LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

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: VY009662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.887	164	175	211	rVB	5520718	12220919	46.08%	2.350%
2	3.235	222	232	257	rBV	2323961	5490647	20.70%	1.056%
3	3.924	331	345	365	rBV	285083	939255	3.54%	0.181%
4	4.747	457	480	523	rVB	5776003	26190353	98.75%	5.036%
5	5.222	541	558	593	rVB	3617733	12680058	47.81%	2.438%
6	5.735	628	642	659	rBV	1643896	5079919	19.15%	0.977%
7	6.088	689	700	712	rVB	546797	1643815	6.20%	0.316%
8	6.228	712	723	732	rBV	302652	955382	3.60%	0.184%
9	6.521	760	771	785	rBV3	643733	2092641	7.89%	0.402%
10	6.673	785	796	805	rBV	1706612	5422592	20.45%	1.043%
11	6.783	805	814	824	rVB	2975758	8699780	32.80%	1.673%
12	7.515	928	934	944	rVB	611916	1577026	5.95%	0.303%
13	7.759	964	974	984	rVV2	8062491	20484540	77.24%	3.939%
14	7.862	984	991	1003	rVB	4143812	10503360	39.60%	2.020%
15	7.996	1003	1013	1029	rBV	8643363	19553378	73.73%	3.760%
16	8.271	1049	1058	1060	rBV2	2575459	5611570	21.16%	1.079%
17	8.319	1060	1066	1076	rVV	10327367	26521900	100.00%	5.100%
18	8.411	1076	1081	1092	rVB	1544003	3683456	13.89%	0.708%
19	8.539	1092	1102	1115	rVB	3093126	6435554	24.27%	1.237%
20	8.679	1115	1125	1131	rBV2	1998435	4850373	18.29%	0.933%
21	9.179	1192	1207	1212	rBV2	8113766	20100012	75.79%	3.865%
22	9.240	1212	1217	1224	rVB	3071342	5868825	22.13%	1.128%
23	9.313	1224	1229	1233	rBV	640141	1303180	4.91%	0.251%
24	9.362	1233	1237	1243	rVB	1500032	2636283	9.94%	0.507%
25	9.459	1243	1253	1260	rBV2	1250347	2881453	10.86%	0.554%
26	9.612	1271	1278	1288	rBV	7244288	14085347	53.11%	2.708%
27	9.746	1288	1300	1306	rBV2	9799957	21743416	81.98%	4.181%
28	9.819	1306	1312	1315	rBV	5677990	9913309	37.38%	1.906%
29	9.953	1324	1334	1345	rBV	6408311	14682844	55.36%	2.823%
30	10.106	1353	1359	1365	rVB3	3013661	5434071	20.49%	1.045%
31	10.173	1365	1370	1374	rBV2	2607100	4877933	18.39%	0.938%
32	10.301	1382	1391	1394	rBV3	1243359	2626826	9.90%	0.505%
33	10.368	1394	1402	1408	rVB3	5282131	10733618	40.47%	2.064%
34	10.520	1422	1427	1430	rBV2	735251	1208036	4.55%	0.232%
35	10.606	1435	1441	1453	rBV5	2131300	5597811	21.11%	1.076%
36	10.709	1453	1458	1463	rVB	1159520	2002632	7.55%	0.385%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
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Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

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	10.801	1463	1473	1477	rBV2	1293079	2427988	9.15%	0.467%
38	10.898	1484	1489	1496	rVB	1621967	2969485	11.20%	0.571%
39	11.002	1502	1506	1508	rVV2	697331	1076211	4.06%	0.207%
40	11.032	1508	1511	1515	rVV	953017	1346593	5.08%	0.259%
41	11.087	1515	1520	1525	rVV	955516	1560653	5.88%	0.300%
42	11.142	1525	1529	1534	rVB2	584579	962208	3.63%	0.185%
43	11.203	1534	1539	1542	rBV	971793	1515613	5.71%	0.291%
44	11.276	1542	1551	1562	rVB3	5217874	11847120	44.67%	2.278%
45	11.380	1562	1568	1577	rBV	3911071	6659428	25.11%	1.281%
46	11.490	1580	1586	1591	rBV4	722678	1299200	4.90%	0.250%
47	11.587	1594	1602	1611	rBV	8000211	13192304	49.74%	2.537%
48	11.703	1611	1621	1630	rBV3	5039255	12477744	47.05%	2.399%
49	11.776	1630	1633	1638	rVB	705041	1053701	3.97%	0.203%
50	12.002	1663	1670	1677	rBV4	1213197	3257104	12.28%	0.626%
51	12.118	1685	1689	1693	rVB	974332	1439185	5.43%	0.277%
52	12.197	1693	1702	1705	rBV4	894252	1682003	6.34%	0.323%
53	12.239	1705	1709	1713	rVB4	658870	1073155	4.05%	0.206%
54	12.325	1719	1723	1727	rBV	1304039	2077396	7.83%	0.399%
55	12.410	1734	1737	1739	rVV	749695	971361	3.66%	0.187%
56	12.441	1739	1742	1752	rVB3	1389297	2597811	9.79%	0.500%
57	12.520	1752	1755	1759	rVB	1545500	1932337	7.29%	0.372%
58	12.666	1768	1779	1785	rBV	5686997	8994460	33.91%	1.730%
59	12.764	1791	1795	1798	rBV	1685063	2223220	8.38%	0.427%
60	12.806	1798	1802	1808	rVB2	4195984	6494457	24.49%	1.249%
61	12.971	1821	1829	1833	rBV	3642384	6272508	23.65%	1.206%
62	13.117	1847	1853	1858	rVB	4073060	6175893	23.29%	1.188%
63	13.233	1866	1872	1873	rBV4	929531	1487818	5.61%	0.286%
64	13.312	1882	1885	1889	rVB2	828582	1243194	4.69%	0.239%
65	13.361	1889	1893	1896	rBV2	939975	1303078	4.91%	0.251%
66	13.453	1905	1908	1913	rVB	1432912	2157968	8.14%	0.415%
67	13.501	1913	1916	1922	rVB2	1120946	1647082	6.21%	0.317%
68	13.593	1923	1931	1933	rBV	2755450	4324307	16.30%	0.832%
69	13.623	1933	1936	1940	rVB	2830431	3375271	12.73%	0.649%
70	13.666	1940	1943	1946	rBV2	2005587	2814389	10.61%	0.541%
71	13.751	1952	1957	1961	rBV3	1215480	1913619	7.22%	0.368%
72	13.825	1961	1969	1974	rVV	1763470	3249447	12.25%	0.625%
73	13.886	1975	1979	1981	rVV	829018	1347025	5.08%	0.259%
74	13.910	1981	1983	1988	rVV3	815676	1204507	4.54%	0.232%
75	13.971	1988	1993	1998	rVV	7070812	10043611	37.87%	1.931%
76	14.026	1998	2002	2006	rVV2	656642	1062567	4.01%	0.204%

LSC Area Percent Report

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Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

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

77	14.075	2006	2010	2016	rVB	3129417	4925880	18.57%	0.947%
78	14.148	2016	2022	2027	rBV5	588048	1163034	4.39%	0.224%
79	14.294	2027	2046	2050	rBV	3730992	10488536	39.55%	2.017%
80	14.331	2050	2052	2056	rVB	1139017	1429052	5.39%	0.275%
81	14.379	2056	2060	2064	rBV	2126926	2977787	11.23%	0.573%
82	14.416	2064	2066	2070	rVB2	800753	960337	3.62%	0.185%
83	14.562	2086	2090	2095	rBV	2226108	3751100	14.14%	0.721%
84	14.611	2095	2098	2103	rVB	1198501	1638148	6.18%	0.315%
85	14.678	2103	2109	2114	rBV4	4086739	8604373	32.44%	1.654%
86	14.733	2114	2118	2124	rVB2	2164271	3773126	14.23%	0.726%
87	14.940	2148	2152	2156	rVV3	2149780	3648795	13.76%	0.702%
88	14.977	2156	2158	2164	rVB	711015	903693	3.41%	0.174%
89	15.050	2164	2170	2176	rBV2	1681940	3348663	12.63%	0.644%
90	15.135	2181	2184	2190	rVB3	697532	1213200	4.57%	0.233%
91	15.233	2190	2200	2205	rBV2	2007691	5702572	21.50%	1.097%
92	15.343	2213	2218	2223	rBV	932780	1693134	6.38%	0.326%
93	15.434	2230	2233	2241	rVB5	437515	936205	3.53%	0.180%
94	15.525	2241	2248	2255	rBV	1152071	2671528	10.07%	0.514%
95	15.690	2266	2275	2278	rBV4	588644	1613933	6.09%	0.310%
96	15.885	2301	2307	2317	rVV6	567378	1384948	5.22%	0.266%
97	16.025	2324	2330	2335	rBV4	489781	1159537	4.37%	0.223%
98	16.153	2346	2351	2356	rBV	657290	1092707	4.12%	0.210%
99	16.288	2367	2373	2387	rVB	2188360	4533594	17.09%	0.872%
100	16.483	2398	2405	2419	rVB	1227712	3361519	12.67%	0.646%

