453924	8.44%	0.389%
46	11.341	1543	1548	1551	rVV2	360539	641426	11.92%	0.549%
47	11.408	1551	1559	1571	rVV	1365097	3414600	63.46%	2.923%
48	11.512	1571	1576	1586	rVV	1133940	1956152	36.35%	1.675%
49	11.628	1589	1595	1602	rVV	1059219	1984828	36.89%	1.699%
50	11.695	1603	1606	1608	rVV2	121636	191941	3.57%	0.164%
51	11.731	1608	1612	1615	rVV3	263247	481223	8.94%	0.412%
52	11.768	1615	1618	1620	rVV2	155403	240552	4.47%	0.206%
53	11.817	1620	1626	1628	rVV4	255152	592607	11.01%	0.507%
54	11.847	1628	1631	1633	rVV2	329664	540919	10.05%	0.463%
55	11.872	1633	1635	1640	rVV3	347436	594741	11.05%	0.509%
56	11.914	1640	1642	1647	rVB2	172551	243859	4.53%	0.209%
57	12.067	1662	1667	1673	rVB4	154661	298014	5.54%	0.255%
58	12.134	1673	1678	1685	rBV3	387260	825898	15.35%	0.707%
59	12.256	1693	1698	1702	rVB	306022	507024	9.42%	0.434%
60	12.335	1702	1711	1714	rBV4	272098	659267	12.25%	0.564%
61	12.512	1730	1740	1742	rVV7	248902	696456	12.94%	0.596%
62	12.542	1742	1745	1747	rVV	348740	542389	10.08%	0.464%
63	12.573	1747	1750	1753	rVV	417247	725021	13.47%	0.621%
64	12.615	1753	1757	1761	rVV2	913835	1694451	31.49%	1.450%
65	12.652	1761	1763	1767	rVV	430403	490608	9.12%	0.420%
66	12.701	1767	1771	1776	rVB4	140930	230204	4.28%	0.197%
67	12.804	1776	1788	1793	rBV	474770	903001	16.78%	0.773%
68	12.932	1803	1809	1816	rBV4	305273	604623	11.24%	0.518%
69	13.170	1845	1848	1855	rVB5	138685	251921	4.68%	0.216%
70	13.371	1874	1881	1886	rBV3	302808	831276	15.45%	0.712%
71	13.487	1897	1900	1903	rVV3	159021	219950	4.09%	0.188%

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Title : SW846 8260

72	13.560	1907	1912	1917	rVV	1127492	1784229	33.16%	1.527%
73	13.627	1920	1923	1930	rVB3	234752	366323	6.81%	0.314%
74	13.719	1933	1938	1943	rBV	717903	1166924	21.69%	0.999%
75	13.822	1947	1955	1960	rVB2	608105	1517697	28.21%	1.299%
76	13.883	1960	1965	1970	rBV3	245210	406774	7.56%	0.348%
77	13.950	1970	1976	1984	rVB	536573	850342	15.80%	0.728%
78	14.097	1994	2000	2008	rBV	1778861	2804942	52.13%	2.401%
79	14.207	2013	2018	2024	rVB4	553010	974900	18.12%	0.835%
80	14.286	2024	2031	2036	rBV5	191925	456895	8.49%	0.391%
81	14.347	2036	2041	2045	rBV4	126400	226854	4.22%	0.194%
82	14.426	2045	2054	2059	rVB	901305	1697026	31.54%	1.453%
83	14.505	2062	2067	2071	rBV	701869	1054828	19.60%	0.903%
84	14.542	2071	2073	2077	rVV	153234	188391	3.50%	0.161%
85	14.645	2086	2090	2094	rVB	273512	403195	7.49%	0.345%
86	14.694	2094	2098	2102	rBV3	324322	679688	12.63%	0.582%
87	14.737	2102	2105	2110	rVB	451137	650473	12.09%	0.557%
88	14.798	2110	2115	2122	rBV4	690592	1712771	31.83%	1.466%
89	14.859	2122	2125	2132	rVB	553611	853671	15.87%	0.731%
90	15.072	2154	2160	2164	rVV2	1054087	1709950	31.78%	1.464%
91	15.109	2164	2166	2172	rVB	339093	441603	8.21%	0.378%
92	15.182	2172	2178	2185	rVB3	841590	1866585	34.69%	1.598%
93	15.334	2197	2203	2208	rBV4	172342	380503	7.07%	0.326%
94	15.475	2221	2226	2231	rVV	378350	727672	13.52%	0.623%
95	15.529	2231	2235	2250	rVB3	267887	763158	14.18%	0.653%
96	15.664	2250	2257	2264	rBV	446589	894428	16.62%	0.766%
97	15.828	2274	2284	2295	rBV4	207571	770954	14.33%	0.660%
98	15.956	2300	2305	2310	rVB	162076	266847	4.96%	0.228%
99	16.029	2310	2317	2323	rBV3	152360	380902	7.08%	0.326%
100	16.450	2380	2386	2391	rBV2	102978	202896	3.77%	0.174%

