LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 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: VD073514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.026	180	188	197	rVB3	23769	56636	1.61%	0.210%
2	3.391	244	250	259	rVB4	15155	37057	1.05%	0.137%
3	4.962	501	517	518	rBV5	60742	175236	4.97%	0.650%
4	5.003	522	524	539	rVB3	86897	210569	5.97%	0.781%
5	5.185	545	555	566	rVB2	21098	77664	2.20%	0.288%
6	5.485	592	606	618	rBV2	142451	487262	13.82%	1.808%
7	5.985	681	691	702	rBV5	18445	55096	1.56%	0.204%
8	6.756	809	822	832	rBV5	23944	84439	2.40%	0.313%
9	6.920	839	850	859	rBV4	42152	127963	3.63%	0.475%
10	7.026	860	868	877	rVB5	18272	51088	1.45%	0.190%
11	7.191	886	896	907	rBV	66631	198105	5.62%	0.735%
12	7.726	977	987	997	rVB5	21360	63694	1.81%	0.236%
13	7.908	1007	1018	1023	rBV	273293	691661	19.62%	2.566%
14	7.973	1023	1029	1036	rVB	485159	1113138	31.58%	4.130%
15	8.056	1037	1043	1053	rVB	118873	292832	8.31%	1.086%
16	8.179	1055	1064	1070	rBV	276178	635115	18.02%	2.356%
17	8.285	1071	1082	1086	rBV	239672	671619	19.05%	2.492%
18	8.455	1101	1111	1117	rBV4	178982	443480	12.58%	1.645%
19	8.526	1117	1123	1128	rVV2	144690	319591	9.07%	1.186%
20	8.591	1128	1134	1143	rVB2	217730	495646	14.06%	1.839%
21	8.855	1171	1179	1193	rBV	748889	1504607	42.68%	5.582%
22	9.167	1221	1232	1239	rVB3	39635	100743	2.86%	0.374%
23	9.350	1249	1263	1269	rBV	1460839	3367174	95.52%	12.492%
24	9.397	1269	1271	1280	rVB	142293	232969	6.61%	0.864%
25	9.532	1287	1294	1299	rVV2	59418	111312	3.16%	0.413%
26	9.620	1299	1309	1316	rVB3	115000	294344	8.35%	1.092%
27	9.761	1326	1333	1341	rVB3	113174	222433	6.31%	0.825%
28	9.908	1353	1358	1363	rBV	78792	130595	3.70%	0.484%
29	9.967	1363	1368	1372	rBV	155849	299741	8.50%	1.112%
30	10.102	1382	1391	1404	rBV5	175187	549685	15.59%	2.039%
31	10.220	1404	1411	1414	rVV5	39816	83932	2.38%	0.311%
32	10.255	1414	1417	1421	rVV4	30387	50072	1.42%	0.186%
33	10.332	1421	1430	1445	rVV	1689741	3525275	100.00%	13.078%
34	10.449	1445	1450	1453	rVV4	30060	55945	1.59%	0.208%
35	10.502	1453	1459	1468	rVB4	122566	324059	9.19%	1.202%
36	10.632	1473	1481	1482	rBV7	23071	43568	1.24%	0.162%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 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	10.673	1482	1488	1492	rBV	165331	286248	8.12%	1.062%
38	10.714	1492	1495	1499	rVV2	64111	87734	2.49%	0.325%
39	10.767	1499	1504	1509	rVV4	107728	181573	5.15%	0.674%
40	10.855	1515	1519	1524	rVB2	75205	116605	3.31%	0.433%
41	10.944	1524	1534	1541	rBV2	132607	237125	6.73%	0.880%
42	11.044	1541	1551	1554	rBV	120544	252928	7.17%	0.938%
43	11.120	1560	1564	1566	rBV4	32231	47830	1.36%	0.177%
44	11.185	1566	1575	1579	rVB	177391	299767	8.50%	1.112%
45	11.238	1579	1584	1589	rVB	148308	246960	7.01%	0.916%
46	11.291	1589	1593	1597	rVB3	36672	59541	1.69%	0.221%
47	11.344	1597	1602	1606	rBV3	67103	114707	3.25%	0.426%
48	11.420	1606	1615	1617	rBV3	138267	294478	8.35%	1.092%
49	11.514	1626	1631	1637	rBV	131595	218807	6.21%	0.812%
50	11.632	1644	1651	1661	rBV	1221728	2156553	61.17%	8.000%
51	11.814	1678	1682	1687	rVV8	28963	58761	1.67%	0.218%
52	11.879	1687	1693	1697	rVV3	106570	201073	5.70%	0.746%
53	11.920	1697	1700	1706	rVB3	56853	96884	2.75%	0.359%
54	12.061	1718	1724	1730	rVB9	29787	69306	1.97%	0.257%
55	12.144	1730	1738	1744	rBV4	86544	201389	5.71%	0.747%
56	12.255	1750	1757	1761	rVB2	57035	109271	3.10%	0.405%
57	12.338	1761	1771	1774	rBV9	40764	110775	3.14%	0.411%
58	12.385	1774	1779	1789	rVB3	60404	137376	3.90%	0.510%
59	12.620	1813	1819	1829	rVB	1075682	1809884	51.34%	6.714%
60	12.785	1844	1847	1854	rVB6	24322	51834	1.47%	0.192%
61	12.943	1867	1874	1880	rVV3	54916	114694	3.25%	0.425%
62	13.561	1971	1979	1989	rBV	1391036	2209081	62.66%	8.195%