Sum of corrected areas: 520060536

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Instrument :
MSVOA_Y
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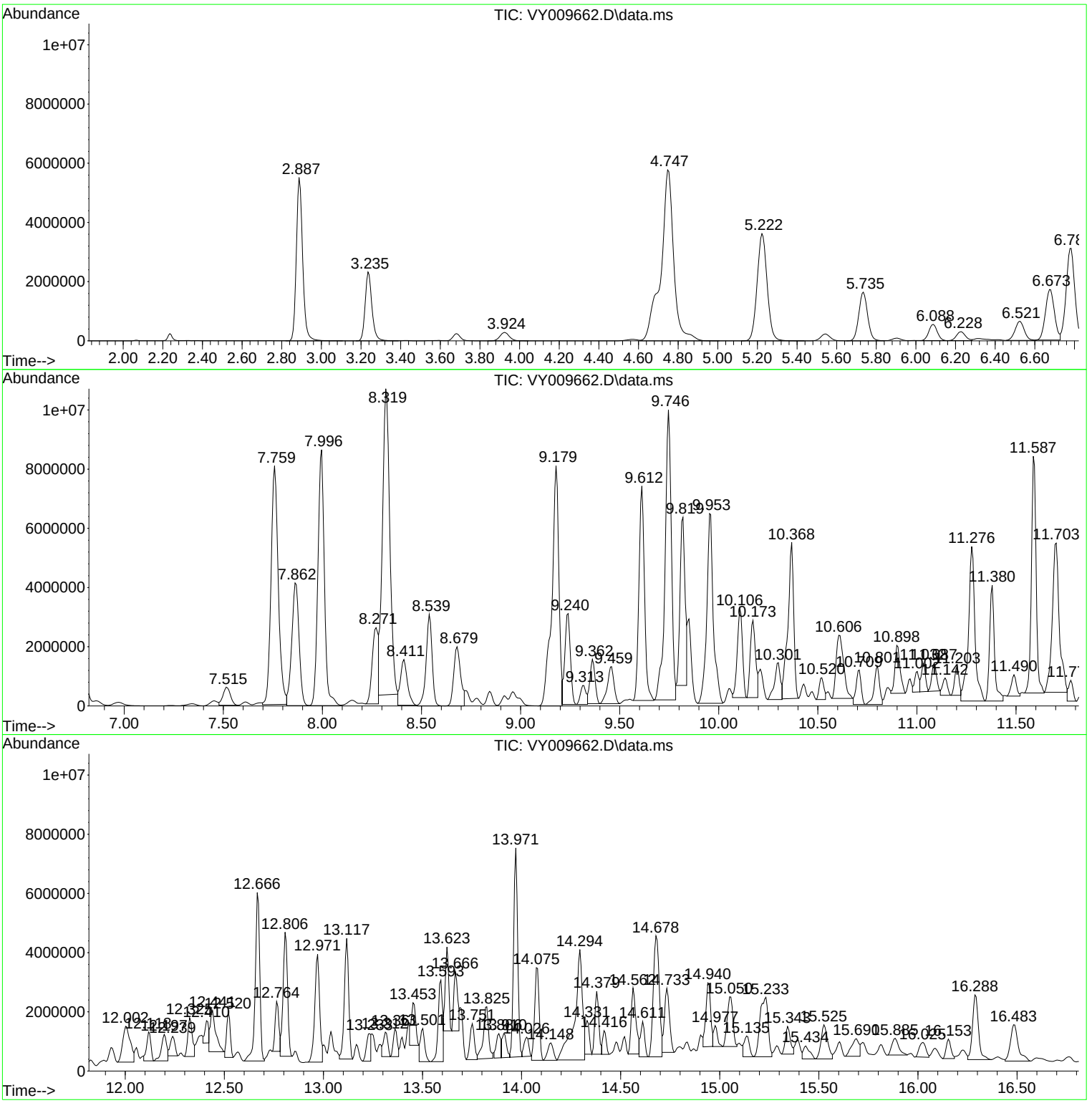
IBLK

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 : VY009662.D
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Instrument :
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ClientSampleId :
IBLK

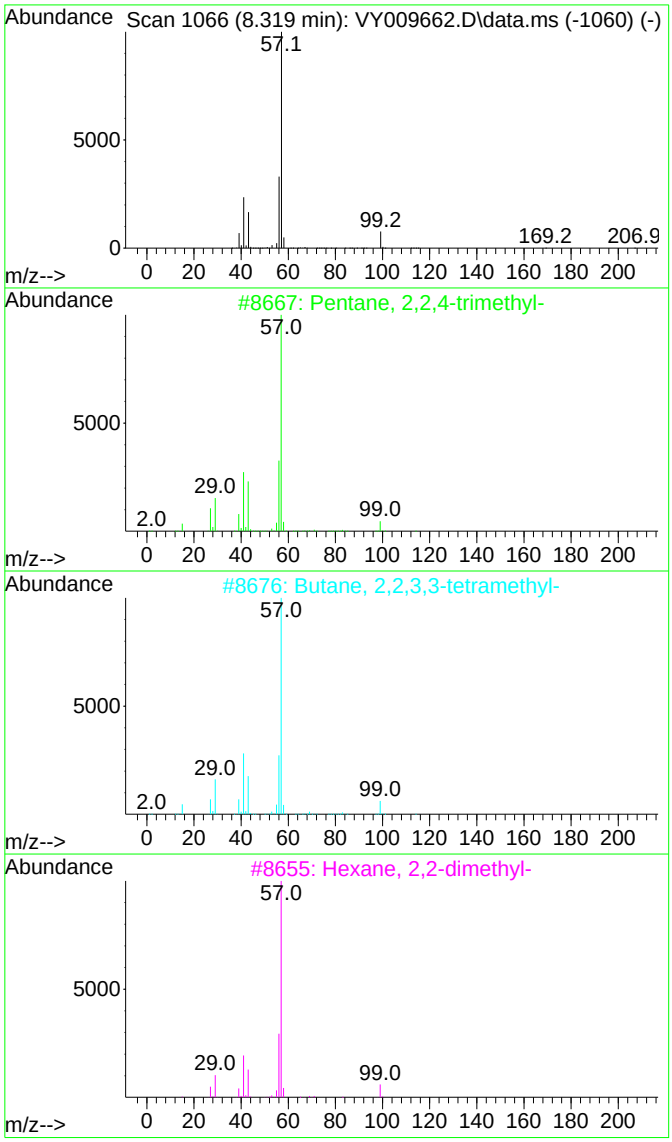
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

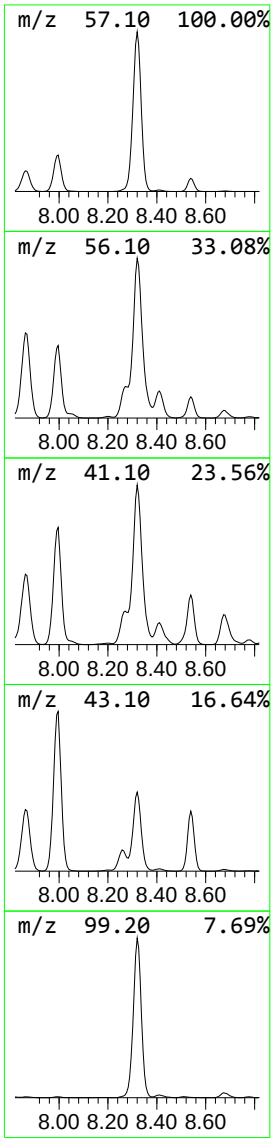
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	273.40 ug/l	26521900	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	40





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Instrument :
MSVOA_Y
ClientSampleId :
IBLK

