LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(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: VY009655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	459	474	476	rBV2	84141	264851	1.51%	0.384%
2	5.228	545	559	578	rBV	69353	248533	1.42%	0.361%
3	5.734	629	642	661	rBV	109451	339299	1.93%	0.492%
4	6.783	804	814	824	rVV	142355	424791	2.42%	0.616%
5	7.710	955	966	969	rBV	113237	269584	1.54%	0.391%
6	7.777	969	977	985	rVV4	365700	1119814	6.38%	1.625%
7	7.862	985	991	1003	rVB2	167967	439830	2.51%	0.638%
8	7.990	1003	1012	1020	rBV	214369	507723	2.89%	0.737%
9	8.143	1028	1037	1049	rBV3	181567	504542	2.88%	0.732%
10	8.271	1050	1058	1060	rVV3	116239	242588	1.38%	0.352%
11	8.319	1060	1066	1076	rVV	321611	949529	5.41%	1.378%
12	8.411	1076	1081	1092	rVB	77155	184104	1.05%	0.267%
13	8.539	1092	1102	1116	rVB	191879	405499	2.31%	0.588%
14	8.685	1116	1126	1138	rBV2	426623	1020127	5.81%	1.480%
15	9.179	1192	1207	1213	rBV2	462031	1171331	6.68%	1.700%
16	9.240	1213	1217	1224	rVB2	92962	178420	1.02%	0.259%
17	9.612	1272	1278	1287	rVB	285699	563734	3.21%	0.818%
18	9.703	1287	1293	1295	rBV	180414	291386	1.66%	0.423%
19	9.746	1295	1300	1306	rVB2	371203	784185	4.47%	1.138%
20	9.813	1306	1311	1315	rBV	126730	209313	1.19%	0.304%
21	9.953	1324	1334	1345	rBV	175729	433450	2.47%	0.629%
22	10.057	1345	1351	1355	rBV	99849	184600	1.05%	0.268%
23	10.173	1364	1370	1378	rBV	568271	1081875	6.17%	1.570%
24	10.368	1394	1402	1408	rVB4	209345	455047	2.59%	0.660%
25	10.605	1435	1441	1450	rVB4	182740	419046	2.39%	0.608%
26	11.276	1543	1551	1562	rVB4	103331	291709	1.66%	0.423%
27	11.380	1562	1568	1579	rBV	83360	180886	1.03%	0.263%
28	11.489	1580	1586	1592	rVV	456816	755315	4.31%	1.096%
29	11.587	1592	1602	1611	rVV	1359025	2211125	12.60%	3.209%
30	11.697	1611	1620	1631	rVV	734798	1470061	8.38%	2.133%
31	12.026	1664	1674	1683	rBV2	86447	214015	1.22%	0.311%
32	12.325	1717	1723	1729	rBV	519300	794812	4.53%	1.153%
33	12.483	1743	1749	1758	rVB2	382394	676399	3.86%	0.982%
34	12.666	1769	1779	1786	rBV	1460603	2242164	12.78%	3.254%
35	12.764	1791	1795	1799	rVV	491815	726032	4.14%	1.054%
36	12.806	1799	1802	1808	rVB2	118838	186352	1.06%	0.270%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(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	12.971	1821	1829	1837	rBV	402283	627115	3.57%	0.910%
38	13.117	1847	1853	1860	rBV	12015056	17543313	100.00%	25.460%
39	13.245	1867	1874	1882	rBV3	164657	409399	2.33%	0.594%
40	13.453	1904	1908	1917	rVB	2675355	4092082	23.33%	5.939%
41	13.593	1925	1931	1933	rBV	525875	833504	4.75%	1.210%
42	13.623	1933	1936	1941	rVV	1511286	2276340	12.98%	3.304%
43	13.672	1941	1944	1952	rVV2	647863	1208285	6.89%	1.754%
44	13.751	1952	1957	1963	rVB	134174	208580	1.19%	0.303%
45	13.818	1963	1968	1973	rBV	428376	625797	3.57%	0.908%
46	13.885	1973	1979	1981	rVV	994262	1490798	8.50%	2.164%
47	13.916	1981	1984	1988	rVV	925636	1279534	7.29%	1.857%
48	13.971	1988	1993	1998	rVV	1646320	2364272	13.48%	3.431%
49	14.032	1998	2003	2006	rVV	263868	403172	2.30%	0.585%
50	14.080	2006	2011	2017	rVB2	1012870	1568916	8.94%	2.277%
51	14.215	2027	2033	2038	rBV2	395618	584770	3.33%	0.849%
52	14.294	2038	2046	2049	rVV	881384	1333488	7.60%	1.935%
53	14.330	2049	2052	2057	rVV	1217917	1780786	10.15%	2.584%
54	14.562	2086	2090	2095	rBV	752964	1162164	6.62%	1.687%
55	14.611	2095	2098	2103	rVB	235021	319496	1.82%	0.464%
56	14.684	2103	2110	2115	rBV3	1242734	2515311	14.34%	3.650%
57	14.739	2115	2119	2125	rVB2	186596	301325	1.72%	0.437%
58	14.830	2130	2134	2138	rBV	140152	198314	1.13%	0.288%
59	14.940	2147	2152	2156	rBV3	338426	606016	3.45%	0.879%
60	15.056	2164	2171	2181	rVB2	389159	826434	4.71%	1.199%
61	15.233	2189	2200	2206	rBV	254010	529489	3.02%	0.768%
62	15.342	2213	2218	2223	rBV2	118653	214781	1.22%	0.312%
63	15.525	2241	2248	2255	rBV	183605	348139	1.98%	0.505%
64	15.690	2265	2275	2278	rBV3	107905	271719	1.55%	0.394%
65	16.287	2368	2373	2380	rBV	146804	274943	1.57%	0.399%
66	16.489	2398	2406	2414	rBV	119872	265013	1.51%	0.385%