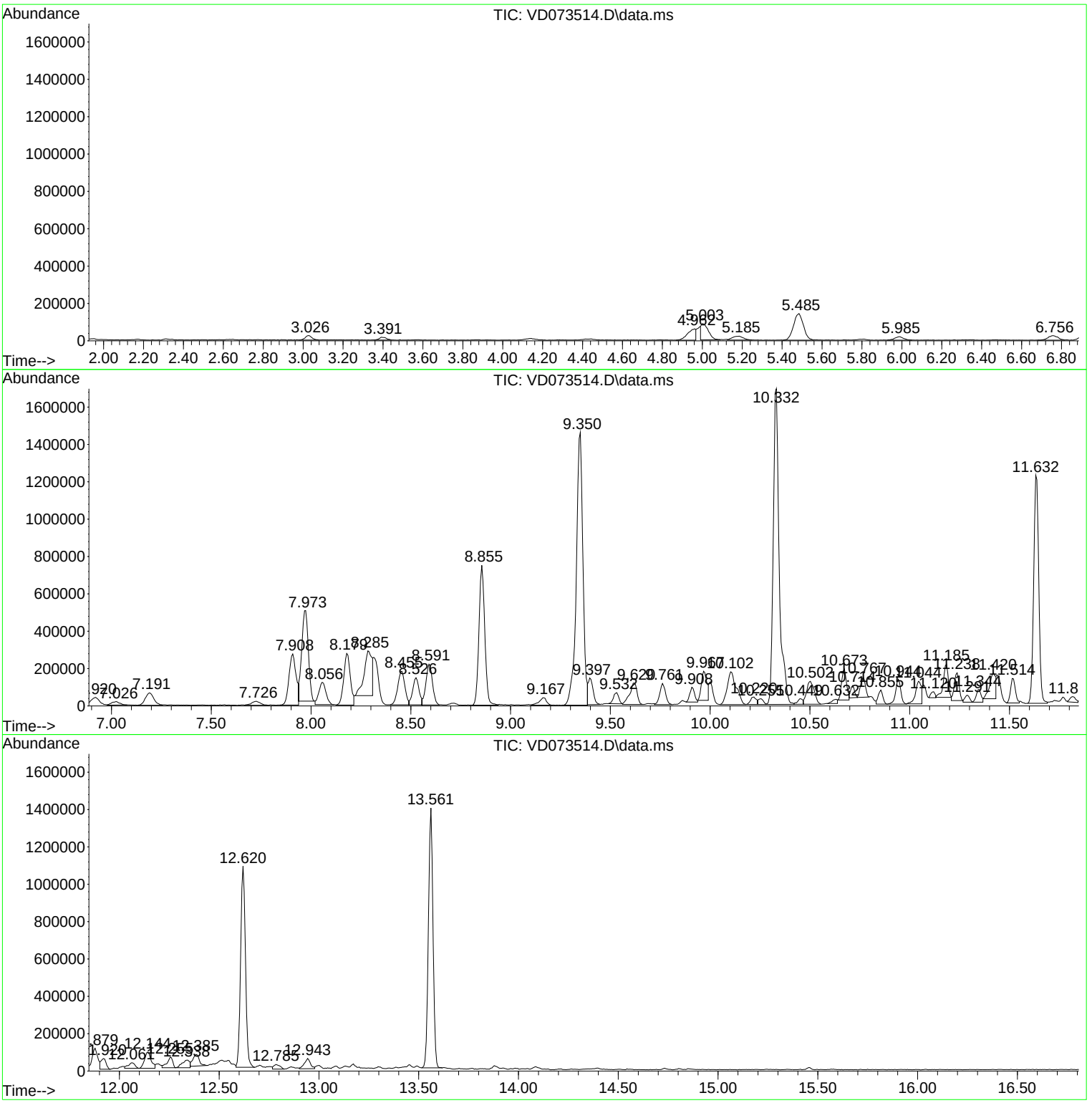
Sum of corrected areas: 26955529

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 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 : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

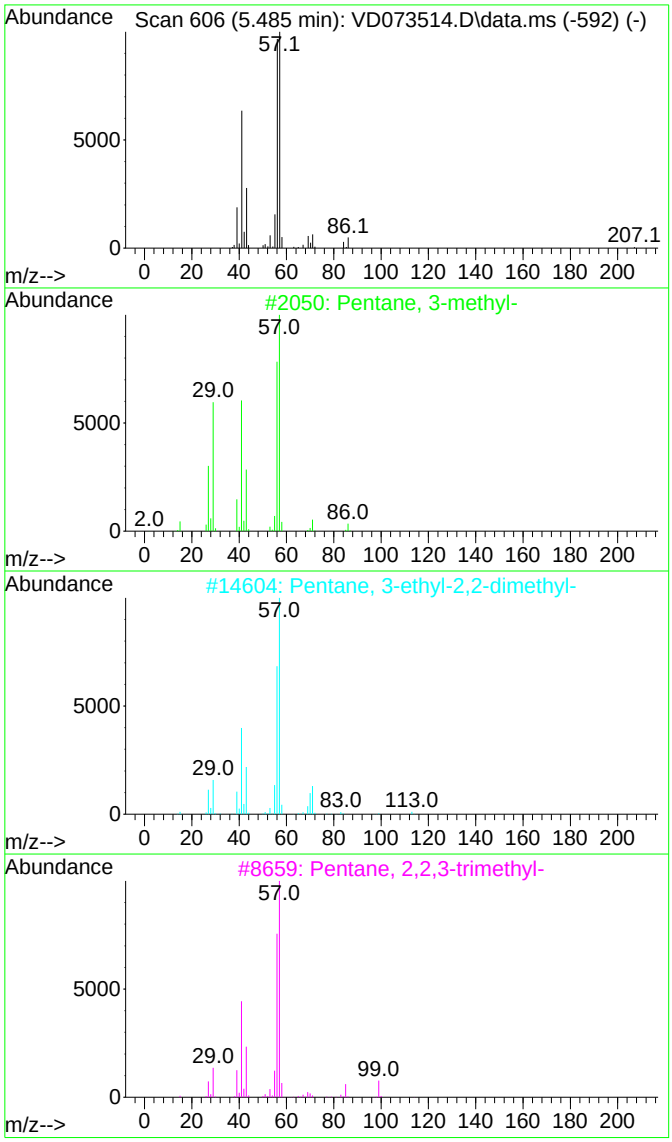
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