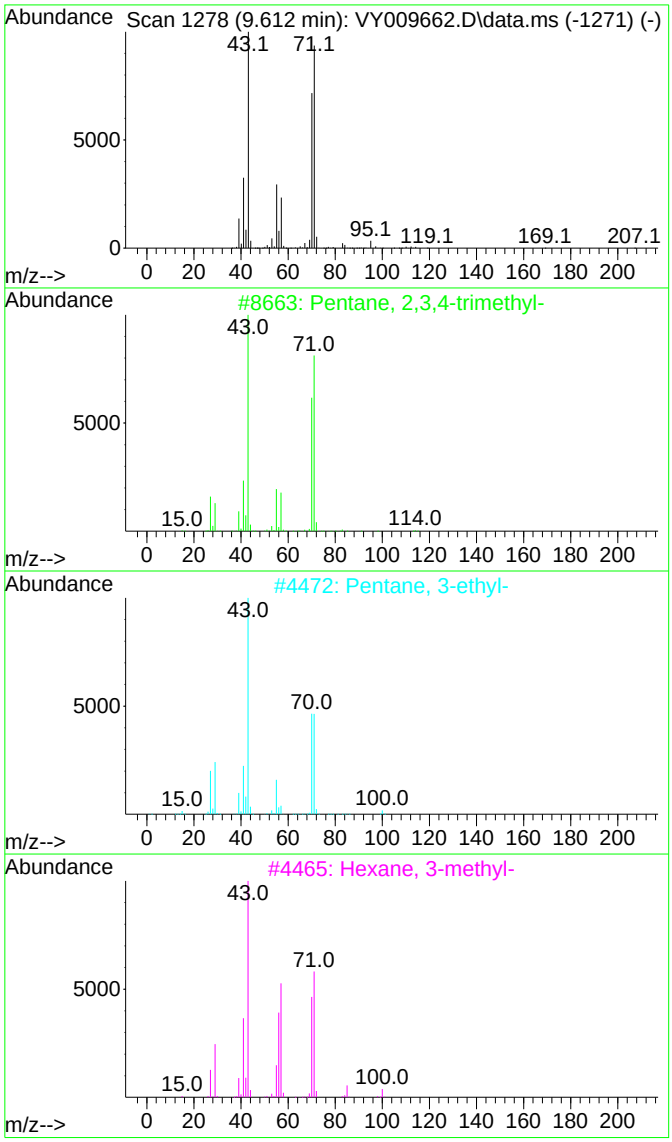
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

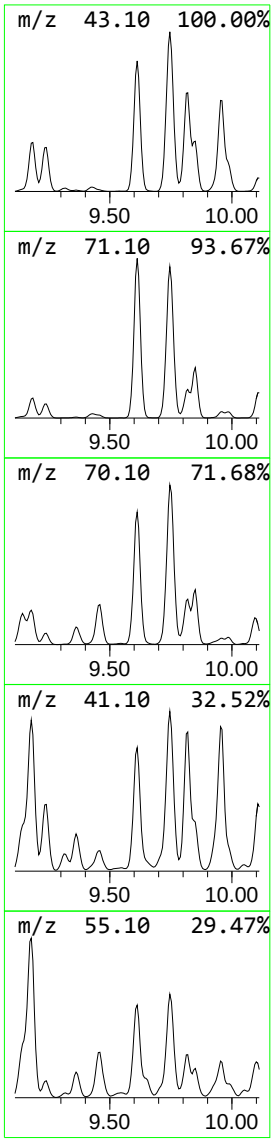
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	145.20 ug/l	14085300	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64





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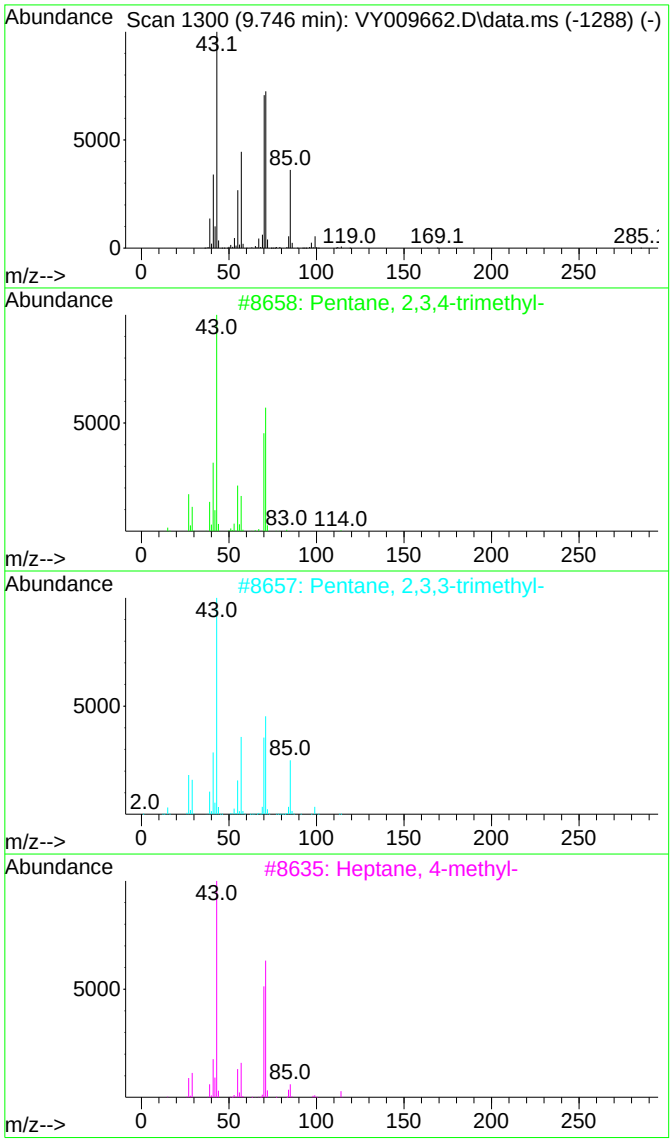
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

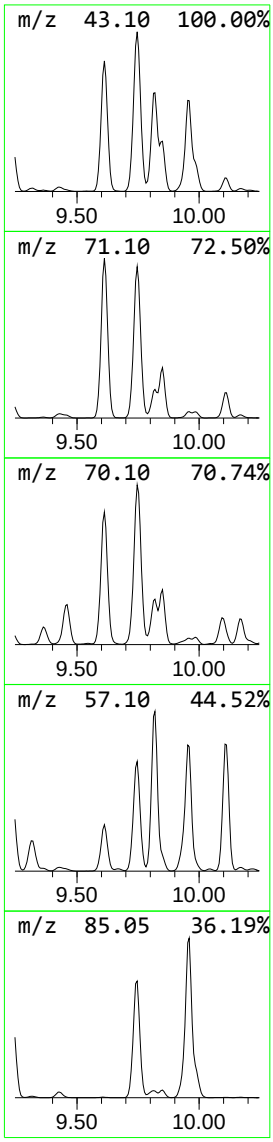
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	224.14 ug/l	21743400	1,4-Difluorobenzene	8.685

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

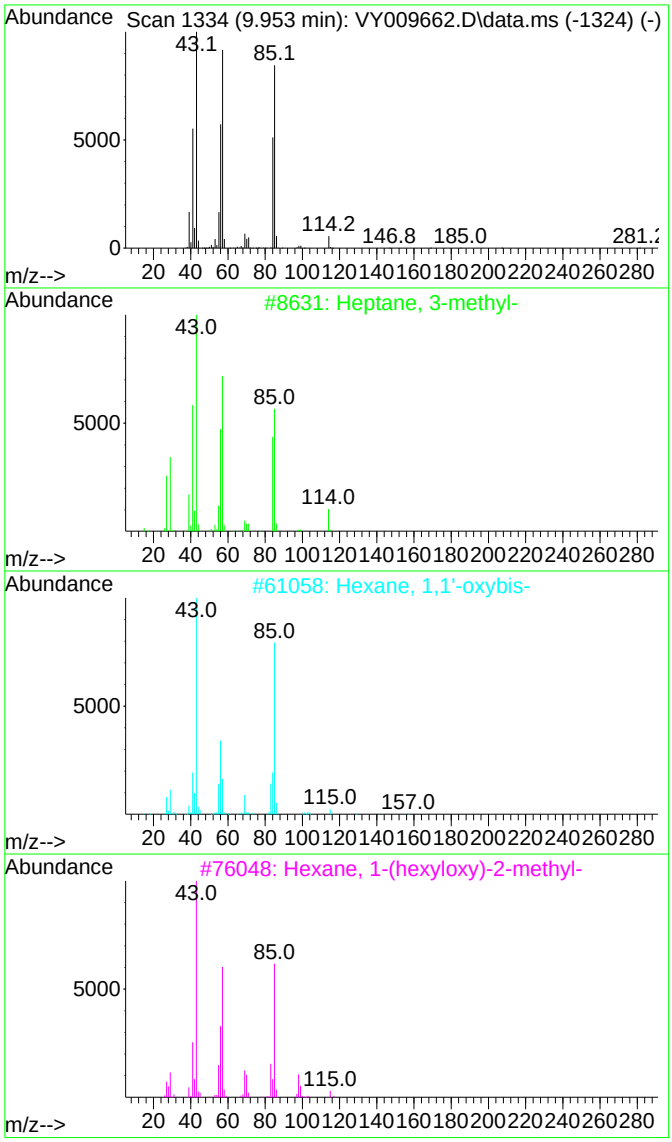
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

