LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

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\82Y020222S.M
Title : SW846 8260

Signal : TIC: VY007469.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	167	178	217	rBV	12030889	33613130	18.55%	1.187%
2	3.253	226	235	259	rBV	12897027	35351673	19.51%	1.249%
3	3.704	300	309	335	rVV	2117407	5688788	3.14%	0.201%
4	3.948	335	349	382	rVB	2060739	6983425	3.85%	0.247%
5	4.600	433	456	463	rBV5	602672	2454972	1.35%	0.087%
6	4.783	463	486	539	rVB2	17291535	123550884	68.18%	4.364%
7	5.259	545	564	601	rBV	13860418	64414589	35.55%	2.275%
8	5.570	601	615	632	rVV	1908698	6876034	3.79%	0.243%
9	5.771	632	648	665	rVV2	14035293	62221431	34.34%	2.198%
10	5.929	665	674	683	rVV	1034168	3618494	2.00%	0.128%
11	6.112	695	704	717	rVV	4569507	15713912	8.67%	0.555%
12	6.253	717	727	736	rVV	2591326	9200695	5.08%	0.325%
13	6.344	736	742	765	rVV4	1084204	7620195	4.21%	0.269%
14	6.557	765	777	790	rVV2	5610481	20853301	11.51%	0.737%
15	6.716	790	803	811	rVV	10072539	41205179	22.74%	1.455%
16	6.813	811	819	841	rVV	14617802	59898843	33.06%	2.116%
17	6.996	841	849	871	rVB	648378	2464667	1.36%	0.087%
18	7.545	919	939	949	rBV3	6517824	23900627	13.19%	0.844%
19	7.801	968	981	990	rBV3	18895301	77132964	42.57%	2.724%
20	7.905	990	998	1008	rVB	15960601	57698331	31.84%	2.038%
21	8.039	1008	1020	1034	rVB	19683986	69375587	38.29%	2.450%
22	8.173	1034	1042	1053	rBV	6979565	16715388	9.22%	0.590%
23	8.374	1054	1075	1083	rBV4	31807416	141569459	78.13%	5.000%
24	8.447	1083	1087	1096	rVB	8810513	20097982	11.09%	0.710%
25	8.581	1096	1109	1120	rVB2	17437521	54240812	29.93%	1.916%
26	8.703	1120	1129	1142	rBV3	12898013	43941867	24.25%	1.552%
27	8.801	1142	1145	1150	rVB	1287230	2201214	1.21%	0.078%
28	8.868	1150	1156	1163	rVB	3490950	7466347	4.12%	0.264%
29	8.984	1163	1175	1194	rVB3	4024708	15733558	8.68%	0.556%
30	9.203	1194	1211	1217	rBV5	23209883	86104923	47.52%	3.041%
31	9.270	1217	1222	1229	rVB	12559130	30868460	17.04%	1.090%
32	9.343	1229	1234	1237	rBV	3872037	7827882	4.32%	0.276%
33	9.386	1237	1241	1247	rVB	7138708	14211091	7.84%	0.502%
34	9.478	1247	1256	1264	rBV3	5387091	14898015	8.22%	0.526%
35	9.569	1264	1271	1274	rBV2	823924	2068978	1.14%	0.073%
36	9.642	1274	1283	1292	rVV	19026459	60369223	33.32%	2.132%

LSC Area Percent Report

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Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
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Instrument :
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ClientSampleId :
A5-1-8.5

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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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Title : SW846 8260

37	9.776	1292	1305	1311	rVV3	29469880	85692149	47.29%	3.027%
38	9.849	1311	1317	1329	rVB2	15155302	58026110	32.02%	2.049%
39	9.984	1329	1339	1349	rBV2	16103630	54792093	30.24%	1.935%
40	10.075	1349	1354	1358	rBV	3683611	7465678	4.12%	0.264%
41	10.136	1358	1364	1370	rVV2	17555402	44394271	24.50%	1.568%
42	10.197	1370	1374	1379	rVV2	9116902	21925990	12.10%	0.774%
43	10.252	1379	1383	1389	rVV2	8573250	19601078	10.82%	0.692%
44	10.319	1389	1394	1397	rVV3	4816210	10092764	5.57%	0.356%
45	10.392	1397	1406	1412	rVV3	15923528	45759553	25.25%	1.616%
46	10.447	1412	1415	1420	rVV2	2636547	4324335	2.39%	0.153%
47	10.538	1425	1430	1439	rBV2	3247894	8220621	4.54%	0.290%
48	10.642	1439	1447	1456	rVV7	9325886	30936253	17.07%	1.093%
49	10.727	1456	1461	1467	rVB2	4898568	9918046	5.47%	0.350%
50	10.819	1467	1476	1481	rBV2	5263342	12117723	6.69%	0.428%
51	10.922	1487	1493	1499	rBV	6519785	13742885	7.58%	0.485%
52	11.050	1511	1514	1519	rVB	3412847	5279903	2.91%	0.186%
53	11.105	1519	1523	1528	rBV	3176631	5687613	3.14%	0.201%
54	11.160	1528	1532	1537	rVB3	2556413	4537357	2.50%	0.160%
55	11.221	1537	1542	1546	rBV	3730219	7578611	4.18%	0.268%
56	11.300	1547	1555	1565	rVB4	13458480	45138089	24.91%	1.594%
57	11.404	1565	1572	1583	rBV	10871137	27668071	15.27%	0.977%
58	11.514	1583	1590	1596	rBV3	3792465	10216353	5.64%	0.361%
59	11.611	1598	1606	1616	rVB2	37020116	87433601	48.25%	3.088%
60	11.727	1616	1625	1635	rBV4	57243560	181203813	100.00%	6.400%
61	11.800	1635	1637	1641	rVB2	3584804	4482960	2.47%	0.158%
62	11.916	1649	1656	1657	rBV5	1291801	2588313	1.43%	0.091%
63	11.953	1657	1662	1666	rVB3	2823354	4733978	2.61%	0.167%
64	12.044	1667	1677	1685	rBV	27919812	64147174	35.40%	2.266%
65	12.136	1687	1692	1697	rVB	4220098	7226290	3.99%	0.255%
66	12.215	1700	1705	1708	rBV2	3835177	7146369	3.94%	0.252%
67	12.251	1708	1711	1716	rVB3	3201705	5514168	3.04%	0.195%
68	12.343	1720	1726	1730	rBV	8260569	15361600	8.48%	0.543%
69	12.465	1743	1746	1754	rVB4	7276137	16861646	9.31%	0.596%
70	12.544	1754	1759	1764	rVB	5067479	7883867	4.35%	0.278%
71	12.684	1772	1782	1787	rBV	18648135	43294940	23.89%	1.529%
72	12.757	1787	1794	1797	rVV2	45161274	98233229	54.21%	3.470%
73	12.788	1797	1799	1802	rVV	28692388	40338077	22.26%	1.425%
74	12.831	1802	1806	1812	rVB	33828295	59783524	32.99%	2.112%
75	12.983	1824	1831	1839	rBV	23204816	49743517	27.45%	1.757%
76	13.050	1839	1842	1849	rVB3	2921909	5278654	2.91%	0.186%

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Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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A5-1-8.5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

77	13.142	1849	1857	1863	rBV2	51793601	115708258	63.86%	4.087%
78	13.257	1868	1876	1880	rBV3	4466815	12129795	6.69%	0.428%
79	13.324	1880	1887	1891	rVB3	5975831	11634319	6.42%	0.411%
80	13.373	1891	1895	1898	rBV2	2741145	3979894	2.20%	0.141%
81	13.465	1903	1910	1915	rBV	19647793	37054453	20.45%	1.309%
82	13.599	1927	1932	1934	rBV	8021291	12431213	6.86%	0.439%
83	13.635	1934	1938	1941	rVV2	21089580	36445263	20.11%	1.287%
84	13.672	1941	1944	1953	rVB4	14060518	31171112	17.20%	1.101%
85	13.757	1953	1958	1963	rBV2	6485855	9400117	5.19%	0.332%
86	13.824	1963	1969	1975	rBV2	4660225	7763225	4.28%	0.274%
87	13.891	1975	1980	1983	rBV2	7085171	13150422	7.26%	0.464%
88	13.977	1989	1994	1999	rVB	10839595	15922279	8.79%	0.562%
89	14.038	1999	2004	2007	rVV	1617178	2293953	1.27%	0.081%
90	14.086	2007	2012	2017	rVB2	7138563	11142005	6.15%	0.394%
91	14.160	2017	2024	2028	rVB5	922111	2254906	1.24%	0.080%
92	14.215	2028	2033	2037	rBV2	1605599	2623757	1.45%	0.093%
93	14.300	2043	2047	2050	rVV2	2445928	3304890	1.82%	0.117%
94	14.336	2050	2053	2057	rVB	2977466	3941325	2.18%	0.139%
95	14.385	2057	2061	2064	rBV2	1486581	2090915	1.15%	0.074%
96	14.568	2087	2091	2095	rVV	2432846	3861260	2.13%	0.136%
97	14.611	2095	2098	2103	rVB2	1319071	1897816	1.05%	0.067%
98	14.684	2103	2110	2115	rBV3	2948567	6310849	3.48%	0.223%
99	15.239	2191	2201	2206	rBV	1208465	2252872	1.24%	0.080%