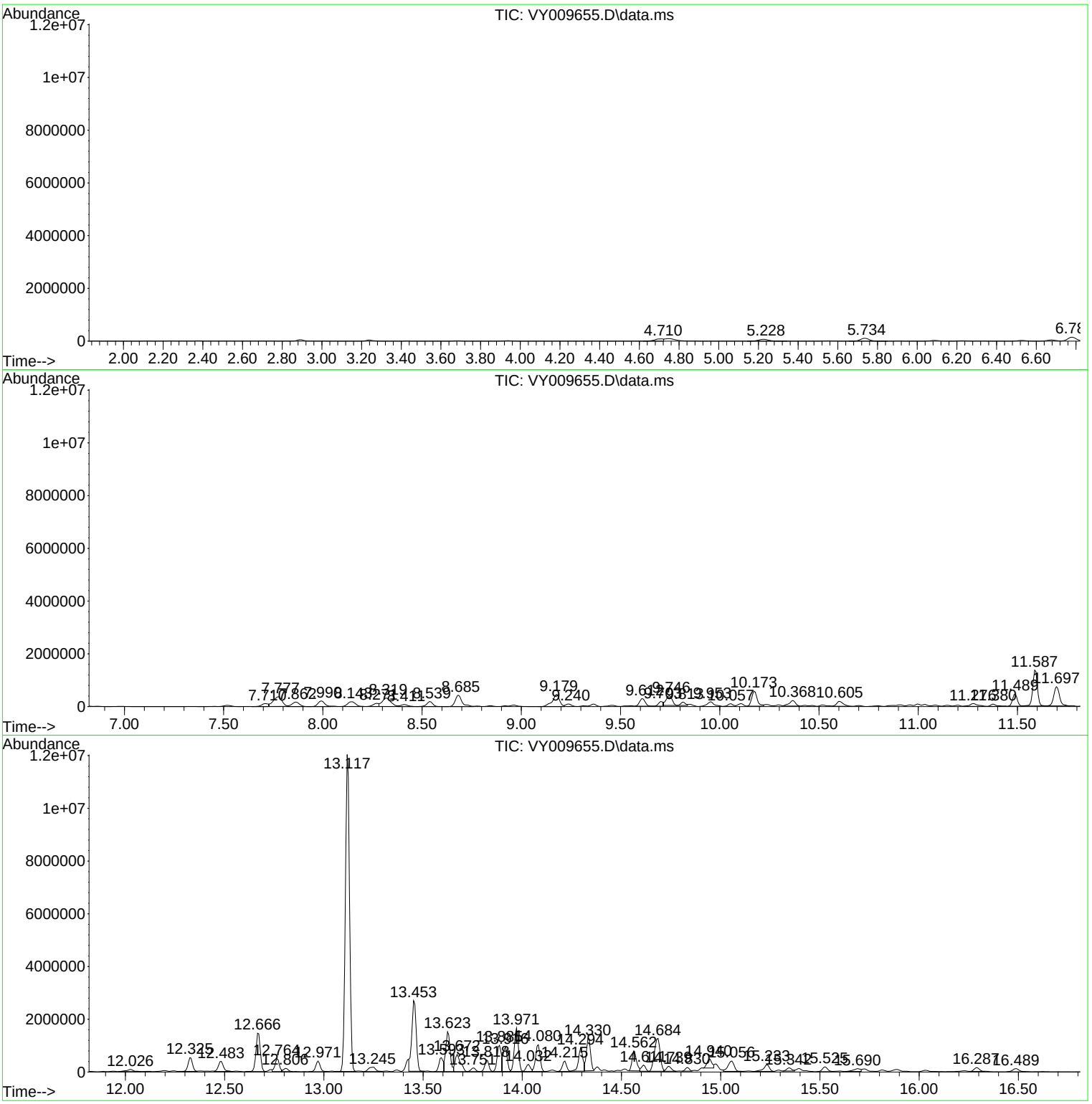
Sum of corrected areas: 68905366

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(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 : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

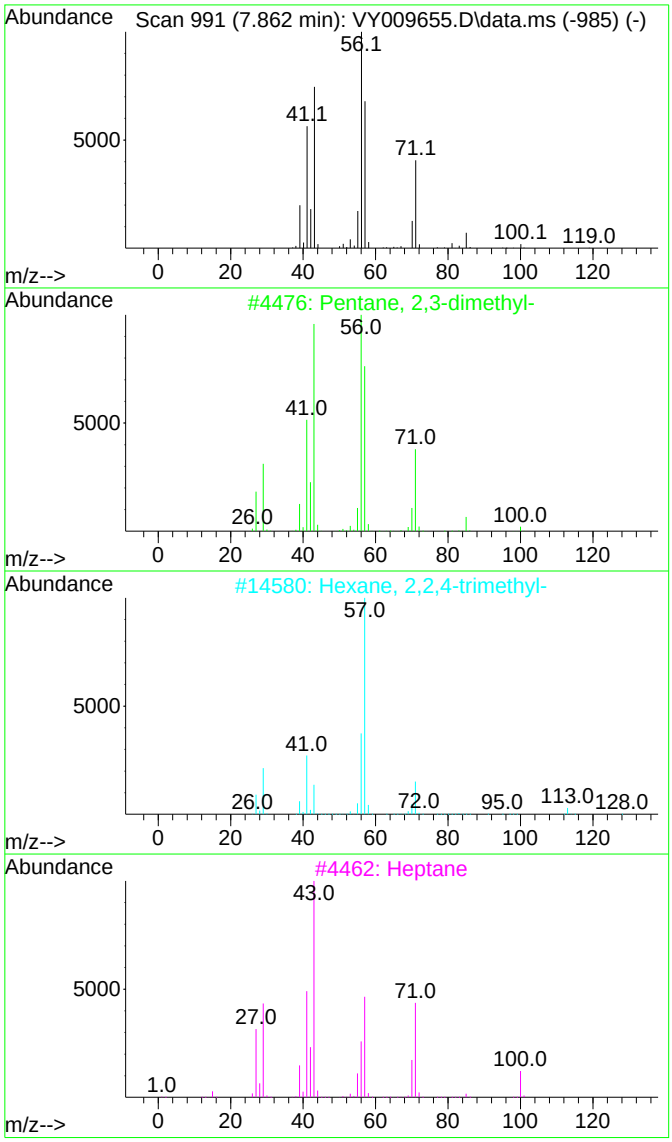
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

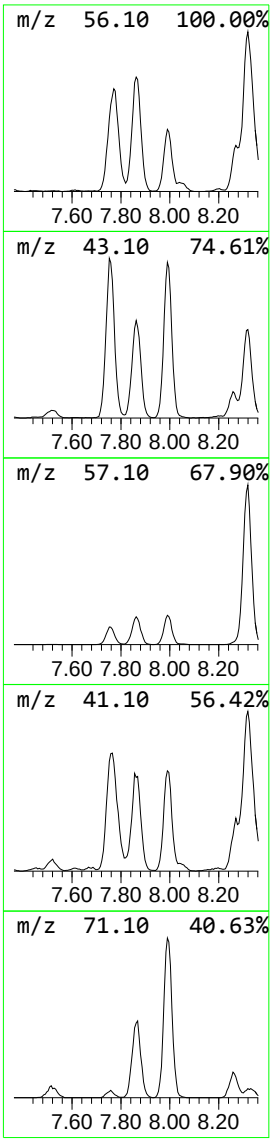
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.862	19.64 ug/l	439830	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
3	Heptane	100	C7H16	000142-82-5	38
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	32
5	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

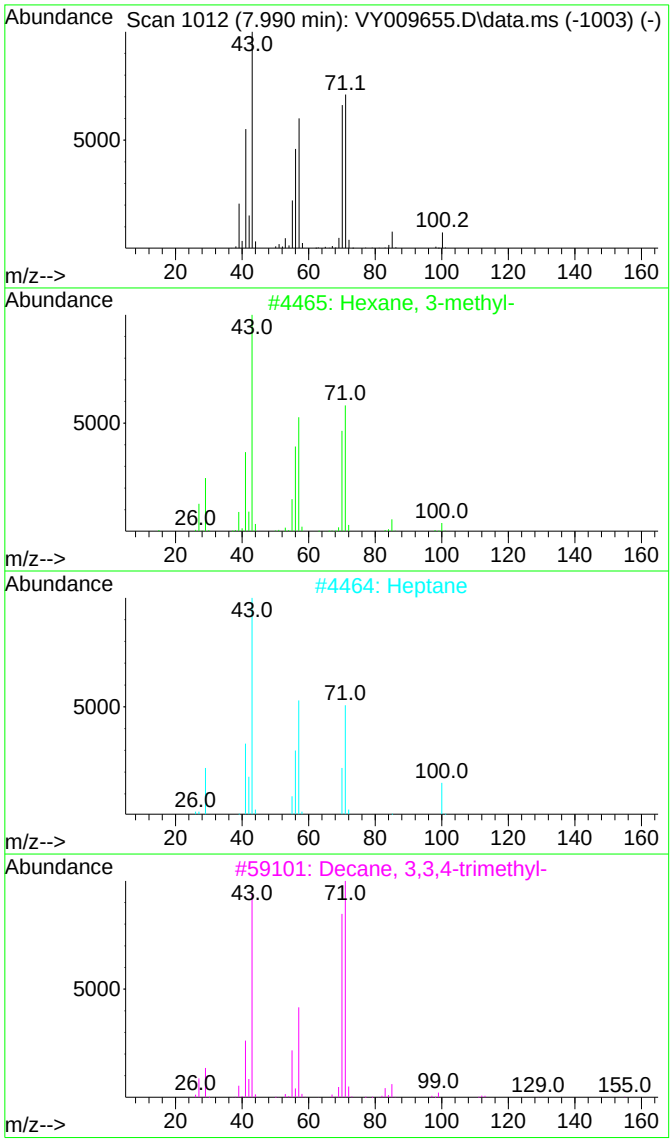
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

