LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NYPD-69TH-WC-1

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_D\Method\82D100521S.M
Title : SW846 8260

Signal : TIC: VD070689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.008	499	525	542	rBV2	1836317	8411509	8.78%	0.481%
2	5.485	590	606	624	rBV	1634765	5566794	5.81%	0.319%
3	5.991	678	692	710	rBV	1619041	4909740	5.13%	0.281%
4	6.920	837	850	859	rVV	2319847	7080337	7.39%	0.405%
5	7.026	859	868	887	rVB	2068521	6171547	6.44%	0.353%
6	7.955	1007	1026	1036	rBV3	7126841	21184469	22.12%	1.212%
7	8.061	1036	1044	1055	rVB	7774869	19374438	20.23%	1.109%
8	8.185	1055	1065	1073	rBV	9703899	21971877	22.94%	1.257%
9	8.508	1102	1120	1130	rBV2	29471683	88469646	92.38%	5.063%
10	8.597	1130	1135	1145	rVB	2416239	5581556	5.83%	0.319%
11	8.720	1145	1156	1168	rVB	5498645	11803239	12.32%	0.675%
12	8.855	1170	1179	1186	rBV2	3603833	8900092	9.29%	0.509%
13	9.138	1222	1227	1247	rVB2	946611	3142744	3.28%	0.180%
14	9.349	1247	1263	1268	rBV	14996064	37740031	39.41%	2.160%
15	9.402	1268	1272	1280	rVV	9098429	17227032	17.99%	0.986%
16	9.485	1280	1286	1290	rVV	3370202	6741940	7.04%	0.386%
17	9.532	1290	1294	1300	rVV	2494728	4750597	4.96%	0.272%
18	9.626	1300	1310	1317	rVB3	2961681	7479674	7.81%	0.428%
19	9.779	1327	1336	1346	rVB	33562794	71127835	74.27%	4.070%
20	9.908	1346	1358	1365	rBV	43227974	95768771	100.00%	5.481%
21	9.973	1365	1369	1372	rBV	7112077	11275714	11.77%	0.645%
22	10.108	1383	1392	1404	rBV	14568743	37683910	39.35%	2.157%
23	10.261	1412	1418	1424	rVB2	13490980	24633147	25.72%	1.410%
24	10.332	1424	1430	1435	rBV	8607624	17264566	18.03%	0.988%
25	10.455	1442	1451	1454	rBV3	3076613	6768269	7.07%	0.387%
26	10.514	1454	1461	1468	rVB4	10752404	23998208	25.06%	1.373%
27	10.673	1484	1488	1496	rBV3	2691490	5706619	5.96%	0.327%
28	10.767	1496	1504	1514	rBV5	7685538	23389361	24.42%	1.339%
29	10.855	1514	1519	1525	rVB	4662643	8439956	8.81%	0.483%
30	10.949	1525	1535	1540	rBV2	4805983	10053083	10.50%	0.575%
31	11.008	1540	1545	1547	rBV2	1978948	3541683	3.70%	0.203%
32	11.049	1547	1552	1559	rVB	6655016	13432948	14.03%	0.769%
33	11.114	1559	1563	1566	rBV4	2025122	3239502	3.38%	0.185%
34	11.149	1566	1569	1573	rVV2	2105532	2843194	2.97%	0.163%
35	11.238	1579	1584	1589	rVB2	4609692	7738370	8.08%	0.443%
36	11.291	1589	1593	1598	rVB3	2849527	4540463	4.74%	0.260%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NYPD-69TH-WC-1

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_D\Method\82D100521S.M
Title : SW846 8260

37	11.349	1598	1603	1606	rBV2	4139876	6051706	6.32%	0.346%
38	11.420	1606	1615	1627	rVB4	18395474	50714655	52.96%	2.902%
39	11.520	1627	1632	1642	rBV	16202678	30674958	32.03%	1.755%
40	11.638	1644	1652	1656	rBV4	4856458	10389967	10.85%	0.595%
41	11.738	1656	1669	1674	rBV2	23945940	45967705	48.00%	2.631%
42	11.849	1685	1688	1691	rBV2	5618460	7208240	7.53%	0.413%
43	11.920	1698	1700	1705	rVB2	3334866	4737058	4.95%	0.271%
44	12.032	1713	1719	1721	rBV4	1222618	2541486	2.65%	0.145%
45	12.073	1721	1726	1732	rVB3	3577795	6309194	6.59%	0.361%
46	12.143	1732	1738	1744	rBV3	9284187	18956866	19.79%	1.085%
47	12.261	1751	1758	1762	rVB	7421455	14175755	14.80%	0.811%
48	12.338	1763	1771	1775	rBV4	6047412	13782338	14.39%	0.789%
49	12.473	1789	1794	1798	rBV	7181031	14026076	14.65%	0.803%
50	12.549	1805	1807	1809	rBV	2415795	2625391	2.74%	0.150%
51	12.602	1809	1816	1822	rVB2	13548070	33819025	35.31%	1.935%
52	12.661	1822	1826	1830	rVB	9382085	12294972	12.84%	0.704%
53	12.708	1830	1834	1839	rVB4	4348151	7384655	7.71%	0.423%
54	12.767	1839	1844	1846	rBV	4160387	6984625	7.29%	0.400%
55	12.808	1846	1851	1857	rVB	22491704	39001270	40.72%	2.232%
56	12.873	1857	1862	1865	rBV3	2358223	3681494	3.84%	0.211%
57	12.937	1865	1873	1882	rBV3	13555409	28077020	29.32%	1.607%
58	13.085	1892	1898	1900	rBV3	3064733	5599336	5.85%	0.320%
59	13.137	1904	1907	1910	rVV	5204523	7715412	8.06%	0.442%
60	13.173	1910	1913	1915	rVV2	4550297	6524826	6.81%	0.373%
61	13.202	1915	1918	1922	rVV	7040639	10851140	11.33%	0.621%
62	13.255	1922	1927	1931	rVB2	6718943	11798840	12.32%	0.675%
63	13.308	1931	1936	1941	rVB2	5572060	9414853	9.83%	0.539%
64	13.390	1941	1950	1951	rBV3	6568849	15275330	15.95%	0.874%
65	13.420	1951	1955	1959	rVB	8577927	12984894	13.56%	0.743%
66	13.496	1964	1968	1971	rVV	5302007	7961408	8.31%	0.456%
67	13.532	1971	1974	1976	rVV	5542146	7212373	7.53%	0.413%
68	13.561	1976	1979	1982	rVV	6613188	9473498	9.89%	0.542%
69	13.614	1982	1988	1998	rVB5	15275224	45444863	47.45%	2.601%
70	13.726	2001	2007	2010	rBV	20568119	33975192	35.48%	1.944%
71	13.767	2010	2014	2018	rVV3	16468642	30434918	31.78%	1.742%
72	13.808	2018	2021	2029	rVB2	11425805	27357925	28.57%	1.566%
73	13.884	2029	2034	2039	rBV2	10907214	17059802	17.81%	0.976%
74	13.955	2044	2046	2051	rVB	2212955	2928677	3.06%	0.168%
75	14.037	2053	2060	2065	rVB3	6534197	15988203	16.69%	0.915%
76	14.102	2065	2071	2077	rBV2	45114057	77107334	80.51%	4.413%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NYPD-69TH-WC-1