Sum of corrected areas: 2831289084

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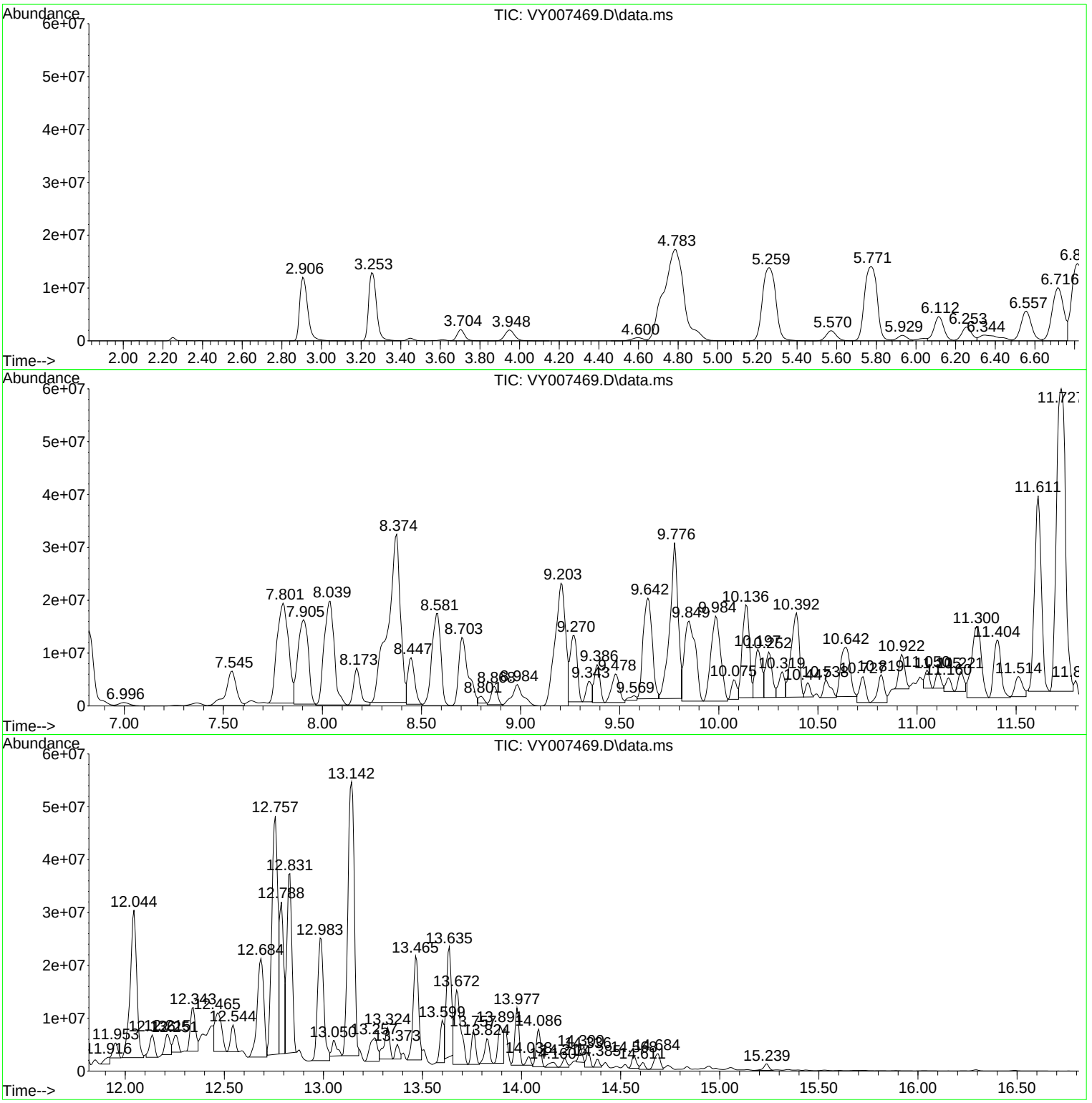
Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
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Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

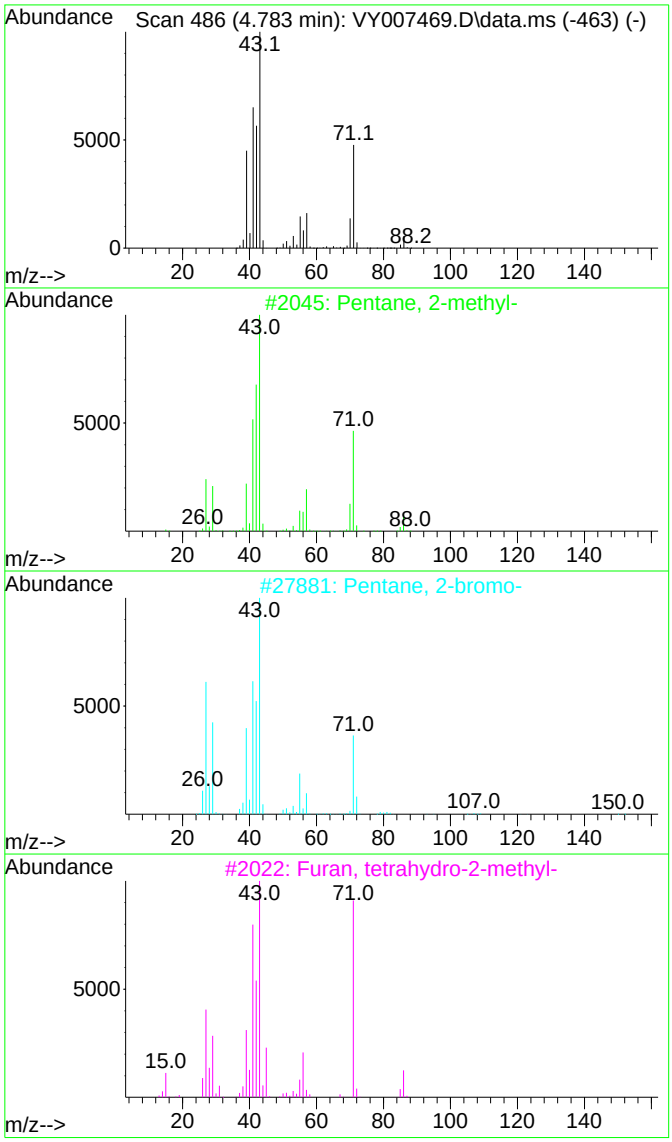
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

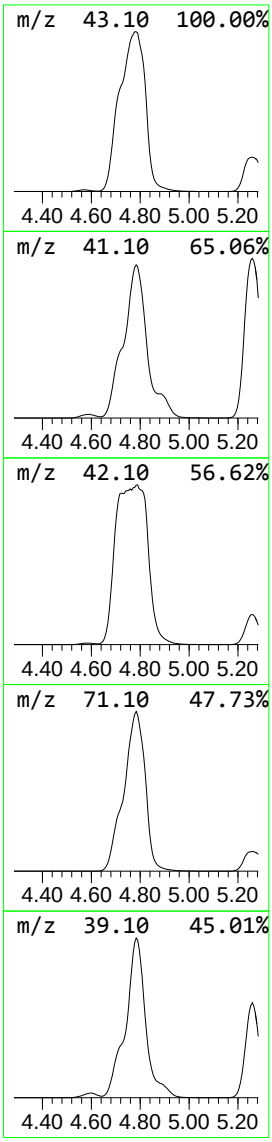
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.783	80.09 ug/l	123551000	Pentafluorobenzene	7.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	76
2	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	56
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