Sum of corrected areas: 116819545

LSC Report - Integrated Chromatogram

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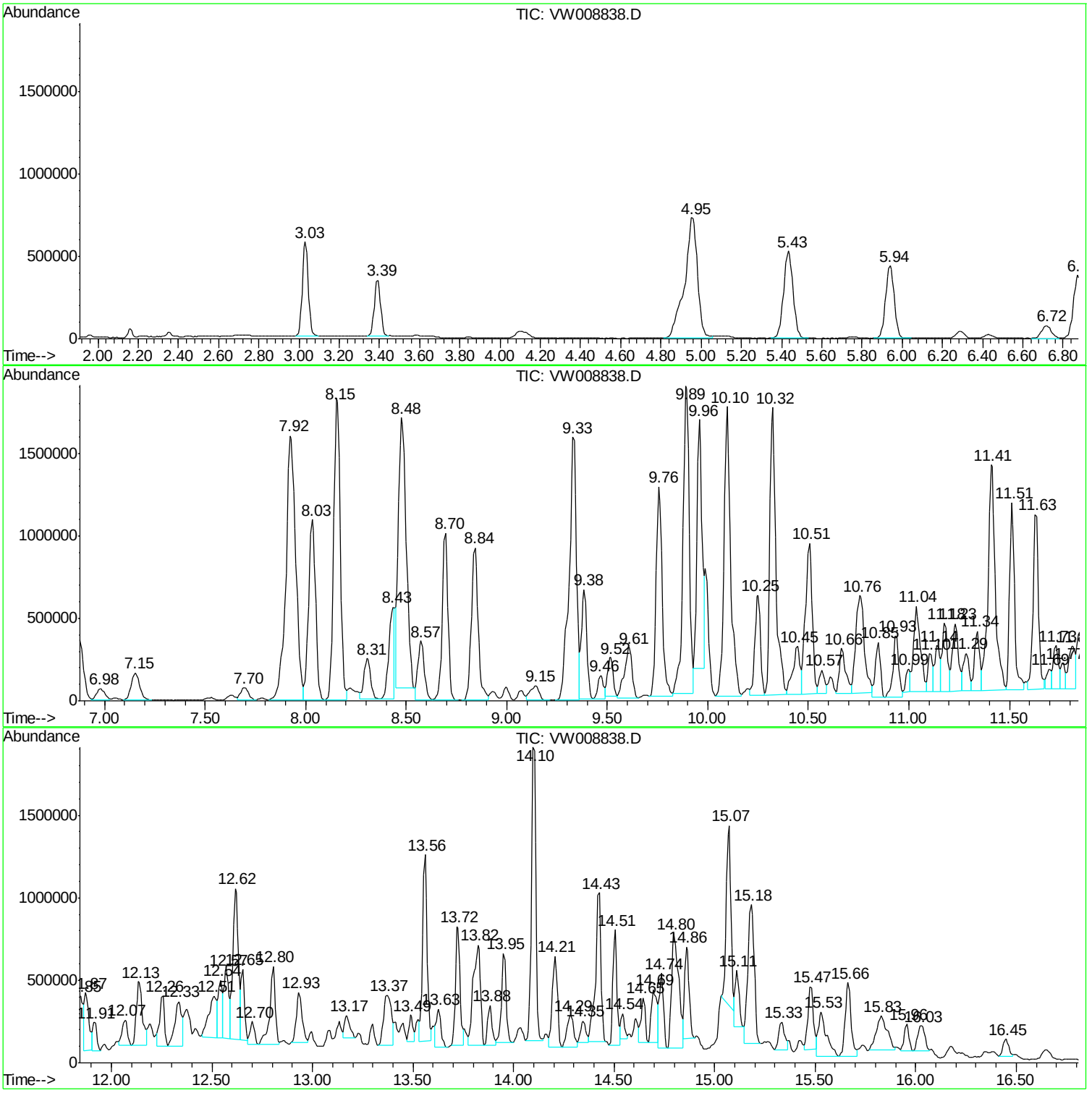
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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



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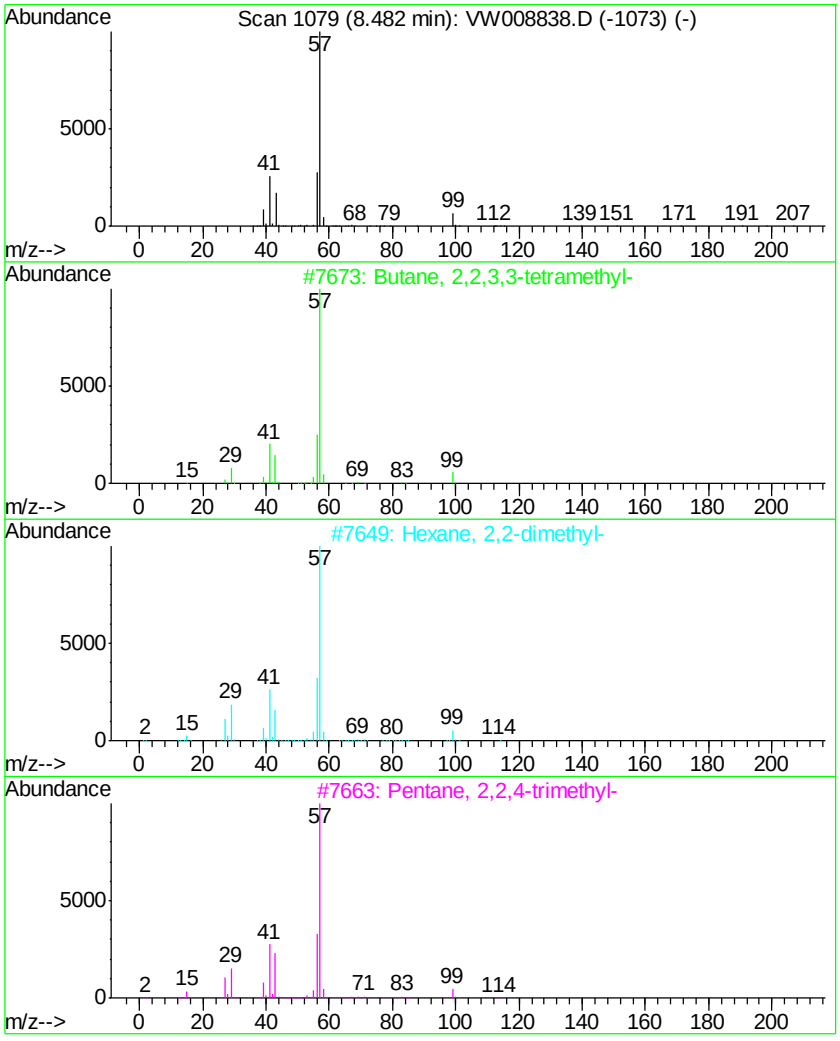
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

