LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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_D\Method\82D060922S.M
Title : SW846 8260

Signal : TIC: VD073513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.032	179	189	196	rBV	166341	358661	1.55%	0.298%
2	4.944	500	514	516	rBV2	213350	584037	2.52%	0.485%
3	5.008	517	525	548	rVB2	583181	2148329	9.26%	1.783%
4	5.485	589	606	625	rBV	1008170	3487207	15.03%	2.894%
5	6.761	808	823	839	rBV2	184580	633097	2.73%	0.525%
6	6.920	839	850	859	rBV	307968	942767	4.06%	0.783%
7	7.020	859	867	876	rVB2	126185	354263	1.53%	0.294%
8	7.191	886	896	909	rBV2	187813	547369	2.36%	0.454%
9	7.726	977	987	997	rVB	151895	417126	1.80%	0.346%
10	7.908	1004	1018	1020	rBV2	277388	610515	2.63%	0.507%
11	7.967	1020	1028	1036	rVB4	863679	2457472	10.59%	2.040%
12	8.055	1036	1043	1055	rVB	860733	2169478	9.35%	1.801%
13	8.179	1055	1064	1071	rBV	1941066	4587495	19.78%	3.808%
14	8.244	1071	1075	1079	rBV2	243395	413325	1.78%	0.343%
15	8.455	1100	1111	1117	rBV3	1306576	3139789	13.54%	2.606%
16	8.526	1117	1123	1128	rVV	1009685	2252071	9.71%	1.869%
17	8.591	1128	1134	1145	rVV	1512371	3488881	15.04%	2.896%
18	8.855	1170	1179	1192	rBV	831709	1802764	7.77%	1.496%
19	9.167	1221	1232	1245	rVB2	299240	746485	3.22%	0.620%
20	9.349	1247	1263	1269	rBV	9975482	23197308	100.00%	19.254%
21	9.402	1269	1272	1281	rVB	981769	1631082	7.03%	1.354%
22	9.526	1287	1293	1299	rBV	408620	787373	3.39%	0.654%
23	9.620	1299	1309	1316	rVB2	854208	2144744	9.25%	1.780%
24	9.761	1326	1333	1343	rVB	784289	1565576	6.75%	1.299%
25	9.867	1345	1351	1353	rBV2	144697	249545	1.08%	0.207%
26	9.914	1353	1359	1363	rBV	546988	942748	4.06%	0.782%
27	9.967	1363	1368	1372	rBV	1138229	2191019	9.45%	1.819%
28	10.108	1382	1392	1404	rBV3	1302160	3982474	17.17%	3.306%
29	10.214	1404	1410	1414	rBV3	264834	551589	2.38%	0.458%
30	10.249	1414	1416	1422	rVB2	188107	309296	1.33%	0.257%
31	10.326	1422	1429	1434	rBV	4660640	9307206	40.12%	7.725%
32	10.455	1446	1451	1453	rBV	183677	284894	1.23%	0.236%
33	10.496	1453	1458	1469	rVB4	861835	2299095	9.91%	1.908%
34	10.626	1472	1480	1482	rBV4	188509	358260	1.54%	0.297%
35	10.673	1482	1488	1493	rVV	1264689	2055489	8.86%	1.706%
36	10.767	1498	1504	1509	rBV2	858426	1722323	7.42%	1.430%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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_D\Method\82D060922S.M
Title : SW846 8260

37	10.855	1515	1519	1524	rVB	528671	836646	3.61%	0.694%
38	10.943	1525	1534	1541	rBV	1019675	1790793	7.72%	1.486%
39	11.043	1541	1551	1559	rBV2	892761	2493981	10.75%	2.070%
40	11.114	1559	1563	1567	rVV2	505787	1008046	4.35%	0.837%
41	11.185	1567	1575	1579	rVV	1506964	3152048	13.59%	2.616%
42	11.237	1579	1584	1589	rVV	1186315	2238018	9.65%	1.858%
43	11.290	1589	1593	1597	rVV2	348972	596057	2.57%	0.495%
44	11.343	1597	1602	1606	rVV2	549940	992281	4.28%	0.824%
45	11.414	1606	1614	1626	rVB5	1160846	4012395	17.30%	3.330%
46	11.520	1626	1632	1643	rVB	1063011	1827524	7.88%	1.517%
47	11.632	1644	1651	1660	rBV	1229905	2284645	9.85%	1.896%
48	11.767	1670	1674	1678	rBV	161235	249301	1.07%	0.207%
49	11.820	1678	1683	1687	rVV4	222208	447524	1.93%	0.371%
50	11.879	1687	1693	1697	rVV	827061	1544114	6.66%	1.282%
51	11.920	1697	1700	1706	rVB3	434041	710501	3.06%	0.590%
52	12.067	1712	1725	1731	rBV4	266521	748782	3.23%	0.621%
53	12.143	1731	1738	1744	rBV4	687968	1543803	6.66%	1.281%
54	12.255	1753	1757	1762	rVB	499916	789031	3.40%	0.655%
55	12.337	1762	1771	1774	rBV7	334931	920724	3.97%	0.764%
56	12.384	1775	1779	1788	rVB3	485959	1034437	4.46%	0.859%
57	12.620	1814	1819	1824	rBV	1139529	1895131	8.17%	1.573%
58	12.784	1843	1847	1855	rVB3	163487	355086	1.53%	0.295%
59	12.943	1867	1874	1880	rVV3	381552	861921	3.72%	0.715%
60	12.996	1880	1883	1888	rVB2	161093	238705	1.03%	0.198%
61	13.173	1909	1913	1920	rVB2	206003	326363	1.41%	0.271%
62	13.455	1953	1961	1964	rBV3	155138	308646	1.33%	0.256%
63	13.561	1973	1979	1988	rVB	1395092	2306139	9.94%	1.914%
64	13.879	2028	2033	2038	rBV3	138601	246139	1.06%	0.204%