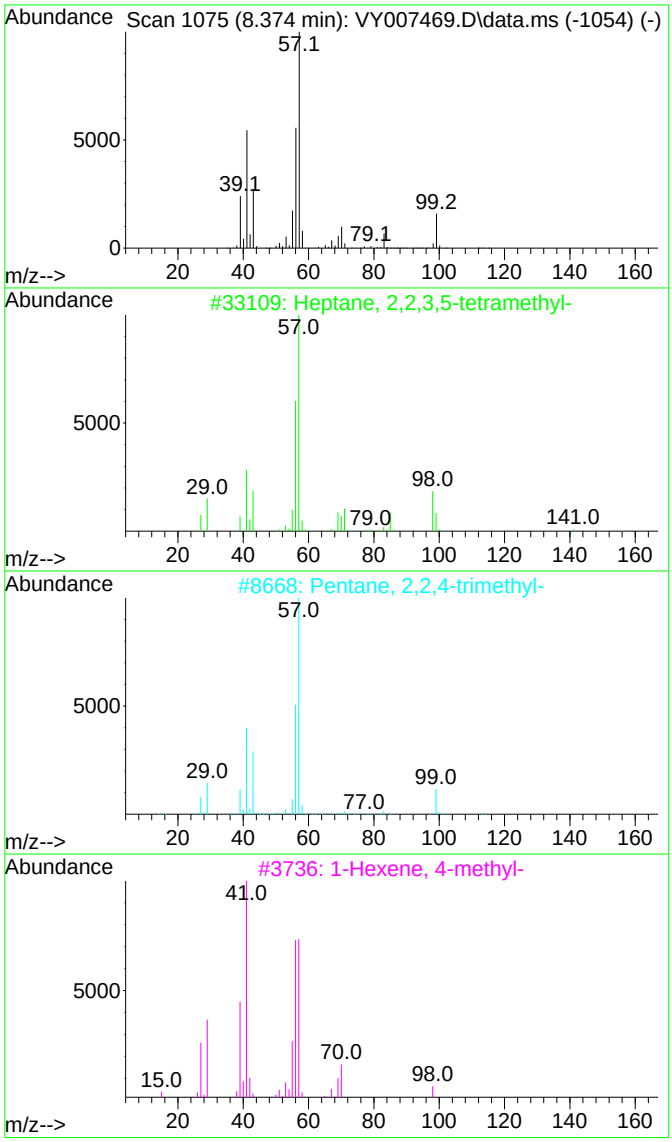
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

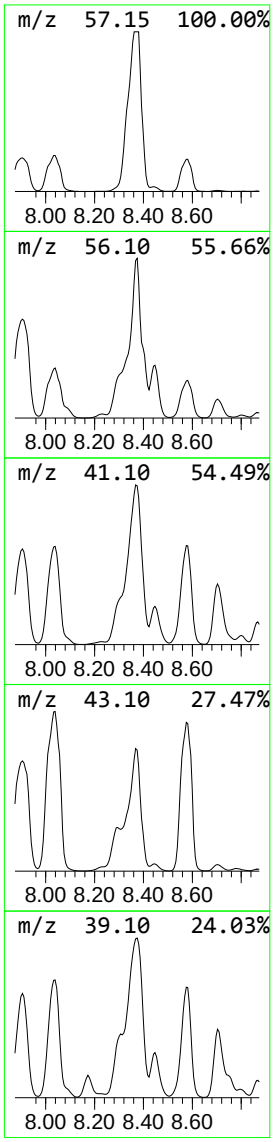
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 2,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.374	161.09 ug/l	141569000	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50





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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

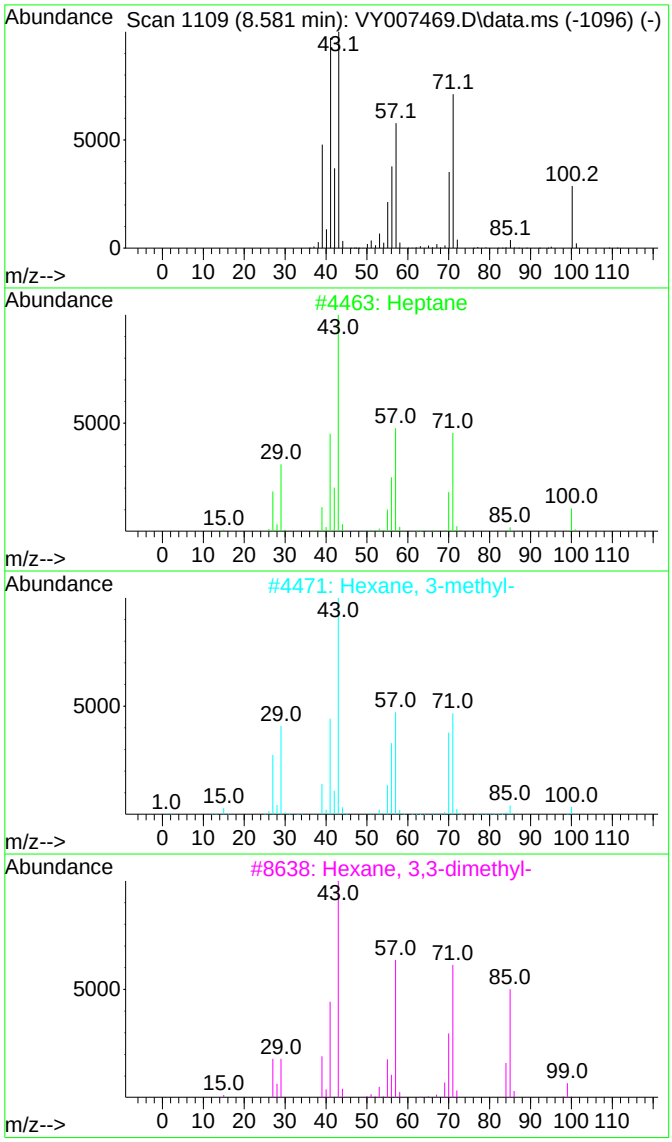
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

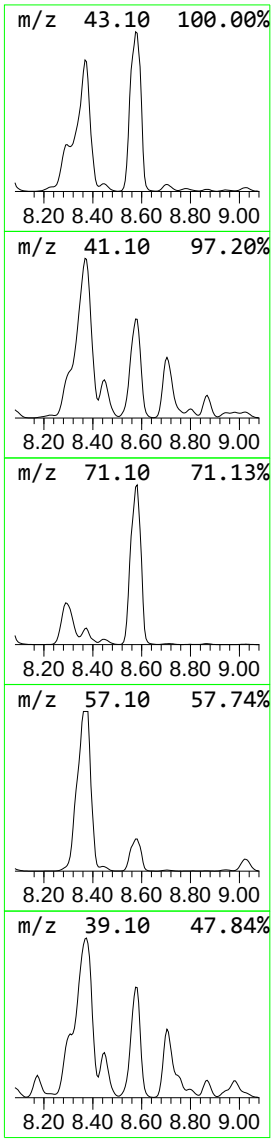
****

Peak Number 3 Heptane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	61.72 ug/l	54240800	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	74
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35
5	3-Hexanone	100	C6H12O	000589-38-8	27





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Data File : VY007469.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

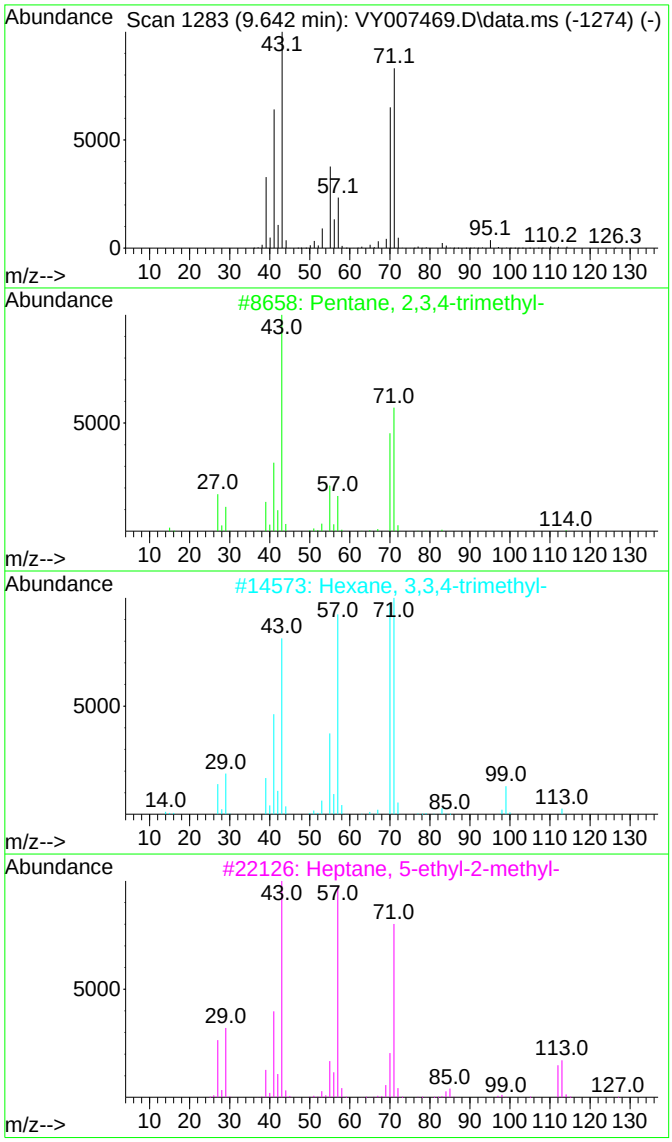
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