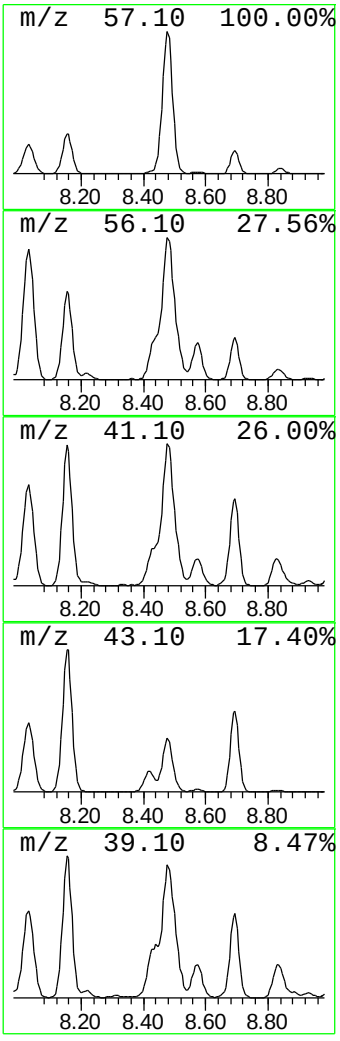
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	102.49 ug/l	4479060	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	9
5	Octane, 3-methyl-	128	C9H20	002216-33-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022619\
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Operator : SY/VA
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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

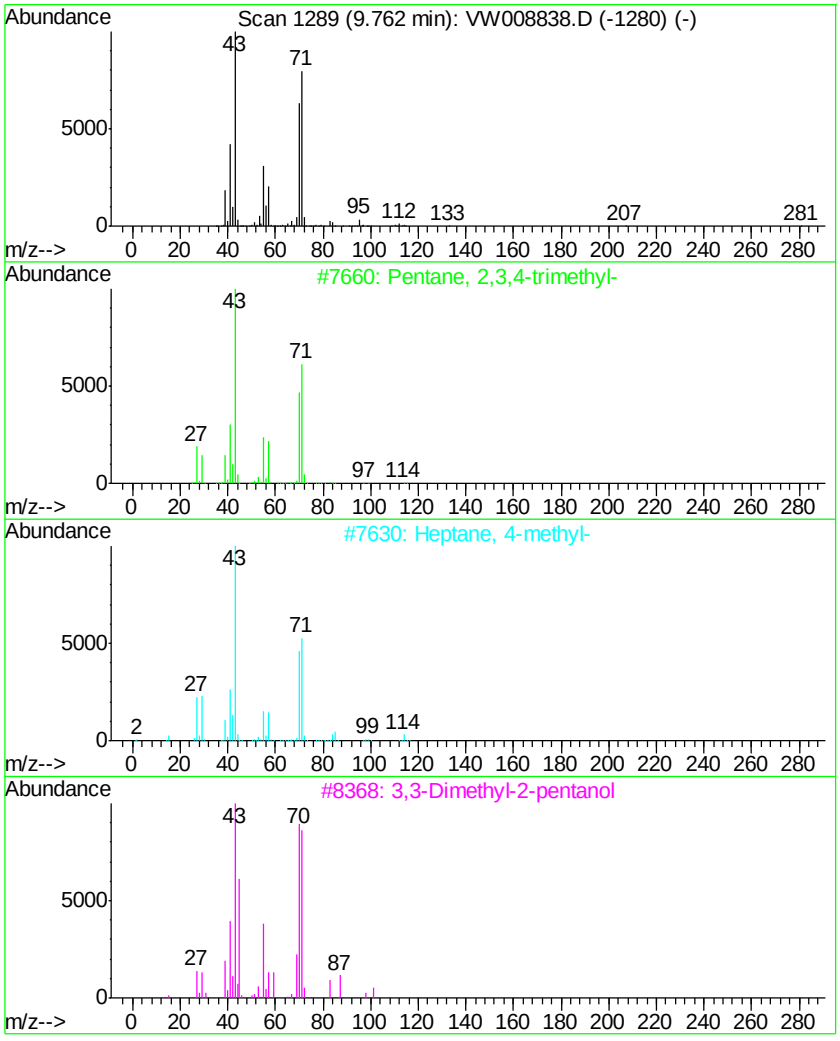
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

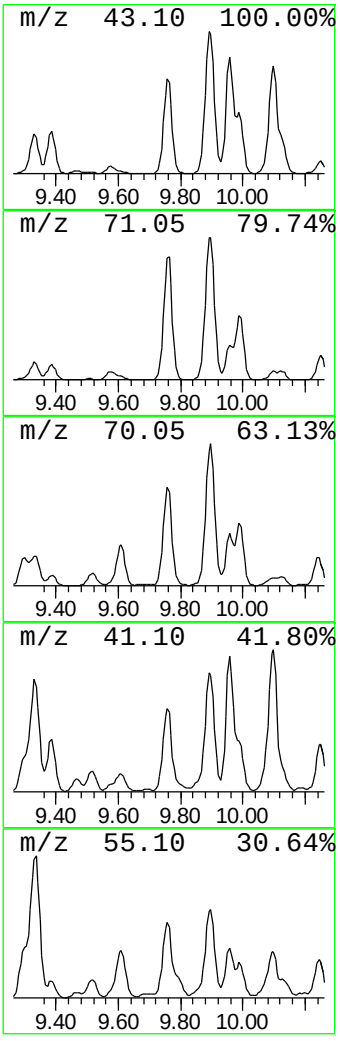
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	60.56 ug/l	2646450	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	59





