LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

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\82Y021422S.M
Title : SW846 8260

Signal : TIC: VY007503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.918	168	180	203	rBV	1498830	3533215	1.43%	0.176%
2	3.272	229	238	259	rVB2	1181322	3203471	1.30%	0.160%
3	3.960	335	351	386	rVB	676166	2509911	1.02%	0.125%
4	4.790	465	487	533	rVB2	7895384	48236972	19.58%	2.405%
5	5.265	540	565	601	rBV	5986738	27323672	11.09%	1.363%
6	5.594	601	619	635	rBV4	1101309	5456339	2.21%	0.272%
7	5.777	635	649	666	rBV	5342436	23083791	9.37%	1.151%
8	5.942	666	676	686	rBV	1110091	4247047	1.72%	0.212%
9	6.058	686	695	699	rBV	1641096	5007410	2.03%	0.250%
10	6.265	719	729	739	rBV	1088311	4217908	1.71%	0.210%
11	6.393	743	750	766	rVV2	1003106	4552663	1.85%	0.227%
12	6.564	767	778	792	rVV2	2546823	10212361	4.14%	0.509%
13	6.722	792	804	811	rVV	3948193	16722451	6.79%	0.834%
14	6.820	812	820	844	rVB	6719145	30292692	12.29%	1.511%
15	7.551	920	940	951	rBV2	3941360	16986256	6.89%	0.847%
16	7.801	969	981	991	rBV5	9542099	49802172	20.21%	2.483%
17	7.911	992	999	1010	rVB	8081474	32626943	13.24%	1.627%
18	8.039	1010	1020	1038	rVB	10490264	48078579	19.51%	2.397%
19	8.374	1038	1075	1085	rBV3	15033917	94298392	38.27%	4.702%
20	8.582	1098	1109	1123	rVB5	8613009	39489260	16.03%	1.969%
21	8.716	1123	1131	1152	rBV4	8556231	46013669	18.67%	2.294%
22	8.874	1152	1157	1165	rVB	2133493	5261336	2.14%	0.262%
23	8.984	1165	1175	1196	rVB6	4366645	18992338	7.71%	0.947%
24	9.210	1196	1212	1221	rBV5	12109646	65172170	26.45%	3.250%
25	9.399	1236	1243	1251	rVB2	4604987	12882926	5.23%	0.642%
26	9.490	1251	1258	1269	rBV2	3235474	10213487	4.14%	0.509%
27	9.648	1275	1284	1294	rBV3	8842463	39866893	16.18%	1.988%
28	9.789	1295	1307	1314	rBV4	8583934	36073824	14.64%	1.799%
29	10.008	1333	1343	1356	rBV3	7538605	34907691	14.17%	1.741%
30	10.179	1366	1371	1376	rBV	2826352	6723192	2.73%	0.335%
31	10.289	1377	1389	1400	rVV3	41327113	172950164	70.19%	8.624%
32	10.404	1401	1408	1423	rVB5	9861599	34708631	14.09%	1.731%
33	10.642	1440	1447	1458	rBV7	6748120	22228321	9.02%	1.108%
34	10.734	1458	1462	1471	rVB2	2980316	7515061	3.05%	0.375%
35	10.837	1471	1479	1482	rBV2	2648064	6928800	2.81%	0.346%
36	10.941	1489	1496	1505	rBV2	3501639	12281486	4.98%	0.612%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

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\82Y021422S.M
Title : SW846 8260

37	11.325	1549	1559	1567	rVB5	6615778	29096394	11.81%	1.451%
38	11.435	1567	1577	1586	rVB2	6190364	24631126	10.00%	1.228%
39	11.551	1589	1596	1599	rBV5	1490224	3860917	1.57%	0.193%
40	11.630	1599	1609	1618	rBV2	38706611	143860388	58.38%	7.174%
41	11.746	1618	1628	1639	rVB4	55788043	246408326	100.00%	12.287%
42	11.965	1653	1664	1669	rBV4	2401455	6307168	2.56%	0.315%
43	12.069	1669	1681	1689	rVV3	54663780	174858063	70.96%	8.719%
44	12.142	1689	1693	1698	rVB	2694283	4546682	1.85%	0.227%
45	12.227	1698	1707	1710	rBV4	2606009	6446952	2.62%	0.321%
46	12.349	1722	1727	1732	rBV	7269575	13355508	5.42%	0.666%
47	12.544	1754	1759	1763	rVB	2064418	3054749	1.24%	0.152%
48	12.691	1776	1783	1788	rBV	12461423	27186677	11.03%	1.356%
49	12.758	1788	1794	1798	rBV2	44420922	93127088	37.79%	4.644%
50	12.831	1803	1806	1812	rVB	21979662	34808852	14.13%	1.736%
51	12.989	1824	1832	1839	rBV	17288208	33314103	13.52%	1.661%
52	13.142	1849	1857	1868	rVB2	45460354	86378626	35.06%	4.307%
53	13.258	1868	1876	1880	rBV3	1138082	3153759	1.28%	0.157%
54	13.325	1882	1887	1891	rVB	1934341	3004893	1.22%	0.150%
55	13.465	1902	1910	1915	rBV	10001338	17292153	7.02%	0.862%
56	13.599	1926	1932	1933	rBV	2664556	3371011	1.37%	0.168%
57	13.629	1933	1937	1941	rVV2	9126717	16483752	6.69%	0.822%
58	13.672	1941	1944	1954	rVB3	5887913	11232827	4.56%	0.560%
59	13.825	1963	1969	1975	rVB2	1475184	2495451	1.01%	0.124%
60	13.892	1975	1980	1982	rBV	2476256	3734530	1.52%	0.186%
61	13.922	1982	1985	1989	rVB	2147713	3041693	1.23%	0.152%
62	13.977	1989	1994	1999	rVB	3547505	5027816	2.04%	0.251%
63	14.087	2007	2012	2017	rVB2	1756657	2724743	1.11%	0.136%