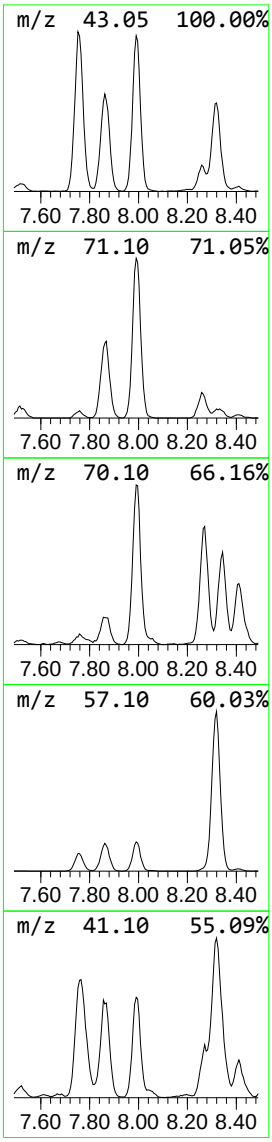
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.990	22.67 ug/l	507723	Pentafluorobenzene	7.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Heptane	100	C7H16	000142-82-5	83
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	53
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

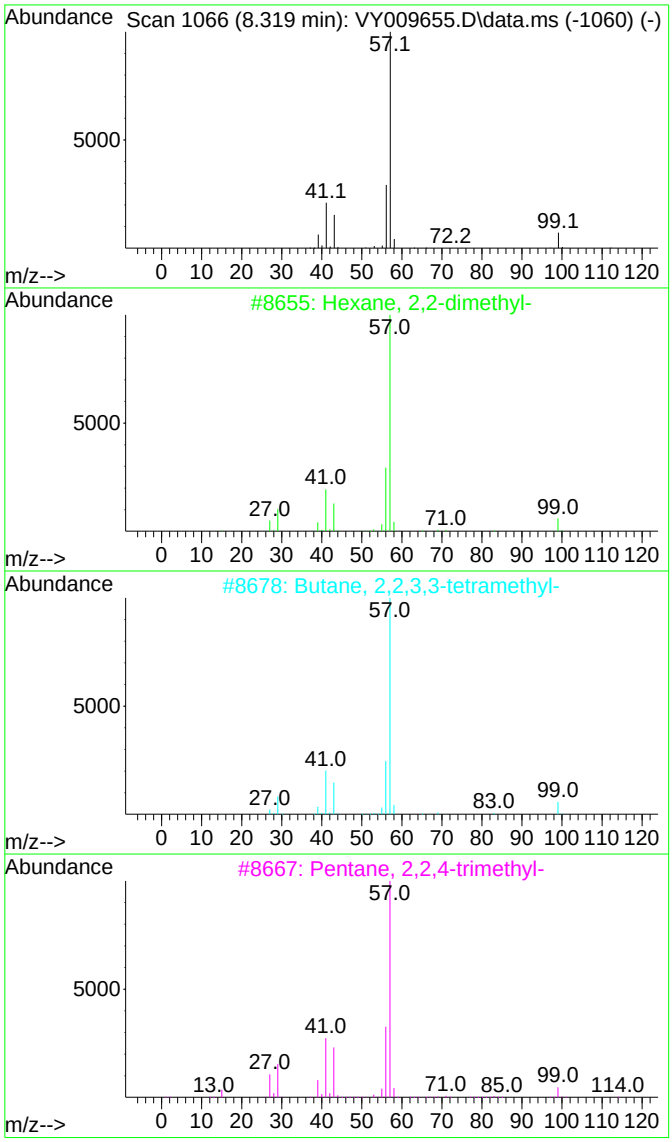
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

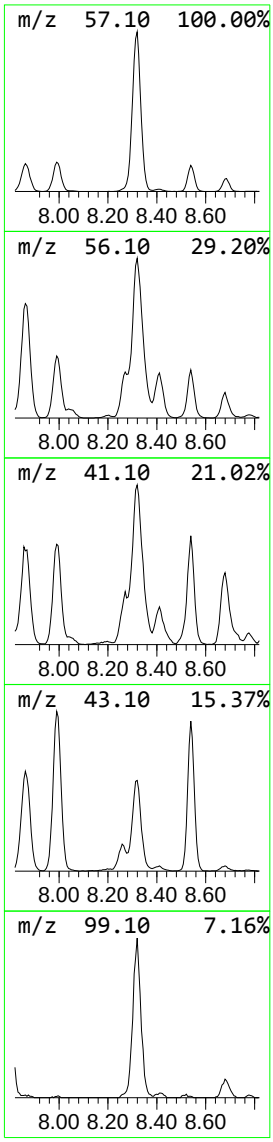
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	46.54 ug/l	949529	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

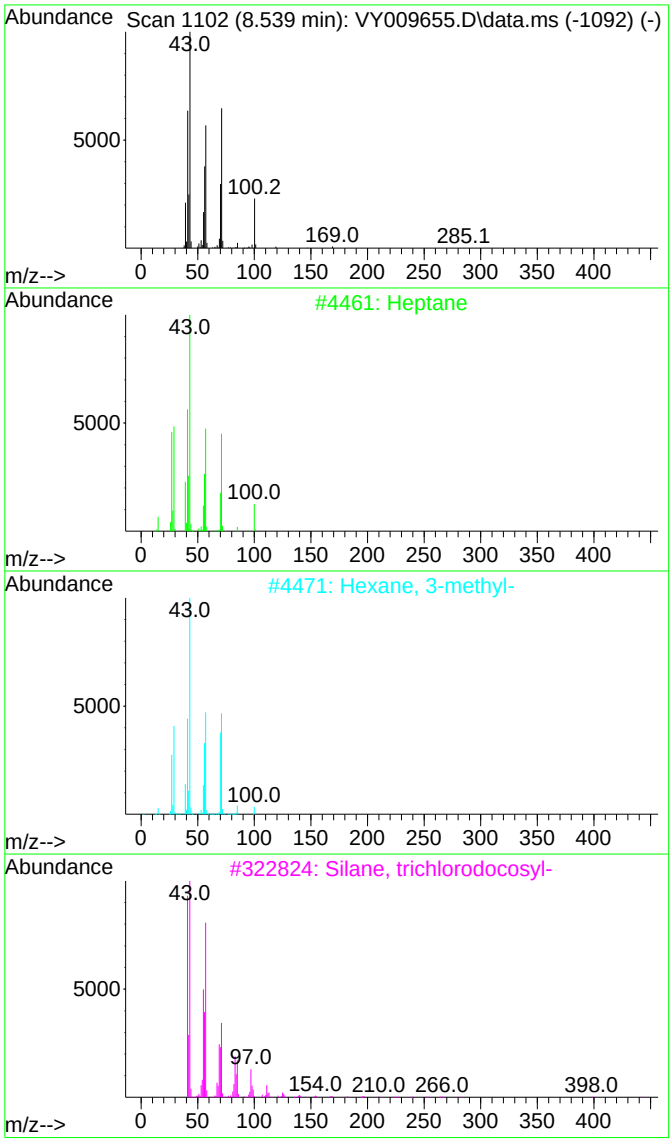
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

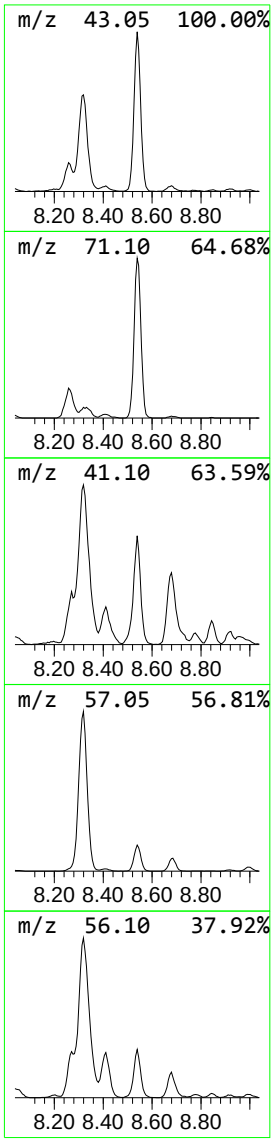
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	19.87 ug/l	405499	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	50
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