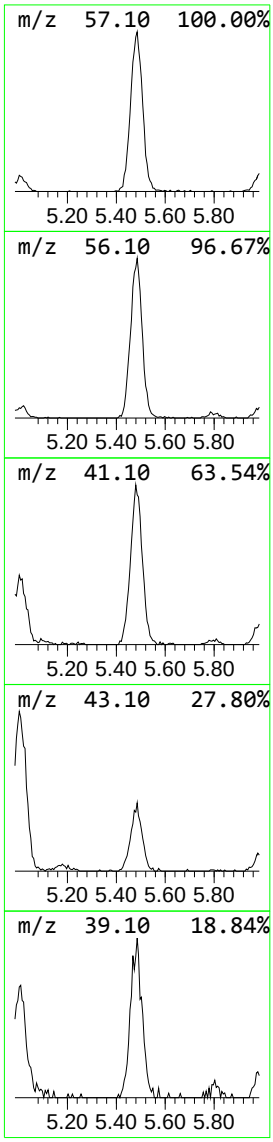
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.485	21.89 ug/l	487262	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
3	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

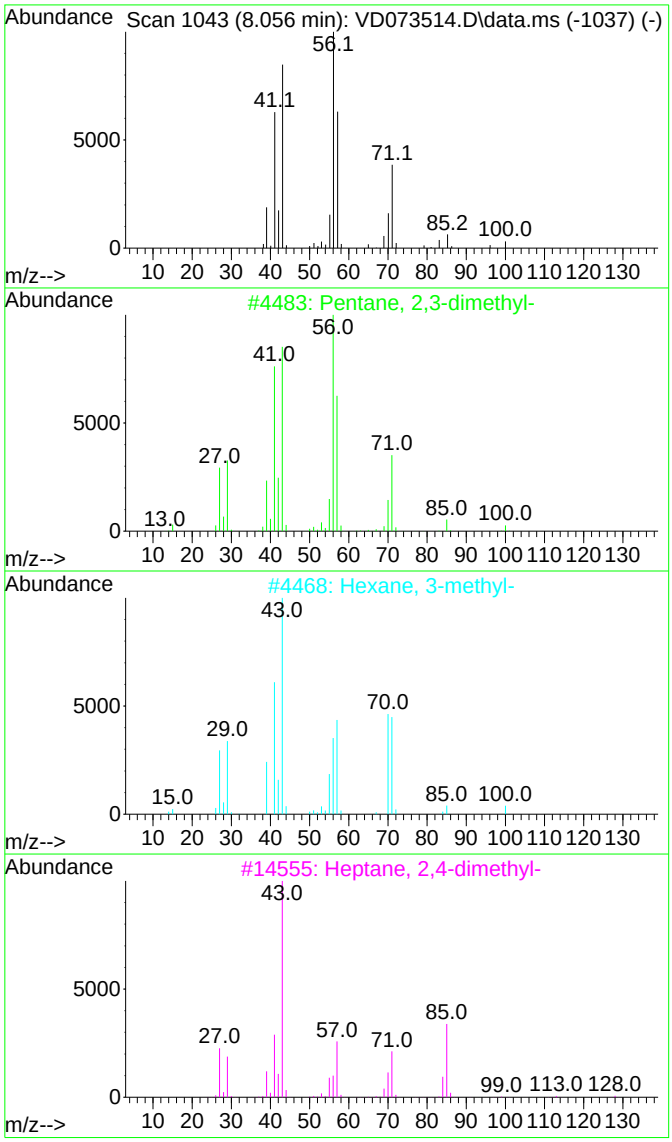
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

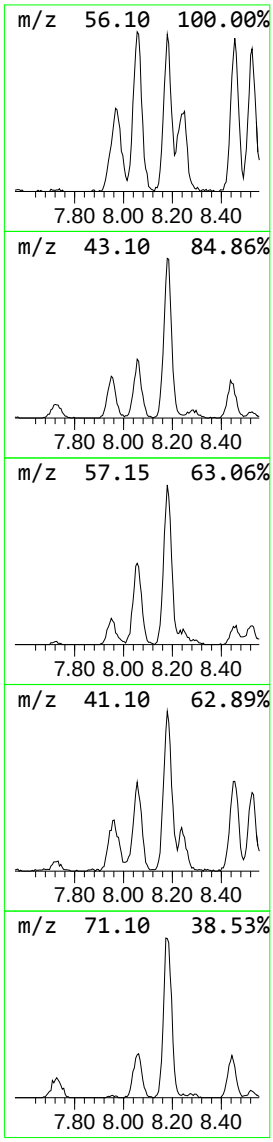
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.056	13.15 ug/l	292832	Pentafluorobenzene	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	46
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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