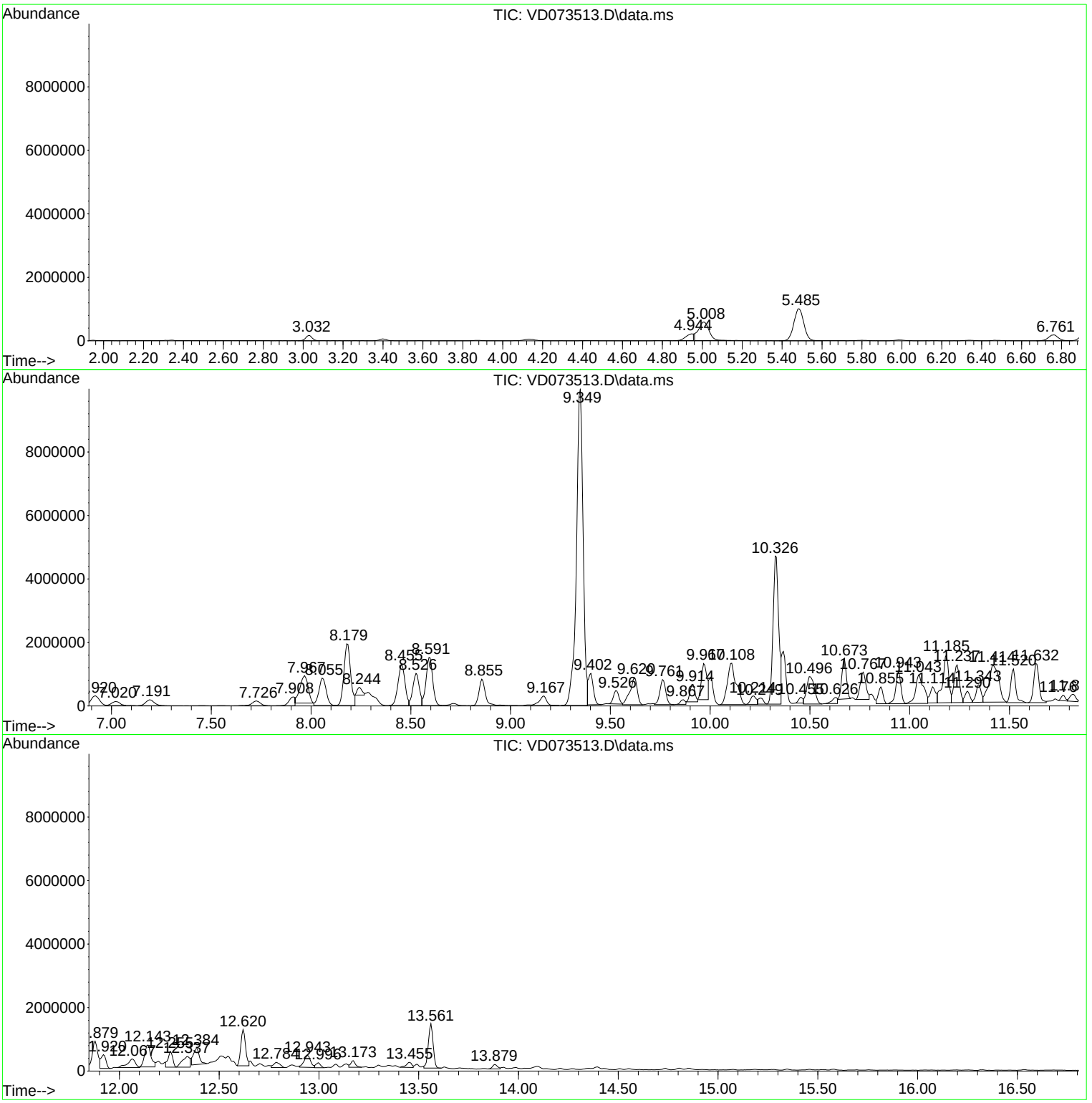
Sum of corrected areas: 120479933

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

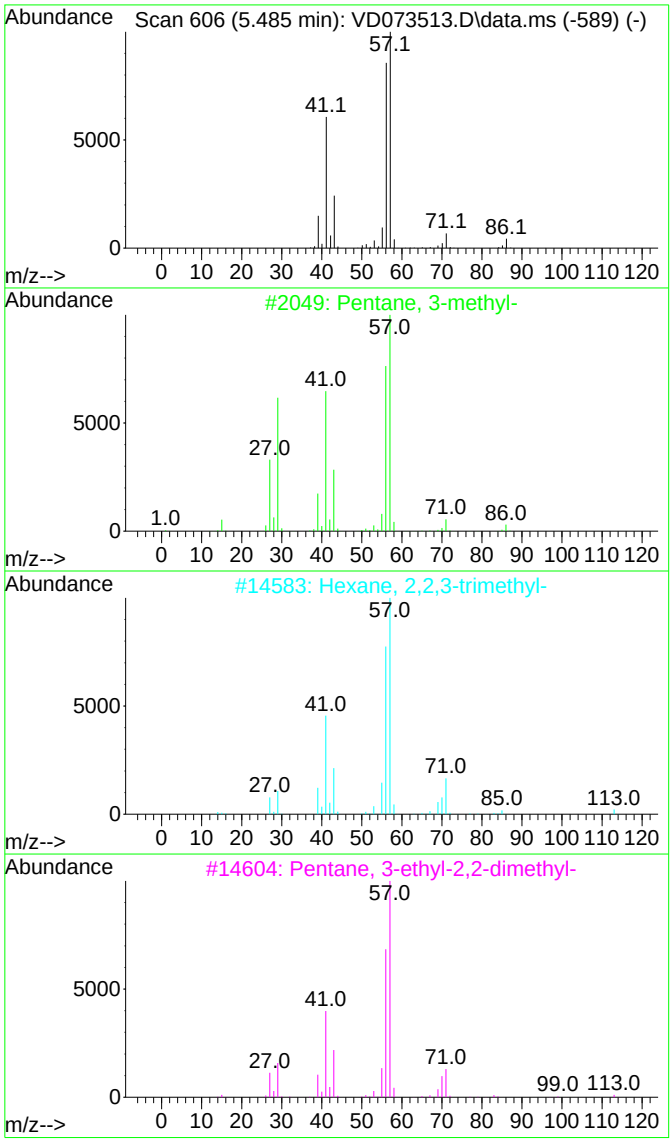
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