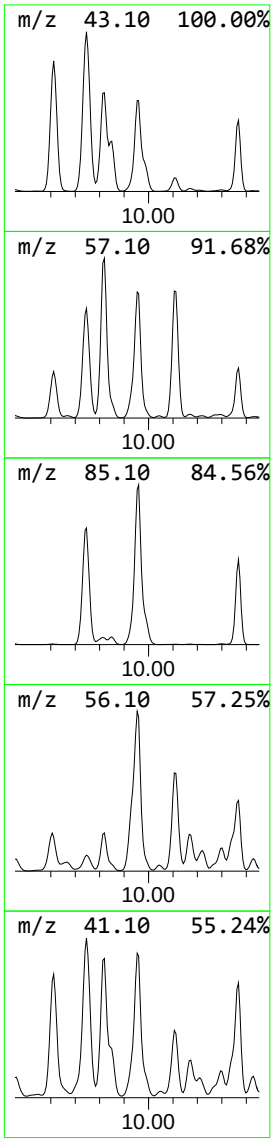
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	151.36 ug/l	14682800	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

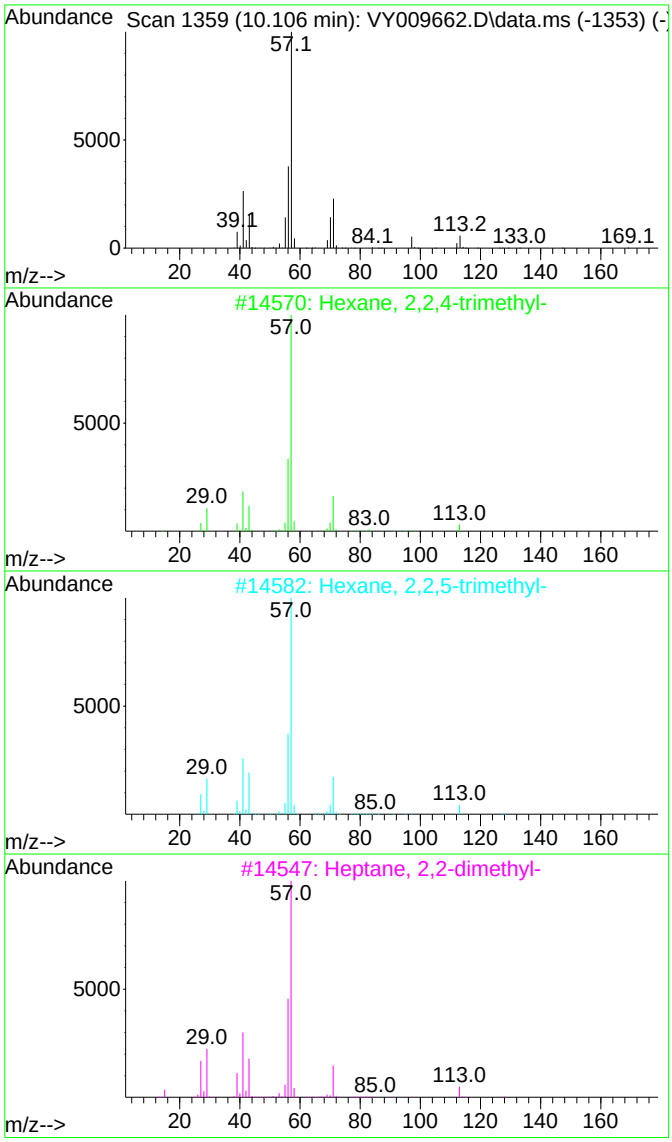
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

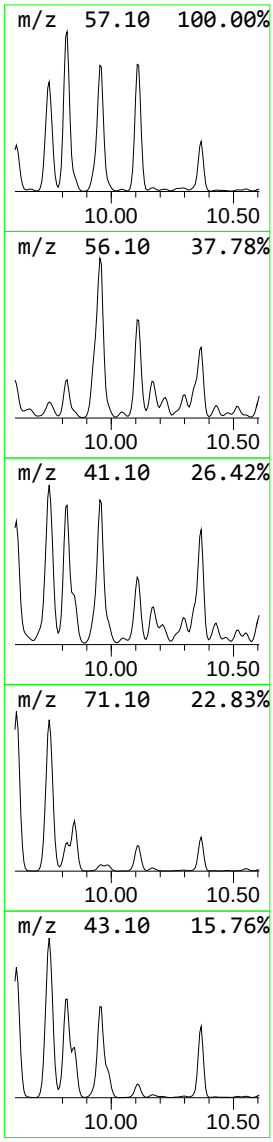
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.106	209.13 ug/l	5434070	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

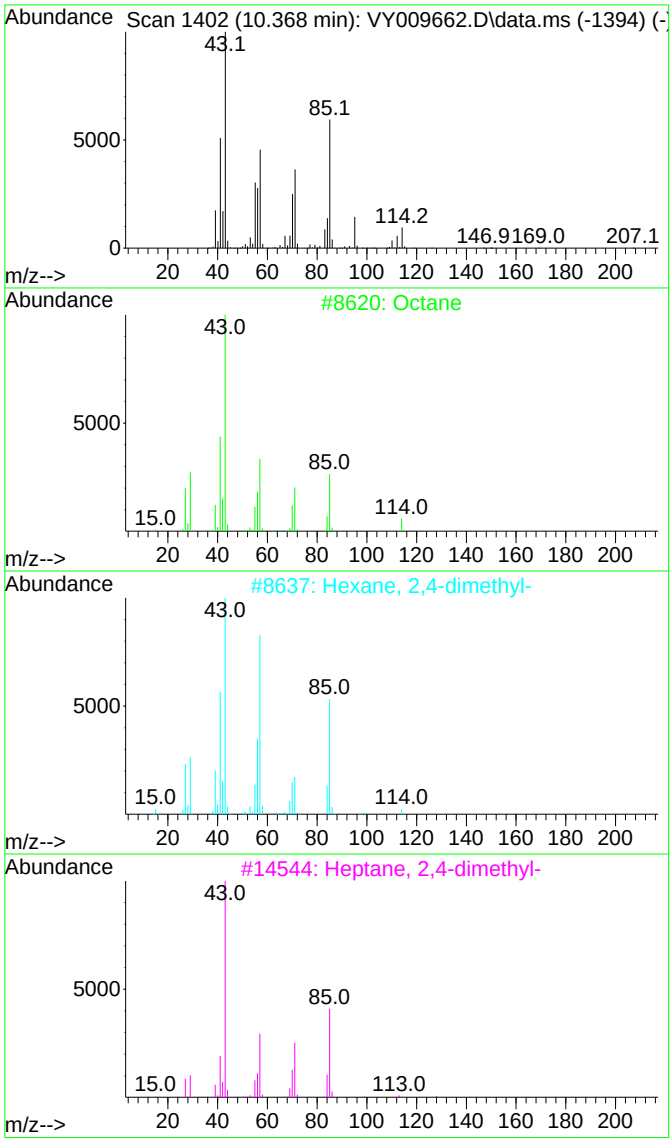
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

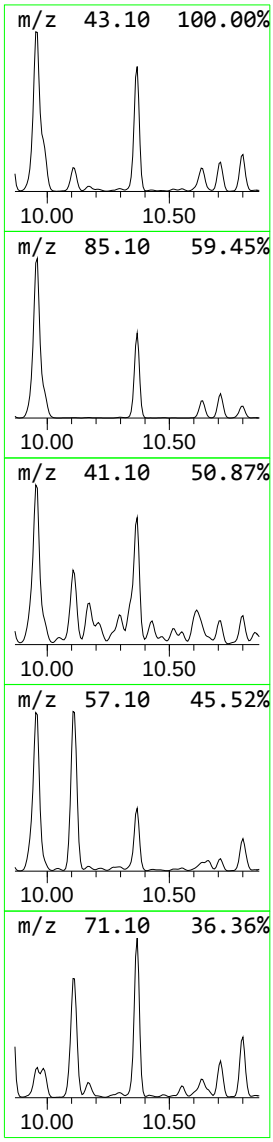
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	413.09 ug/l	10733600	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	53
5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