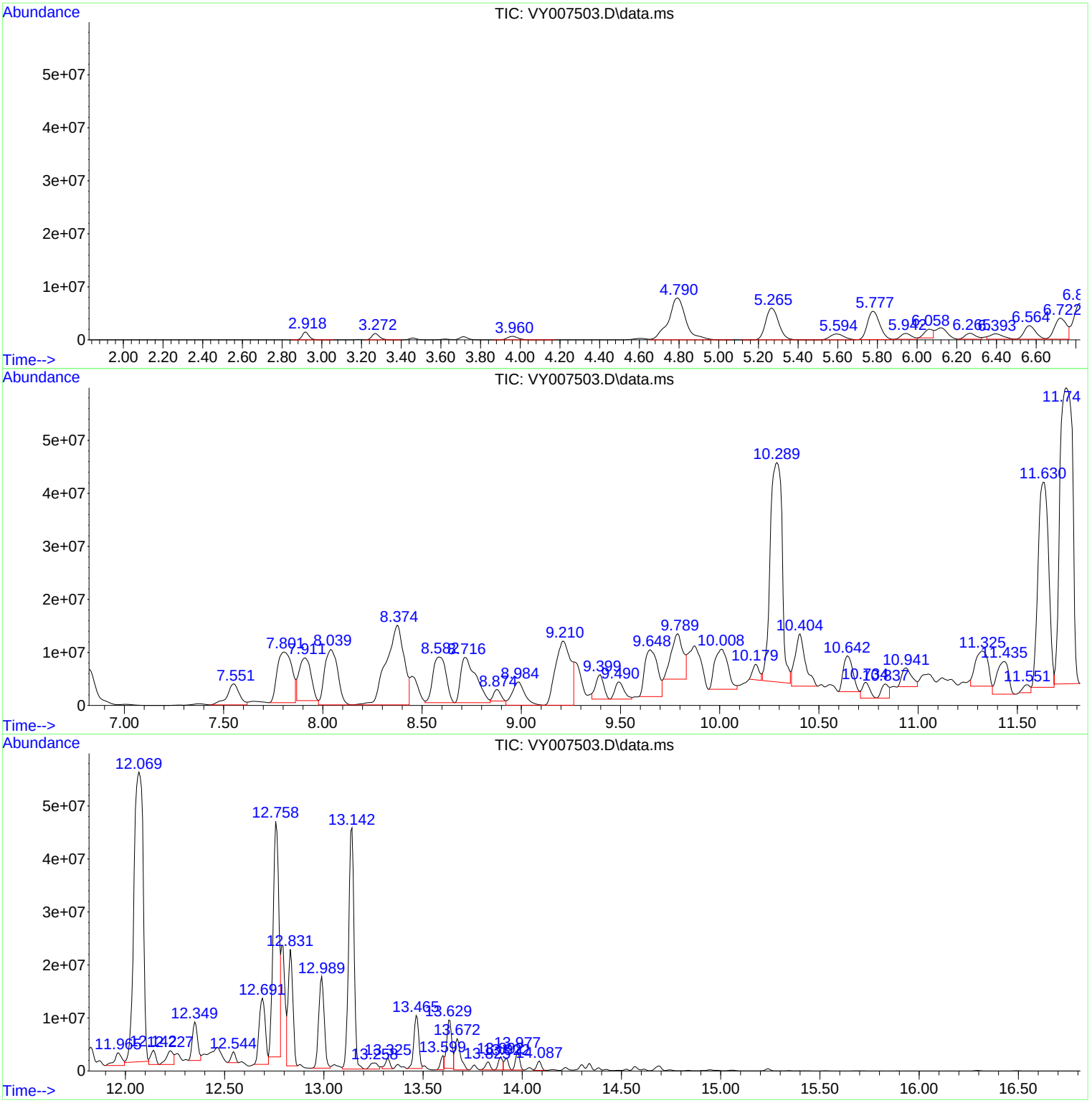
Sum of corrected areas: 2005405741

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

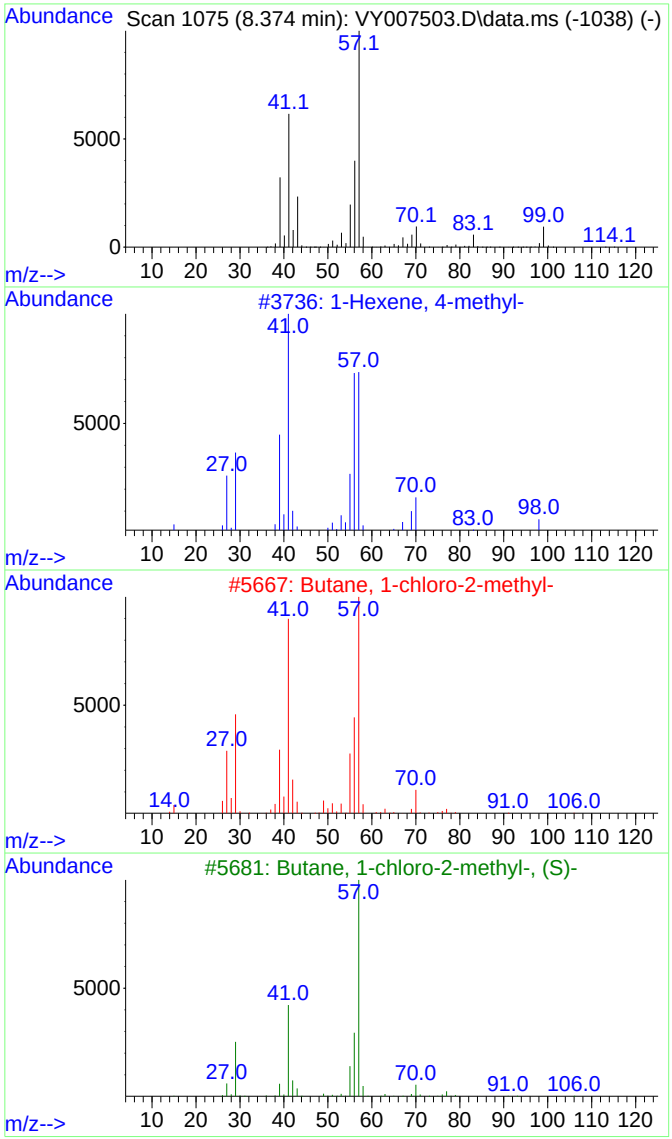
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