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_D\Method\82D100521S.M
Title : SW846 8260

77	14.167	2079	2082	2085	rVB	2256484	2619942	2.74%	0.150%
78	14.214	2085	2090	2096	rVB2	17054977	29734612	31.05%	1.702%
79	14.279	2096	2101	2107	rBV3	3228578	6982185	7.29%	0.400%
80	14.355	2110	2114	2118	rBV5	2701149	4965774	5.19%	0.284%
81	14.426	2118	2126	2131	rBV	26309821	47525745	49.63%	2.720%
82	14.508	2136	2140	2144	rBV	11104216	14892097	15.55%	0.852%
83	14.649	2161	2164	2167	rVB	2290263	2836692	2.96%	0.162%
84	14.696	2167	2172	2176	rBV	14923841	25440907	26.56%	1.456%
85	14.737	2176	2179	2184	rVB2	8251318	13014466	13.59%	0.745%
86	14.814	2184	2192	2197	rBV3	25297370	58899017	61.50%	3.371%
87	14.867	2197	2201	2207	rVB	8565252	15539395	16.23%	0.889%
88	15.079	2231	2237	2241	rBV3	13720790	23274761	24.30%	1.332%
89	15.120	2241	2244	2249	rVB	4492903	6627999	6.92%	0.379%
90	15.190	2249	2256	2265	rVB4	11468667	26387758	27.55%	1.510%
91	15.343	2276	2282	2285	rBV4	3427828	7002355	7.31%	0.401%
92	15.379	2285	2288	2294	rVB	5984019	10102940	10.55%	0.578%
93	15.490	2301	2307	2312	rVV	5125786	9713187	10.14%	0.556%
94	15.543	2312	2316	2331	rVB6	4298516	12740063	13.30%	0.729%
95	15.679	2331	2339	2346	rBV	6432468	13393832	13.99%	0.766%
96	15.849	2357	2368	2378	rBV3	3258726	12409492	12.96%	0.710%
97	15.978	2385	2390	2395	rVV	1991556	3497188	3.65%	0.200%
98	16.049	2395	2402	2409	rVB4	2583069	6821637	7.12%	0.390%
99	16.473	2467	2474	2493	rVB	5480238	12886742	13.46%	0.737%
100	16.678	2500	2509	2521	rVB	3103083	7648188	7.99%	0.438%

Sum of corrected areas: 1747423115

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
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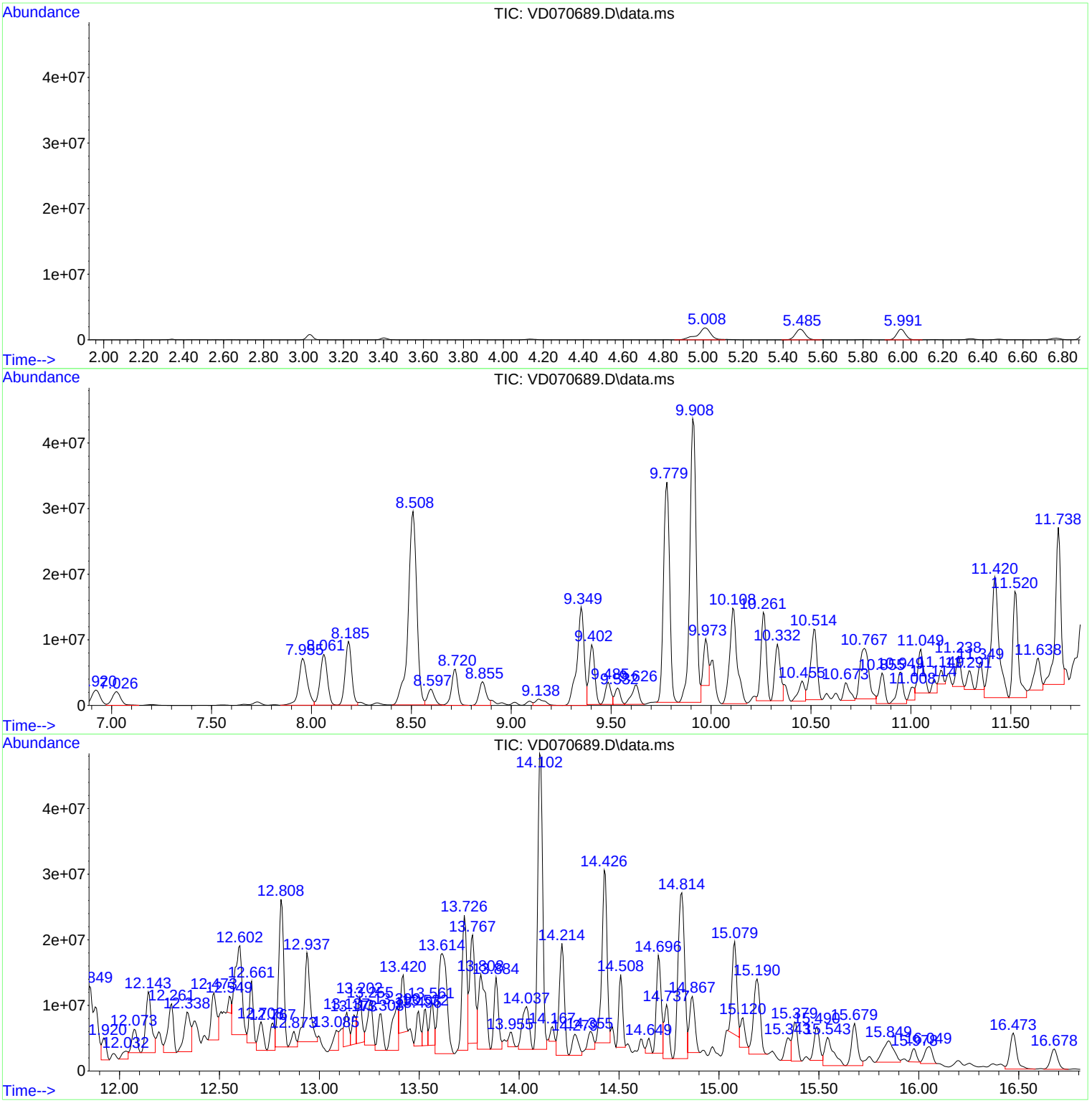
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