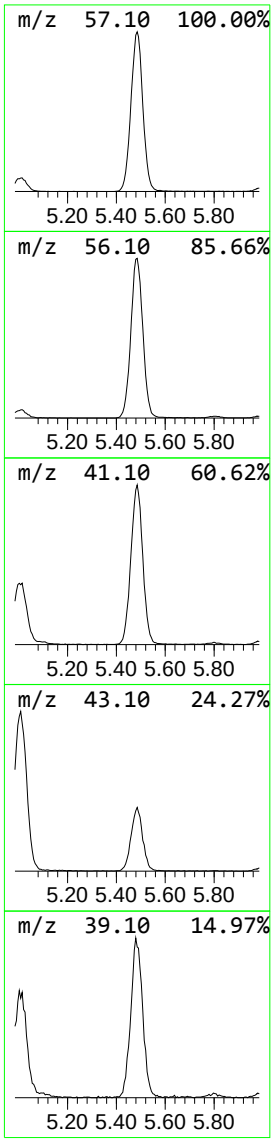
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.485	70.95 ug/l	3487210	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

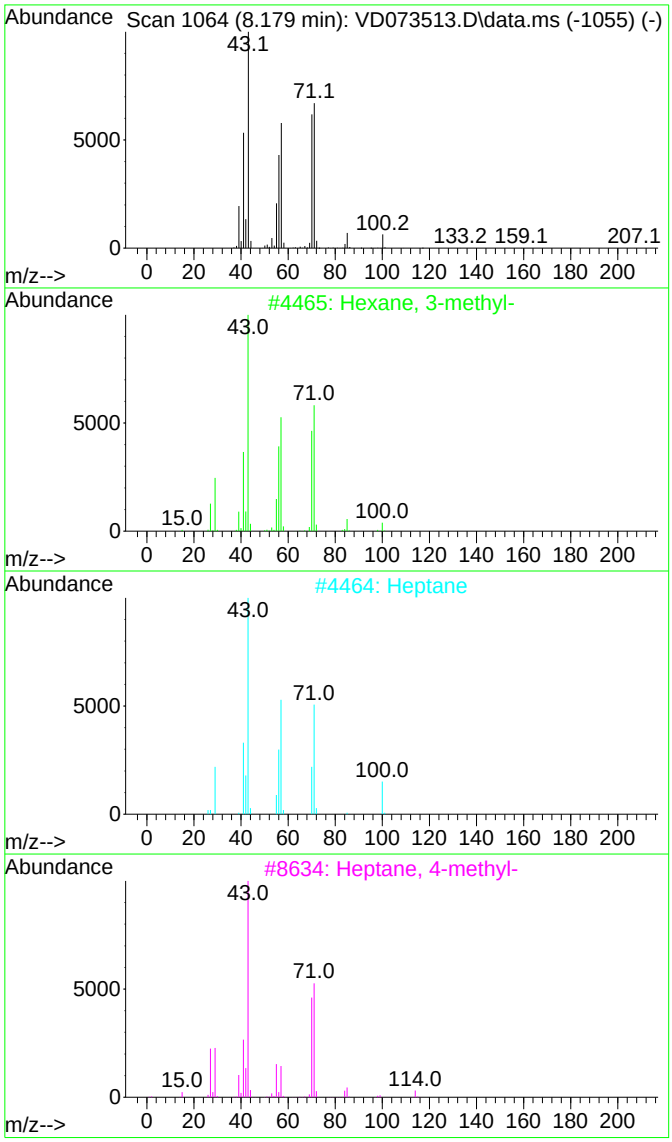
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

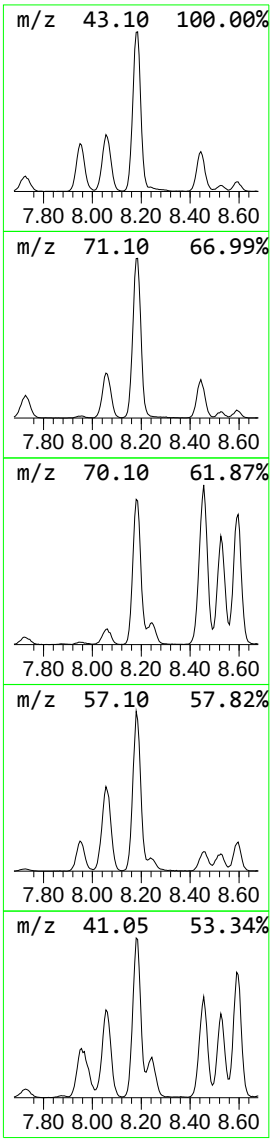
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.179	93.34 ug/l	4587500	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