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

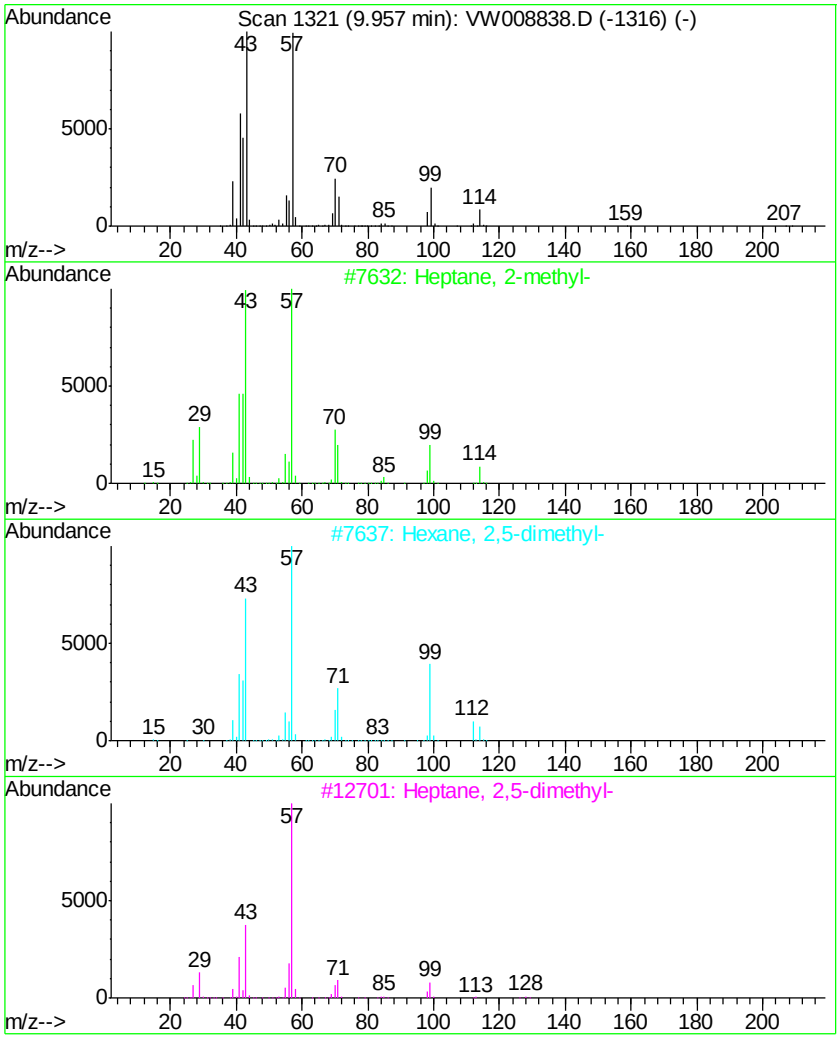
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

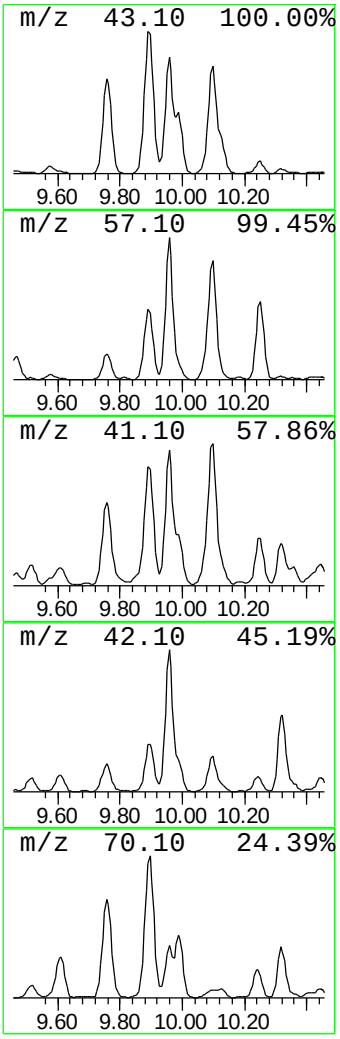
****

Peak Number 4 Heptane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	61.48 ug/l	2686760	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
4	1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	32
5	Sulfurous acid, 2-propyl heptyl ...	222	C10H22O3S	1000309-11-8	32





Library Search Compound Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

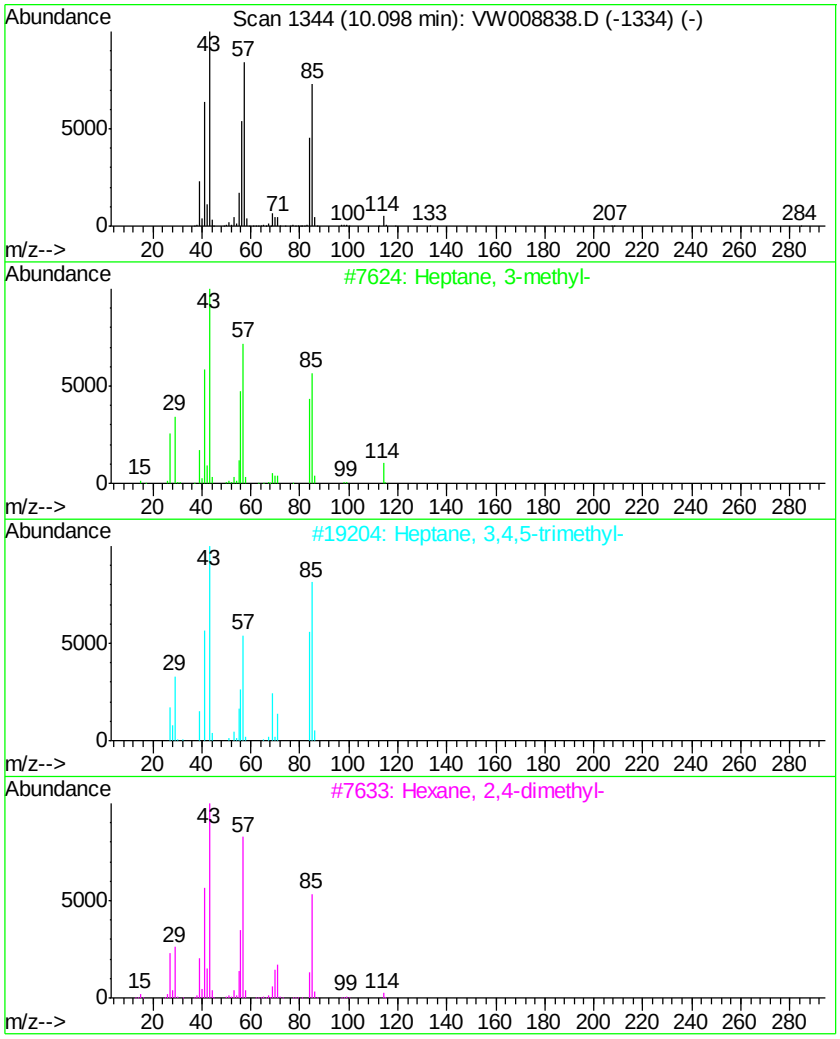
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