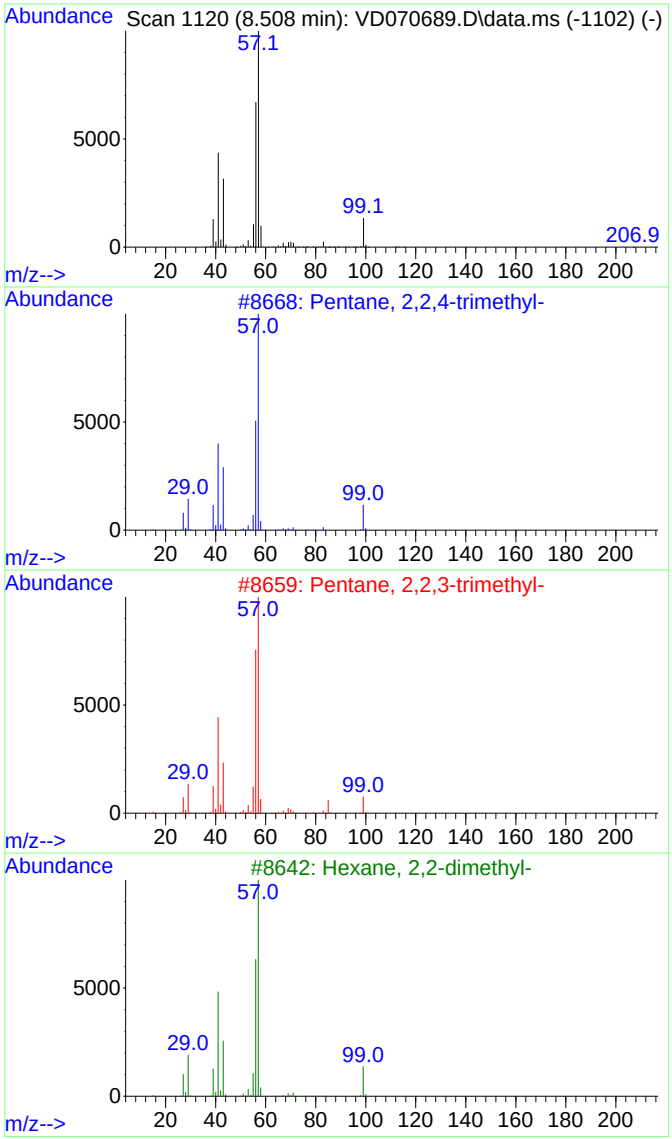
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

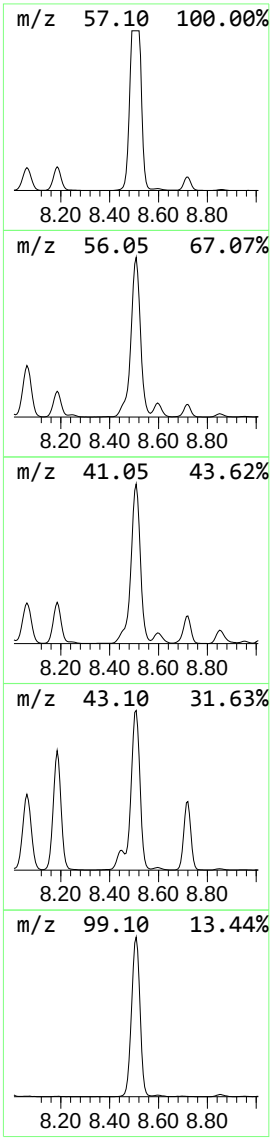
****

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	497.01 ug/l	88469600	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	90
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	86
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

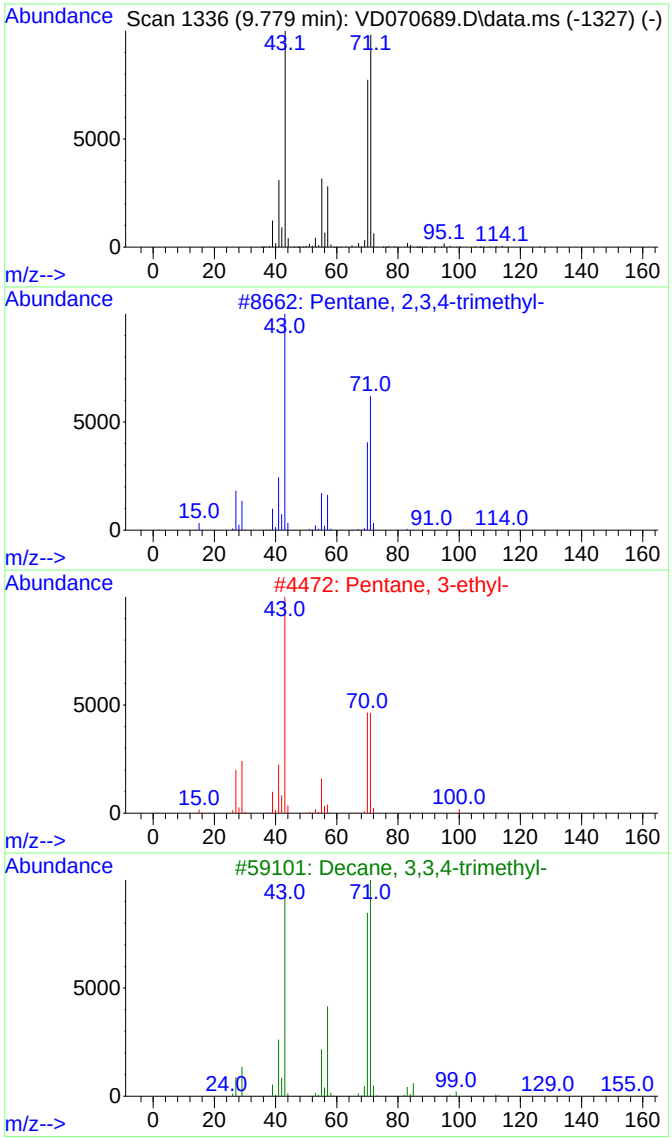
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