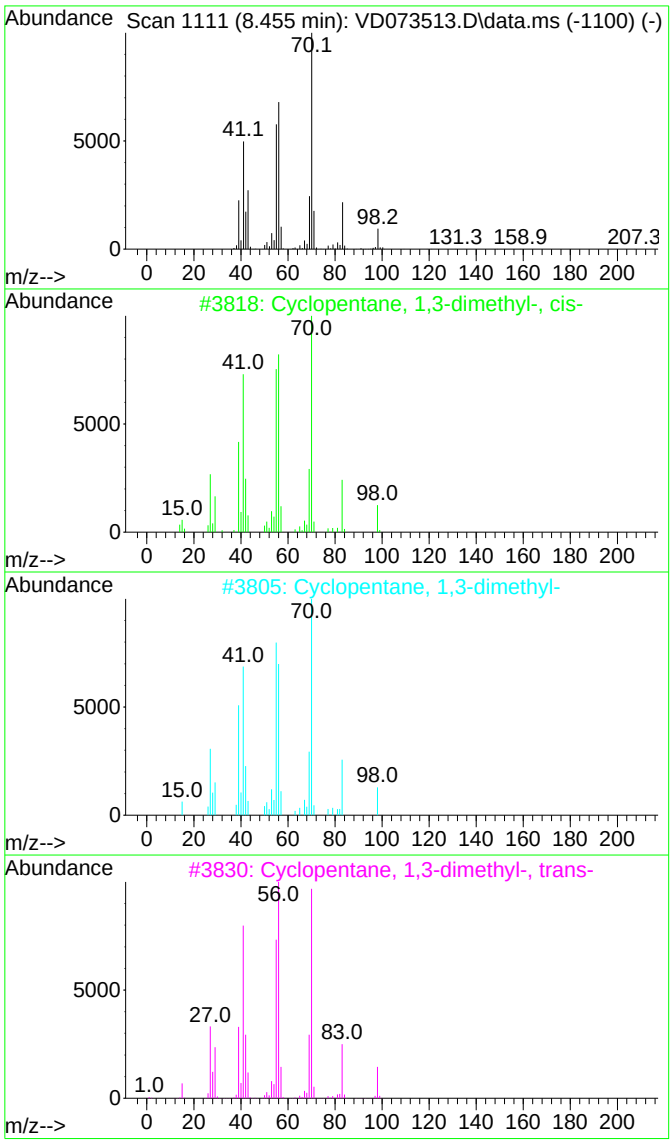
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

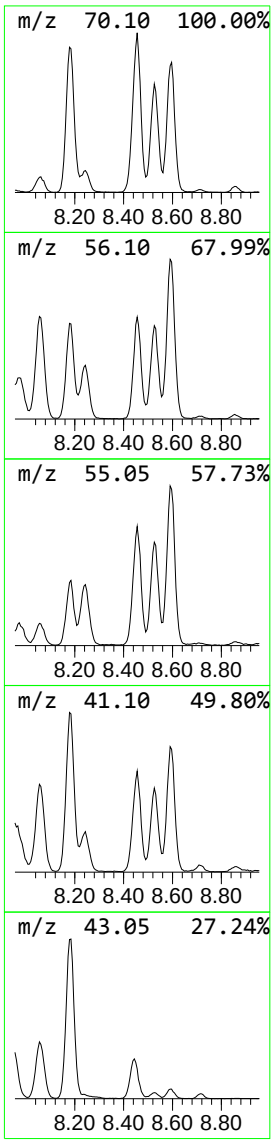
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.455	87.08 ug/l	3139790	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	76
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

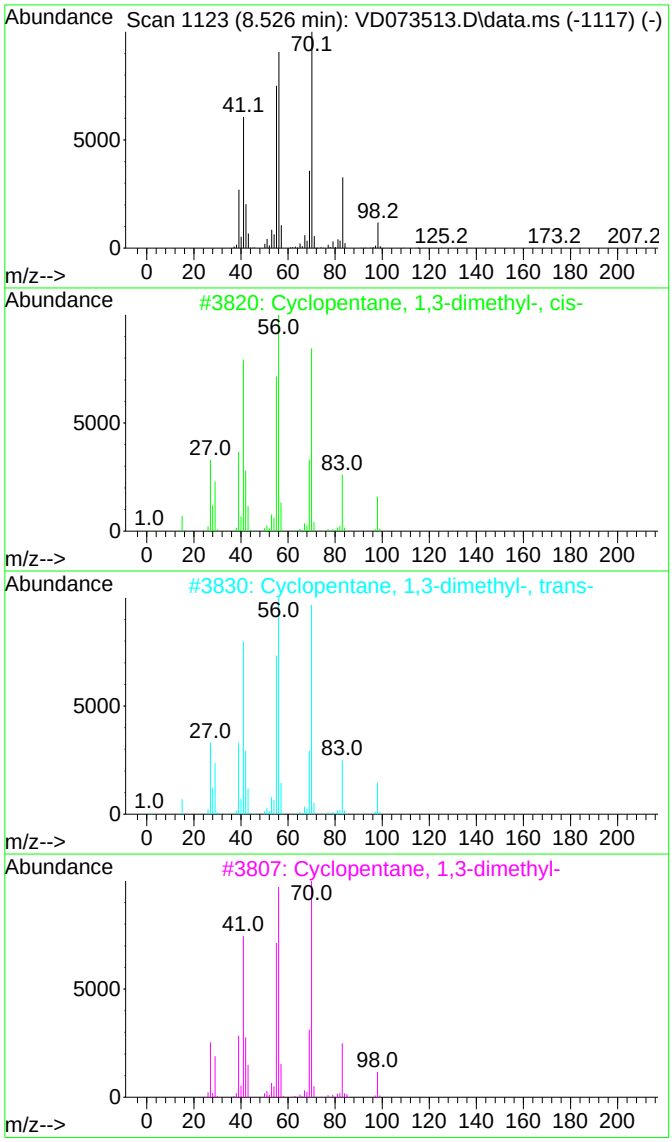
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

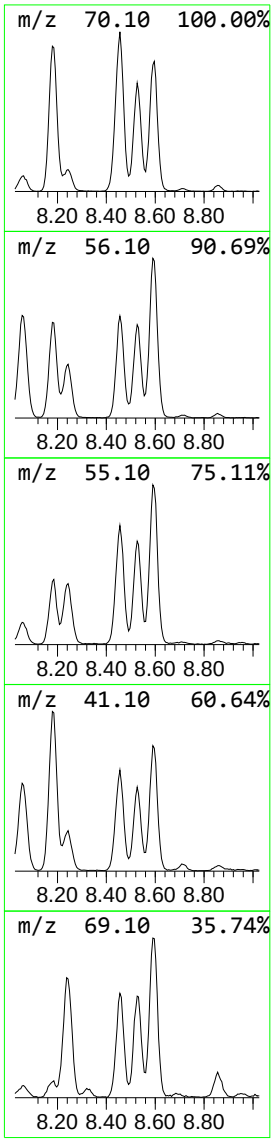
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	62.46 ug/l	2252070	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	95
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