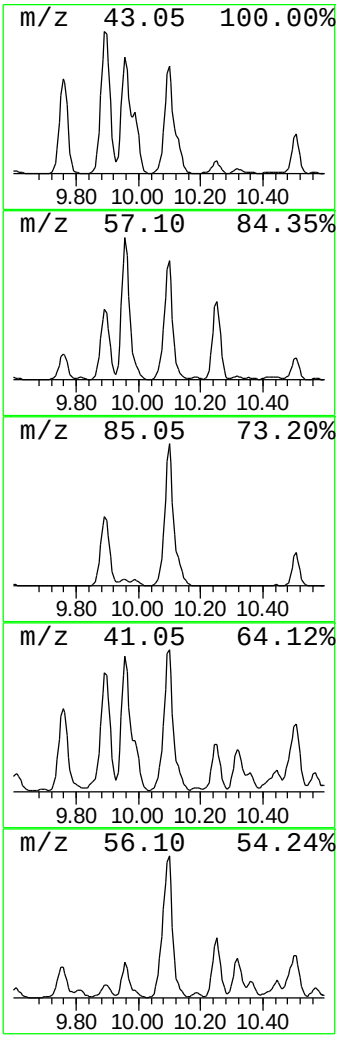
****

Peak Number 5 Heptane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	90.94 ug/l	3974380	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





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Data File : VW008838.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

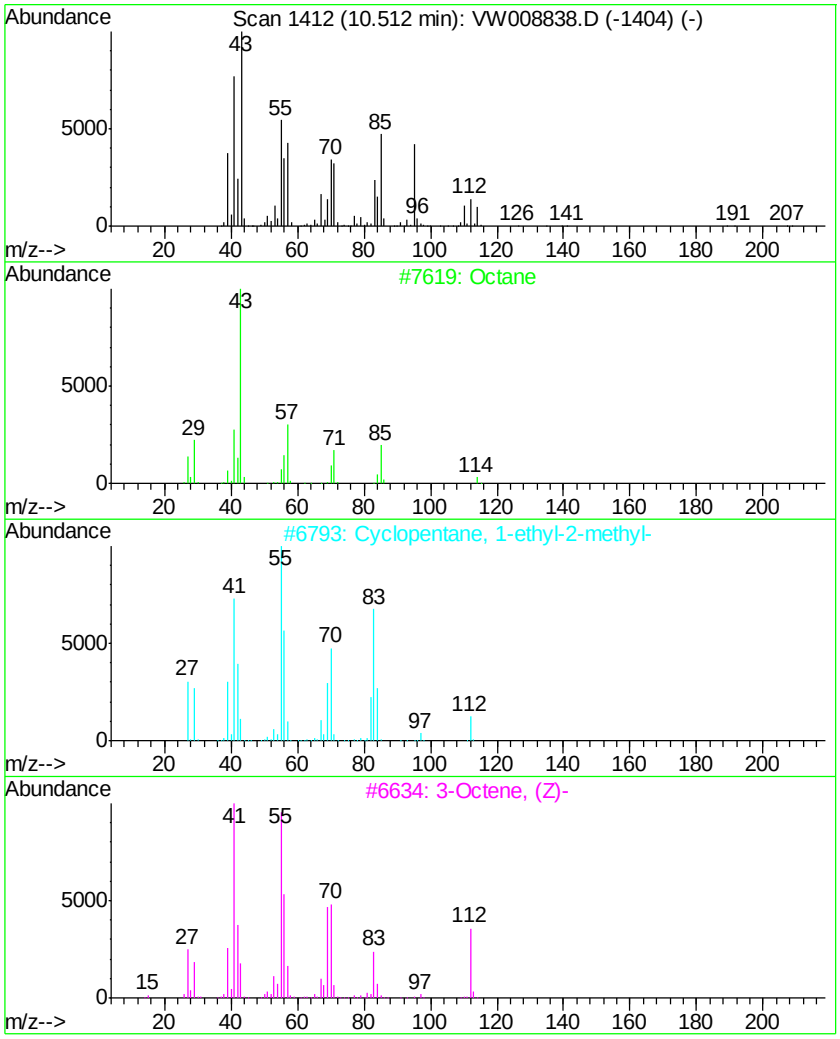
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

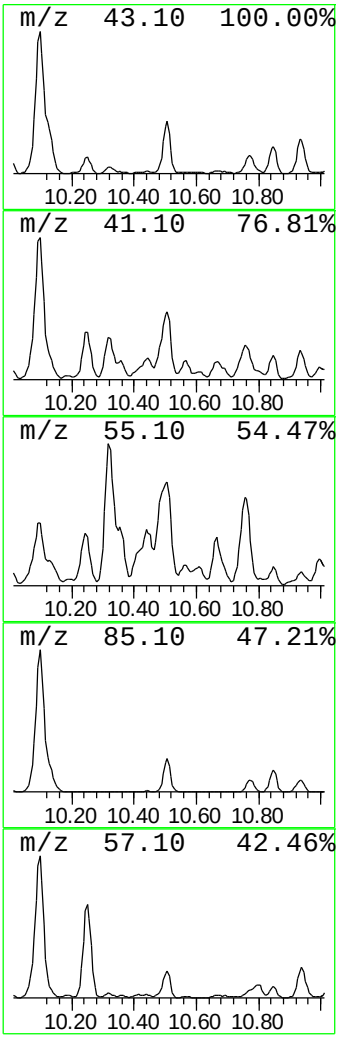
****

Peak Number 6 Octane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	54.56 ug/l	2165830	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	52
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	41
3	3-Octene, (Z)-	112	C8H16	014850-22-7	41
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