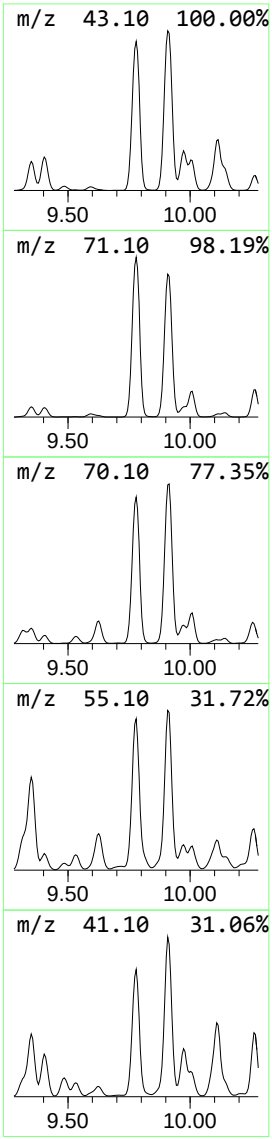
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	399.59 ug/l	71127800	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
5	Diisoamyl ether	158	C10H22O	000544-01-4	74





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Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

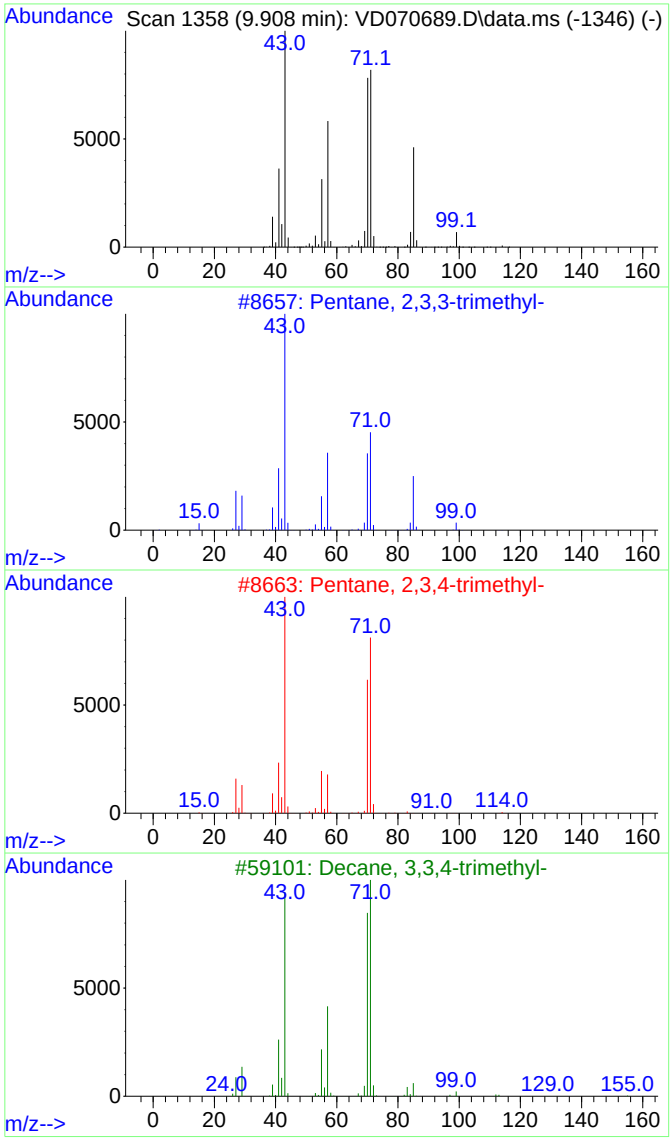
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

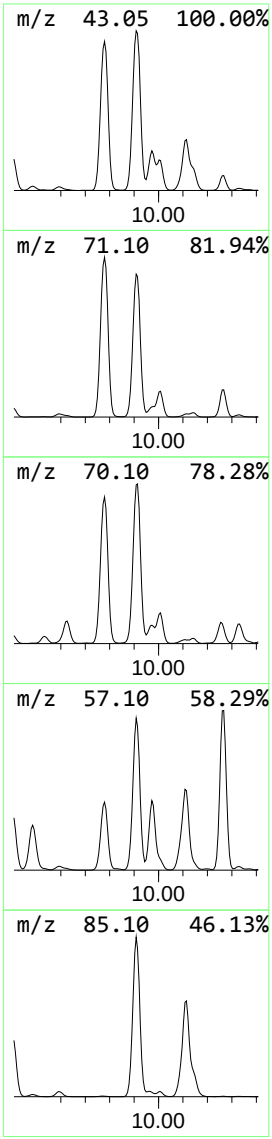
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	538.02 ug/l	95768800	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59





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Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