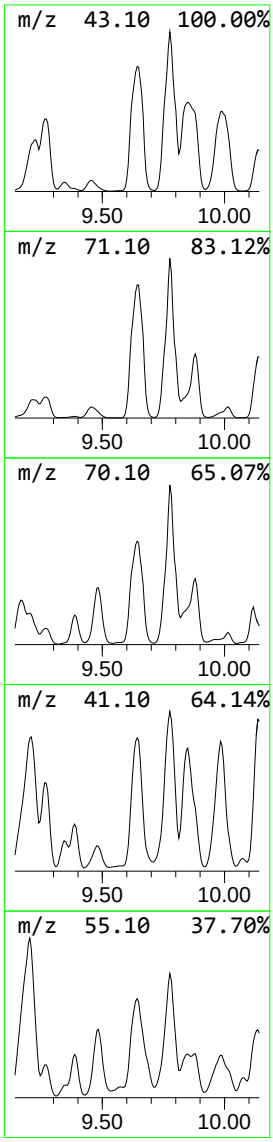
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.642	68.69 ug/l	60369200	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	56
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

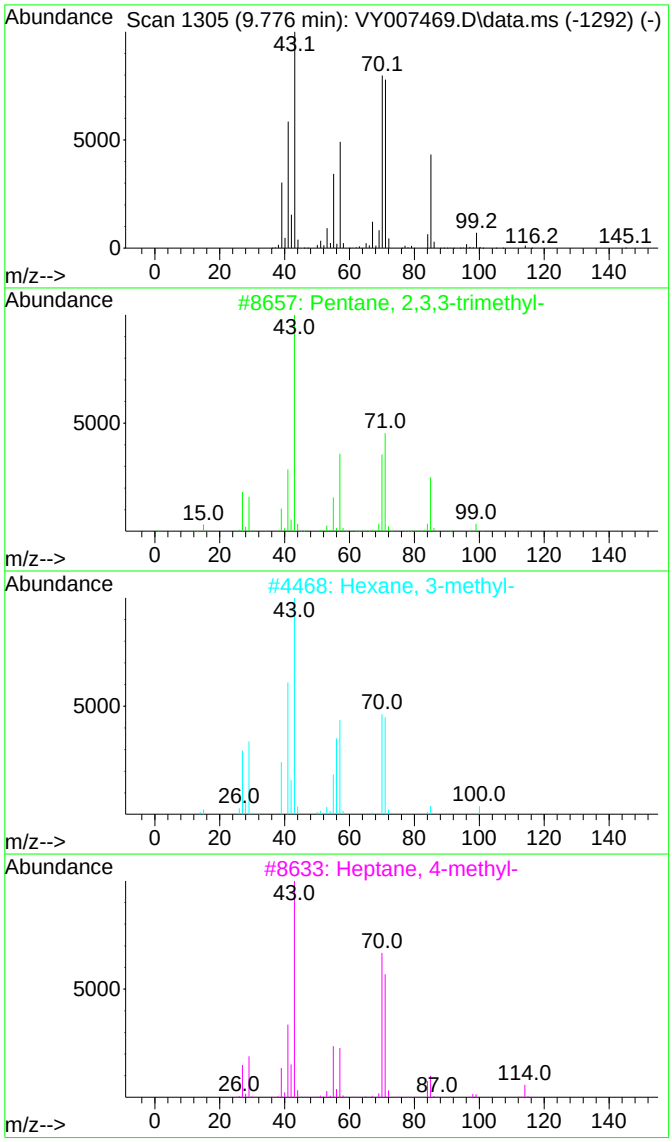
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

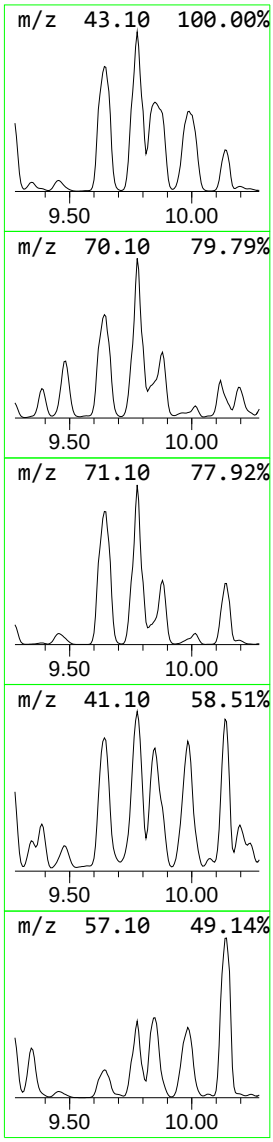
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.776	97.51 ug/l	85692100	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
4	3,4-Diethyl hexane	142	C10H22	019398-77-7	53
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

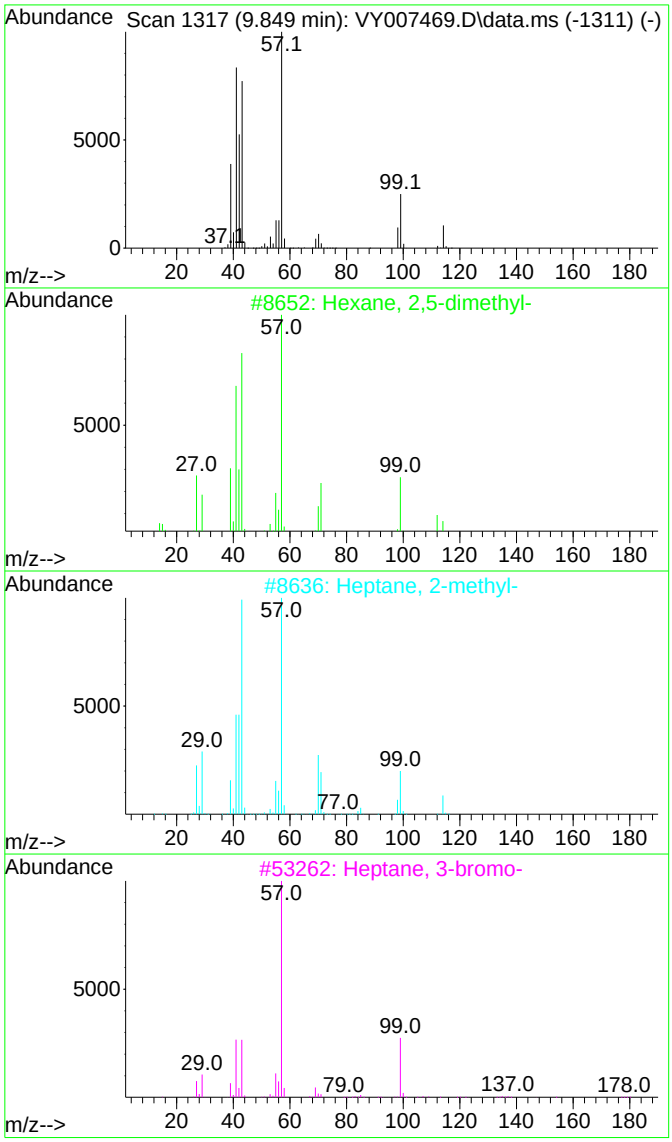
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

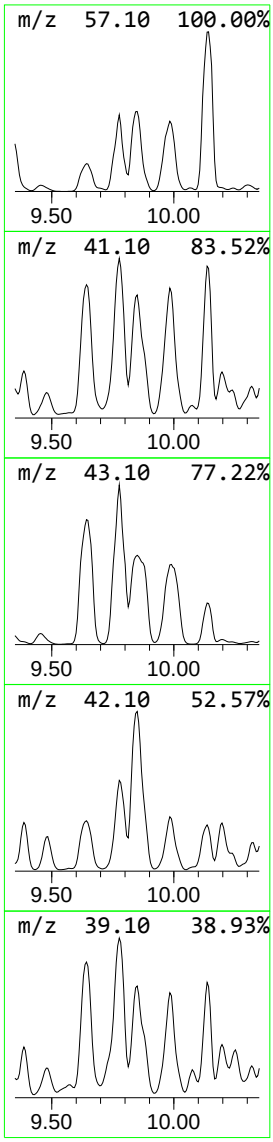
****

Peak Number 6 unknown9.849 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.849	66.03 ug/l	58026100	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	49
3	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	22
4	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	22
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	16