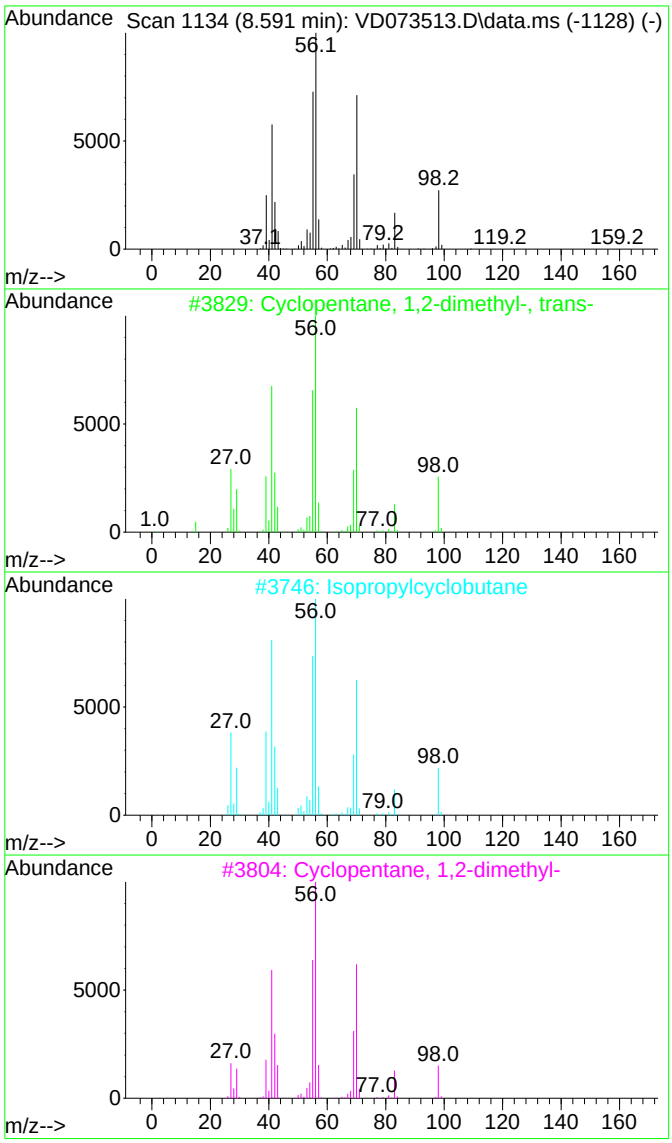
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

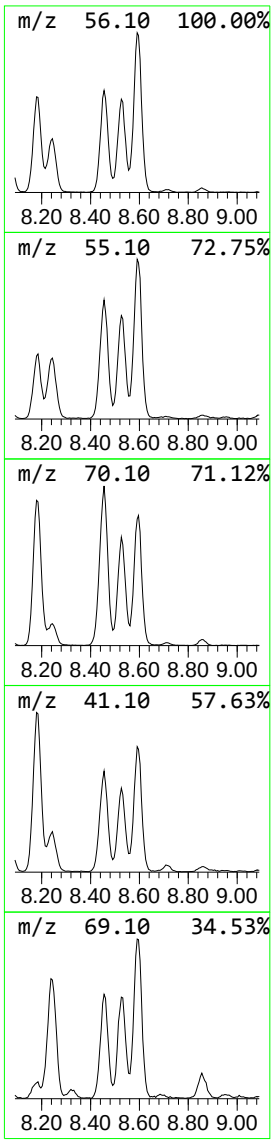
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.591	96.76 ug/l	3488880	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	93
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

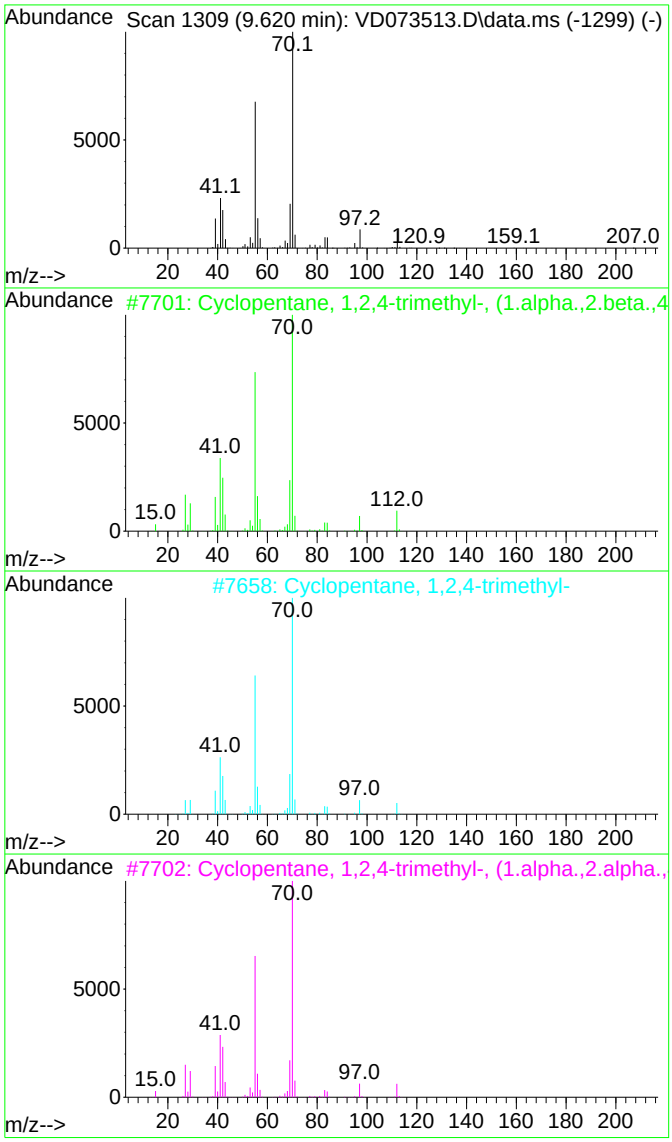
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