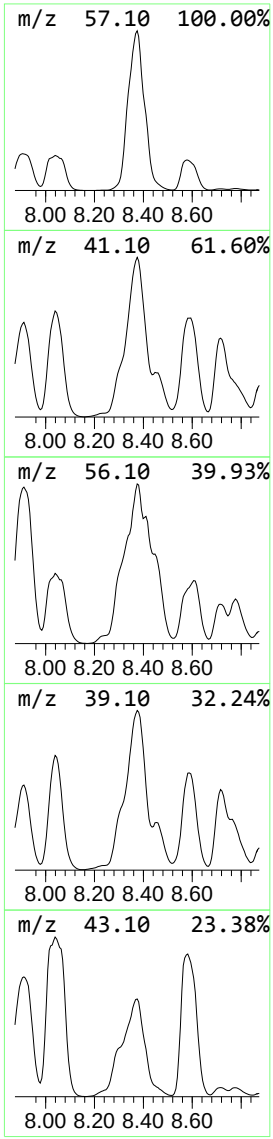
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.374	102.47 ug/l	94298400	1,4-Difluorobenzene	8.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	53
2	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	45
3	Butane, 1-chloro-2-methyl-, (S)-	106	C5H11Cl	040560-29-0	45
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45
5	Butane, 2-azido-2,3,3-trimethyl-	141	C7H15N3	051677-41-9	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

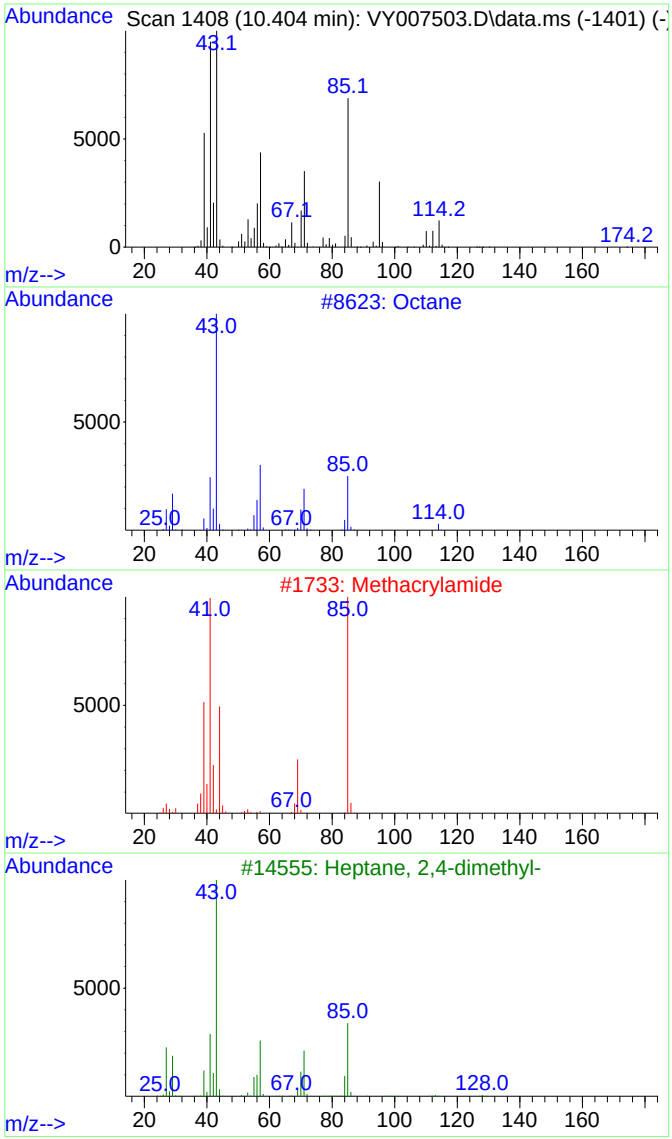
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

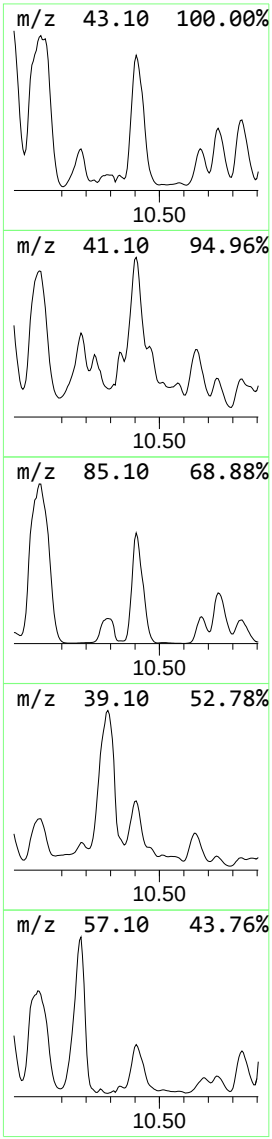
****

Peak Number 2 unknown10.404 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.404	449.49 ug/l	34708600	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	49
2	Methacrylamide	85	C4H7NO	000079-39-0	43
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	37
4	1-Bromo-7-(tetrahydro-2-pyranylo...	278	C12H23BrO2	010160-25-5	35
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