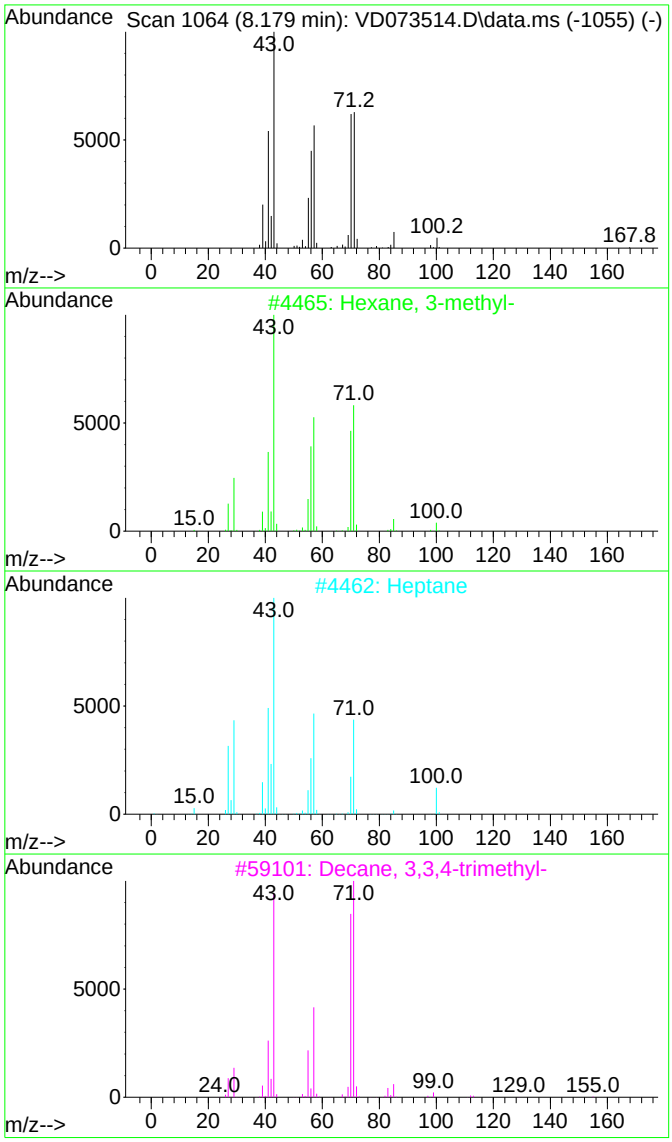
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

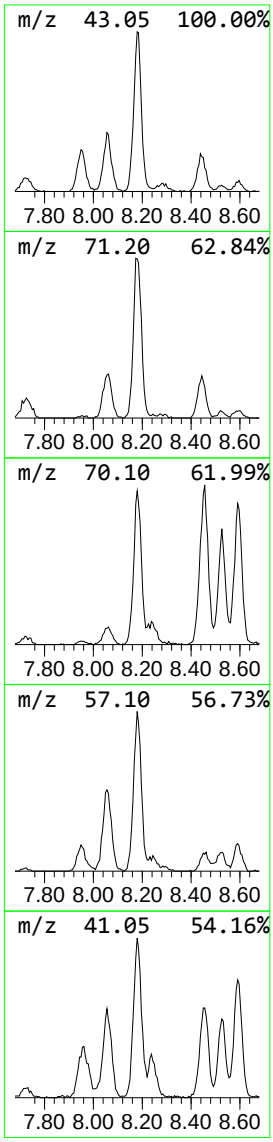
****

Peak Number 3 Hexane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.179	28.53 ug/l	635115	Pentafluorobenzene	7.973

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	58
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

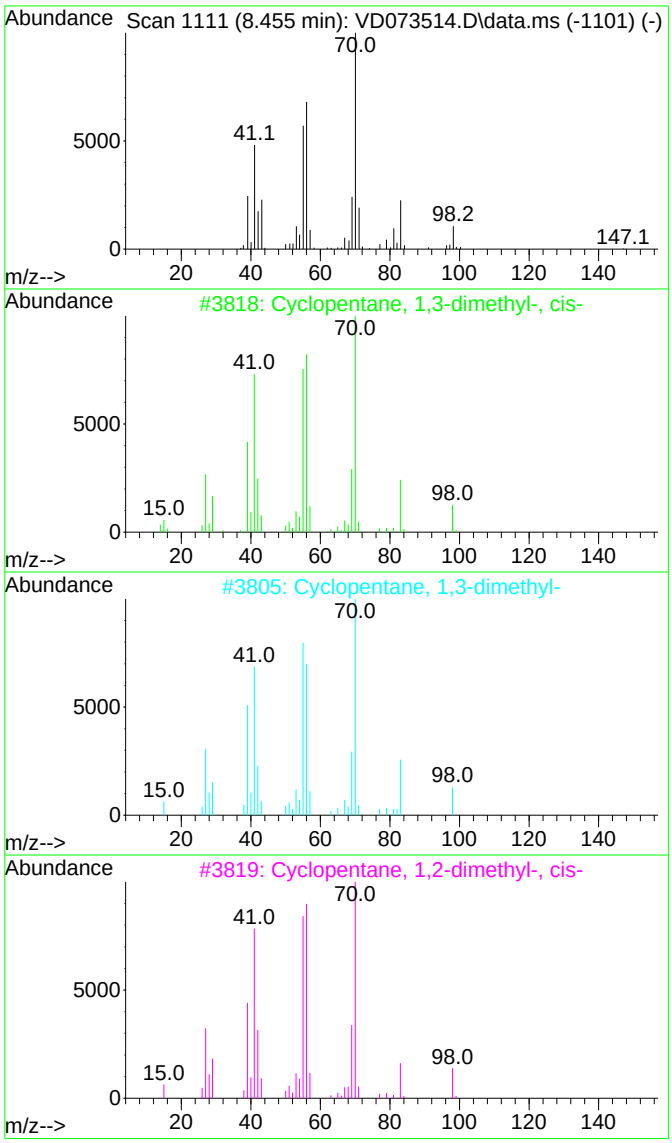
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

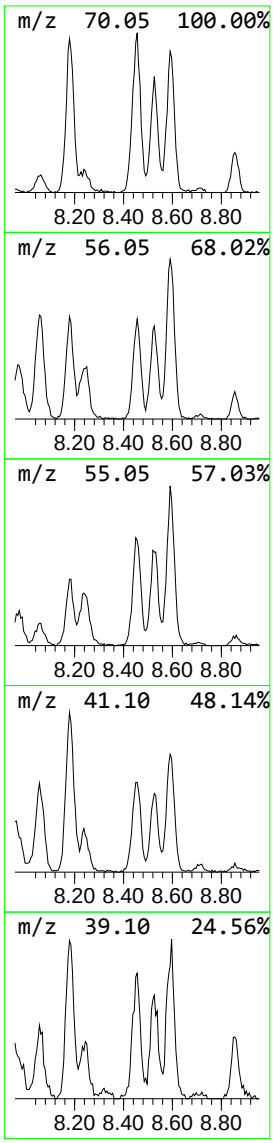
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,3-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.455	14.74 ug/l	443480	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	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	81
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	55
5	Isopropylcyclobutane	98	C7H14	000872-56-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