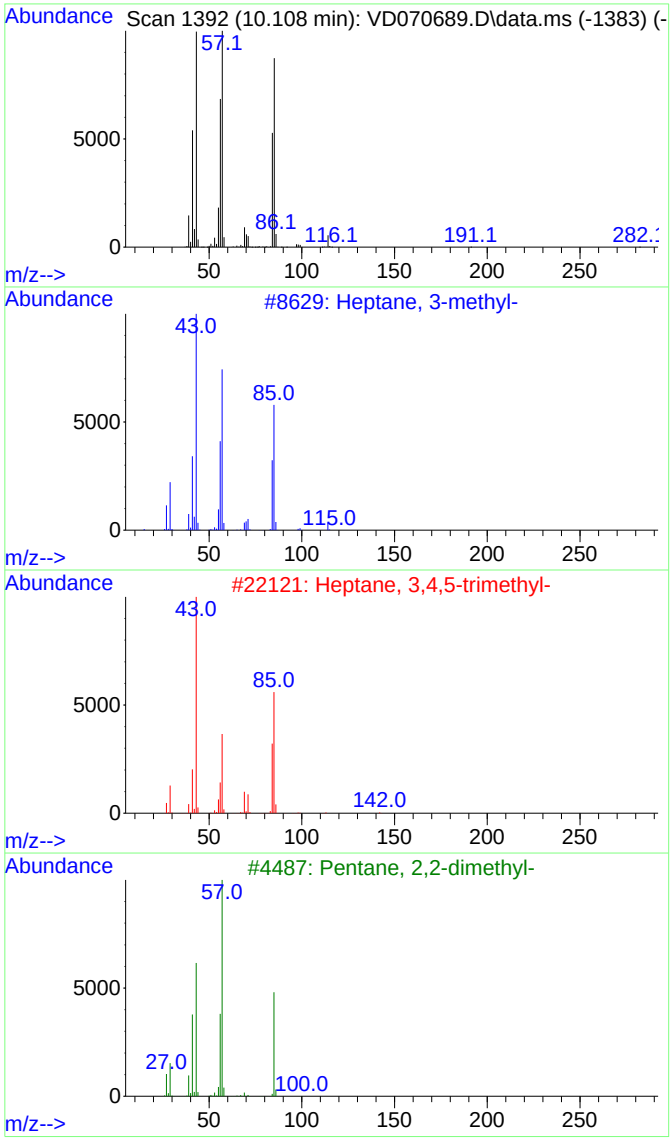
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

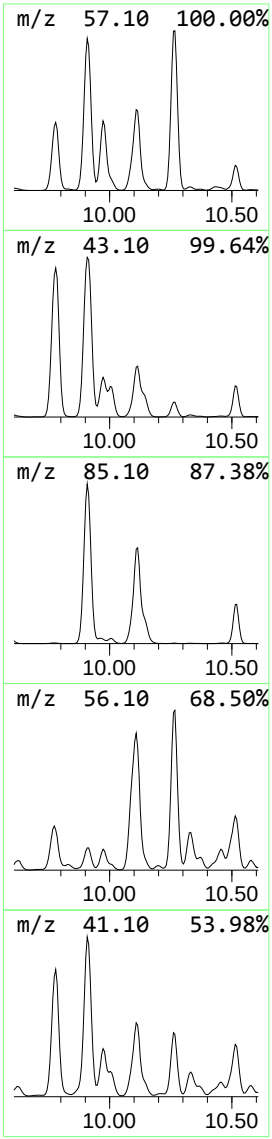
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.108	211.71 ug/l	37683900	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

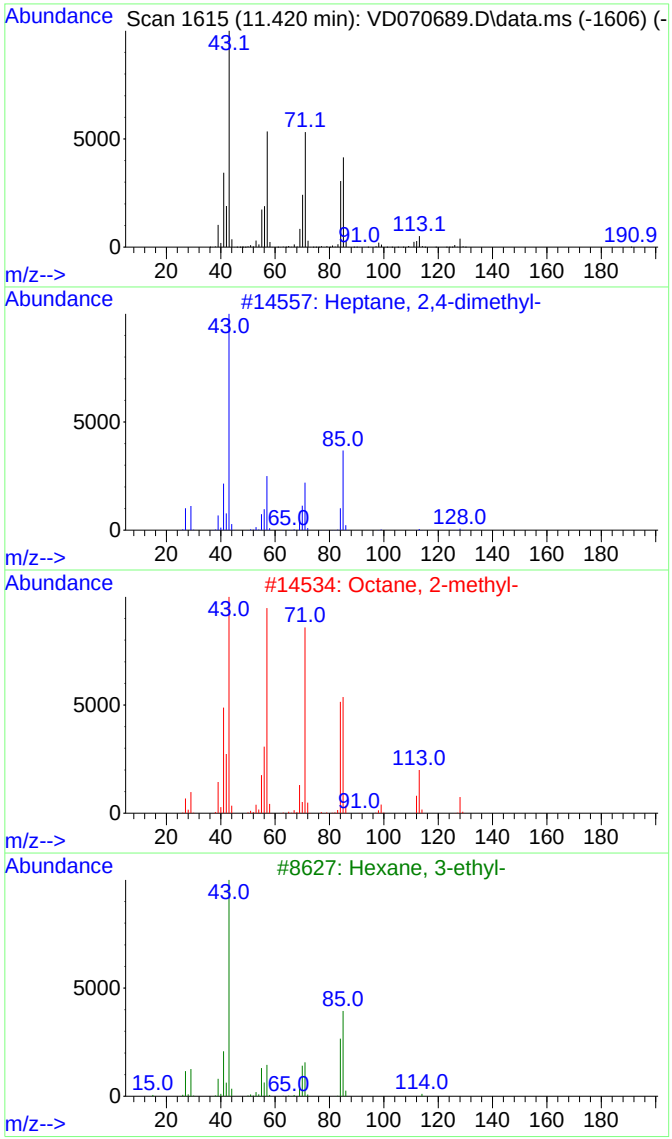
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

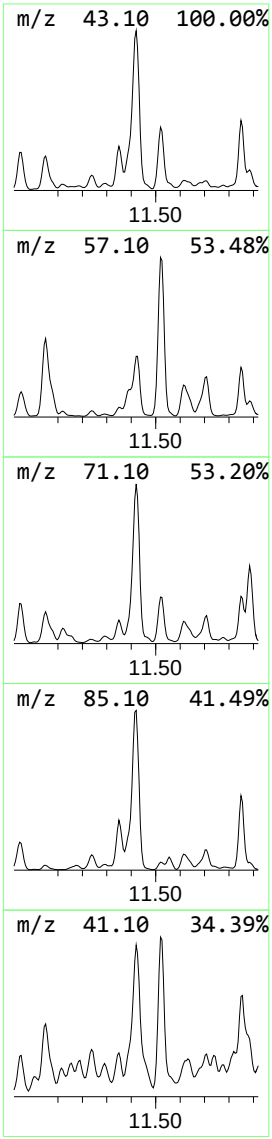
****

Peak Number 5 Heptane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	244.06 ug/l	50714700	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Octane, 4-methyl-	128	C9H20	002216-34-4	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