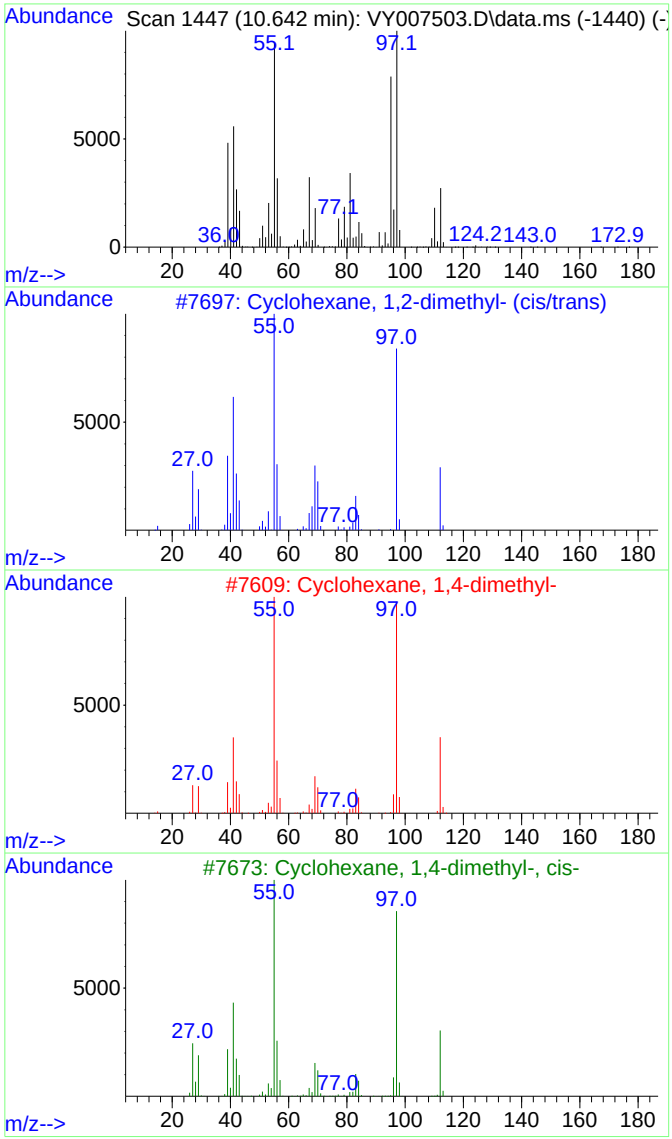
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

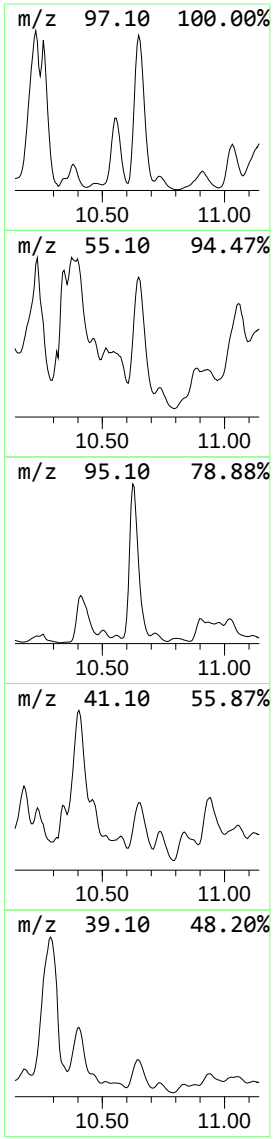
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.642	287.86 ug/l	22228300	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	50
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	49
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	46
4	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	46
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

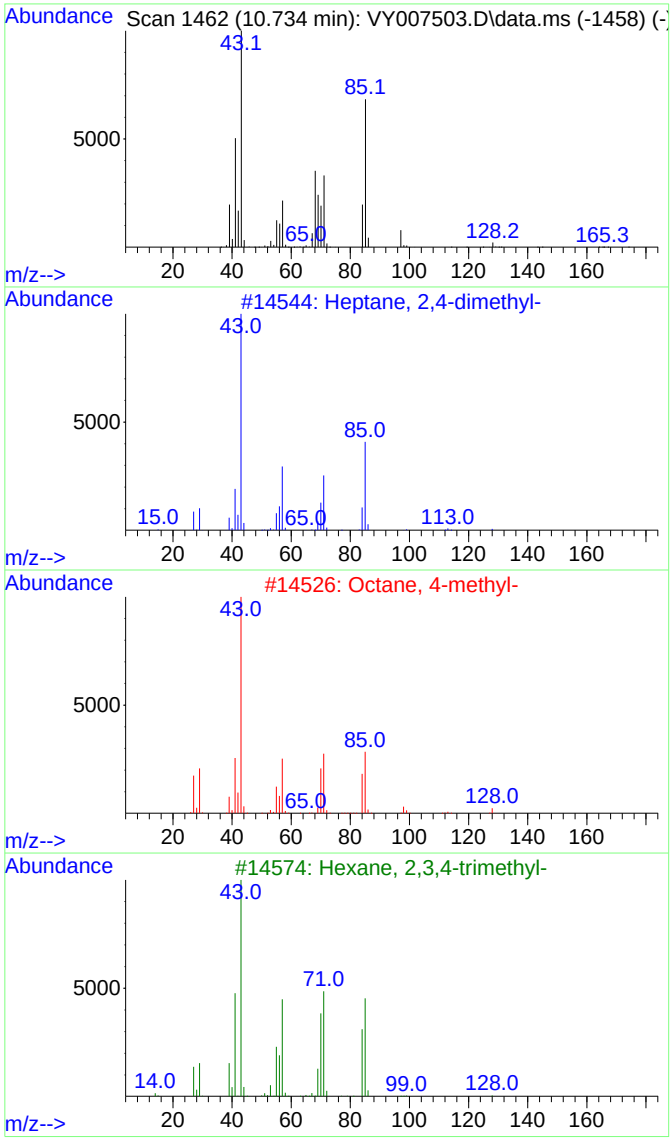
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