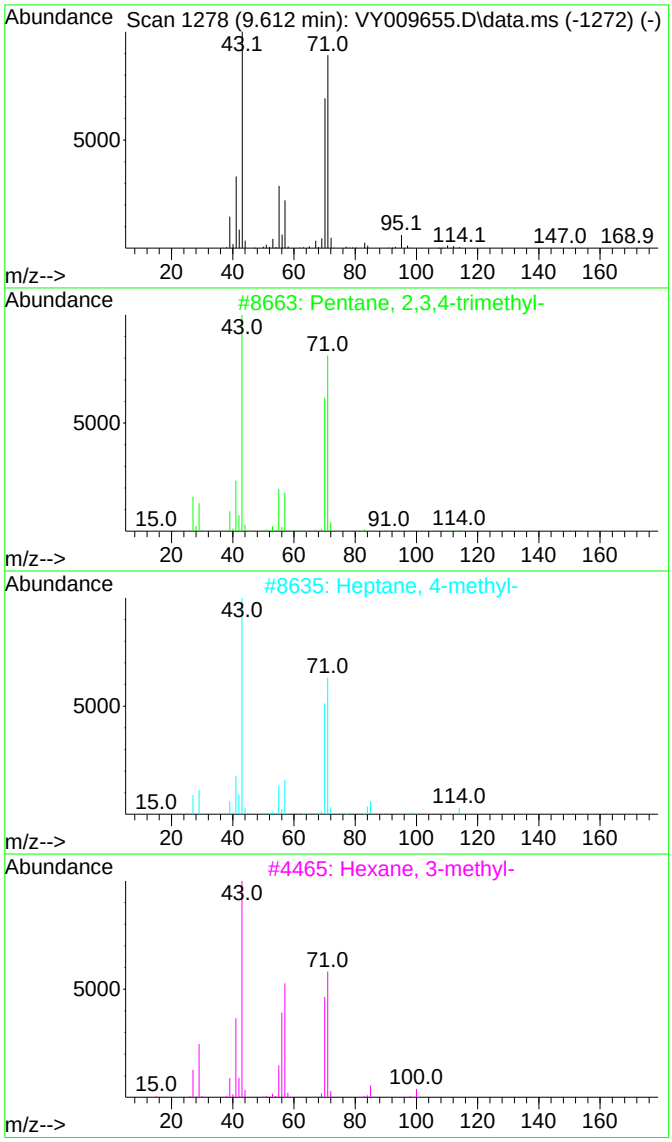
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

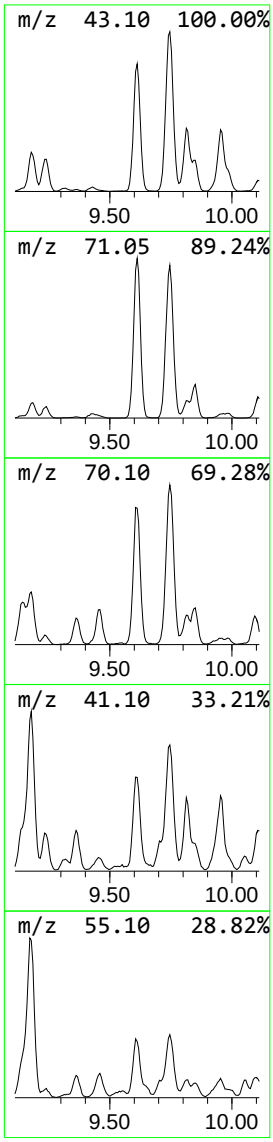
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	27.63 ug/l	563734	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	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

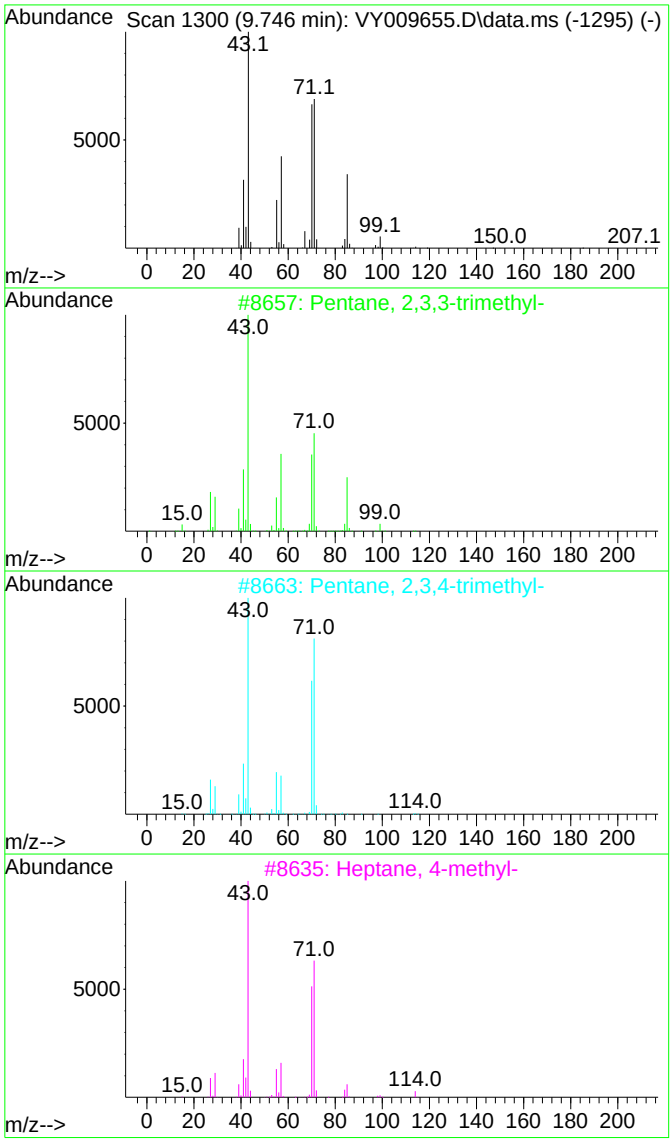
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

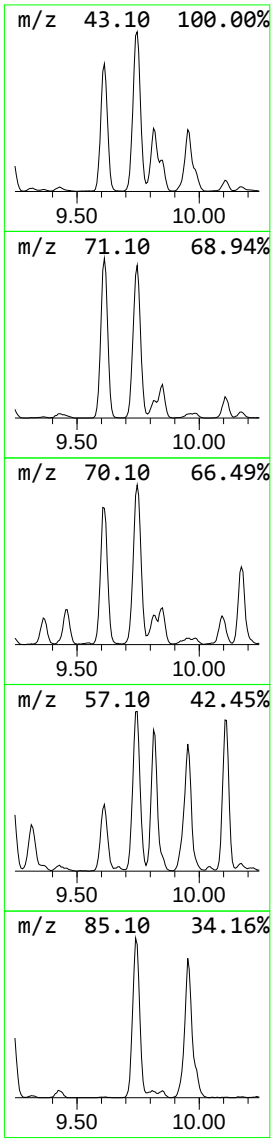
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	38.44 ug/l	784185	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

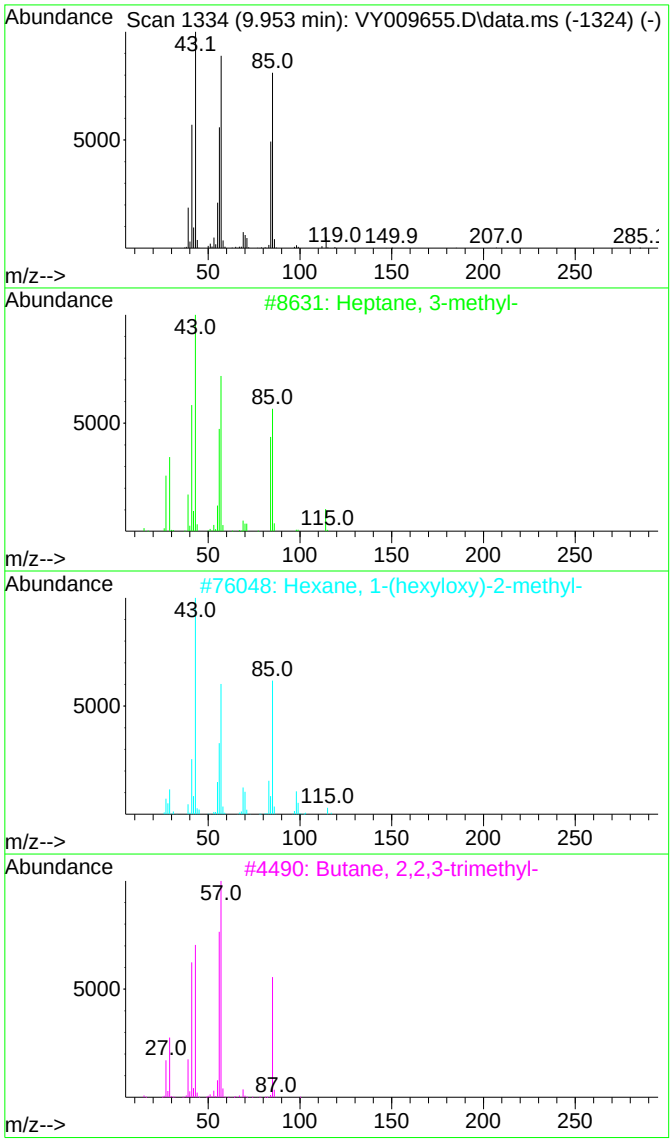
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