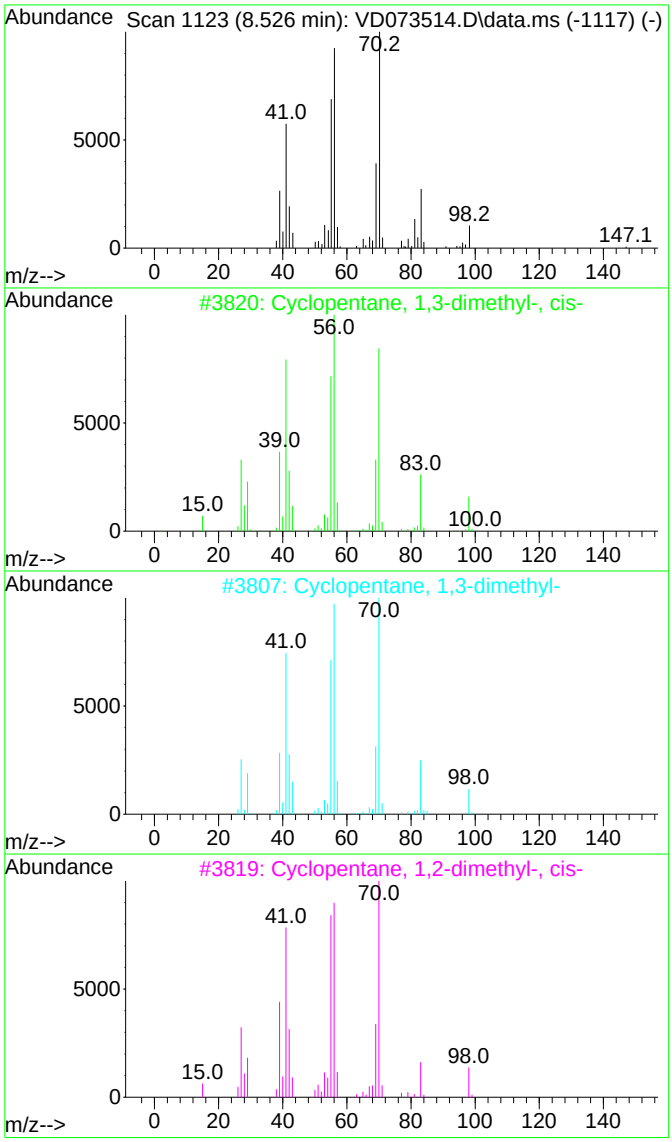
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

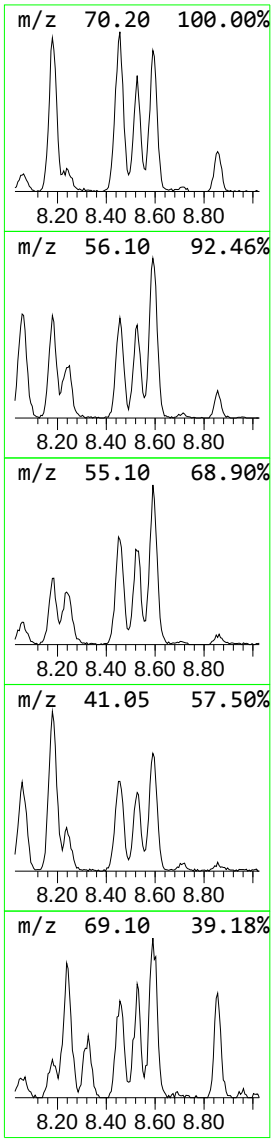
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	10.62 ug/l	319591	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	90
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

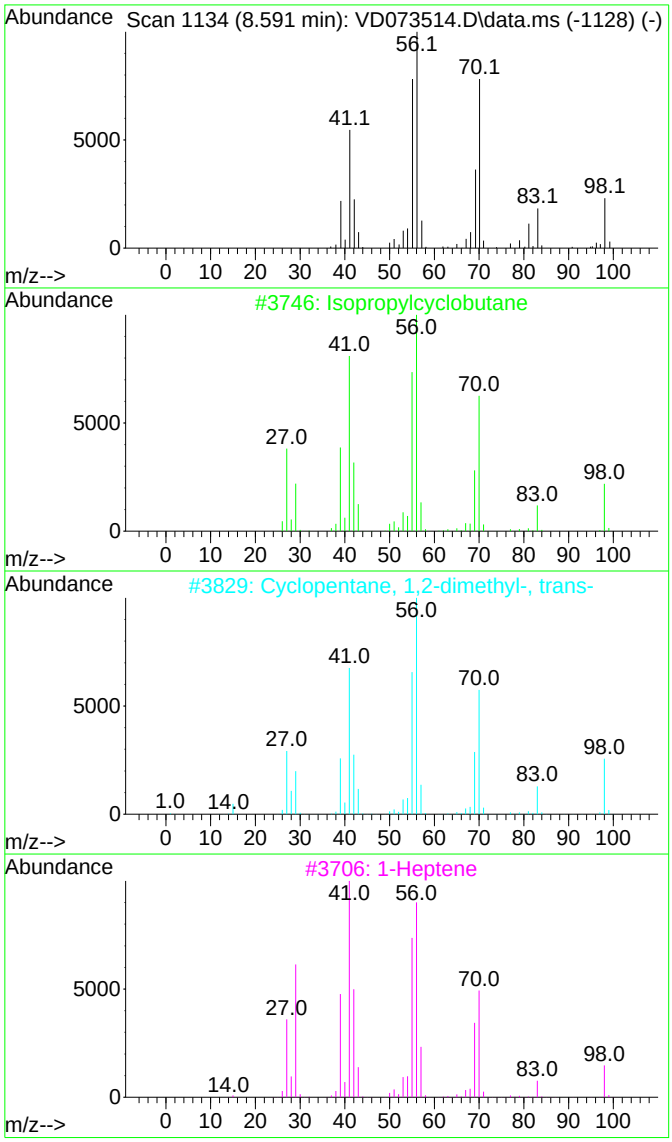
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