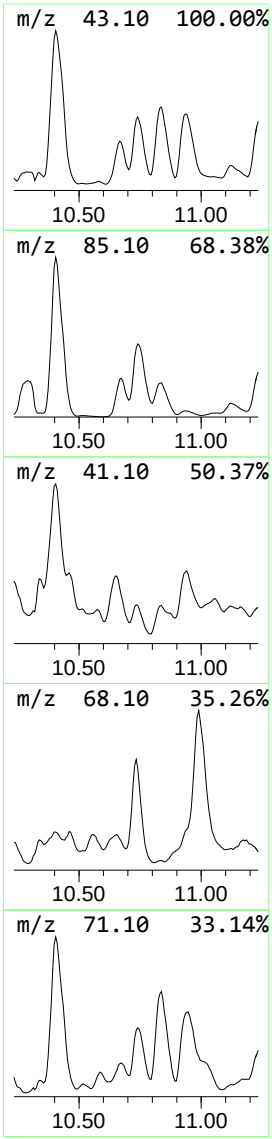
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.734	97.32 ug/l	7515060	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	74
2	Octane, 4-methyl-	128	C9H20	002216-34-4	58
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
4	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	43
5	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

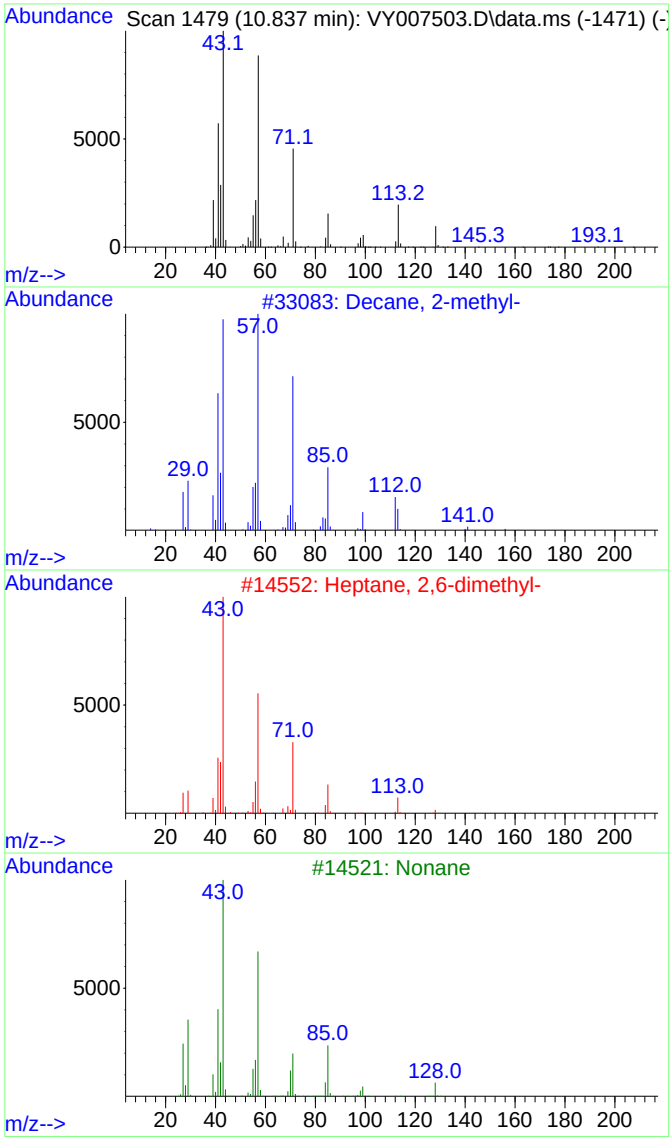
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

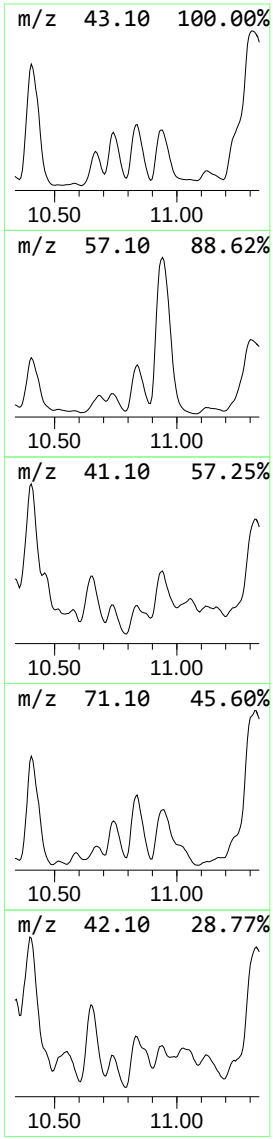
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.837	89.73 ug/l	6928800	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	53
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
3	Nonane	128	C9H20	000111-84-2	50
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
5	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

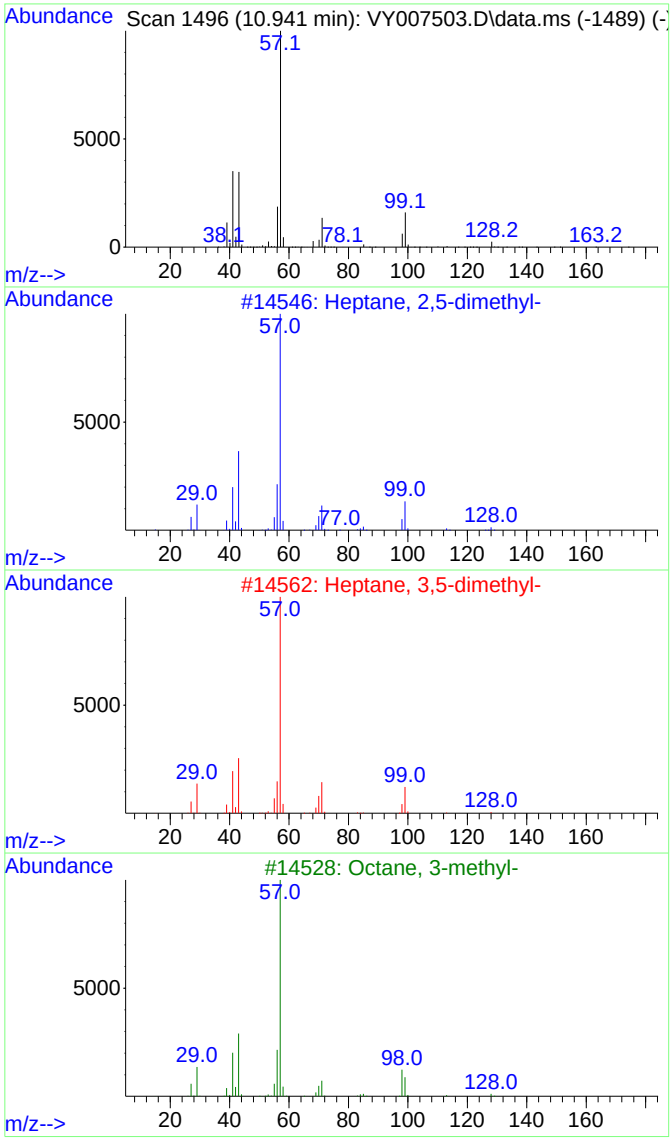
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

