LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

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_Y\methods\82Y071822S.M
Title : SW846 8260

Signal : TIC: VY009659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.696	256	261	279	rVB	551558	861298	2.54%	0.163%
2	2.238	340	350	360	rBV	541301	880769	2.60%	0.167%
3	2.891	446	457	493	rVB	5551878	12322991	36.39%	2.335%
4	3.238	504	514	538	rVB	2842725	6723421	19.86%	1.274%
5	3.683	578	587	606	rVB	597586	1552328	4.58%	0.294%
6	4.750	739	762	802	rVB	4355598	20538934	60.66%	3.891%
7	5.226	821	840	868	rBV	2744824	9731295	28.74%	1.844%
8	5.732	910	923	942	rBV	3178561	9810808	28.97%	1.859%
9	6.085	970	981	994	rVB	688057	2065875	6.10%	0.391%
10	6.226	994	1004	1013	rBV	345452	1071203	3.16%	0.203%
11	6.524	1041	1053	1066	rBV4	705122	2222189	6.56%	0.421%
12	6.677	1067	1078	1086	rBV	979786	3073607	9.08%	0.582%
13	6.780	1086	1095	1105	rVV	3136559	9091613	26.85%	1.722%
14	7.518	1209	1216	1225	rVB	654272	1684232	4.97%	0.319%
15	7.762	1237	1256	1266	rBV3	4869522	14152769	41.80%	2.681%
16	7.865	1266	1273	1284	rVB	2655619	6864983	20.27%	1.301%
17	7.993	1284	1294	1311	rBV	4585026	10941247	32.31%	2.073%
18	8.152	1311	1320	1331	rBV3	569926	1510230	4.46%	0.286%
19	8.268	1331	1339	1341	rBV2	1779105	3478674	10.27%	0.659%
20	8.323	1342	1348	1358	rVB	5614974	14961363	44.18%	2.834%
21	8.408	1358	1362	1373	rVB	1081650	2635001	7.78%	0.499%
22	8.542	1373	1384	1397	rVB	3863115	8158462	24.09%	1.546%
23	8.682	1397	1407	1412	rBV2	2192597	5186225	15.32%	0.983%
24	8.847	1428	1434	1440	rVB	523428	964611	2.85%	0.183%
25	8.963	1449	1453	1473	rVB2	551286	1360859	4.02%	0.258%
26	9.176	1473	1488	1494	rBV2	5746404	14576335	43.05%	2.762%
27	9.237	1494	1498	1505	rVB	1723963	3196308	9.44%	0.606%
28	9.365	1514	1519	1525	rVB	1106589	1991960	5.88%	0.377%
29	9.457	1525	1534	1541	rBV3	655760	1515825	4.48%	0.287%
30	9.609	1552	1559	1569	rVB	4219620	8152401	24.08%	1.544%
31	9.707	1569	1575	1576	rBV	1355573	1934216	5.71%	0.366%
32	9.749	1576	1582	1588	rVB	5098262	10637049	31.41%	2.015%
33	9.816	1588	1593	1597	rBV	2896492	5081060	15.01%	0.963%
34	9.957	1606	1616	1627	rBV	3370945	7657063	22.61%	1.451%
35	10.054	1627	1632	1635	rBV	586245	1017042	3.00%	0.193%
36	10.109	1635	1641	1646	rVB2	1960253	3476260	10.27%	0.659%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
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Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

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_Y\methods\82Y071822S.M
Title : SW846 8260

37	10.170	1646	1651	1656	rBV2	1765342	3315805	9.79%	0.628%
38	10.298	1664	1672	1675	rBV4	576405	1053477	3.11%	0.200%
39	10.365	1675	1683	1689	rVB3	3579863	7002581	20.68%	1.327%
40	10.603	1717	1722	1734	rVB4	1395247	3670855	10.84%	0.695%
41	10.706	1734	1739	1744	rVB2	608919	1078438	3.18%	0.204%
42	10.798	1744	1754	1759	rBV2	641095	1275960	3.77%	0.242%
43	10.902	1766	1771	1777	rVV	933934	1931591	5.70%	0.366%
44	10.999	1784	1787	1790	rVV2	613616	1002446	2.96%	0.190%
45	11.036	1790	1793	1797	rVV	624187	1003488	2.96%	0.190%
46	11.084	1797	1801	1806	rVV2	534657	1068795	3.16%	0.202%
47	11.200	1815	1820	1824	rVV	578651	1016375	3.00%	0.193%
48	11.279	1824	1833	1844	rVB2	2487858	5831754	17.22%	1.105%
49	11.377	1844	1849	1859	rBV	1974021	3417966	10.09%	0.648%
50	11.487	1861	1867	1872	rVV3	859311	1700128	5.02%	0.322%
51	11.590	1876	1884	1893	rVV	11393918	18418781	54.39%	3.489%
52	11.700	1893	1902	1912	rVV	12725540	25736898	76.01%	4.876%
53	12.023	1945	1955	1964	rVV3	1327566	3406148	10.06%	0.645%
54	12.121	1964	1971	1975	rVB	511501	842685	2.49%	0.160%
55	12.194	1975	1983	1987	rBV4	480621	983340	2.90%	0.186%
56	12.328	2000	2005	2009	rBV	1688044	2594174	7.66%	0.491%
57	12.523	2033	2037	2041	rVB	755152	958101	2.83%	0.182%
58	12.669	2049	2061	2066	rBV	6743743	10166551	30.02%	1.926%
59	12.730	2066	2071	2073	rBV	2081631	2972838	8.78%	0.563%
60	12.767	2073	2077	2080	rVV	7357482	10909837	32.22%	2.067%
61	12.810	2080	2084	2090	rVV	12344459	17843417	52.70%	3.380%
62	12.968	2103	2110	2118	rBV	6074120	9749842	28.79%	1.847%
63	13.121	2129	2135	2140	rVV	23409160	33861258	100.00%	6.415%
64	13.249	2148	2156	2159	rBV3	690205	1837795	5.43%	0.348%
65	13.316	2159	2167	2171	rVB3	981721	1934867	5.71%	0.367%
66	13.364	2171	2175	2178	rBV2	685278	983695	2.91%	0.186%
67	13.456	2182	2190	2195	rVV	7446823	12437668	36.73%	2.356%
68	13.499	2195	2197	2204	rVB3	650865	922959	2.73%	0.175%
69	13.590	2204	2212	2214	rBV	2302310	3407217	10.06%	0.646%
70	13.621	2214	2217	2221	rVV	6932840	10939480	32.31%	2.073%
71	13.663	2221	2224	2234	rVB3	7231870	12938169	38.21%	2.451%
72	13.755	2234	2239	2243	rBV2	1122657	1740351	5.14%	0.330%
73	13.822	2243	2250	2255	rBV	1646747	2488387	7.35%	0.471%
74	13.883	2255	2260	2263	rVV	3037979	4870726	14.38%	0.923%
75	13.913	2263	2265	2270	rVV	2807185	3429255	10.13%	0.650%
76	13.968	2270	2274	2280	rVV	5972864	8643525	25.53%	1.638%

LSC Area Percent Report

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Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

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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Title : SW846 8260

77	14.029	2280	2284	2287	rVV	804762	1114309	3.29%	0.211%
78	14.078	2287	2292	2297	rVB	3475882	5188051	15.32%	0.983%
79	14.212	2309	2314	2319	rBV2	1386707	2542506	7.51%	0.482%
80	14.291	2321	2327	2331	rVV	3135945	5953492	17.58%	1.128%
81	14.334	2331	2334	2338	rVV	4347751	5871461	17.34%	1.112%
82	14.383	2338	2342	2345	rVV	1642658	2324419	6.86%	0.440%
83	14.419	2345	2348	2354	rVB2	971219	1279677	3.78%	0.242%
84	14.517	2360	2364	2367	rVV	833952	1154526	3.41%	0.219%
85	14.565	2367	2372	2376	rVV	2976504	4855261	14.34%	0.920%
86	14.608	2376	2379	2384	rVB	1386775	2063351	6.09%	0.391%
87	14.681	2384	2391	2396	rBV3	4915583	10090381	29.80%	1.912%
88	14.736	2396	2400	2406	rVB3	1285507	2297893	6.79%	0.435%
89	14.943	2429	2434	2437	rVV3	1789629	3171163	9.37%	0.601%
90	14.974	2437	2439	2446	rVV	865115	1239902	3.66%	0.235%
91	15.053	2446	2452	2461	rVB2	1440165	3015752	8.91%	0.571%
92	15.236	2472	2482	2487	rBV	3140109	6615388	19.54%	1.253%
93	15.346	2495	2500	2504	rBV2	729165	1274469	3.76%	0.241%
94	15.437	2511	2515	2523	rVB5	490998	939207	2.77%	0.178%
95	15.523	2523	2529	2537	rBV2	930946	2087947	6.17%	0.396%
96	15.687	2547	2556	2560	rBV3	553872	1506883	4.45%	0.285%
97	15.888	2582	2589	2599	rVB3	458266	1119522	3.31%	0.212%
98	16.029	2605	2612	2617	rBV4	382592	914883	2.70%	0.173%
99	16.291	2649	2655	2669	rVB	3610012	6980992	20.62%	1.323%
100	16.486	2680	2687	2701	rVB	1606524	3769889	11.13%	0.714%