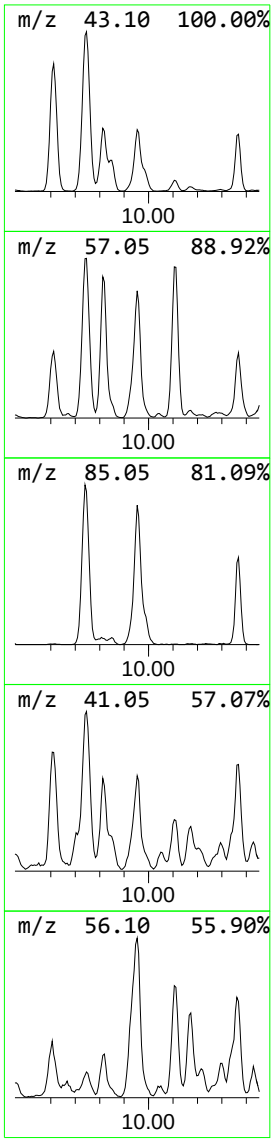
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	21.24 ug/l	433450	1,4-Difluorobenzene	8.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	64
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

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

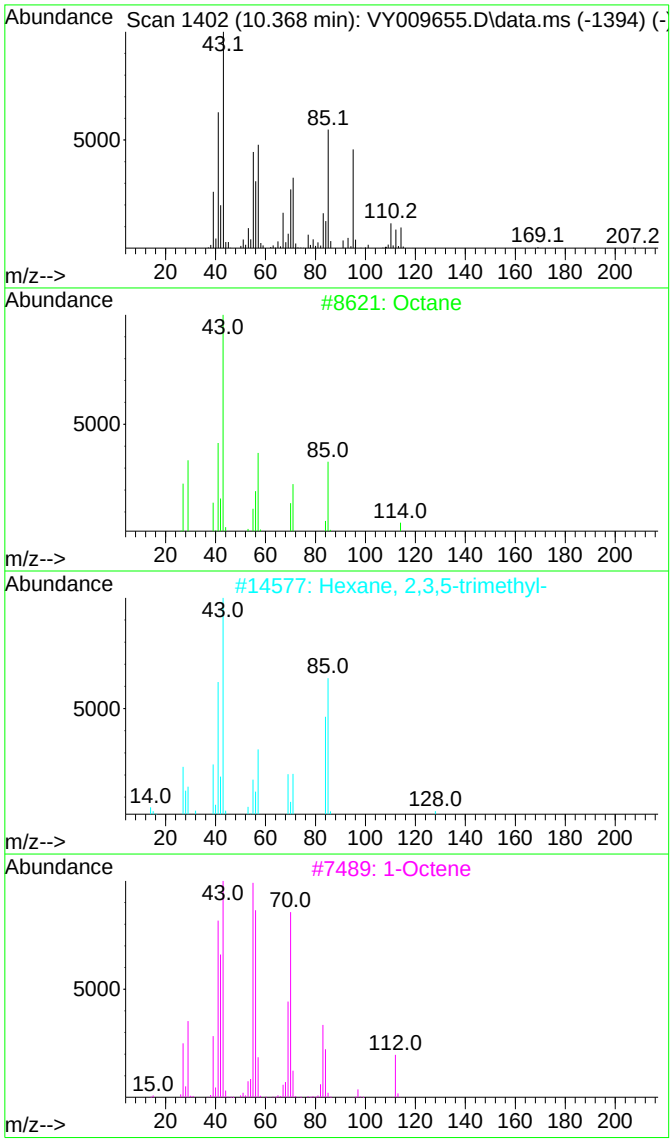
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

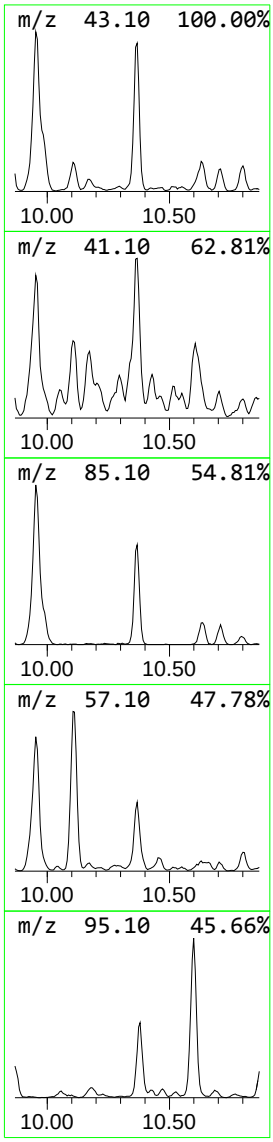
****

Peak Number 8 Octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	30.12 ug/l	455047	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	64
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	35
3	1-Octene	112	C8H16	000111-66-0	30
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	27
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

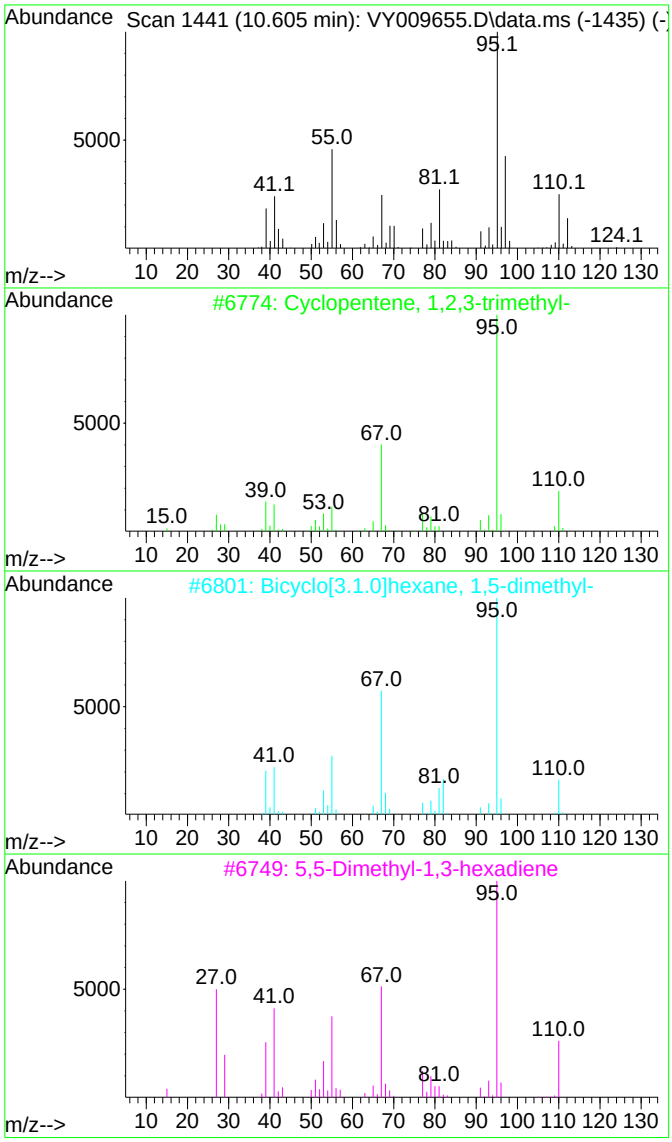
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