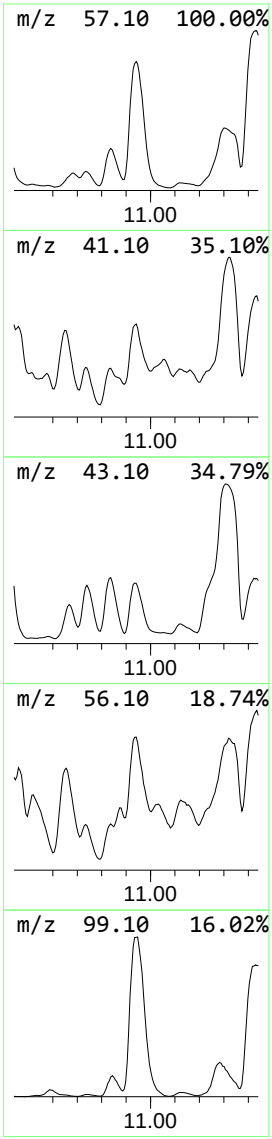
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.941	159.05 ug/l	12281500	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	86
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptane, 2-iodo-	226	C7H15I	018589-29-2	50
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

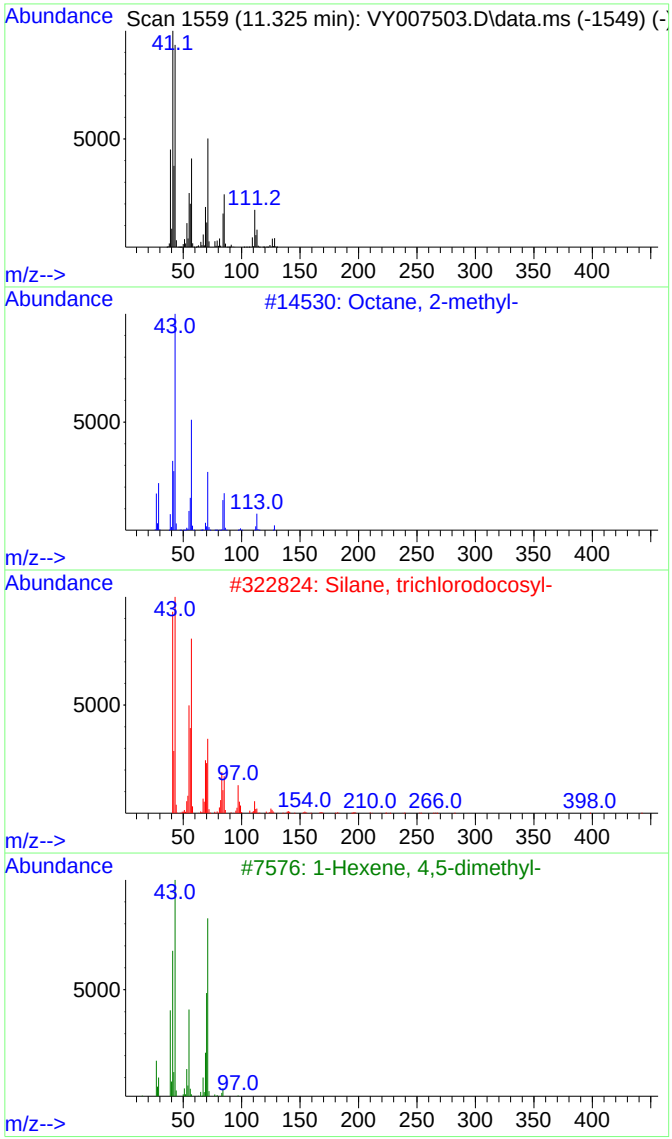
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

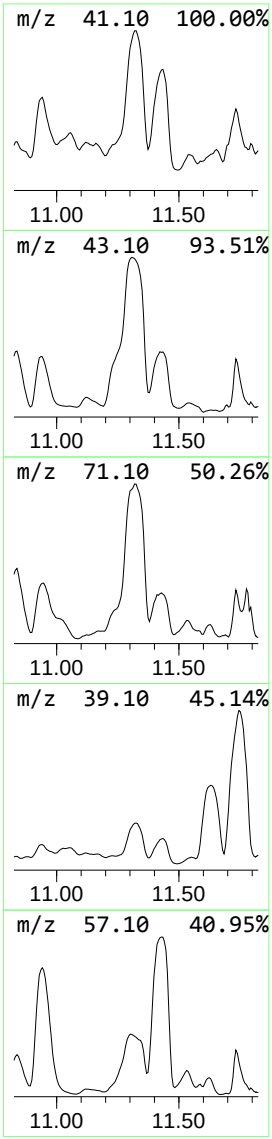
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown11.325 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.325	376.81 ug/l	29096400	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	46
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	43
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	38
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	38
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