Sum of corrected areas: 527839453

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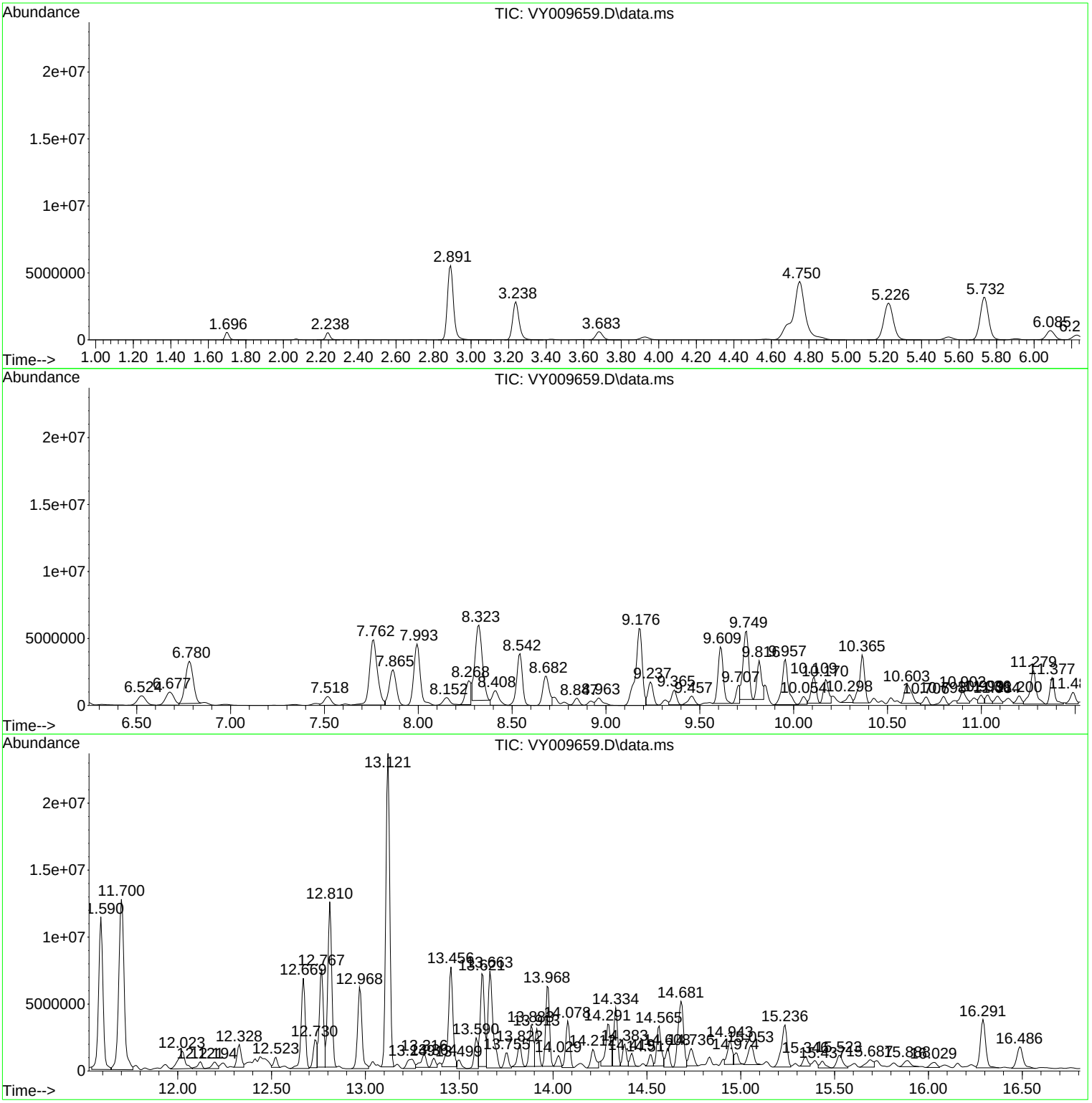
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

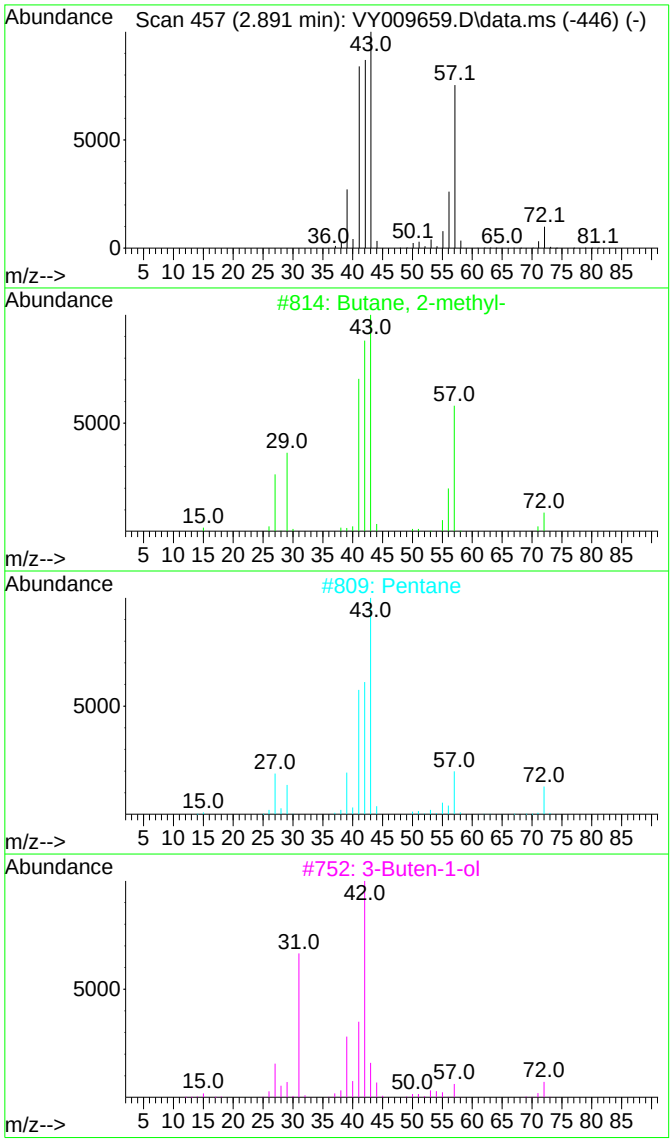
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

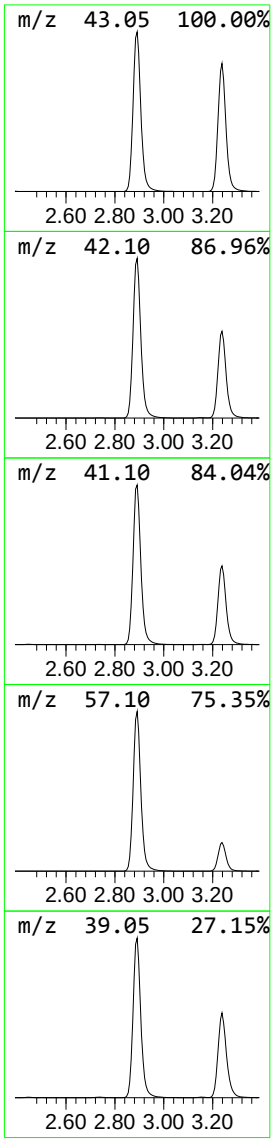
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.891	43.54 ug/l	12323000	Pentafluorobenzene	7.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	38
3	3-Buten-1-ol	72	C4H8O	000627-27-0	25
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	10
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10





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Data File : VY009659.D
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Sample : N3773-16
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