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Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

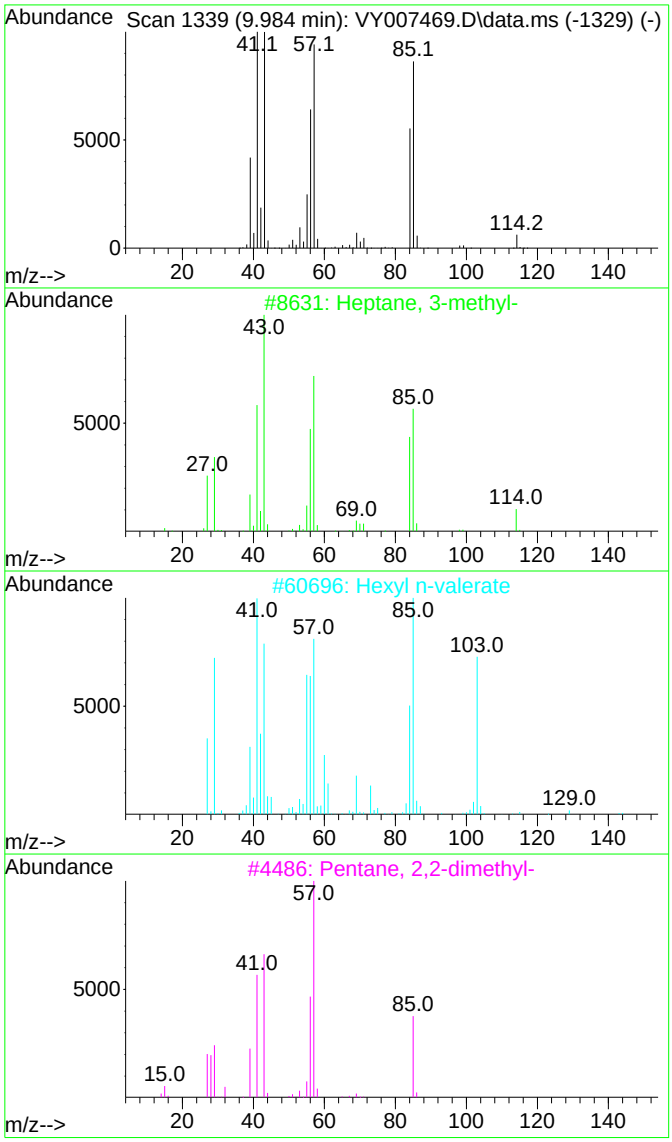
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

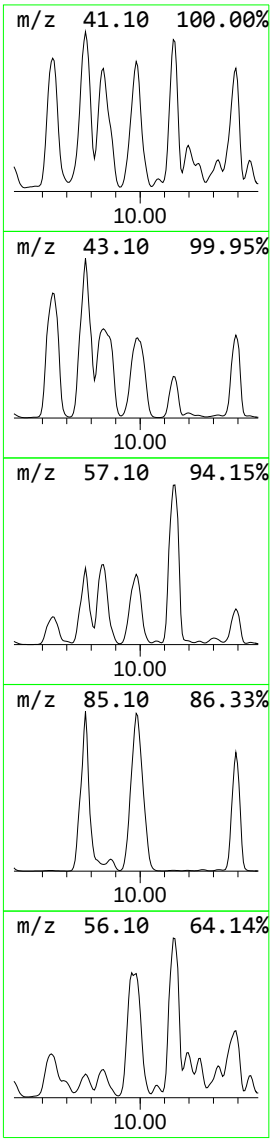
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.984	62.35 ug/l	54792100	1,4-Difluorobenzene	8.697

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
2	Hexyl n-valerate	186	C11H22O2	001117-59-5	50
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5	Piperazine, 1-nitroso-	115	C4H9N3O	005632-47-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

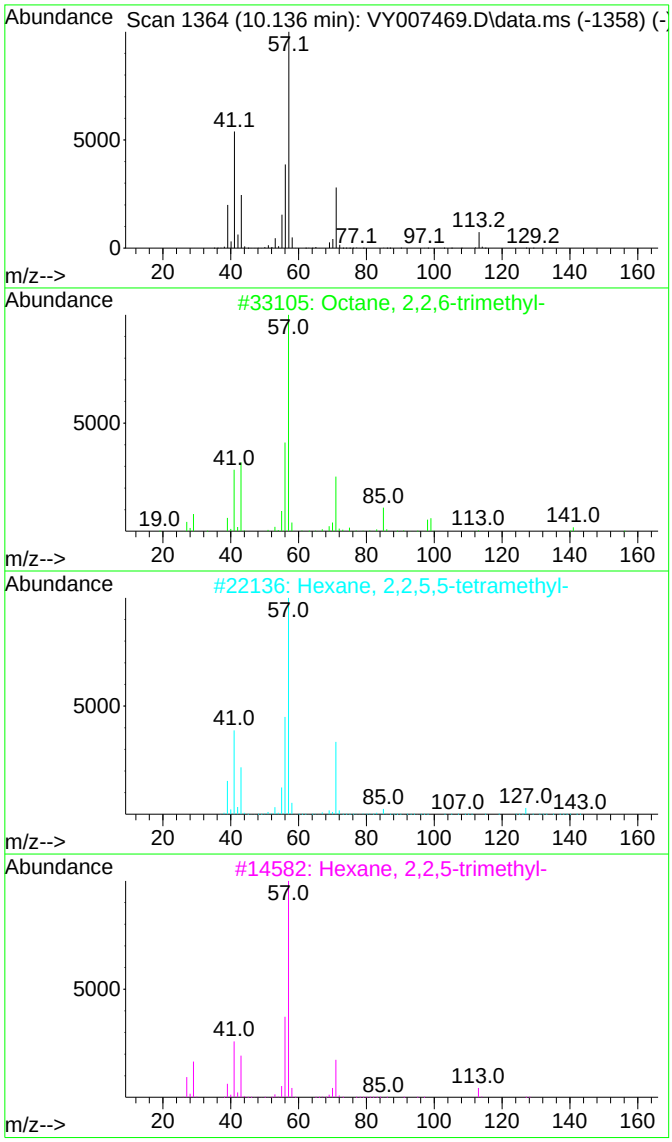
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

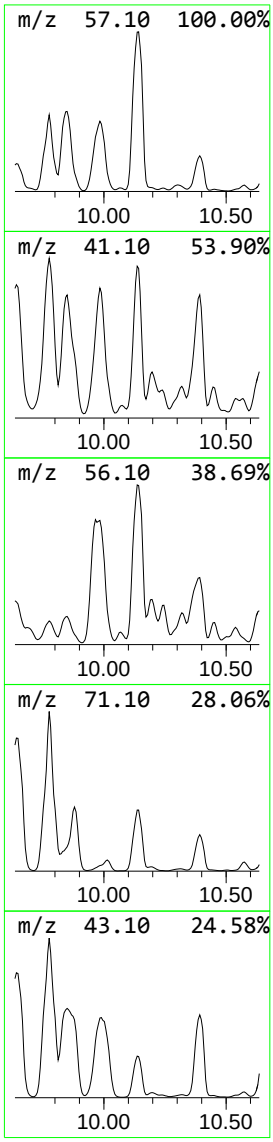
****

Peak Number 8 Octane, 2,2,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.136	217.27 ug/l	44394300	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	56
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