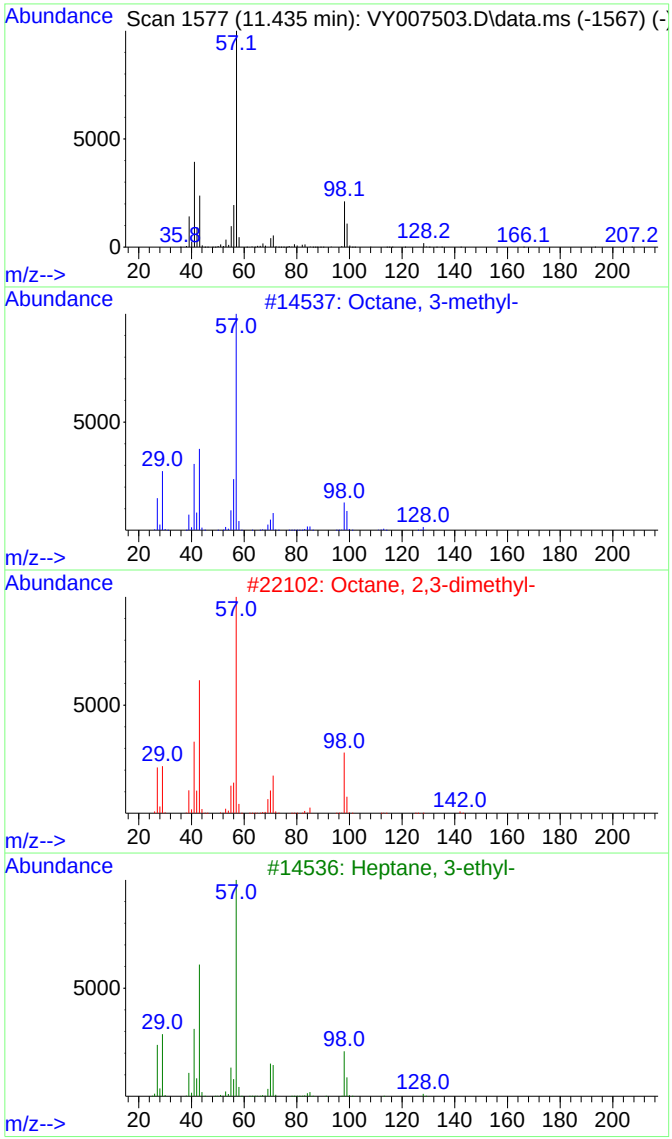
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

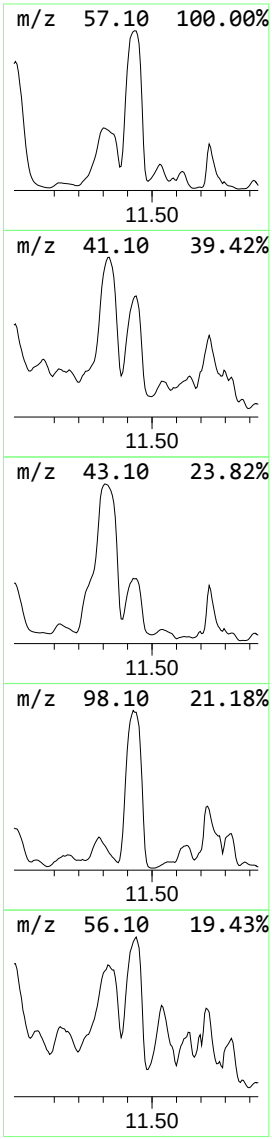
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Octane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.435	318.98 ug/l	24631100	Chlorobenzene-d5	11.508

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
4	4-Bromoheptane	178	C7H15Br	000998-93-6	50
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

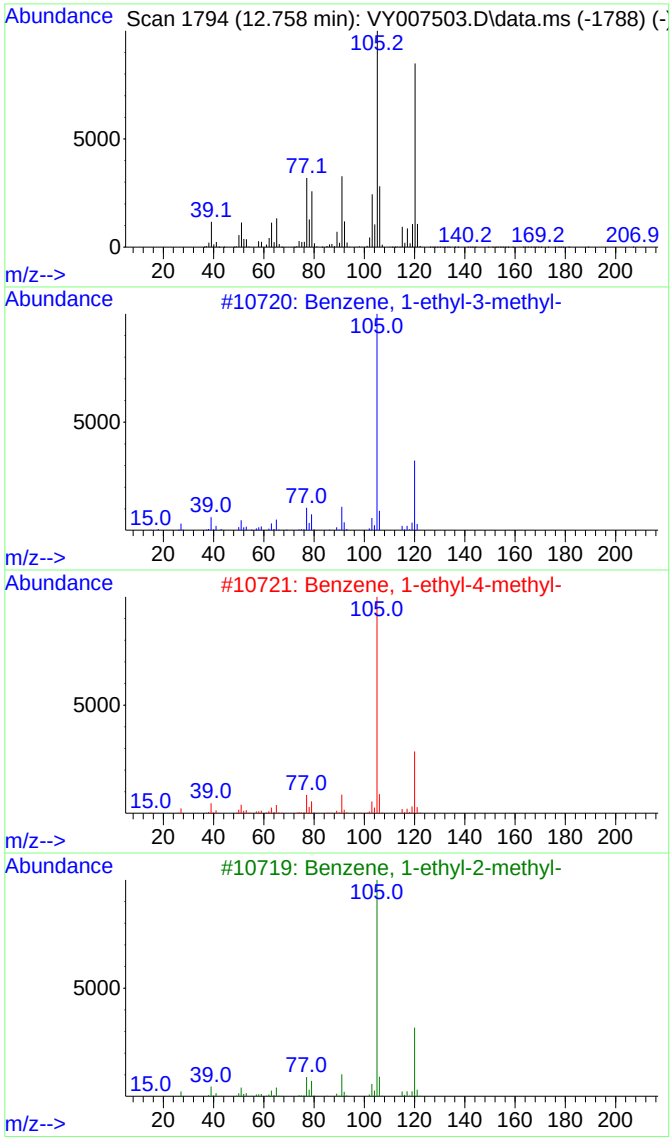
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