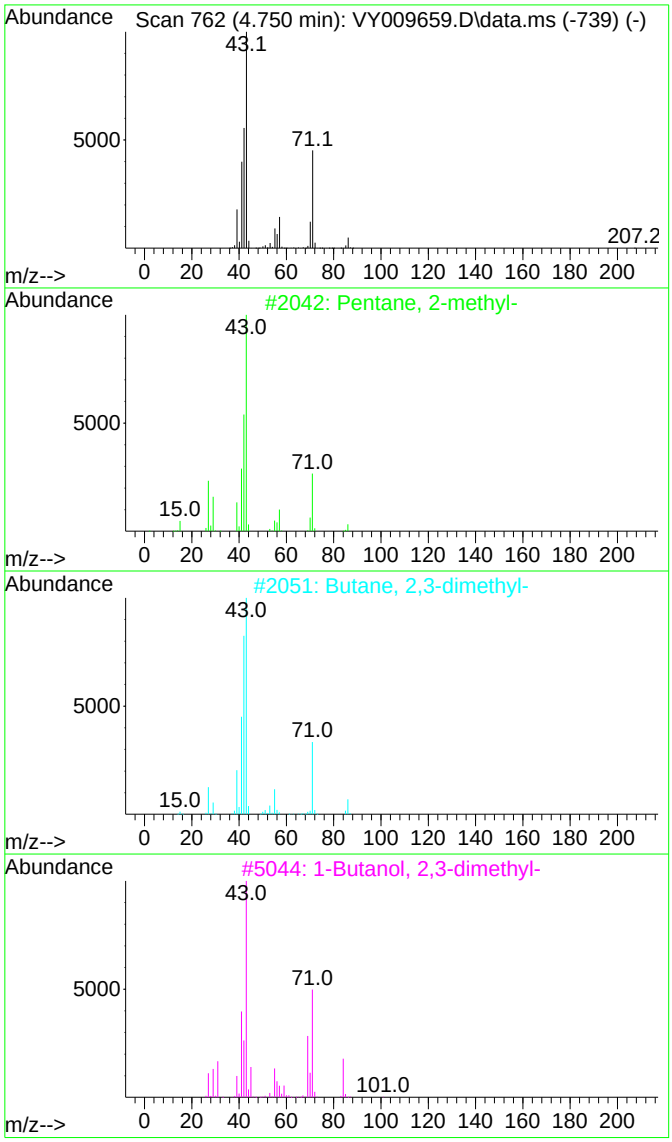
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

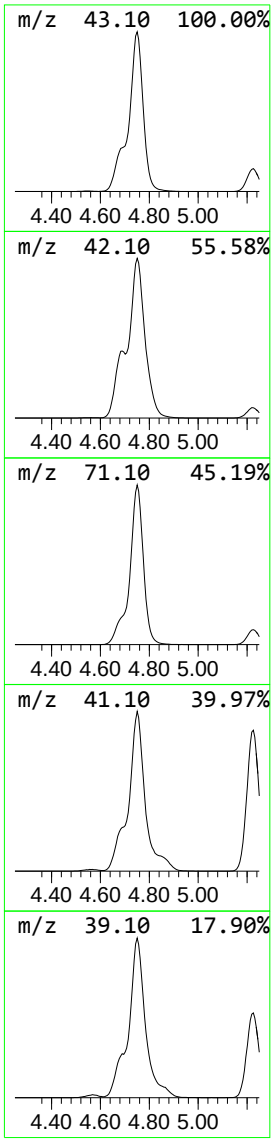
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.750	72.56 ug/l	20538900	Pentafluorobenzene	7.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	43
5	N-Vinylformamide	71	C3H5NO	013162-05-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
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Acq On : 22 Jul 2022 15:00
Operator : KP/MD
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Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

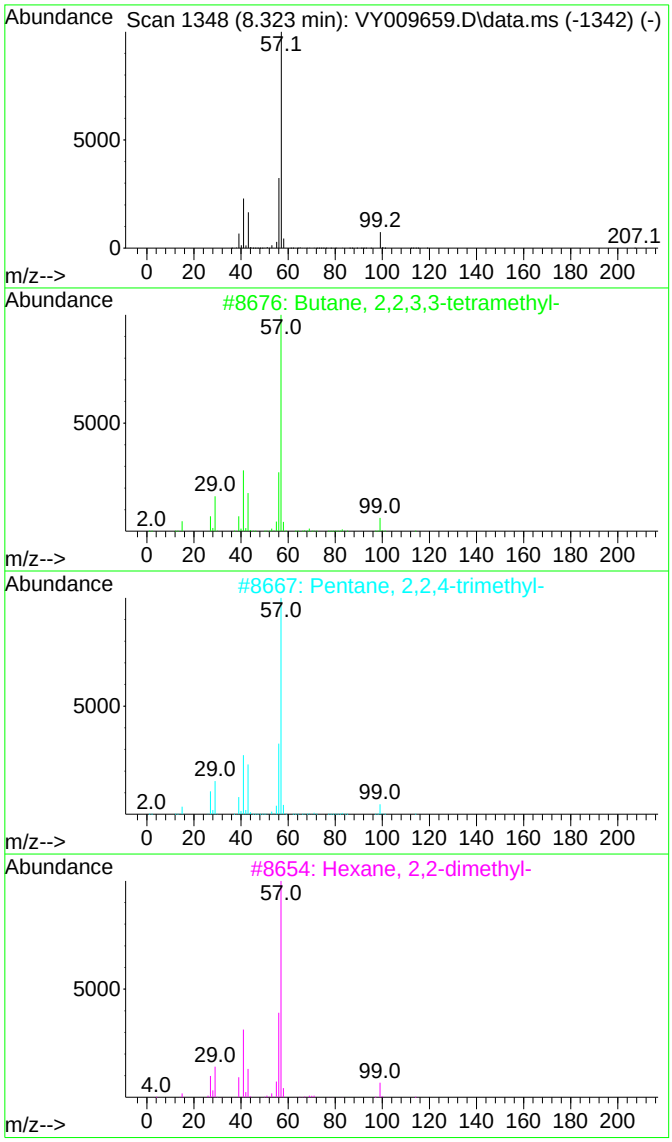
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

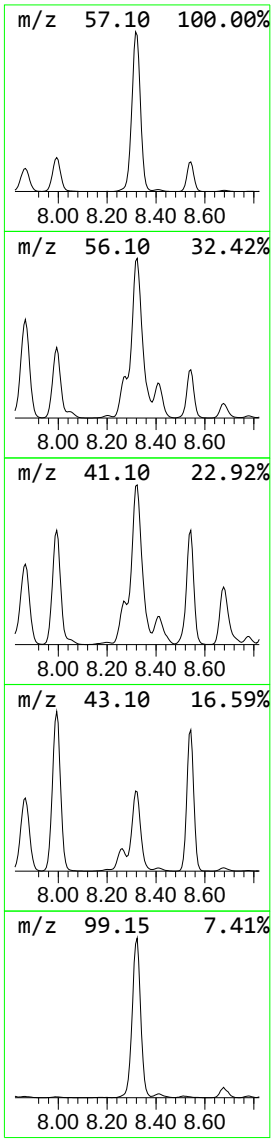
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.323	144.24 ug/l	14961400	1,4-Difluorobenzene	8.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	43
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
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Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

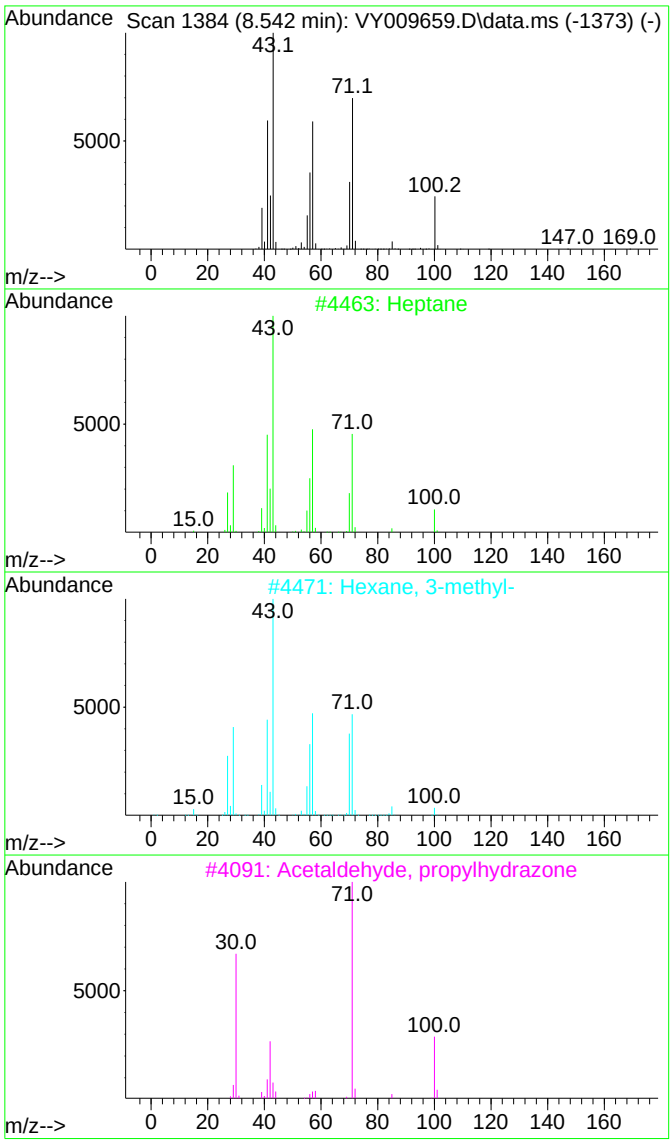
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