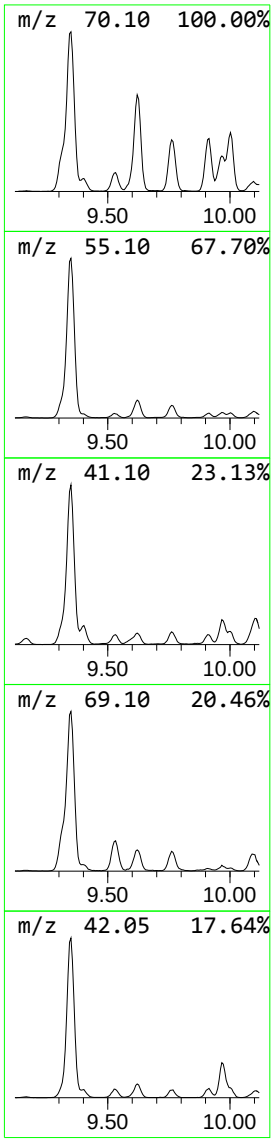
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,2,4-trimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.620	59.48 ug/l	2144740	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

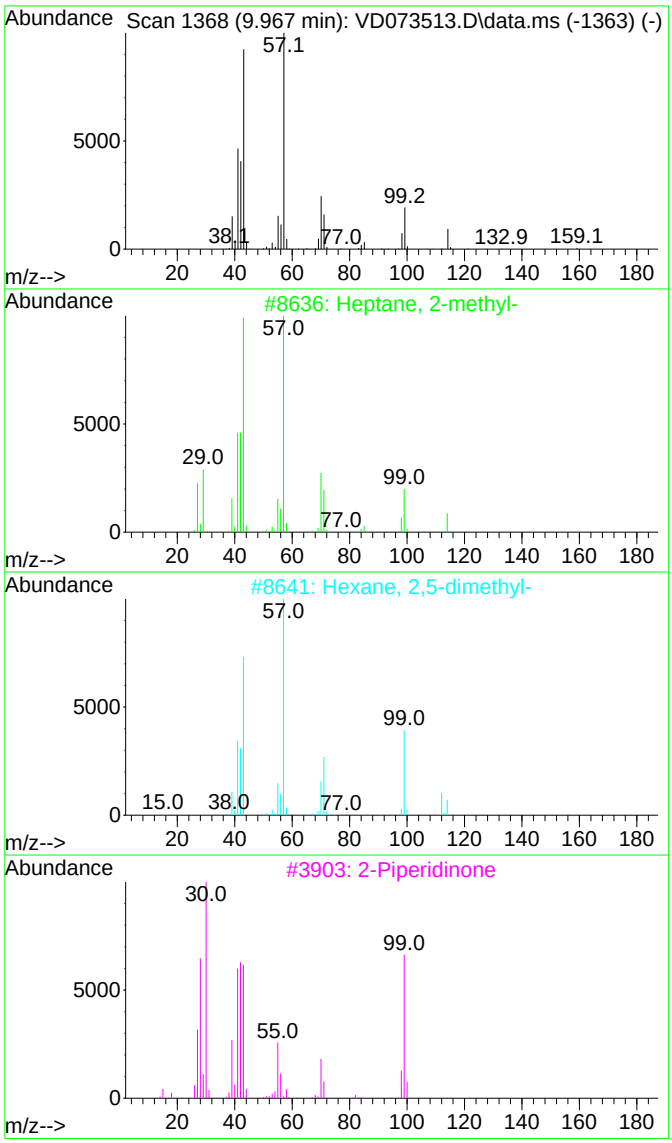
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

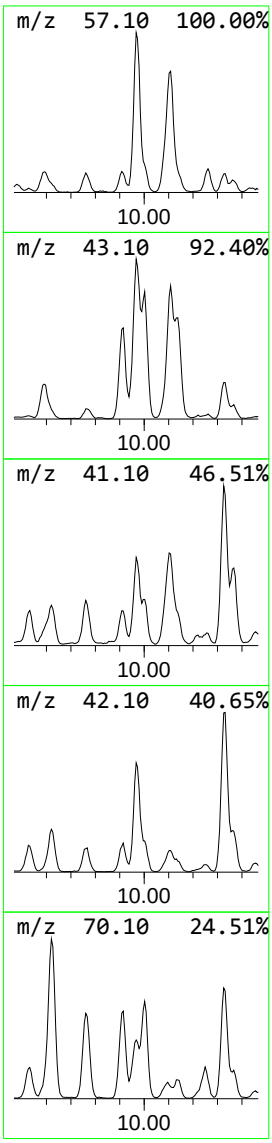
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.967	60.77 ug/l	2191020	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	2-Piperidinone	99	C5H9NO	000675-20-7	53
4	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	38
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





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Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