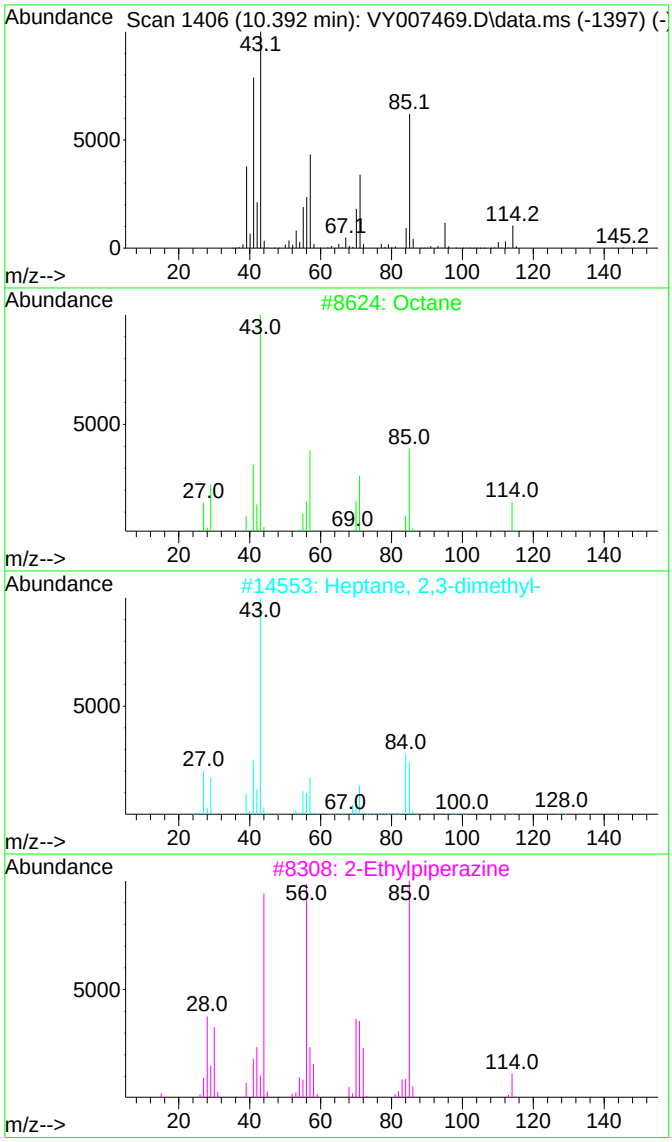
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

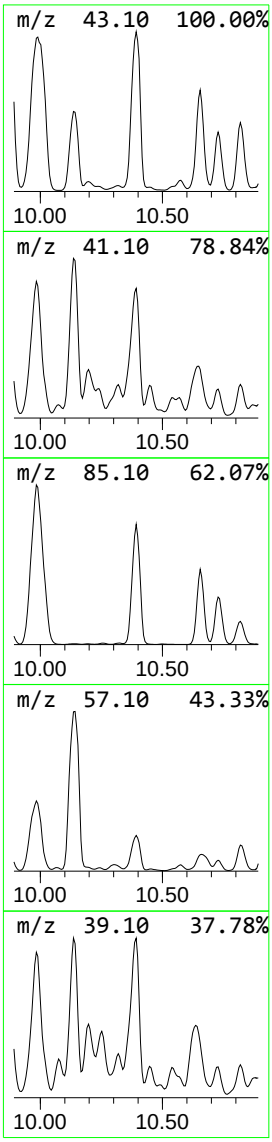
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	223.95 ug/l	45759600	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
3	2-Ethylpiperazine	114	C6H14N2	013961-37-0	53
4	Methylamine, N-(1-ethylpentylide...	127	C8H17N	018641-73-1	53
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

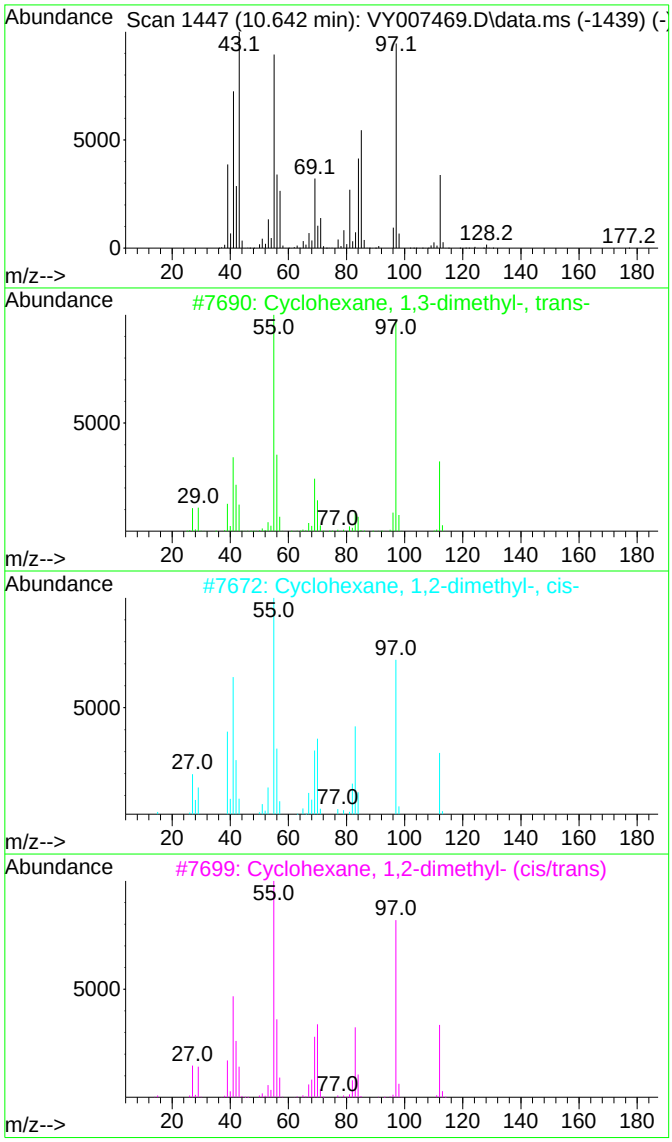
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

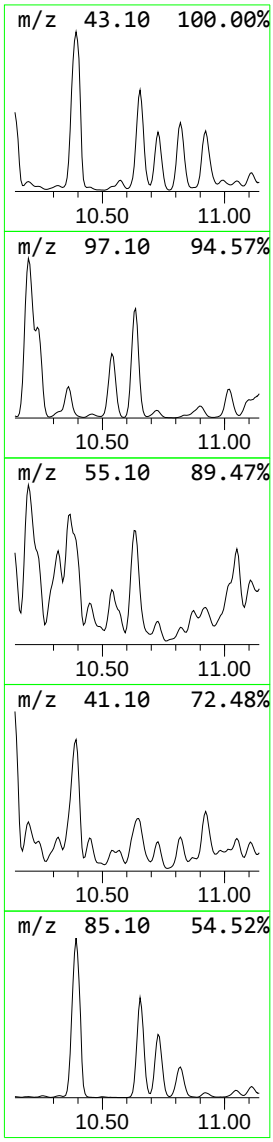
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.642	151.41 ug/l	30936300	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	60
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	49
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	49
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

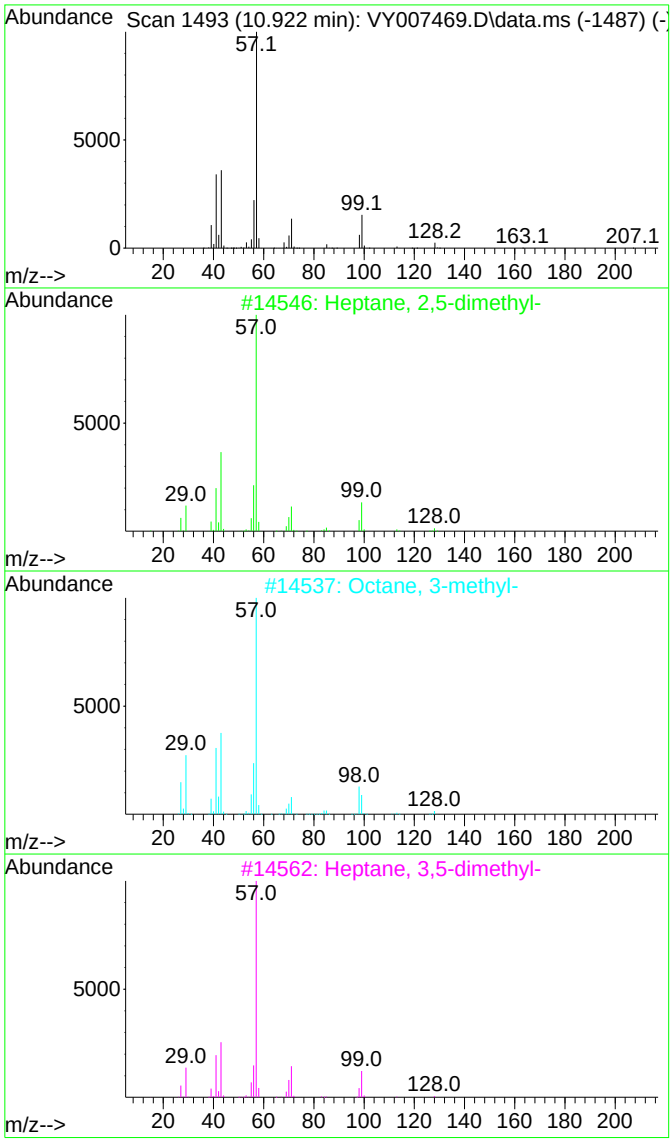
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