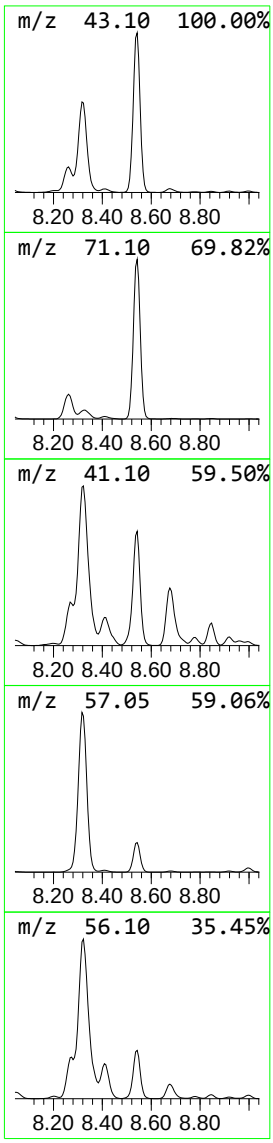
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.542	78.66 ug/l	8158460	1,4-Difluorobenzene	8.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49
4	3-Hexanone	100	C6H12O	000589-38-8	46
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

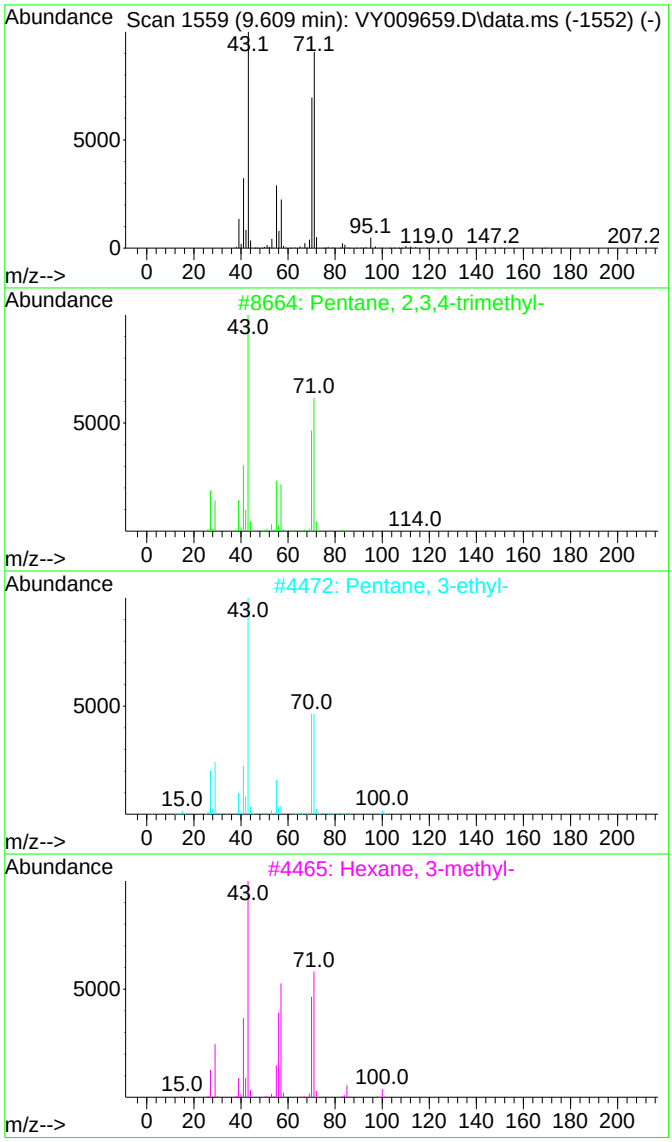
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

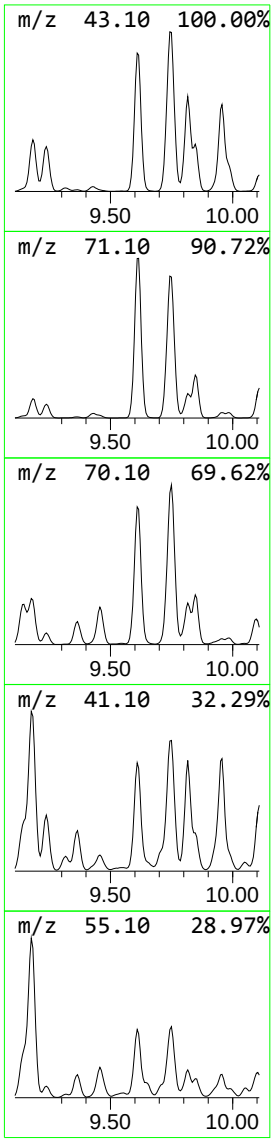
****

Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.609	78.60 ug/l	8152400	1,4-Difluorobenzene	8.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

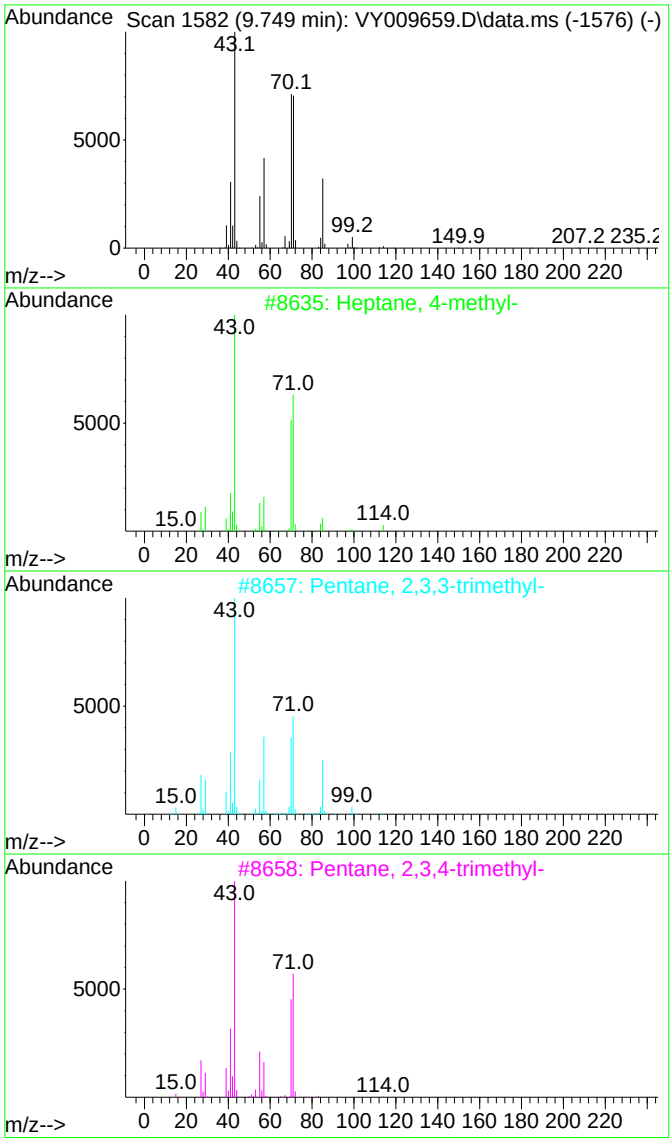
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

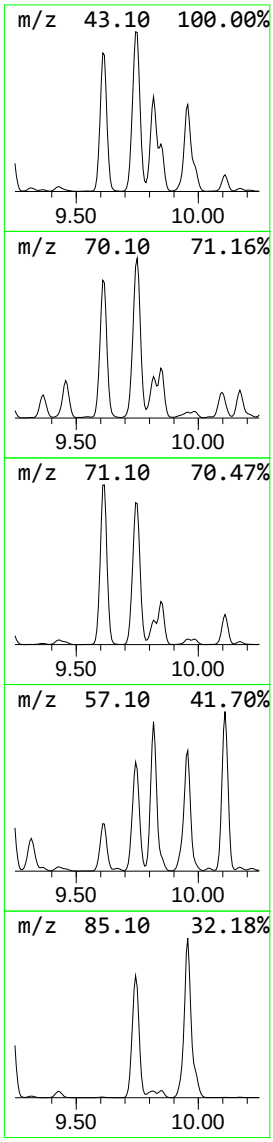
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.749	102.55 ug/l	10637000	1,4-Difluorobenzene	8.682