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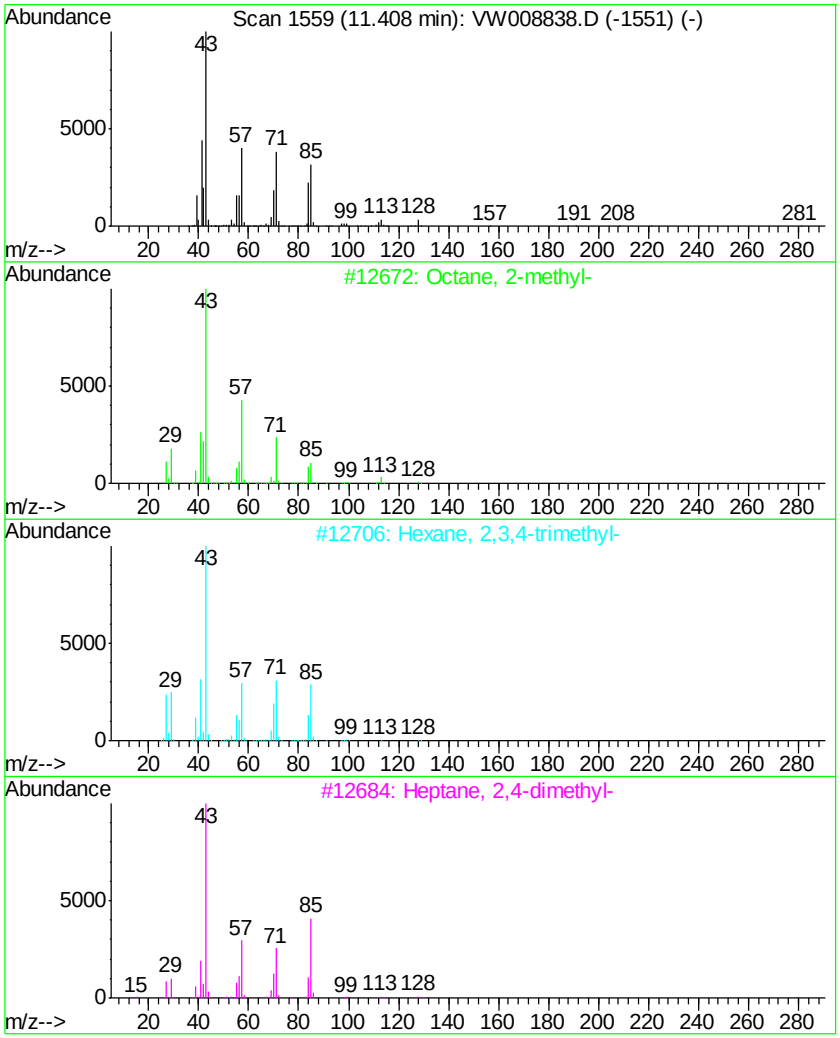
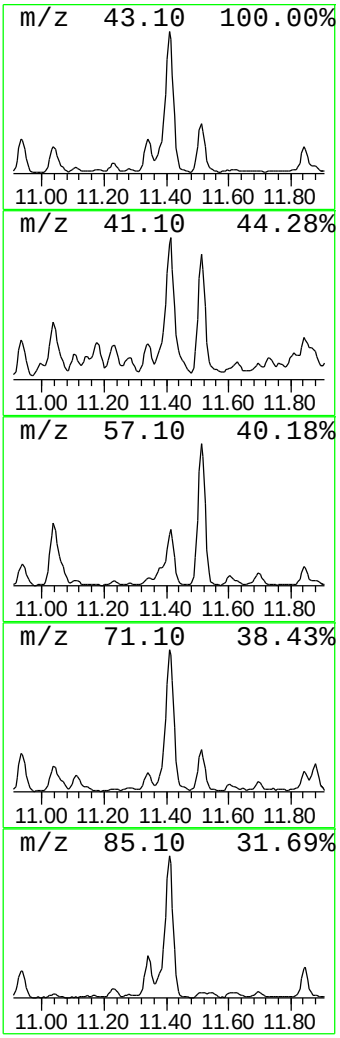
Peak Number 7 Octane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	86.02 ug/l	3414600	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