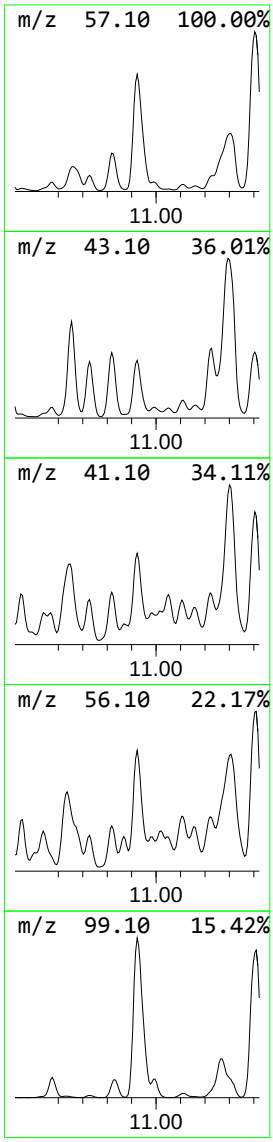
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Heptane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	67.26 ug/l	13742900	Chlorobenzene-d5	11.502

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	86
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	80
4	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	72
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

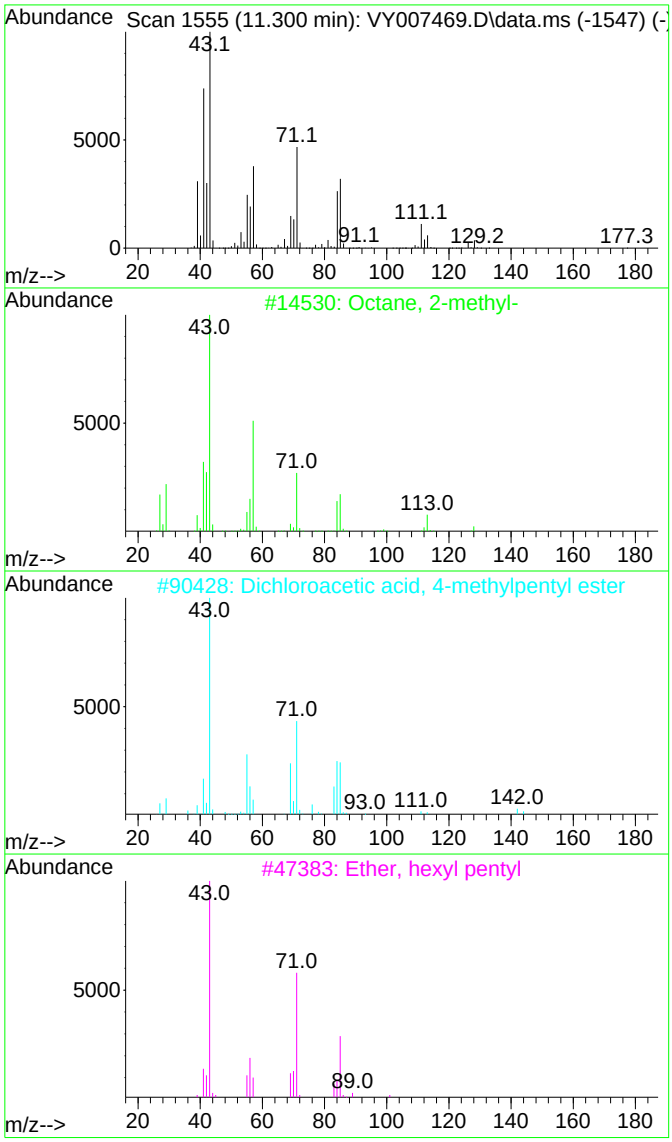
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

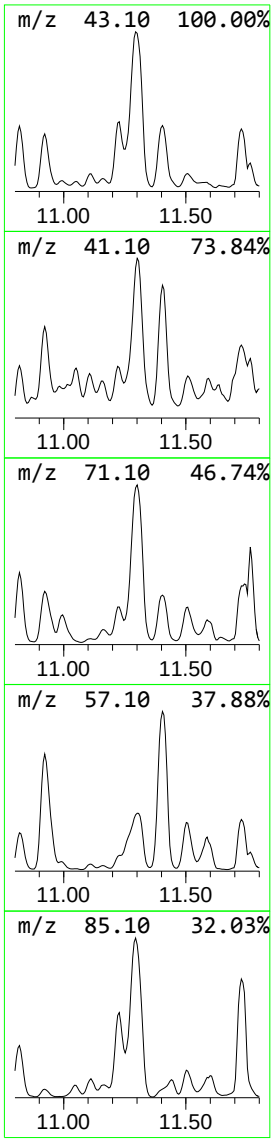
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.300	220.91 ug/l	45138100	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5	Octane, 4-methyl-	128	C9H20	002216-34-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

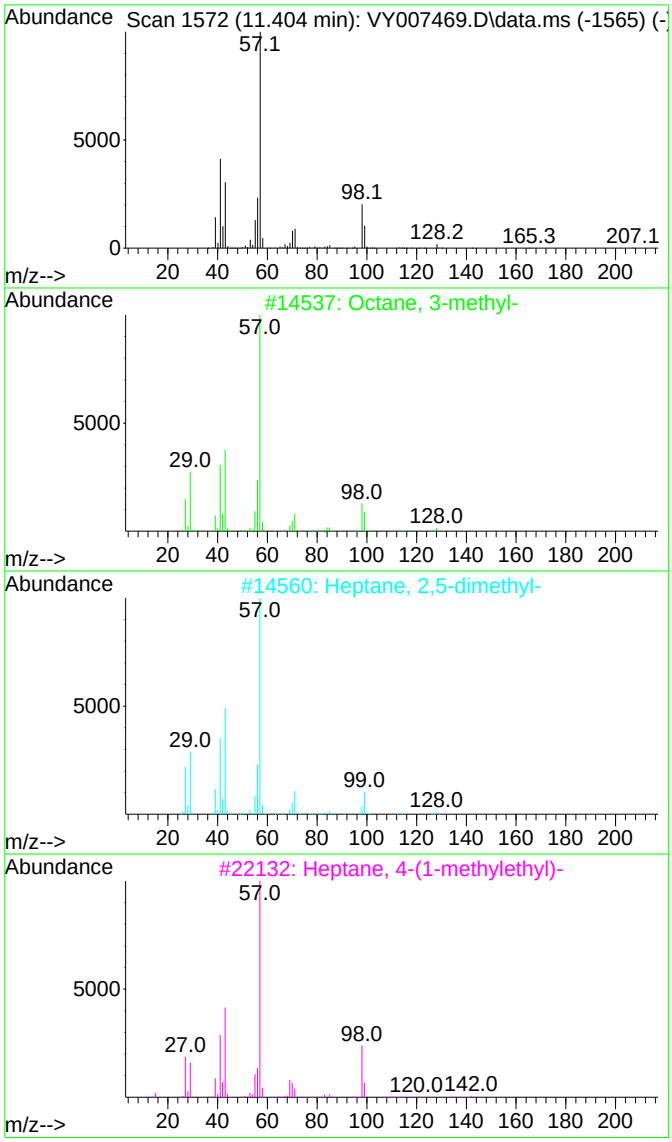
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

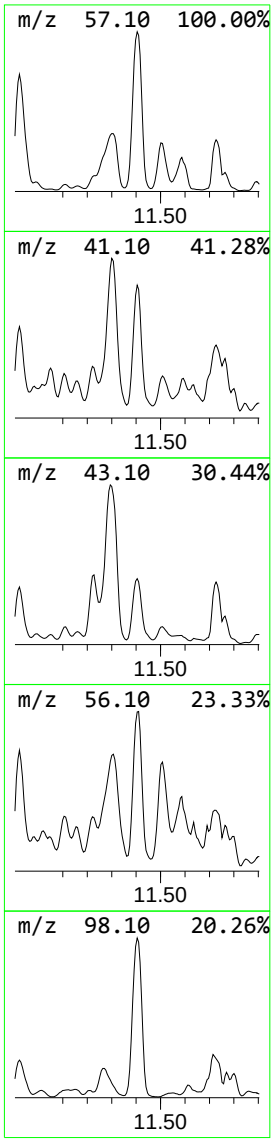
****

Peak Number 13 Octane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	135.41 ug/l	27668100	Chlorobenzene-d5	11.502

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	58
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