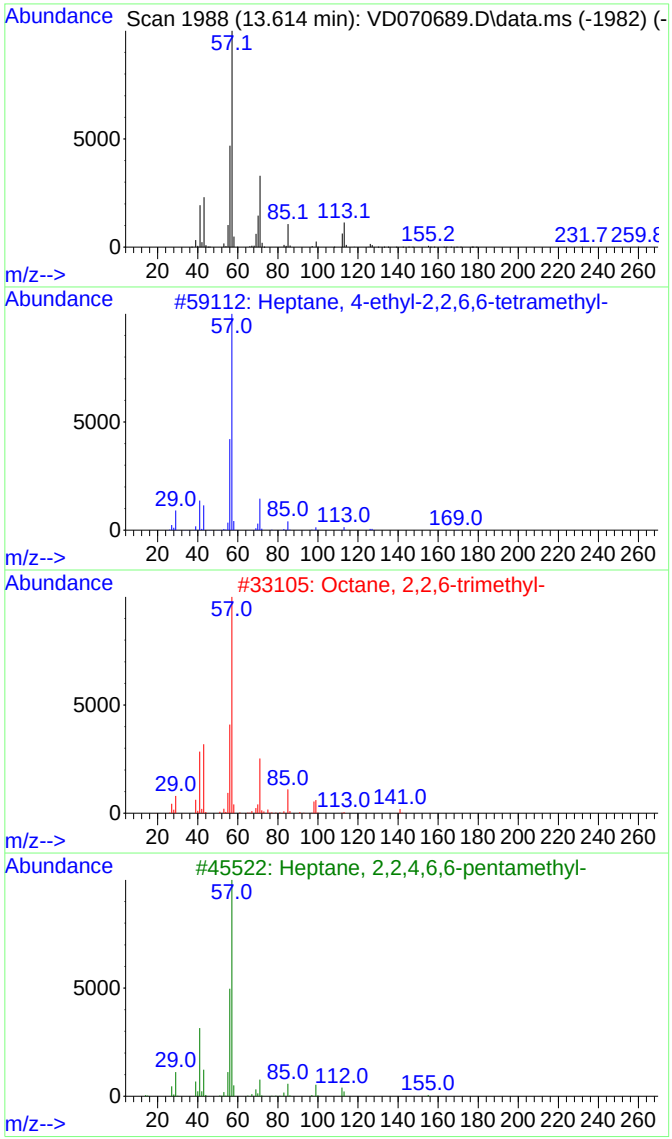
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

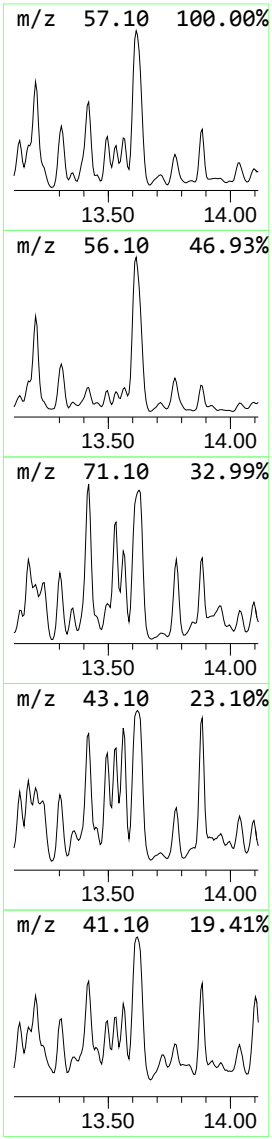
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.614	239.85 ug/l	45444900	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

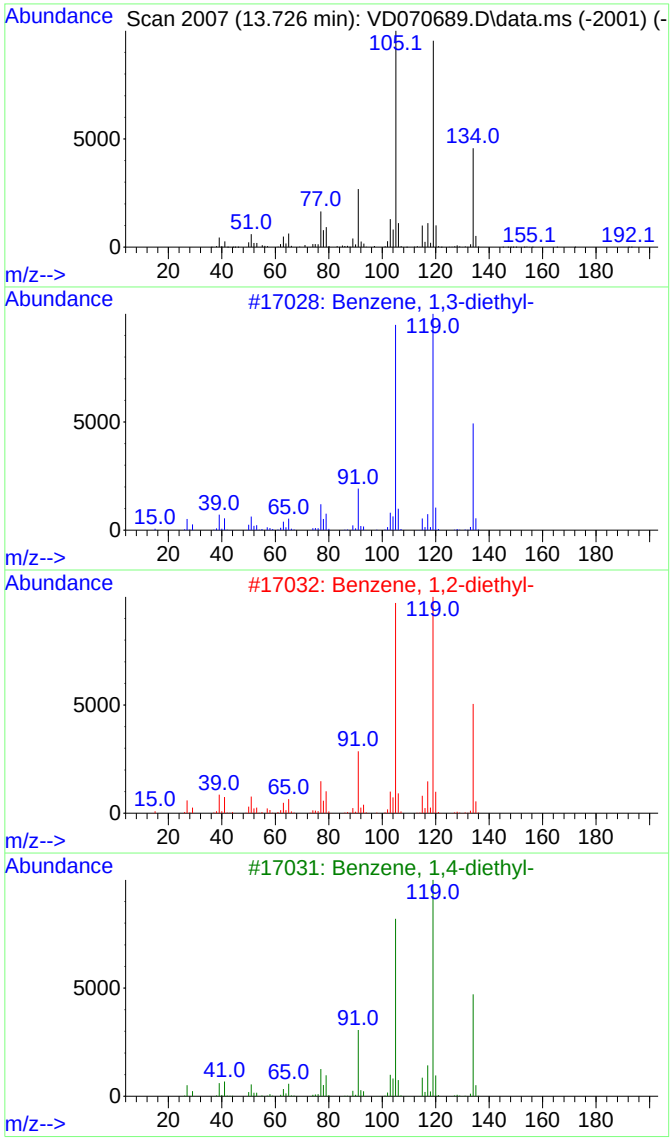
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