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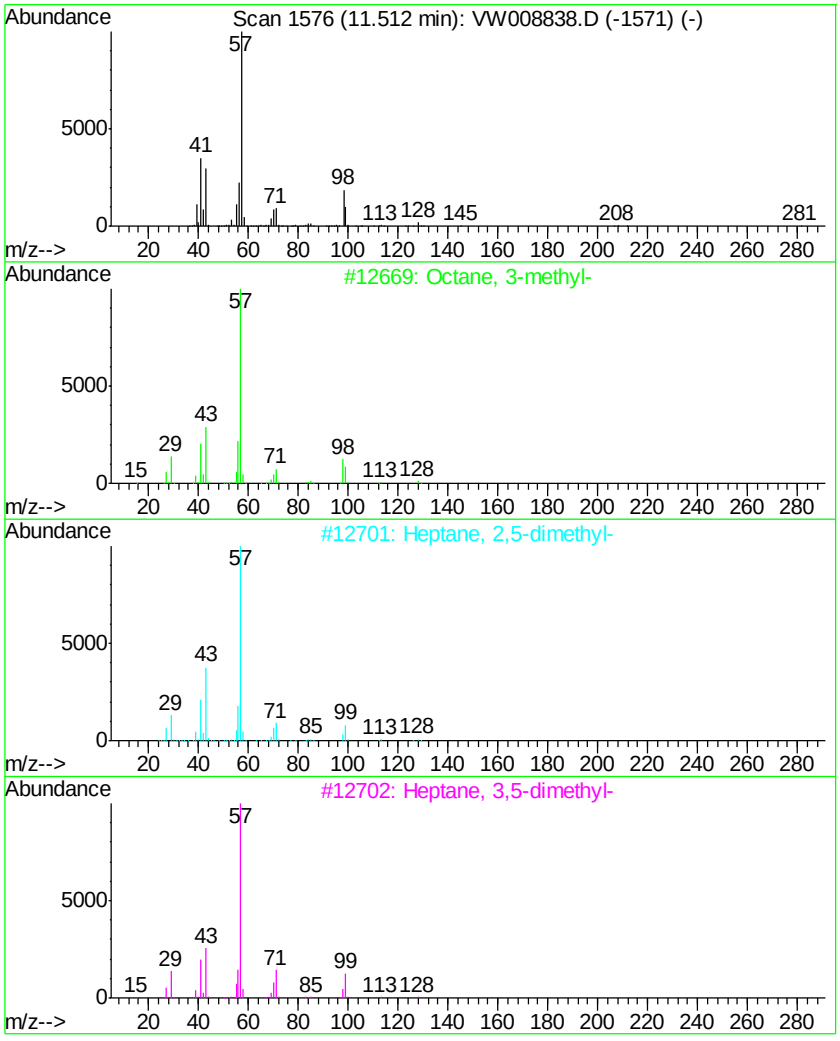
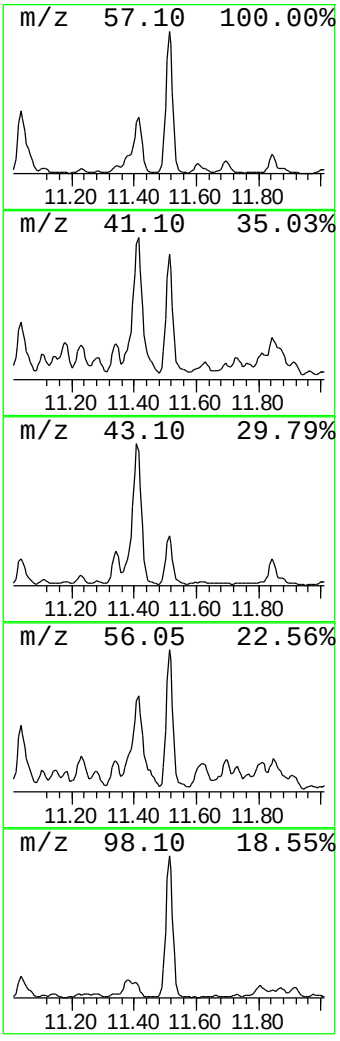
Peak Number 8 Octane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	49.28 ug/l	1956150	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
4	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	53
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

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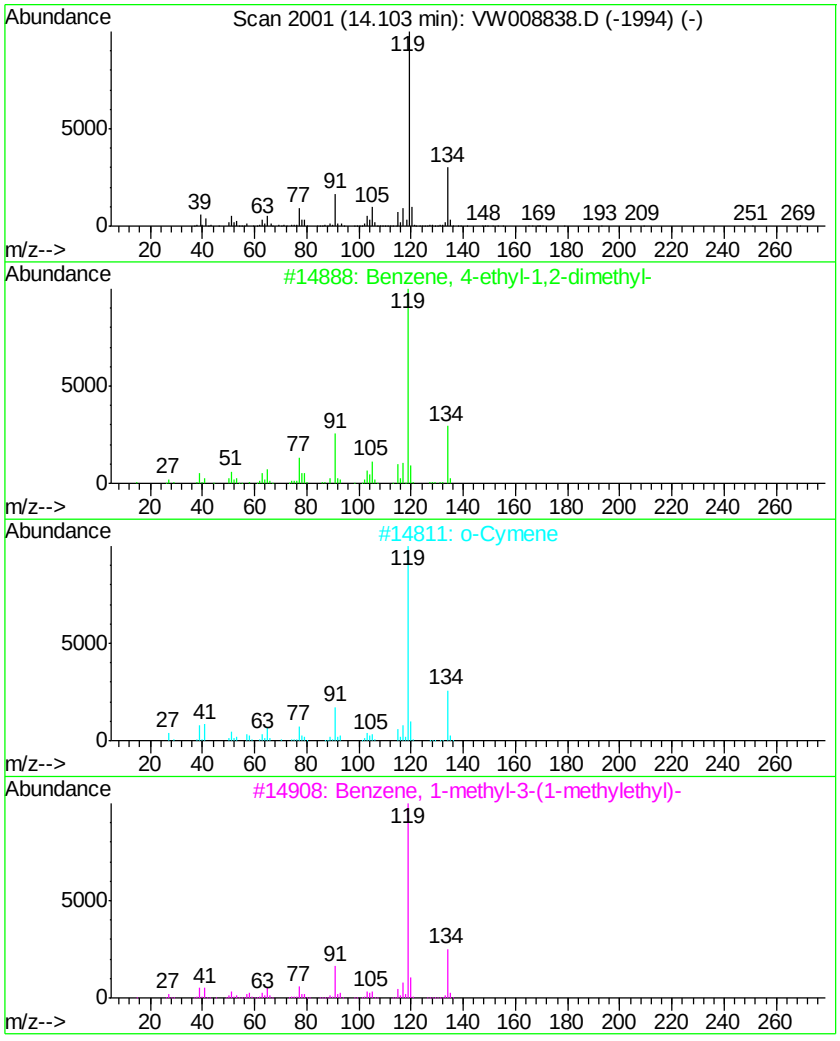
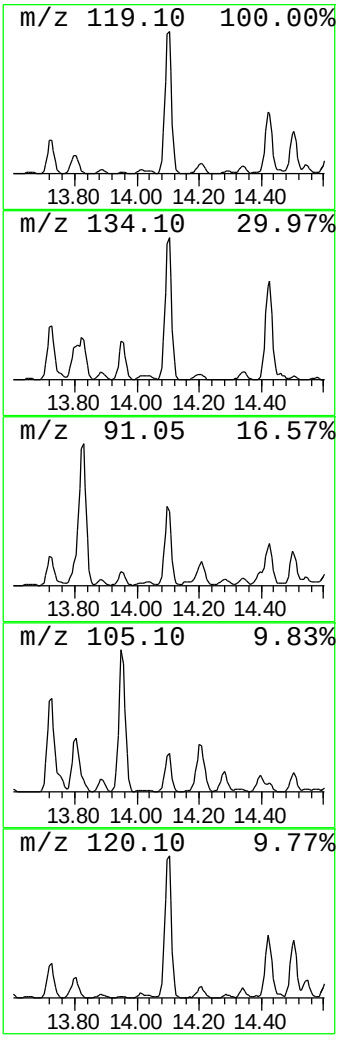
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	78.60 ug/l	2804940	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