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

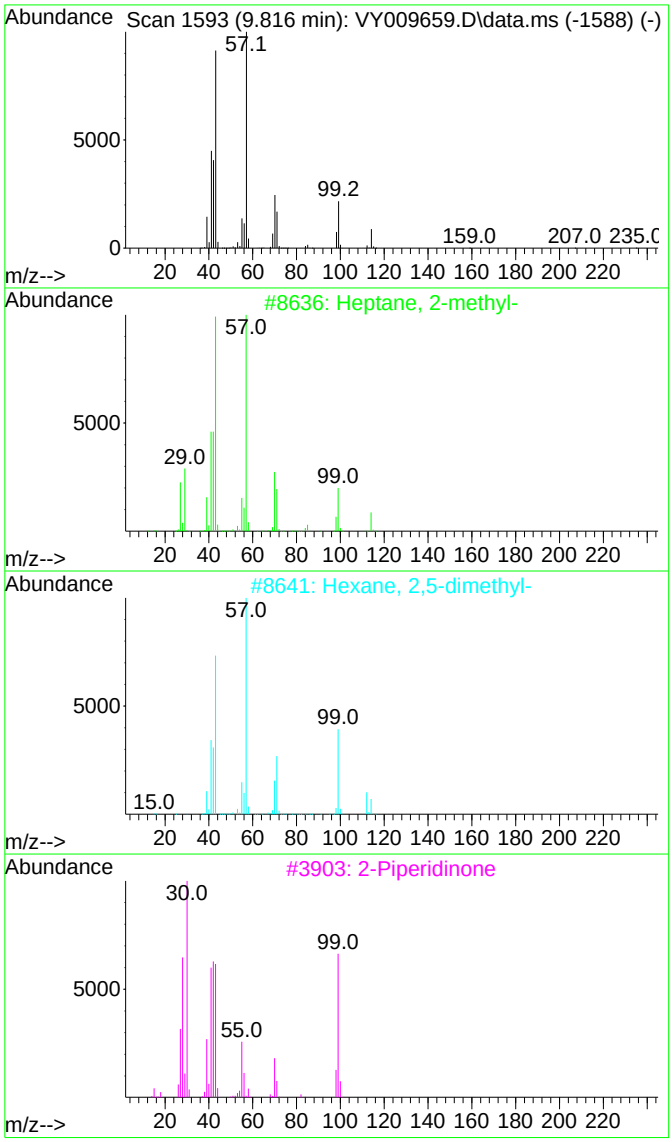
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

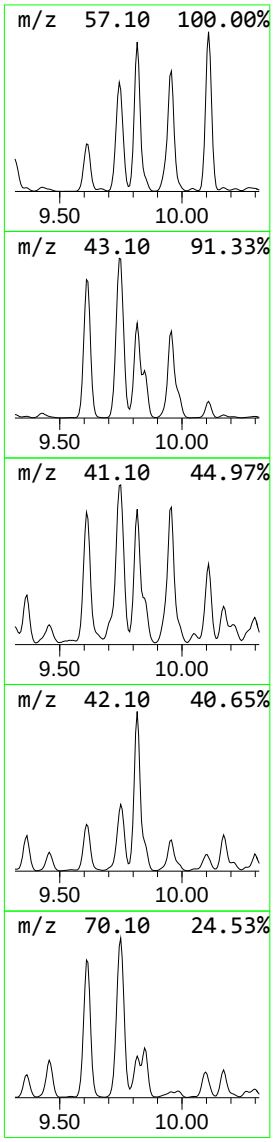
****

Peak Number 7 Heptane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	48.99 ug/l	5081060	1,4-Difluorobenzene	8.682

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	2-Piperidinone	99	C5H9NO	000675-20-7	59
4	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	35
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

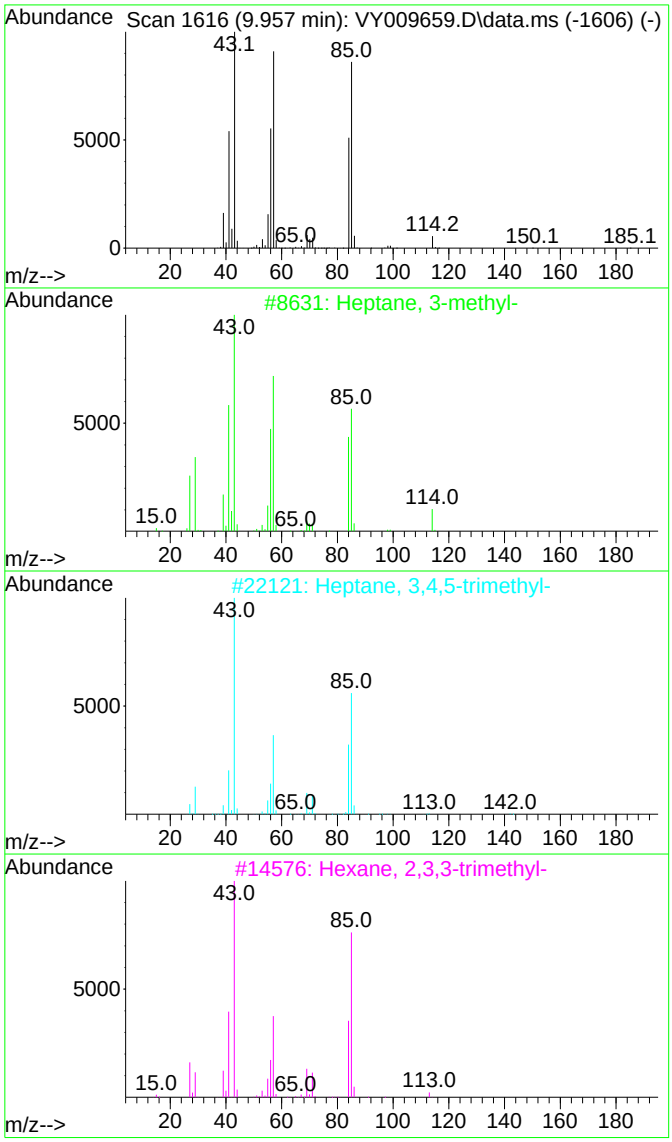
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

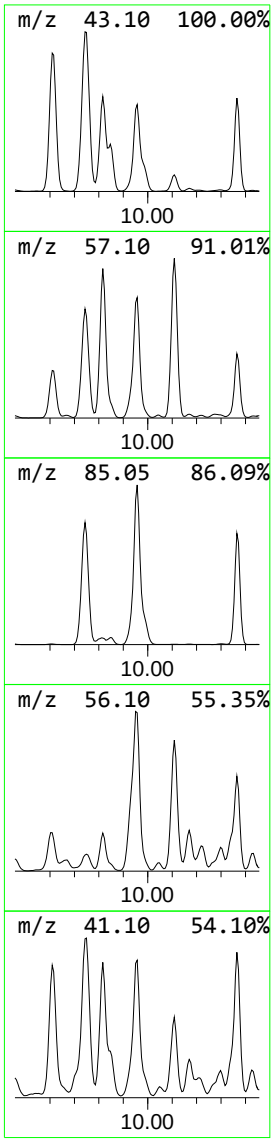
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	73.82 ug/l	7657060	1,4-Difluorobenzene	8.682

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	64
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