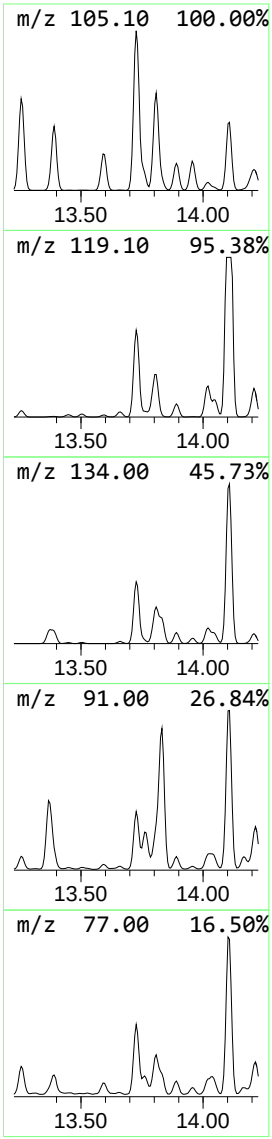
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.726	179.32 ug/l	33975200	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

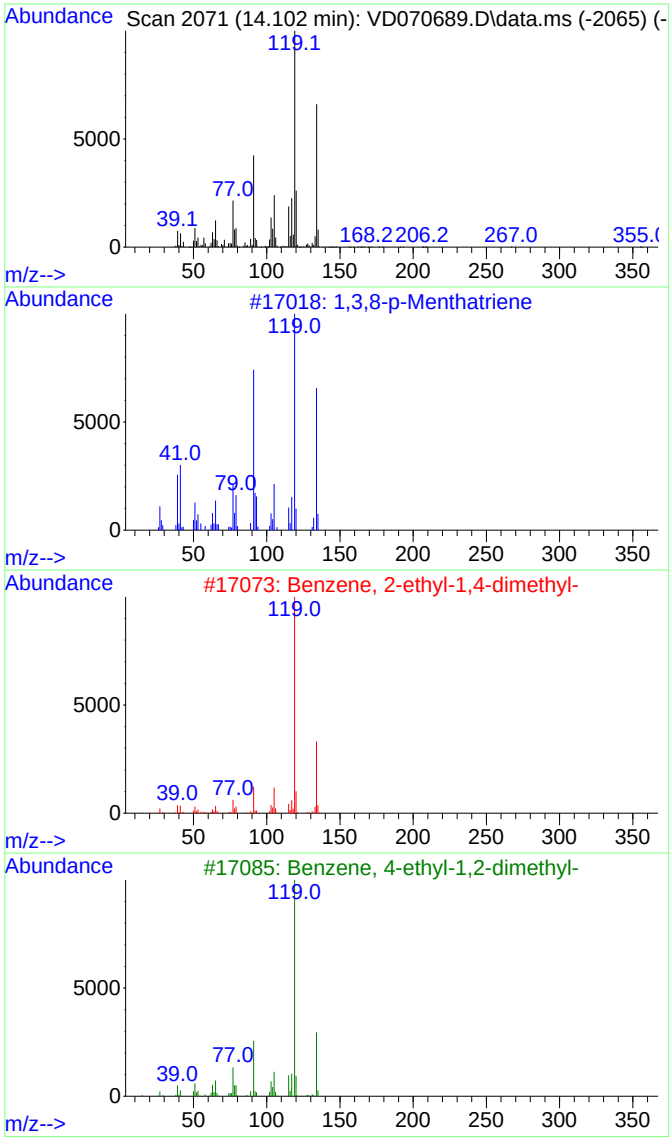
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

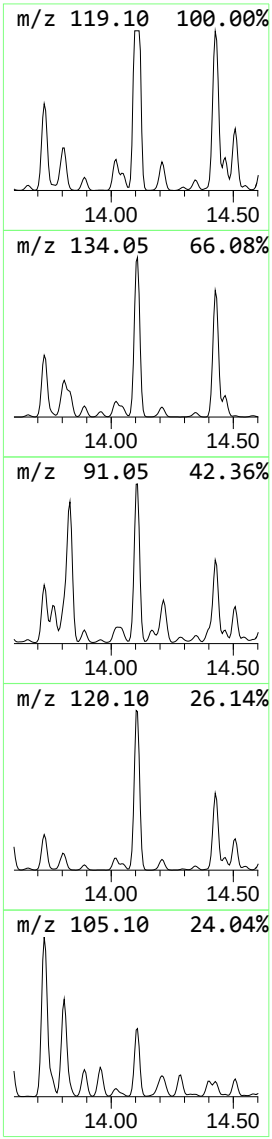
****

Peak Number 8 1,3,8-p-Menthatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.102	406.96 ug/l	77107300	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

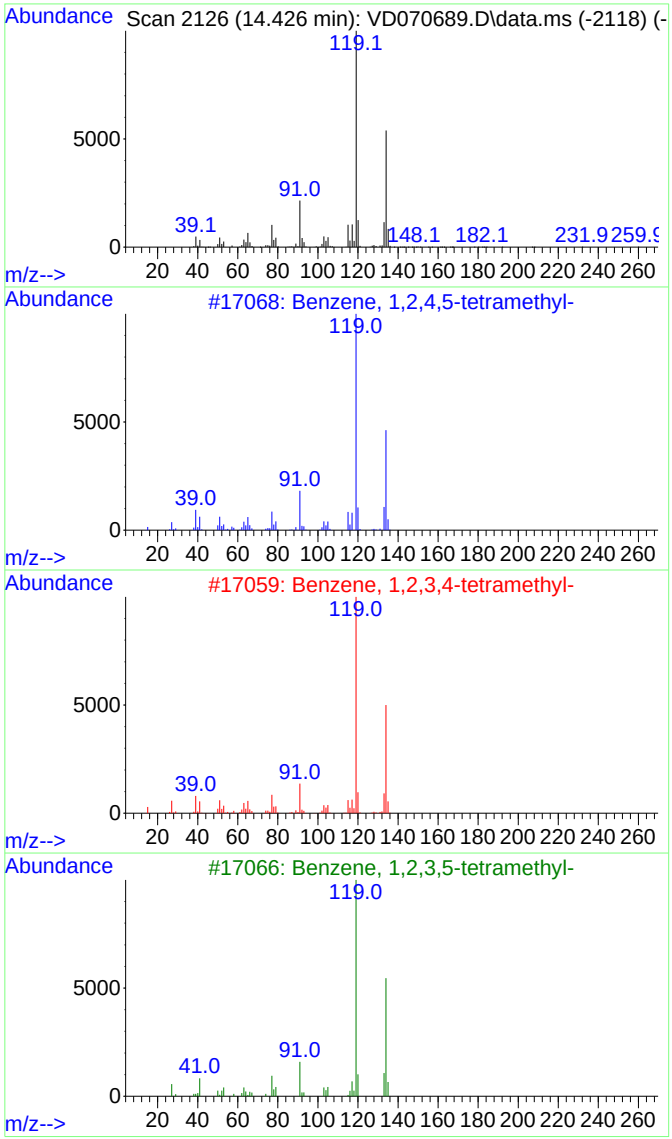
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