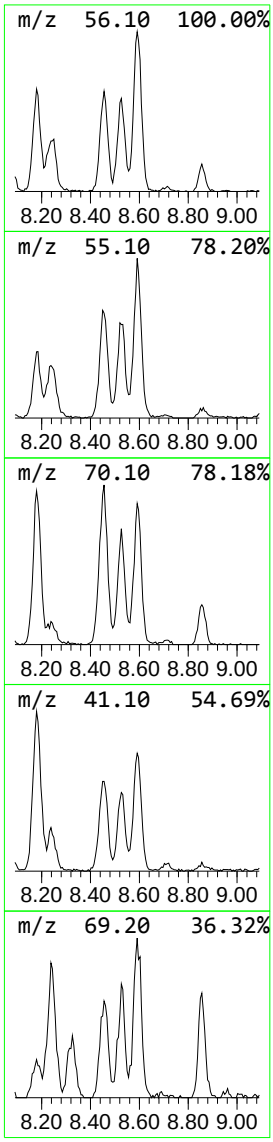
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Isopropylcyclobutane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.591	16.47 ug/l	495646	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	1-Heptene	98	C7H14	000592-76-7	90
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

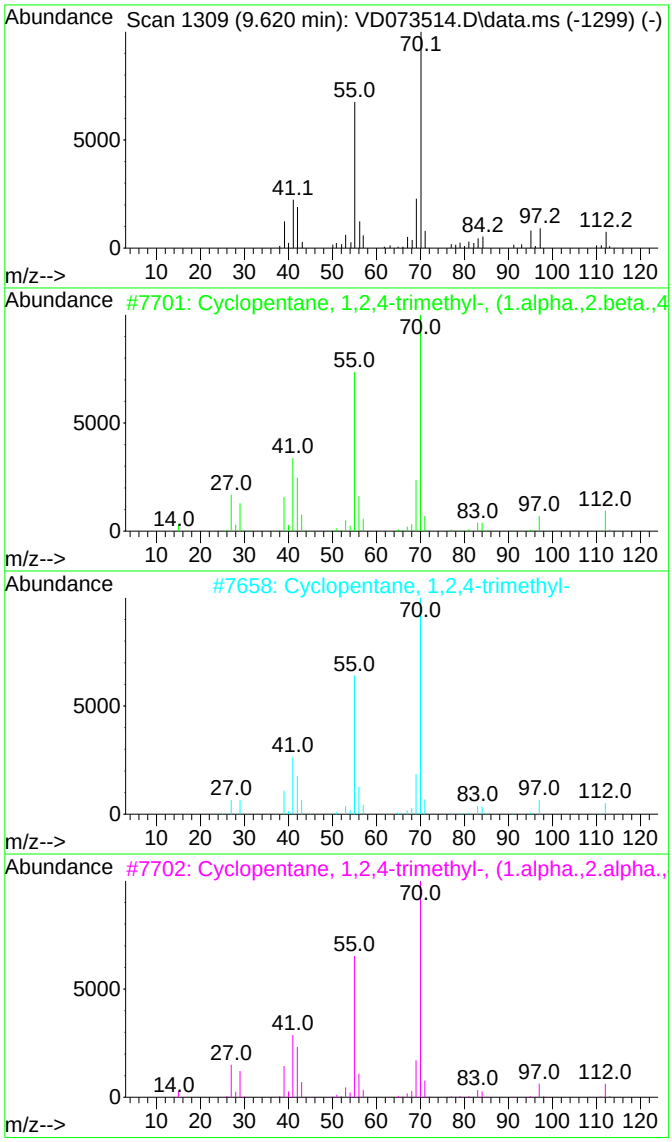
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

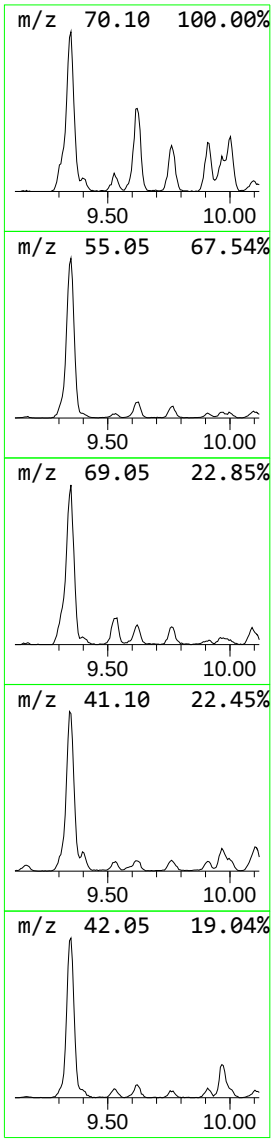
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,4-trimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.620	9.78 ug/l	294344	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	93
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	81
4	Tridecane, 3-methylene-	196	C14H28	019780-34-8	72
5	cis-2,4-Dimethylthiane, S,S-dioxide	162	C7H14O2S	1000215-67-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