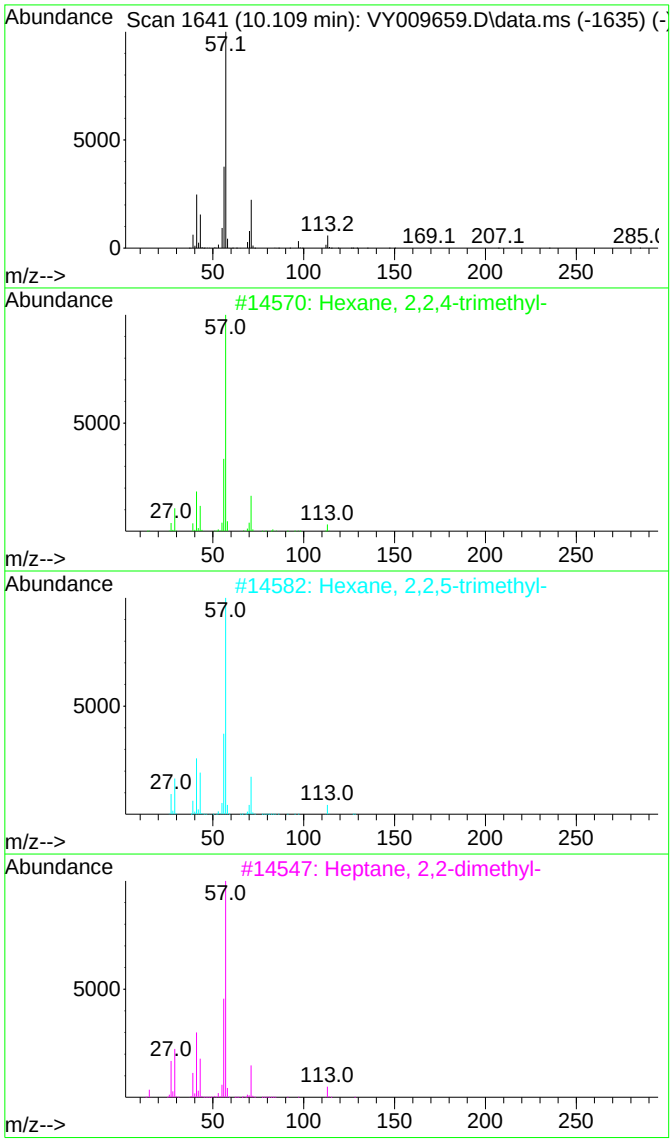
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

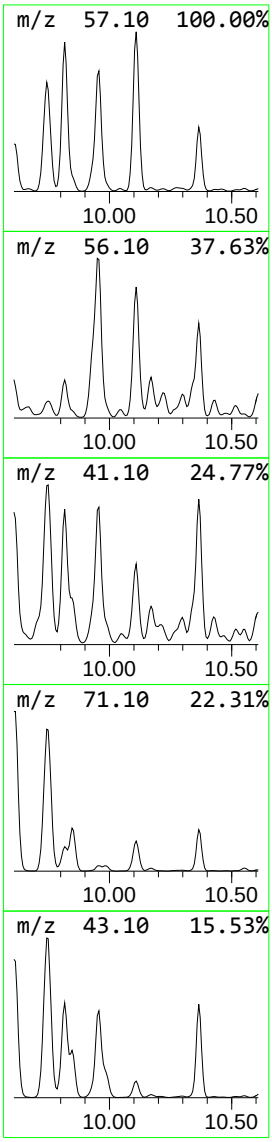
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.109	102.24 ug/l	3476260	Chlorobenzene-d5	11.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	56
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

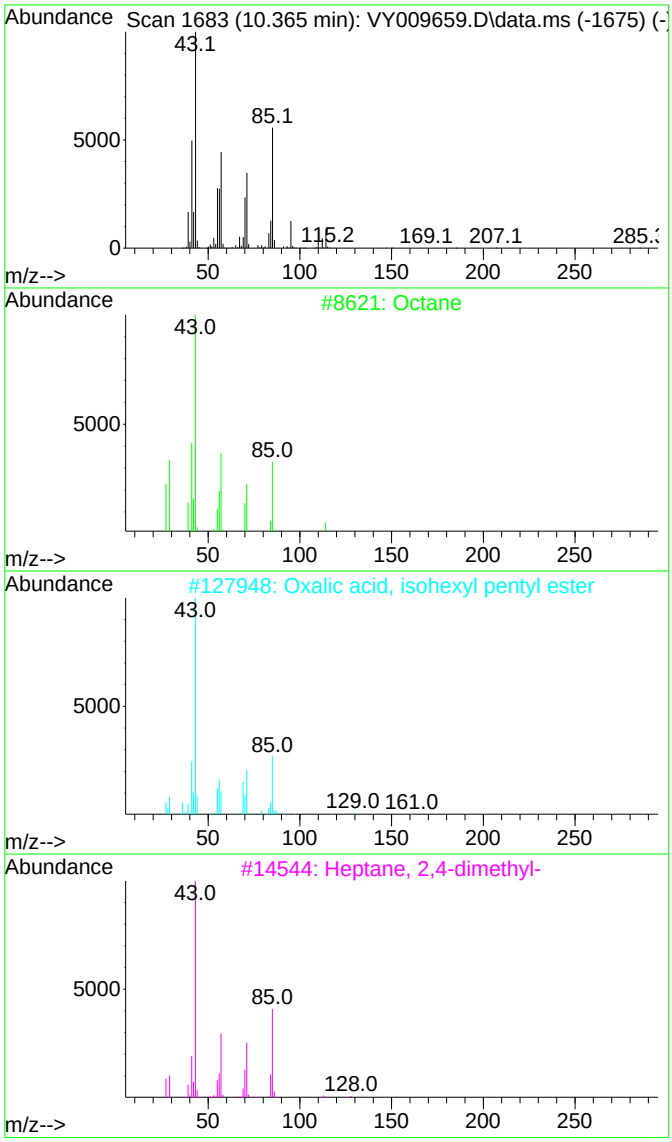
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

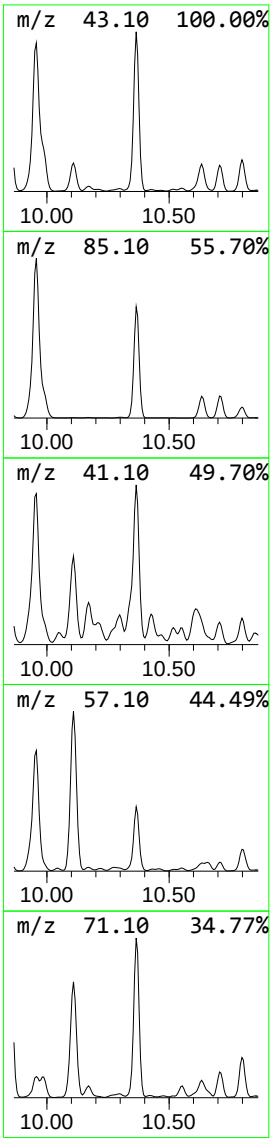
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.365	205.94 ug/l	7002580	Chlorobenzene-d5	11.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

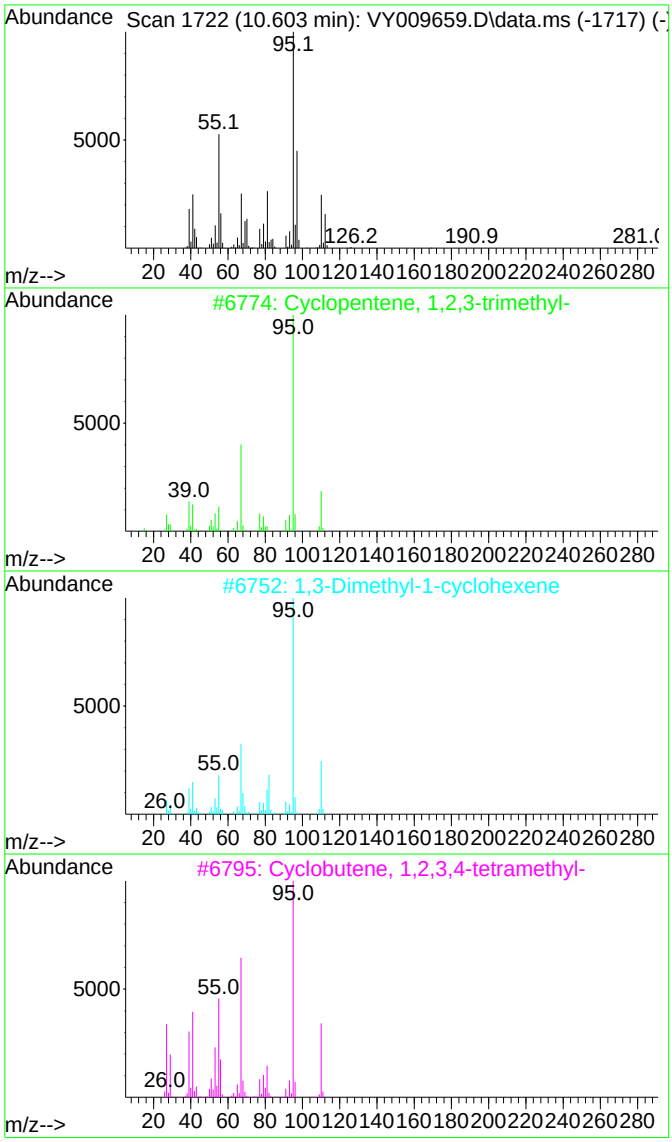
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