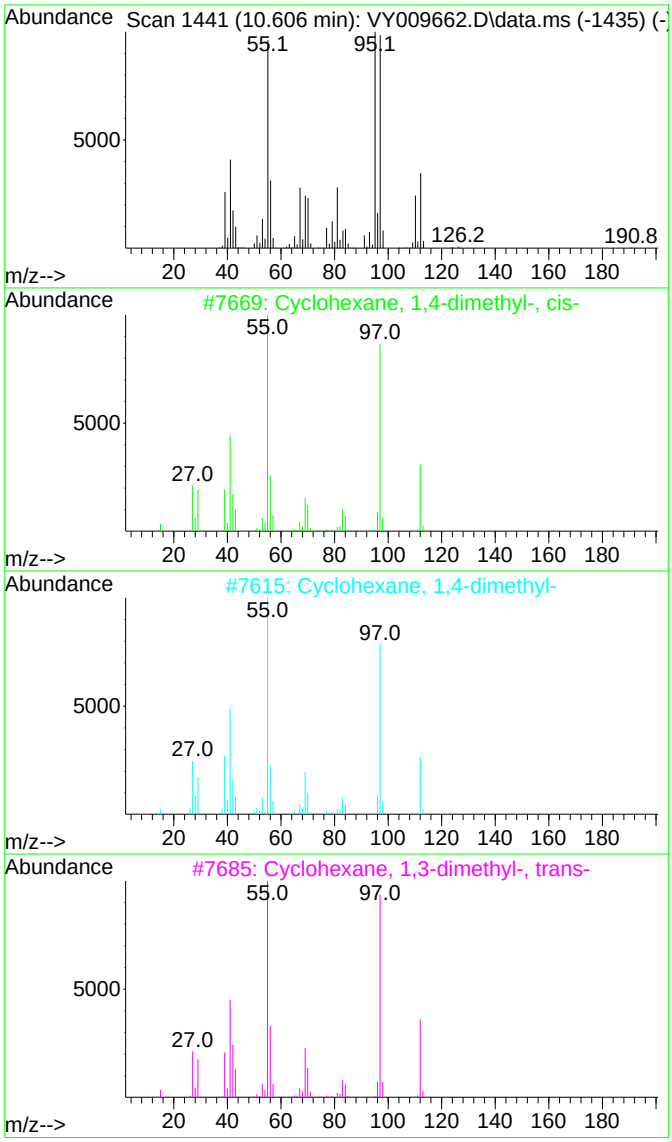
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

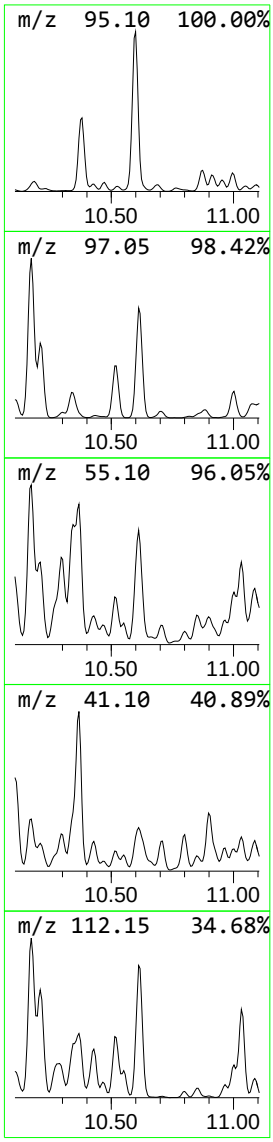
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.606	215.43 ug/l	5597810	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	55
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	55
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	55
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	50
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

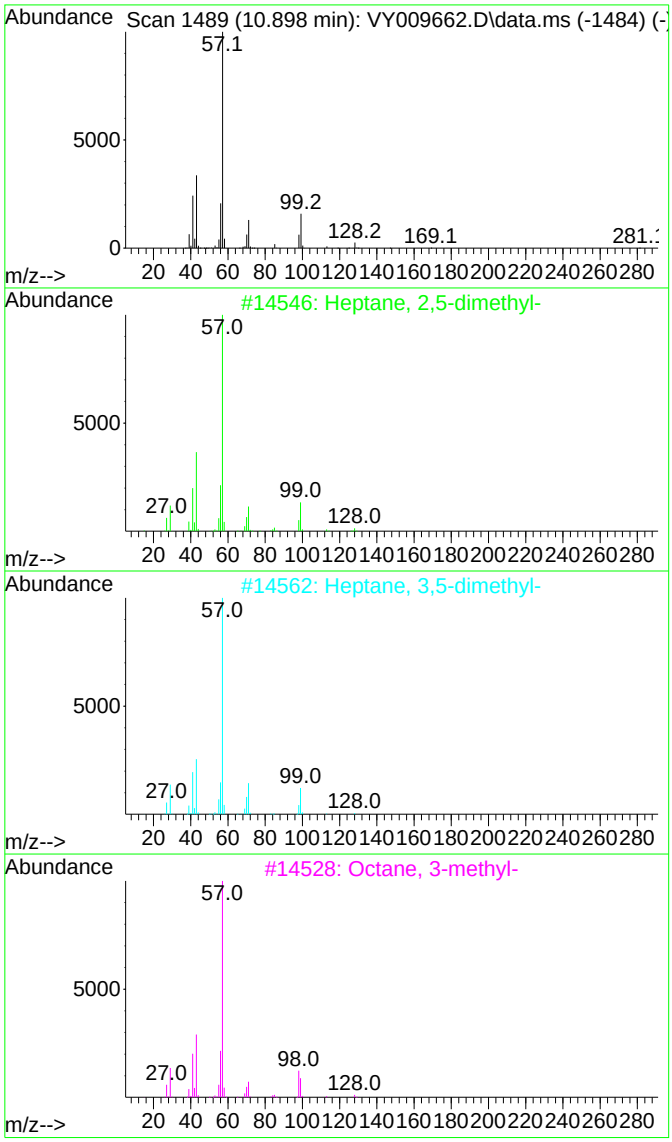
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

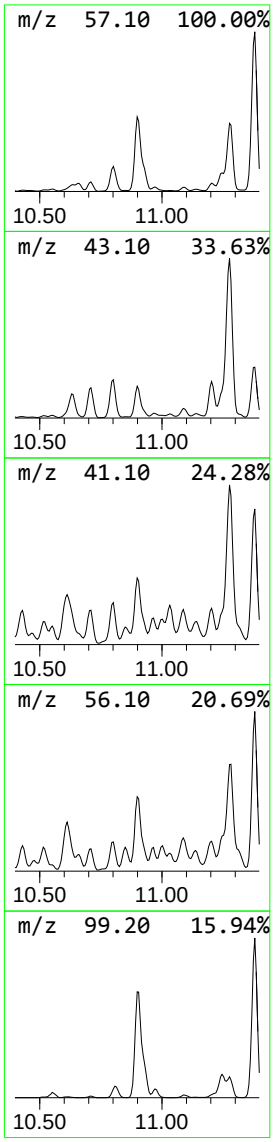
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	114.28 ug/l	2969490	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	80
3	Octane, 3-methyl-	128	C9H20	002216-33-3	78
4	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53
5	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