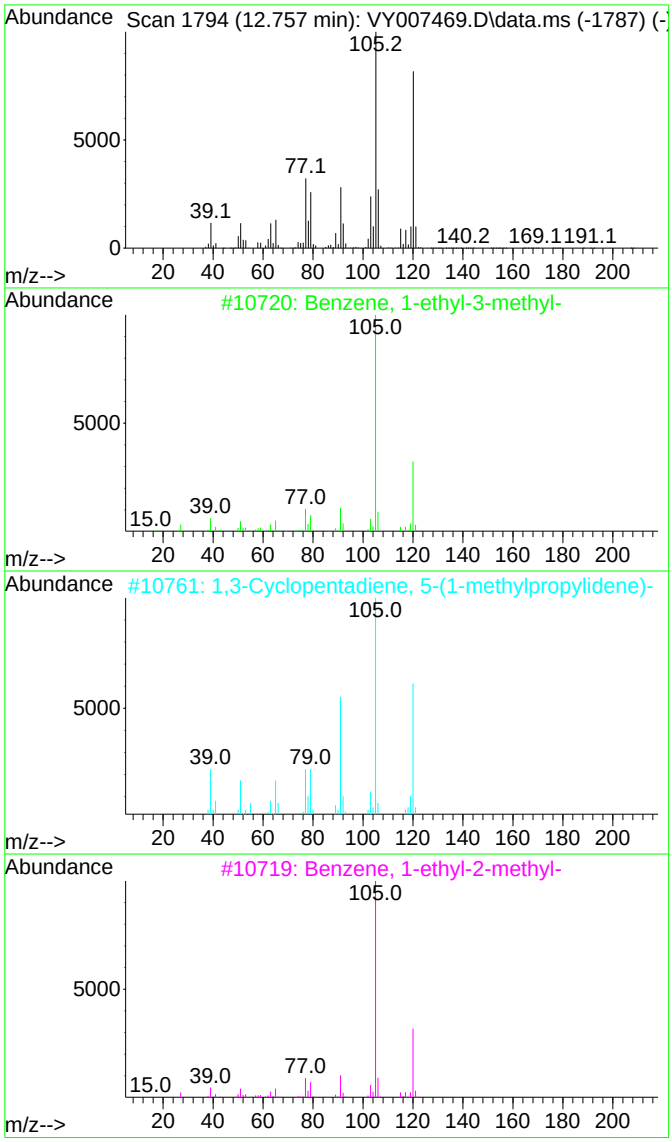
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

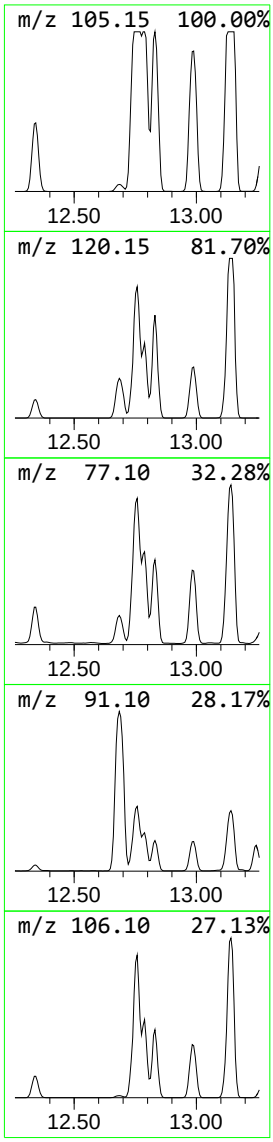
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.758	132.55 ug/l	98233200	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

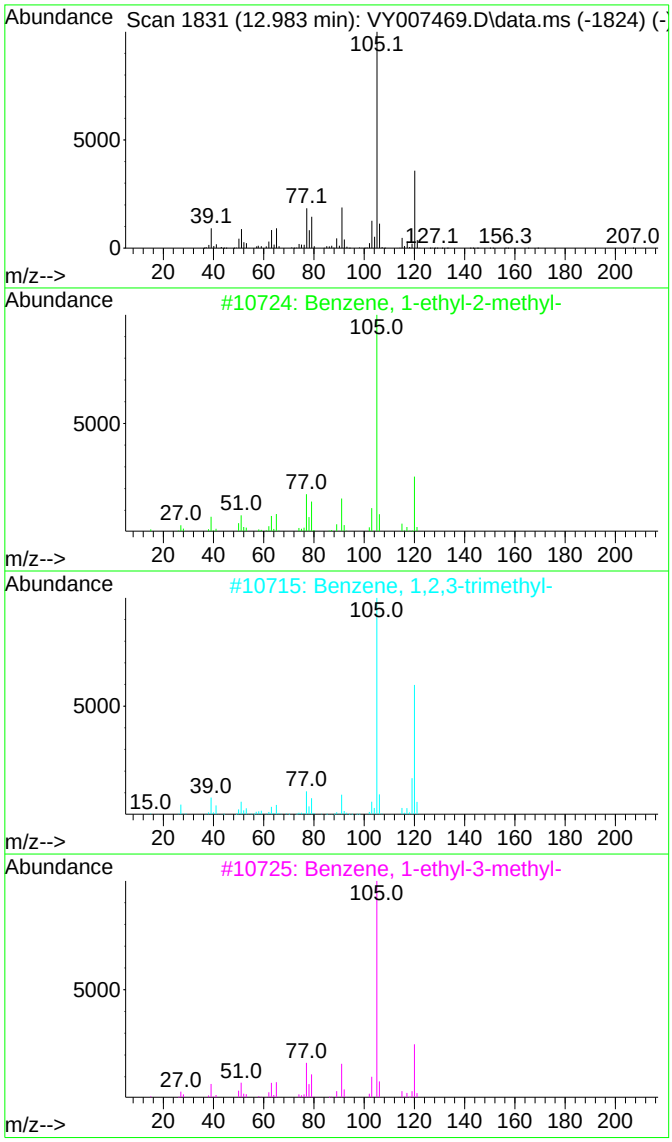
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

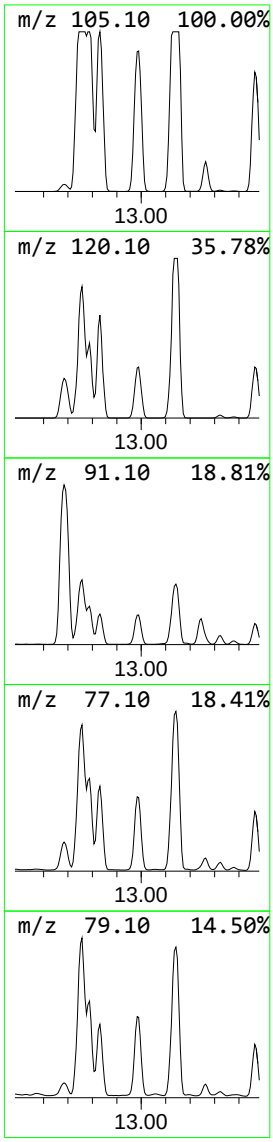
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	67.12 ug/l	49743500	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
Data File : VY007469.D
Acq On : 10 Feb 2022 14:14
Operator : SY/MD
Sample : N1465-01
Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-1-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.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-methyl-	4.783	80.1	ug/l	123551000	1	7.807	77133000	50.0
Heptane, 2,2,3,...	8.374	161.1	ug/l	141569000	2	8.697	43941900	50.0
Heptane	8.581	61.7	ug/l	54240800	2	8.697	43941900	50.0
Pentane, 2,3,4-...	9.642	68.7	ug/l	60369200	2	8.697	43941900	50.0
Pentane, 2,3,3-...	9.776	97.5	ug/l	85692100	2	8.697	43941900	50.0
unknown9.849	9.849	66.0	ug/l	58026100	2	8.697	43941900	50.0
Heptane, 3-methyl-	9.984	62.4	ug/l	54792100	2	8.697	43941900	50.0
Octane, 2,2,6-t...	10.136	217.3	ug/l	44394300	3	11.502	10216400	50.0
Octane	10.392	223.9	ug/l	45759600	3	11.502	10216400	50.0
Cyclohexane, 1,...	10.642	151.4	ug/l	30936300	3	11.502	10216400	50.0
Heptane, 2,5-di...	10.922	67.3	ug/l	13742900	3	11.502	10216400	50.0
Octane, 2-methyl-	11.300	220.9	ug/l	45138100	3	11.502	10216400	50.0
Octane, 3-methyl-	11.404	135.4	ug/l	27668100	3	11.502	10216400	50.0
Benzene, 1-ethy...	12.758	132.6	ug/l	98233200	4	13.434	37054500	50.0
Benzene, 1-ethy...	12.983	67.1	ug/l	49743500	4	13.434	37054500	50.0