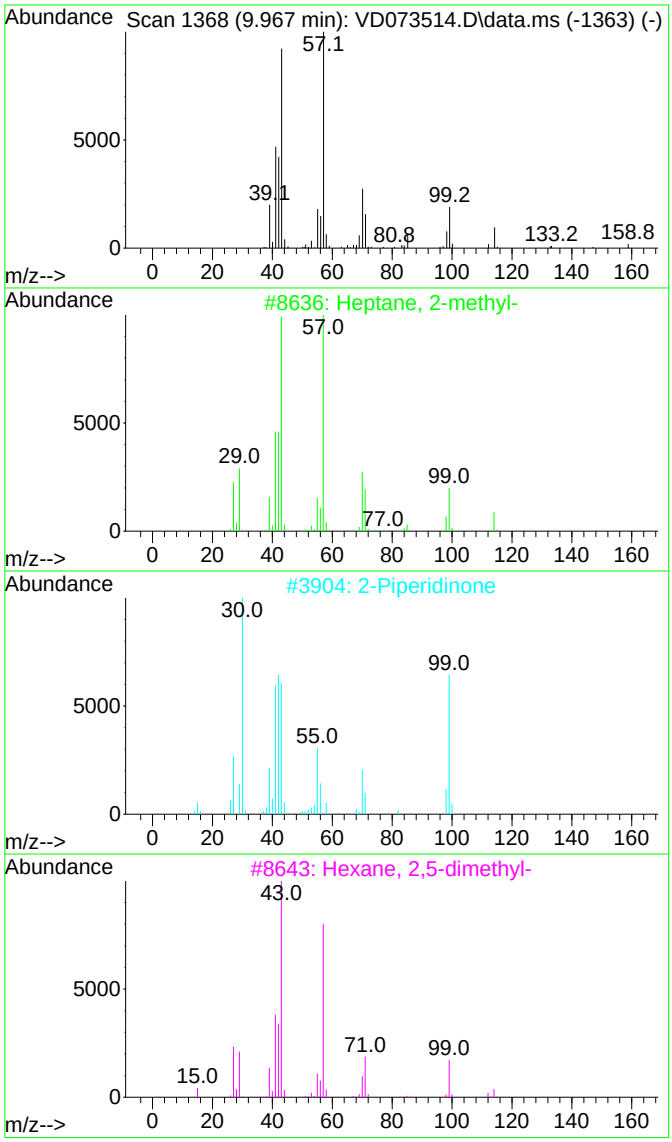
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

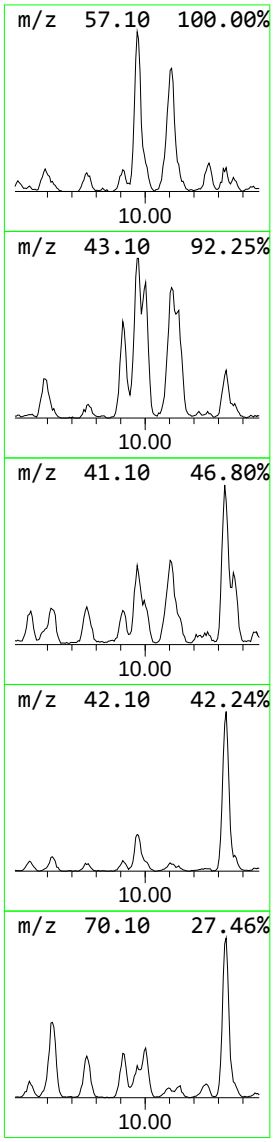
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.967	9.96 ug/l	299741	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	2-Piperidinone	99	C5H9NO	000675-20-7	62
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
4	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

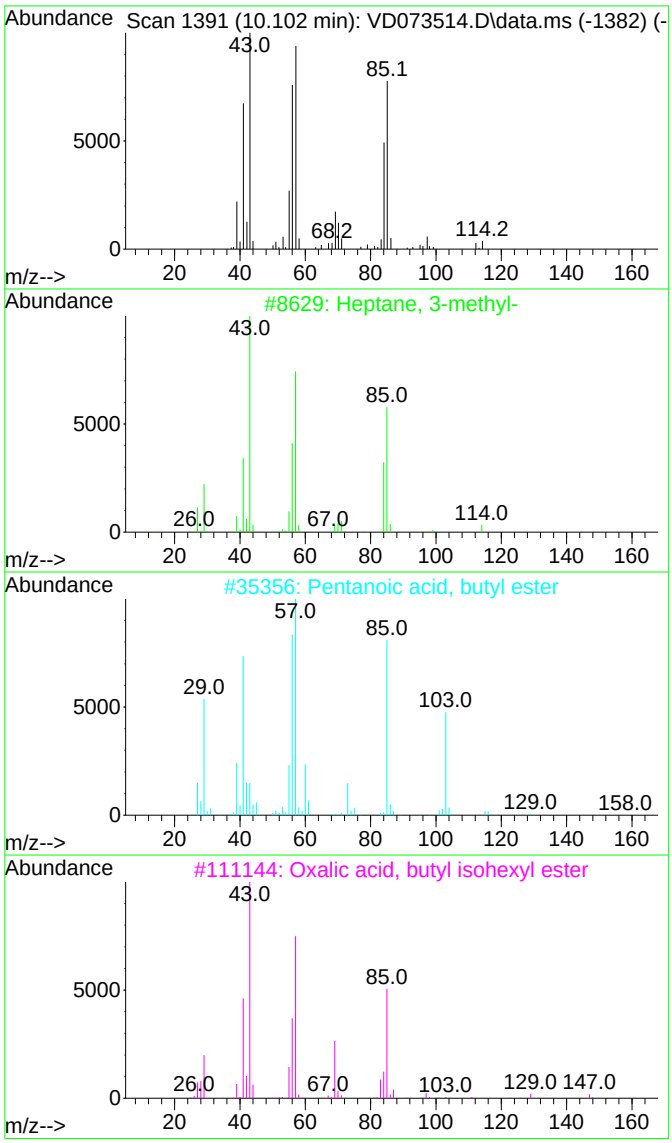
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