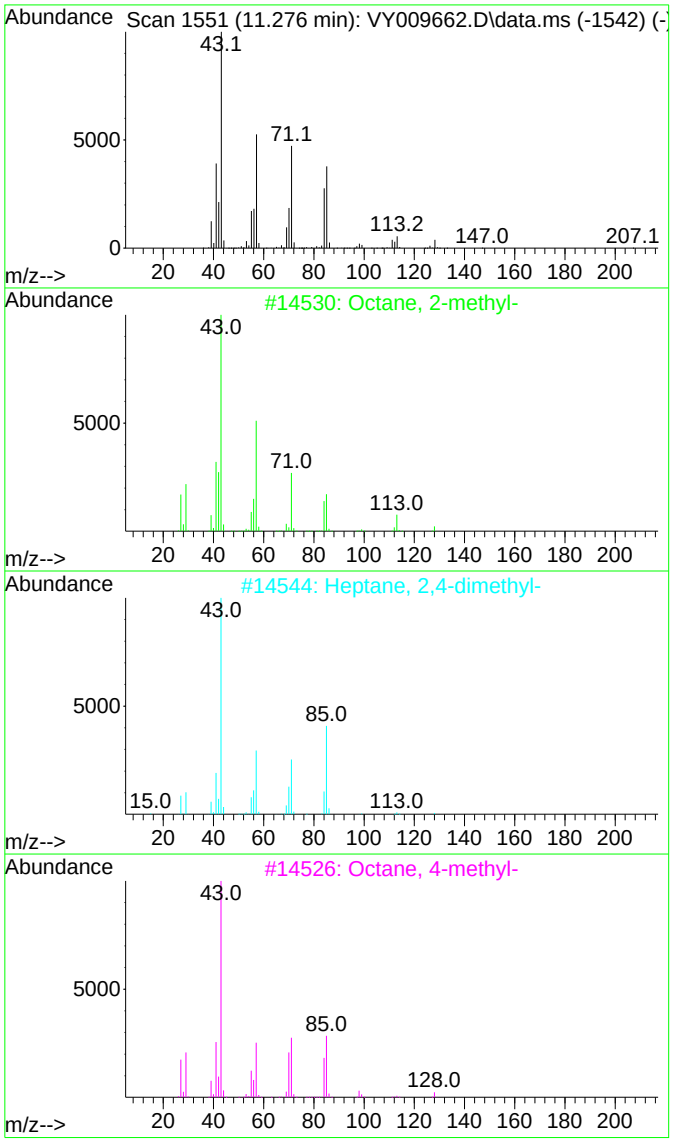
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

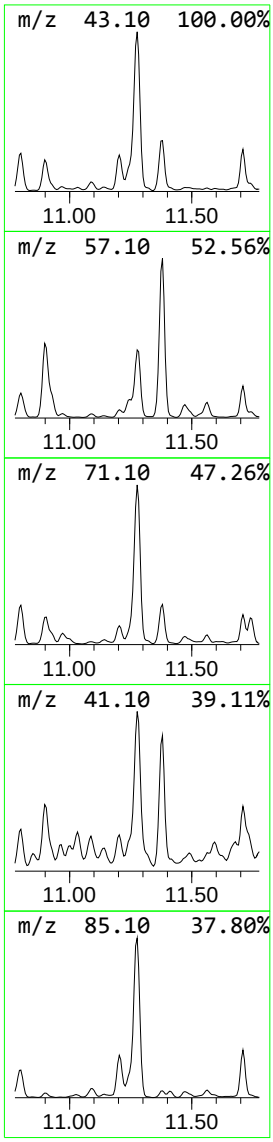
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	455.94 ug/l	11847100	Chlorobenzene-d5	11.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	74
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
3	Octane, 4-methyl-	128	C9H20	002216-34-4	53
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

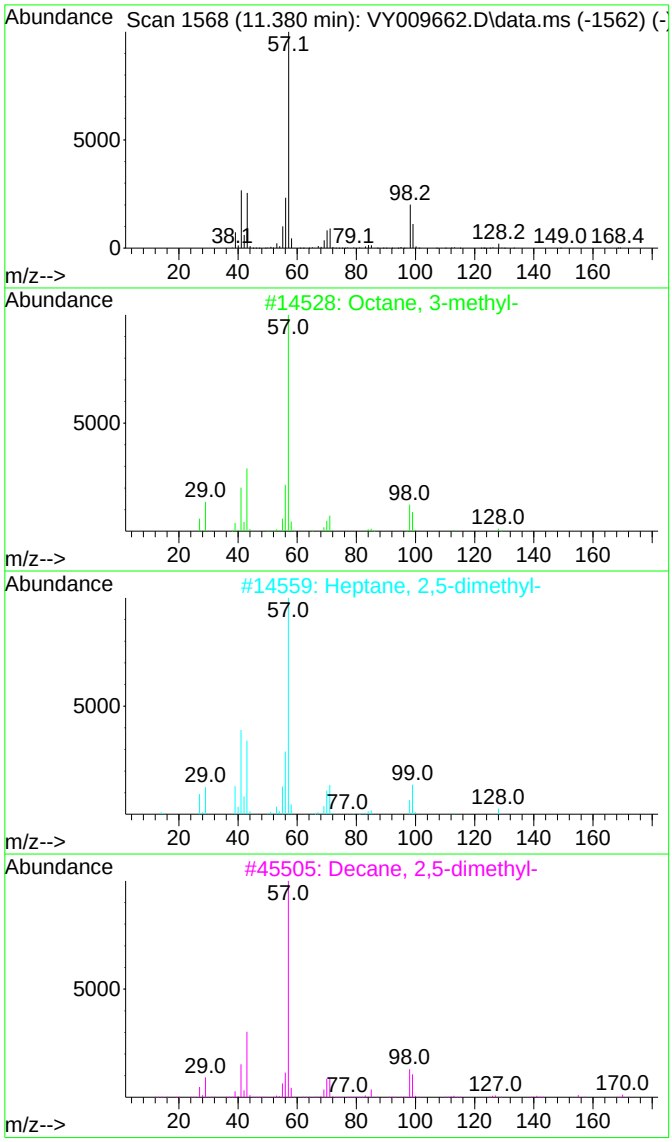
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

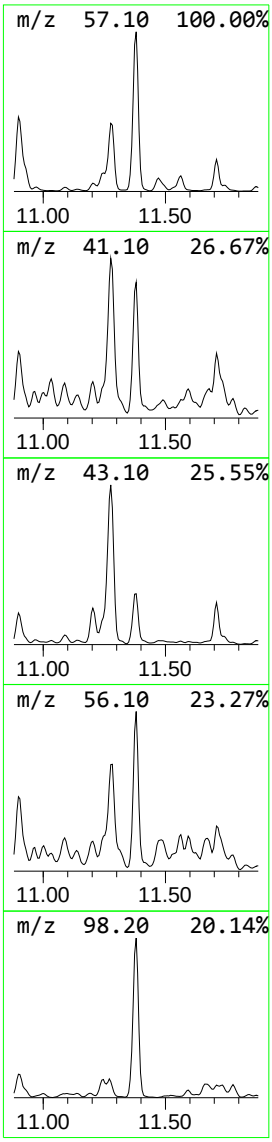
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.380	256.29 ug/l	6659430	Chlorobenzene-d5	11.483

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	76
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 : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

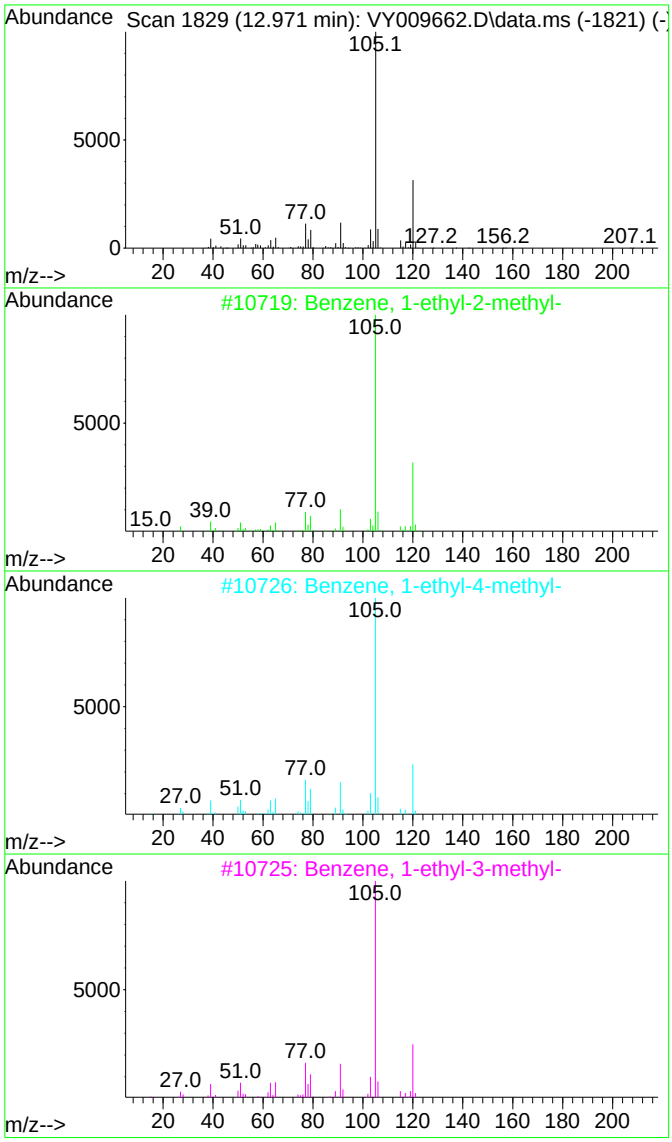
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