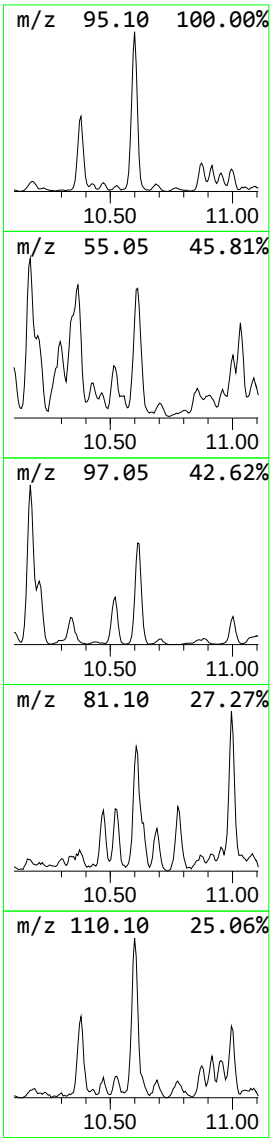
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.605	27.74 ug/l	419046	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	60
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	53
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	53
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	52
5	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

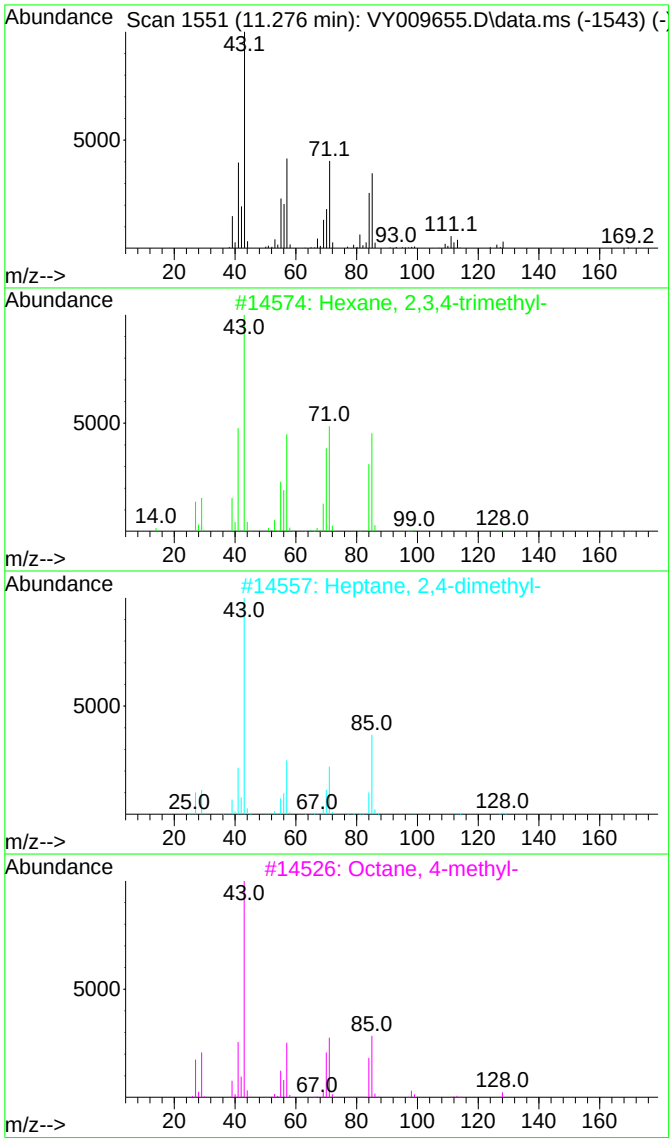
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

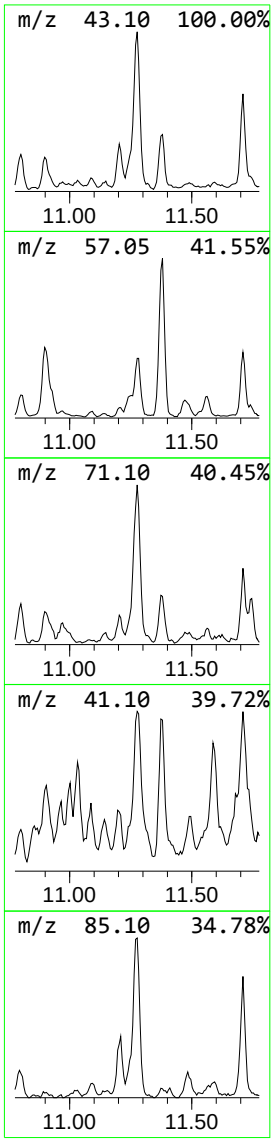
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexane, 2,3,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	19.31 ug/l	291709	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Octane, 4-methyl-	128	C9H20	002216-34-4	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
5	Octane, 2-methyl-	128	C9H20	003221-61-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

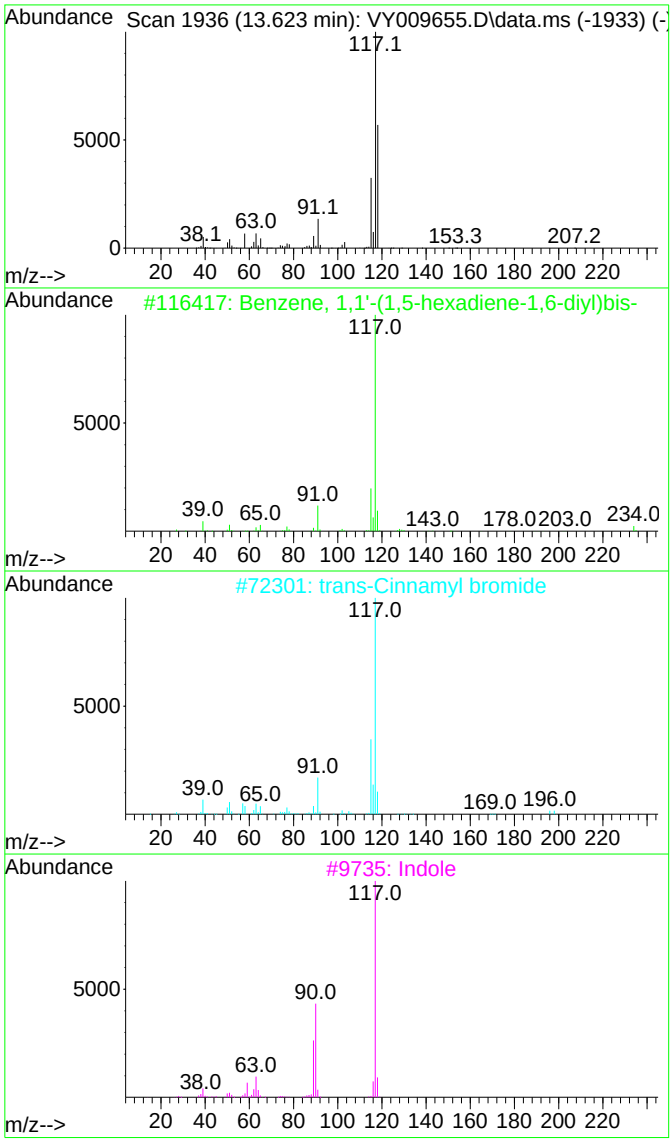
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

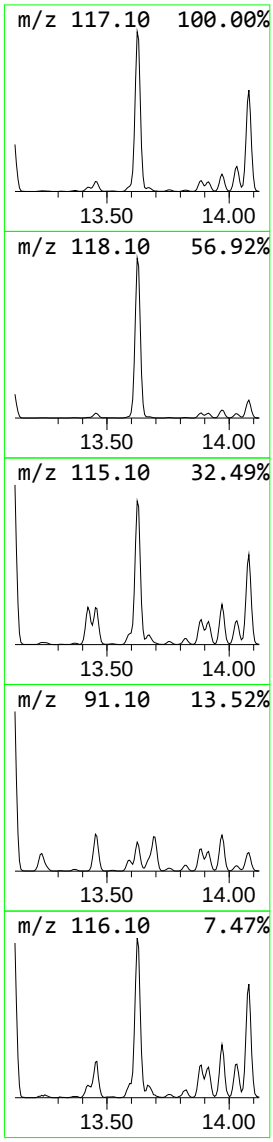
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	27.81 ug/l	2276340	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Indole	117	C8H7N	000120-72-9	46
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