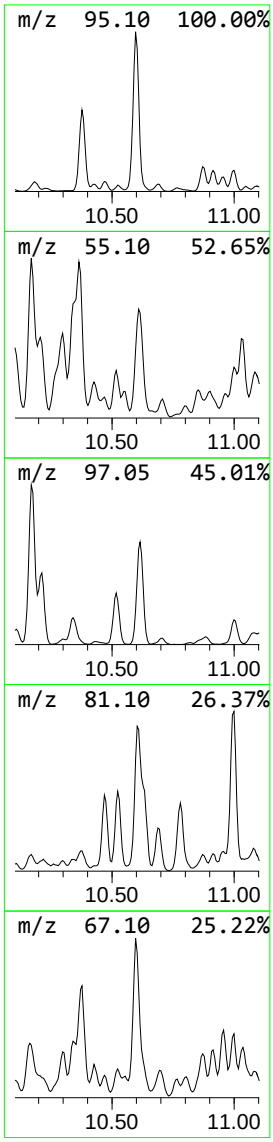
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.603	107.96 ug/l	3670860	Chlorobenzene-d5	11.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	58
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	52
3	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	49
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	46
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

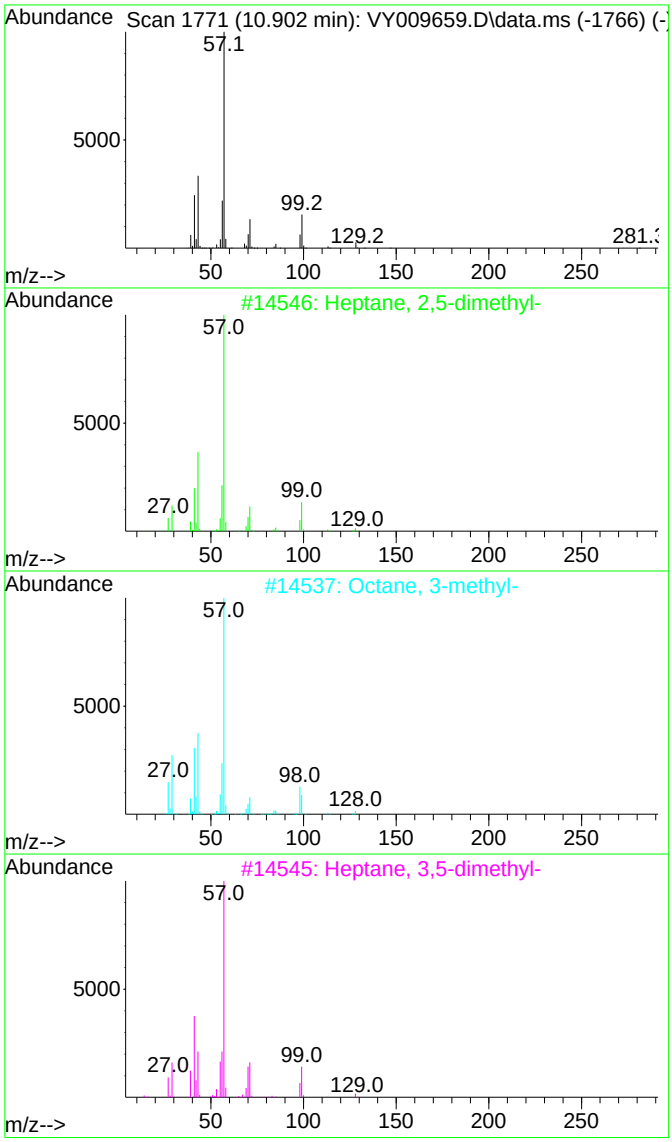
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

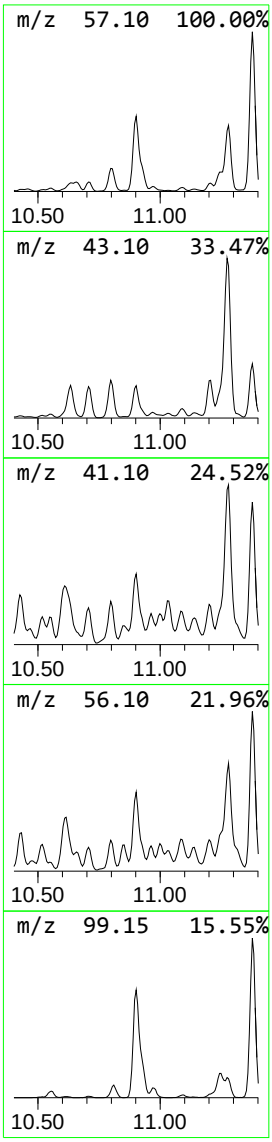
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Heptane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	56.81 ug/l	1931590	Chlorobenzene-d5	11.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	78
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	53
5	Butane, 1-chloro-2-methyl-, (S)-	106	C5H11Cl	040560-29-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

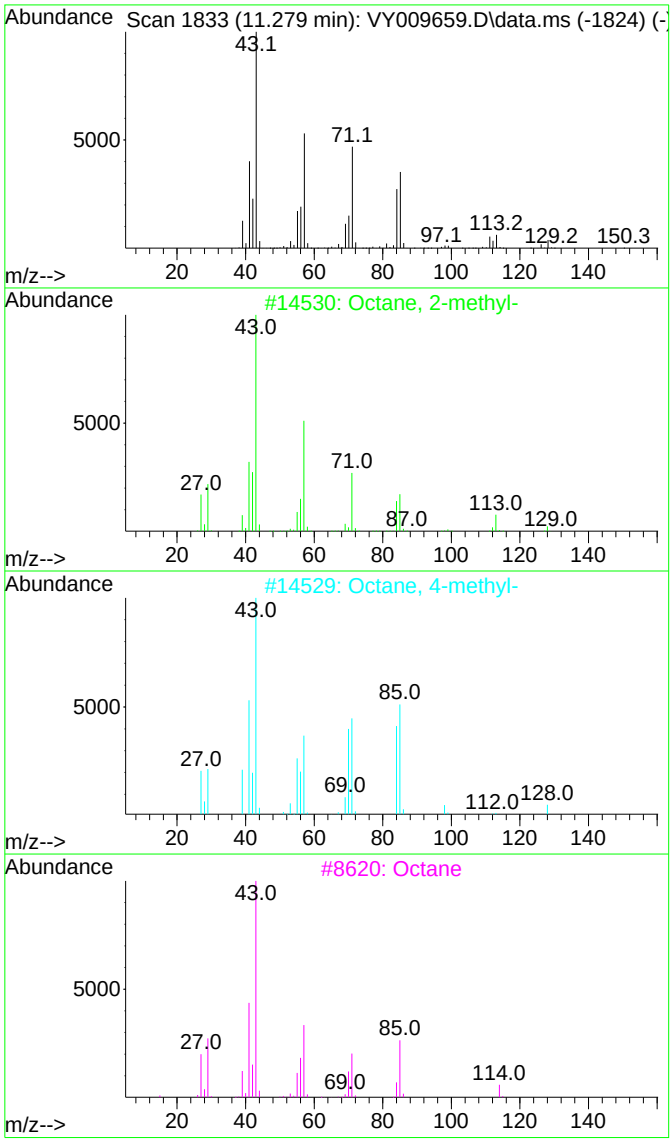
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

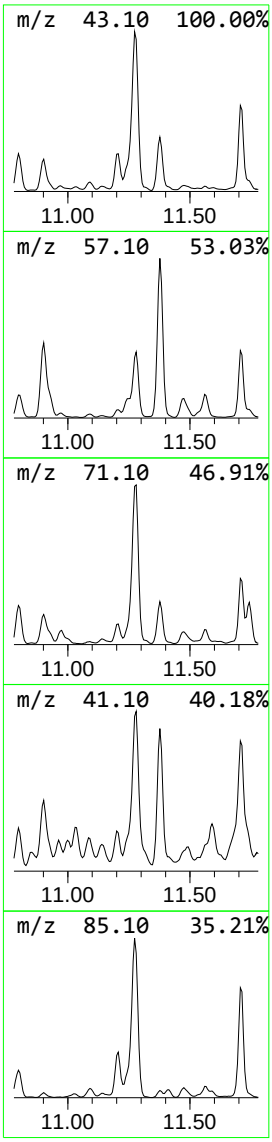
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	171.51 ug/l	5831750	Chlorobenzene-d5	11.487

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	47
3	Octane	114	C8H18	000111-65-9	46
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	46
5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