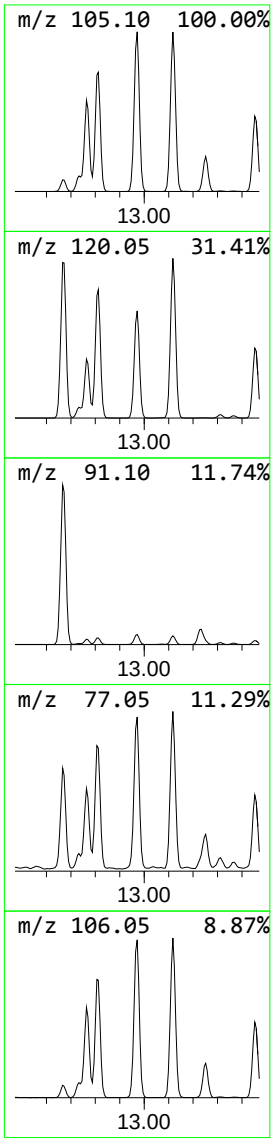
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	145.33 ug/l	6272510	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

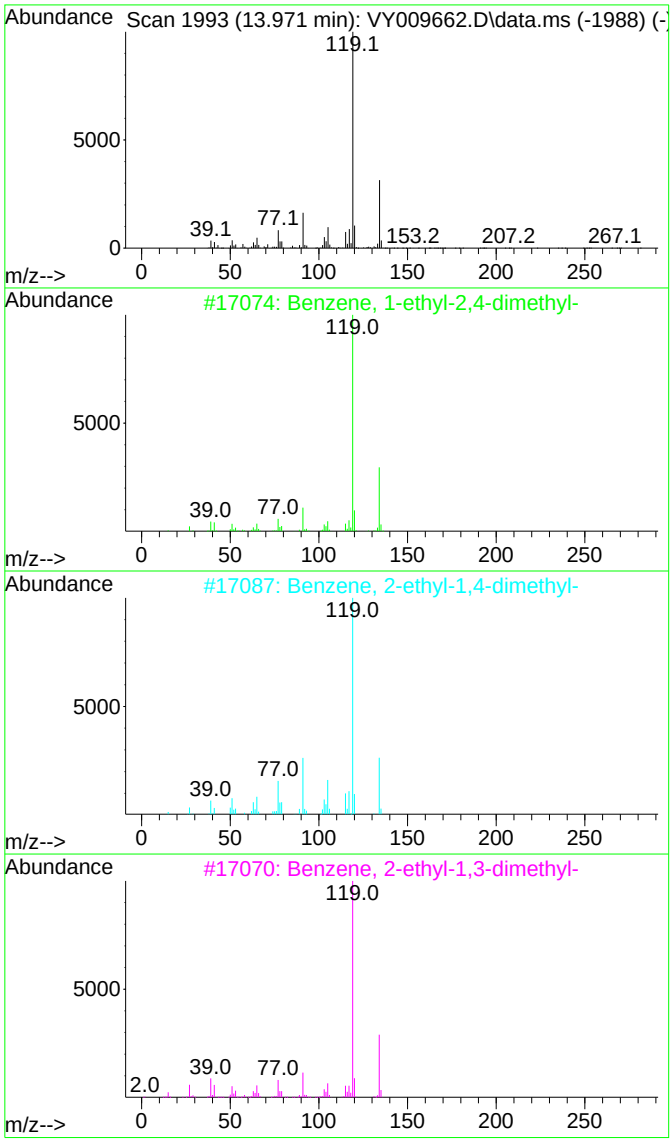
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

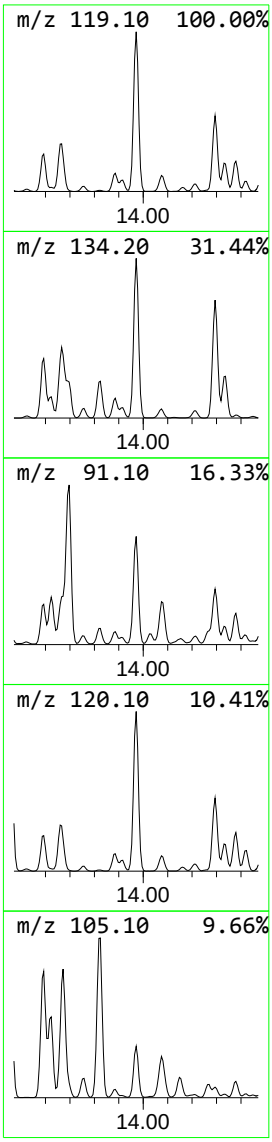
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	232.71 ug/l	10043600	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

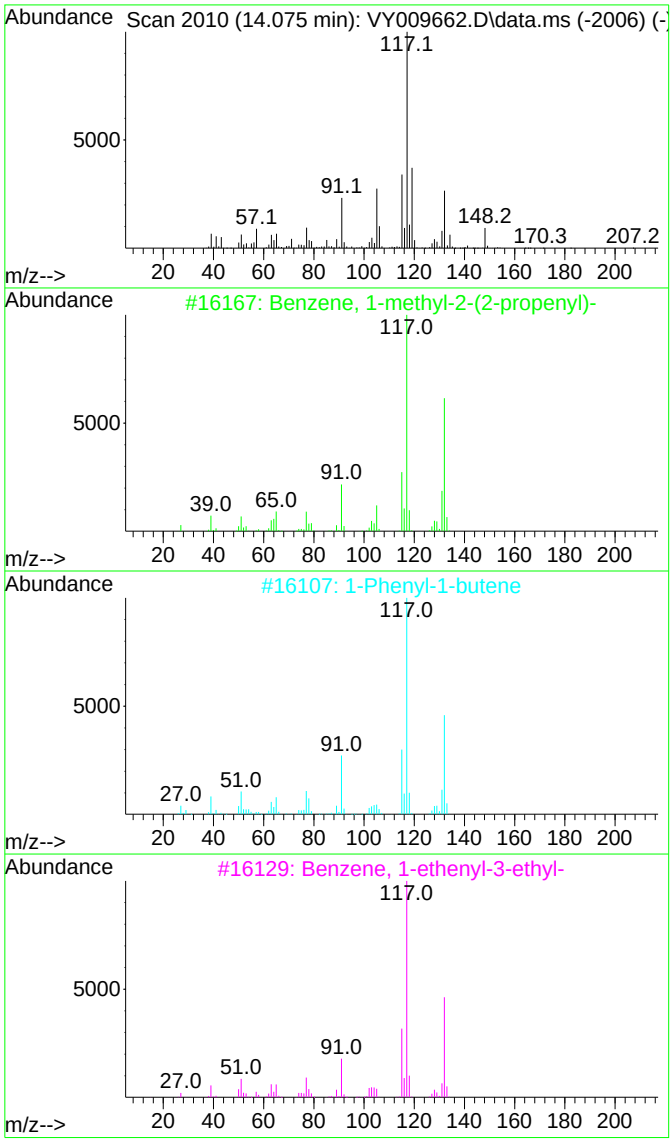
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

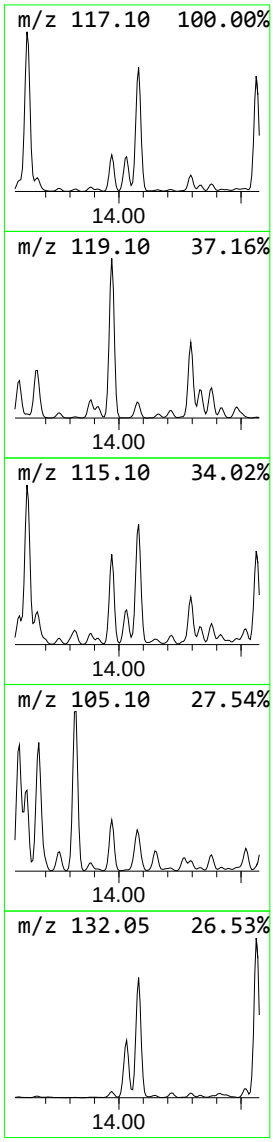
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	114.13 ug/l	4925880	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62
4	Indan, 1-methyl-	132	C10H12	000767-58-8	60
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