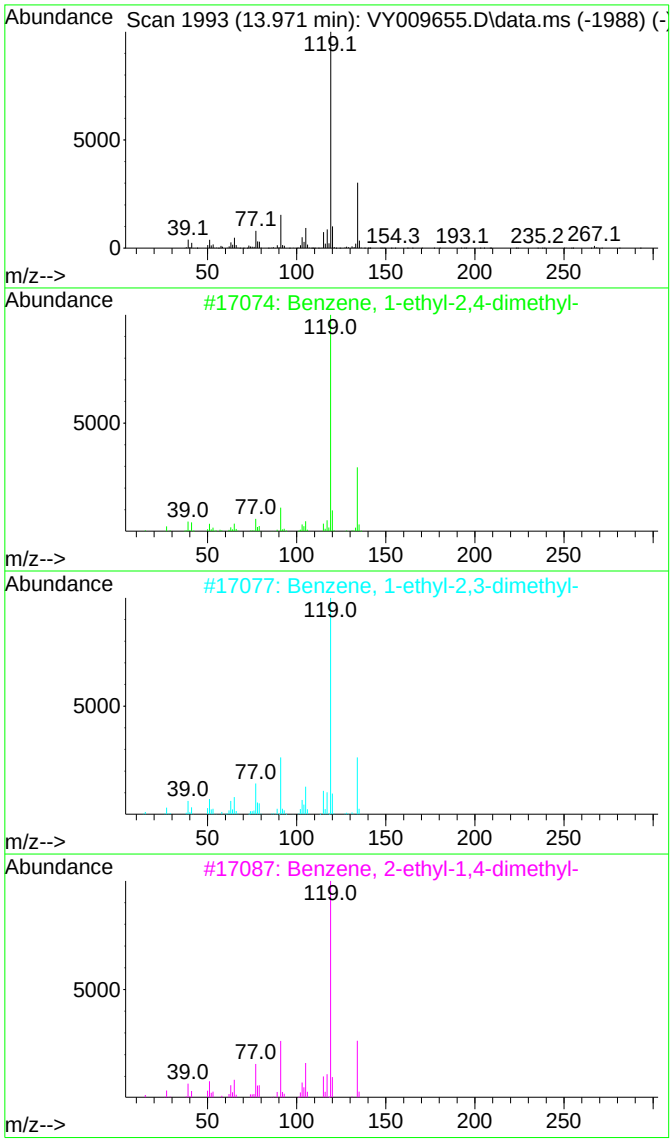
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

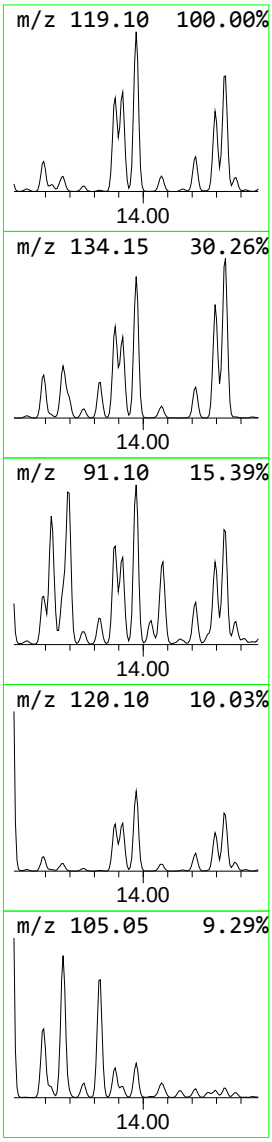
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	28.89 ug/l	2364270	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

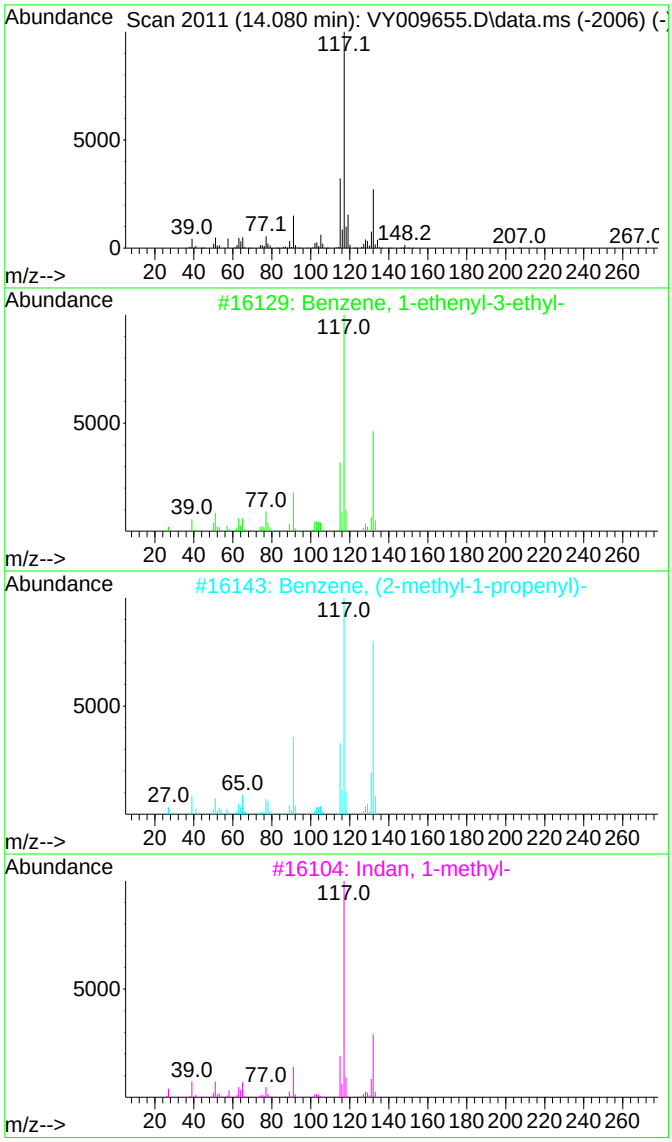
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

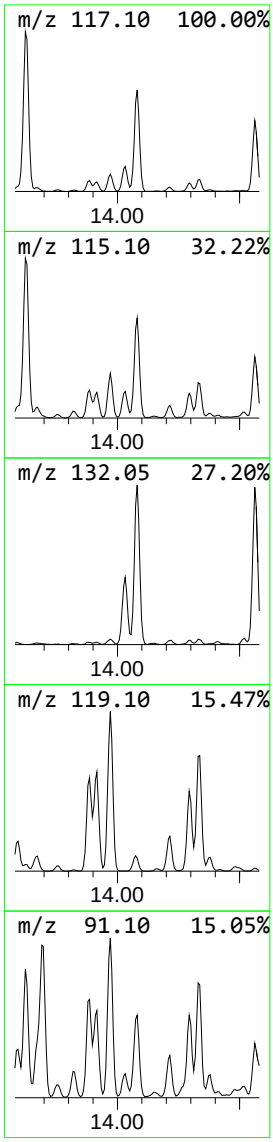
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	19.17 ug/l	1568920	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