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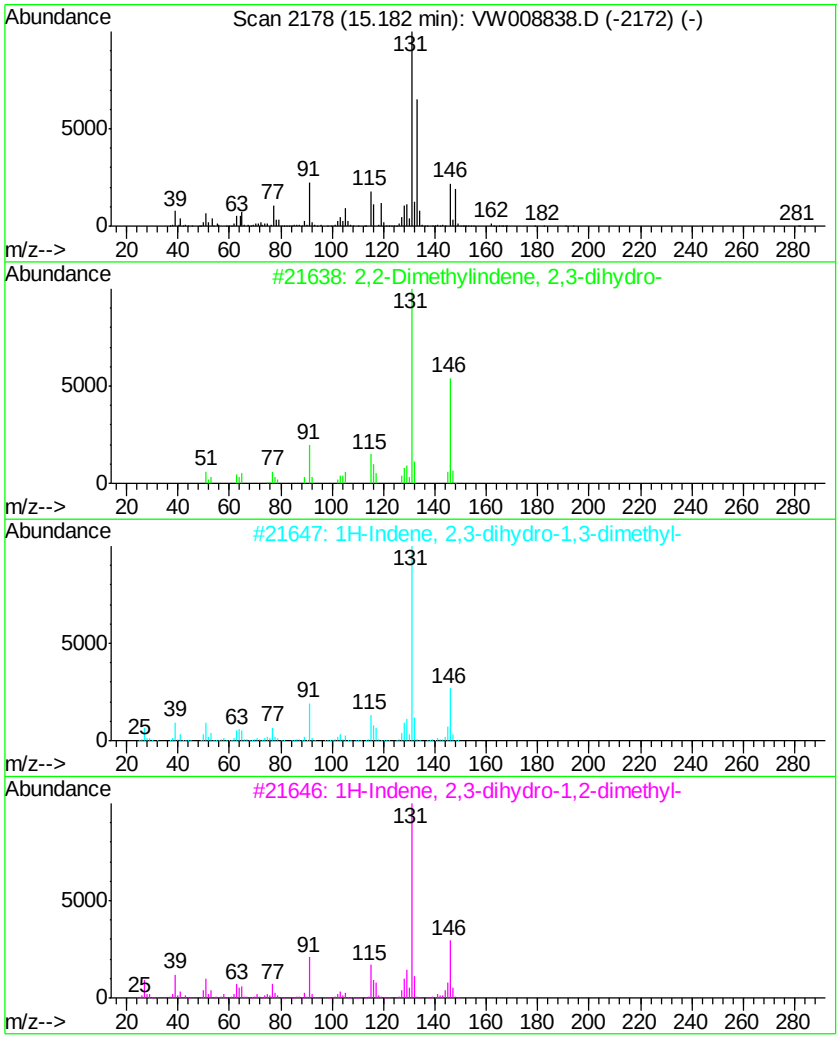
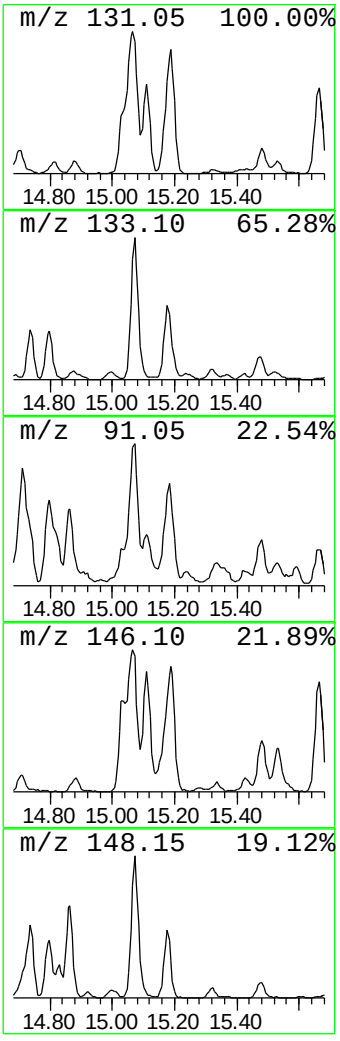
Peak Number 10 2,2-Dimethylindene, 2,3-dih... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	52.31 ug/l	1866590	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022619\
Data File : VW008838.D
Acq On : 26 Feb 2019 18:37
Operator : SY/VA
Sample : K1594-28
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-3(8-9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3-t...	8.48	102.5	ug/l	4479060	2	8.84	2185060	50.0
Pentane, 2,3,4-tr...	9.76	60.6	ug/l	2646450	2	8.84	2185060	50.0
Heptane, 2-methyl-	9.96	61.5	ug/l	2686760	2	8.84	2185060	50.0
Heptane, 3-methyl-	10.10	90.9	ug/l	3974380	2	8.84	2185060	50.0
Octane	10.51	54.6	ug/l	2165830	3	11.63	1984830	50.0
Octane, 2-methyl-	11.41	86.0	ug/l	3414600	3	11.63	1984830	50.0
Octane, 3-methyl-	11.51	49.3	ug/l	1956150	3	11.63	1984830	50.0
Benzene, 4-ethyl-...	14.10	78.6	ug/l	2804940	4	13.56	1784230	50.0
2,2-Dimethylinden...	15.18	52.3	ug/l	1866590	4	13.56	1784230	50.0