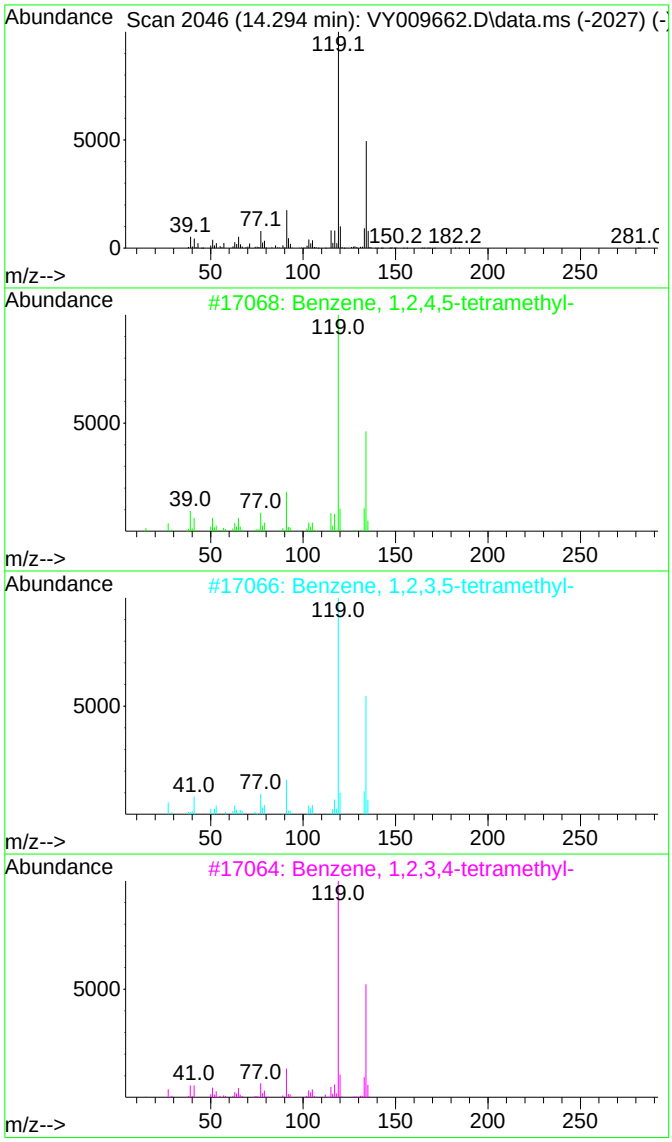
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

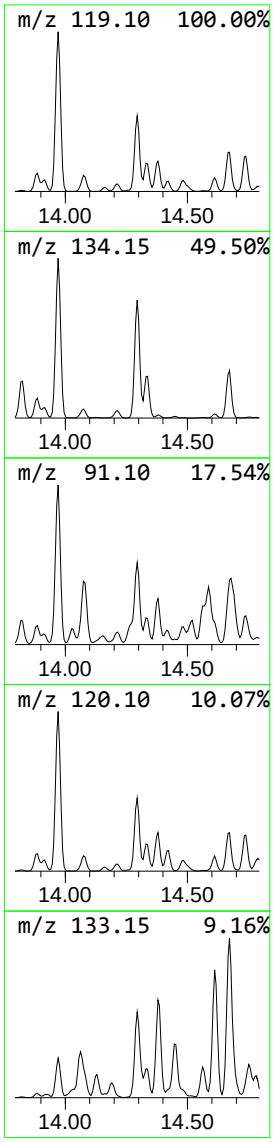
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	243.02 ug/l	10488500	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

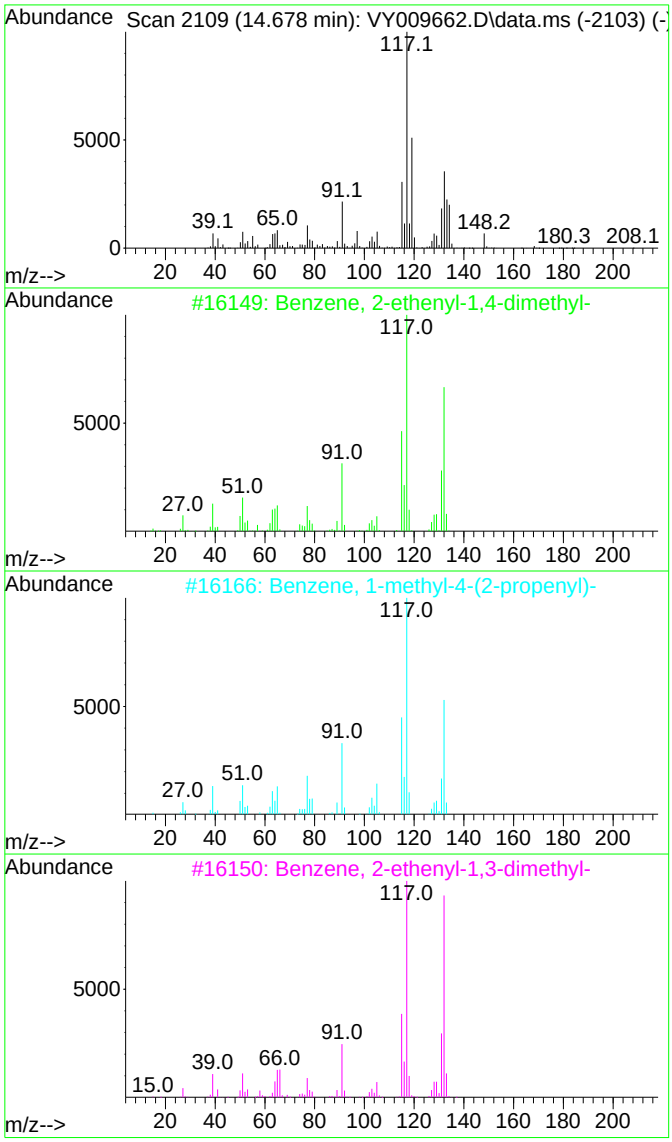
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

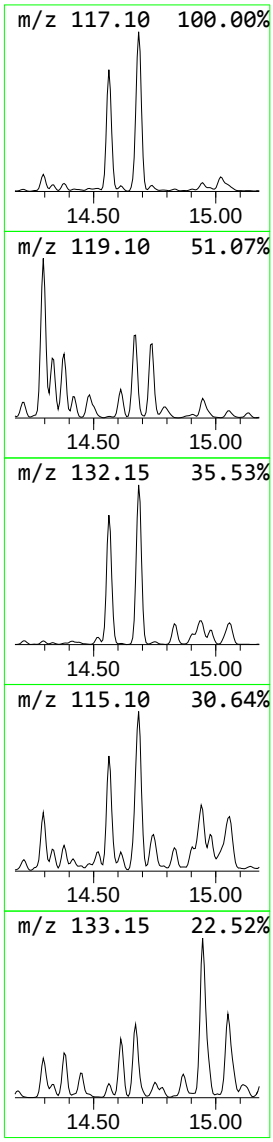
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	199.36 ug/l	8604370	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009662.D
Acq On : 22 Jul 2022 16:12
Operator : KP/MD
Sample : N3773-18
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

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
Pentane, 2,2,4-...	8.319	273.4	ug/l	26521900	2	8.685	4850370	50.0
Pentane, 2,3,4-...	9.612	145.2	ug/l	14085300	2	8.685	4850370	50.0
Pentane, 2,3,3-...	9.746	224.1	ug/l	21743400	2	8.685	4850370	50.0
Heptane, 3-methyl-	9.953	151.4	ug/l	14682800	2	8.685	4850370	50.0
Hexane, 2,2,4-t...	10.106	209.1	ug/l	5434070	3	11.483	1299200	50.0
Octane	10.368	413.1	ug/l	10733600	3	11.483	1299200	50.0
Cyclohexane, 1,...	10.606	215.4	ug/l	5597810	3	11.483	1299200	50.0
Heptane, 2,5-di...	10.898	114.3	ug/l	2969490	3	11.483	1299200	50.0
Octane, 2-methyl-	11.276	455.9	ug/l	11847100	3	11.483	1299200	50.0
Octane, 3-methyl-	11.380	256.3	ug/l	6659430	3	11.483	1299200	50.0
Benzene, 1-ethy...	12.971	145.3	ug/l	6272510	4	13.422	2157970	50.0
Benzene, 1-ethy...	13.971	232.7	ug/l	10043600	4	13.422	2157970	50.0
Benzene, 1-meth...	14.075	114.1	ug/l	4925880	4	13.422	2157970	50.0
Benzene, 1,2,4,...	14.294	243.0	ug/l	10488500	4	13.422	2157970	50.0
Benzene, 2-ethe...	14.678	199.4	ug/l	8604370	4	13.422	2157970	50.0