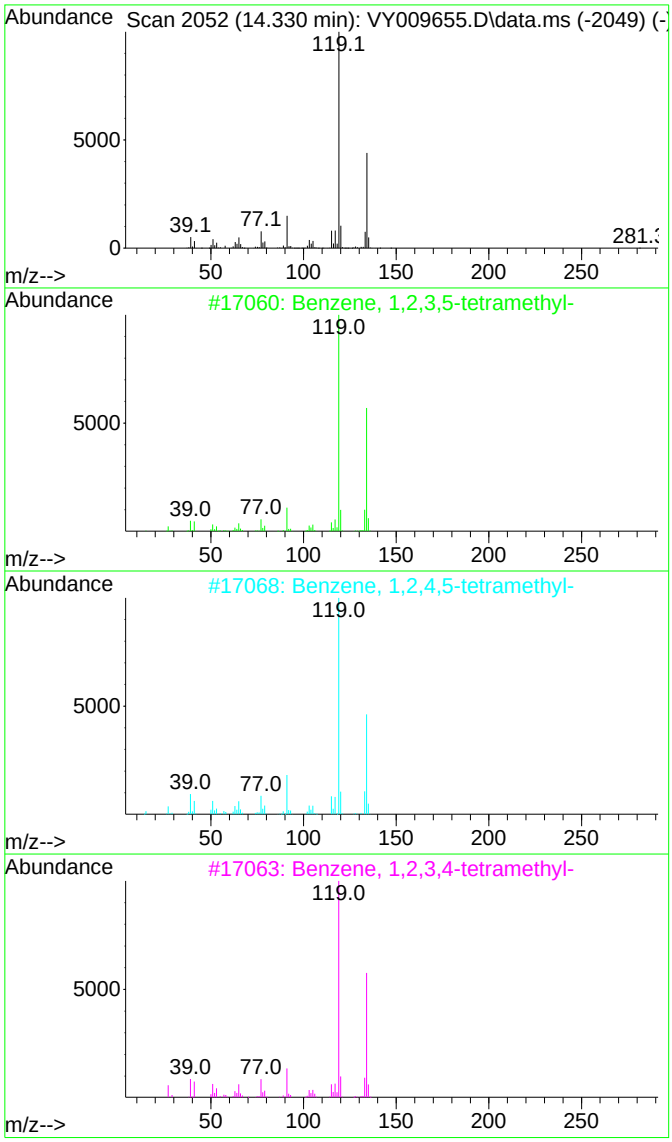
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

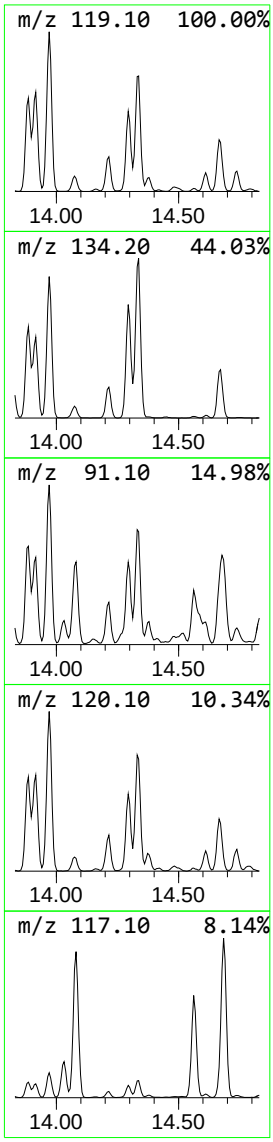
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	21.76 ug/l	1780790	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(5-5.5)

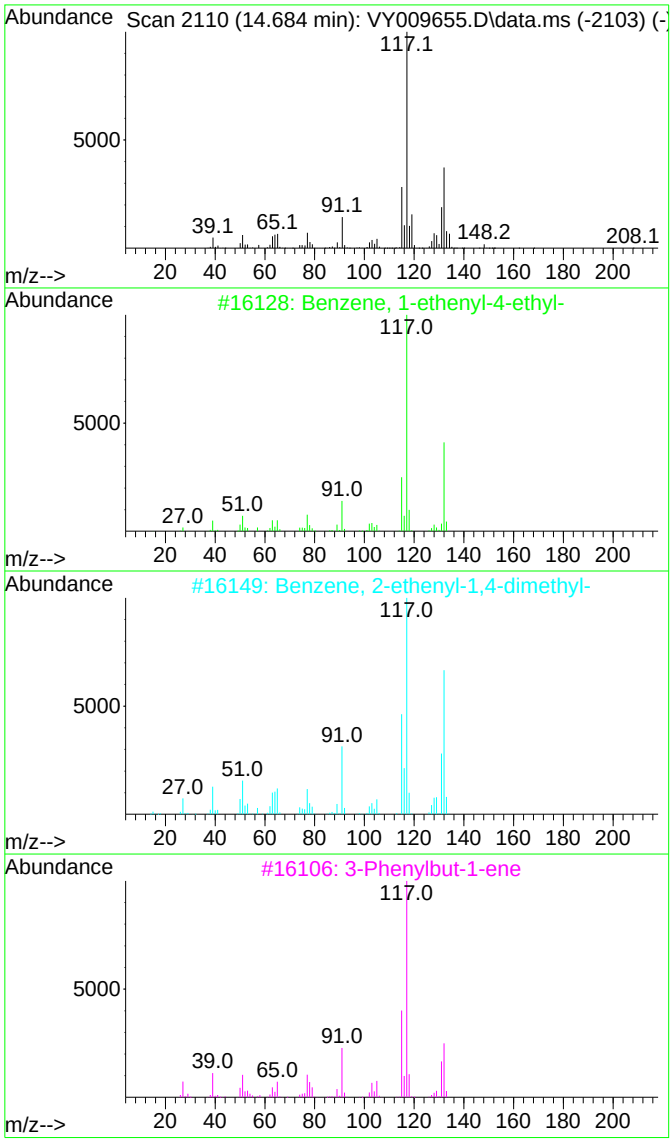
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

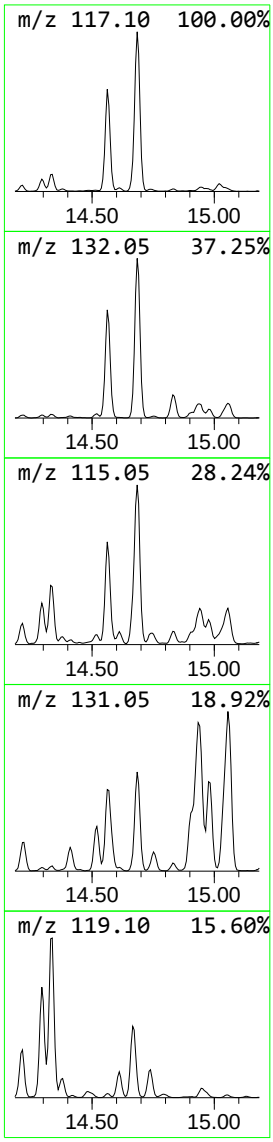
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	30.73 ug/l	2515310	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009655.D
Acq On : 22 Jul 2022 13:24
Operator : KP/MD
Sample : N3773-13
Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(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
Pentane, 2,3-di...	7.862	19.6	ug/l	439830	1	7.783	1119810	50.0
Hexane, 3-methyl-	7.990	22.7	ug/l	507723	1	7.783	1119810	50.0
Hexane, 2,2-dim...	8.319	46.5	ug/l	949529	2	8.685	1020130	50.0
Heptane	8.539	19.9	ug/l	405499	2	8.685	1020130	50.0
Pentane, 2,3,4-...	9.612	27.6	ug/l	563734	2	8.685	1020130	50.0
Pentane, 2,3,3-...	9.746	38.4	ug/l	784185	2	8.685	1020130	50.0
Heptane, 3-methyl-	9.953	21.2	ug/l	433450	2	8.685	1020130	50.0
Octane	10.368	30.1	ug/l	455047	3	11.490	755315	50.0
Cyclopentene, 1...	10.605	27.7	ug/l	419046	3	11.490	755315	50.0
Hexane, 2,3,4-t...	11.276	19.3	ug/l	291709	3	11.490	755315	50.0
Benzene, 1,1'-(...	13.623	27.8	ug/l	2276340	4	13.422	4092080	50.0
Benzene, 1-ethy...	13.971	28.9	ug/l	2364270	4	13.422	4092080	50.0
Benzene, 1-ethe...	14.081	19.2	ug/l	1568920	4	13.422	4092080	50.0
Benzene, 1,2,3,...	14.330	21.8	ug/l	1780790	4	13.422	4092080	50.0
Benzene, 1-ethe...	14.684	30.7	ug/l	2515310	4	13.422	4092080	50.0