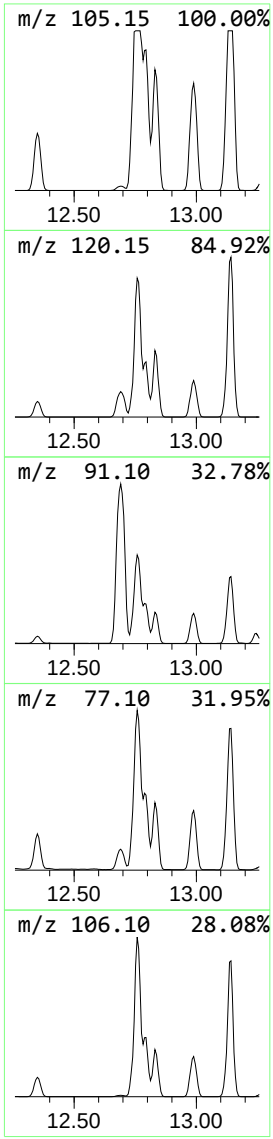
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.758	269.28 ug/l	93127100	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

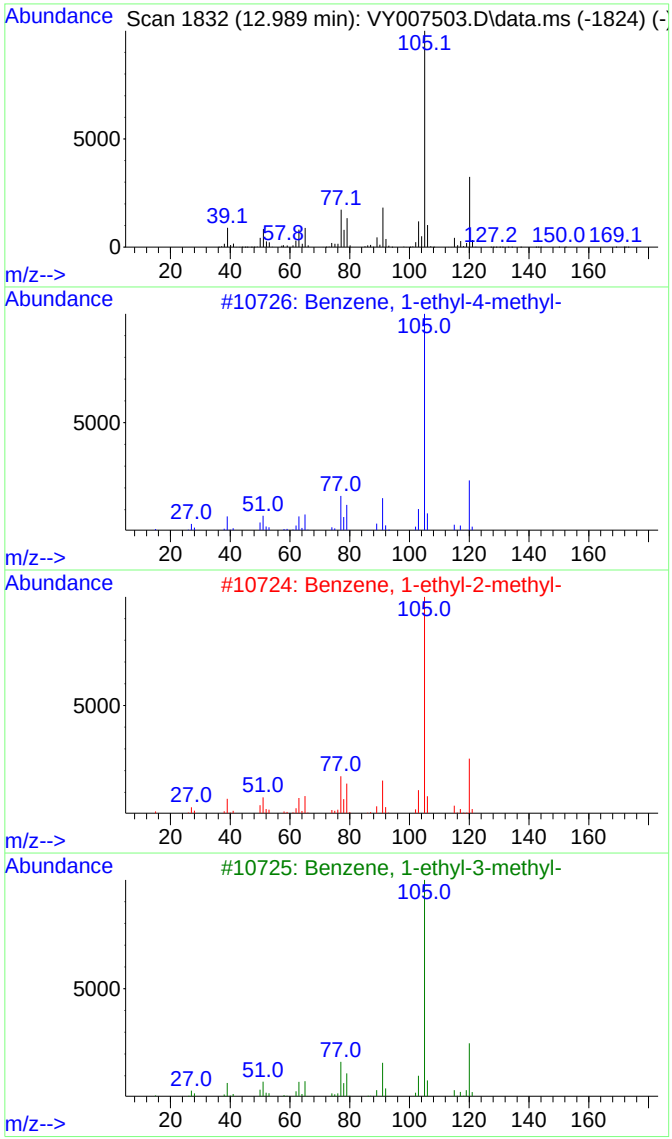
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

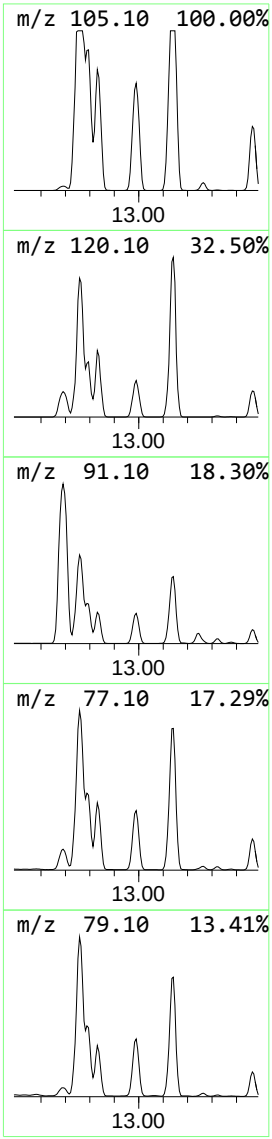
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	96.33 ug/l	33314100	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007503.D
Acq On : 15 Feb 2022 15:07
Operator : SY/MD
Sample : N1539-02
Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.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
1-Hexene, 4-met...	8.374	102.5	ug/l	94298400	2	8.704	46013700	50.0
unknown10.404	10.404	449.5	ug/l	34708600	3	11.508	3860920	50.0
Cyclohexane, 1,...	10.642	287.9	ug/l	22228300	3	11.508	3860920	50.0
Heptane, 2,4-di...	10.734	97.3	ug/l	7515060	3	11.508	3860920	50.0
Decane, 2-methyl-	10.837	89.7	ug/l	6928800	3	11.508	3860920	50.0
Heptane, 2,5-di...	10.941	159.1	ug/l	12281500	3	11.508	3860920	50.0
unknown11.325	11.325	376.8	ug/l	29096400	3	11.508	3860920	50.0
Octane, 3-methyl-	11.435	319.0	ug/l	24631100	3	11.508	3860920	50.0
Benzene, 1-ethy...	12.758	269.3	ug/l	93127100	4	13.434	17292200	50.0
Benzene, 1-ethy...	12.989	96.3	ug/l	33314100	4	13.434	17292200	50.0