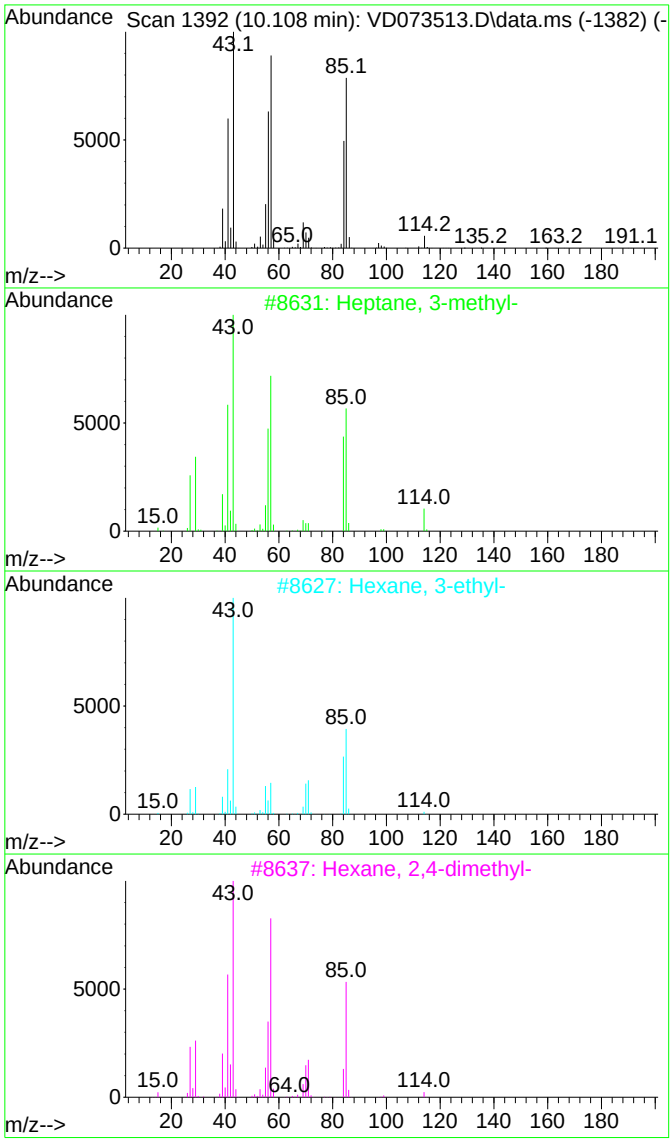
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

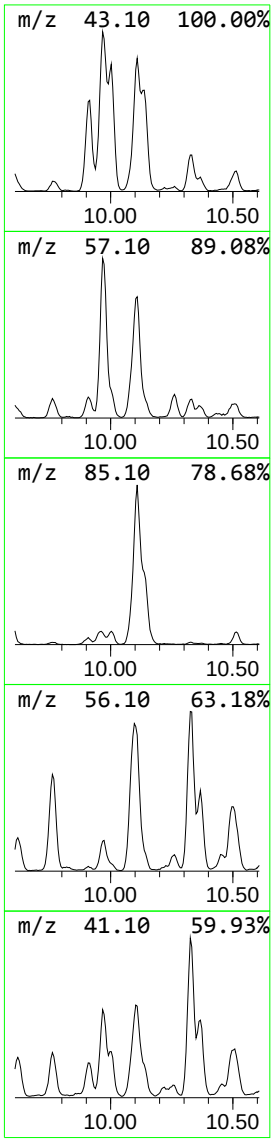
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.108	110.46 ug/l	3982470	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

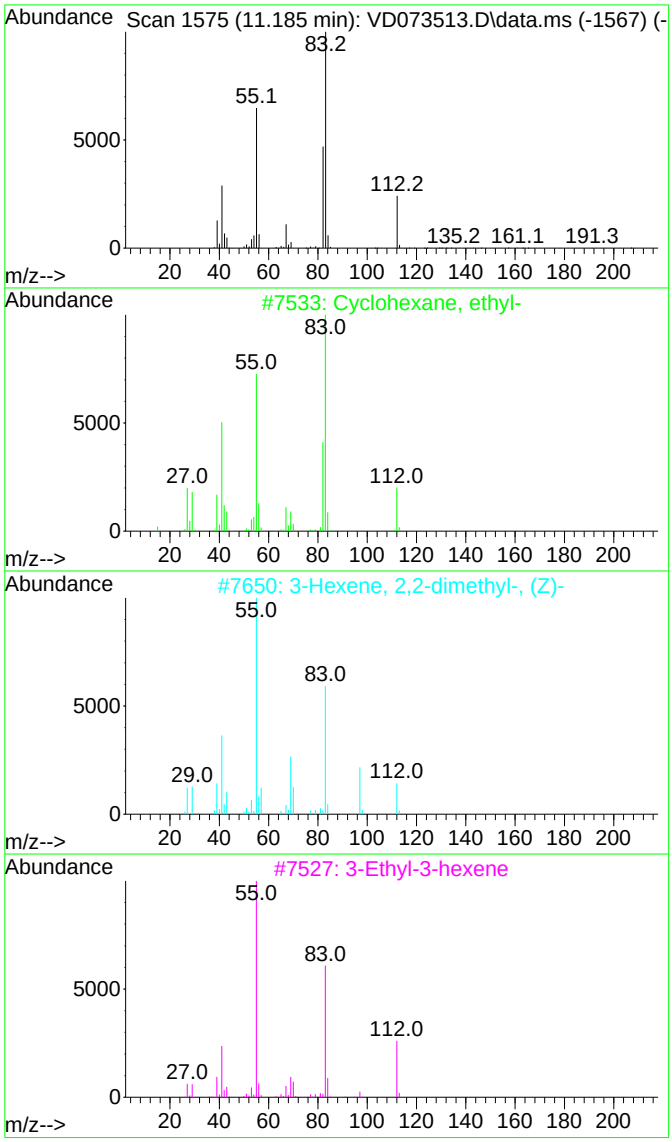
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