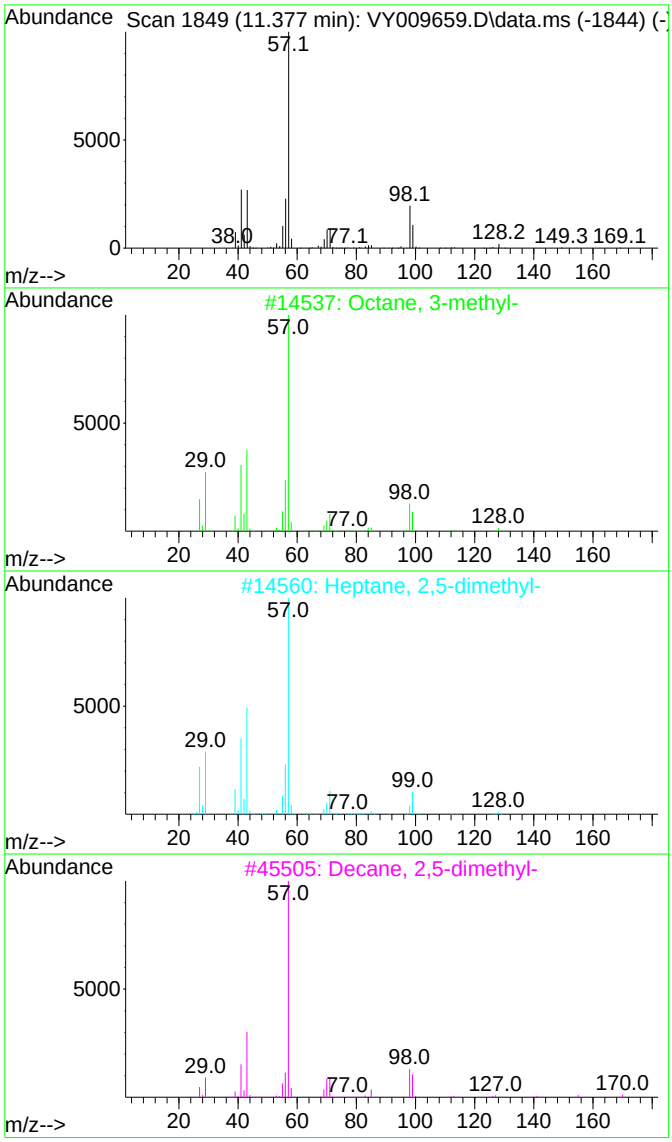
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

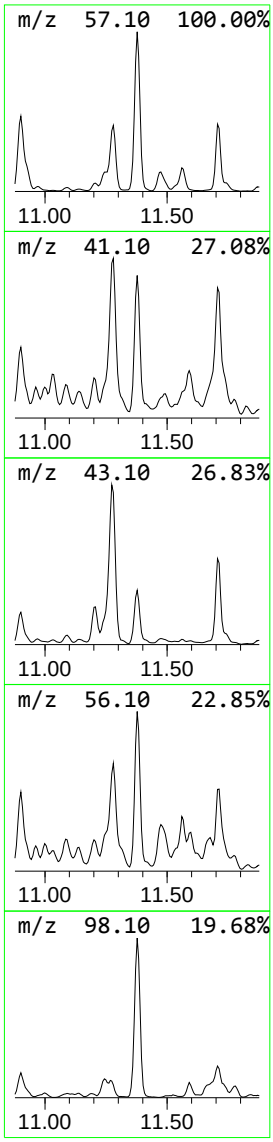
****

Peak Number 14 Octane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.377	100.52 ug/l	3417970	Chlorobenzene-d5	11.487

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	81
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

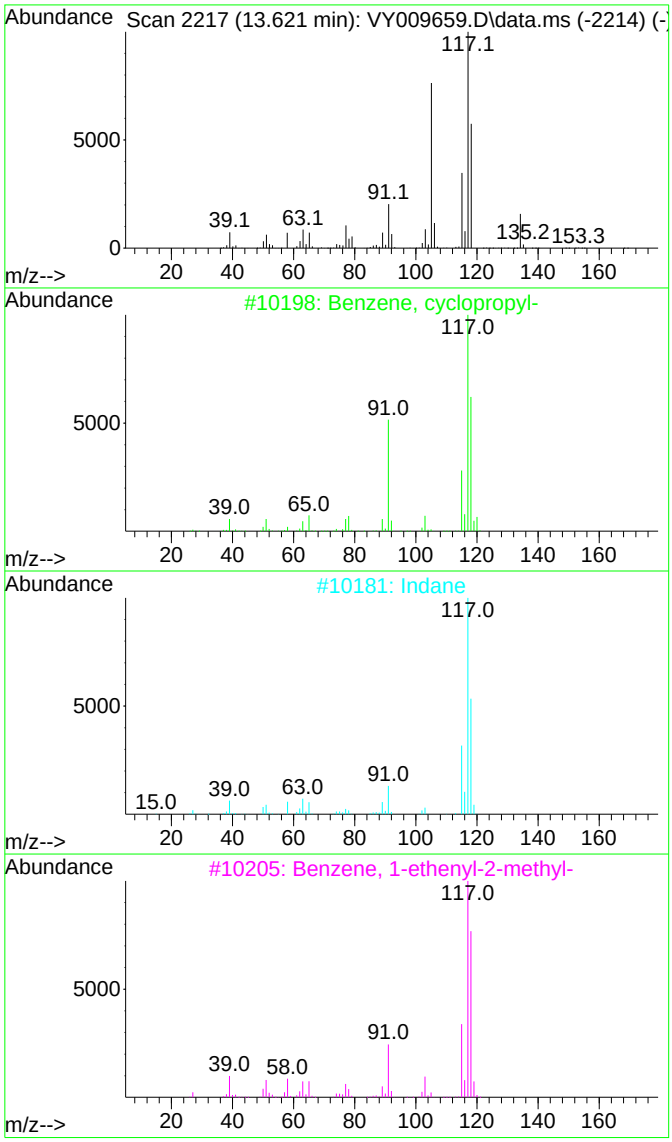
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

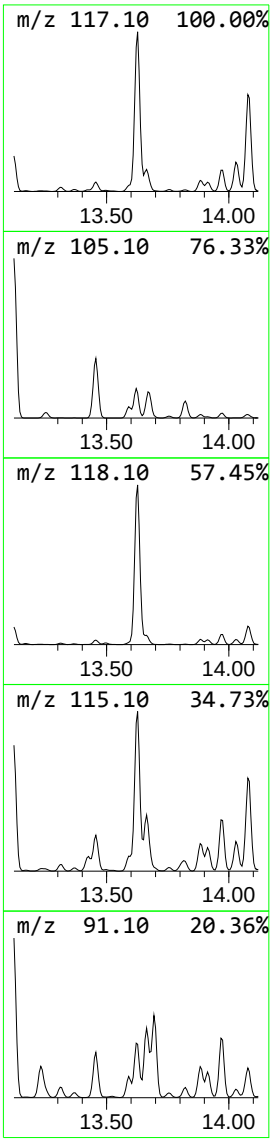
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, cyclopropyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	43.98 ug/l	10939500	1,4-Dichlorobenzene-d4	13.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009659.D
Acq On : 22 Jul 2022 15:00
Operator : KP/MD
Sample : N3773-16
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.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
Butane, 2-methyl-	2.891	43.5	ug/l	12323000	1	7.780	14152800	50.0
Pentane, 2-methyl-	4.750	72.6	ug/l	20538900	1	7.780	14152800	50.0
Butane, 2,2,3,3...	8.323	144.2	ug/l	14961400	2	8.682	5186230	50.0
Heptane	8.542	78.7	ug/l	8158460	2	8.682	5186230	50.0
Pentane, 2,3,4-...	9.609	78.6	ug/l	8152400	2	8.682	5186230	50.0
Heptane, 4-methyl-	9.749	102.6	ug/l	10637000	2	8.682	5186230	50.0
Heptane, 2-methyl-	9.816	49.0	ug/l	5081060	2	8.682	5186230	50.0
Heptane, 3-methyl-	9.957	73.8	ug/l	7657060	2	8.682	5186230	50.0
Hexane, 2,2,4-t...	10.109	102.2	ug/l	3476260	3	11.487	1700130	50.0
Octane	10.365	205.9	ug/l	7002580	3	11.487	1700130	50.0
Cyclopentene, 1...	10.603	108.0	ug/l	3670860	3	11.487	1700130	50.0
Heptane, 2,5-di...	10.902	56.8	ug/l	1931590	3	11.487	1700130	50.0
Octane, 2-methyl-	11.280	171.5	ug/l	5831750	3	11.487	1700130	50.0
Octane, 3-methyl-	11.377	100.5	ug/l	3417970	3	11.487	1700130	50.0
Benzene, cyclop...	13.621	44.0	ug/l	10939500	4	13.425	12437700	50.0