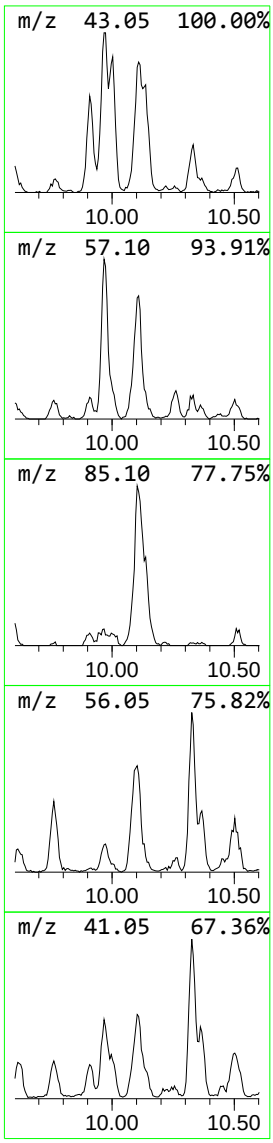
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.102	18.27 ug/l	549685	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	58
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	50
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
4	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	50
5	Cyclohexane	84	C6H12	000110-82-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

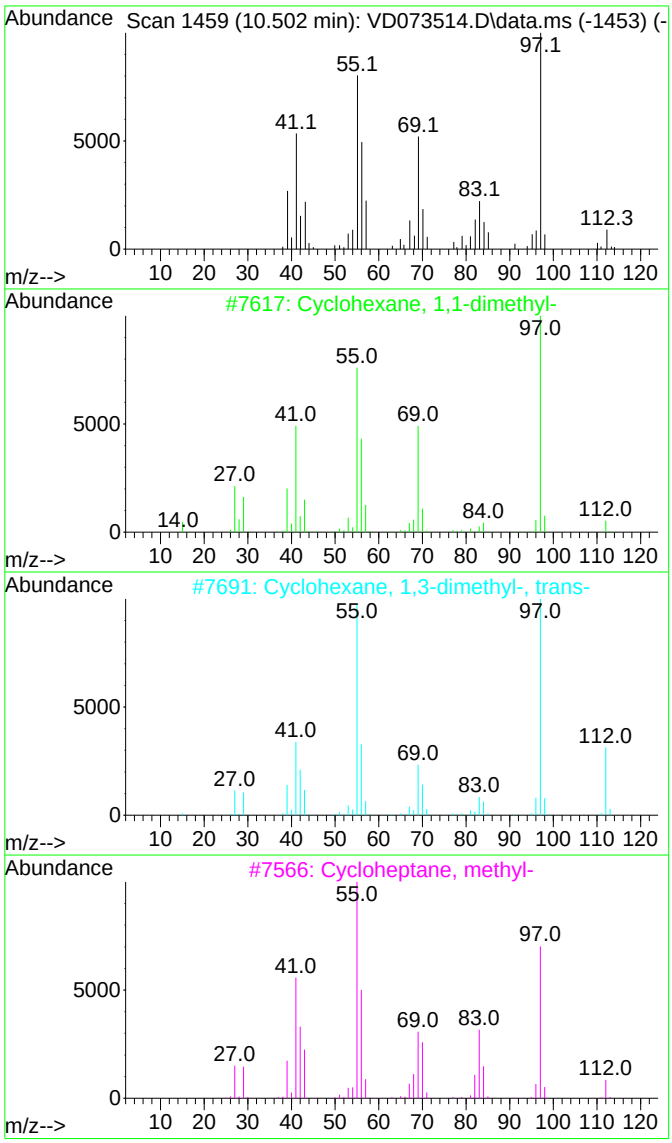
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

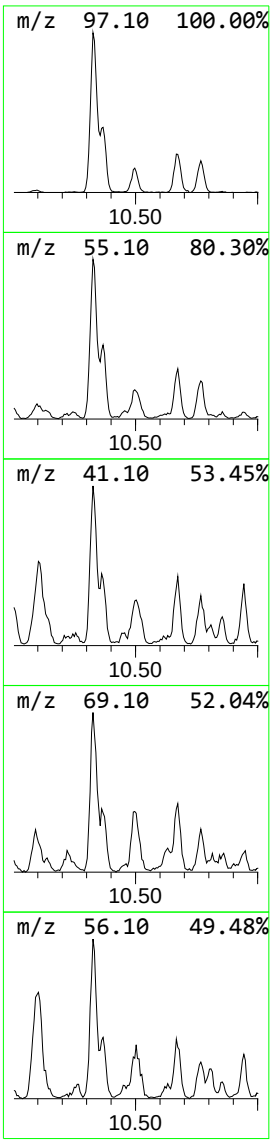
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,1-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	7.51 ug/l	324059	Chlorobenzene-d5	11.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	74
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	68
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073514.D
Acq On : 09 Jun 2022 18:17
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 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	21.9	ug/l	487262	1	7.973	1113140	50.0
Pentane, 2,3-di...	8.056	13.2	ug/l	292832	1	7.973	1113140	50.0
Hexane, 3-methyl-	8.179	28.5	ug/l	635115	1	7.973	1113140	50.0
Cyclopentane, 1...	8.455	14.7	ug/l	443480	2	8.855	1504610	50.0
Cyclopentane, 1...	8.526	10.6	ug/l	319591	2	8.855	1504610	50.0
Isopropylcyclob...	8.591	16.5	ug/l	495646	2	8.855	1504610	50.0
Cyclopentane, 1...	9.620	9.8	ug/l	294344	2	8.855	1504610	50.0
Heptane, 2-methyl-	9.967	10.0	ug/l	299741	2	8.855	1504610	50.0
Heptane, 3-methyl-	10.102	18.3	ug/l	549685	2	8.855	1504610	50.0
Cyclohexane, 1,...	10.502	7.5	ug/l	324059	3	11.632	2156550	50.0