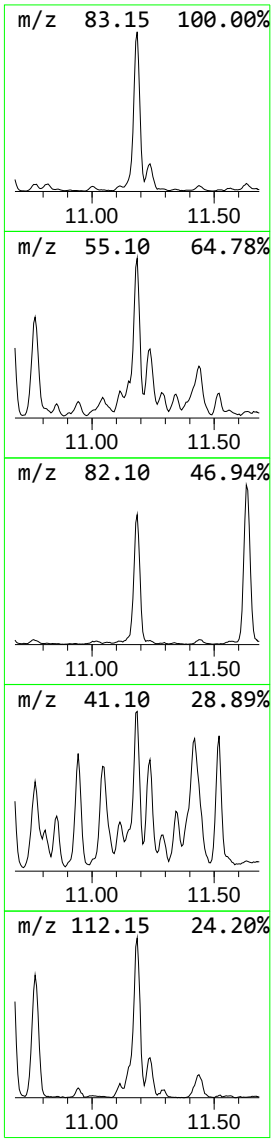
****

Peak Number 9 Cyclohexane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.185	68.98 ug/l	3152050	Chlorobenzene-d5	11.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
2	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53
3	3-Ethyl-3-hexene	112	C8H16	016789-51-8	53
4	4-Hexen-3-one, 5-methyl-	112	C7H12O	013905-10-7	52
5	2H-Pyran-2-carboxaldehyde, 5,6-d...	112	C6H8O2	053897-26-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

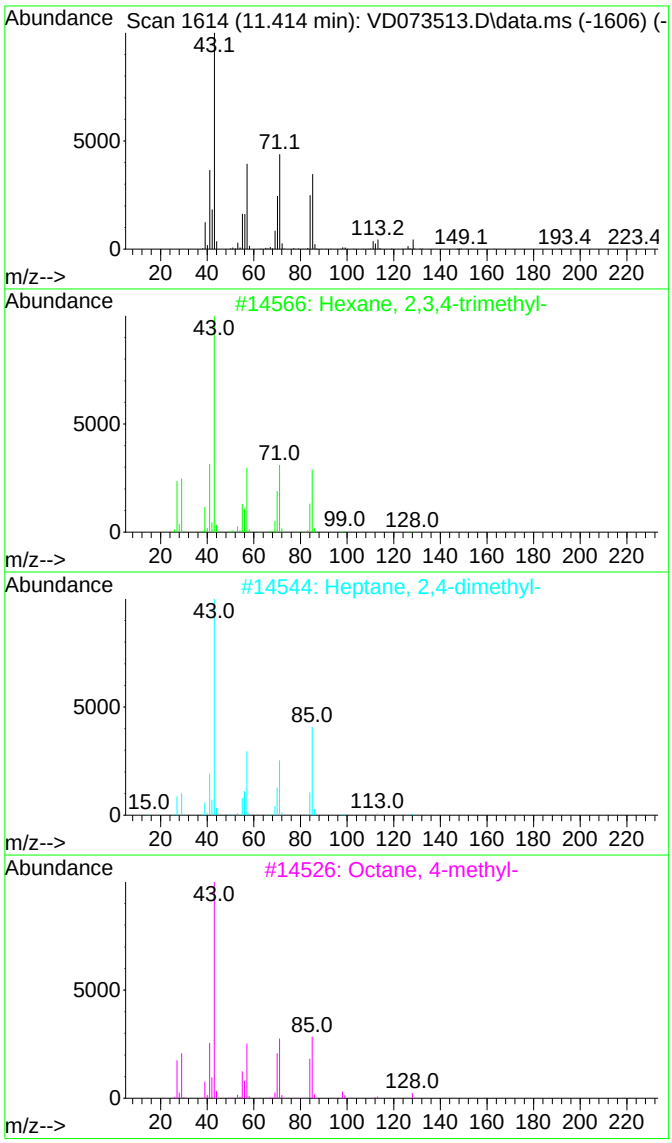
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

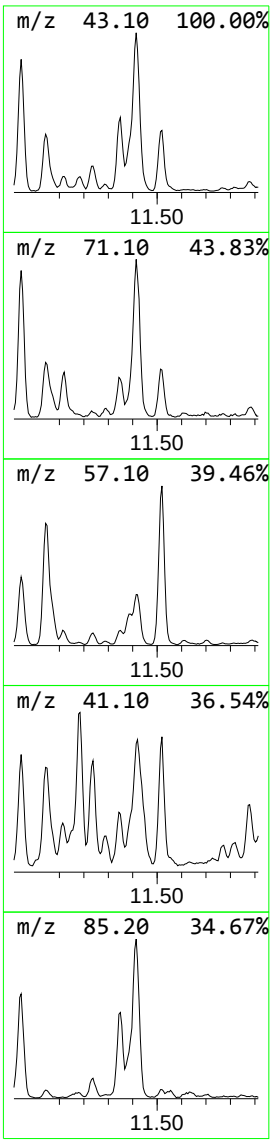
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.414	87.81 ug/l	4012400	Chlorobenzene-d5	11.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	72
4	Octane, 2-methyl-	128	C9H20	003221-61-2	64
5	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073513.D
Acq On : 09 Jun 2022 16:50
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.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, 3-methyl-	5.485	71.0	ug/l	3487210	1	7.973	2457470	50.0
Hexane, 3-methyl-	8.179	93.3	ug/l	4587500	1	7.973	2457470	50.0
Cyclopentane, 1...	8.455	87.1	ug/l	3139790	2	8.855	1802760	50.0
Cyclopentane, 1...	8.526	62.5	ug/l	2252070	2	8.855	1802760	50.0
Cyclopentane, 1...	8.591	96.8	ug/l	3488880	2	8.855	1802760	50.0
Cyclopentane, 1...	9.620	59.5	ug/l	2144740	2	8.855	1802760	50.0
Heptane, 2-methyl-	9.967	60.8	ug/l	2191020	2	8.855	1802760	50.0
Heptane, 3-methyl-	10.108	110.5	ug/l	3982470	2	8.855	1802760	50.0
Cyclohexane, et...	11.185	69.0	ug/l	3152050	3	11.632	2284650	50.0
Hexane, 2,3,4-t...	11.414	87.8	ug/l	4012400	3	11.632	2284650	50.0