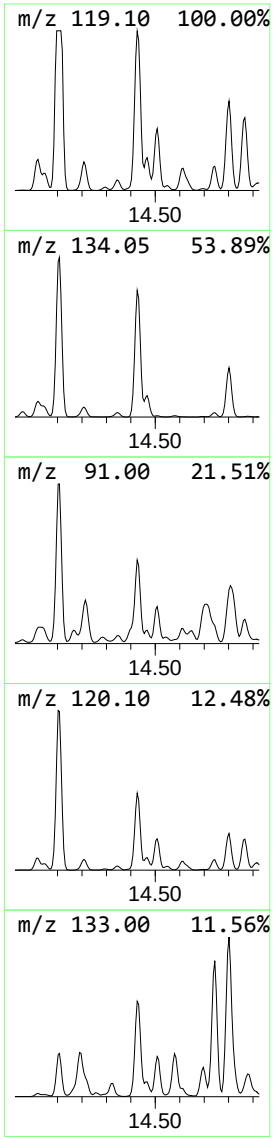
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.426	250.84 ug/l	47525700	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NYPD-69TH-WC-1

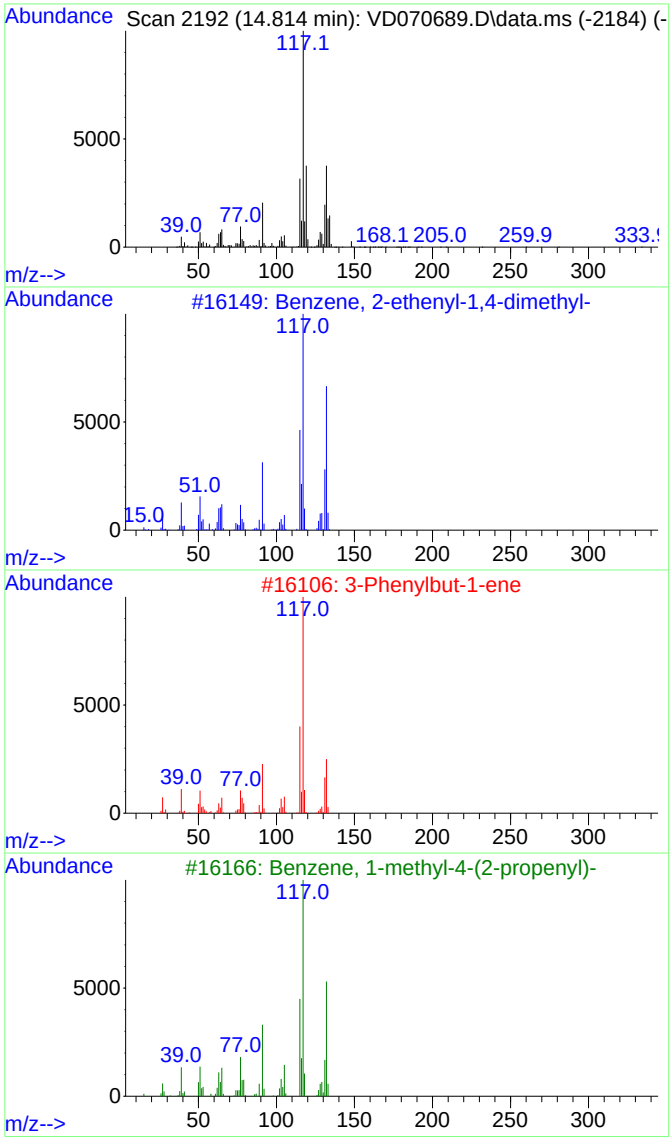
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

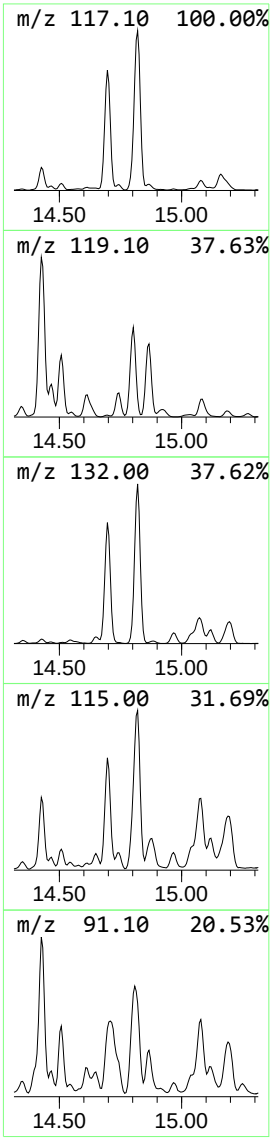
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	310.86 ug/l	58899000	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	76
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070689.D
Acq On : 12 Oct 2021 19:52
Operator : VA/SY
Sample : M4180-01
Misc : 7.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NYPD-69TH-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,2,4-...	8.508	497.0	ug/l	88469600	2	8.861	8900090	50.0
Pentane, 2,3,4-...	9.779	399.6	ug/l	71127800	2	8.861	8900090	50.0
Pentane, 2,3,3-...	9.908	538.0	ug/l	95768800	2	8.861	8900090	50.0
Heptane, 3-methyl-	10.108	211.7	ug/l	37683900	2	8.861	8900090	50.0
Heptane, 2,4-di...	11.420	244.1	ug/l	50714700	3	11.637	10390000	50.0
Heptane, 4-ethy...	13.614	239.8	ug/l	45444900	4	13.561	9473500	50.0
Benzene, 1,3-di...	13.726	179.3	ug/l	33975200	4	13.561	9473500	50.0
1,3,8-p-Menthat...	14.102	407.0	ug/l	77107300	4	13.561	9473500	50.0
Benzene, 1,2,4,...	14.426	250.8	ug/l	47525700	4	13.561	9473500	50.0
Benzene, 2-ethe...	14.814	310.9	ug/l	58899000	4	13.561	9473500	50.0